

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019023.D
 Acq On : 04 Mar 2019 23:53
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:36:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	335664	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1449148	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	842142	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1810460	20.00	ng	-0.03
76) Chrysene-d12	21.28	240	1427073	20.00	ng	-0.03
87) Perylene-d12	23.53	264	1308809	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1582974	77.27	ng	-0.03
7) Phenol-d6	6.86	99	2344253	81.23	ng	-0.03
23) Nitrobenzene-d5	8.85	82	2423116	77.32	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	974365	80.27	ng	-0.03
45) 2-Fluorobiphenyl	12.94	172	4970485	78.35	ng	-0.04
79) Terphenyl-d14	19.72	244	6939960	100.32	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	313583	35.144	ng	98
3) Pyridine	3.63	79	965116	39.654	ng	99
4) n-Nitrosodimethylamine	3.55	42	252024	40.704	ng	92
6) Aniline	7.03	93	1402567	39.664	ng	99
8) 2-Chlorophenol	7.25	128	901400	40.076	ng	99
9) Benzaldehyde	6.84	77	617007	38.813	ng	99
10) Phenol	6.89	94	1218841	40.137	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	928588	40.087	ng	100
12) 1,3-Dichlorobenzene	7.56	146	978317	38.682	ng	99
13) 1,4-Dichlorobenzene	7.72	146	998666	38.786	ng	99
14) 1,2-Dichlorobenzene	8.03	146	970723	39.249	ng	99
15) Benzyl Alcohol	7.93	79	935639	40.801	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	923006	41.169	ng	99
17) 2-Methylphenol	8.12	107	778884	40.299	ng	99
18) Hexachloroethane	8.74	117	369671	39.331	ng	99
19) n-Nitroso-di-n-propylamine	8.49	70	917537	41.061	ng	98
20) 3+4-Methylphenols	8.46	107	1092386	40.931	ng	99
22) Acetophenone	8.51	105	1536620	38.612	ng	# 99
24) Nitrobenzene	8.89	77	1235158	37.968	ng	98
25) Isophorone	9.41	82	1972406	39.443	ng	100
26) 2-Nitrophenol	9.59	139	536171	41.386	ng	99
27) 2,4-Dimethylphenol	9.65	122	754375	39.868	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	1255328	38.819	ng	99
29) 2,4-Dichlorophenol	10.12	162	871140	40.095	ng	100
30) 1,2,4-Trichlorobenzene	10.33	180	965937	38.497	ng	99
31) Naphthalene	10.52	128	2720460	38.492	ng	99
32) Benzoic acid	9.84	122	602174	36.483	ng	93
33) 4-Chloroaniline	10.65	127	1241618	39.300	ng	98
34) Hexachlorobutadiene	10.78	225	546371	37.515	ng	99
35) Caprolactam	11.47	113	313461	35.351	ng	96
36) 4-Chloro-3-methylphenol	11.77	107	1026597	39.190	ng	99
37) 2-Methylnaphthalene	12.13	142	1927624	38.738	ng	98
38) 1-Methylnaphthalene	12.36	142	1892056	38.884	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	1043910	38.750	ng	99

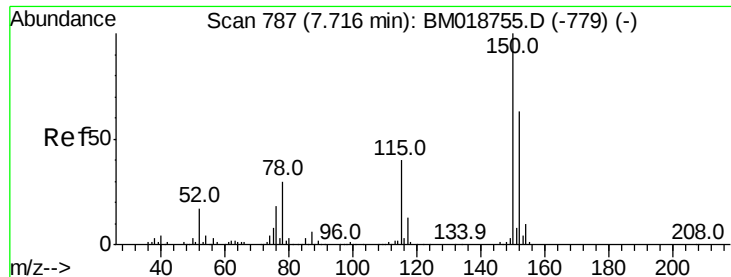
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019023.D
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 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	446181	32.395	ng	98
43) 2,4,6-Trichlorophenol	12.76	196	710777	39.856	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	738338	39.500	ng	99
46) 1,1'-Biphenyl	13.16	154	2815422	38.839	ng	100
47) 2-Chloronaphthalene	13.20	162	2175702	38.859	ng	100
48) 2-Nitroaniline	13.43	65	747426	40.194	ng	99
49) Acenaphthylene	14.06	152	3240421	38.868	ng	99
50) Dimethylphthalate	13.80	163	2653214	37.804	ng	100
51) 2,6-Dinitrotoluene	13.93	165	595367	39.160	ng	95
52) Acenaphthene	14.40	154	1954049	38.224	ng	99
53) 3-Nitroaniline	14.27	138	641244	37.329	ng	99
54) 2,4-Dinitrophenol	14.47	184	295736	34.210	ng	95
55) Dibenzofuran	14.73	168	3180566	37.853	ng	99
56) 4-Nitrophenol	14.57	139	502901	36.673	ng	98
57) 2,4-Dinitrotoluene	14.72	165	827882	39.522	ng	98
58) Fluorene	15.39	166	2467621	38.388	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	617436	37.370	ng	99
60) Diethylphthalate	15.17	149	2695612	37.233	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	1374091	38.126	ng	98
62) 4-Nitroaniline	15.44	138	607643	36.081	ng	98
63) Azobenzene	15.67	77	2977896	38.362	ng	99
65) 4,6-Dinitro-2-methylphenol	15.48	198	468945	36.892	ng	99
66) n-Nitrosodiphenylamine	15.60	169	2313622	40.448	ng	99
67) 4-Bromophenyl-phenylether	16.28	248	814329	40.184	ng	97
68) Hexachlorobenzene	16.38	284	936796	39.771	ng	98
69) Atrazine	16.56	200	592745	32.144	ng	99
70) Pentachlorophenol	16.73	266	579572	38.214	ng	99
71) Phenanthrene	17.13	178	3695057	37.977	ng	100
72) Anthracene	17.22	178	3672262	38.777	ng	99
73) Carbazole	17.50	167	3670320	37.096	ng	99
74) Di-n-butylphthalate	18.05	149	4544651	39.939	ng	100
75) Fluoranthene	19.15	202	3844731	34.209	ng	98
77) Benzidine	19.35	184	1620137	50.409	ng	100
78) Pyrene	19.52	202	3934259	47.468	ng	99
80) Butylbenzylphthalate	20.42	149	1884811	49.898	ng	97
81) Benzo(a)anthracene	21.27	228	3173319	38.147	ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	1265579	38.495	ng	100
83) Chrysene	21.32	228	3018803	37.861	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	2677977	48.439	ng	99
85) Di-n-octyl phthalate	22.07	149	3908064	42.059	ng	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	3332421	36.200	ng	100
88) Benzo(b)fluoranthene	22.85	252	2865568	38.268	ng	100
89) Benzo(k)fluoranthene	22.90	252	2813640	37.742	ng	99
90) Benzo(a)pyrene	23.43	252	2699946	38.061	ng	99
91) Dibenzo(a,h)anthracene	25.81	278	2862970	40.736	ng	99
92) Benzo(g,h,i)perylene	26.50	276	2705591	41.351	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

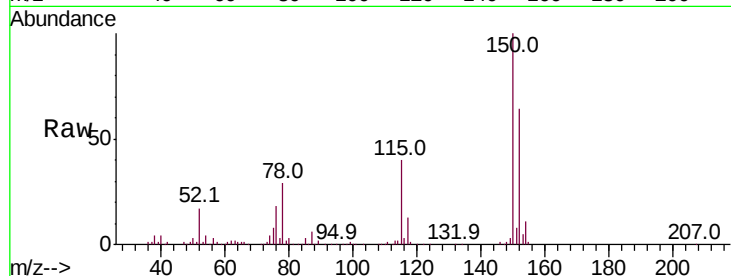


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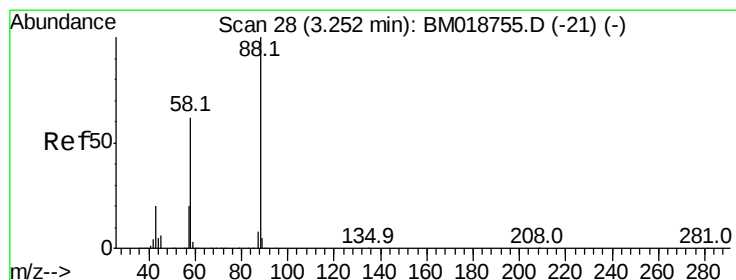
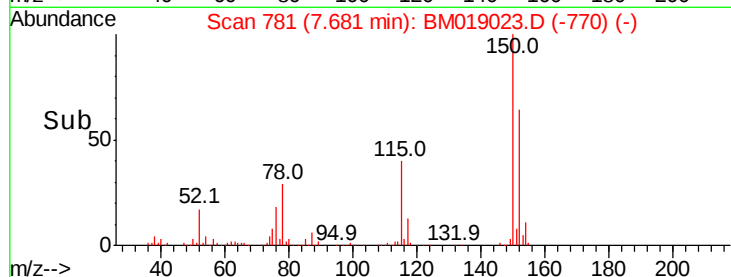
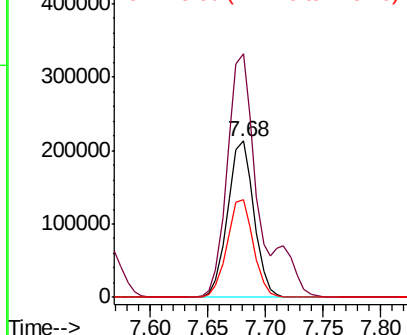
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 335664
Ion Ratio Lower Upper
152 100
150 155.6 127.3 190.9
115 62.2 50.8 76.2



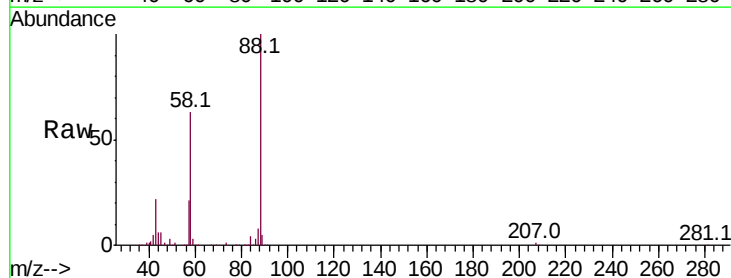
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



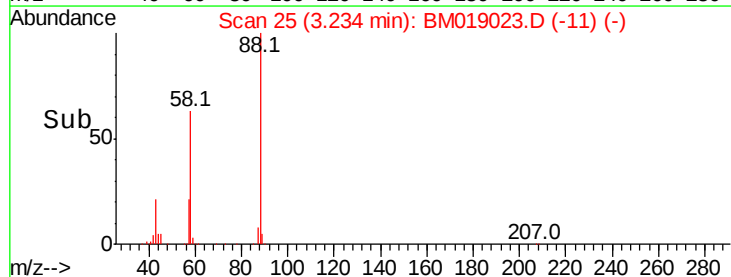
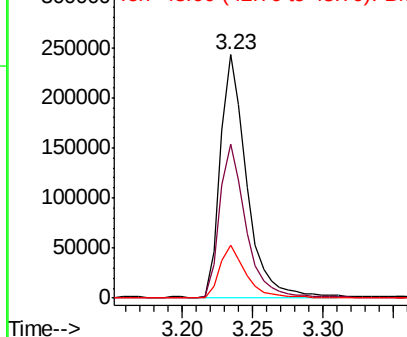
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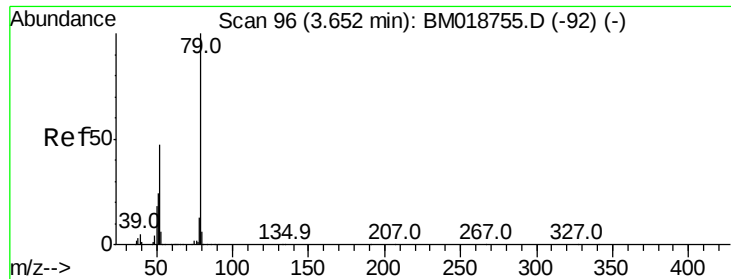
1,4-Dioxane
Concen: 35.144 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.02 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Tgt Ion: 88 Resp: 313583
Ion Ratio Lower Upper
88 100
58 63.9 49.8 74.6
43 21.8 16.7 25.1



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 39.654 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

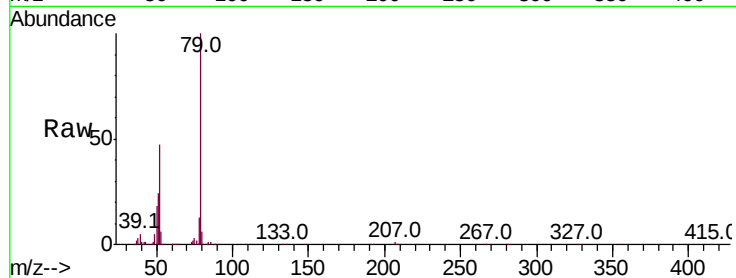
Tot Ion: 79 Resp: 965116

Ion Ratio Lower Upper

79 100

52 46.5 37.6 56.4

51 23.7 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)

3.63

600000

500000

400000

300000

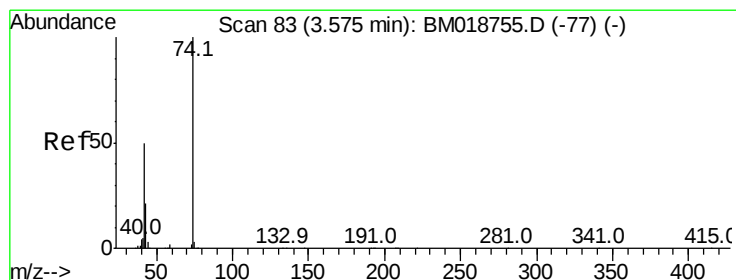
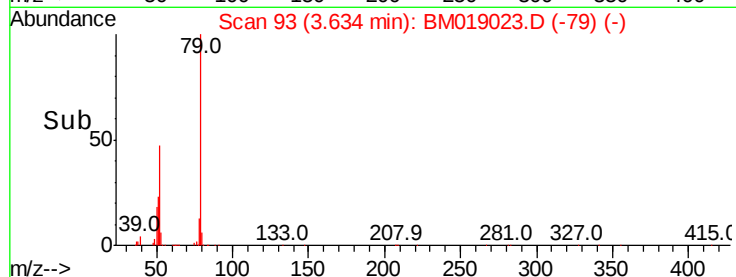
200000

100000

0

Time-->

3.50 3.60 3.70 3.80 3.90



#4

n-Nitrosodimethylamine

Concen: 40.704 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

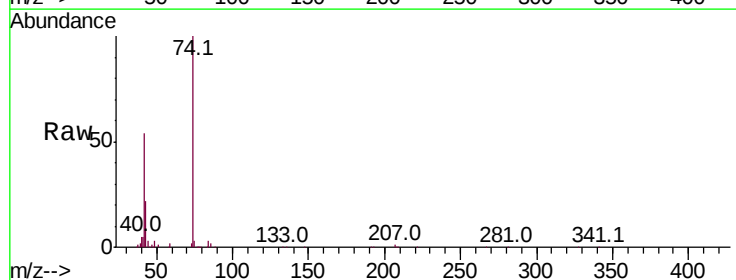
Tgt Ion: 42 Resp: 252024

Ion Ratio Lower Upper

42 100

74 184.9 158.1 237.1

44 5.6 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)

3.55

300000

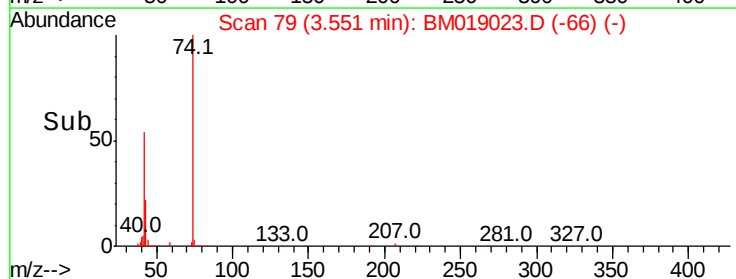
200000

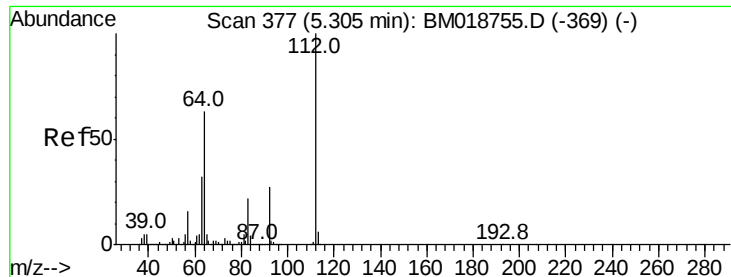
100000

0

Time-->

3.50 3.60 3.70





#5

2-Fluorophenol

Concen: 77.270 ng

RT: 5.27 min Scan# 372

Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

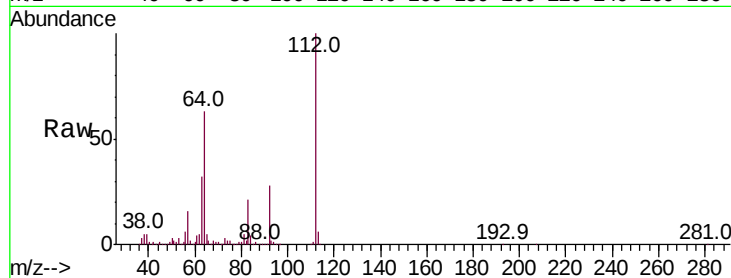
Tot Ion:112 Resp: 1582974

Ion Ratio Lower Upper

112 100

64 62.7 50.6 75.8

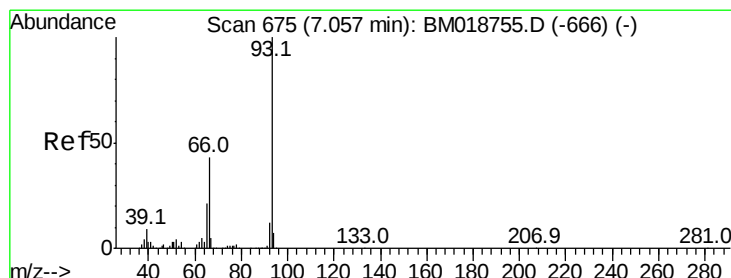
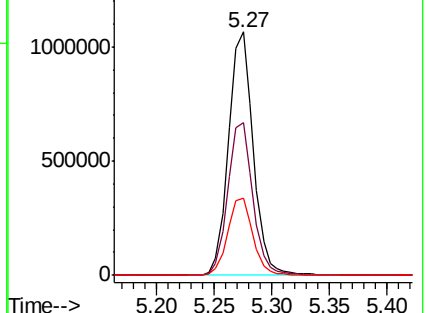
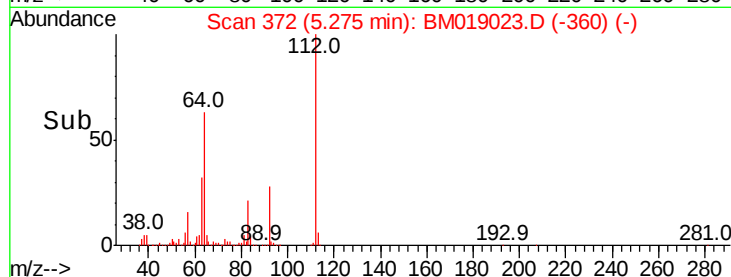
63 31.7 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 39.664 ng

RT: 7.03 min Scan# 670

Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

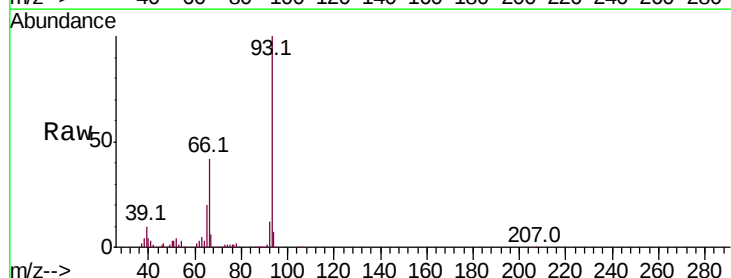
Tgt Ion: 93 Resp: 1402567

Ion Ratio Lower Upper

93 100

66 42.1 34.1 51.1

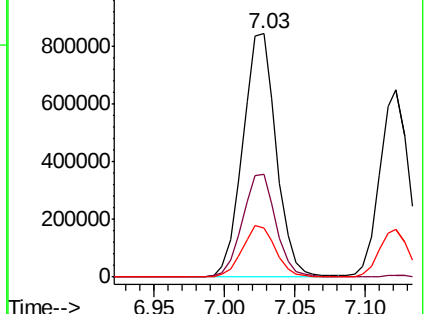
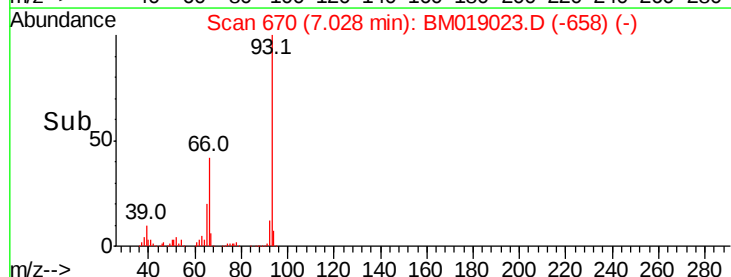
65 20.4 16.6 24.8

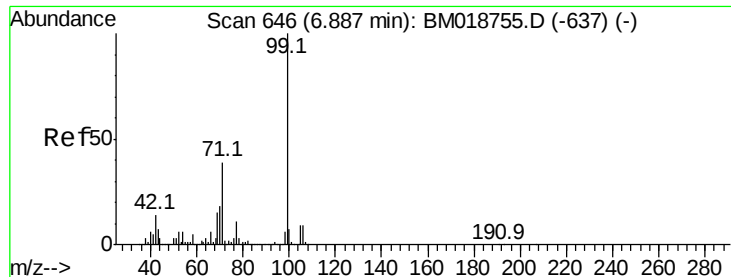


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 81.228 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

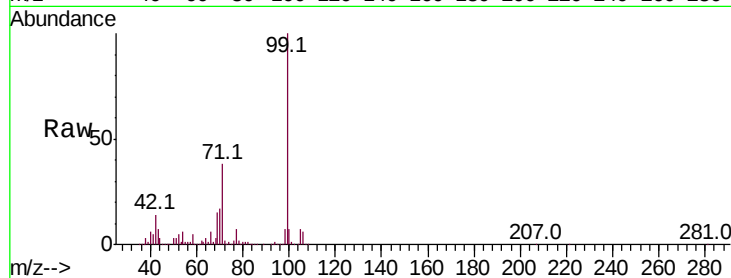
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2344253

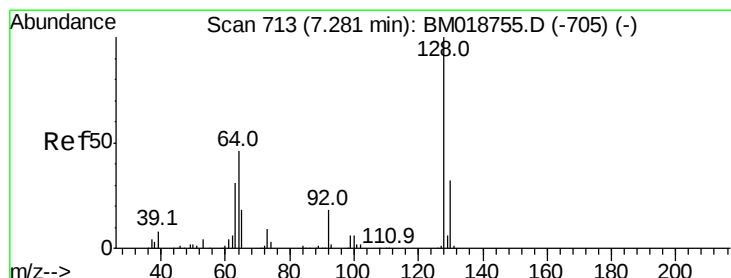
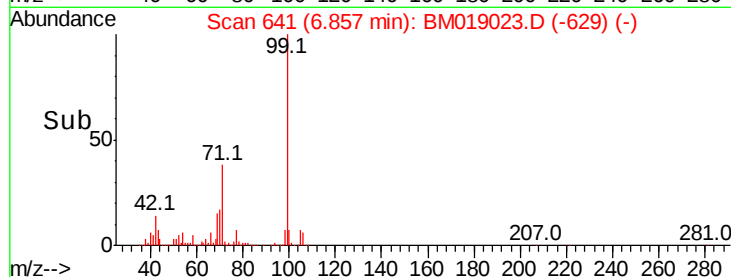
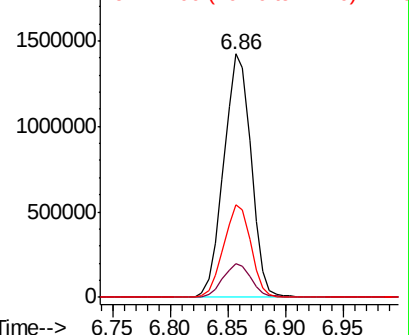
Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.0	16.6
71	38.0	31.3	46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 40.076 ng

RT: 7.25 min Scan# 707

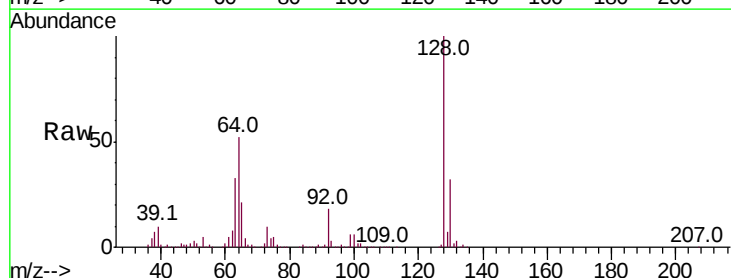
Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Tgt Ion: 128 Resp: 901400

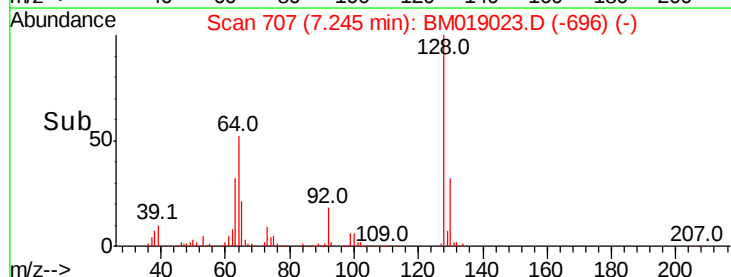
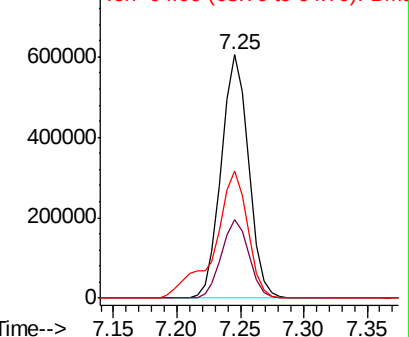
Ion	Ratio	Lower	Upper
128	100		
130	32.1	11.7	51.7
64	52.3	31.0	71.0

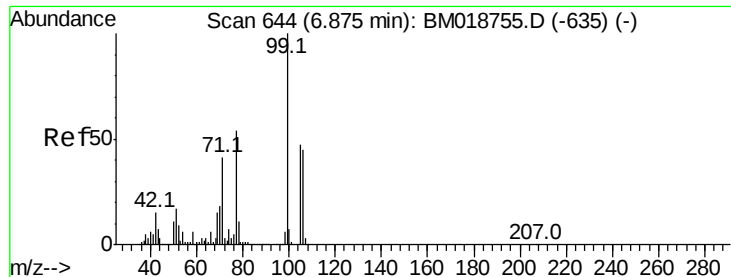


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 38.813 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

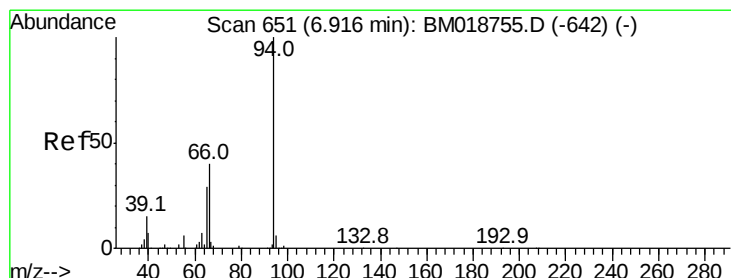
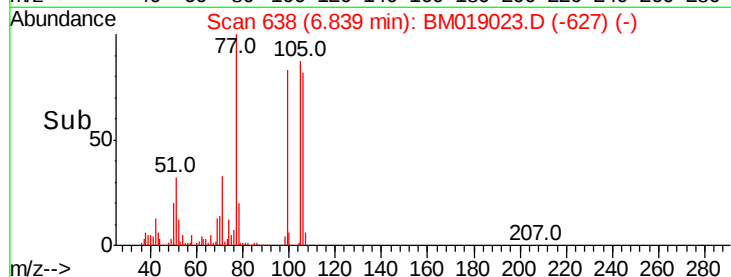
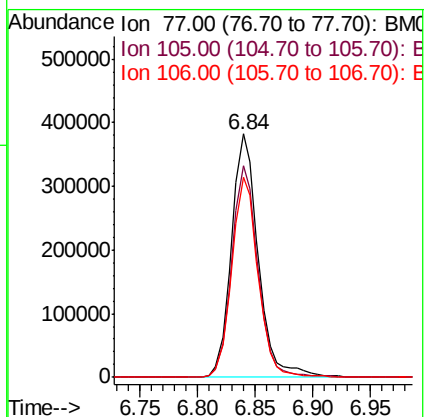
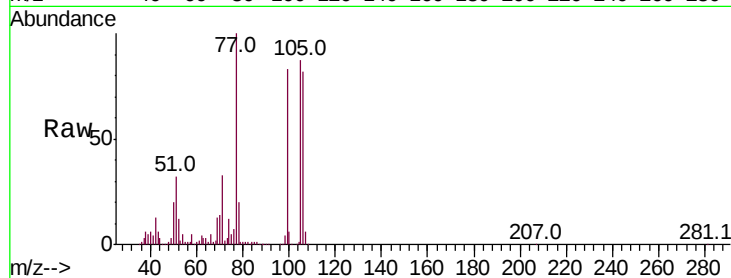
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 617007

Ion	Ratio	Lower	Upper
77	100		
105	86.9	67.3	107.3
106	82.3	62.9	102.9



#10

Phenol

Concen: 40.137 ng

RT: 6.89 min Scan# 646

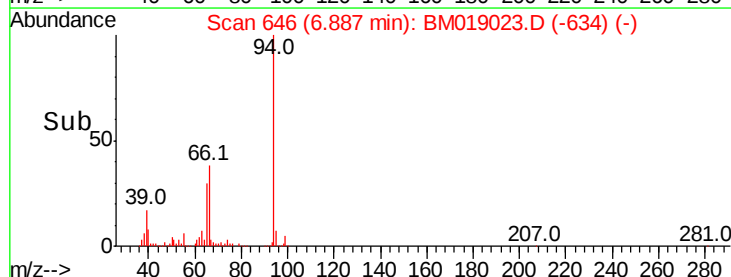
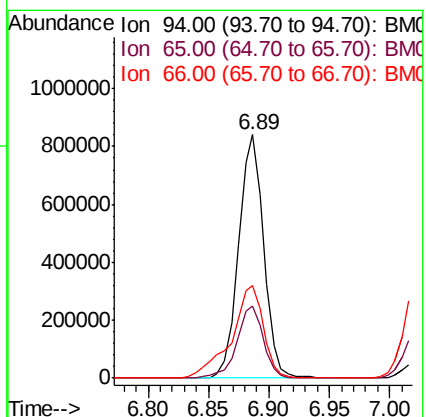
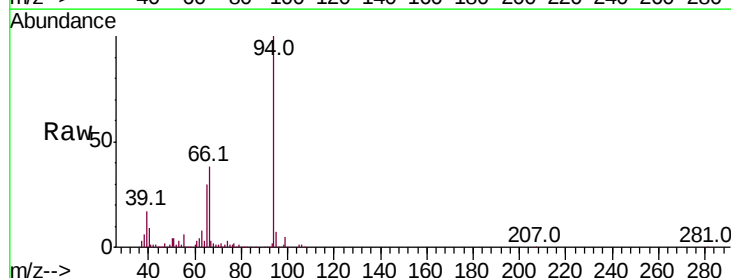
Delta R.T. -0.03 min

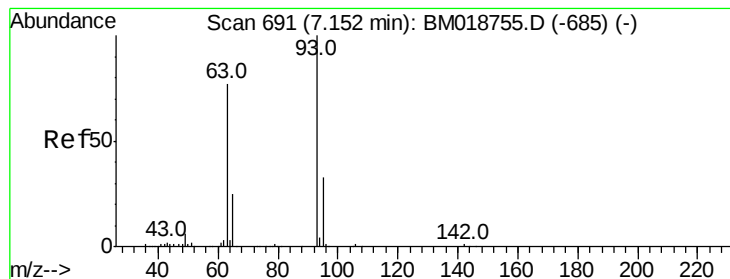
Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Tgt Ion: 94 Resp: 1218841

Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.6	49.6
66	38.0	20.4	60.4





#11

bis(2-Chloroethyl)ether

Concen: 40.087 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampled :

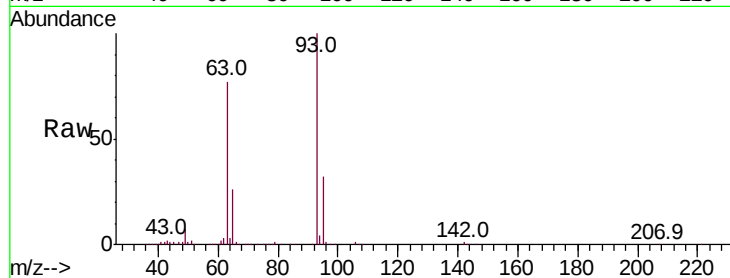
Tot Ion: 93 Resp: 928588

Ion Ratio Lower Upper

93 100

63 76.6 57.0 97.0

95 32.4 12.4 52.4

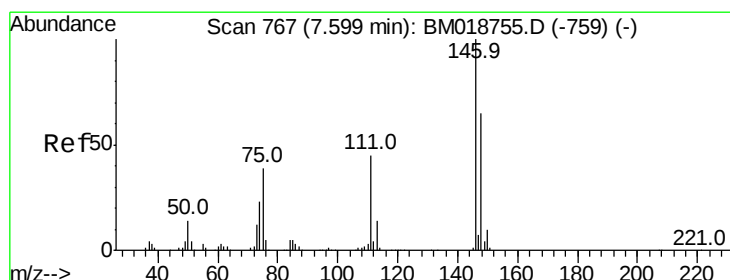
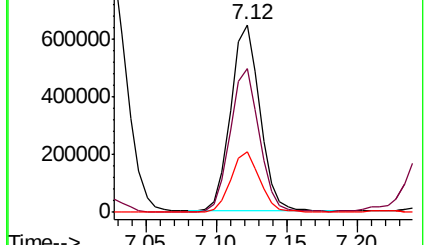
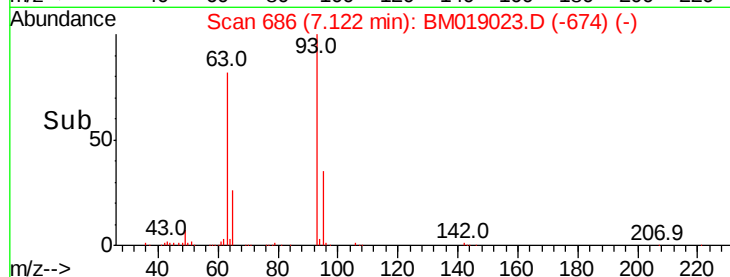


Abundance Ion 93.00 (92.70 to 93.70): BM018755.D (-685) (-)

Ion 63.00 (62.70 to 63.70): BM018755.D (-685) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-685) (-)

Time-->



#12

1,3-Dichlorobenzene

Concen: 38.682 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

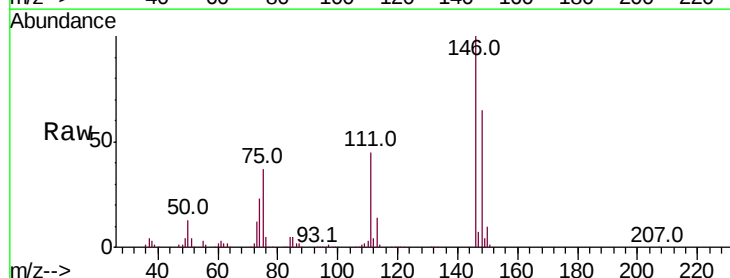
Tgt Ion: 146 Resp: 978317

Ion Ratio Lower Upper

146 100

148 64.6 51.7 77.5

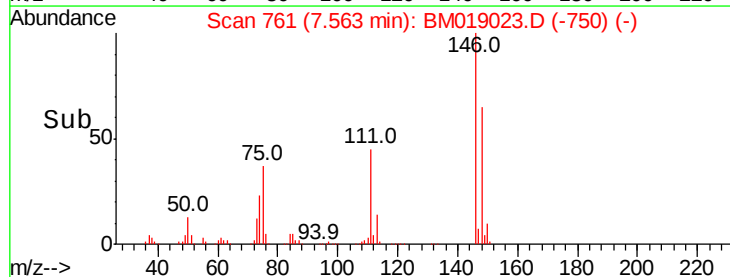
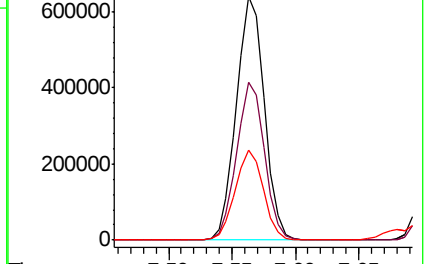
75 36.9 31.3 46.9

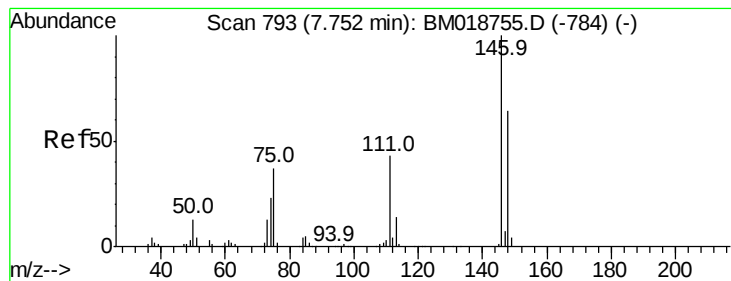


Abundance Ion 146.00 (145.70 to 146.70): BM018755.D (-759) (-)

Ion 148.00 (147.70 to 148.70): BM018755.D (-759) (-)

Ion 75.00 (74.70 to 75.70): BM018755.D (-759) (-)





#13

1,4-Dichlorobenzene

Concen: 38.786 ng

RT: 7.72 min Scan# 787

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

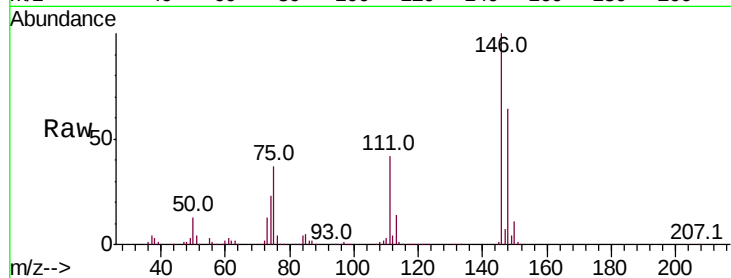
Tot Ion:146 Resp: 998666

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.2

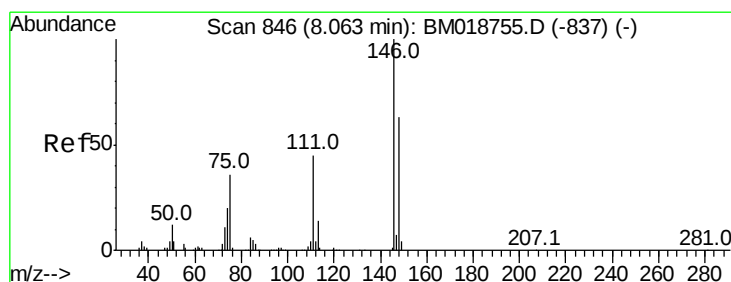
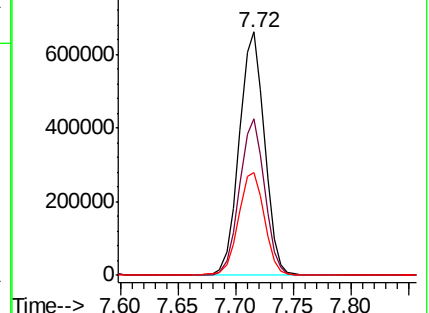
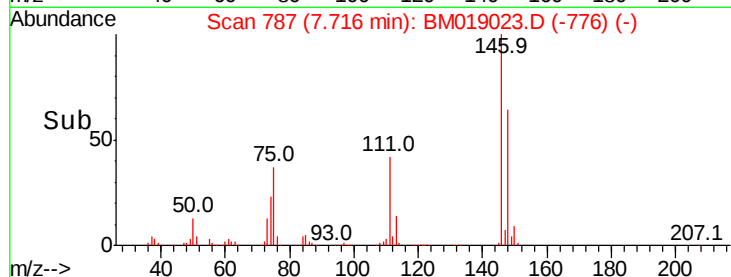
111 42.4 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.249 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

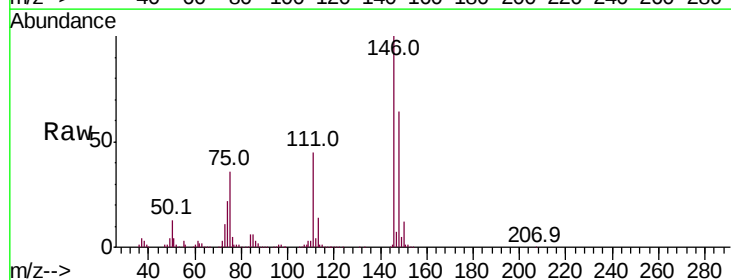
Tgt Ion:146 Resp: 970723

Ion Ratio Lower Upper

146 100

148 64.0 50.7 76.1

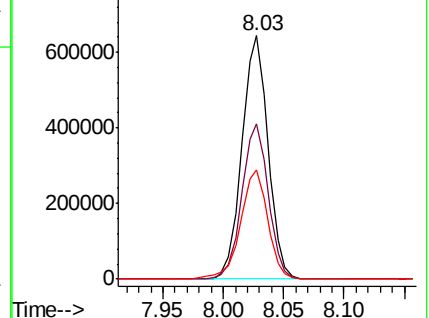
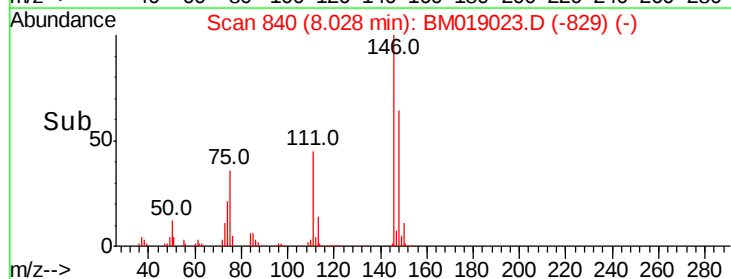
111 44.8 35.9 53.9

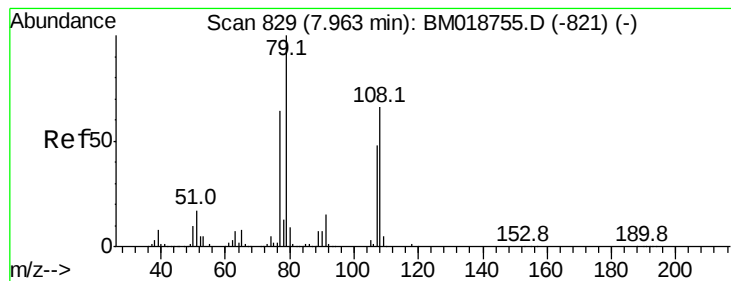


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.801 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

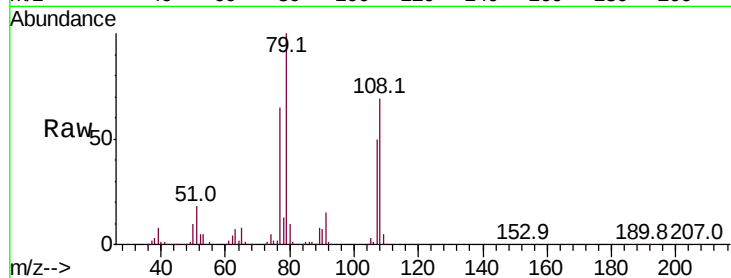
Tot Ion: 79 Resp: 935639

Ion Ratio Lower Upper

79 100

108 68.6 52.7 79.1

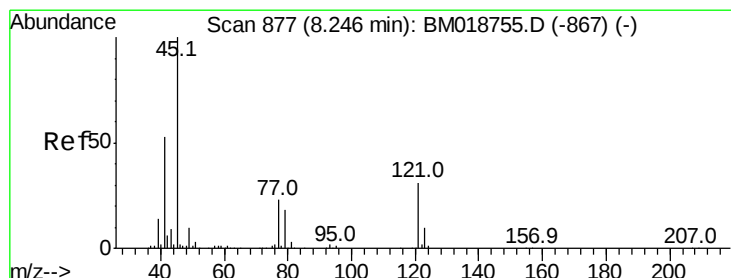
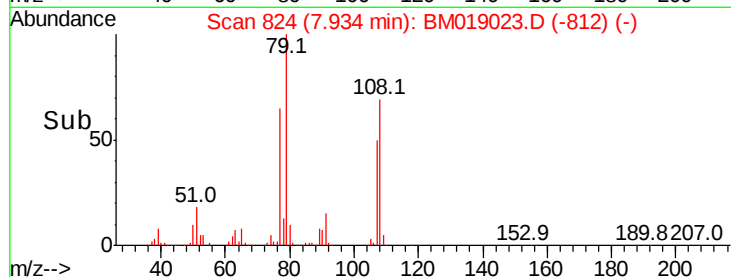
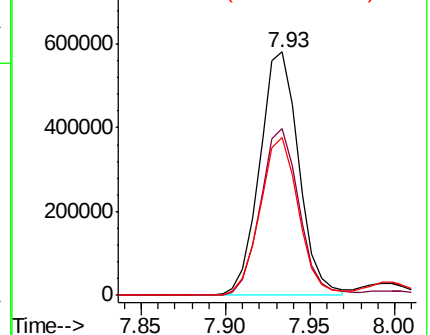
77 65.0 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.169 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

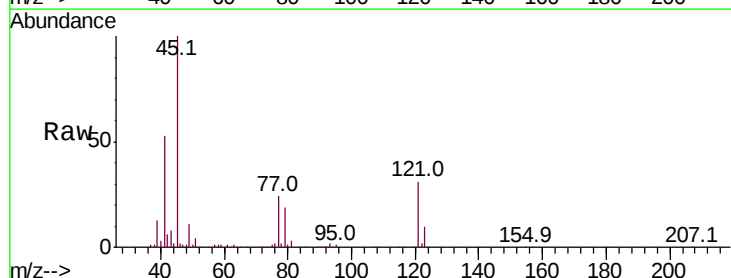
Tgt Ion: 45 Resp: 923006

Ion Ratio Lower Upper

45 100

77 24.0 5.0 45.0

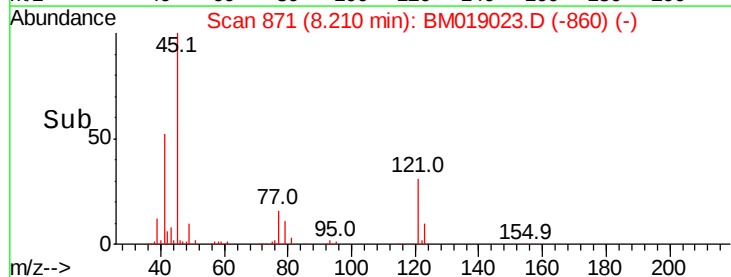
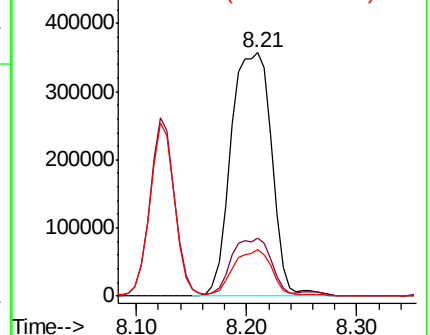
79 19.0 0.0 39.3

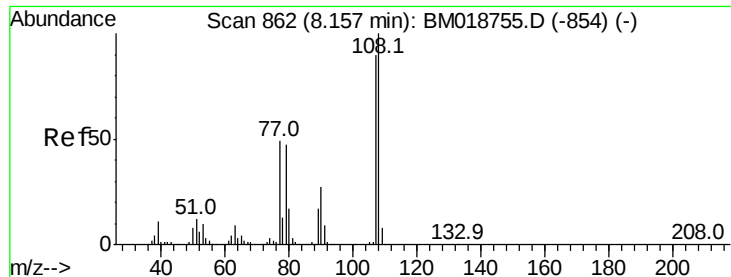


Abundance Ion 45.00 (44.70 to 45.70): BM018755.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-867) (-)

Ion 79.00 (78.70 to 79.70): BM018755.D (-867) (-)

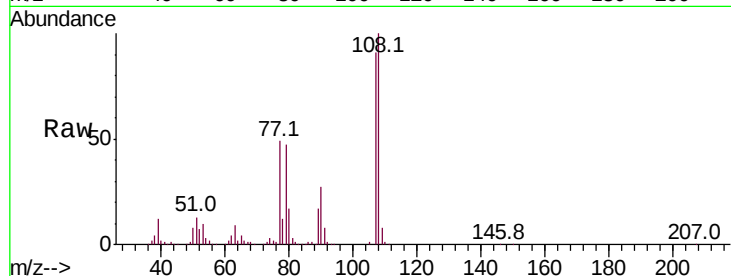




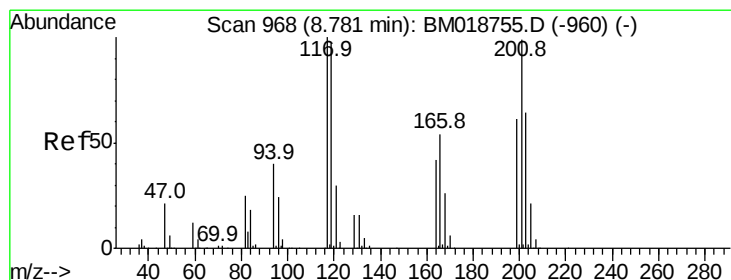
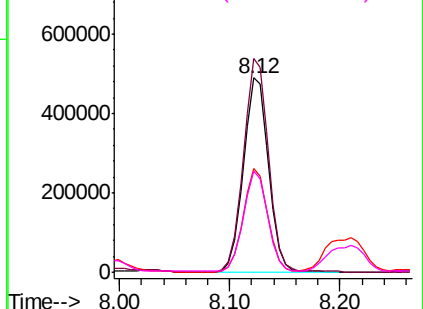
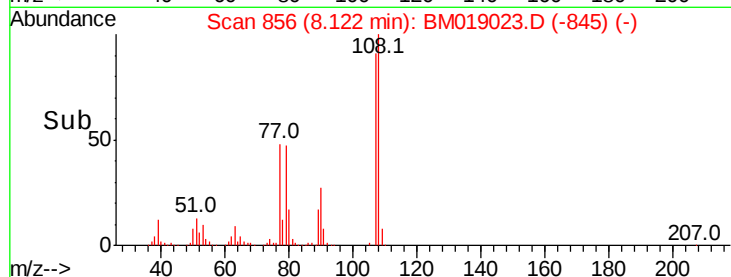
#17
2-Methylphenol
Concen: 40.299 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.04 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:107 Resp: 778884
Ion Ratio Lower Upper
107 100
108 109.9 88.8 133.2
77 53.4 44.0 66.0
79 52.0 42.4 63.6

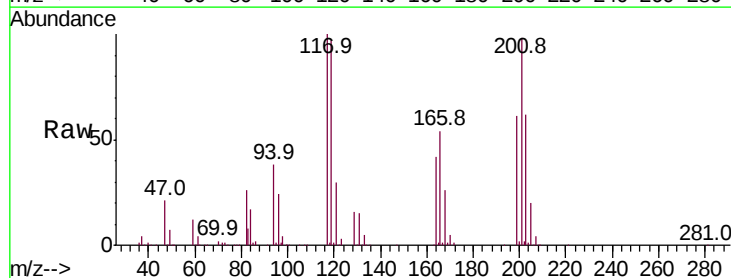


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

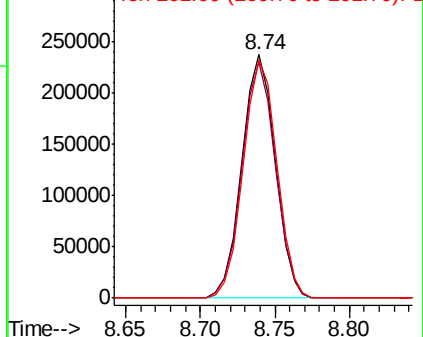
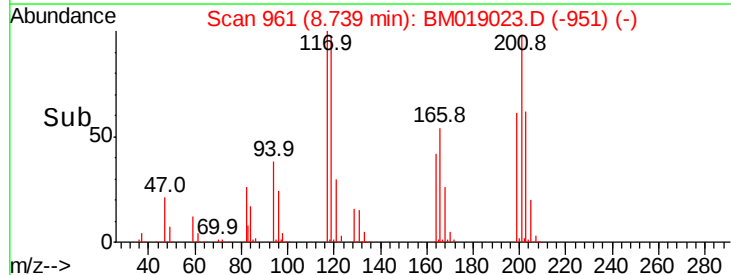


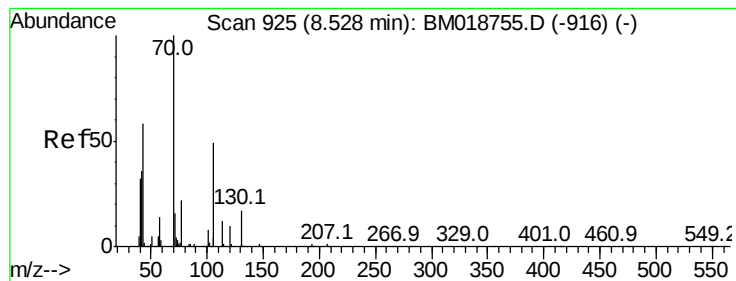
#18
Hexachloroethane
Concen: 39.331 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Tgt Ion:117 Resp: 369671
Ion Ratio Lower Upper
117 100
119 96.7 77.9 116.9
201 97.9 79.2 118.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.061 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.04 min

Lab File: BM019023.D

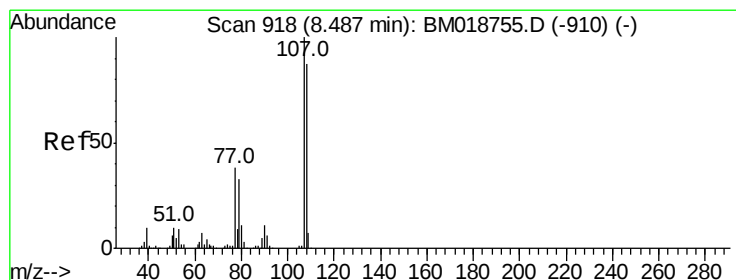
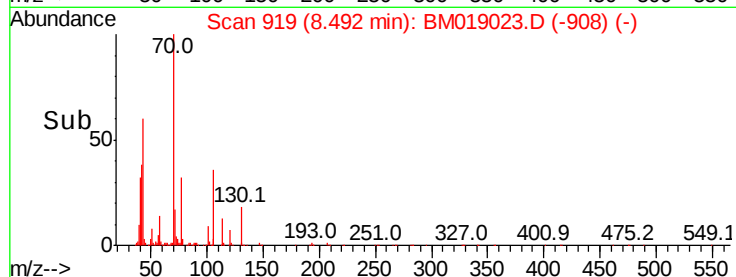
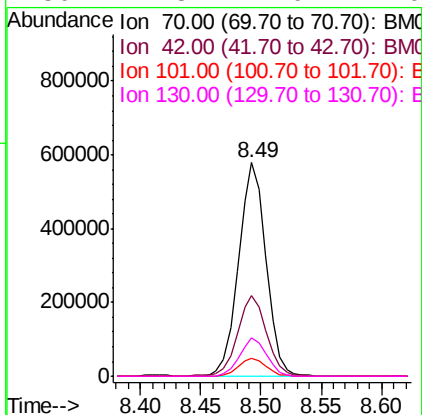
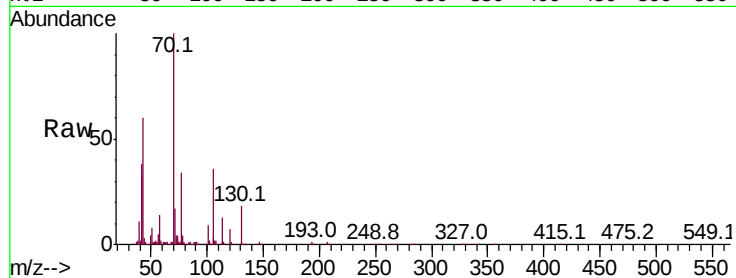
Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	70	Resp:	917537
Ion	Ratio	Lower	Upper
70	100		
42	38.0	29.4	44.0
101	8.7	6.7	10.1
130	17.8	14.0	21.0



#20

3+4-Methylphenols

Concen: 40.931 ng

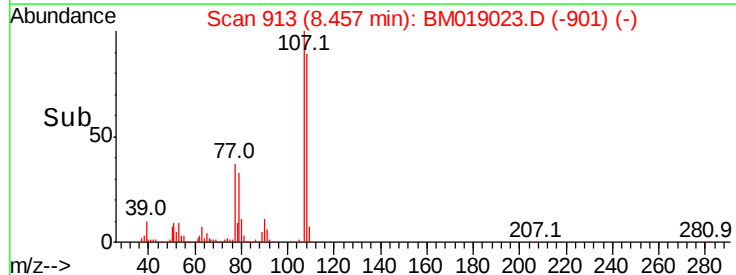
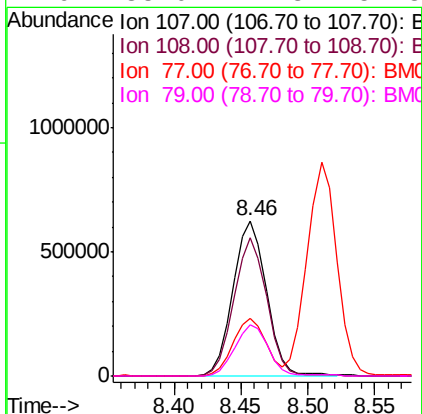
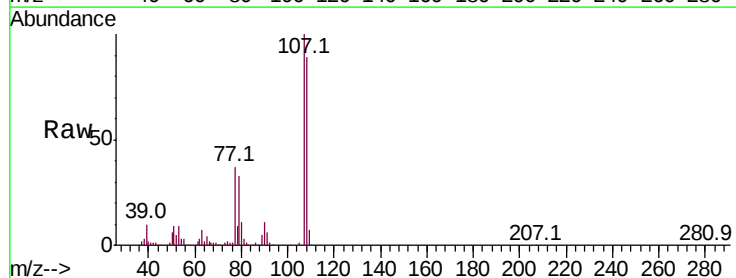
RT: 8.46 min Scan# 913

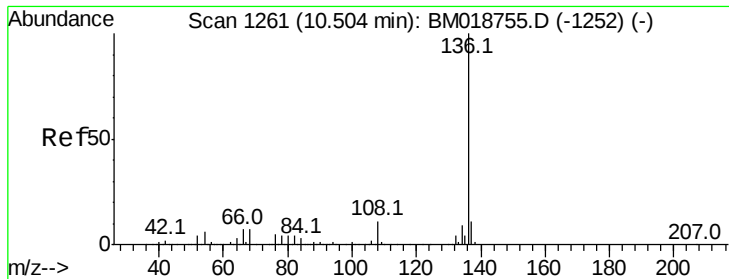
Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Tgt Ion:	107	Resp:	1092386
Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.3	107.3
77	37.2	18.0	58.0
79	33.0	12.8	52.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1255

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1449148

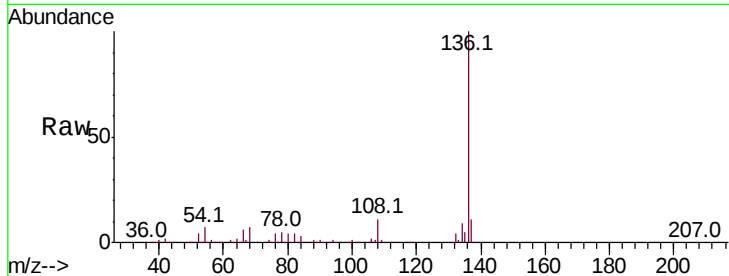
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.5 5.0 7.6

68 7.2 5.5 8.3

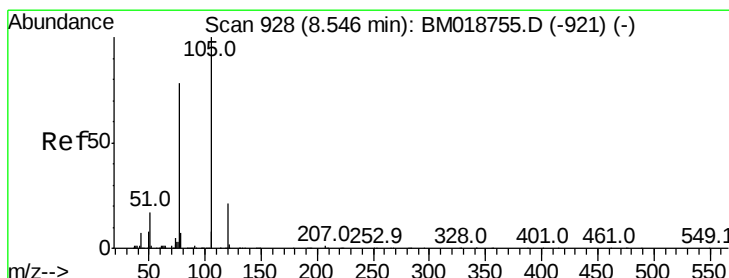
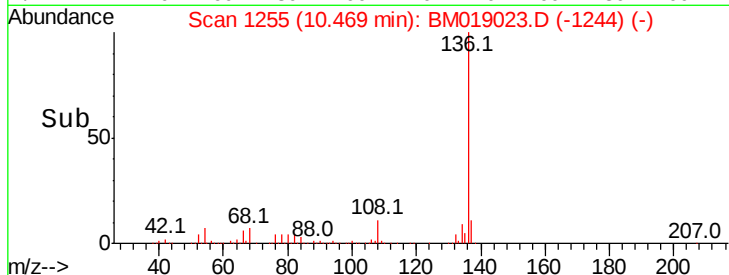
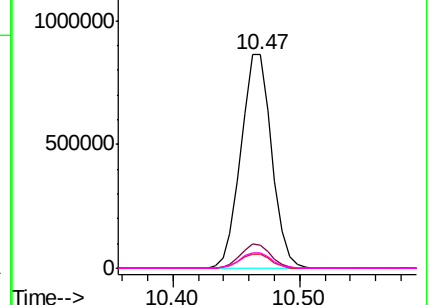


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 38.612 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Tgt Ion:105 Resp: 1536620

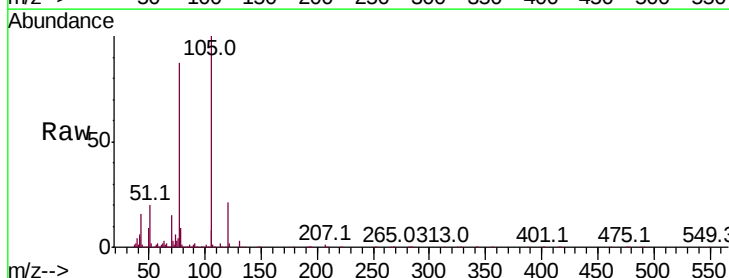
Ion Ratio Lower Upper

105 100

71 2.5 1.1 1.7#

51 20.3 15.5 23.3

120 20.8 17.0 25.4

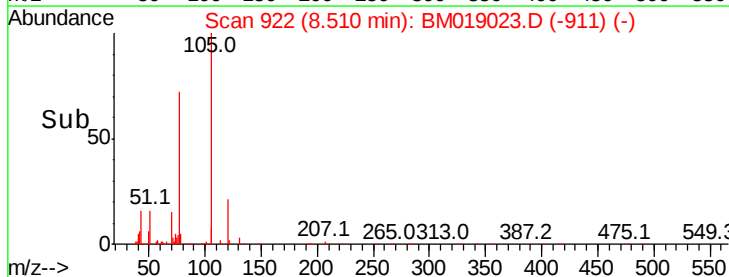
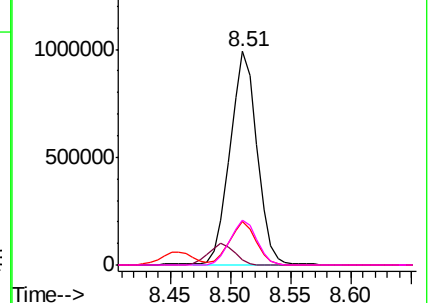


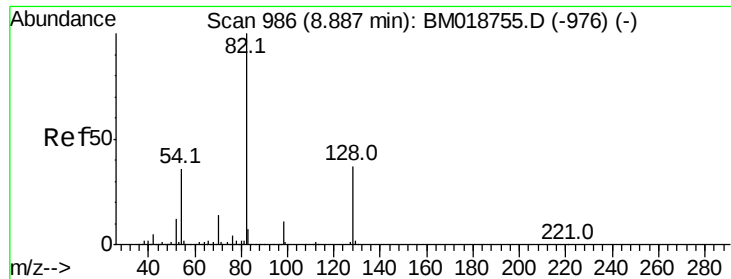
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

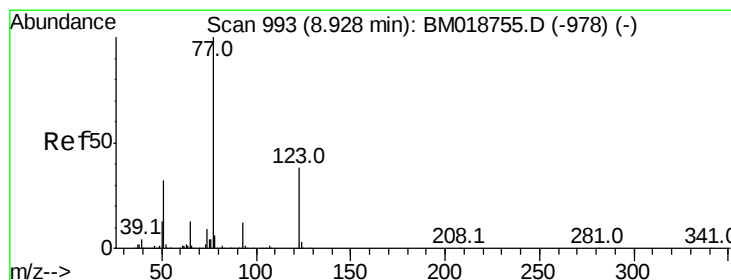
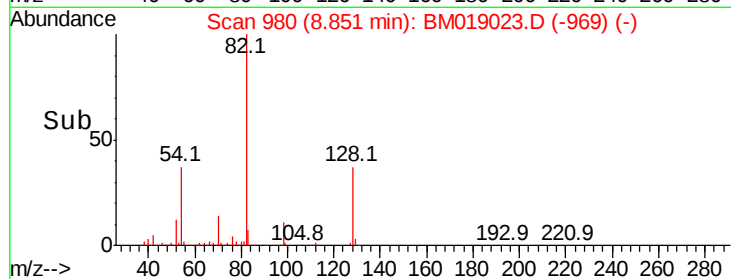
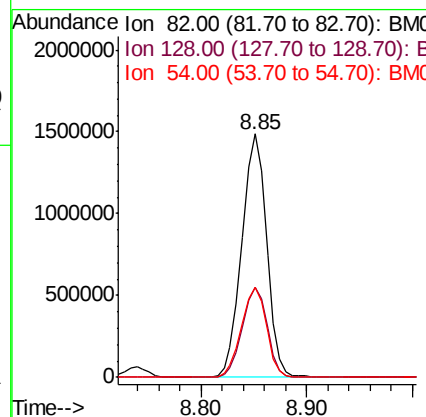
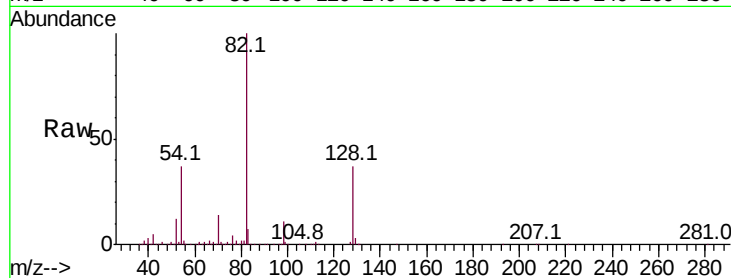




#23
 Nitrobenzene-d5
 Concen: 77.315 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.04 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

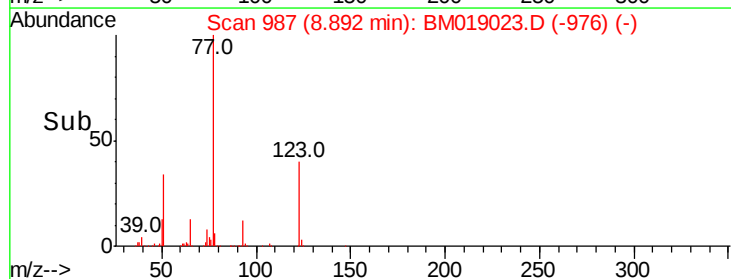
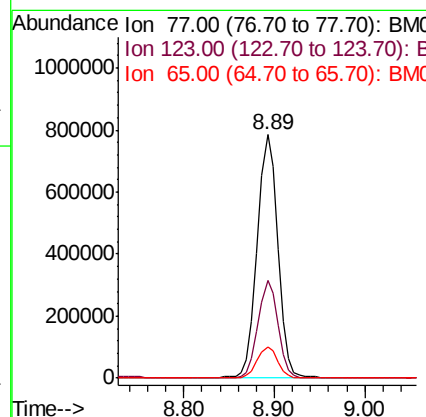
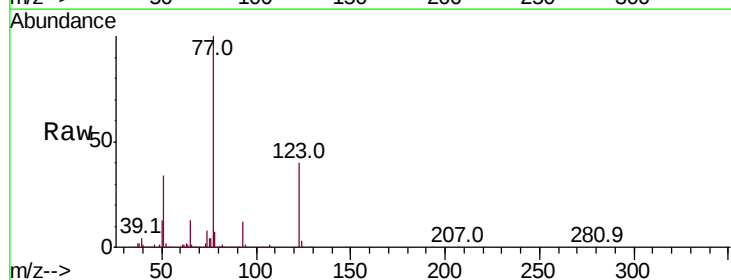
Instrument :
 BNA_M
 ClientSampleId :

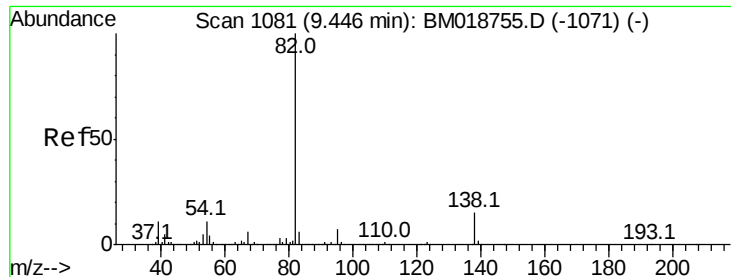
Tot Ion: 82 Resp: 2423116
 Ion Ratio Lower Upper
 82 100
 128 37.2 29.9 44.9
 54 37.2 29.1 43.7



#24
 Nitrobenzene
 Concen: 37.968 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.04 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

Tgt Ion: 77 Resp: 1235158
 Ion Ratio Lower Upper
 77 100
 123 39.9 30.7 46.1
 65 12.7 10.5 15.7

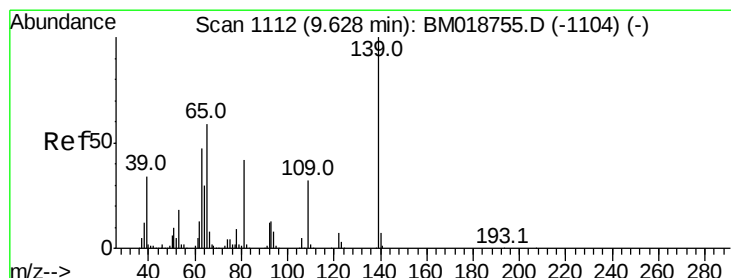
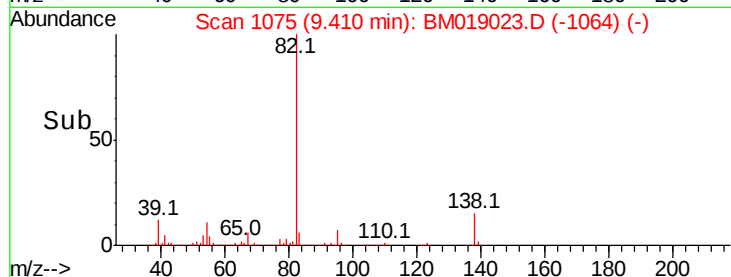
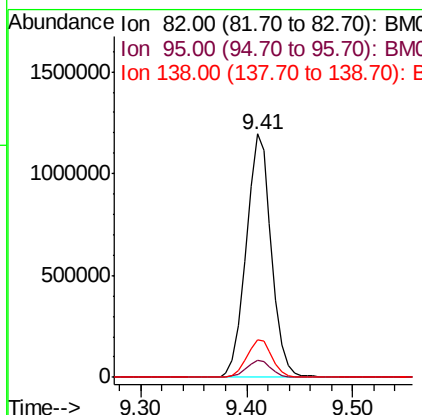
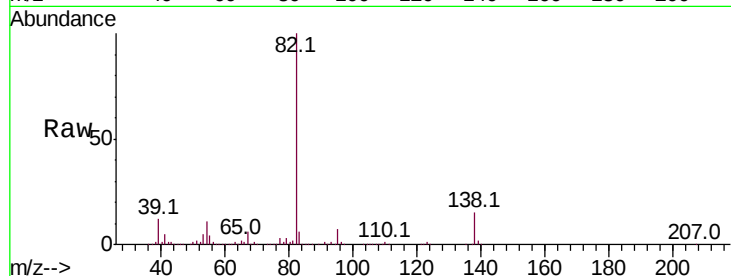




#25
Isophorone
Concen: 39.443 ng
RT: 9.41 min Scan# 1075
Delta R.T. -0.04 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

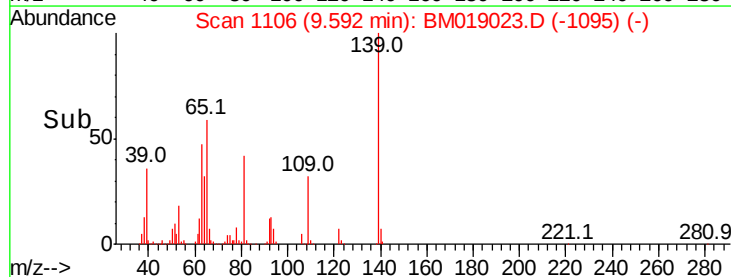
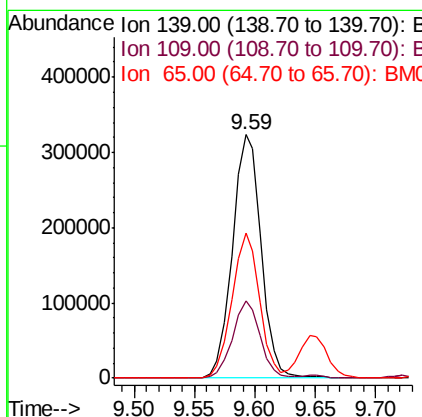
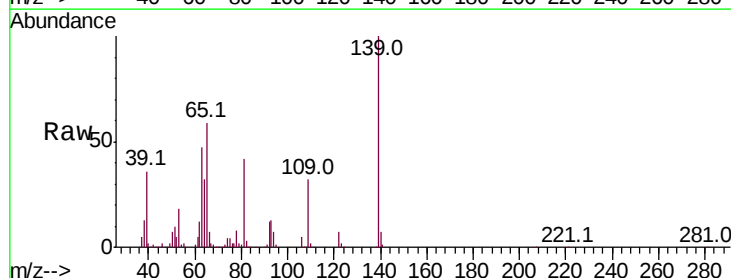
Instrument :
BNA_M
ClientSampleId :

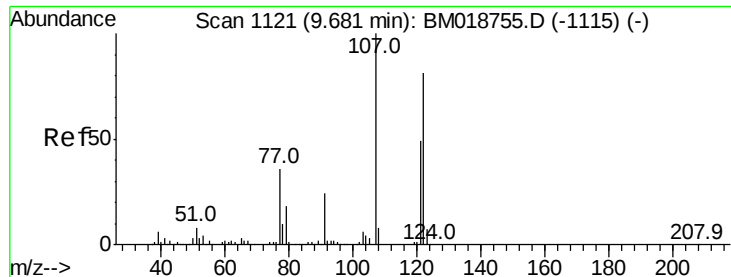
Tot Ion: 82 Resp: 1972406
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 15.4 12.3 18.5



#26
2-Nitrophenol
Concen: 41.386 ng
RT: 9.59 min Scan# 1106
Delta R.T. -0.04 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Tgt Ion:139 Resp: 536171
Ion Ratio Lower Upper
139 100
109 31.6 25.2 37.8
65 59.4 47.0 70.4

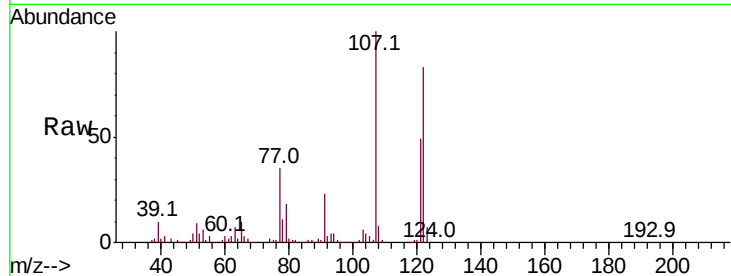




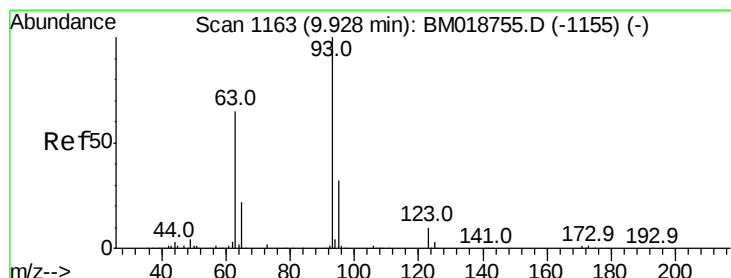
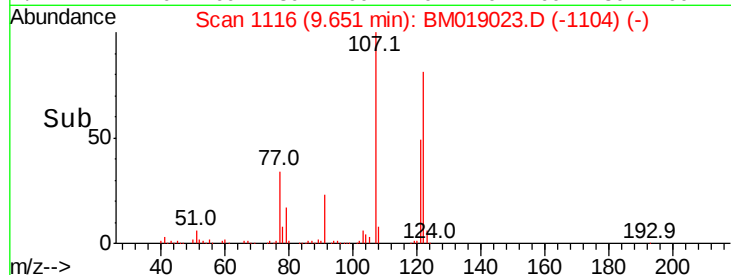
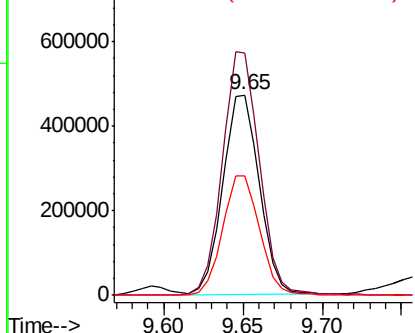
#27
2,4-Dimethylphenol
Concen: 39.868 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:122 Resp: 754375
Ion Ratio Lower Upper
122 100
107 120.8 97.6 146.4
121 59.7 47.9 71.9

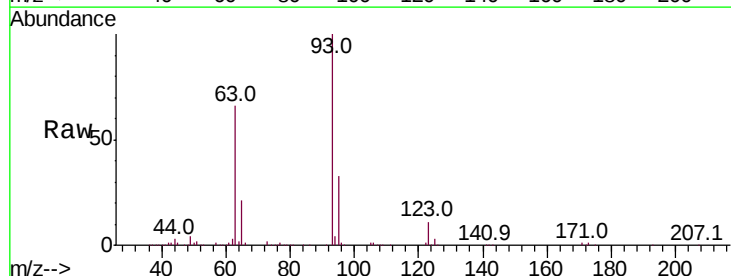


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

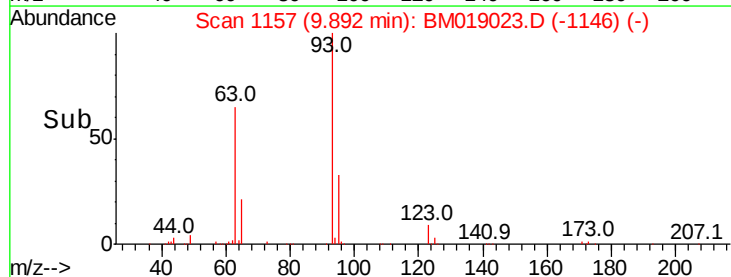
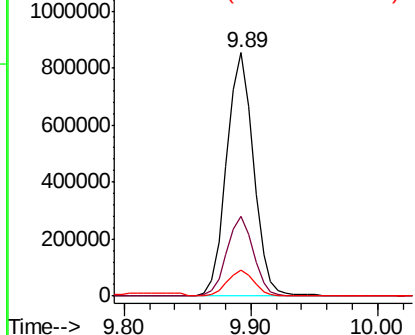


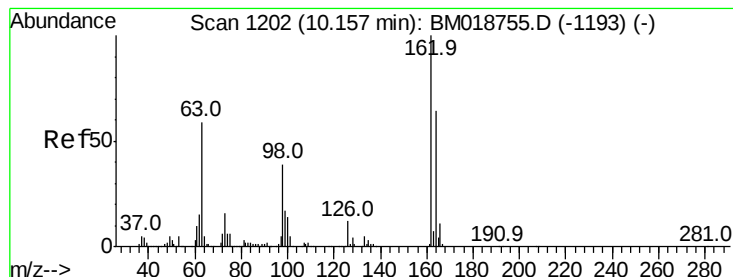
#28
bis(2-Chloroethoxy)methane
Concen: 38.819 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.04 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Tgt Ion: 93 Resp: 1255328
Ion Ratio Lower Upper
93 100
95 32.6 25.6 38.4
123 10.5 8.2 12.4



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.095 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

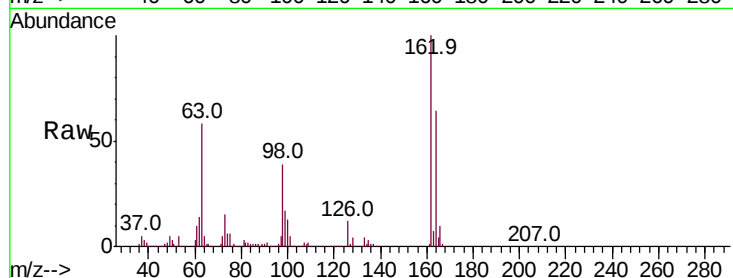
Tot Ion:162 Resp: 871140

Ion Ratio Lower Upper

162 100

164 64.4 44.1 84.1

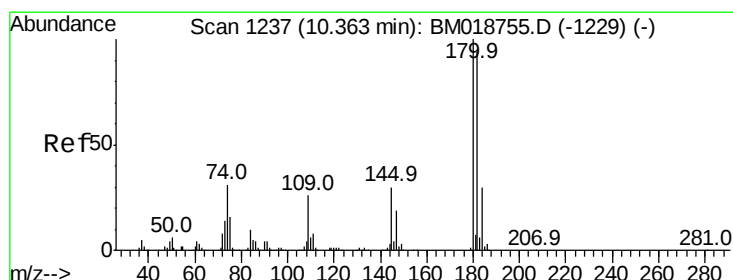
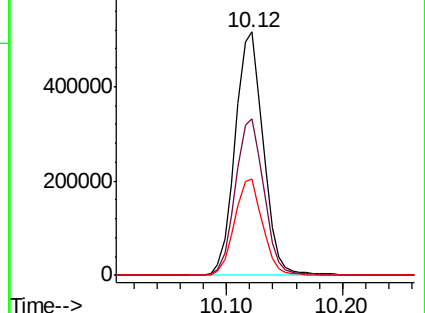
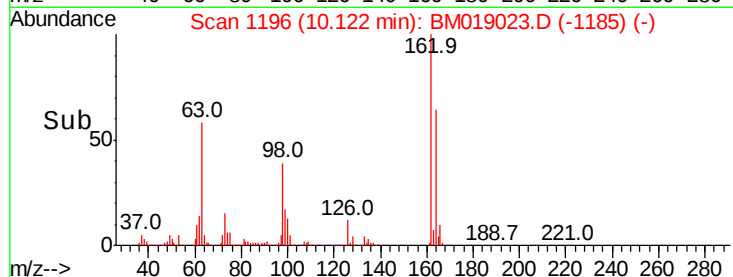
98 39.4 19.4 59.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 38.497 ng

RT: 10.33 min Scan# 1231

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

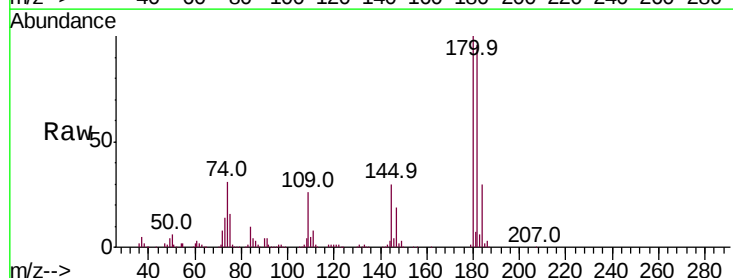
Tgt Ion:180 Resp: 965937

Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.6

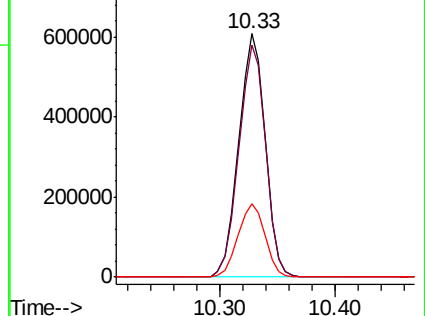
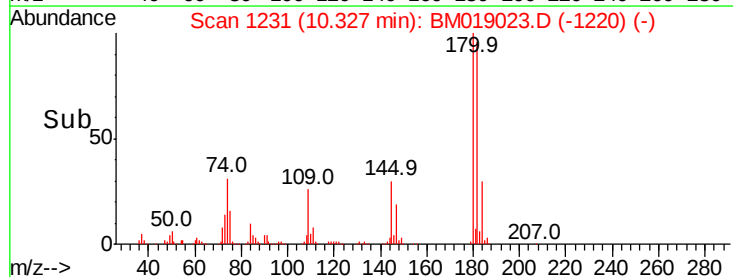
145 30.0 24.1 36.1

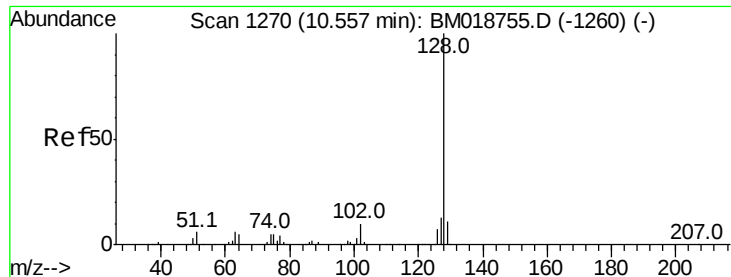


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

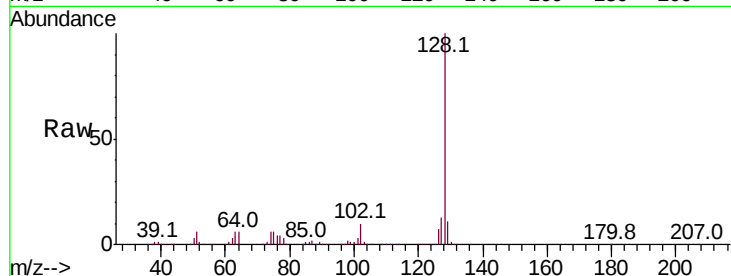




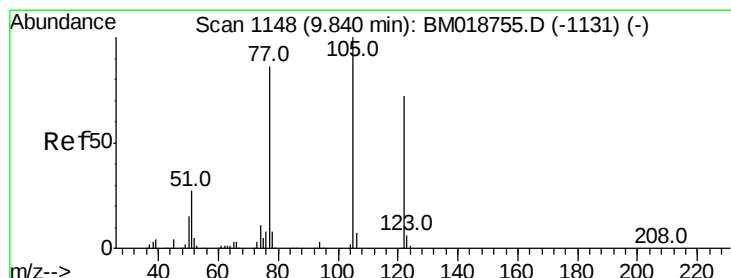
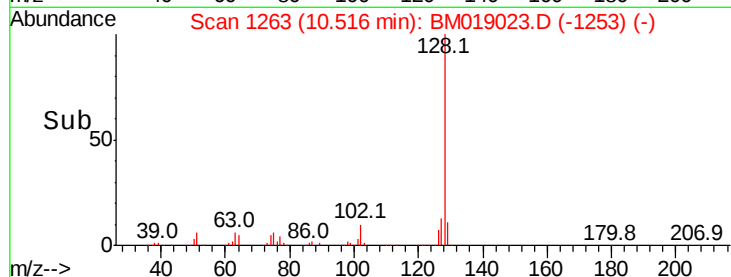
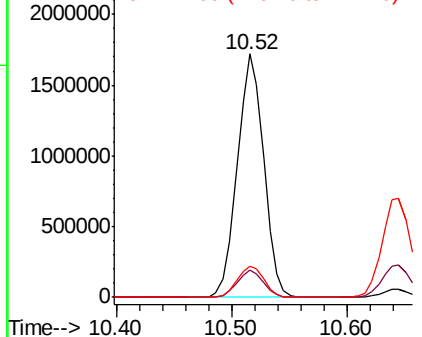
#31
Naphthalene
Concen: 38.492 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.04 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 2720460
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.9 10.7 16.1

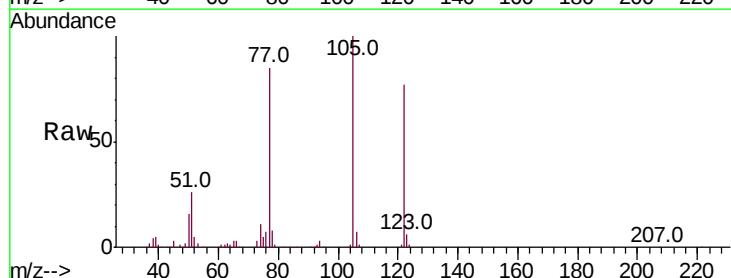


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

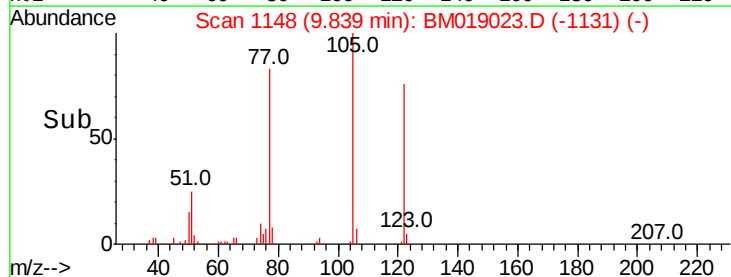
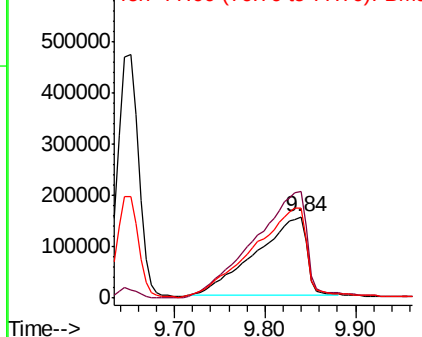


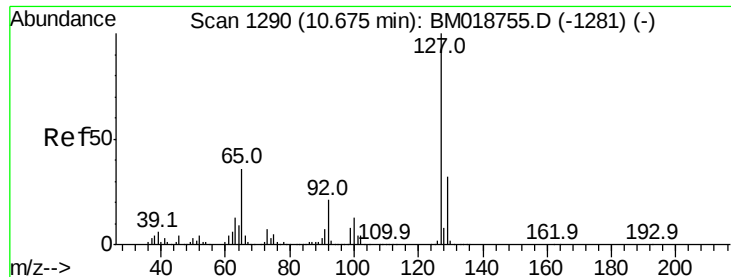
#32
Benzoic acid
Concen: 36.483 ng
RT: 9.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Tgt Ion:122 Resp: 602174
Ion Ratio Lower Upper
122 100
105 130.3 117.5 157.5
77 110.2 98.5 138.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

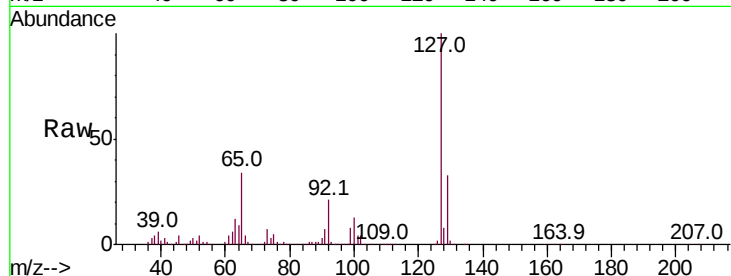




#33
4-Chloroaniline
Concen: 39.300 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.03 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	1241618
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.7	38.5
65	34.3	28.7	43.1
92	20.9	17.0	25.4



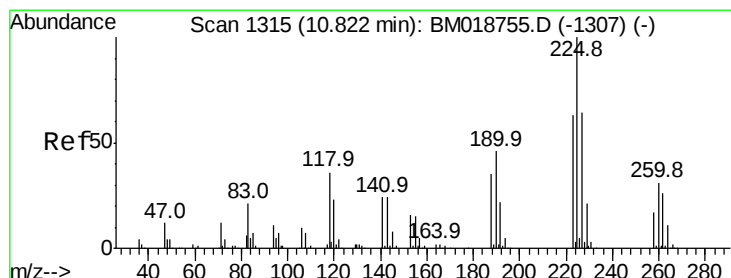
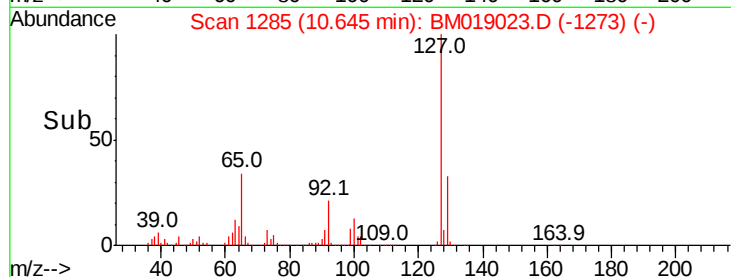
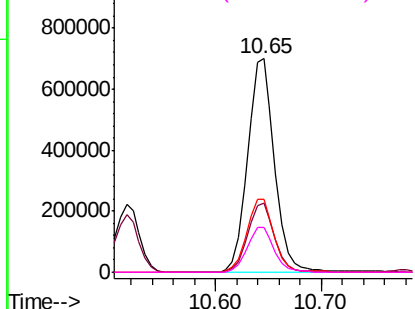
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

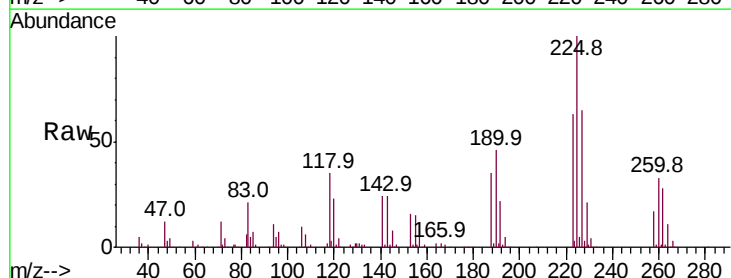
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 37.515 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Tgt Ion:	225	Resp:	546371
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.1	75.1
227	65.4	51.4	77.0

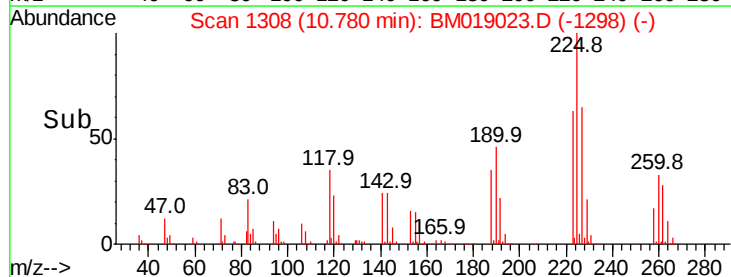
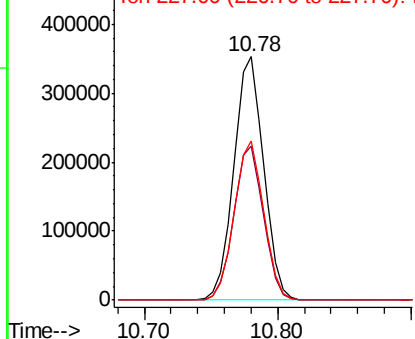


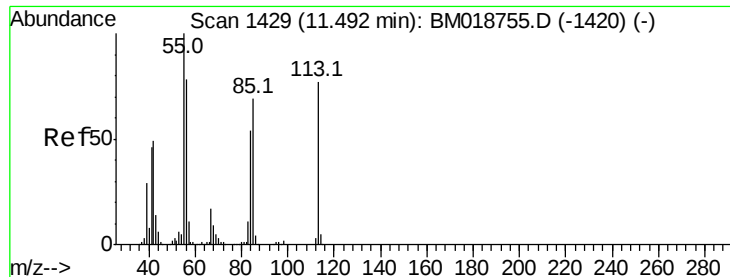
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.351 ng

RT: 11.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

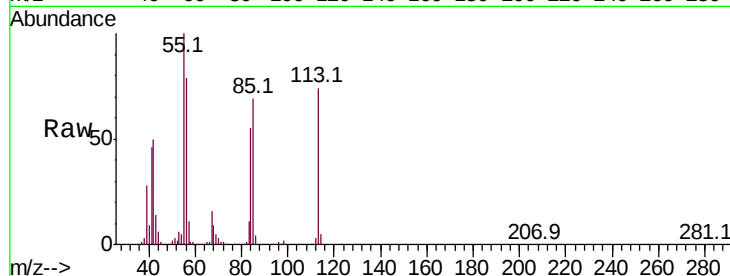
Tot Ion:113 Resp: 313461

Ion Ratio Lower Upper

113 100

55 135.2 110.7 150.7

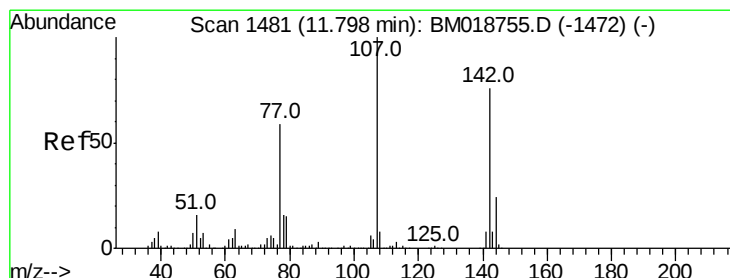
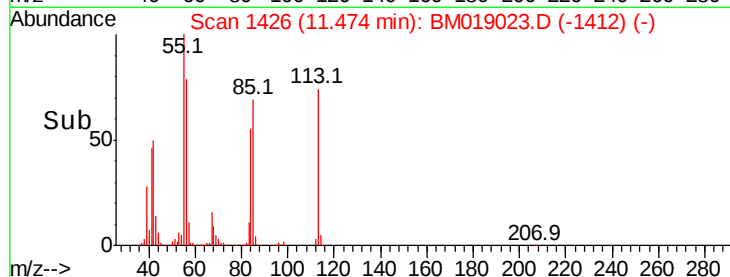
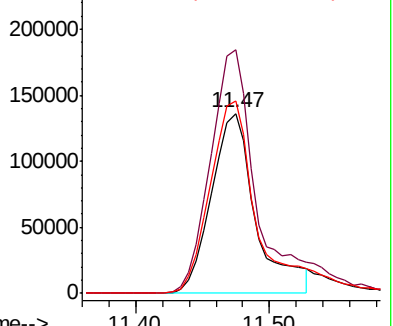
56 106.6 82.4 122.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 39.190 ng

RT: 11.77 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

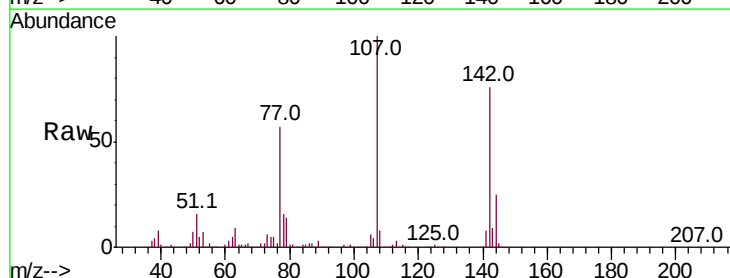
Tgt Ion:107 Resp: 1026597

Ion Ratio Lower Upper

107 100

144 25.1 19.3 28.9

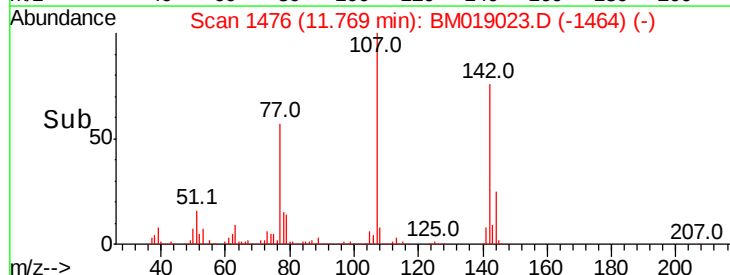
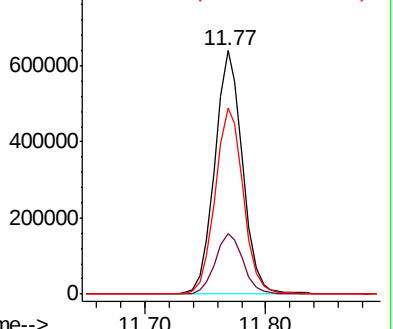
142 76.4 60.5 90.7

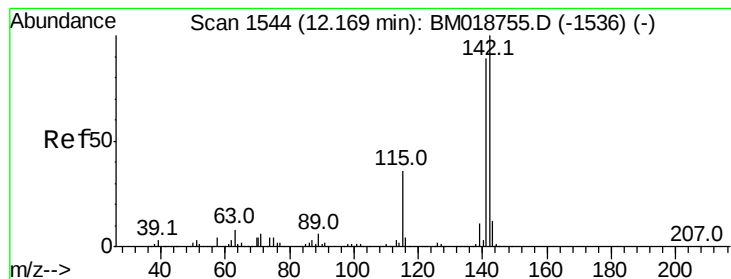


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.738 ng

RT: 12.13 min Scan# 1538

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

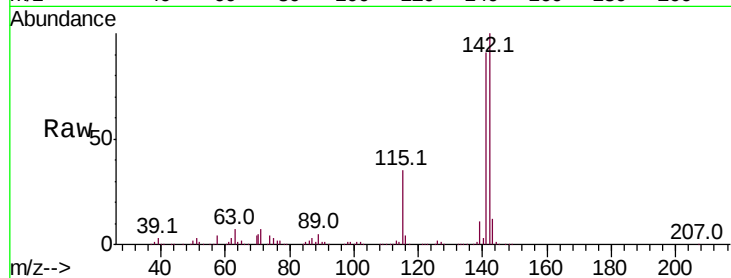
Tot Ion:142 Resp: 1927624

Ion Ratio Lower Upper

142 100

141 90.8 71.2 106.8

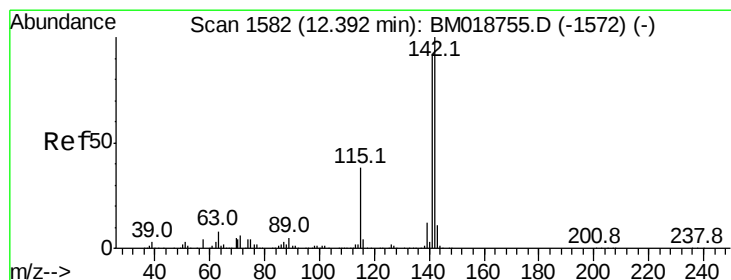
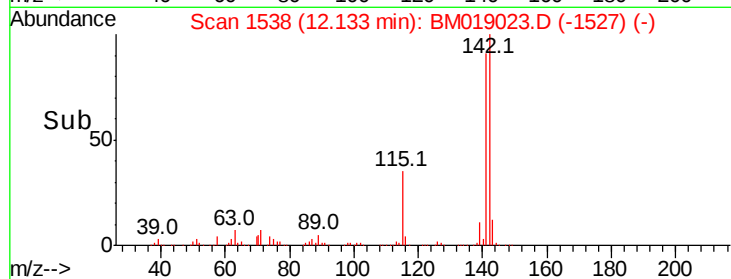
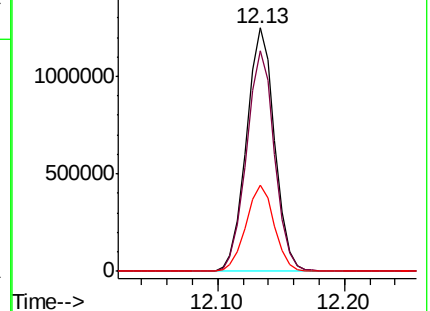
115 35.5 29.1 43.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.884 ng

RT: 12.36 min Scan# 1576

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

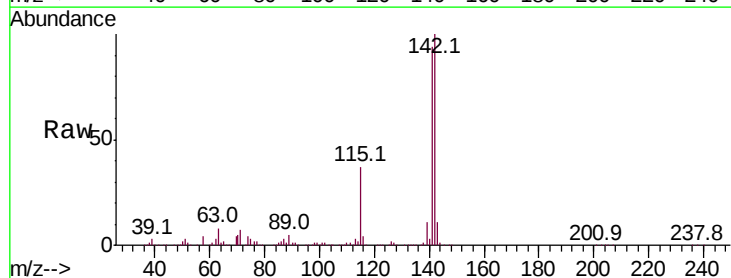
Tgt Ion:142 Resp: 1892056

Ion Ratio Lower Upper

142 100

141 93.6 73.9 110.9

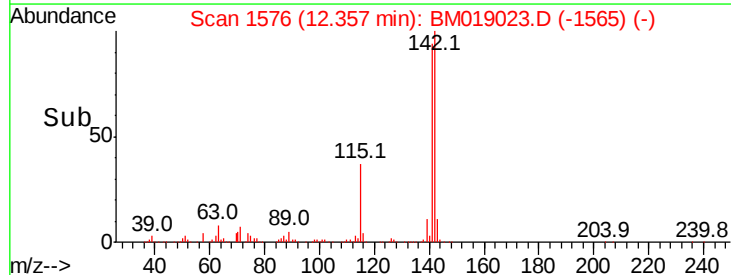
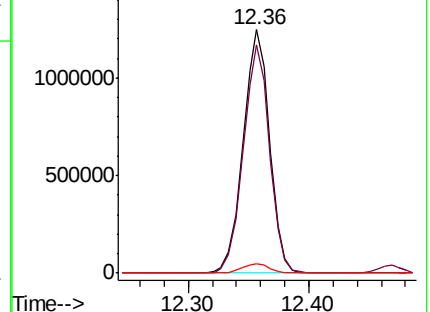
116 3.8 3.0 4.4

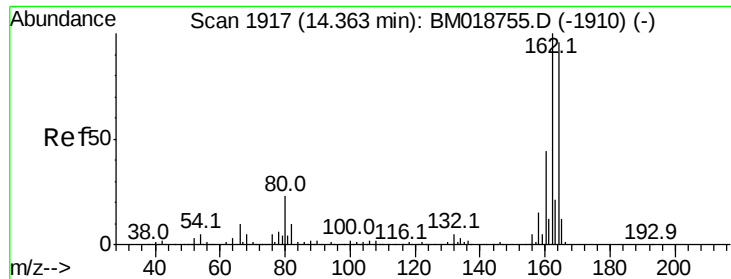


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

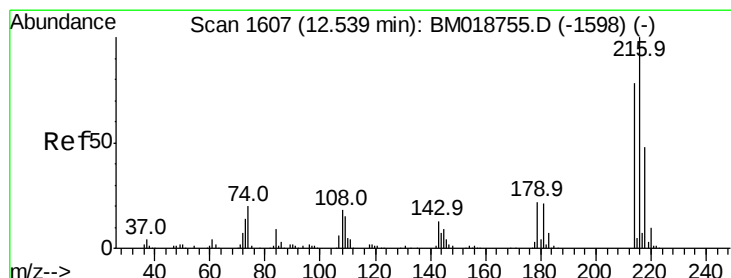
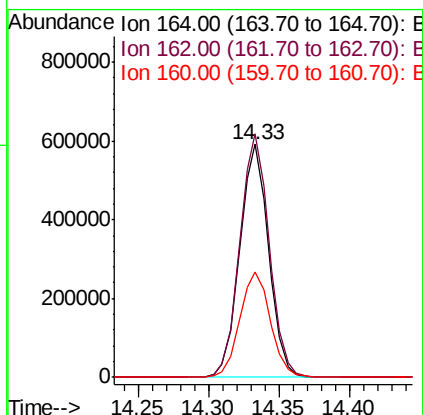
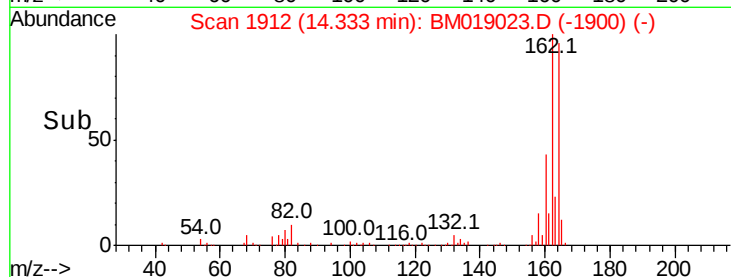
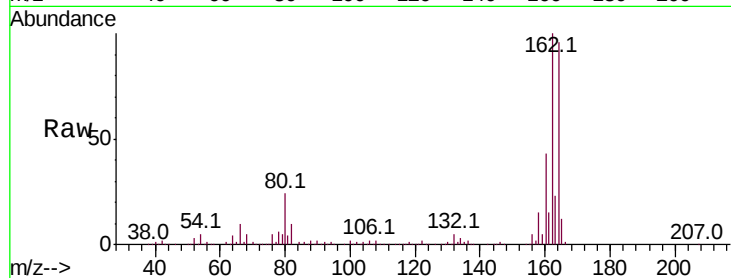
Tot Ion:164 Resp: 842142

Ion Ratio Lower Upper

164 100

162 104.4 83.4 125.0

160 45.3 36.6 55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.750 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Tgt Ion:216 Resp: 1043910

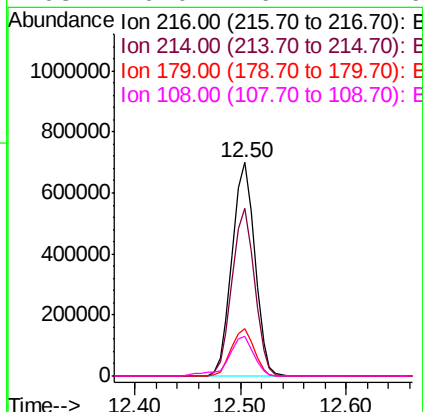
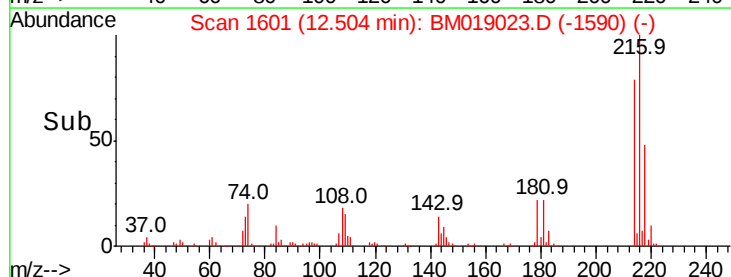
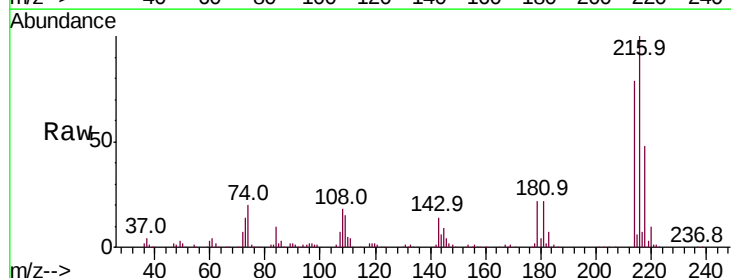
Ion Ratio Lower Upper

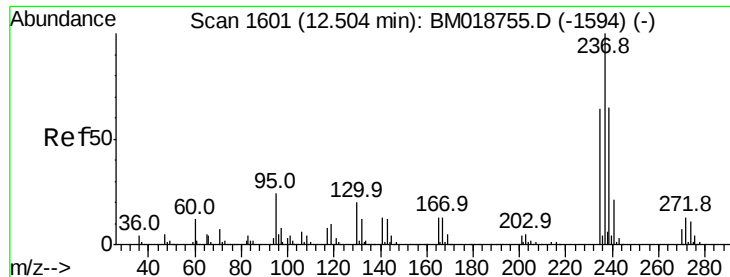
216 100

214 78.0 63.2 94.8

179 22.3 17.8 26.8

108 20.0 16.4 24.6





#41

Hexachlorocyclopentadiene

Concen: 32.395 ng

RT: 12.47 min Scan# 1595

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

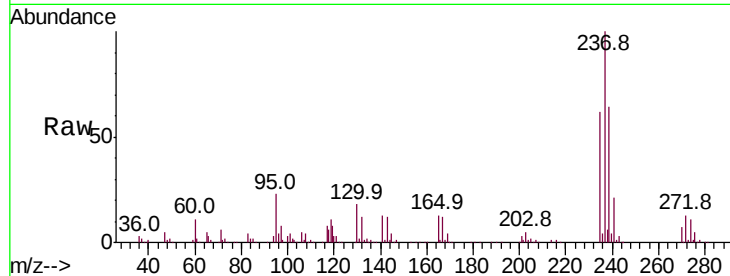
Tot Ion:237 Resp: 446181

Ion Ratio Lower Upper

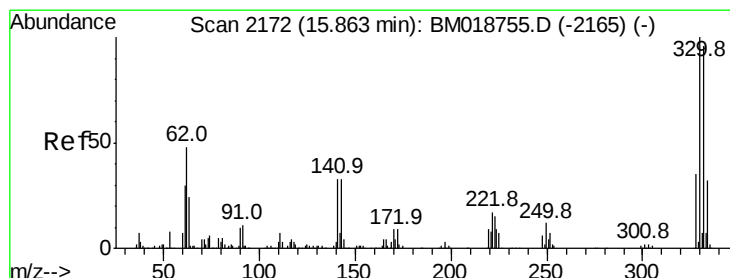
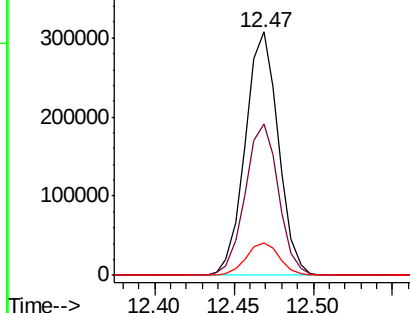
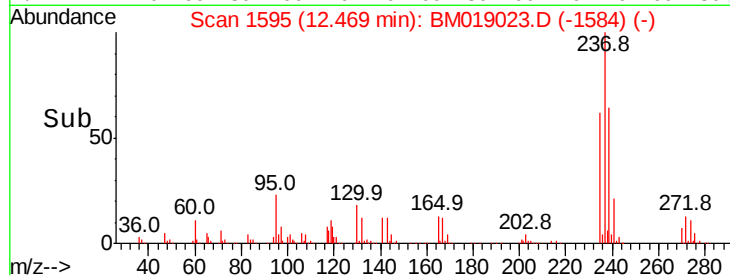
237 100

235 62.0 43.7 83.7

272 13.5 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.266 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

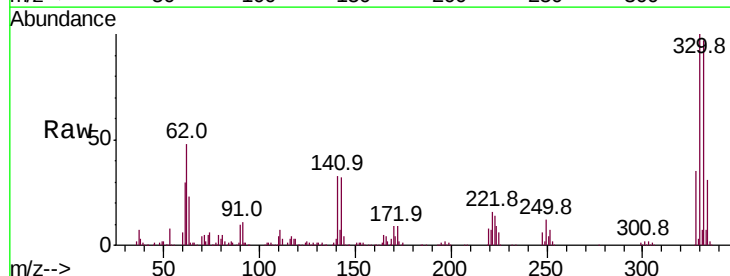
Tgt Ion:330 Resp: 974365

Ion Ratio Lower Upper

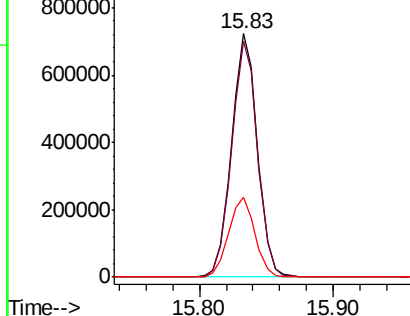
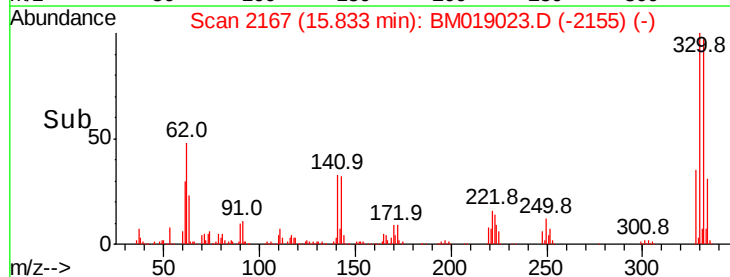
330 100

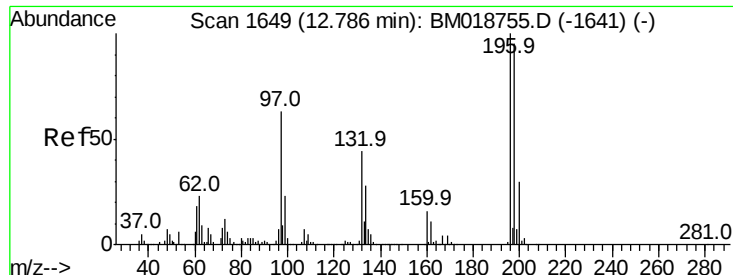
332 97.2 76.9 115.3

141 33.6 28.7 43.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

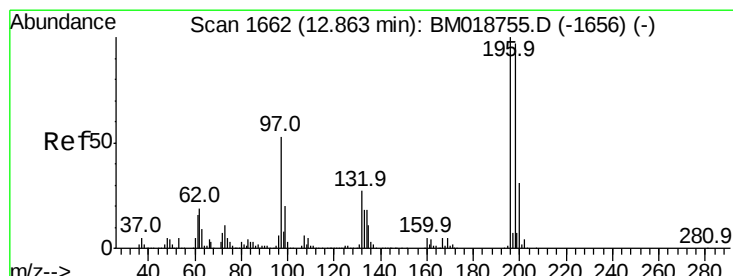
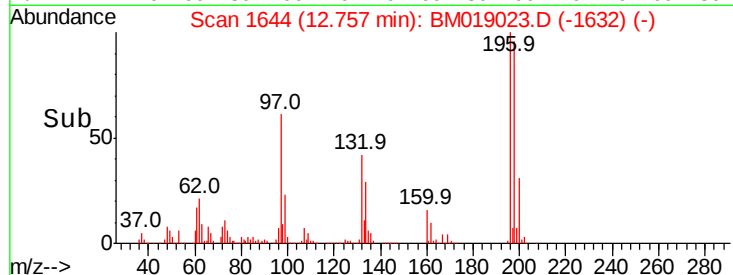
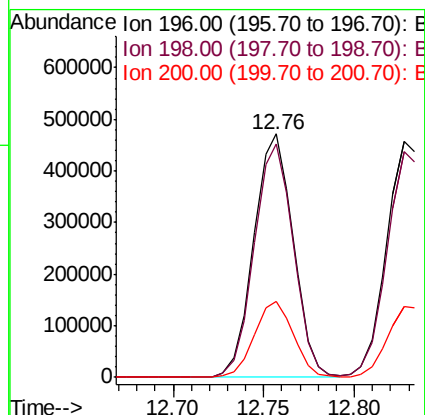
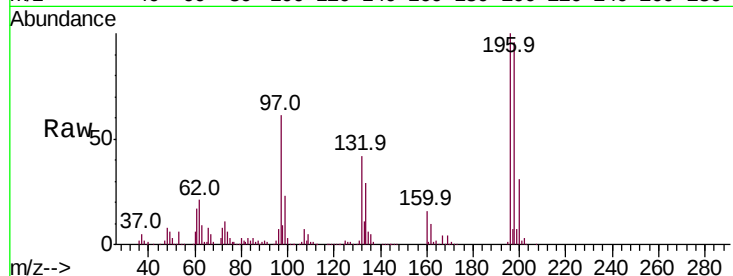




#43
 2,4,6-Trichlorophenol
 Concen: 39.856 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

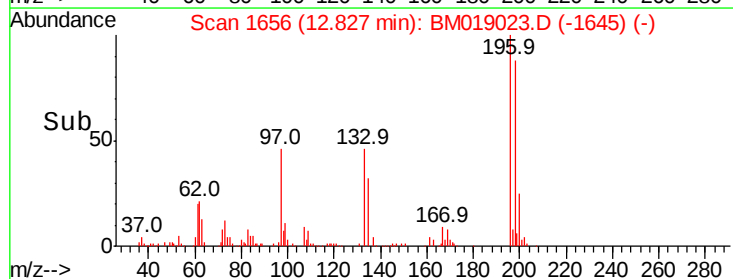
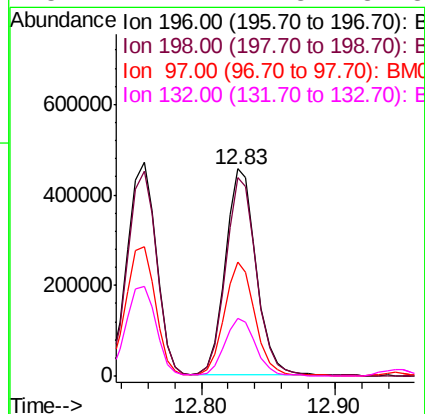
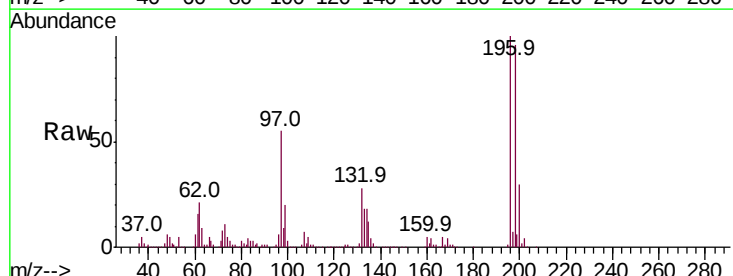
Instrument :
 BNA_M
 ClientSampled :

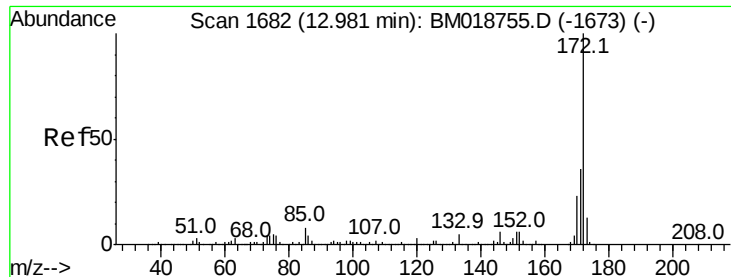
Tot Ion:196 Resp: 710777
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.2 114.2
 200 31.2 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.500 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.04 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

Tgt Ion:196 Resp: 738338
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.6 116.4
 97 55.1 42.8 64.2
 132 27.7 21.8 32.8

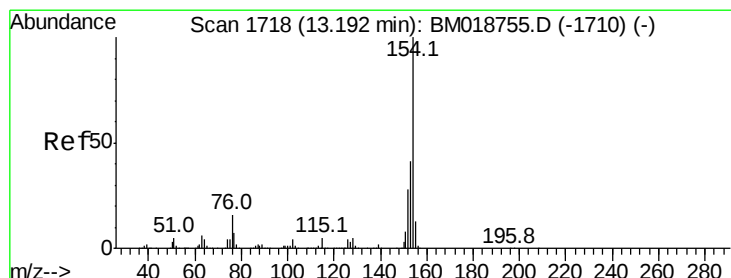
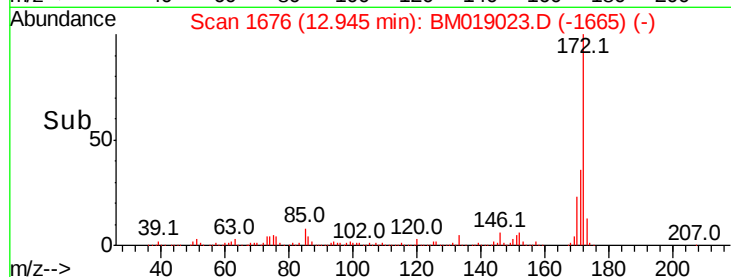
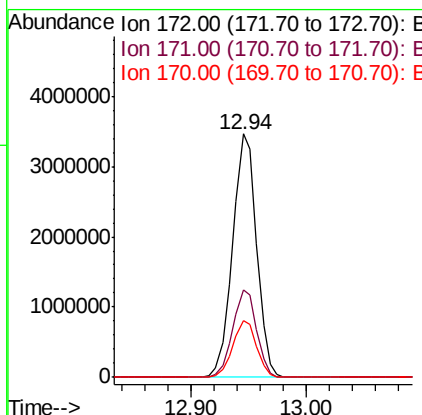
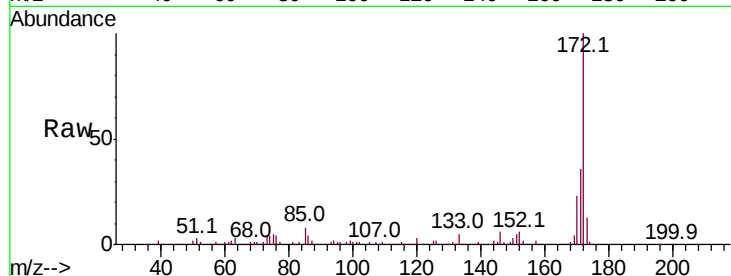




#45
2-Fluorobiphenyl
Concen: 78.350 ng
RT: 12.94 min Scan# 1676
Delta R.T. -0.04 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

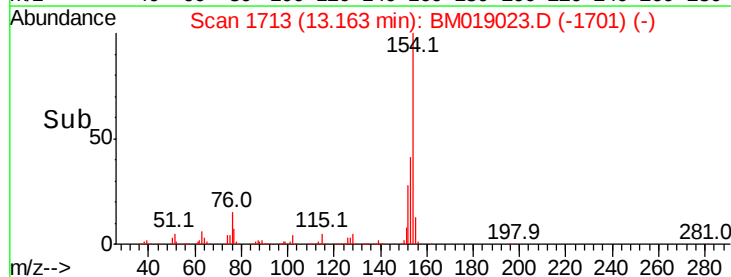
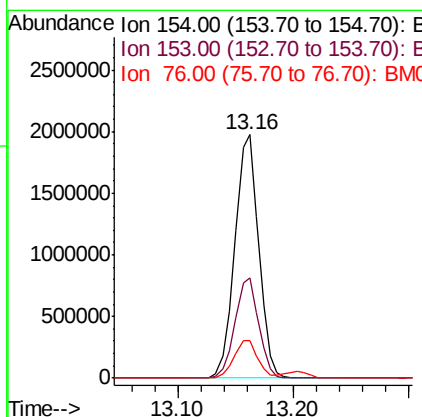
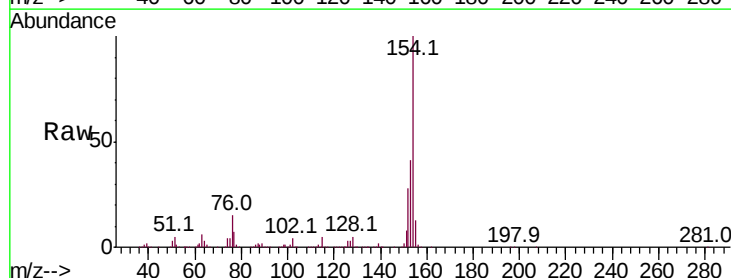
Instrument :
BNA_M
ClientSampleId :

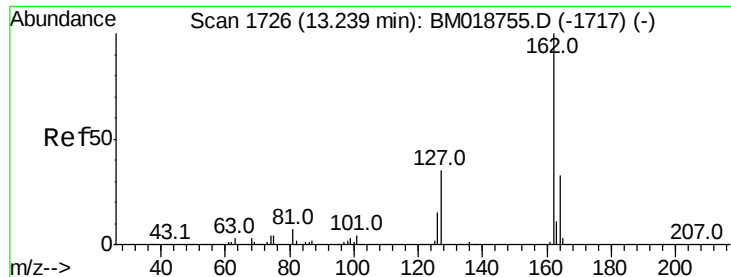
Tot Ion:172 Resp: 4970485
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 38.839 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Tgt Ion:154 Resp: 2815422
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 15.2 0.0 35.7





#47

2-Chloronaphthalene

Concen: 38.859 ng

RT: 13.20 min Scan# 1720

Delta R.T. -0.04 min

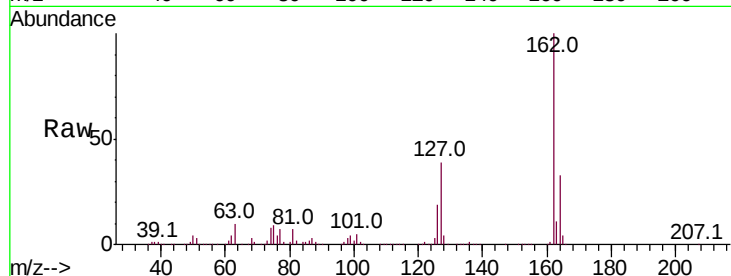
Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 2175702

Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.1	46.7
164	32.6	26.4	39.6

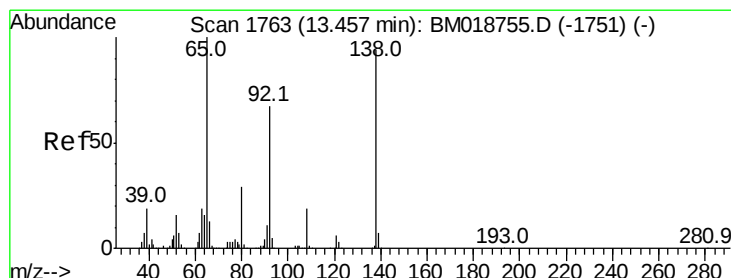
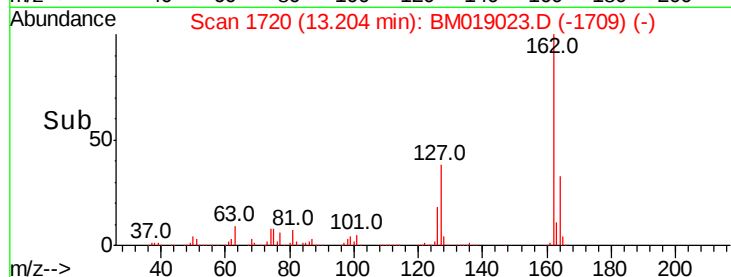
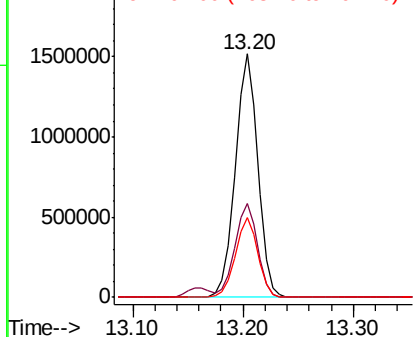


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.194 ng

RT: 13.43 min Scan# 1758

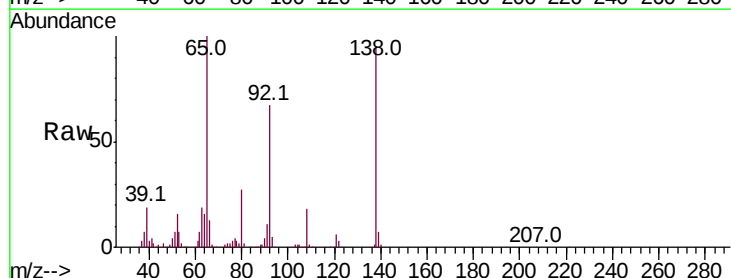
Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Tgt Ion: 65 Resp: 747426

Ion	Ratio	Lower	Upper
65	100		
92	67.0	54.0	81.0
138	95.2	74.9	112.3

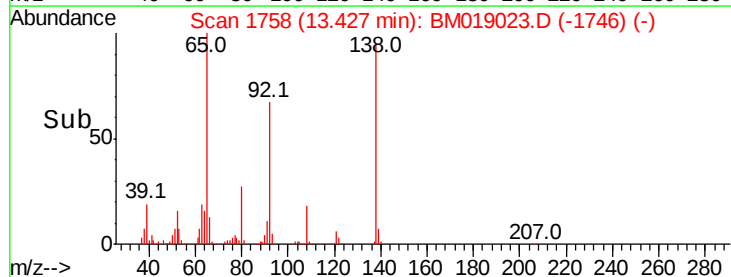
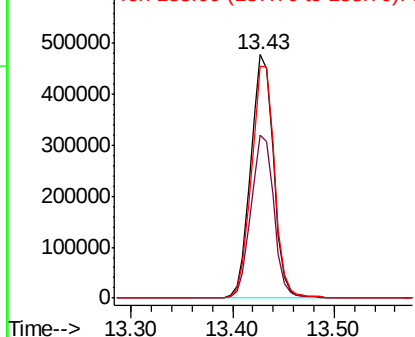


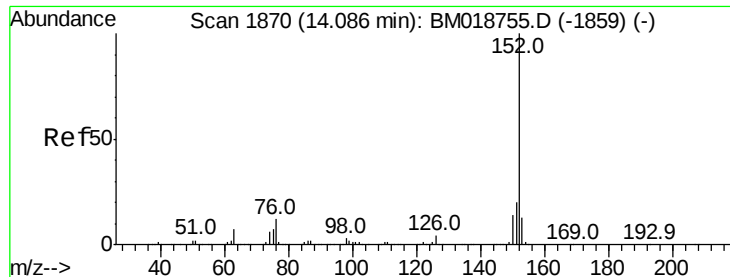
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.868 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

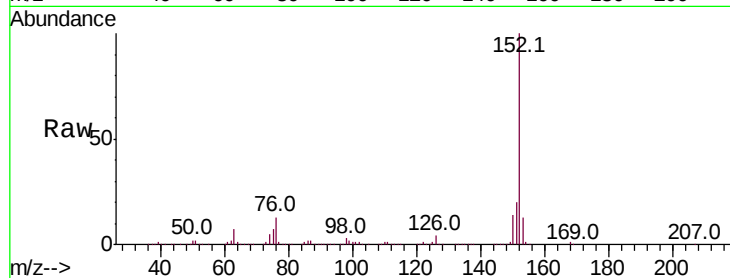
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 3240421

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.1	10.5	15.7

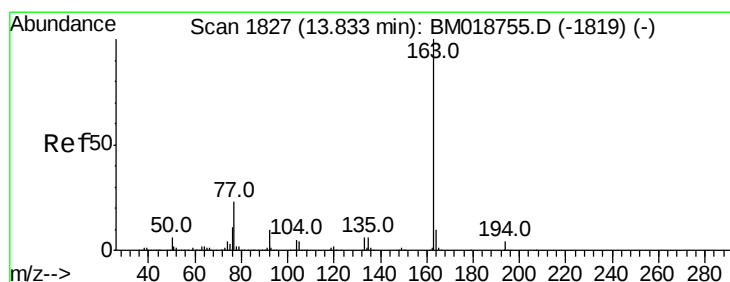
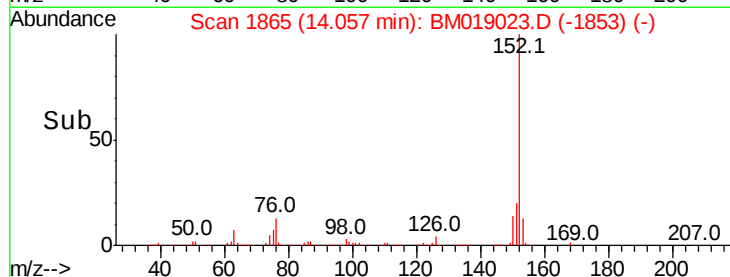
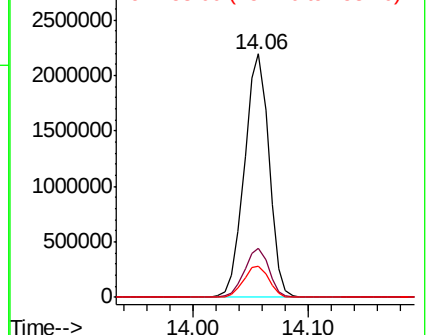


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.804 ng

RT: 13.80 min Scan# 1822

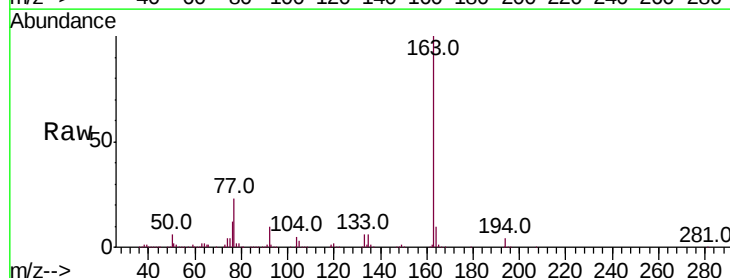
Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Tgt Ion:163 Resp: 2653214

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	7.8	11.8

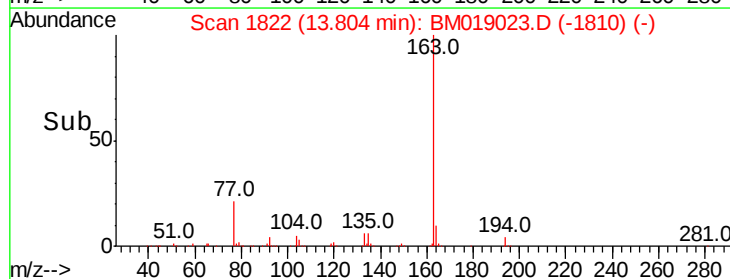
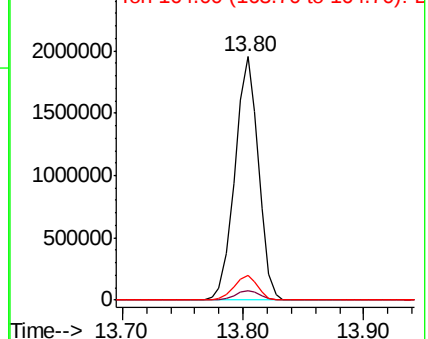


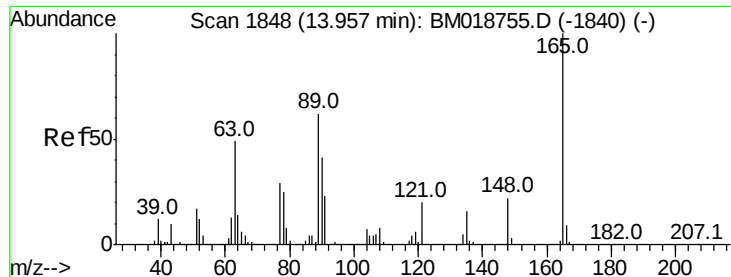
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

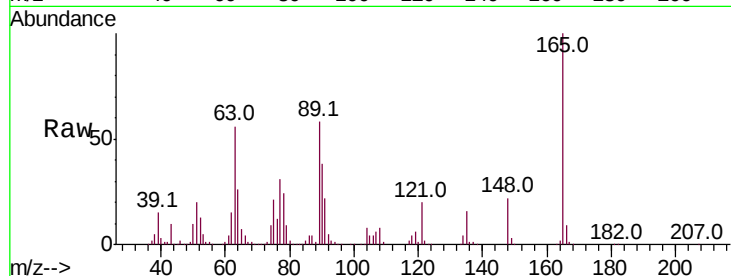




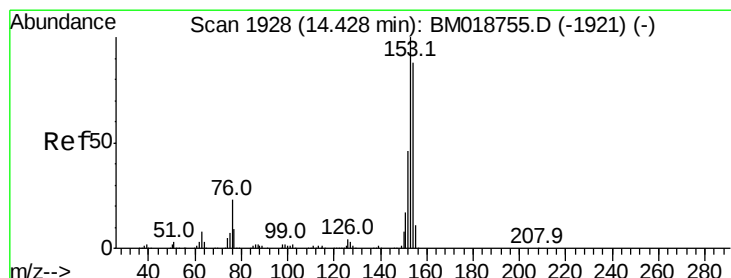
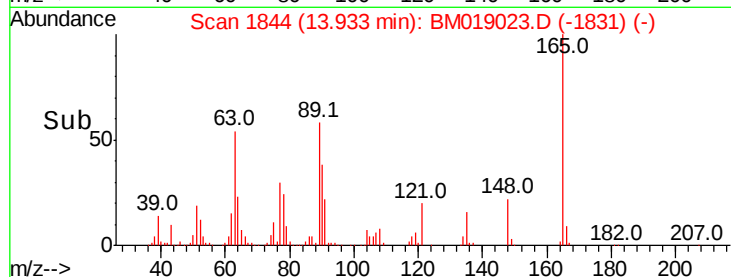
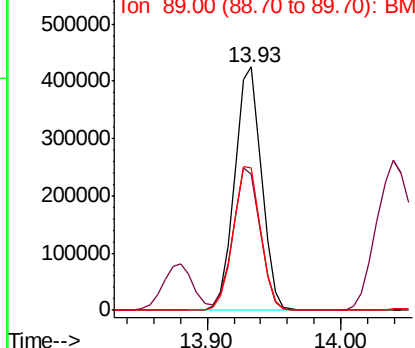
#51
2,6-Dinitrotoluene
Concen: 39.160 ng
RT: 13.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 595367
Ion Ratio Lower Upper
165 100
63 56.0 48.9 73.3
89 58.3 49.4 74.0

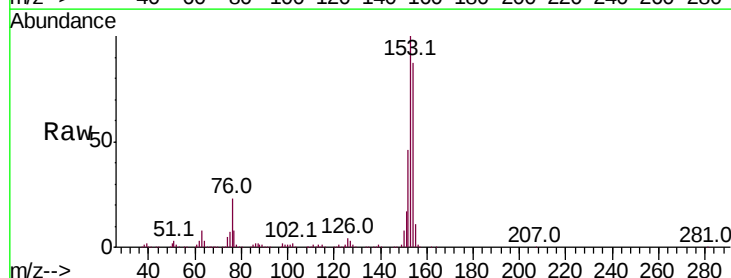


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0

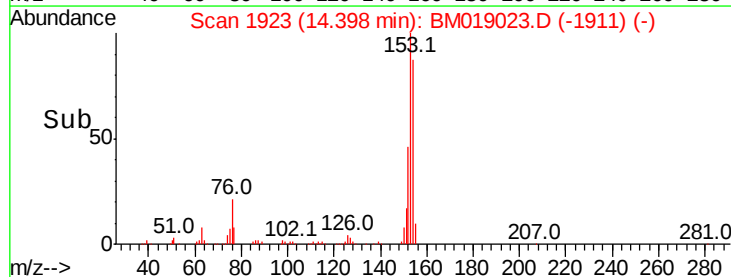
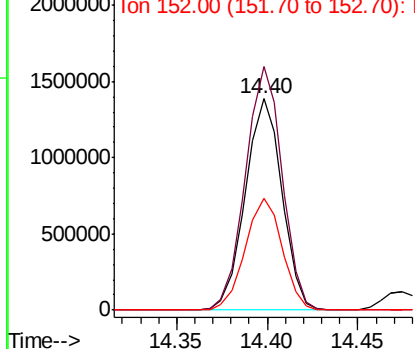


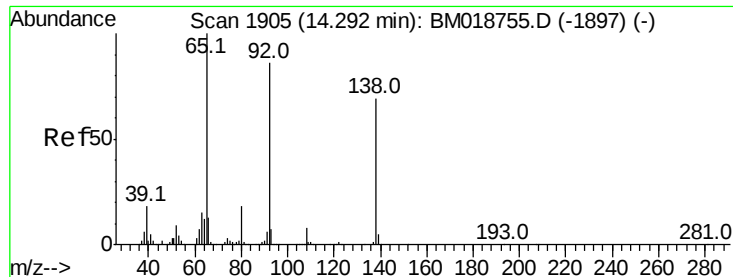
#52
Acenaphthene
Concen: 38.224 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Tgt Ion:154 Resp: 1954049
Ion Ratio Lower Upper
154 100
153 115.1 91.3 136.9
152 52.9 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

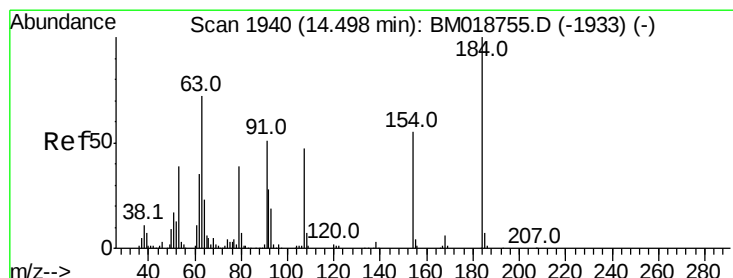
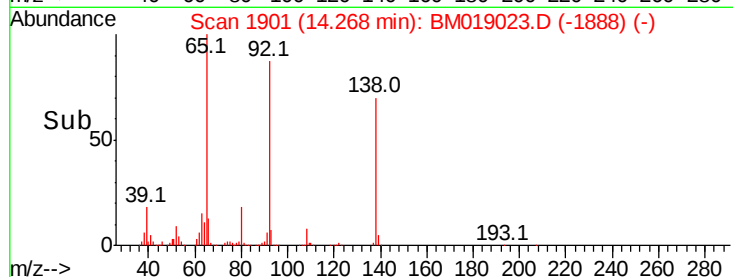
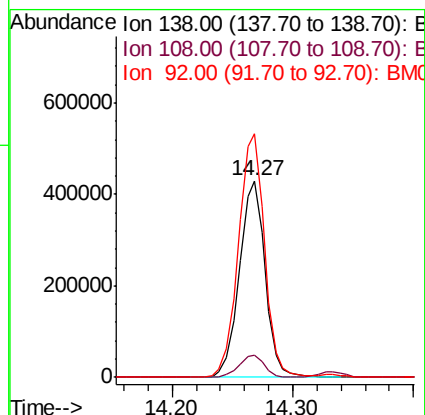
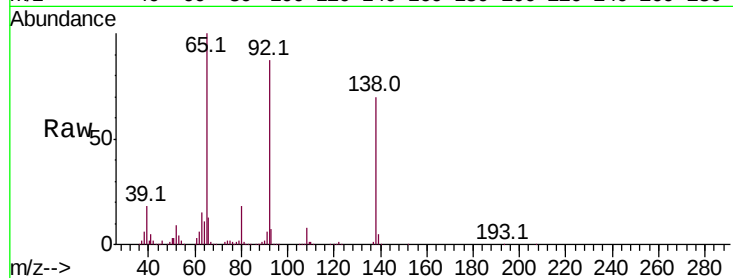




#53
3-Nitroaniline
Concen: 37.329 ng
RT: 14.27 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

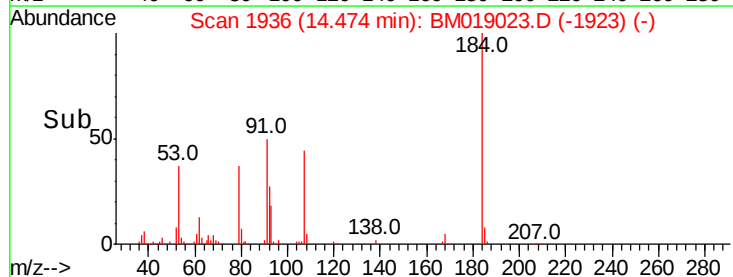
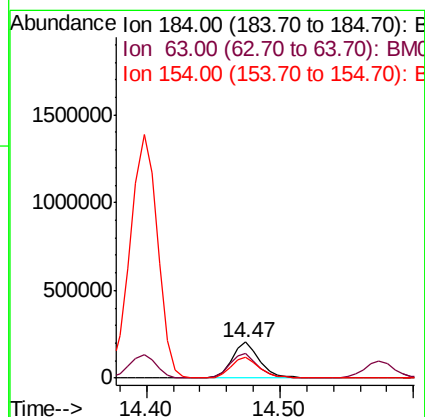
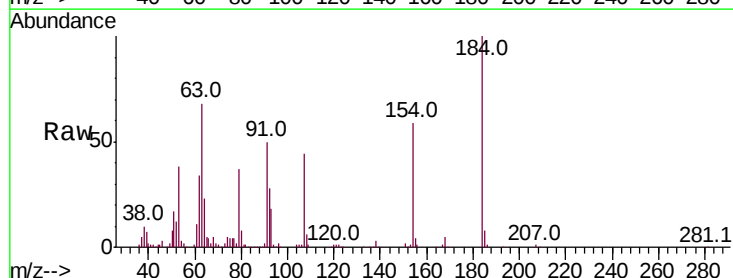
Instrument :
BNA_M
ClientSampleId :

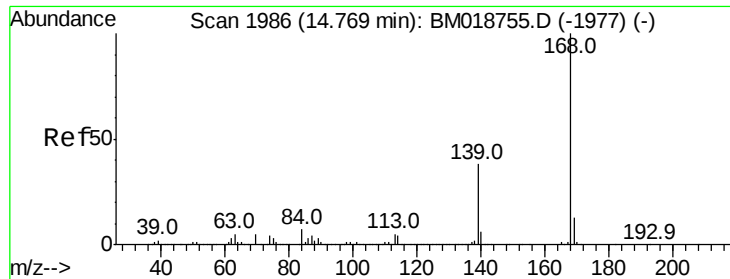
Tot Ion:138 Resp: 641244
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 123.7 99.7 149.5



#54
2,4-Dinitrophenol
Concen: 34.210 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Tgt Ion:184 Resp: 295736
Ion Ratio Lower Upper
184 100
63 68.0 58.0 87.0
154 59.2 50.3 75.5

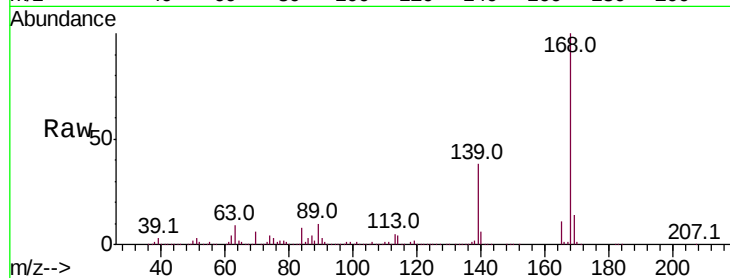




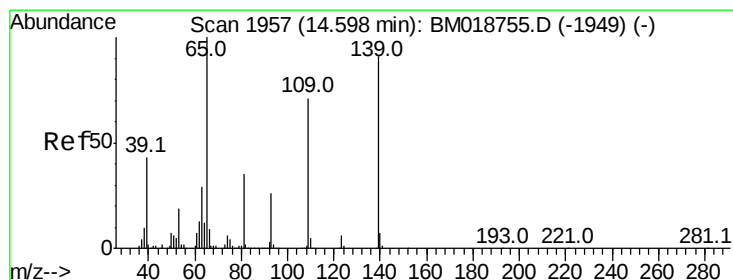
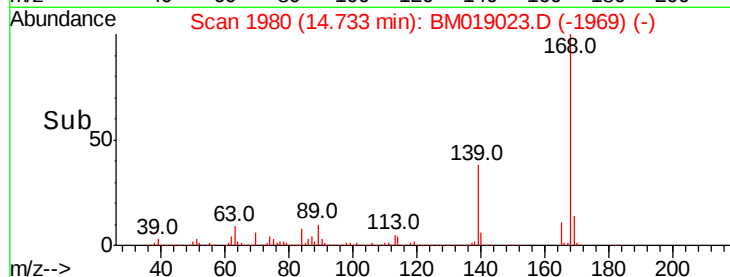
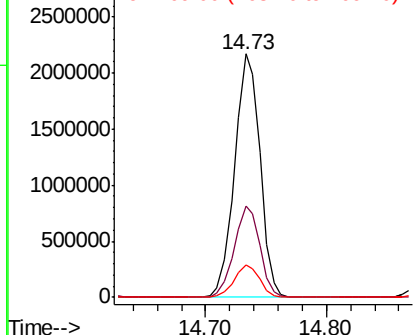
#55
Dibenzofuran
Concen: 37.853 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.04 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 3180566
Ion Ratio Lower Upper
168 100
139 37.8 30.7 46.1
169 13.6 10.3 15.5

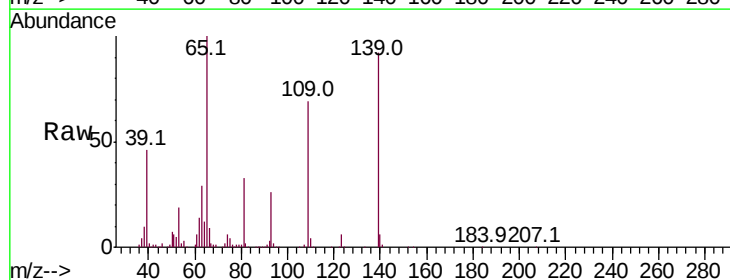


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

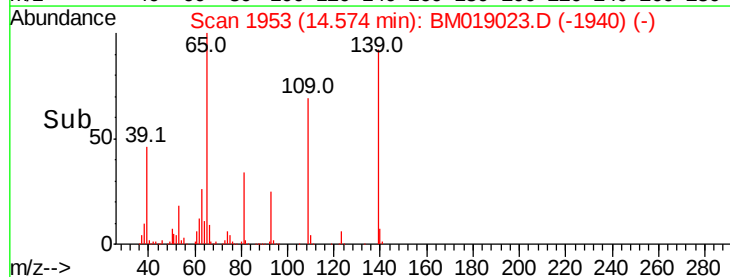
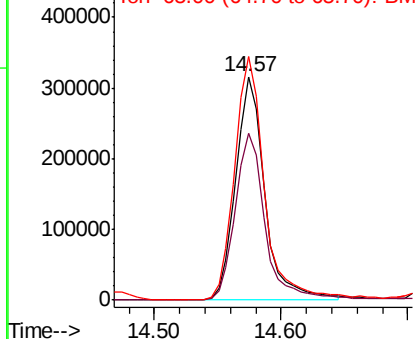


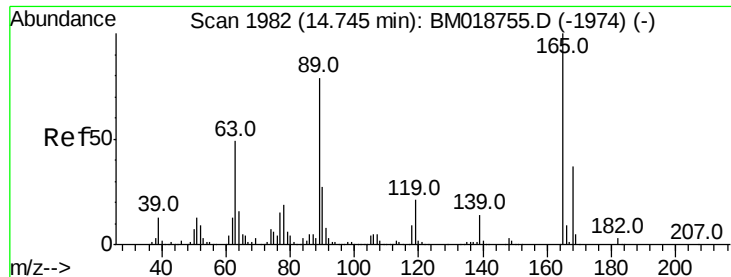
#56
4-Nitrophenol
Concen: 36.673 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Tgt Ion:139 Resp: 502901
Ion Ratio Lower Upper
139 100
109 74.8 58.4 98.4
65 108.8 89.8 129.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

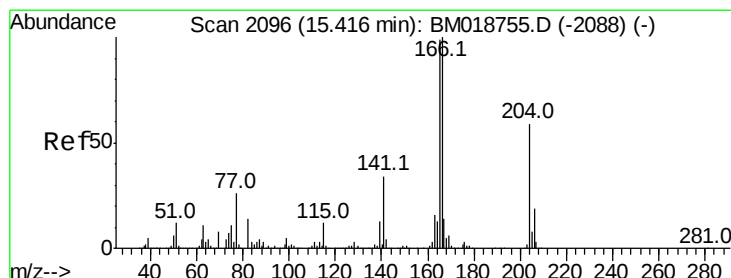
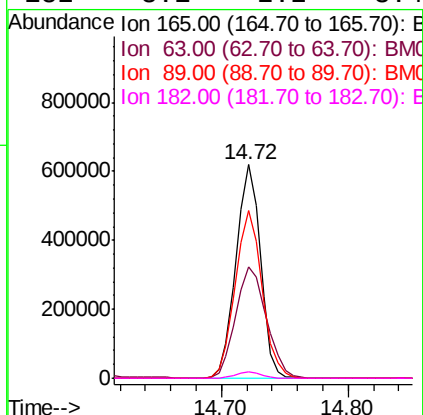
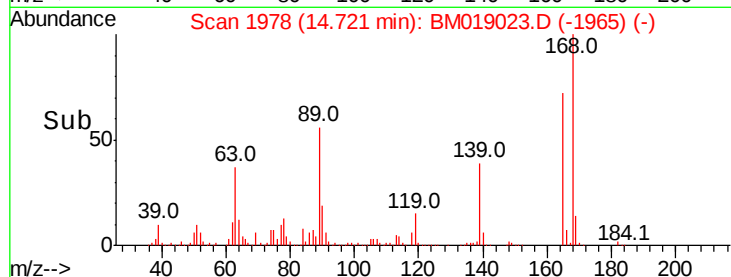
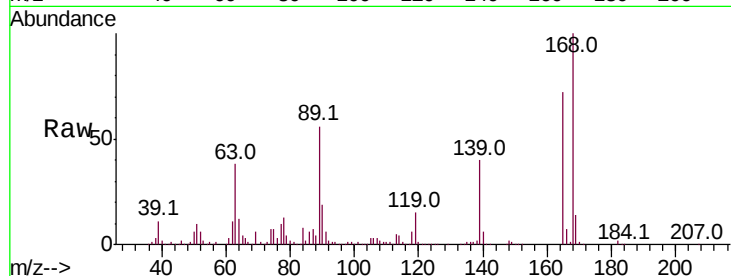




#57
 2,4-Dinitrotoluene
 Concen: 39.522 ng
 RT: 14.72 min Scan# 1978
 Delta R.T. -0.02 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

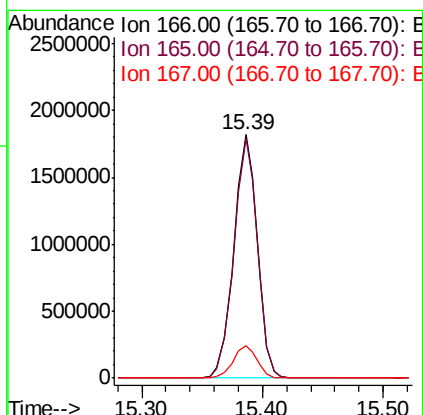
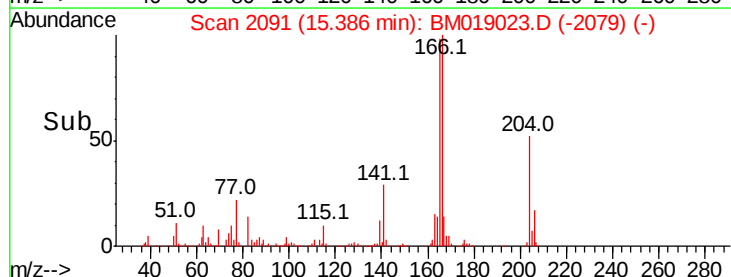
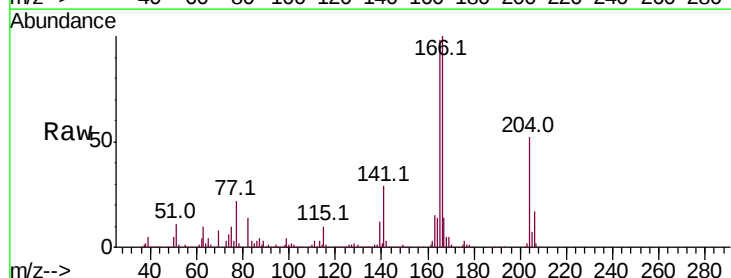
Instrument :
 BNA_M
 ClientSampled :

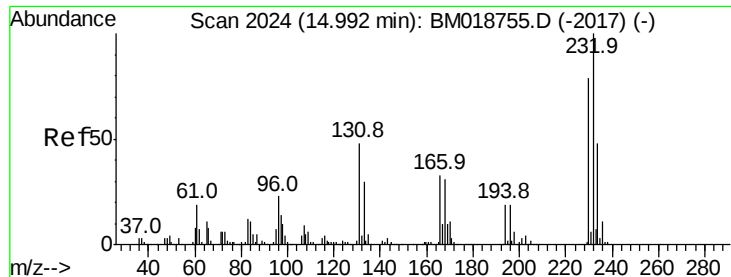
Tot Ion:165 Resp: 827882
 Ion Ratio Lower Upper
 165 100
 63 52.4 39.6 59.4
 89 78.7 63.5 95.3
 182 3.1 2.2 3.4



#58
 Fluorene
 Concen: 38.388 ng
 RT: 15.39 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

Tgt Ion:166 Resp: 2467621
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.1 118.7
 167 13.5 11.0 16.4

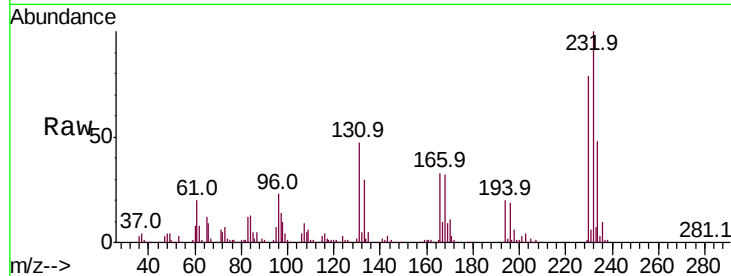




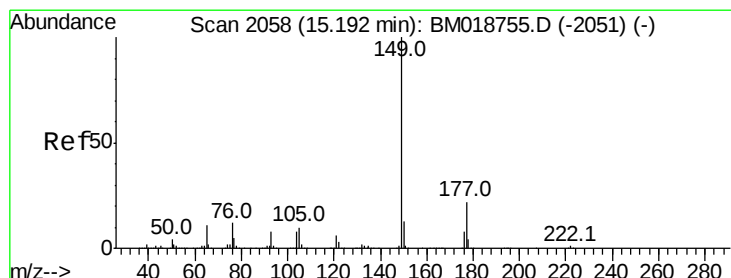
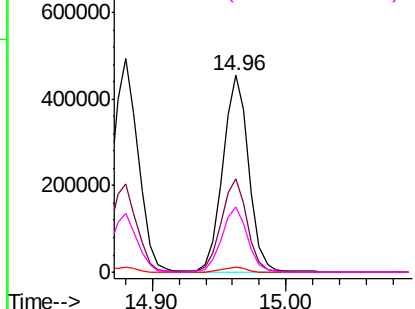
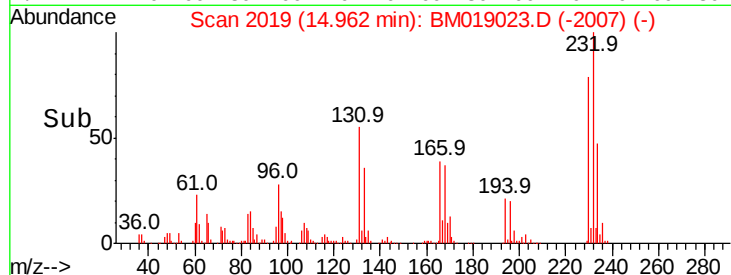
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.370 ng
 RT: 14.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 617436
 Ion Ratio Lower Upper
 232 100
 131 47.4 38.6 57.8
 130 2.5 2.0 3.0
 166 33.5 26.9 40.3

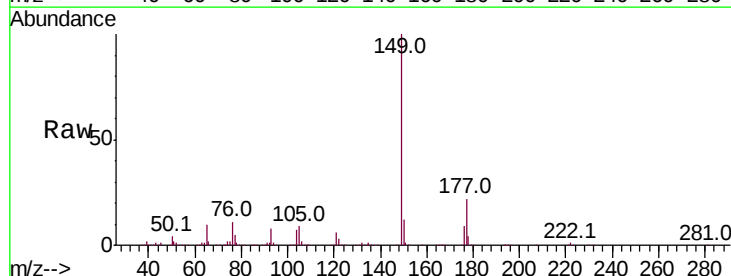


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

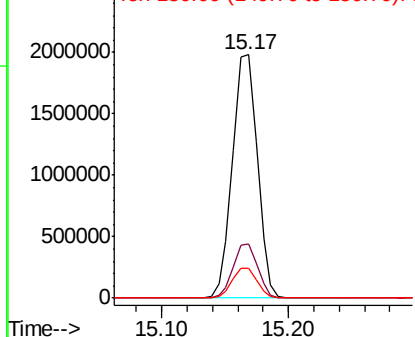
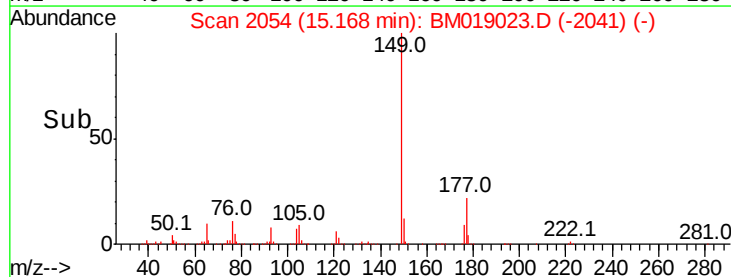


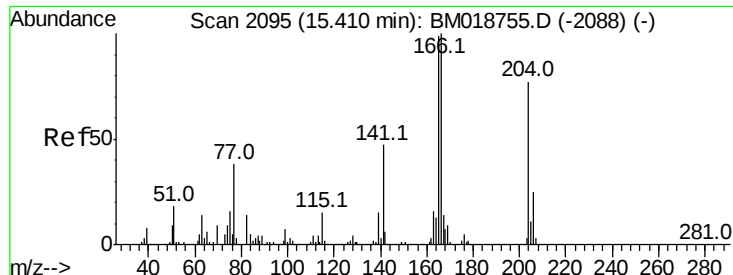
#60
 Diethylphthalate
 Concen: 37.233 ng
 RT: 15.17 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

Tgt Ion:149 Resp: 2695612
 Ion Ratio Lower Upper
 149 100
 177 22.0 17.2 25.8
 150 12.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

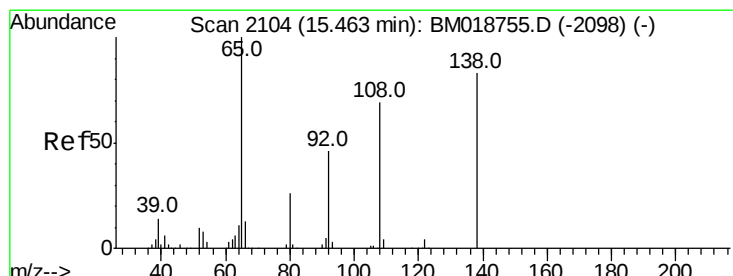
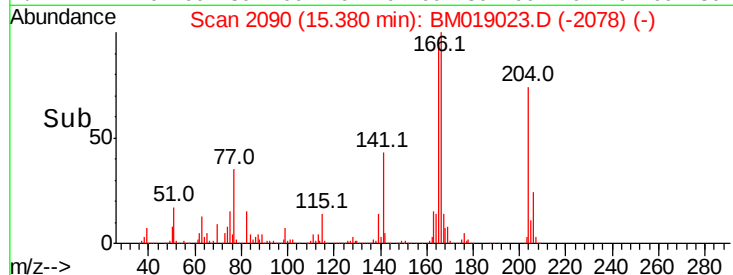
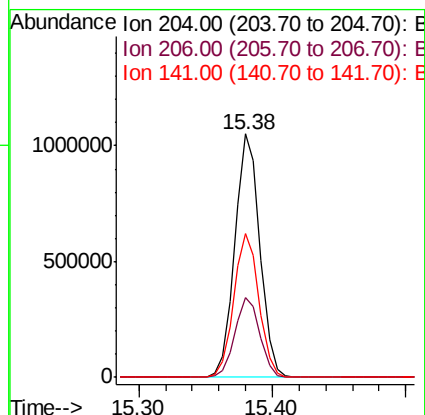
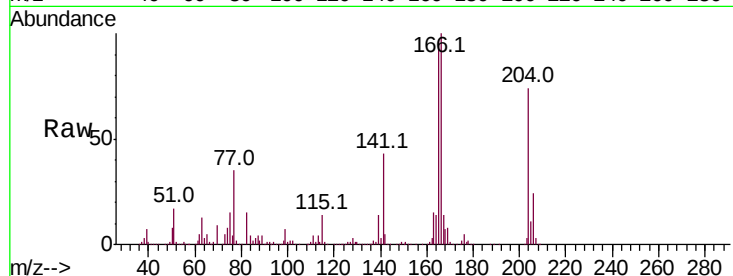




#61
4-Chlorophenyl-phenylether
Concen: 38.126 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.03 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

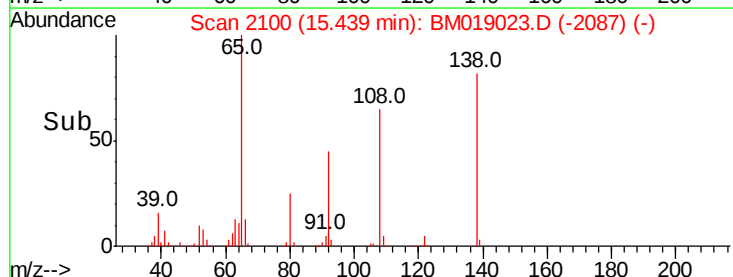
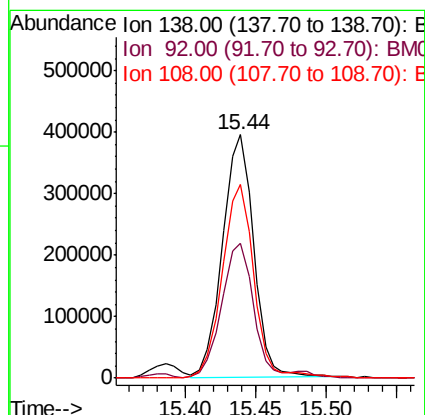
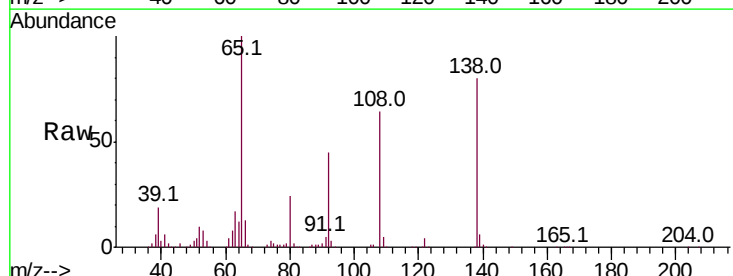
Instrument :
BNA_M
ClientSampled :

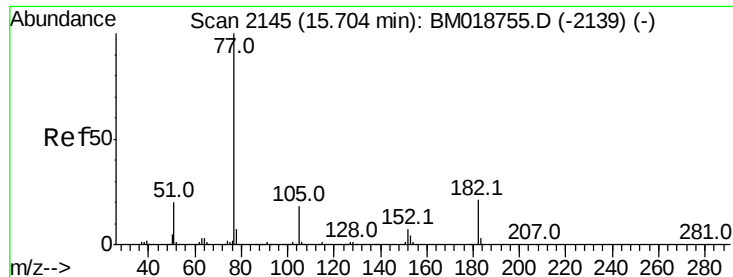
Tot Ion:204 Resp: 1374091
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 59.0 49.2 73.8



#62
4-Nitroaniline
Concen: 36.081 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Tgt Ion:138 Resp: 607643
Ion Ratio Lower Upper
138 100
92 55.6 35.5 75.5
108 79.7 62.4 102.4

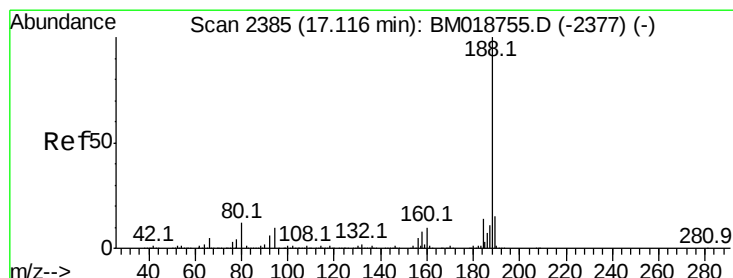
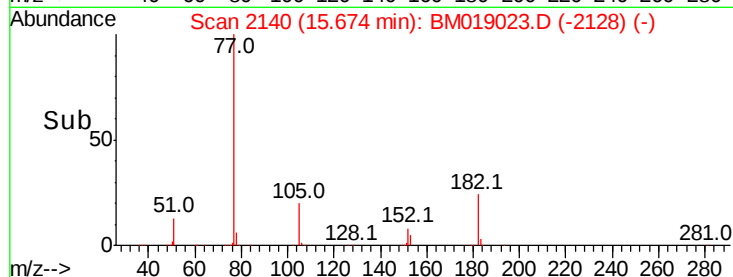
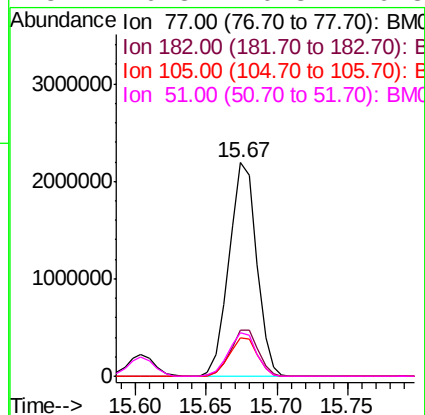
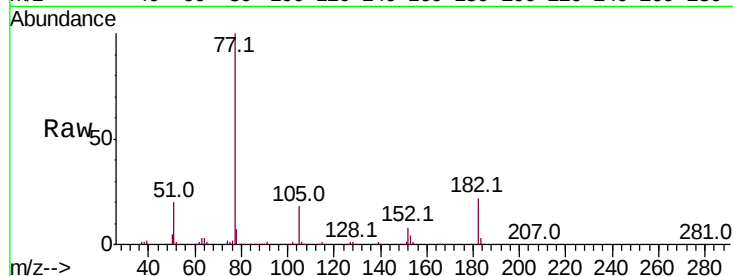




#63
Azobenzene
Concen: 38.362 ng
RT: 15.67 min Scan# 2140
Delta R.T. -0.03 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

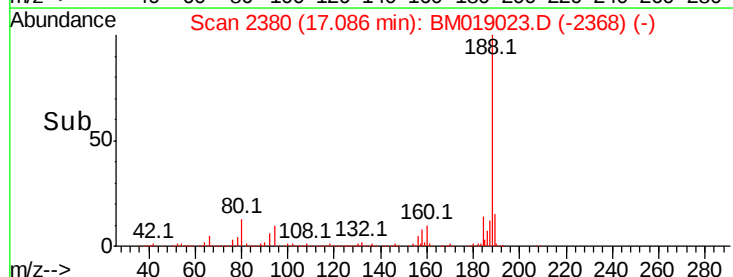
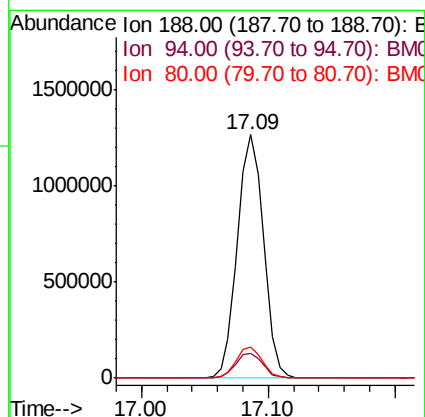
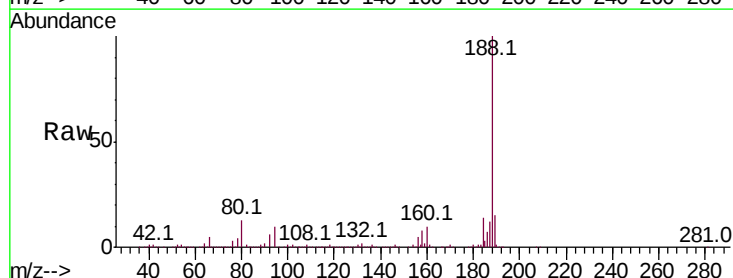
Instrument :
BNA_M
ClientSampleId :

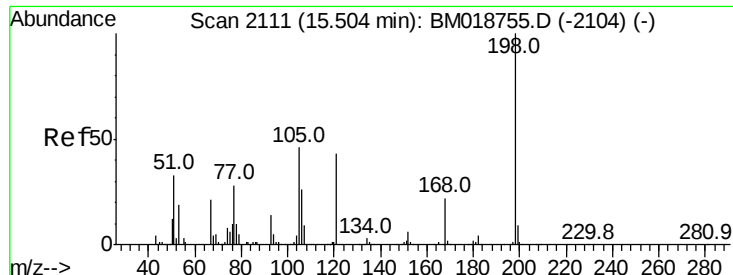
Tot Ion: 77 Resp: 2977896
Ion Ratio Lower Upper
77 100
182 21.6 1.0 41.0
105 17.8 0.0 37.7
51 20.3 0.3 40.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM019023.D
Acq: 04 Mar 2019 23:53

Tgt Ion: 188 Resp: 1810460
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 12.7 9.7 14.5

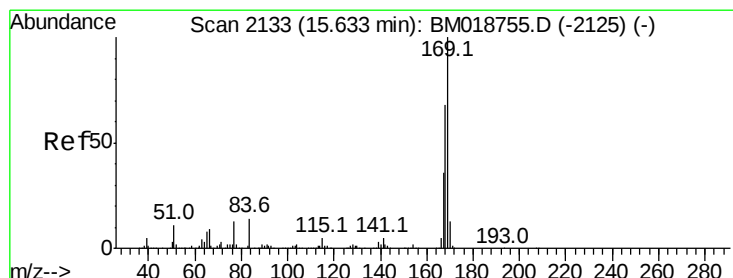
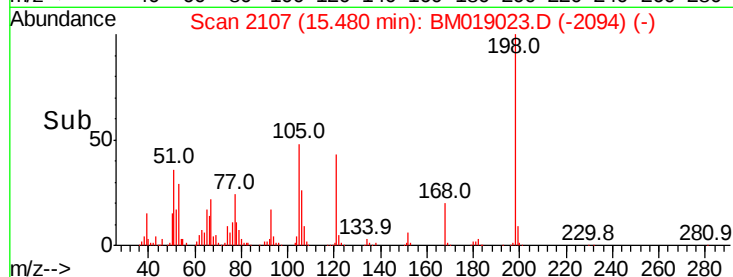
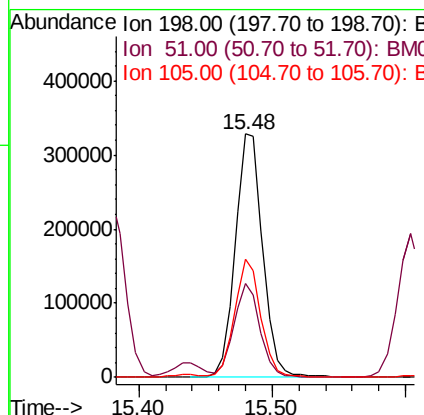
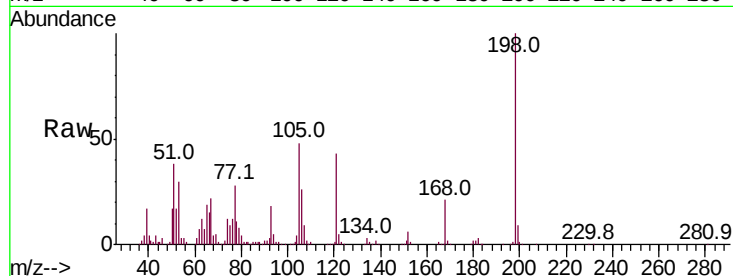




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.892 ng
 RT: 15.48 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

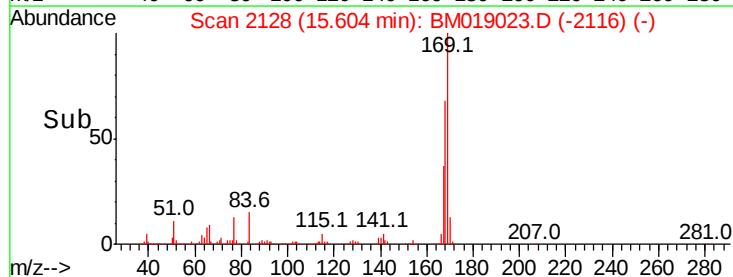
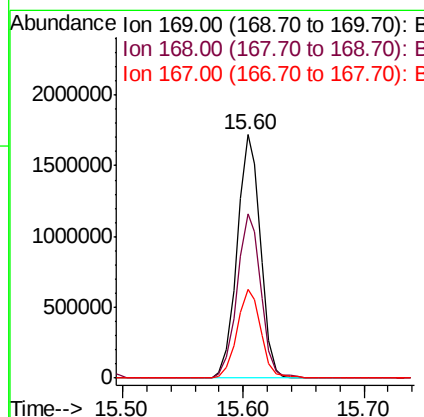
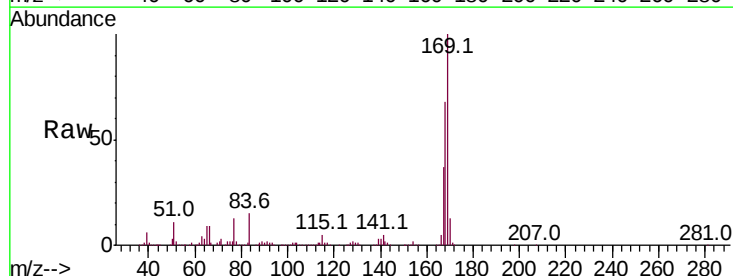
Instrument :
 BNA_M
 ClientSampled :

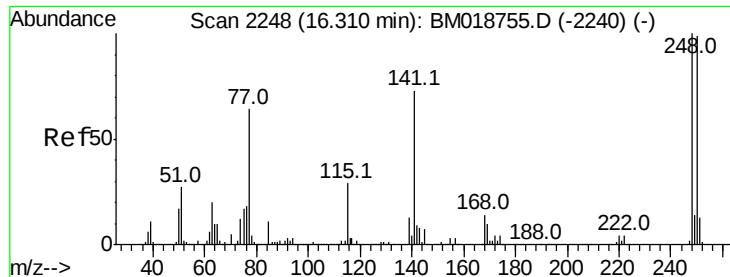
Tot Ion	Ratio	Lower	Upper
198	100		
51	38.3	18.4	58.4
105	48.3	27.2	67.2



#66
 n-Nitrosodiphenylamine
 Concen: 40.448 ng
 RT: 15.60 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.4	81.6
167	36.7	29.0	43.6

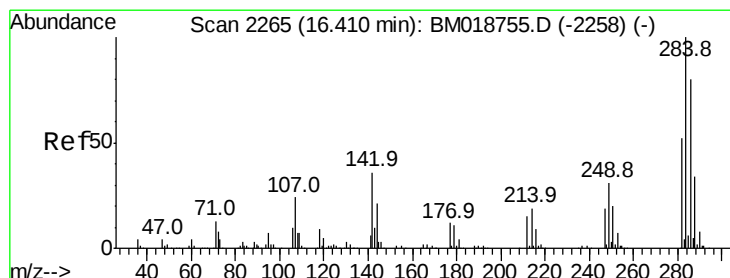
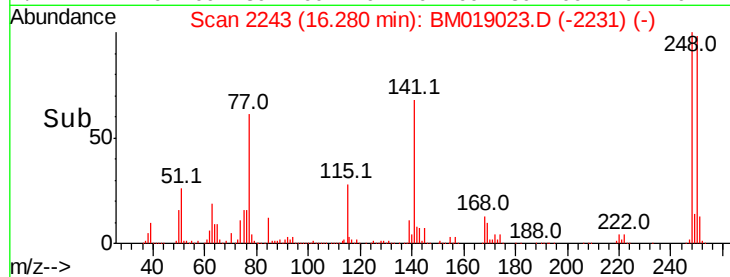
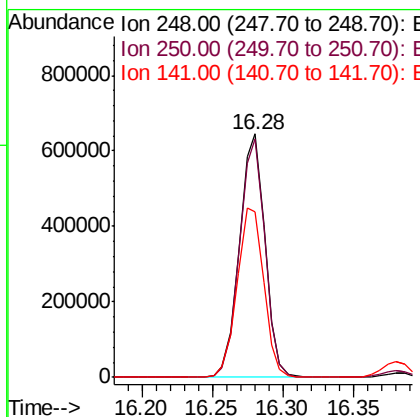
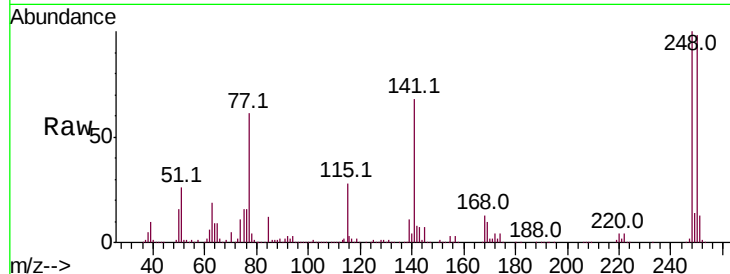




#67
 4-Bromophenyl-phenylether
 Concen: 40.184 ng
 RT: 16.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

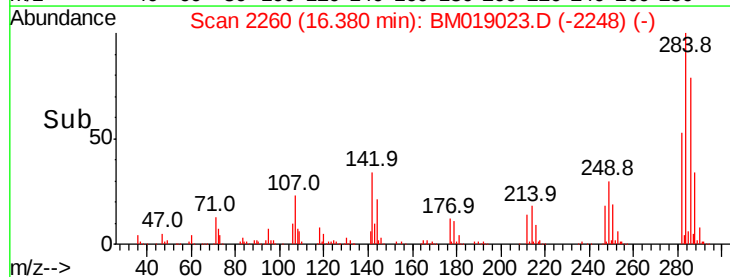
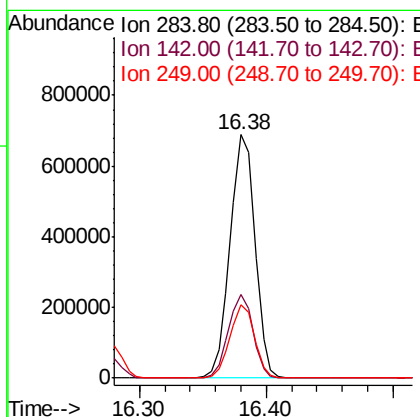
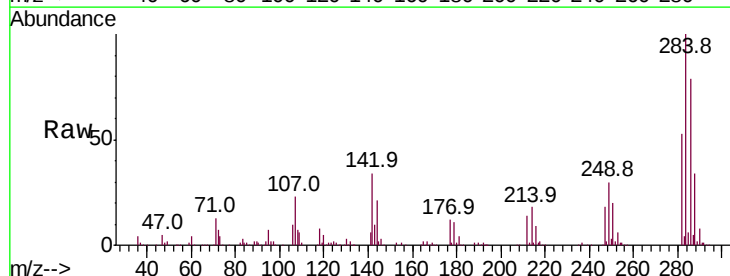
Instrument :
 BNA_M
 ClientSampleId :

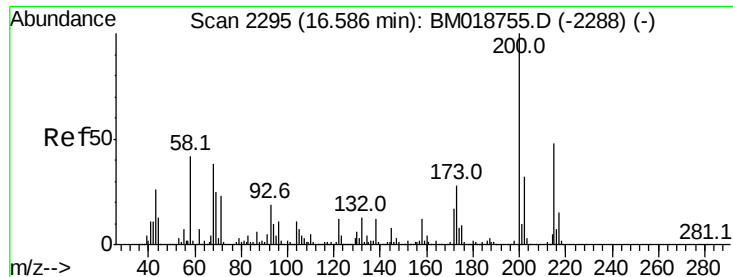
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	79.0	118.6
141	68.0	58.6	88.0



#68
 Hexachlorobenzene
 Concen: 39.771 ng
 RT: 16.38 min Scan# 2260
 Delta R.T. -0.03 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	28.9	43.3
249	30.1	24.8	37.2

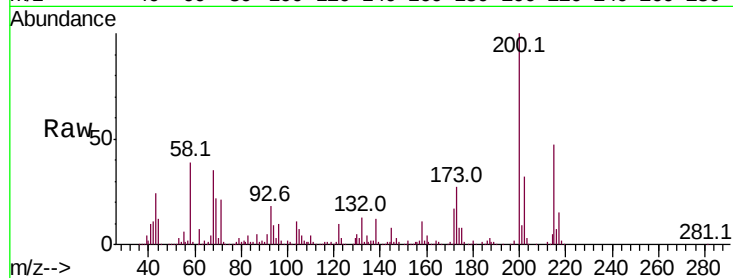




#69
 Atrazine
 Concen: 32.144 ng
 RT: 16.56 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.6	47.6
215	46.7	27.6	67.6

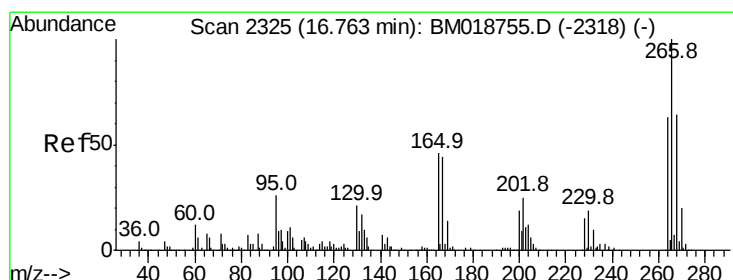
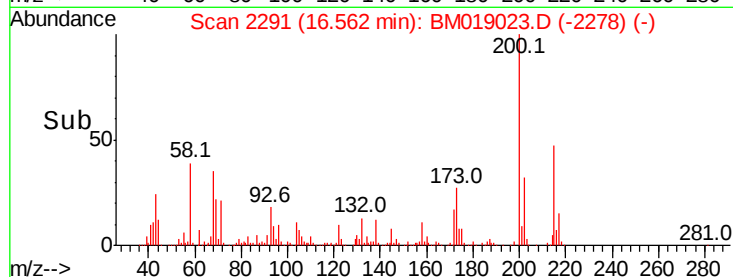
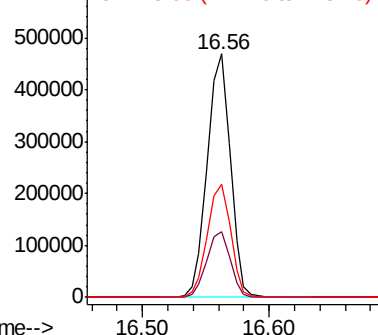


Abundance

Ion 200.00 (199.70 to 200.70): E

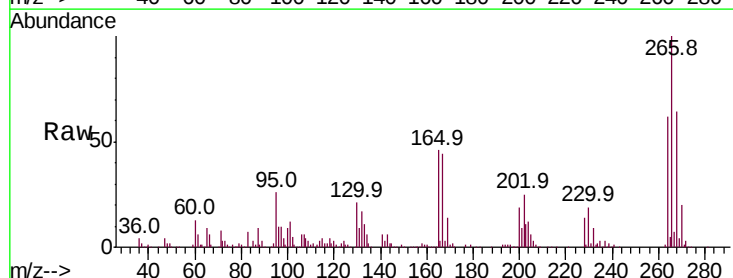
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 38.214 ng
 RT: 16.73 min Scan# 2320
 Delta R.T. -0.03 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.3	76.9
264	62.1	50.6	75.8

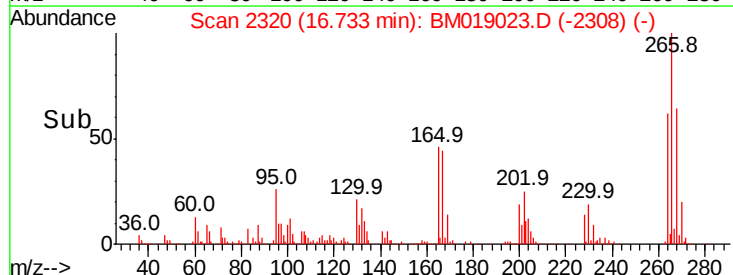
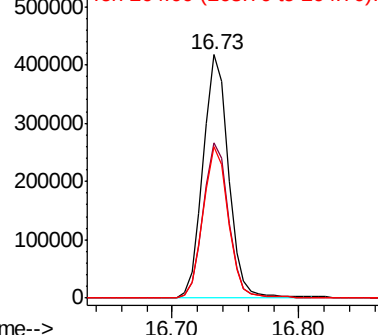


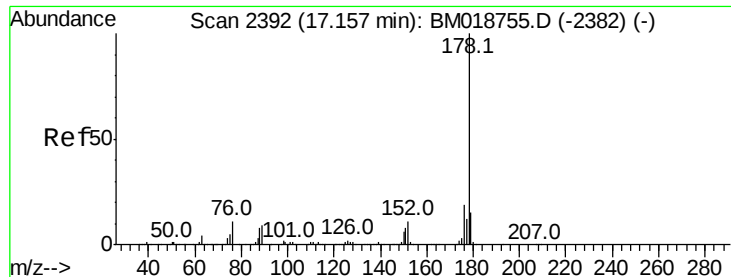
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.977 ng

RT: 17.13 min Scan# 2387

Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

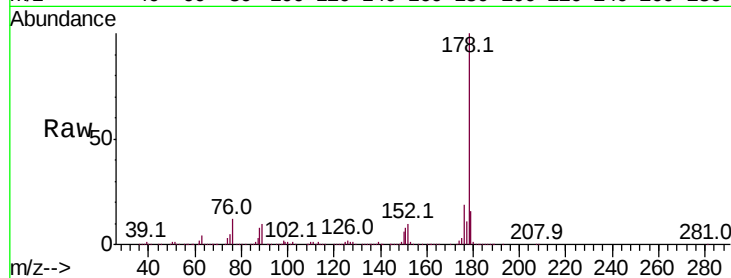
Tot Ion:178 Resp: 3695057

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.5	12.3	18.5

178 100

176 19.3 15.4 23.0

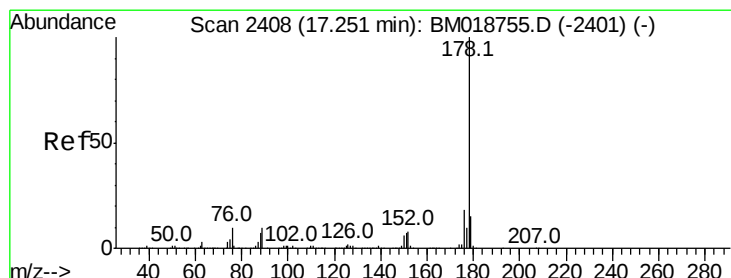
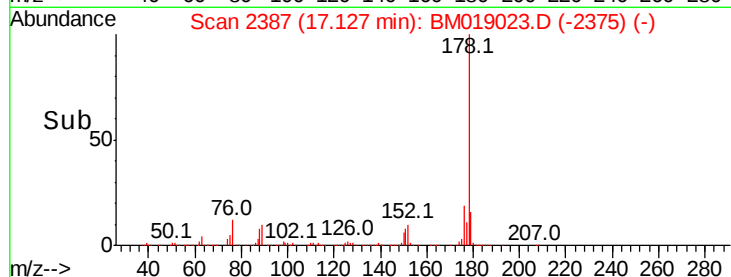
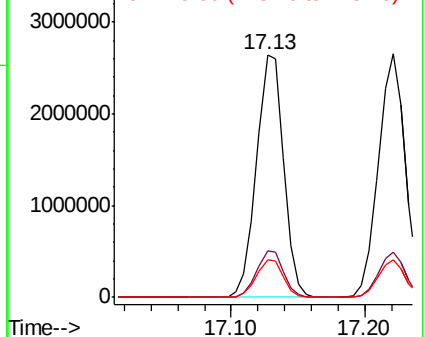
179 15.5 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.777 ng

RT: 17.22 min Scan# 2403

Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

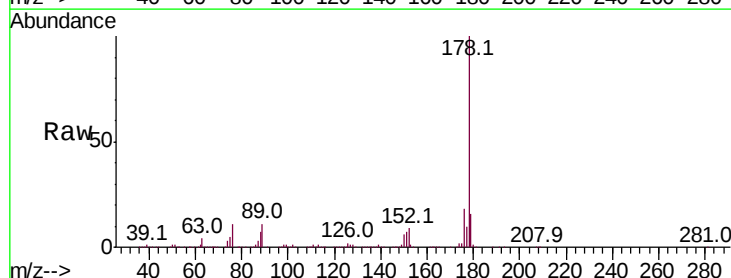
Tgt Ion:178 Resp: 3672262

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.6	12.1	18.1

178 100

176 18.5 14.8 22.2

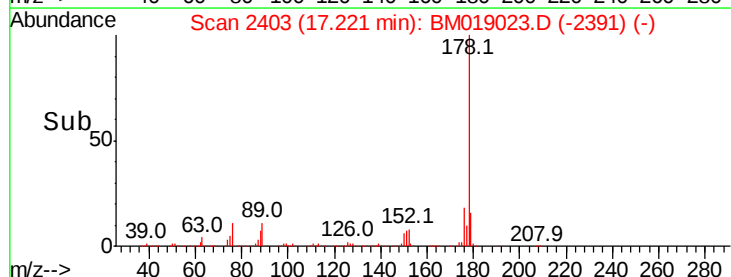
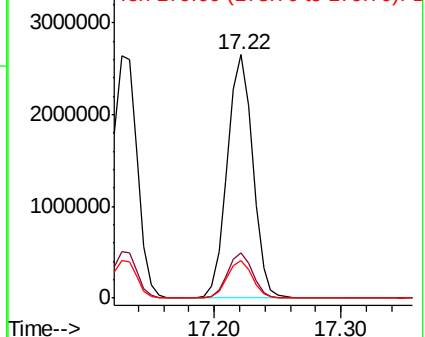
179 15.6 12.1 18.1

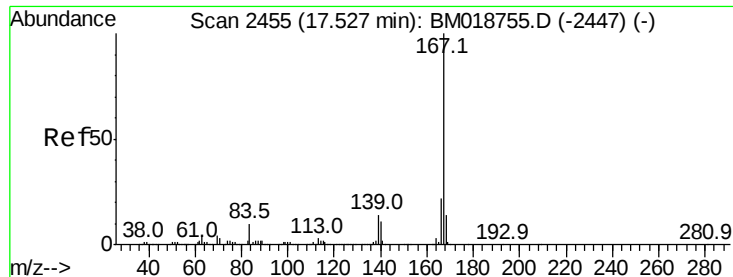


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



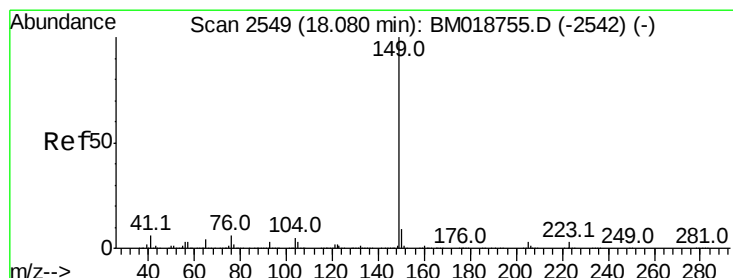
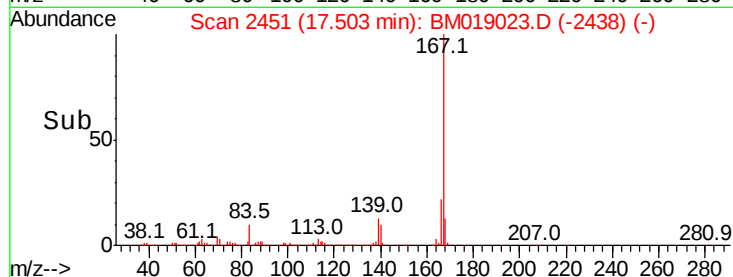
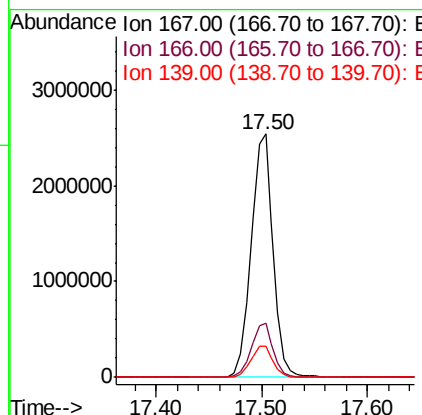
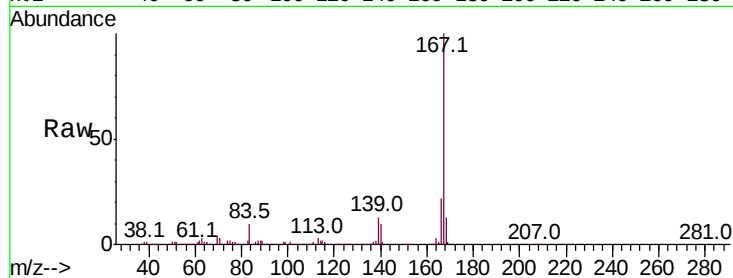


#73
 Carbazole
 Concen: 37.096 ng
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3670320

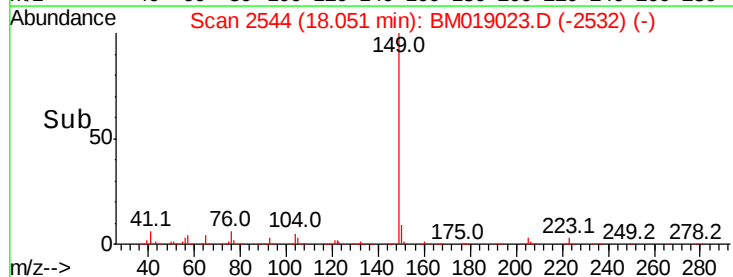
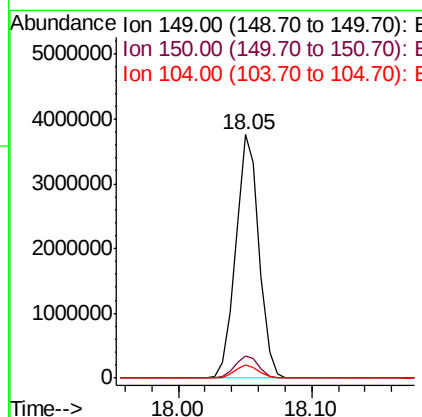
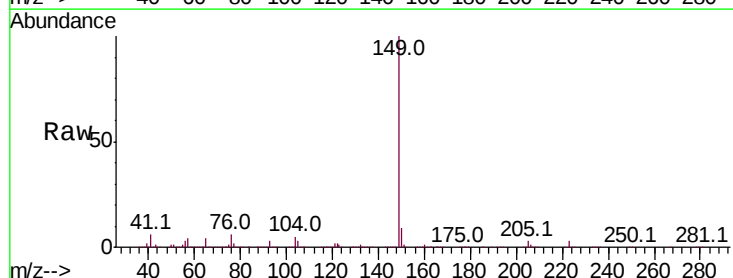
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	12.8	10.9	16.3

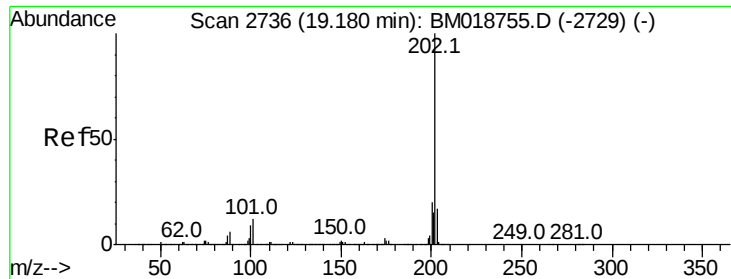


#74
 Di-n-butylphthalate
 Concen: 39.939 ng
 RT: 18.05 min Scan# 2544
 Delta R.T. -0.03 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

Tgt Ion:149 Resp: 4544651

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.3	4.3	6.5





#75

Fluoranthene

Concen: 34.209 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

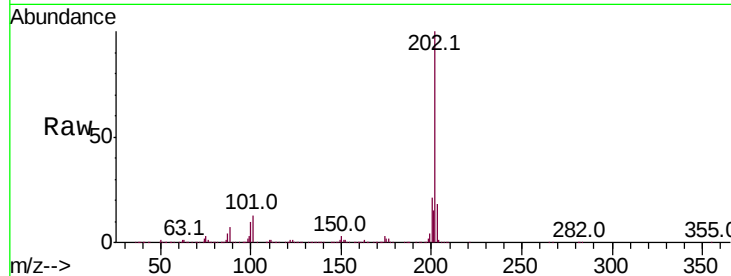
Tot Ion:202 Resp: 3844731

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.5

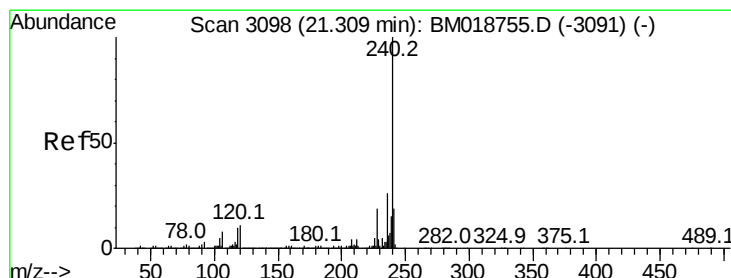
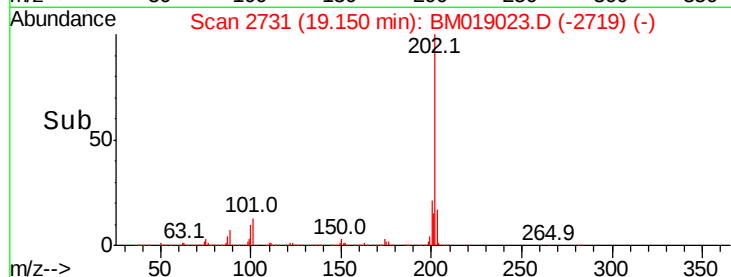
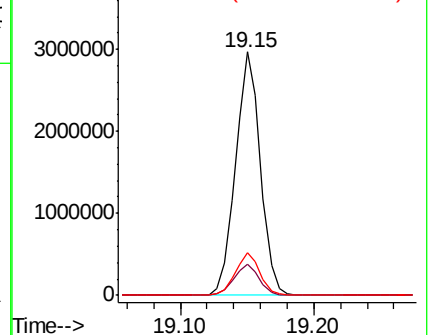
203 17.5 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

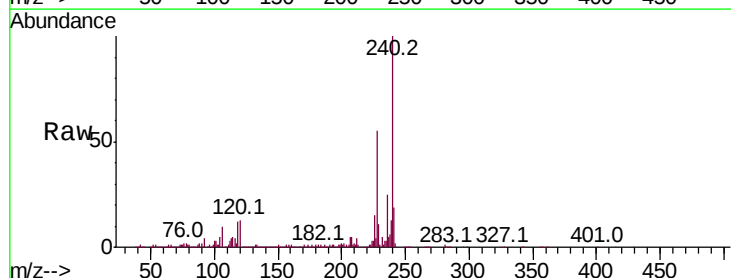
Tgt Ion:240 Resp: 1427073

Ion Ratio Lower Upper

240 100

120 12.5 8.9 13.3

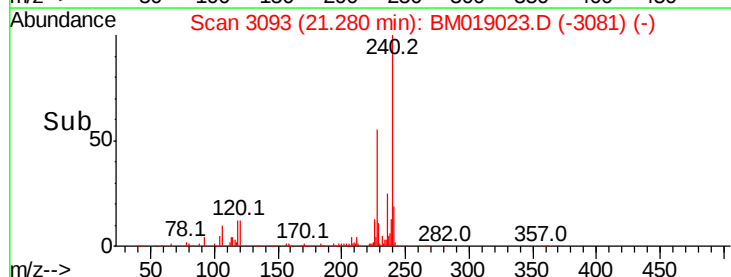
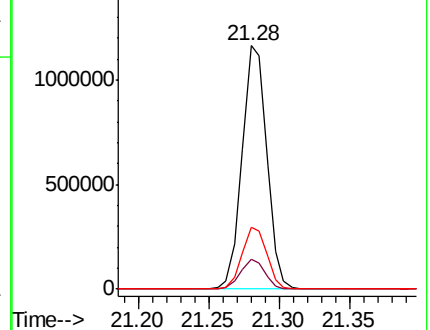
236 25.3 20.9 31.3

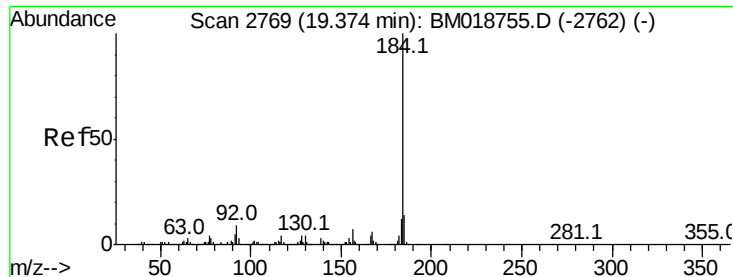


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.409 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

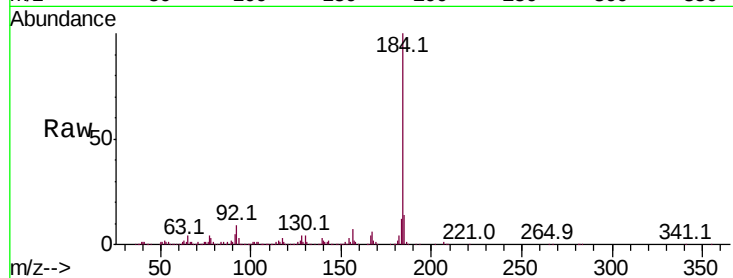
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1620137

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.2	16.8
183	12.2	9.7	14.5

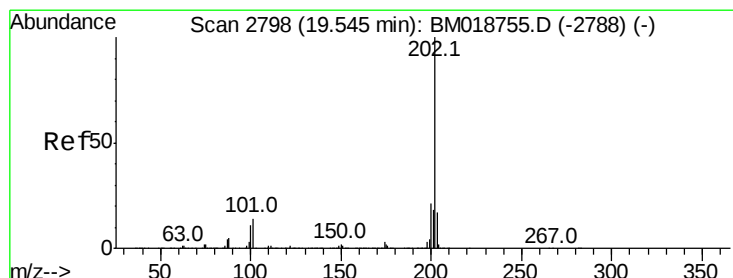
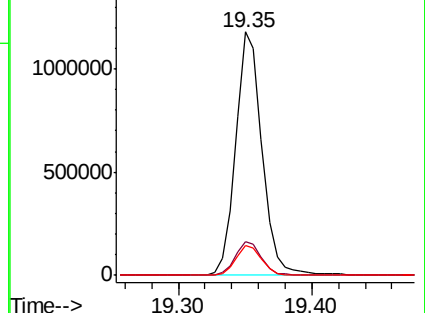
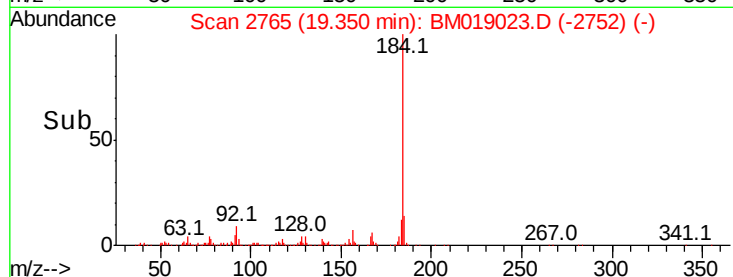


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.468 ng

RT: 19.52 min Scan# 2793

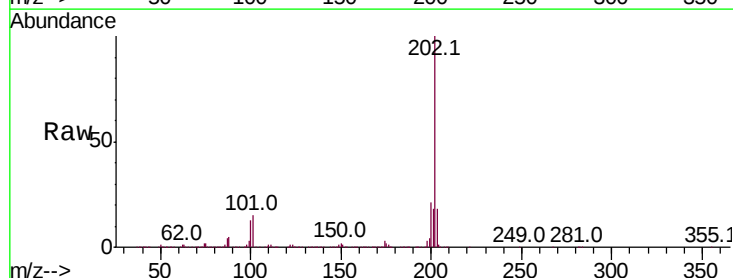
Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Tgt Ion:202 Resp: 3934259

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.6	13.8	20.8

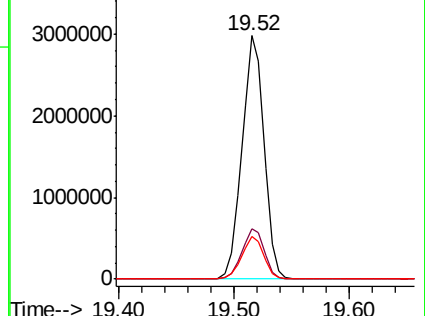
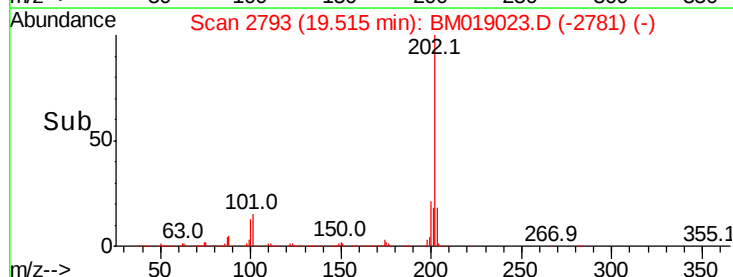


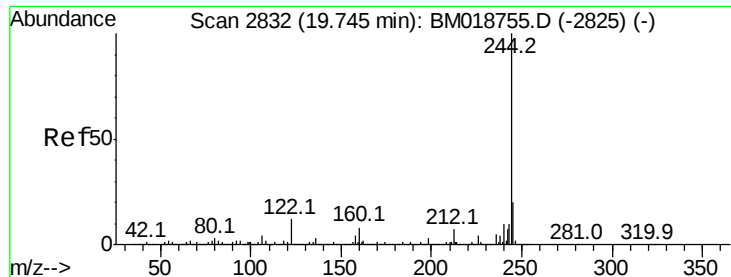
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

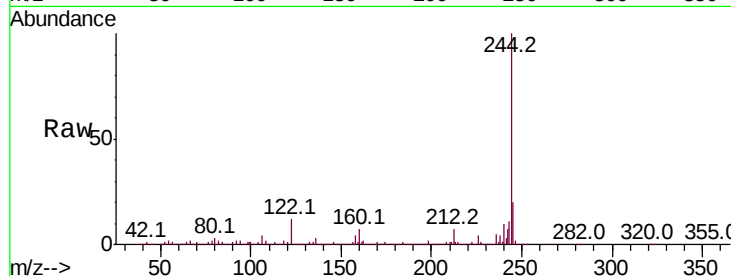




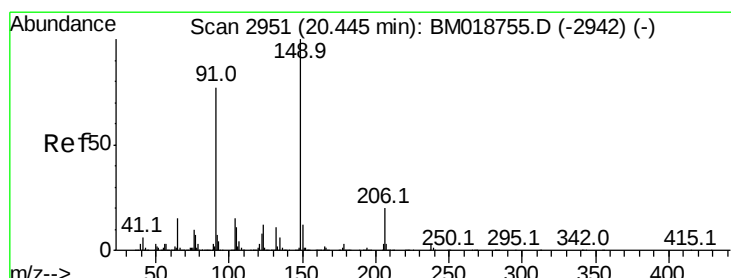
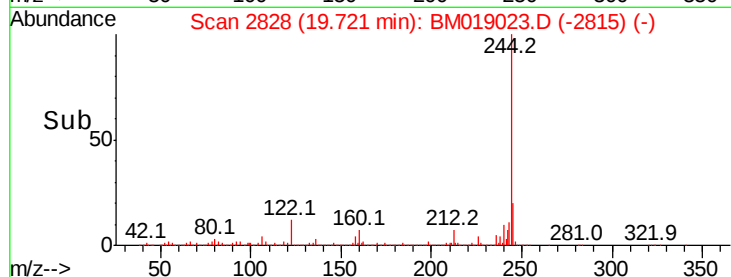
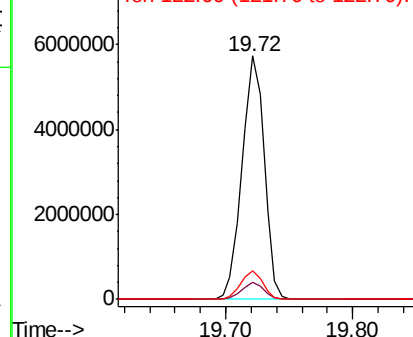
#79
 Terphenyl-d14
 Concen: 100.320 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.02 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 6939960
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.6 9.3 13.9

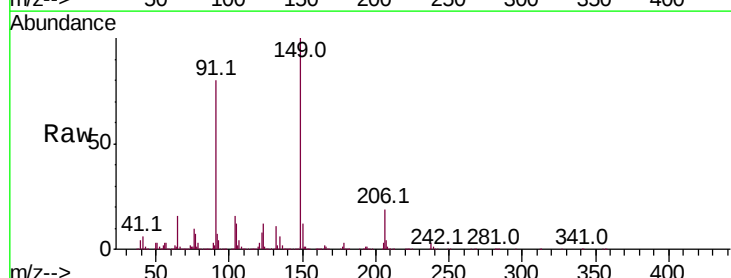


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

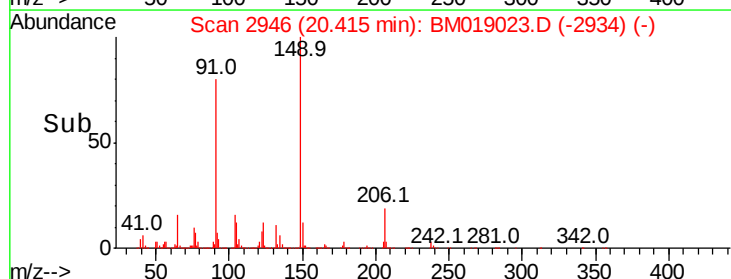
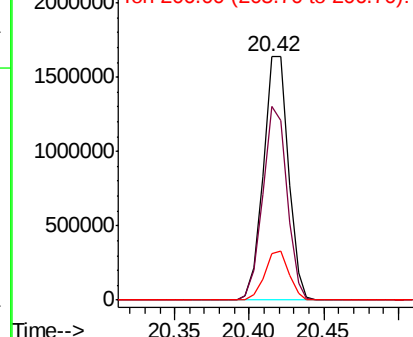


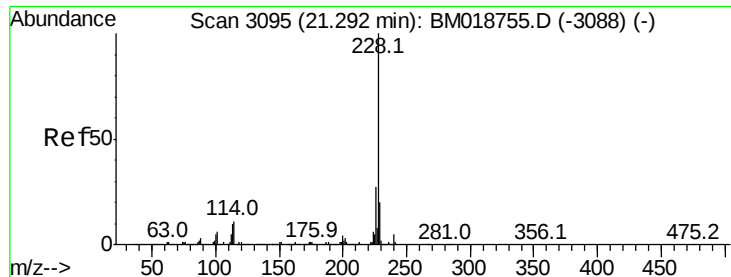
#80
 Butylbenzylphthalate
 Concen: 49.898 ng
 RT: 20.42 min Scan# 2946
 Delta R.T. -0.03 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

Tgt Ion:149 Resp: 1884811
 Ion Ratio Lower Upper
 149 100
 91 79.5 61.4 92.0
 206 19.0 15.8 23.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.147 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

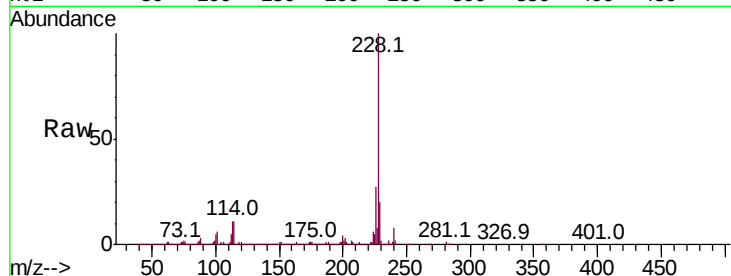
Tot Ion:228 Resp: 3173319

Ion Ratio Lower Upper

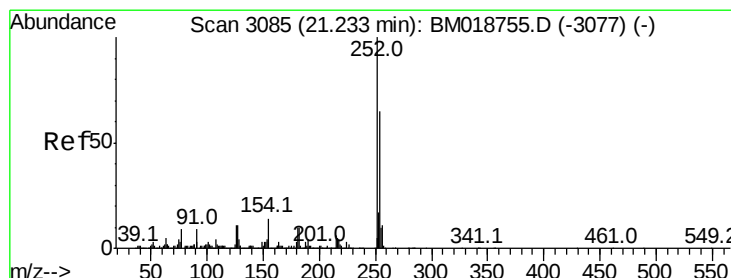
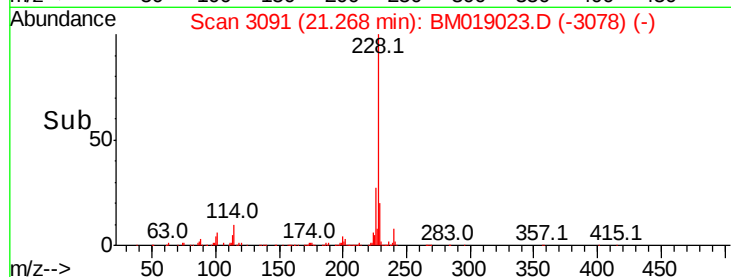
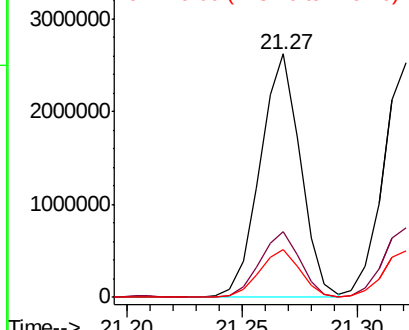
228 100

226 26.7 21.9 32.9

229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.495 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.02 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

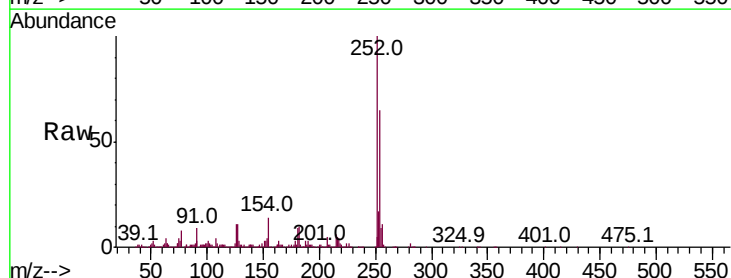
Tgt Ion:252 Resp: 1265579

Ion Ratio Lower Upper

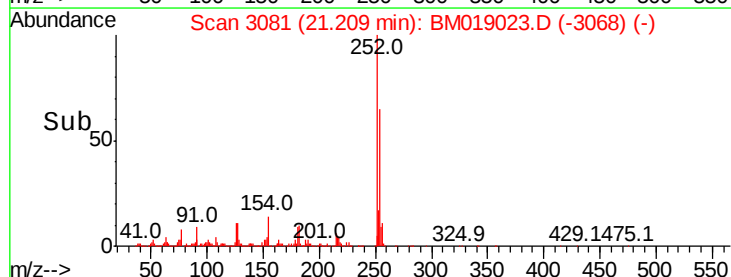
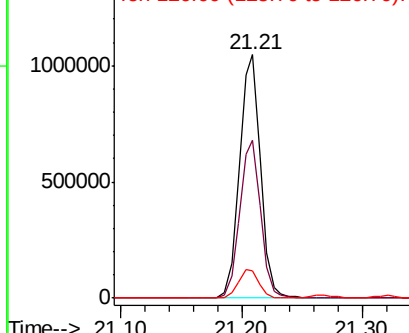
252 100

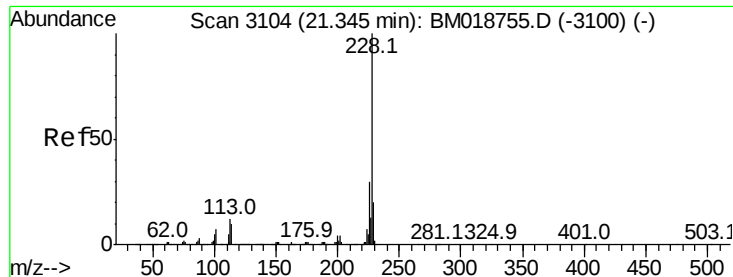
254 64.8 51.8 77.8

126 11.1 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

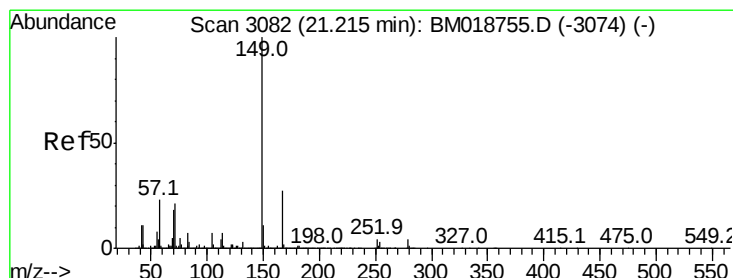
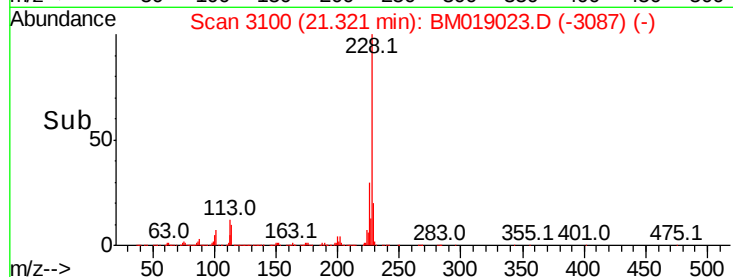
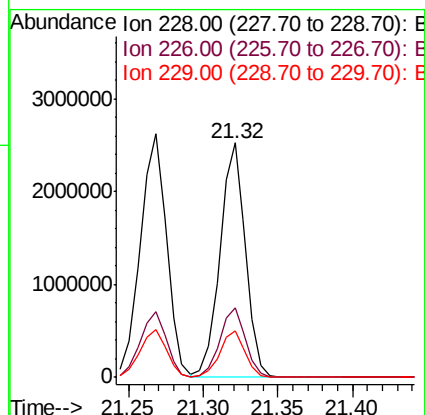
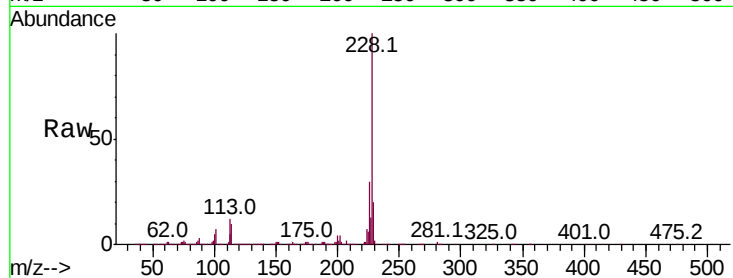




#83
 Chrysene
 Concen: 37.861 ng
 RT: 21.32 min Scan# 3100
 Delta R.T. -0.02 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

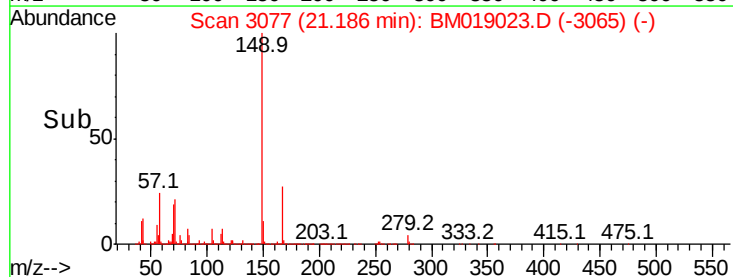
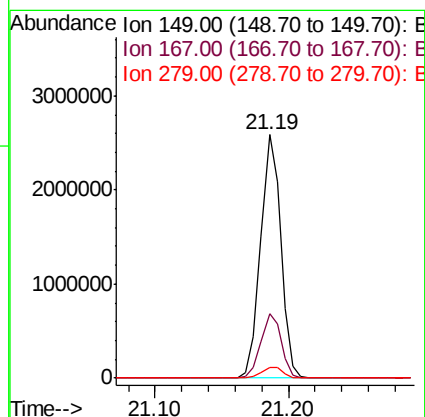
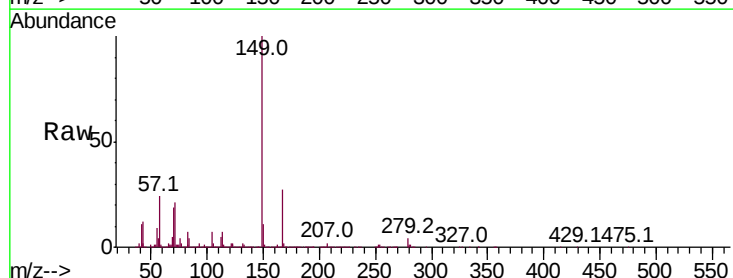
Instrument :
 BNA_M
 ClientSampleId :

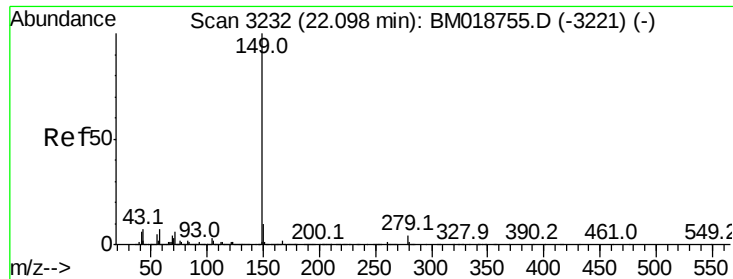
Tot Ion:228 Resp: 3018803
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.1 36.1
 229 19.7 16.0 24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.439 ng
 RT: 21.19 min Scan# 3077
 Delta R.T. -0.03 min
 Lab File: BM019023.D
 Acq: 04 Mar 2019 23:53

Tgt Ion:149 Resp: 2677977
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.8 32.6
 279 4.2 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 42.059 ng

RT: 22.07 min Scan# 3227

Delta R.T. -0.03 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

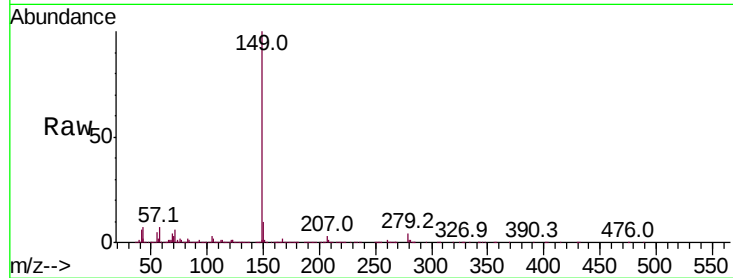
Tot Ion:149 Resp: 3908064

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

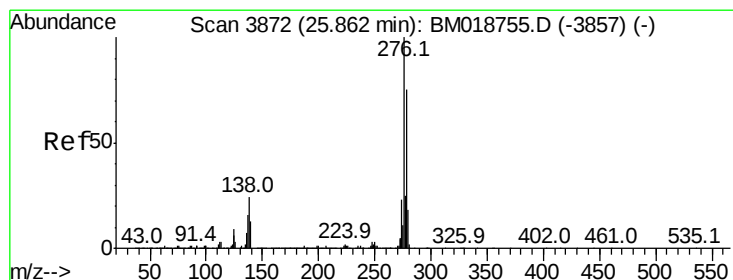
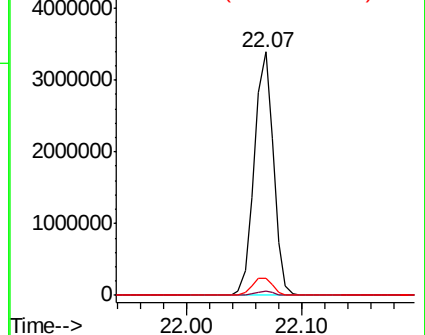
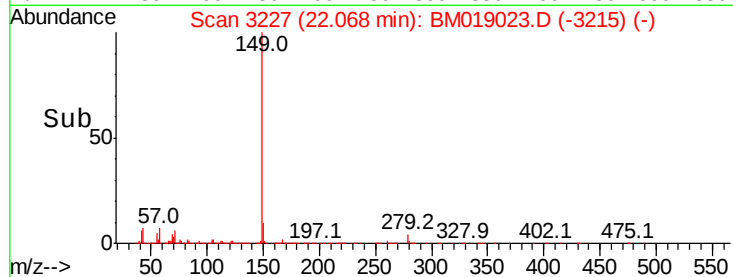
43 7.6 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.200 ng

RT: 25.80 min Scan# 3862

Delta R.T. -0.06 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

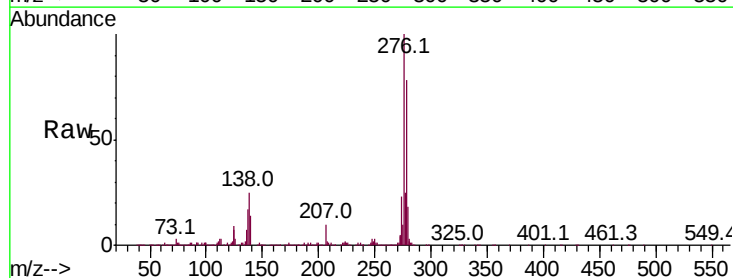
Tgt Ion:276 Resp: 3332421

Ion Ratio Lower Upper

276 100

138 25.0 20.2 30.4

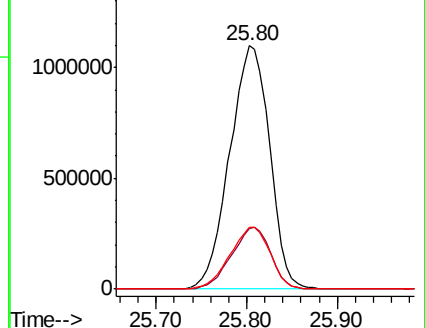
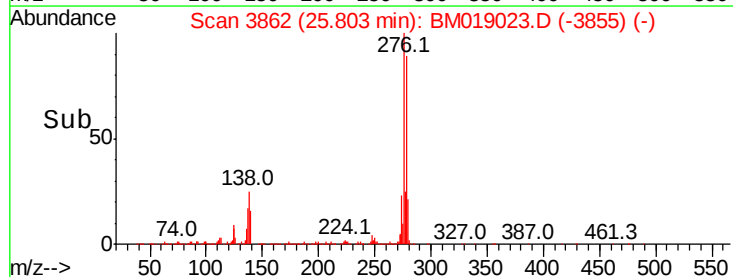
277 25.4 20.3 30.5

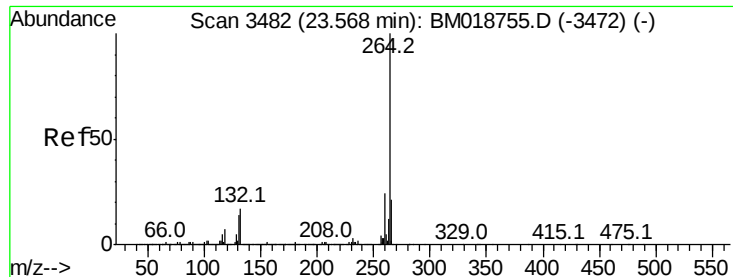


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

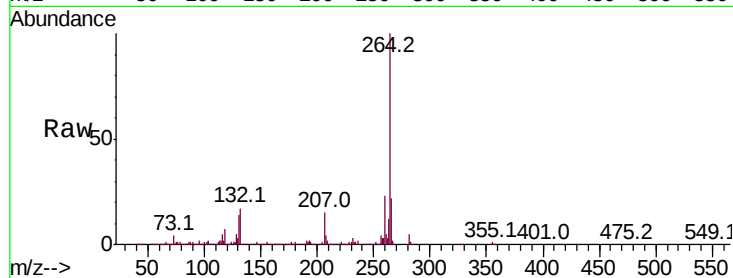
Tot Ion:264 Resp: 1308809

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.9	17.3	25.9

264 100

260 23.4 18.9 28.3

265 21.9 17.3 25.9

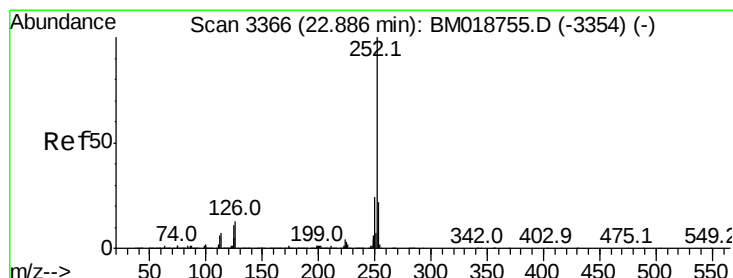
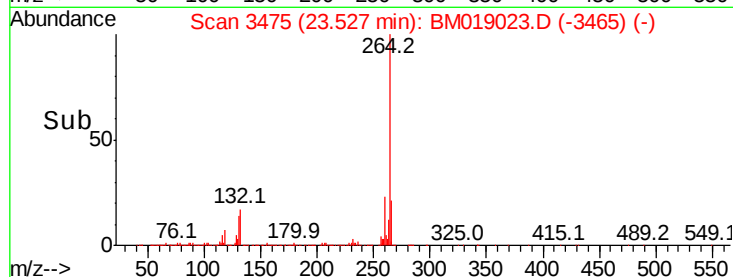
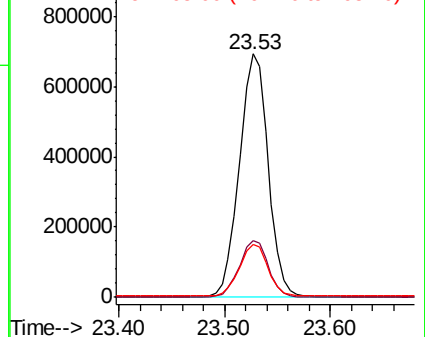


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.268 ng

RT: 22.85 min Scan# 3360

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

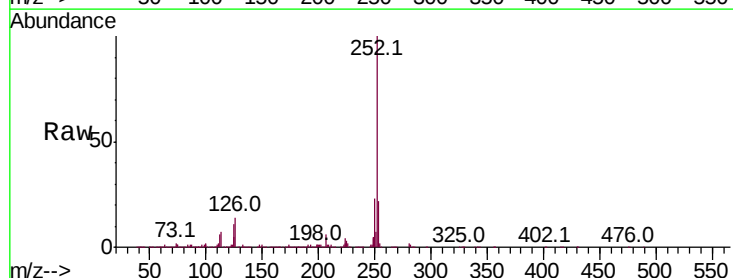
Tgt Ion:252 Resp: 2865568

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.6	8.6	12.8

252 100

253 22.1 17.8 26.6

125 10.6 8.6 12.8

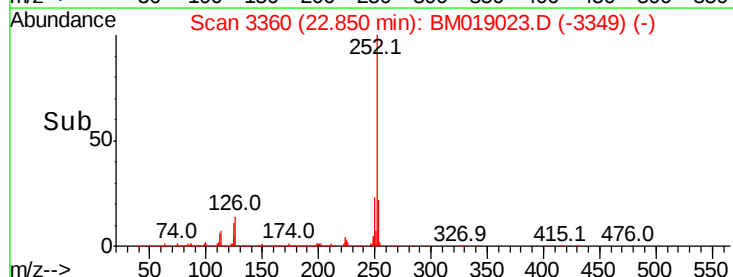
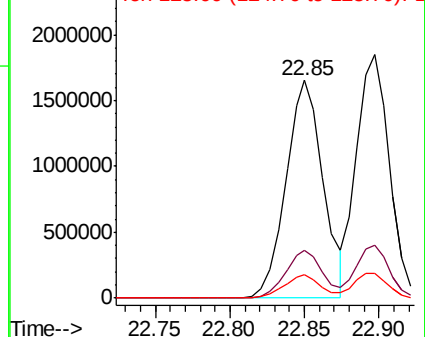


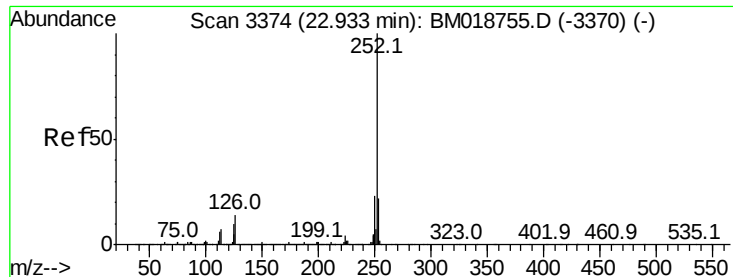
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.742 ng

RT: 22.90 min Scan# 3368

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampled :

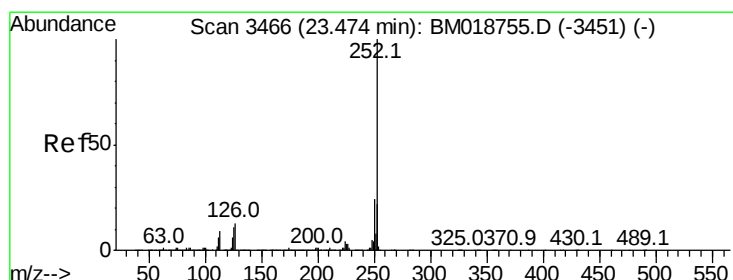
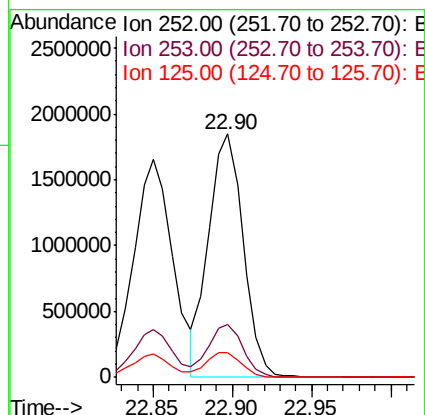
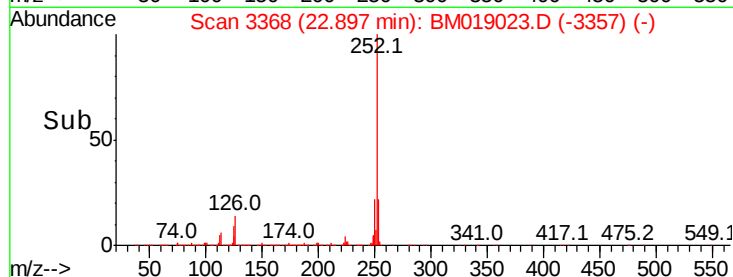
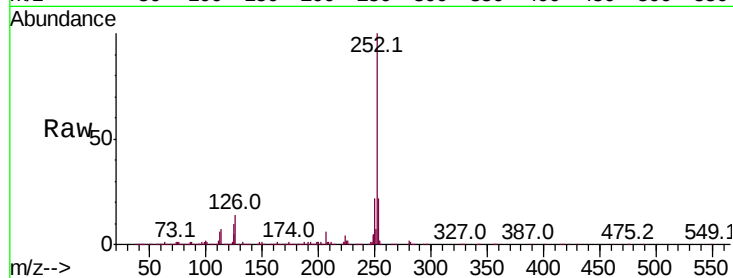
Tot Ion:252 Resp: 2813640

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.2 8.2 12.4



#90

Benzo(a)pyrene

Concen: 38.061 ng

RT: 23.43 min Scan# 3459

Delta R.T. -0.04 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

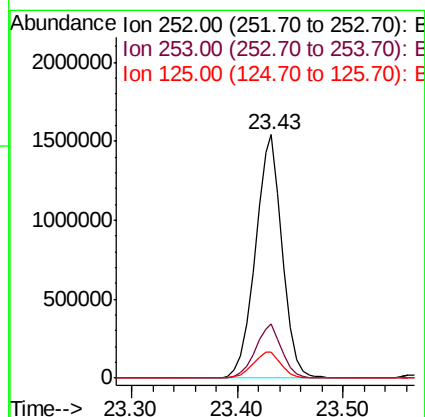
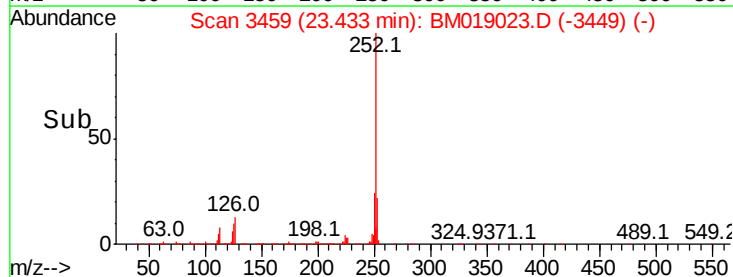
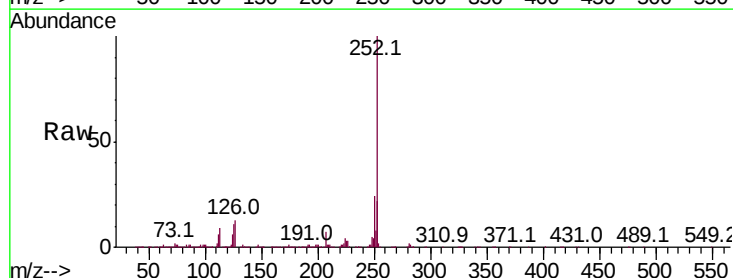
Tgt Ion:252 Resp: 2699946

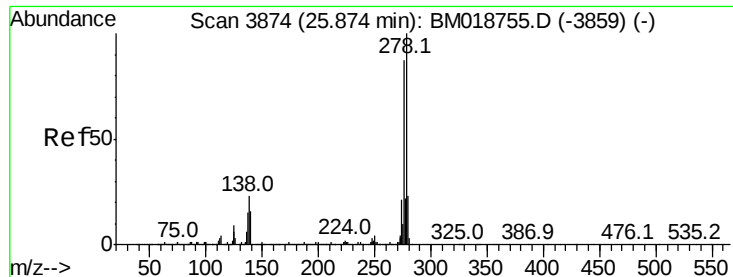
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 40.736 ng

RT: 25.81 min Scan# 3864

Delta R.T. -0.06 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

Instrument :

BNA_M

ClientSampleId :

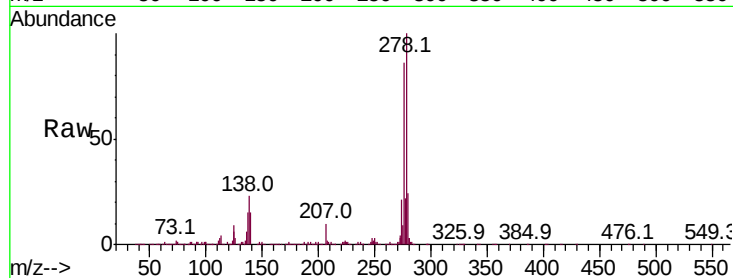
Tot Ion:278 Resp: 2862970

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.6	18.8
279	23.6	18.6	28.0

278 100

139 15.5 12.6 18.8

279 23.6 18.6 28.0

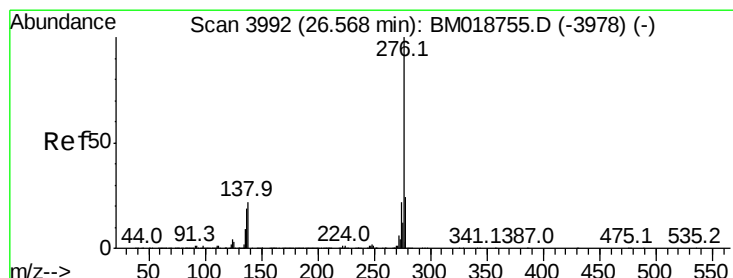
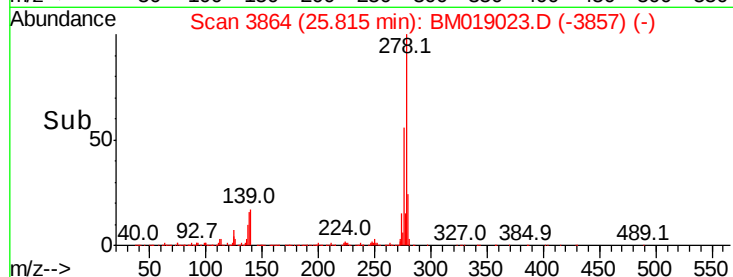
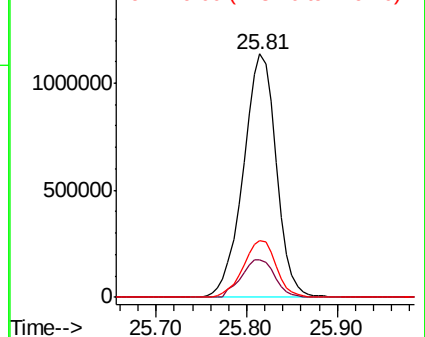


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.351 ng

RT: 26.50 min Scan# 3981

Delta R.T. -0.07 min

Lab File: BM019023.D

Acq: 04 Mar 2019 23:53

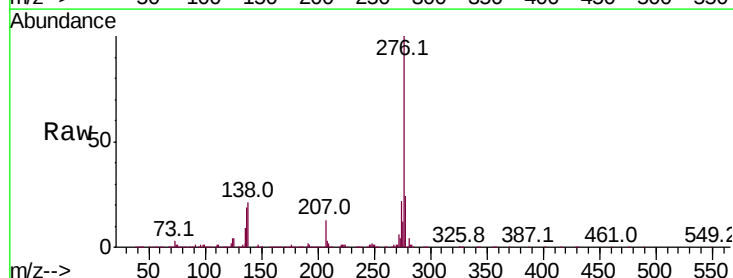
Tgt Ion:276 Resp: 2705591

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	20.7	17.3	25.9

276 100

277 23.7 19.2 28.8

138 20.7 17.3 25.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

