

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019021.D
 Acq On : 04 Mar 2019 22:05
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:36:36 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	355701	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1543291	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	907588	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1944733	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	1548200	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1364095	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1660979	76.51	ng	-0.03
7) Phenol-d6	6.86	99	2481780	81.15	ng	-0.02
23) Nitrobenzene-d5	8.85	82	2603551	78.01	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1047891	80.10	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	5326565	77.91	ng	-0.03
79) Terphenyl-d14	19.72	244	7496667	99.89	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	329473	34.845	ng	99
3) Pyridine	3.63	79	1021635	39.611	ng	99
4) n-Nitrosodimethylamine	3.55	42	264176	40.263	ng	96
6) Aniline	7.03	93	1487834	39.705	ng	99
8) 2-Chlorophenol	7.25	128	948840	39.809	ng	98
9) Benzaldehyde	6.84	77	648135	38.358	ng	99
10) Phenol	6.89	94	1288278	40.034	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	982511	40.025	ng	99
12) 1,3-Dichlorobenzene	7.56	146	1035837	38.649	ng	99
13) 1,4-Dichlorobenzene	7.72	146	1060549	38.870	ng	99
14) 1,2-Dichlorobenzene	8.03	146	1023623	39.057	ng	99
15) Benzyl Alcohol	7.93	79	1005133	41.362	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	975521	41.061	ng	98
17) 2-Methylphenol	8.12	107	829715	40.511	ng	98
18) Hexachloroethane	8.74	117	391750	39.332	ng	98
19) n-Nitroso-di-n-propylamine	8.49	70	970929	41.003	ng	100
20) 3+4-Methylphenols	8.46	107	1158720	40.971	ng	99
22) Acetophenone	8.51	105	1621917	38.269	ng	# 99
24) Nitrobenzene	8.89	77	1307059	37.727	ng	98
25) Isophorone	9.41	82	2096551	39.368	ng	99
26) 2-Nitrophenol	9.59	139	578538	41.932	ng	98
27) 2,4-Dimethylphenol	9.65	122	799255	39.663	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	1336356	38.804	ng	100
29) 2,4-Dichlorophenol	10.12	162	932812	40.314	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	1032966	38.657	ng	98
31) Naphthalene	10.52	128	2883000	38.303	ng	99
32) Benzoic acid	9.84	122	653232	37.162	ng	95
33) 4-Chloroaniline	10.65	127	1306093	38.819	ng	98
34) Hexachlorobutadiene	10.78	225	589407	38.001	ng	99
35) Caprolactam	11.47	113	329305	34.872	ng	94
36) 4-Chloro-3-methylphenol	11.77	107	1097986	39.358	ng	98
37) 2-Methylnaphthalene	12.13	142	2067728	39.019	ng	99
38) 1-Methylnaphthalene	12.36	142	1997115	38.539	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	1114850	38.400	ng	100

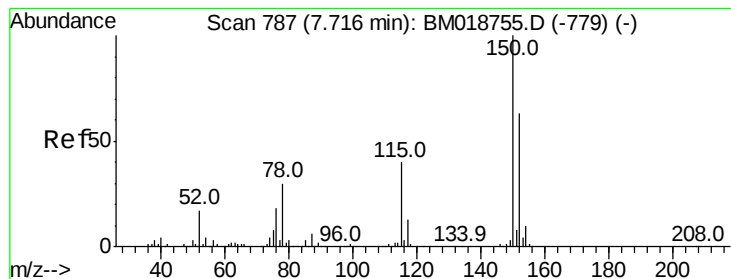
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019021.D
 Acq On : 04 Mar 2019 22:05
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:36:36 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)
41) Hexachlorocyclopentadiene	12.47	237	482047	32.475	ng	98
43) 2,4,6-Trichlorophenol	12.76	196	766974	39.905	ng	100
44) 2,4,5-Trichlorophenol	12.83	196	798260	39.626	ng	98
46) 1,1'-Biphenyl	13.16	154	3000048	38.401	ng	100
47) 2-Chloronaphthalene	13.20	162	2311292	38.304	ng	100
48) 2-Nitroaniline	13.43	65	793852	39.612	ng	97
49) Acenaphthylene	14.06	152	3447064	38.365	ng	99
50) Dimethylphthalate	13.80	163	2797707	36.988	ng	99
51) 2,6-Dinitrotoluene	13.93	165	635880	38.809	ng	95
52) Acenaphthene	14.40	154	2093957	38.007	ng	100
53) 3-Nitroaniline	14.27	138	679090	36.681	ng	99
54) 2,4-Dinitrophenol	14.47	184	316225	33.987	ng	98
55) Dibenzofuran	14.73	168	3390718	37.444	ng	99
56) 4-Nitrophenol	14.57	139	539516	36.506	ng	98
57) 2,4-Dinitrotoluene	14.72	165	881342	39.040	ng	98
58) Fluorene	15.39	166	2656218	38.342	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	659341	37.028	ng	99
60) Diethylphthalate	15.17	149	2893379	37.083	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	1465909	37.740	ng	99
62) 4-Nitroaniline	15.44	138	648560	35.734	ng	96
63) Azobenzene	15.67	77	3161975	37.796	ng	100
65) 4,6-Dinitro-2-methylphenol	15.49	198	501837	36.753	ng	95
66) n-Nitrosodiphenylamine	15.60	169	2456670	39.984	ng	100
67) 4-Bromophenyl-phenylether	16.28	248	870488	39.989	ng	99
68) Hexachlorobenzene	16.38	284	995143	39.331	ng	97
69) Atrazine	16.56	200	634180	32.016	ng	99
70) Pentachlorophenol	16.73	266	618141	37.943	ng	100
71) Phenanthrene	17.13	178	3946793	37.764	ng	100
72) Anthracene	17.22	178	3934621	38.679	ng	100
73) Carbazole	17.50	167	3945318	37.122	ng	99
74) Di-n-butylphthalate	18.05	149	4900728	40.095	ng	100
75) Fluoranthene	19.15	202	4170722	34.547	ng	98
77) Benzidine	19.35	184	1856868	53.255	ng	100
78) Pyrene	19.52	202	4258595	47.361	ng	100
80) Butylbenzylphthalate	20.42	149	2084466	50.867	ng	99
81) Benzo(a)anthracene	21.27	228	3458649	38.324	ng	100
82) 3,3'-Dichlorobenzidine	21.21	252	1385175	38.836	ng	100
83) Chrysene	21.32	228	3261646	37.707	ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	2974185	49.588	ng	99
85) Di-n-octyl phthalate	22.07	149	4393658	43.586	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	3383113	33.875	ng	100
88) Benzo(b)fluoranthene	22.85	252	2984378	38.239	ng	100
89) Benzo(k)fluoranthene	22.90	252	3001757	38.633	ng	100
90) Benzo(a)pyrene	23.43	252	2802651	37.908	ng	99
91) Dibenzo(a,h)anthracene	25.82	278	2900670	39.600	ng	100
92) Benzo(g,h,i)perylene	26.51	276	2737559	40.144	ng	100

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

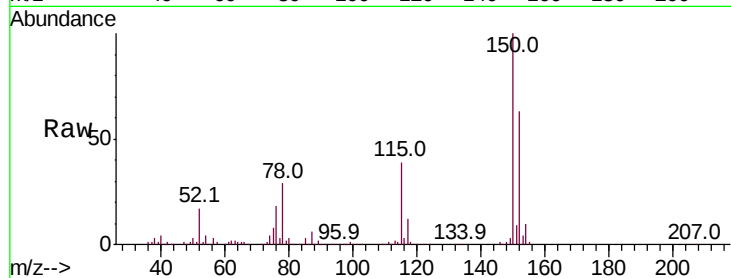


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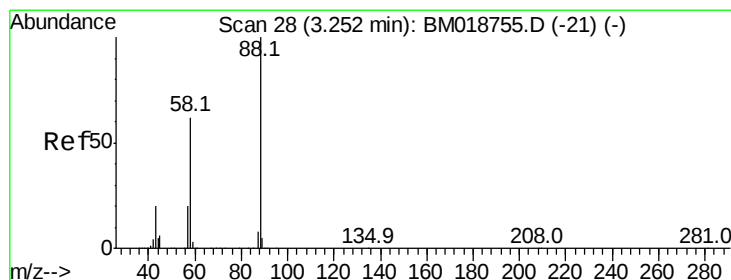
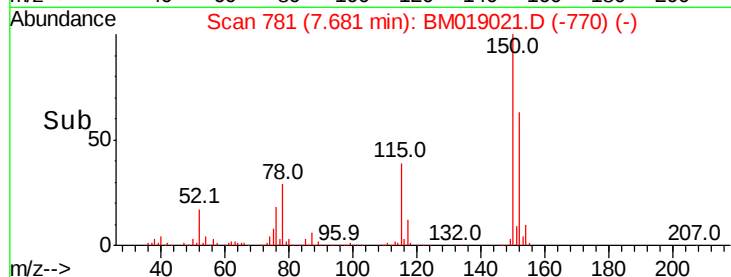
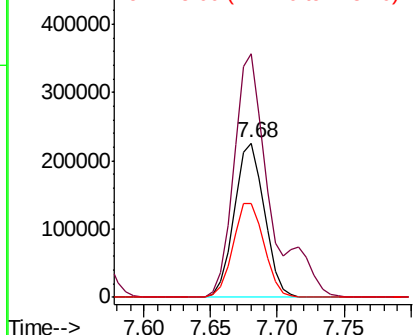
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 355701
Ion Ratio Lower Upper
152 100
150 157.7 127.3 190.9
115 61.1 50.8 76.2



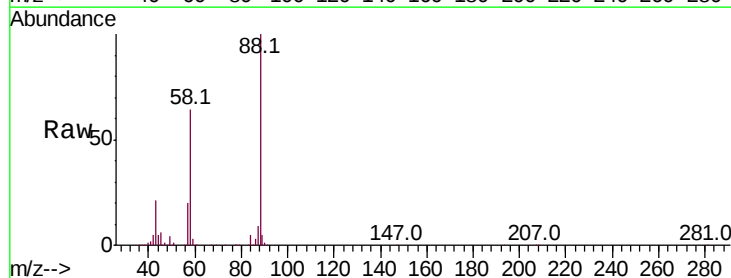
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



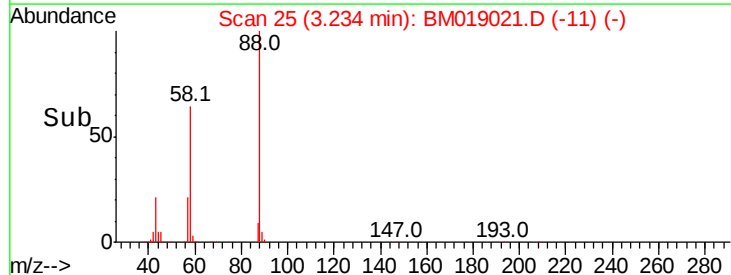
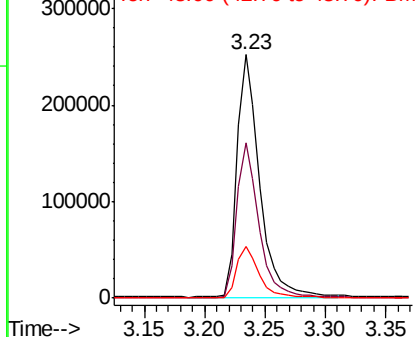
#2

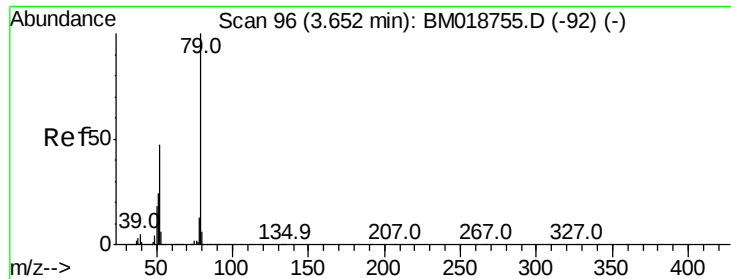
1,4-Dioxane
Concen: 34.845 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.02 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

Tgt Ion: 88 Resp: 329473
Ion Ratio Lower Upper
88 100
58 63.1 49.8 74.6
43 21.7 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: 39.611 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

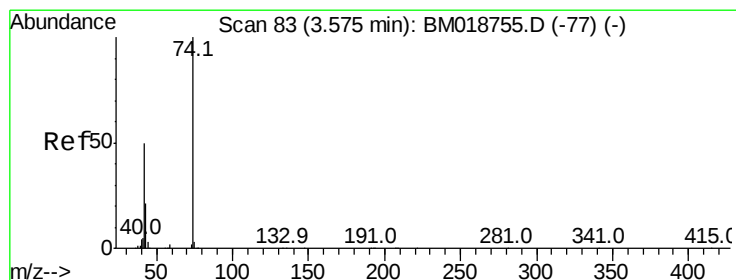
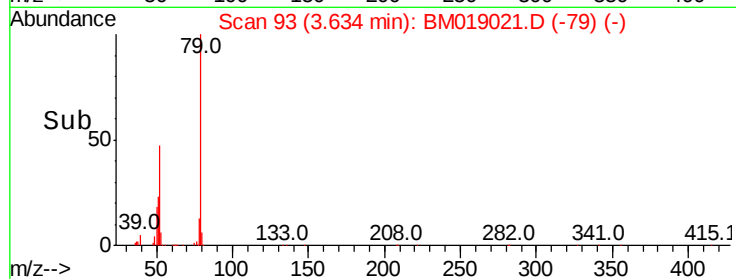
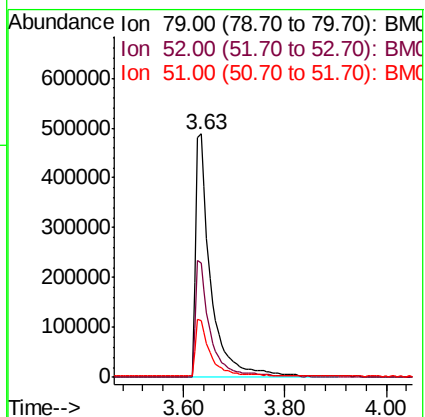
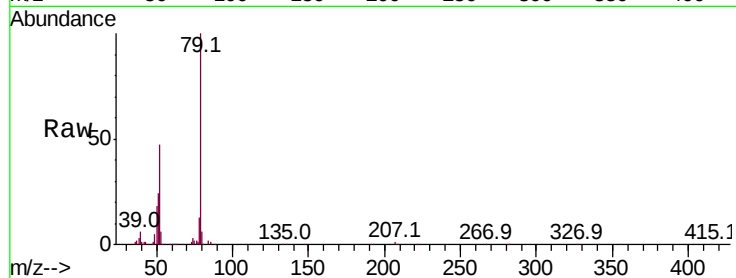
Tot Ion: 79 Resp: 1021635

Ion Ratio Lower Upper

79 100

52 46.9 37.6 56.4

51 23.6 19.7 29.5



#4

n-Nitrosodimethylamine

Concen: 40.263 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

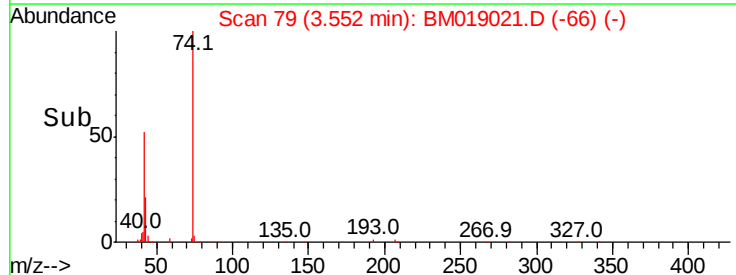
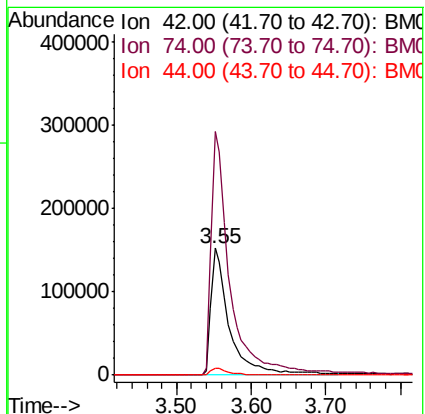
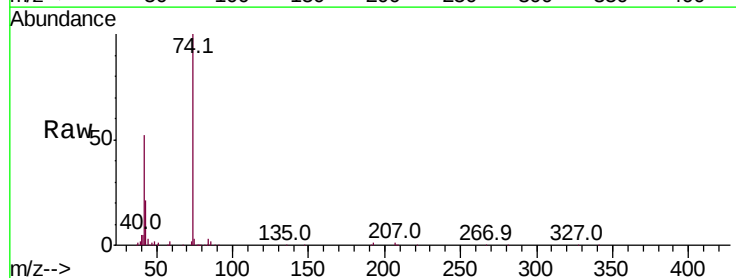
Tgt Ion: 42 Resp: 264176

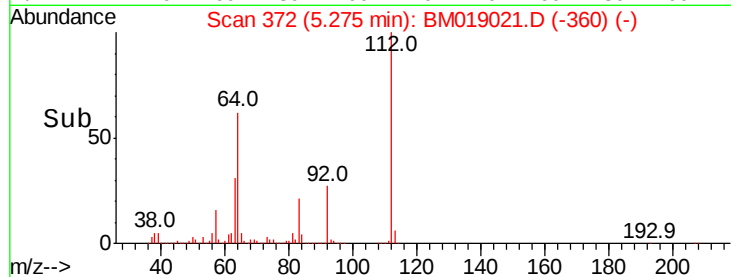
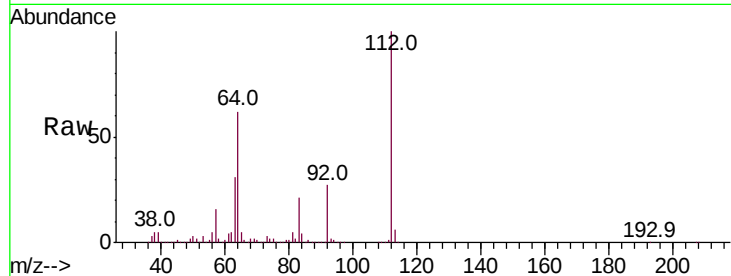
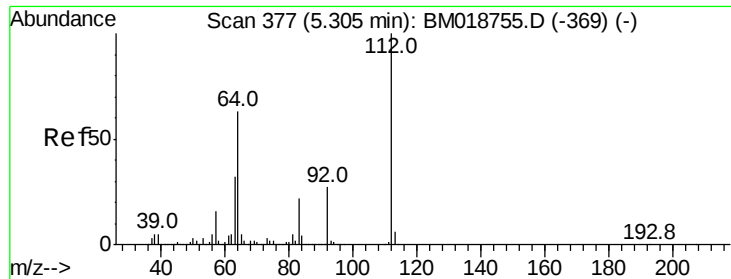
Ion Ratio Lower Upper

42 100

74 192.2 158.1 237.1

44 5.3 4.9 7.3





#5

2-Fluorophenol

Concen: 76.510 ng

RT: 5.27 min Scan# 372

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

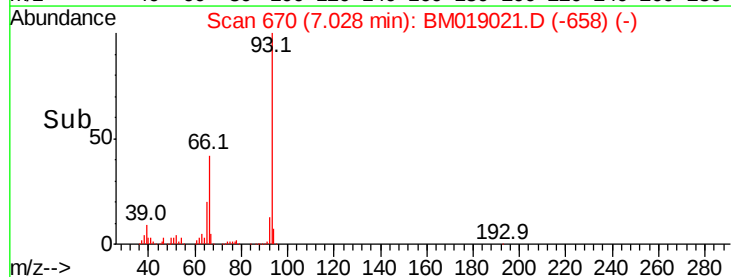
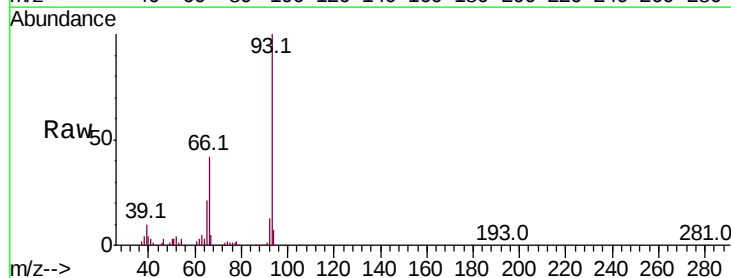
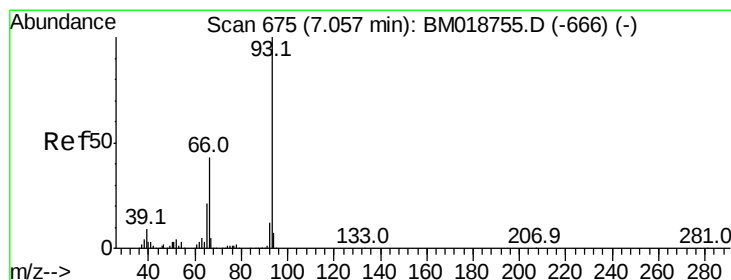
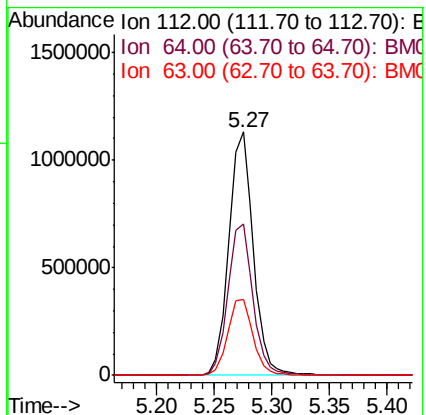
Tot Ion:112 Resp: 1660979

Ion Ratio Lower Upper

112 100

64 62.2 50.6 75.8

63 31.4 25.7 38.5



#6

Aniline

Concen: 39.705 ng

RT: 7.03 min Scan# 670

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

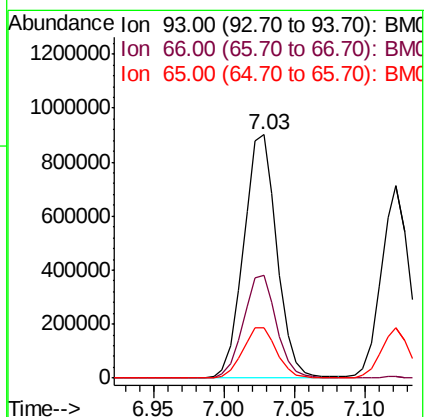
Tgt Ion: 93 Resp: 1487834

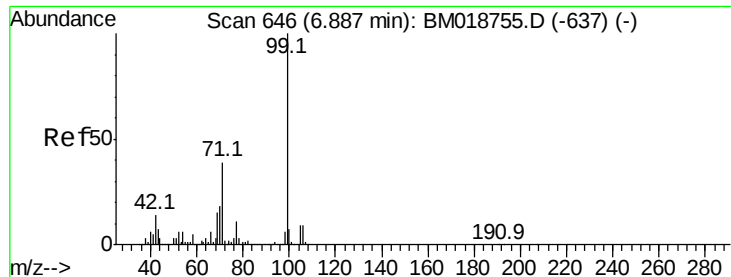
Ion Ratio Lower Upper

93 100

66 42.2 34.1 51.1

65 20.6 16.6 24.8





#7

Phenol-d6

Concen: 81.149 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

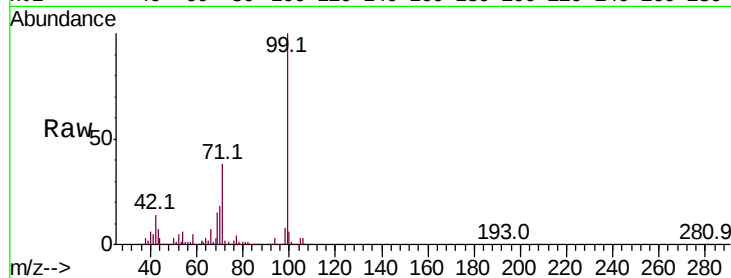
Tot Ion: 99 Resp: 2481780

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

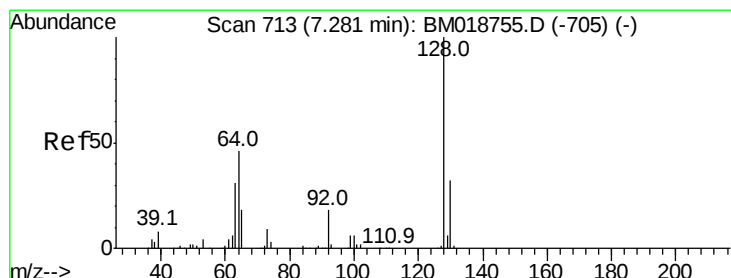
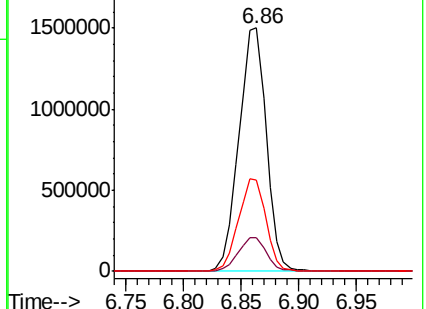
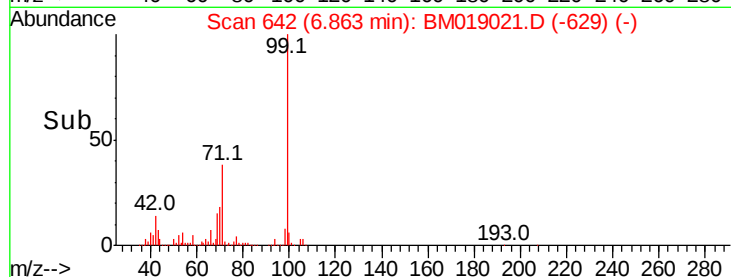
71 37.7 31.3 46.9



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: 39.809 ng

RT: 7.25 min Scan# 707

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

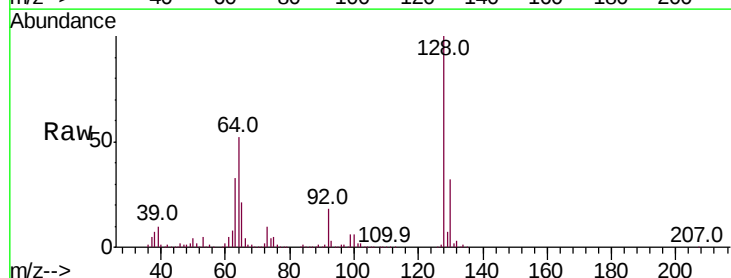
Tgt Ion:128 Resp: 948840

Ion Ratio Lower Upper

128 100

130 32.0 11.7 51.7

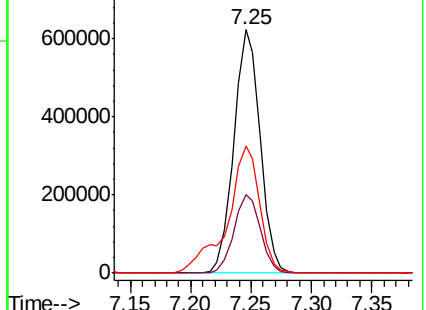
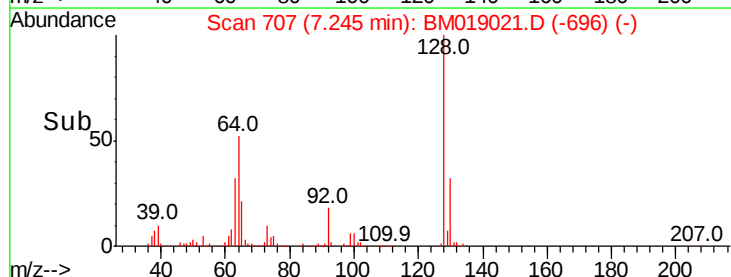
64 52.5 31.0 71.0

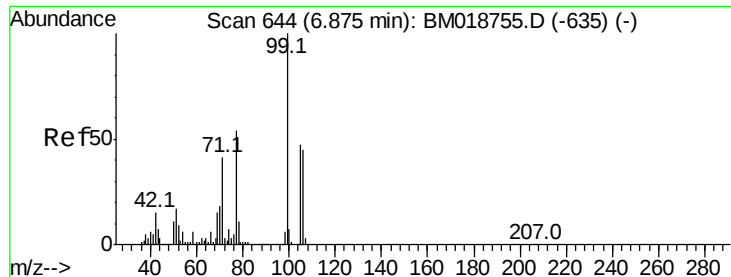


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

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: 38.358 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampled :

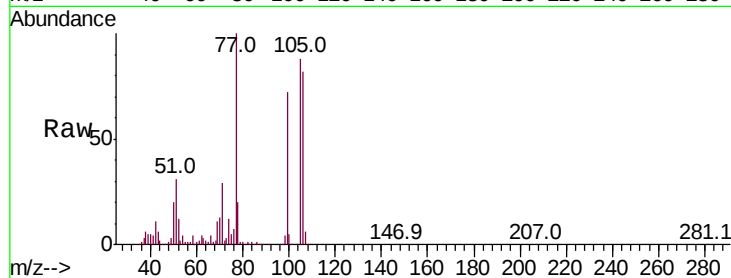
Tot Ion: 77 Resp: 648135

Ion Ratio Lower Upper

77 100

105 87.5 67.3 107.3

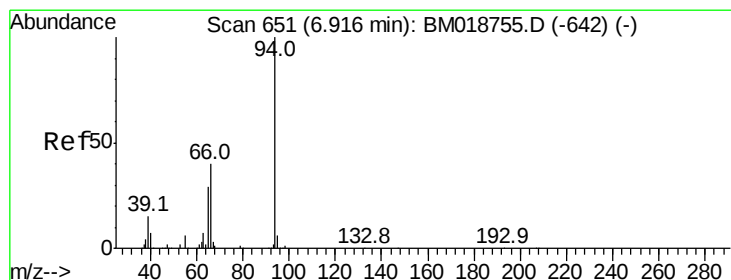
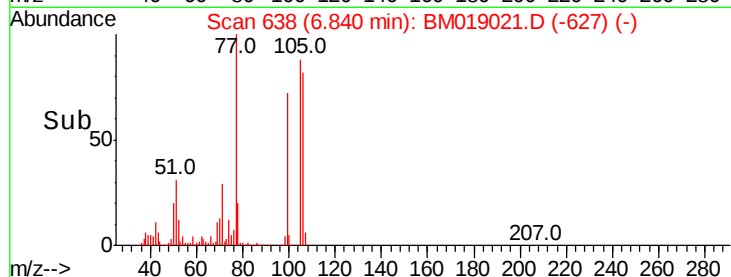
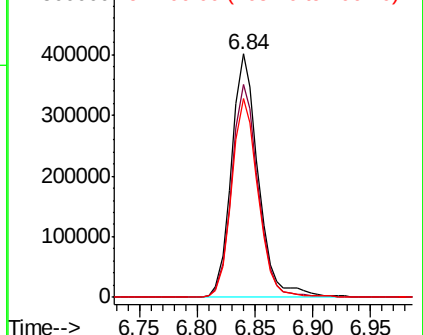
106 81.5 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM018755.D (-635) (-)



#10

Phenol

Concen: 40.034 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

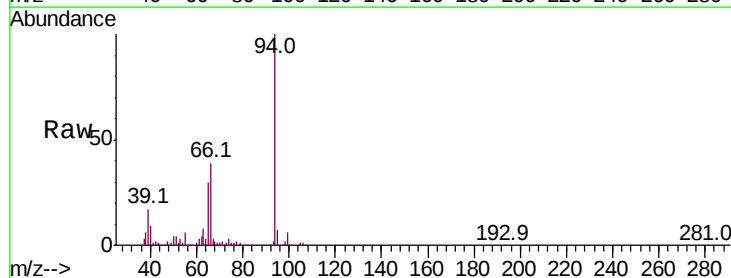
Tgt Ion: 94 Resp: 1288278

Ion Ratio Lower Upper

94 100

65 29.6 9.6 49.6

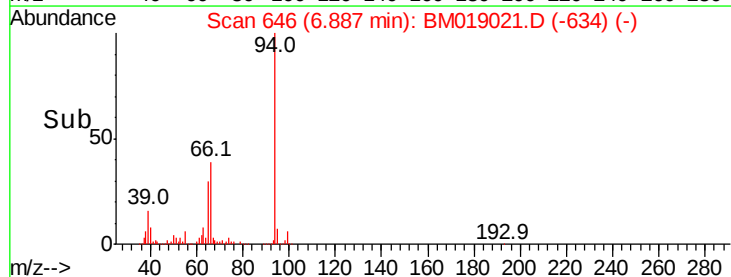
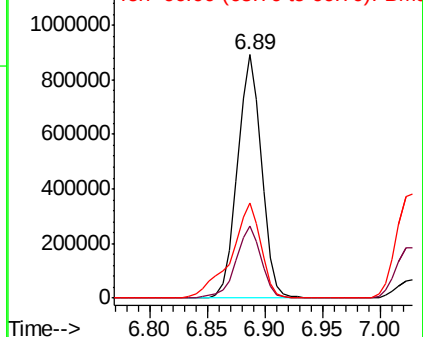
66 39.3 20.4 60.4

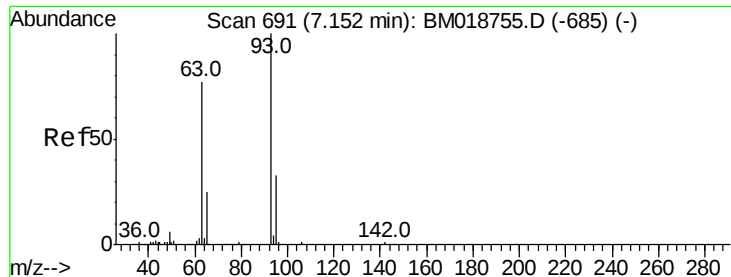


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)





#11

bis(2-Chloroethyl)ether

Concen: 40.025 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampled :

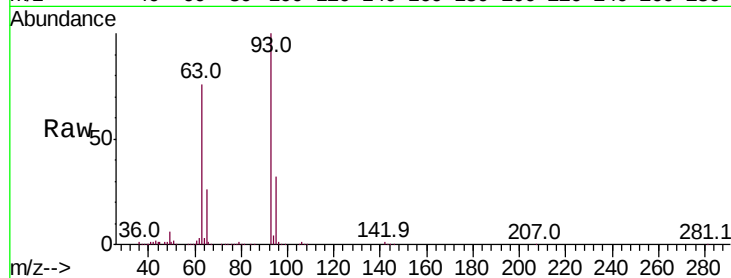
Tot Ion: 93 Resp: 982511

Ion Ratio Lower Upper

93 100

63 75.7 57.0 97.0

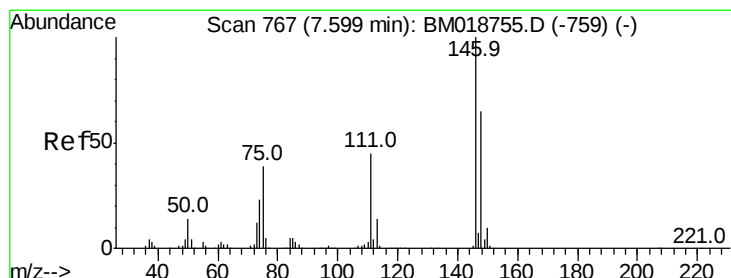
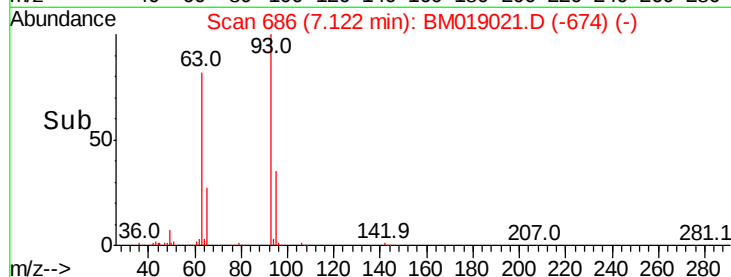
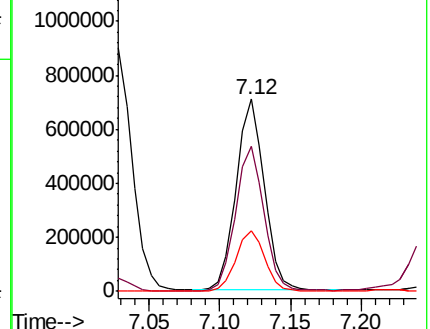
95 31.7 12.4 52.4



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) (-)



#12

1,3-Dichlorobenzene

Concen: 38.649 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

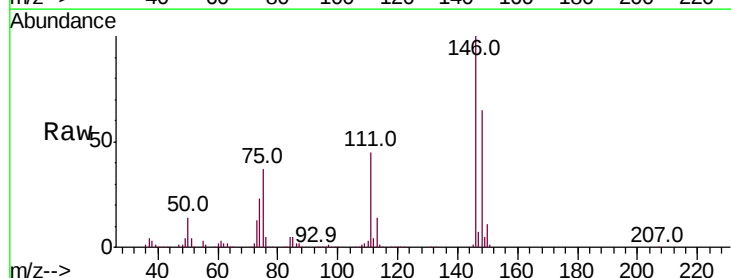
Tgt Ion: 146 Resp: 1035837

Ion Ratio Lower Upper

146 100

148 64.8 51.7 77.5

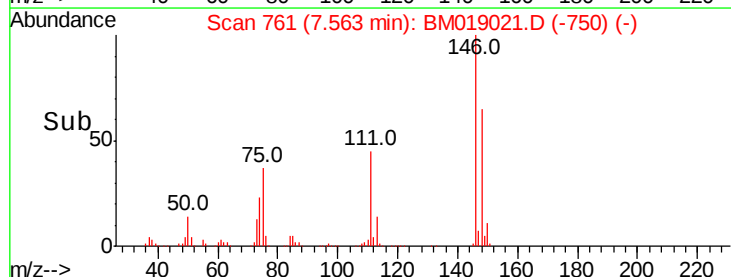
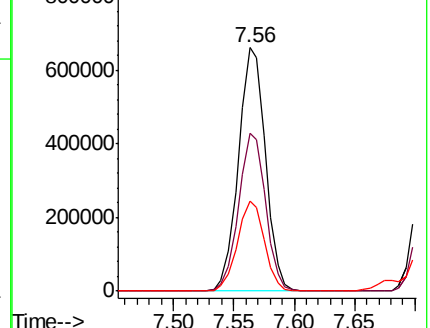
75 37.1 31.3 46.9

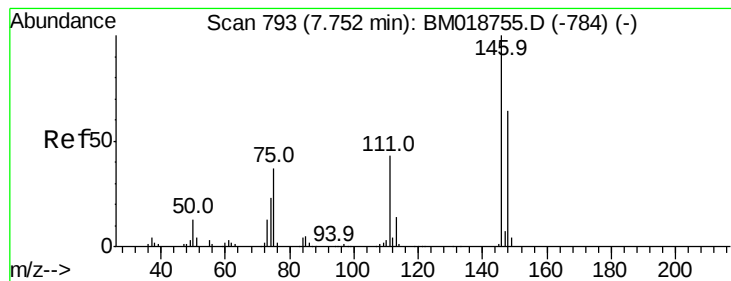


Abundance Ion 146.00 (145.70 to 146.70): BM018755.D (-759) (-)

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: 38.870 ng

RT: 7.72 min Scan# 787

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

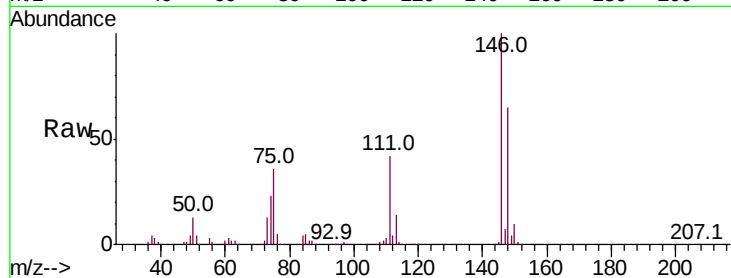
Tot Ion:146 Resp: 1060549

Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.2

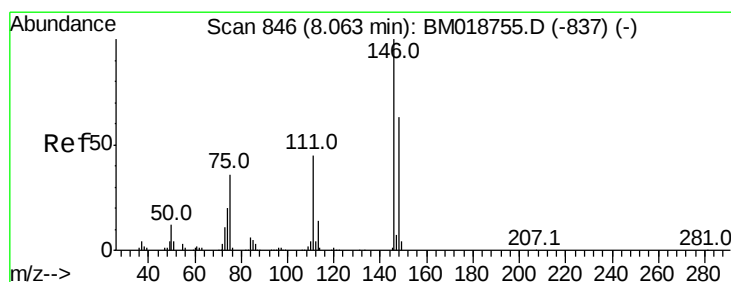
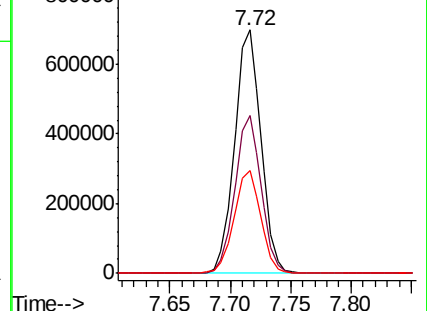
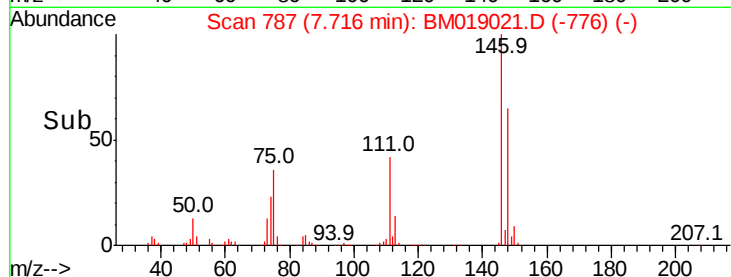
111 42.1 34.6 52.0



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: 39.057 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

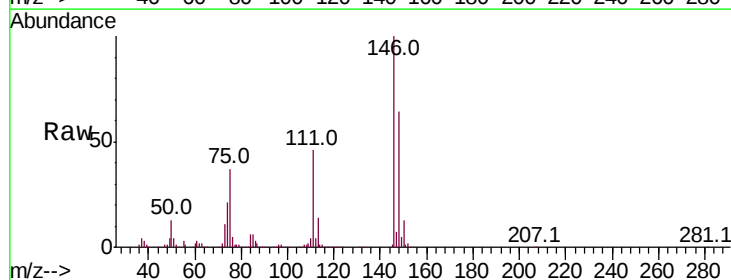
Tgt Ion:146 Resp: 1023623

Ion Ratio Lower Upper

146 100

148 64.4 50.7 76.1

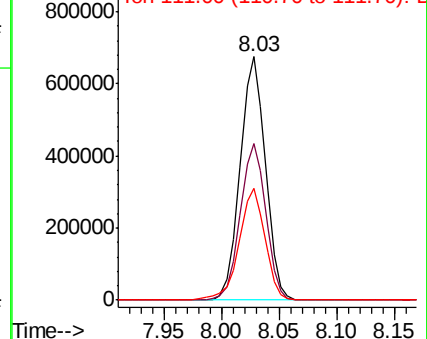
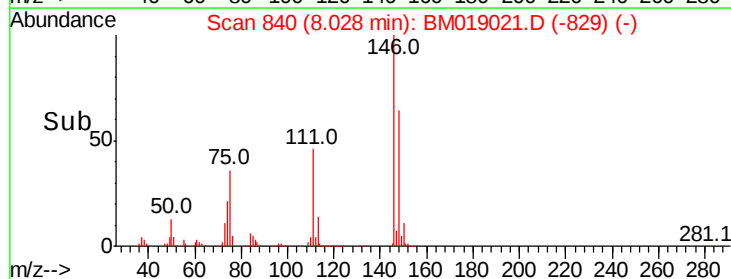
111 45.8 35.9 53.9

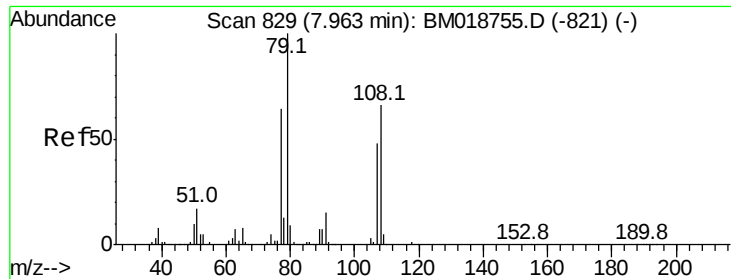


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.362 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

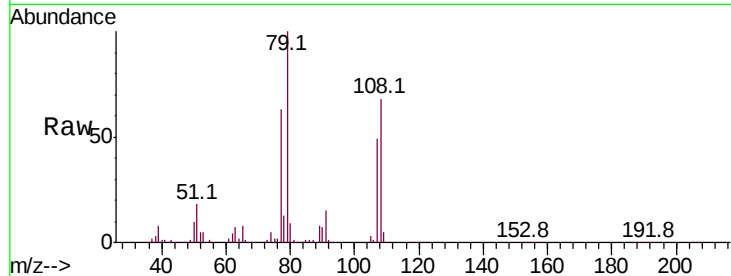
Tot Ion: 79 Resp: 1005133

Ion Ratio Lower Upper

79 100

108 67.8 52.7 79.1

77 63.3 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) (-)

7.93

600000

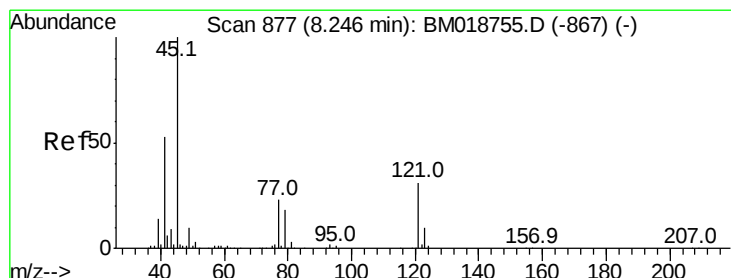
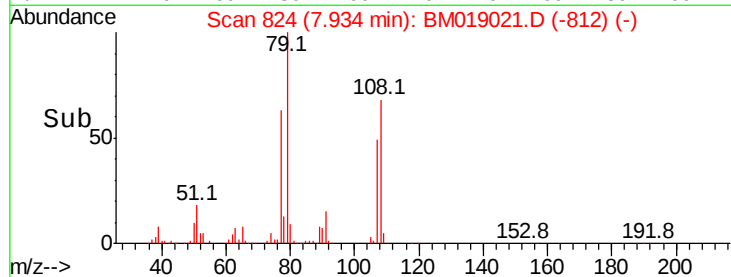
400000

200000

0

7.85 7.90 7.95 8.00

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.061 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

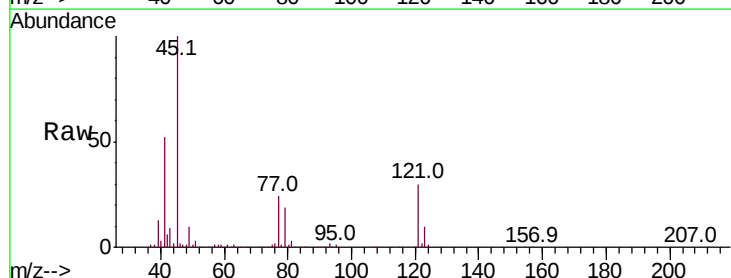
Tgt Ion: 45 Resp: 975521

Ion Ratio Lower Upper

45 100

77 23.6 5.0 45.0

79 18.5 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) (-)

8.21

500000

400000

300000

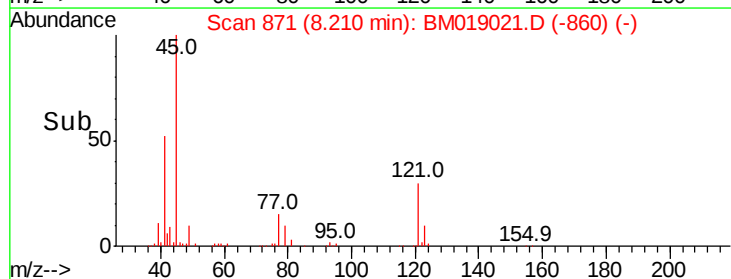
200000

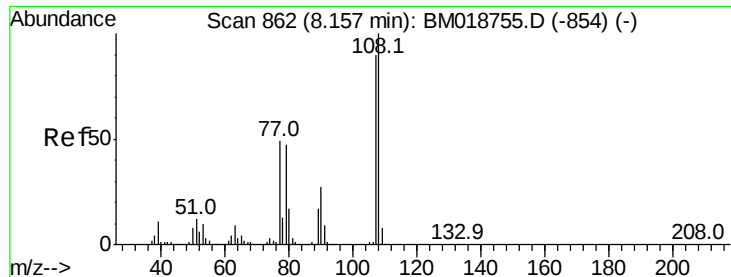
100000

0

8.15 8.20 8.25

Time-->

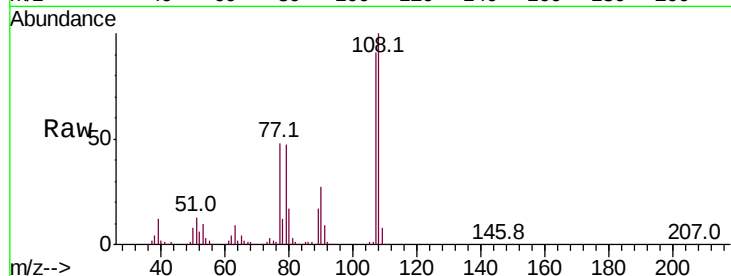




#17
2-Methylphenol
Concen: 40.511 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.04 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.3	88.8	133.2
77	52.1	44.0	66.0
79	51.2	42.4	63.6



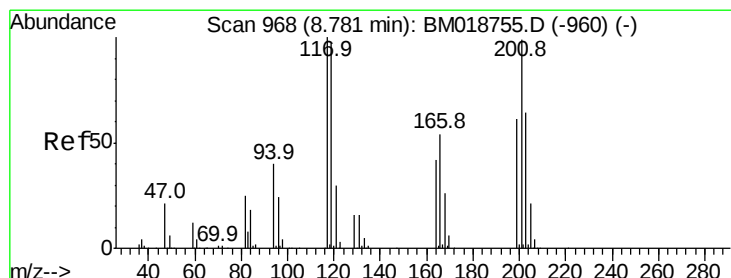
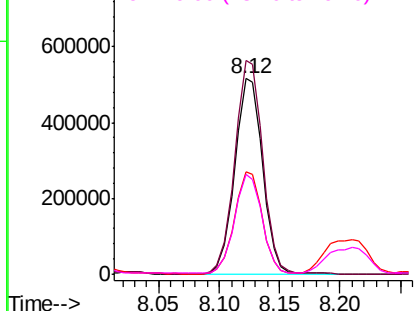
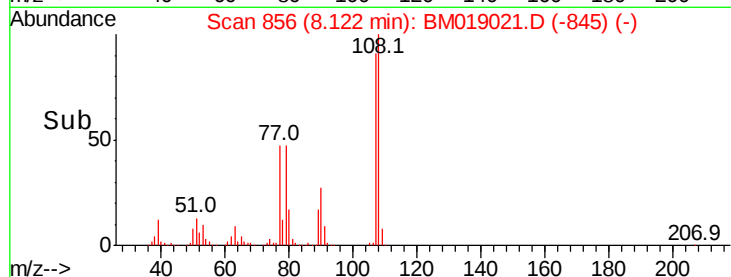
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

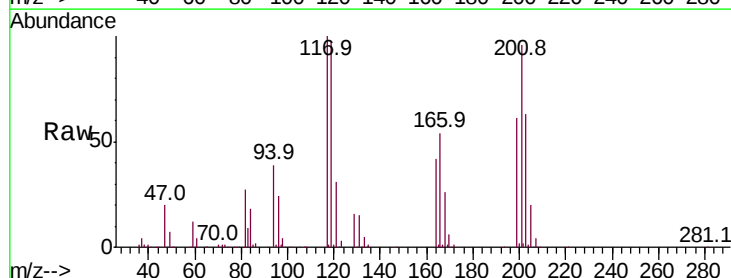
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 39.332 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.9	116.9
201	96.4	79.2	118.8

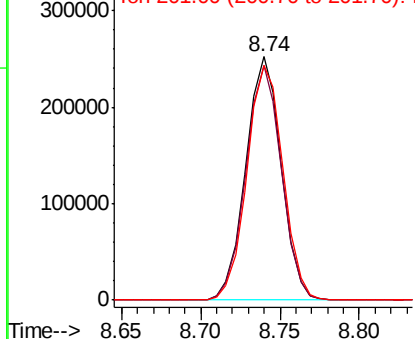
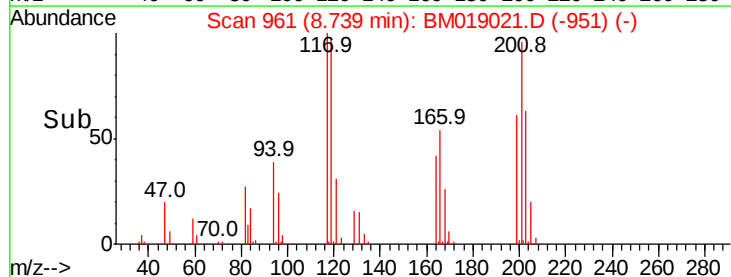


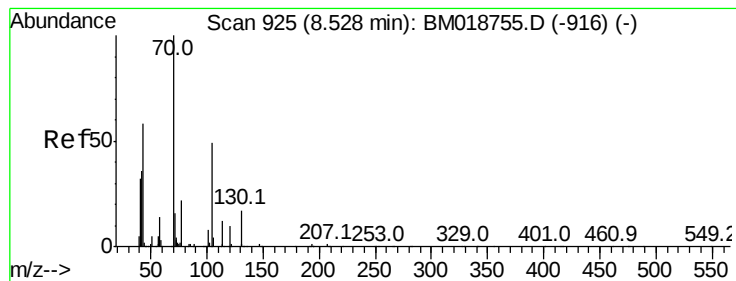
Abundance

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: 41.003 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 970929

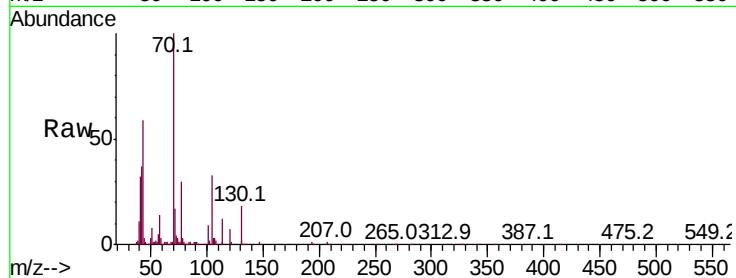
Ion Ratio Lower Upper

70 100

42 36.8 29.4 44.0

101 8.9 6.7 10.1

130 17.6 14.0 21.0

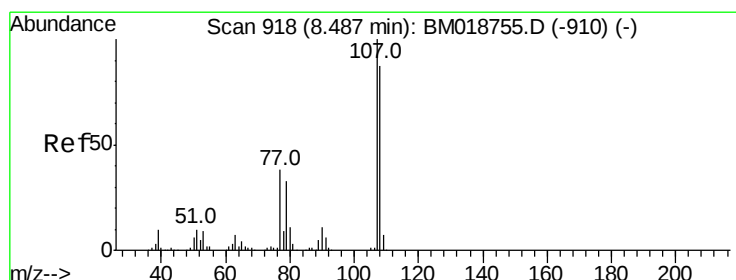
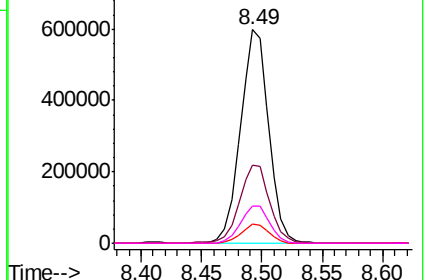
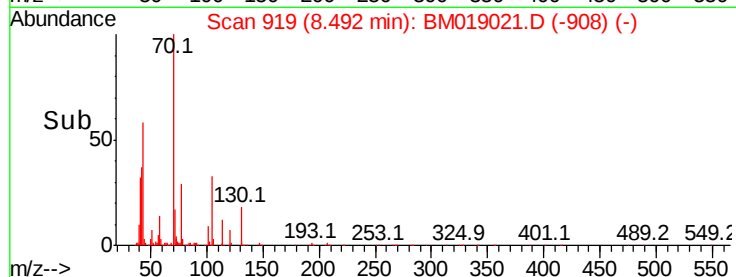


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.971 ng

RT: 8.46 min Scan# 913

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Tgt Ion:107 Resp: 1158720

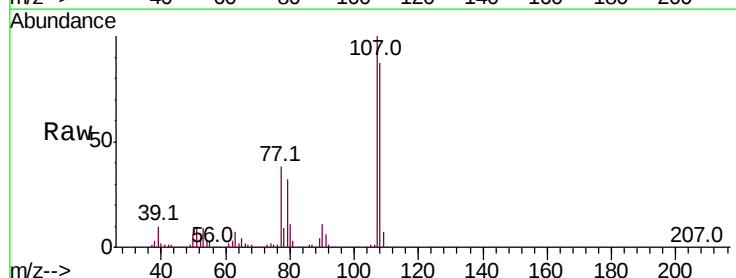
Ion Ratio Lower Upper

107 100

108 87.4 67.3 107.3

77 37.7 18.0 58.0

79 31.9 12.8 52.8

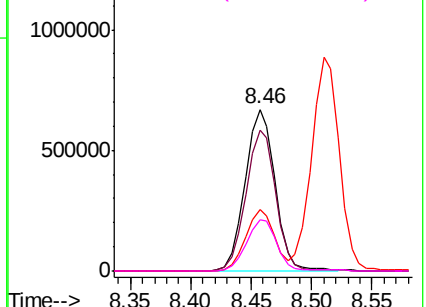
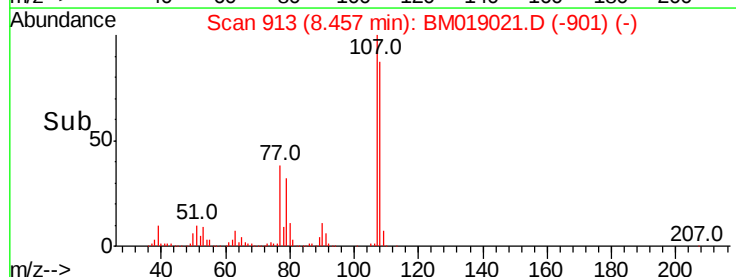


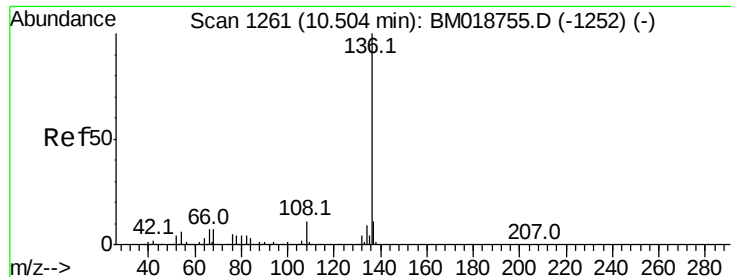
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1255

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1543291

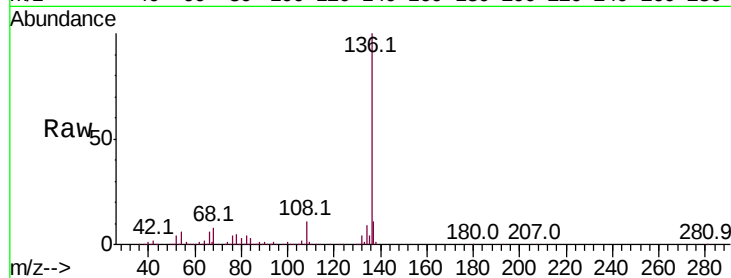
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.5 5.0 7.6

68 7.8 5.5 8.3

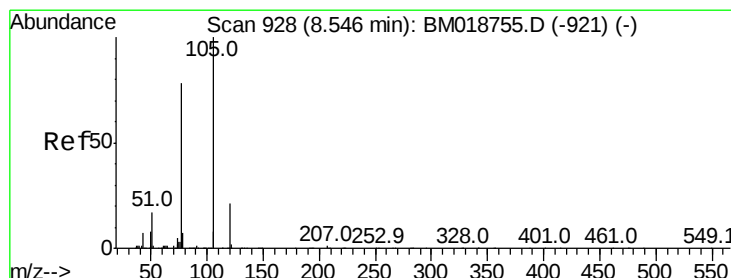
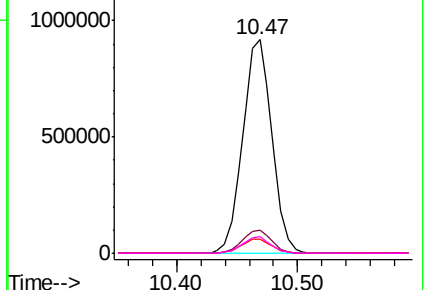
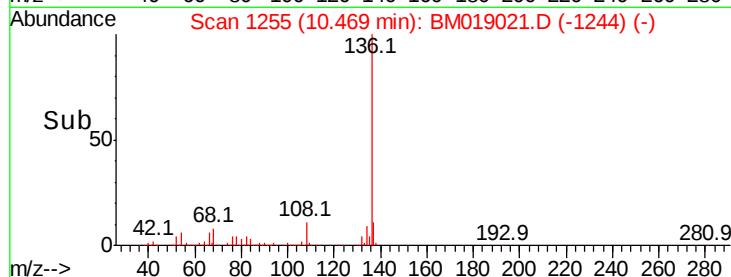


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.269 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Tgt Ion:105 Resp: 1621917

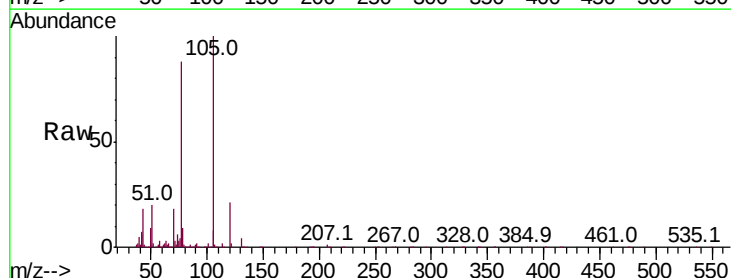
Ion Ratio Lower Upper

105 100

71 2.9 1.1 1.7#

51 20.3 15.5 23.3

120 21.2 17.0 25.4

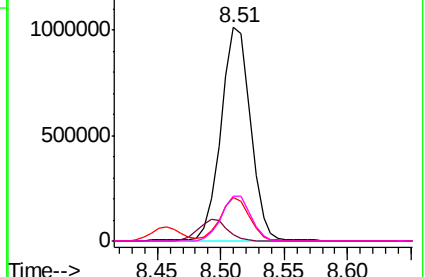
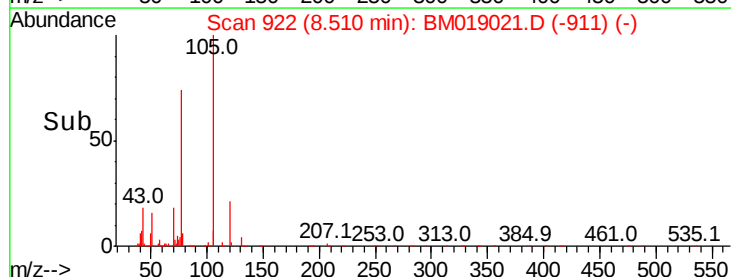


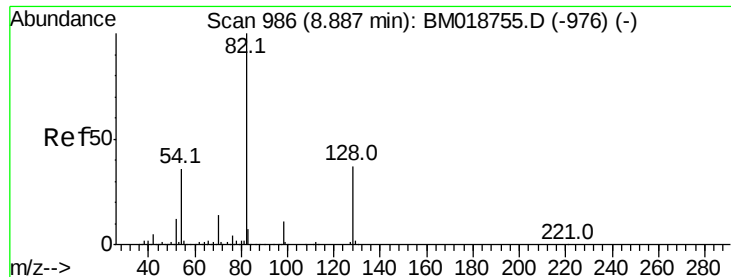
Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.005 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

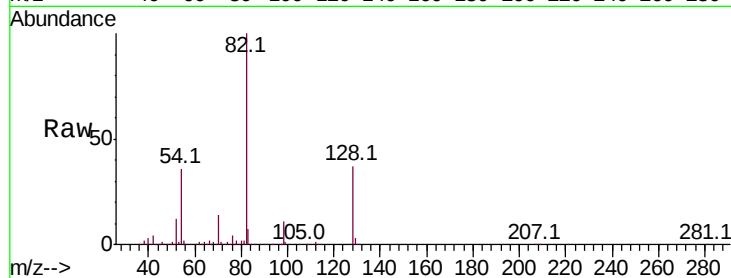
Tot Ion: 82 Resp: 2603551

Ion Ratio Lower Upper

82 100

128 37.3 29.9 44.9

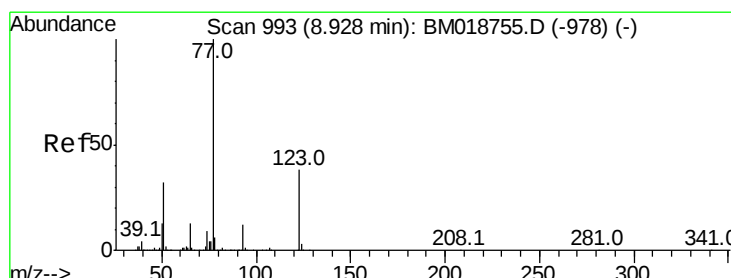
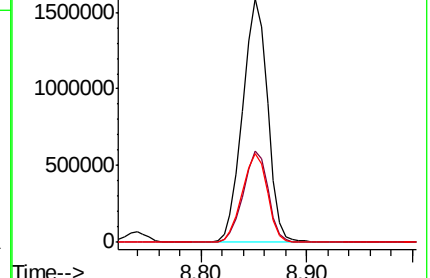
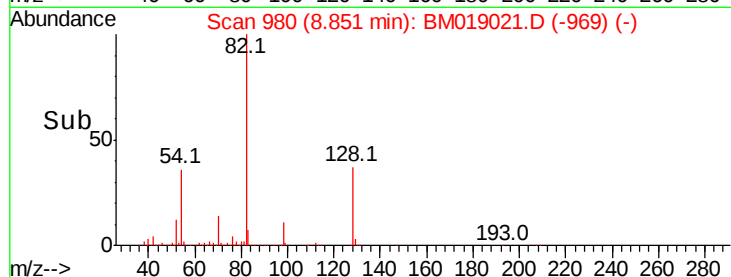
54 36.4 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#24

Nitrobenzene

Concen: 37.727 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

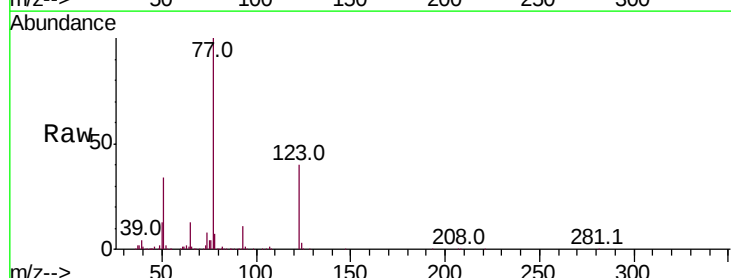
Tgt Ion: 77 Resp: 1307059

Ion Ratio Lower Upper

77 100

123 39.7 30.7 46.1

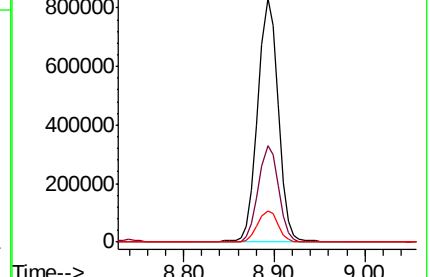
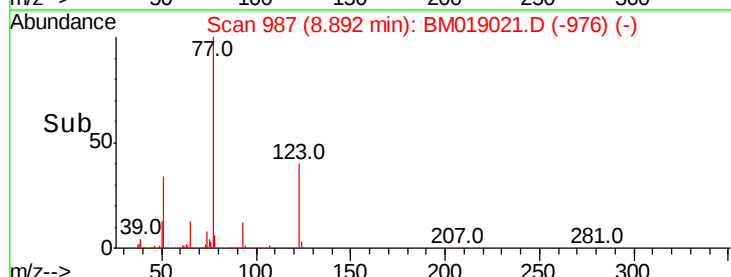
65 13.0 10.5 15.7

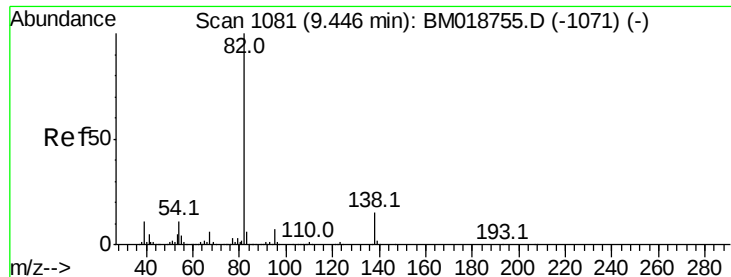


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)





#25

Isophorone

Concen: 39.368 ng

RT: 9.41 min Scan# 1075

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

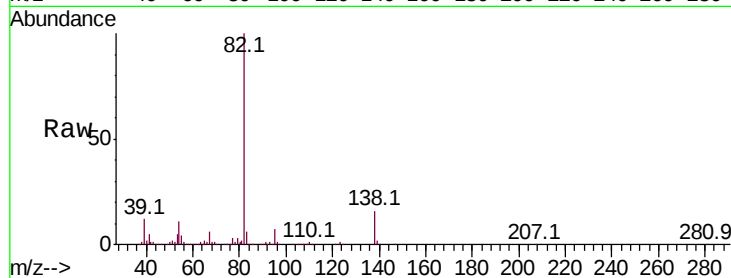
Tot Ion: 82 Resp: 2096551

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

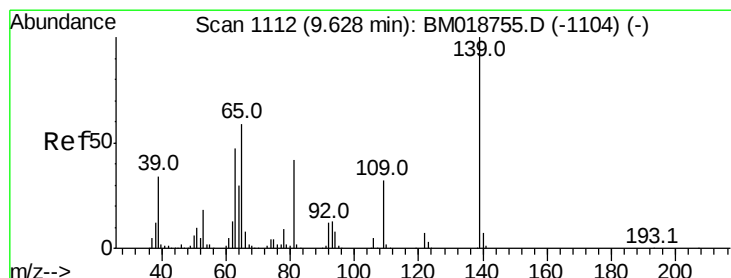
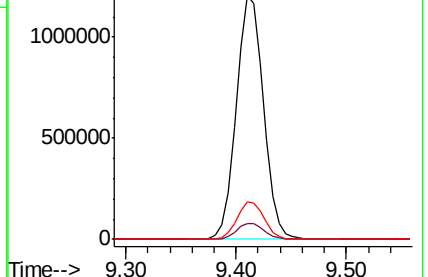
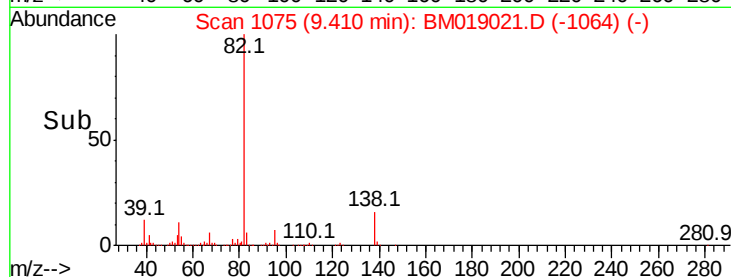
138 15.6 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)



#26

2-Nitrophenol

Concen: 41.932 ng

RT: 9.59 min Scan# 1106

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

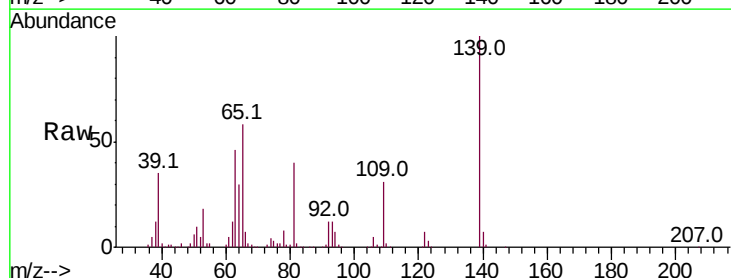
Tgt Ion: 139 Resp: 578538

Ion Ratio Lower Upper

139 100

109 30.6 25.2 37.8

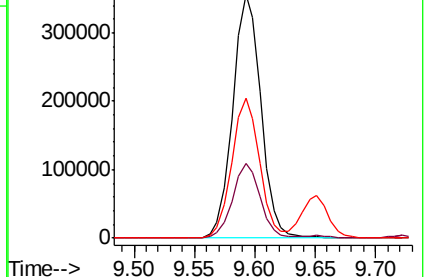
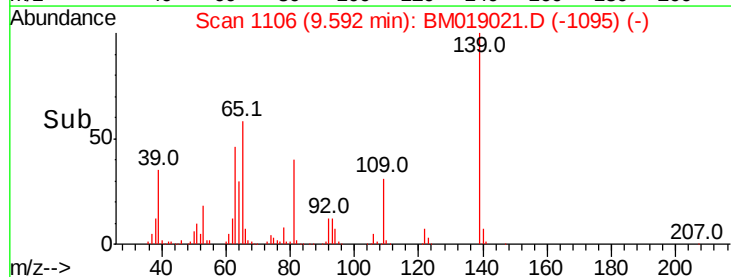
65 57.5 47.0 70.4

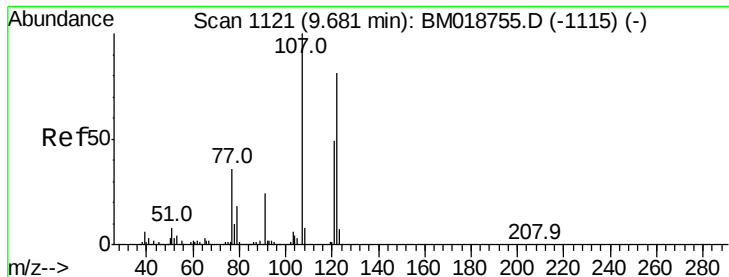


Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM018755.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-1104) (-)





#27

2,4-Dimethylphenol

Concen: 39.663 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

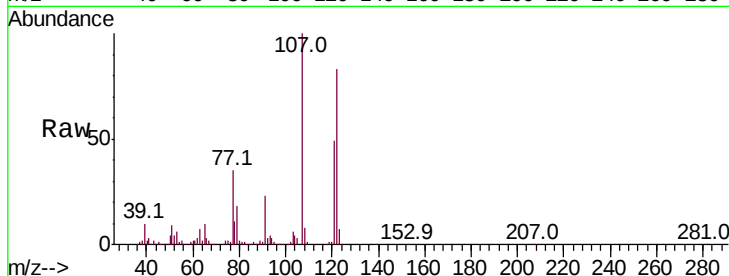
Tot Ion:122 Resp: 799255

Ion Ratio Lower Upper

122 100

107 120.9 97.6 146.4

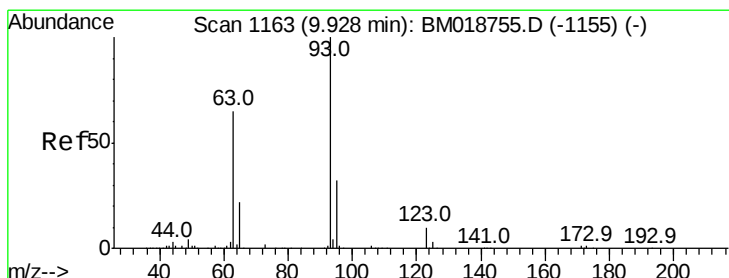
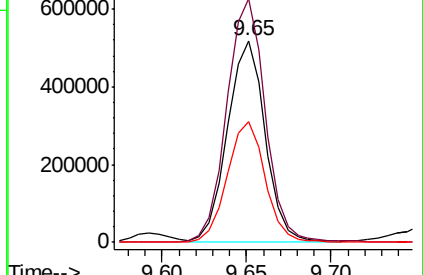
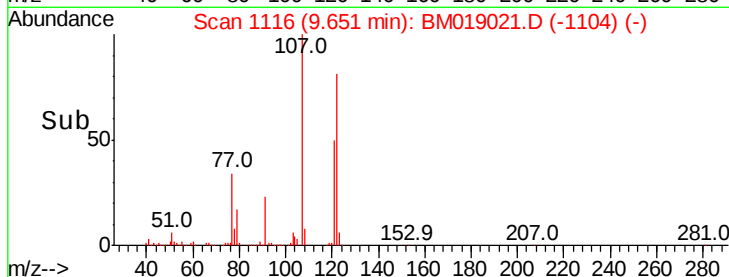
121 59.8 47.9 71.9



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: 38.804 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

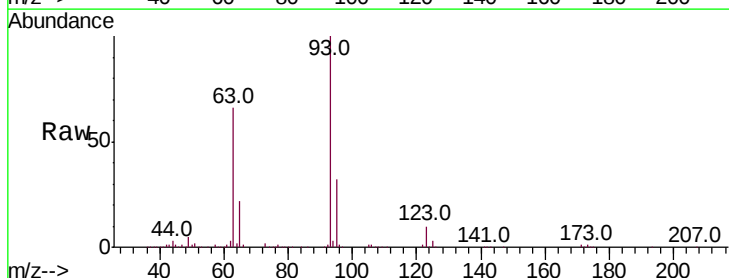
Tgt Ion: 93 Resp: 1336356

Ion Ratio Lower Upper

93 100

95 31.9 25.6 38.4

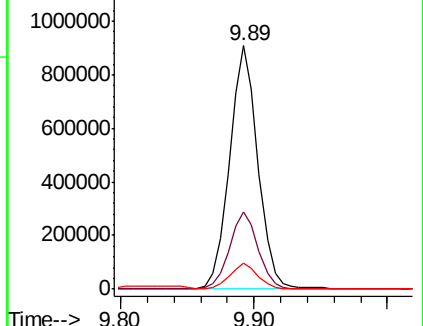
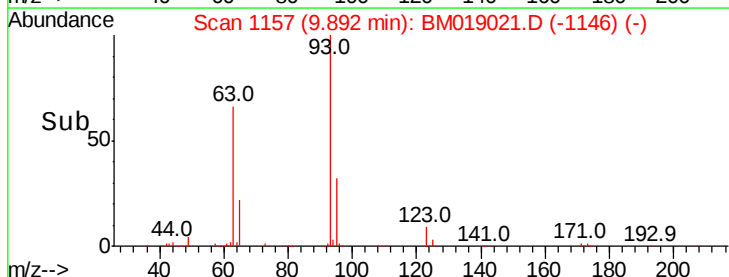
123 10.5 8.2 12.4

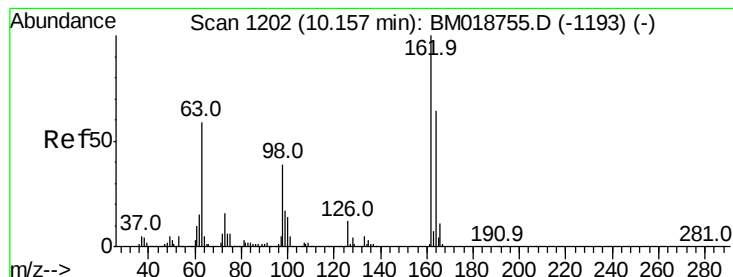


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.314 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampled :

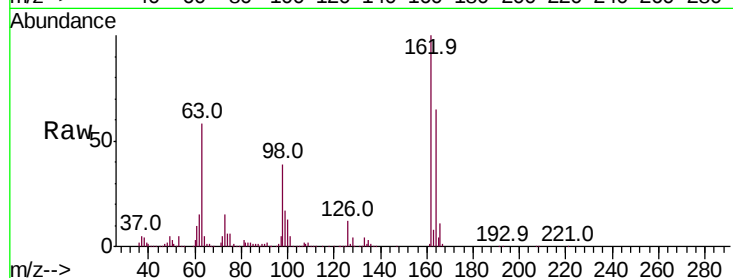
Tot Ion:162 Resp: 932812

Ion Ratio Lower Upper

162 100

164 65.3 44.1 84.1

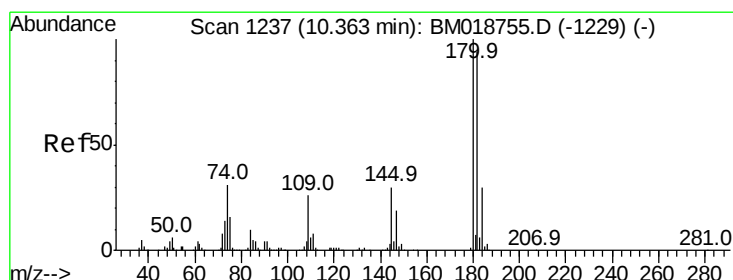
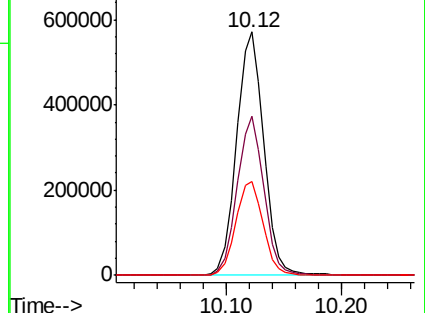
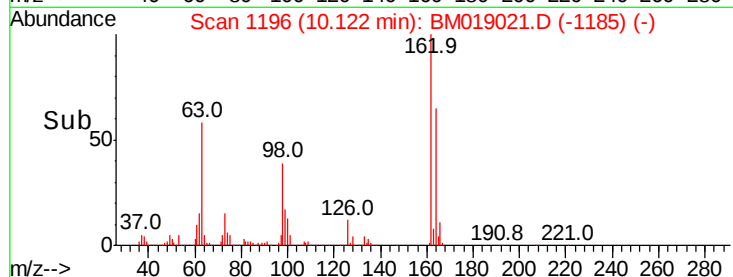
98 38.7 19.4 59.4



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: 38.657 ng

RT: 10.33 min Scan# 1231

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

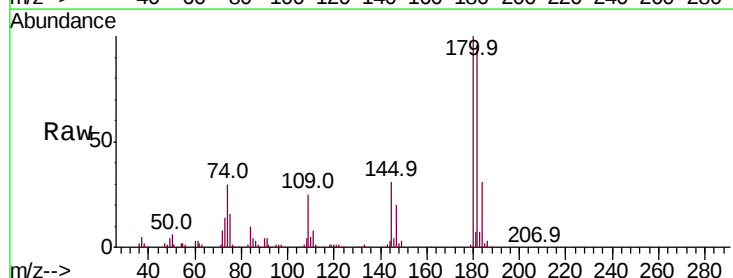
Tgt Ion:180 Resp: 1032966

Ion Ratio Lower Upper

180 100

182 96.2 75.0 112.6

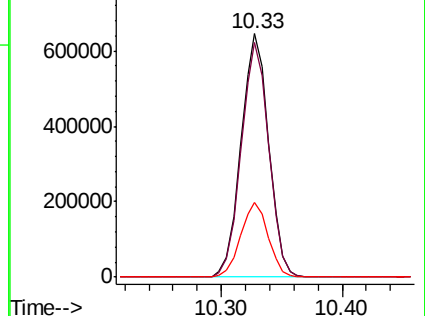
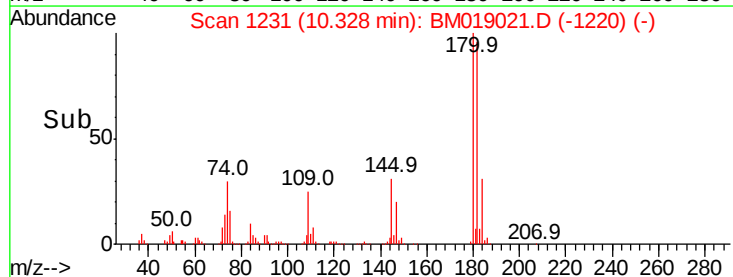
145 30.7 24.1 36.1

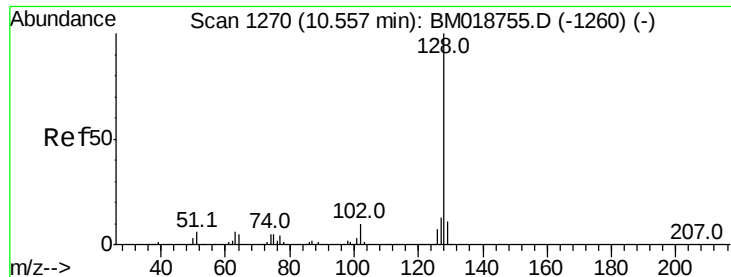


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

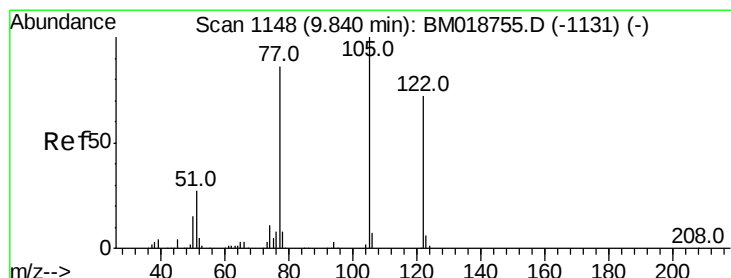
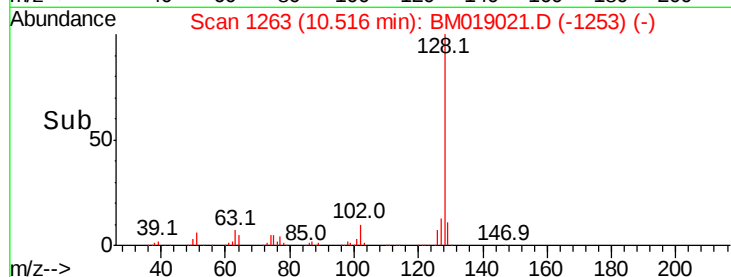
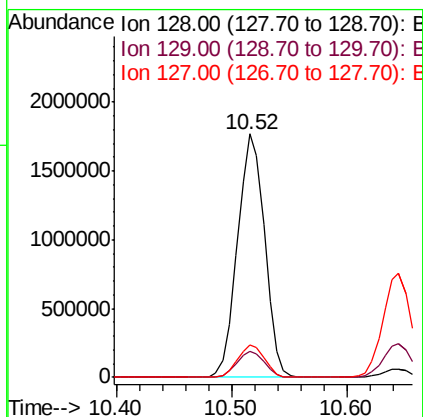
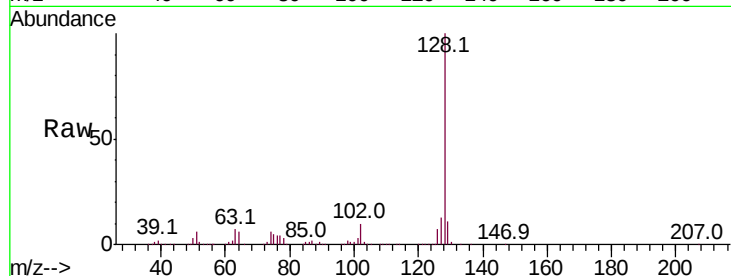




#31
Naphthalene
Concen: 38.303 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.04 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

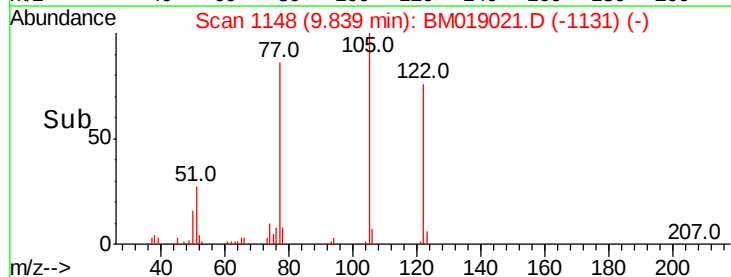
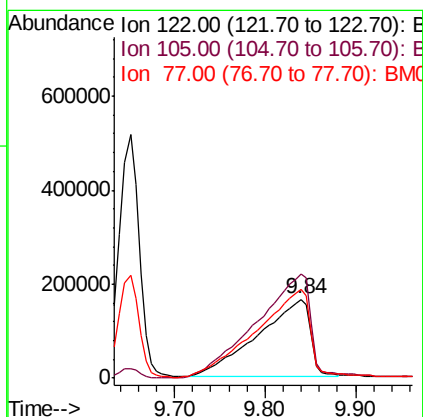
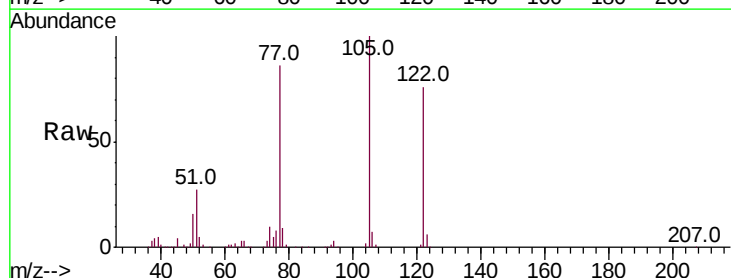
Instrument :
BNA_M
ClientSampleId :

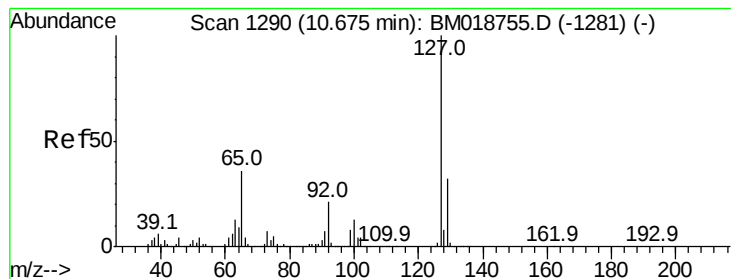
Tot Ion:128 Resp: 2883000
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 37.162 ng
RT: 9.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

Tgt Ion:122 Resp: 653232
Ion Ratio Lower Upper
122 100
105 131.6 117.5 157.5
77 112.5 98.5 138.5





#33

4-Chloroaniline

Concen: 38.819 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampled :

Tot Ion:127 Resp: 1306093

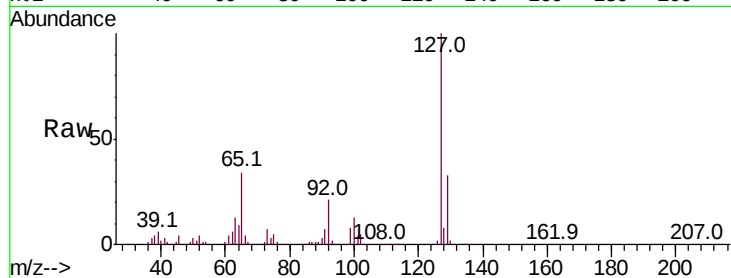
Ion Ratio Lower Upper

127 100

129 32.5 25.7 38.5

65 34.2 28.7 43.1

92 20.9 17.0 25.4



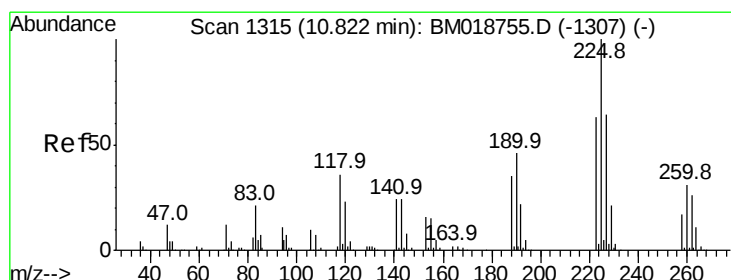
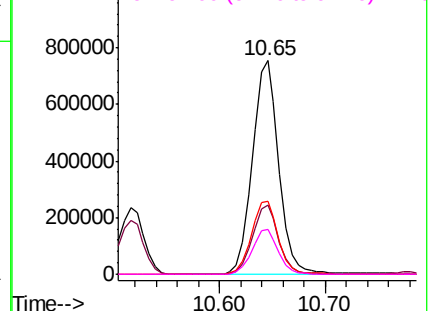
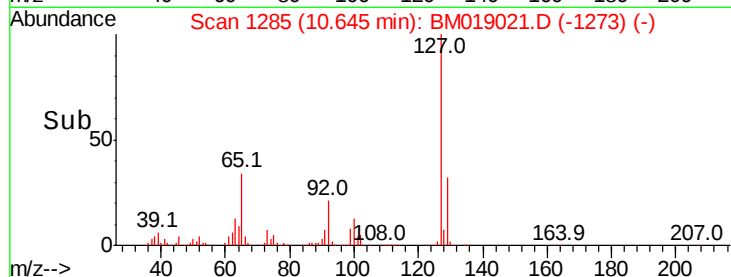
Abundance

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: 38.001 ng

RT: 10.78 min Scan# 1308

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

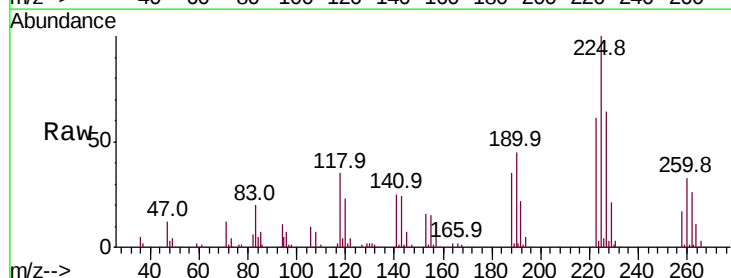
Tgt Ion:225 Resp: 589407

Ion Ratio Lower Upper

225 100

223 61.3 50.1 75.1

227 64.1 51.4 77.0

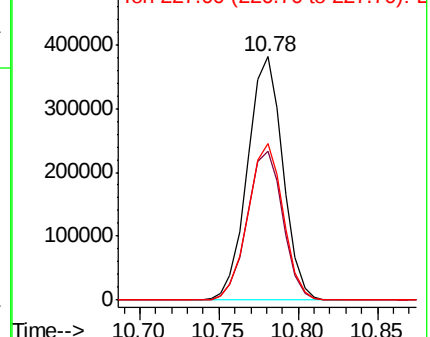
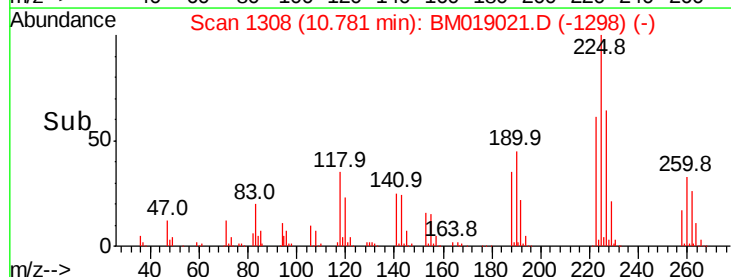


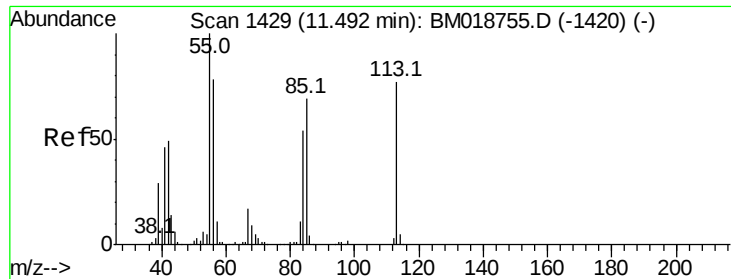
Abundance

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: 34.872 ng

RT: 11.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

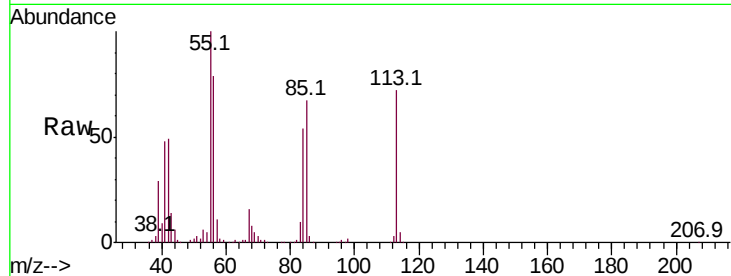
Tot Ion:113 Resp: 329305

Ion Ratio Lower Upper

113 100

55 138.0 110.7 150.7

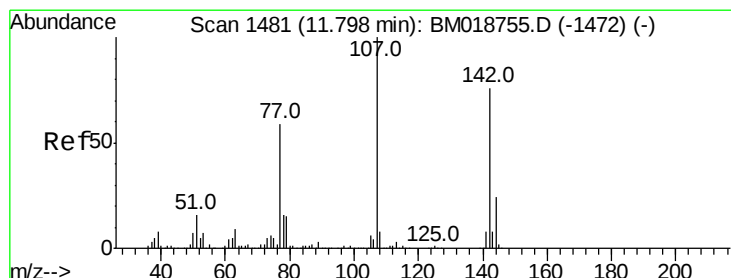
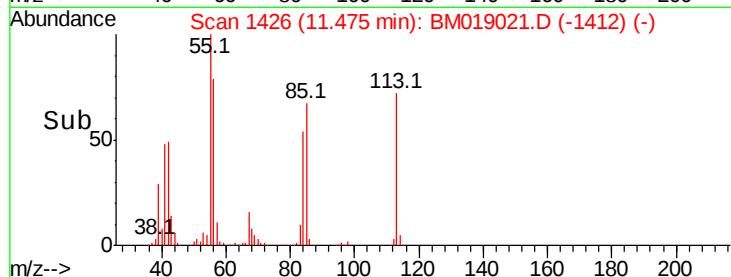
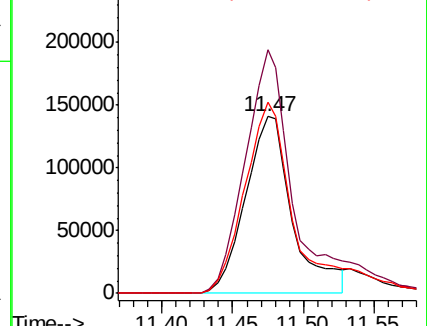
56 108.4 82.4 122.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.358 ng

RT: 11.77 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

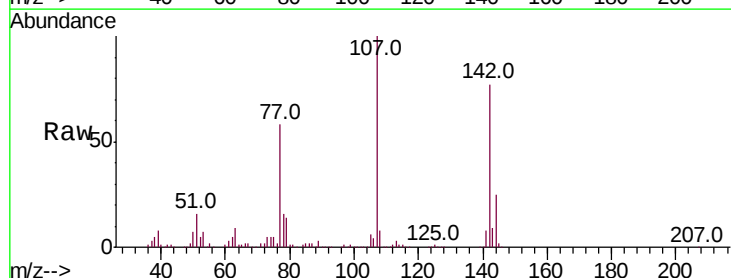
Tgt Ion:107 Resp: 1097986

Ion Ratio Lower Upper

107 100

144 24.6 19.3 28.9

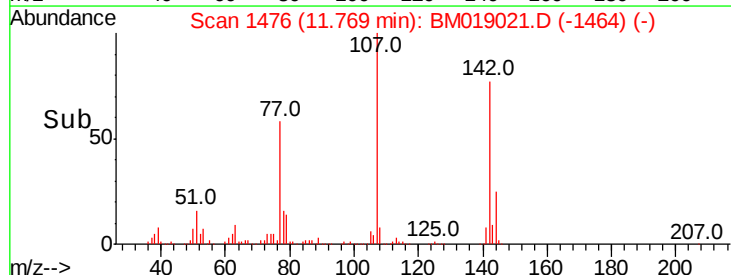
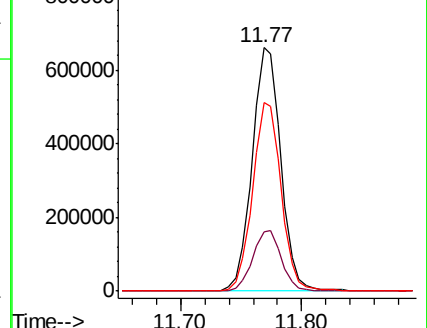
142 77.2 60.5 90.7

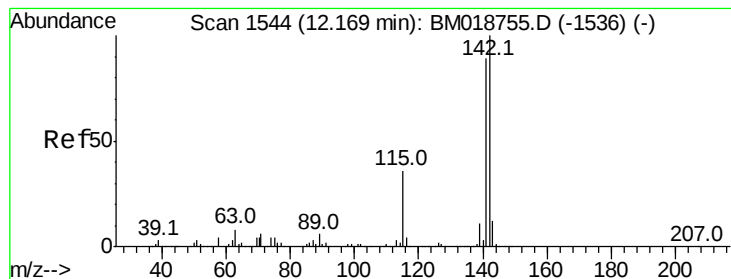


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.019 ng

RT: 12.13 min Scan# 1538

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

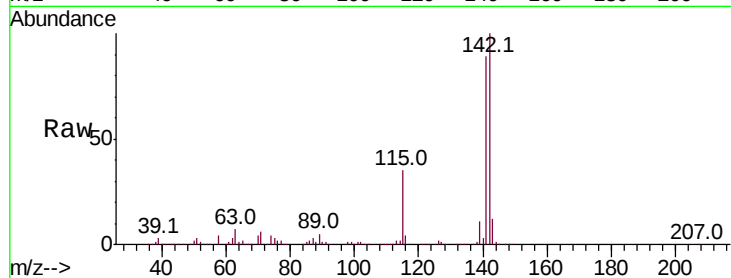
Tot Ion:142 Resp: 2067728

Ion Ratio Lower Upper

142 100

141 89.0 71.2 106.8

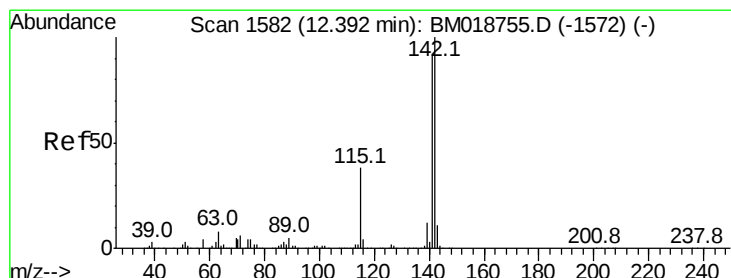
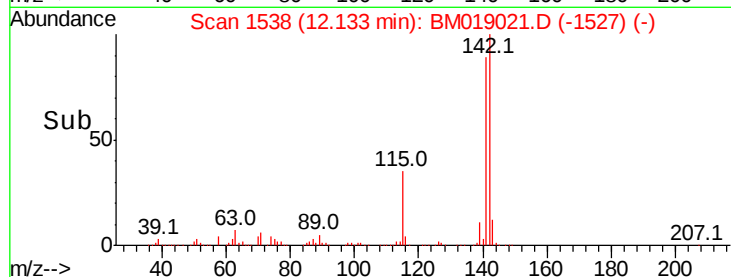
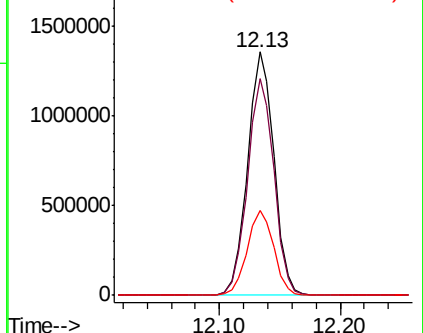
115 35.0 29.1 43.7



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: 38.539 ng

RT: 12.36 min Scan# 1576

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

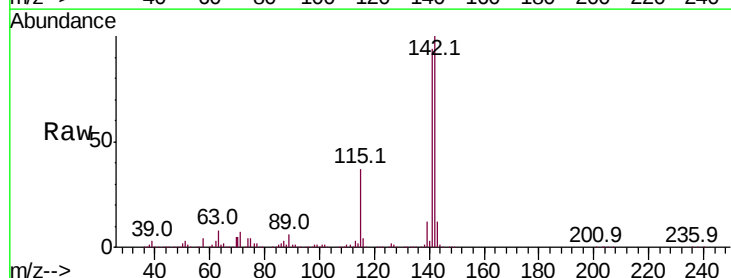
Tgt Ion:142 Resp: 1997115

Ion Ratio Lower Upper

142 100

141 93.5 73.9 110.9

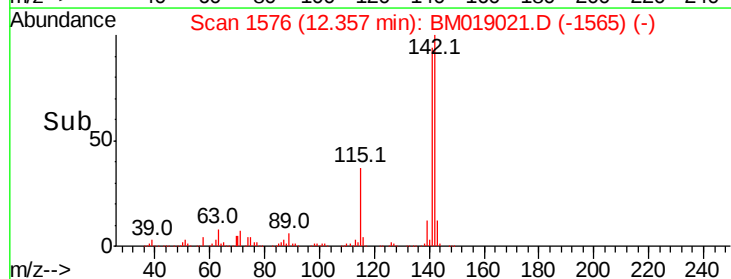
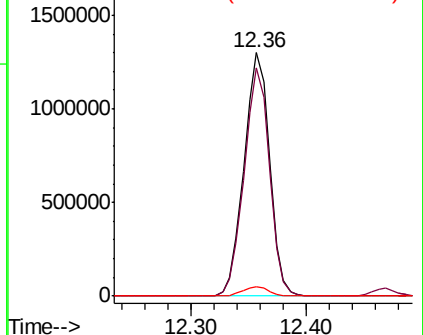
116 3.9 3.0 4.4

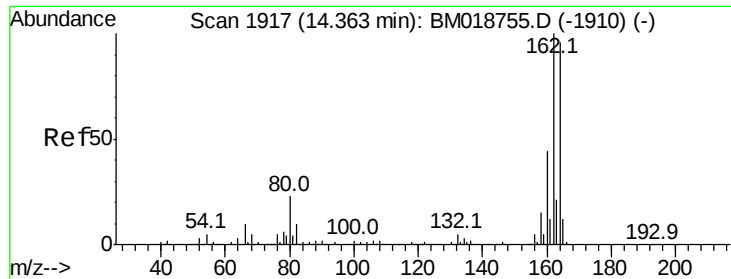


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

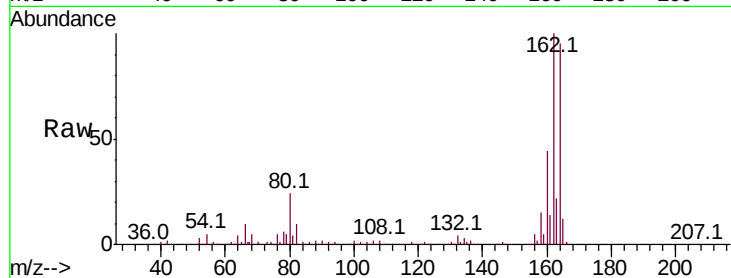
Tot Ion:164 Resp: 907588

Ion Ratio Lower Upper

164 100

162 105.5 83.4 125.0

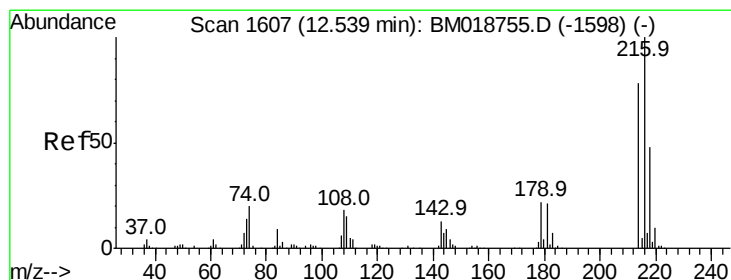
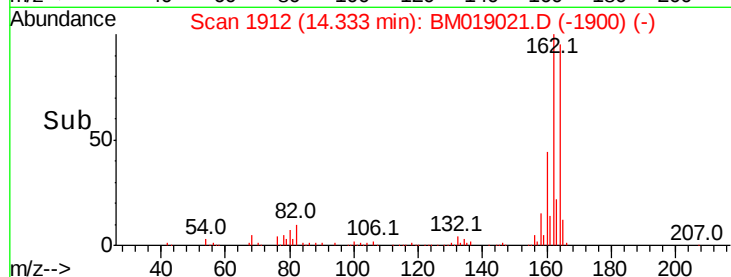
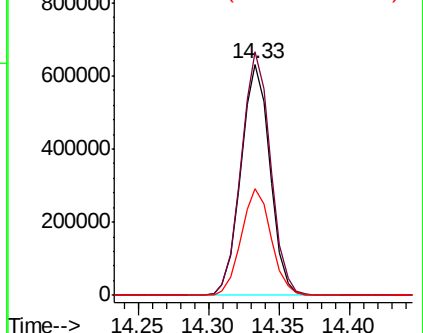
160 46.2 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.400 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Tgt Ion:216 Resp: 1114850

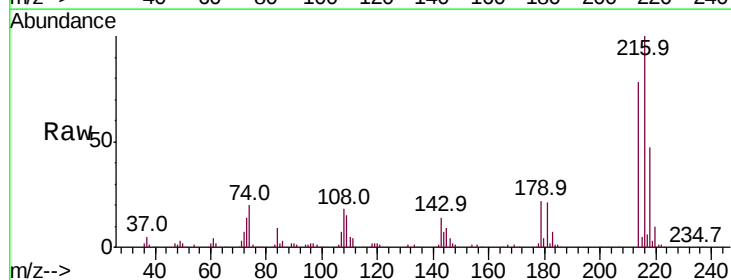
Ion Ratio Lower Upper

216 100

214 78.7 63.2 94.8

179 22.3 17.8 26.8

108 19.8 16.4 24.6

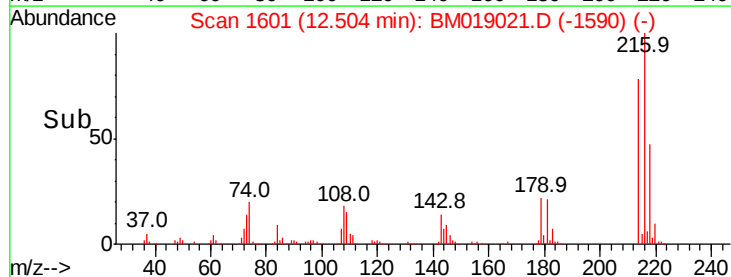
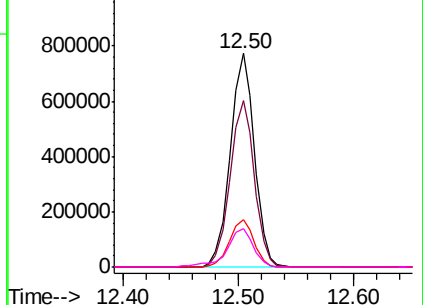


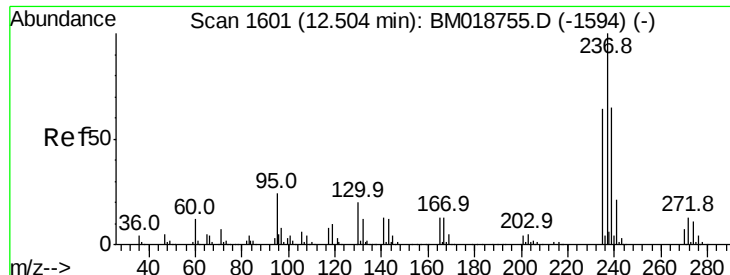
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 32.475 ng

RT: 12.47 min Scan# 1595

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

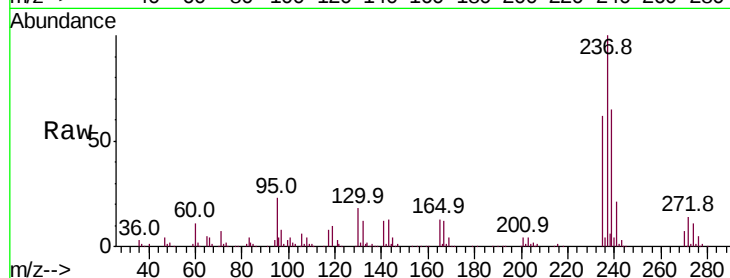
Tot Ion:237 Resp: 482047

Ion Ratio Lower Upper

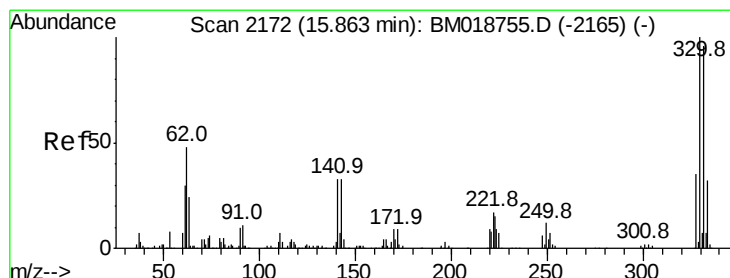
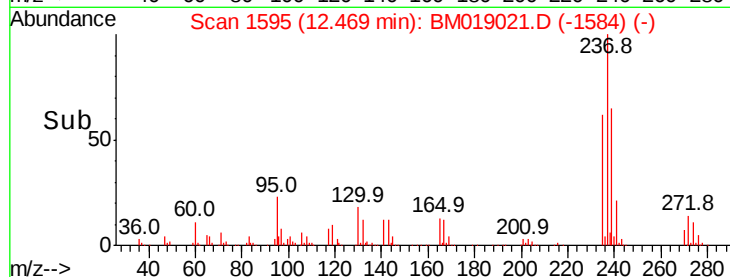
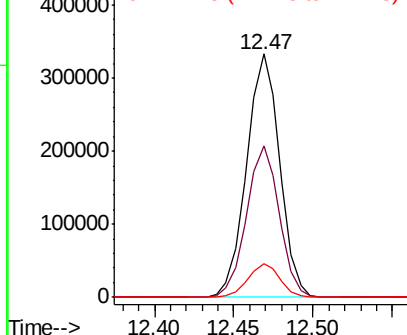
237 100

235 62.4 43.7 83.7

272 13.8 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: 80.098 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

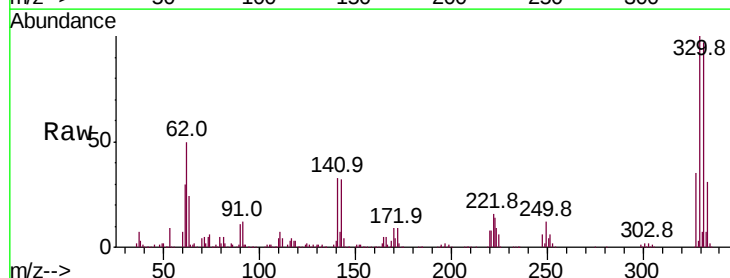
Tgt Ion:330 Resp: 1047891

Ion Ratio Lower Upper

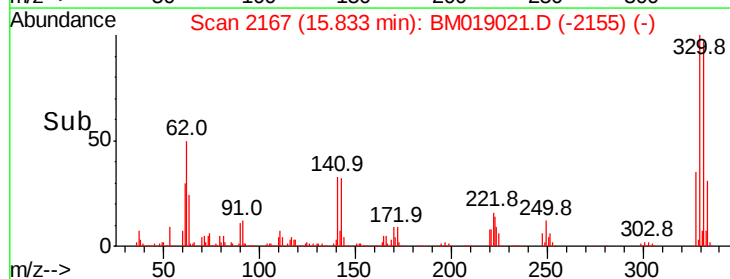
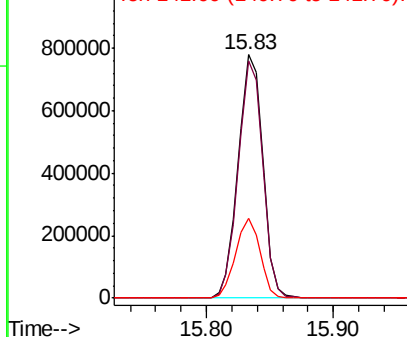
330 100

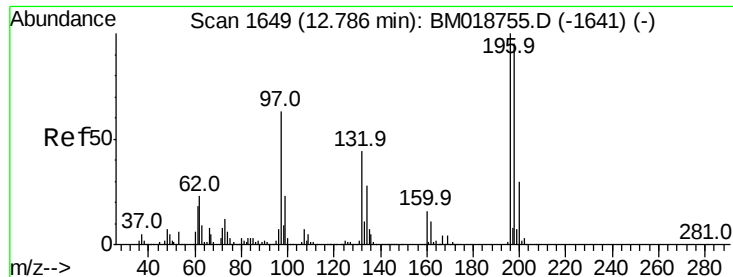
332 96.9 76.9 115.3

141 32.9 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

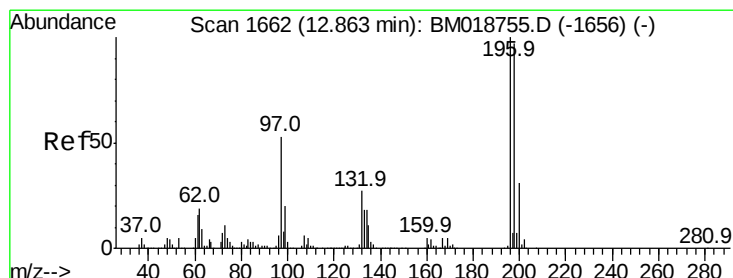
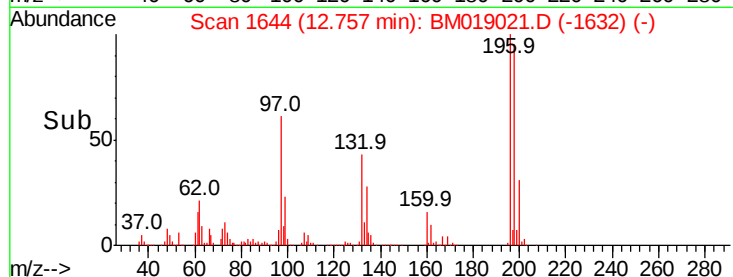
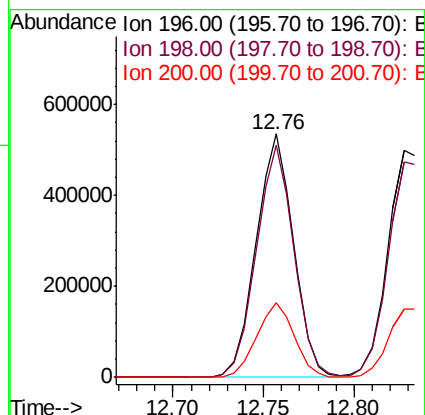
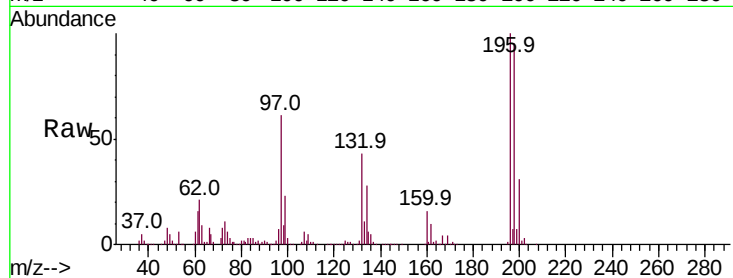




#43
 2,4,6-Trichlorophenol
 Concen: 39.905 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BM019021.D
 Acq: 04 Mar 2019 22:05

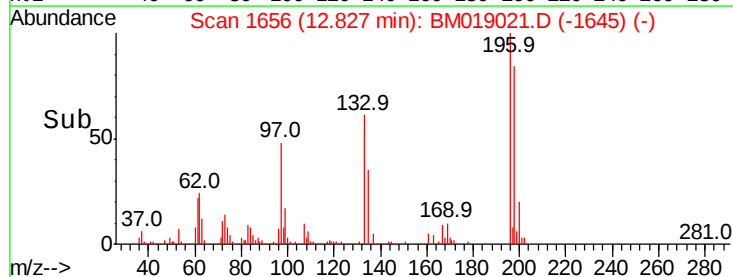
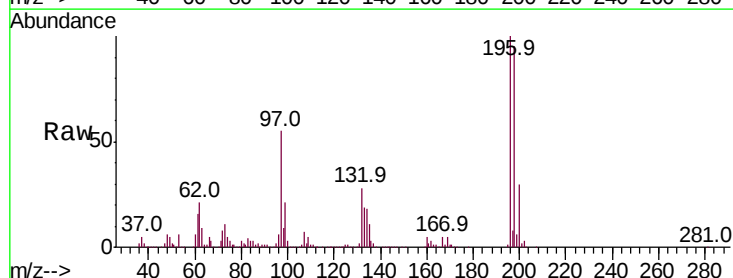
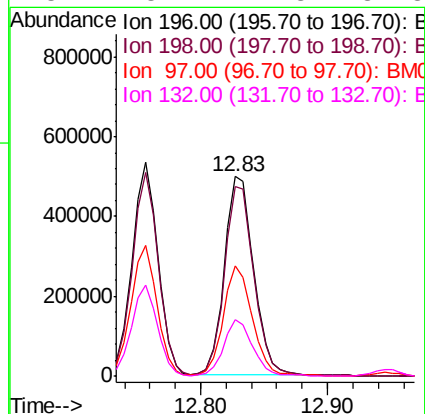
Instrument :
 BNA_M
 ClientSampleId :

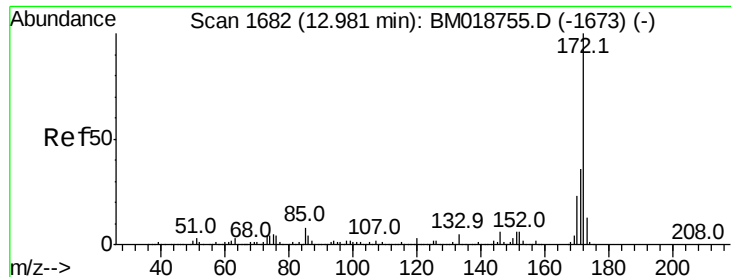
Tot Ion:196 Resp: 766974
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.2 114.2
 200 30.8 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.626 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.04 min
 Lab File: BM019021.D
 Acq: 04 Mar 2019 22:05

Tgt Ion:196 Resp: 798260
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.6 116.4
 97 55.5 42.8 64.2
 132 28.1 21.8 32.8



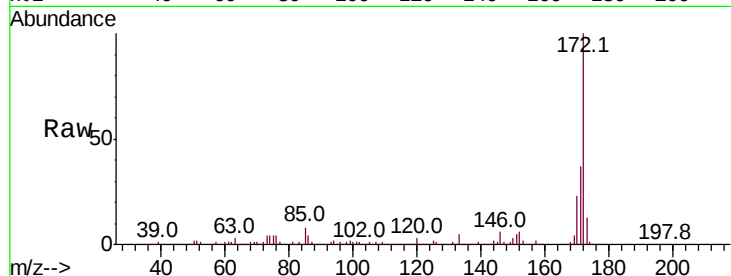


#45
 2-Fluorobiphenyl
 Concen: 77.909 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.03 min
 Lab File: BM019021.D
 Acq: 04 Mar 2019 22:05

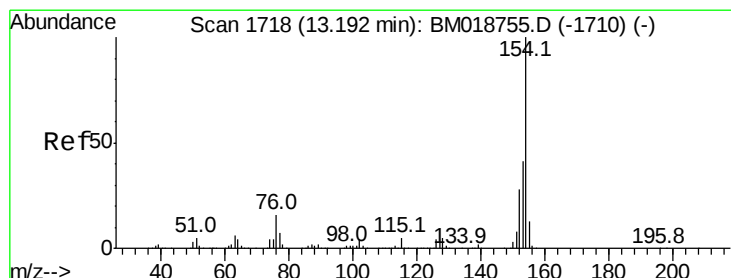
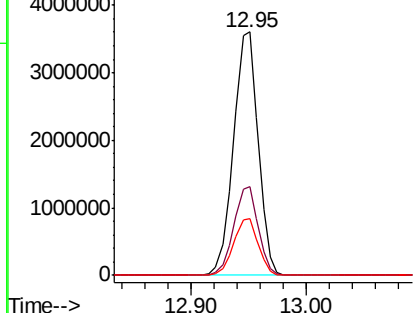
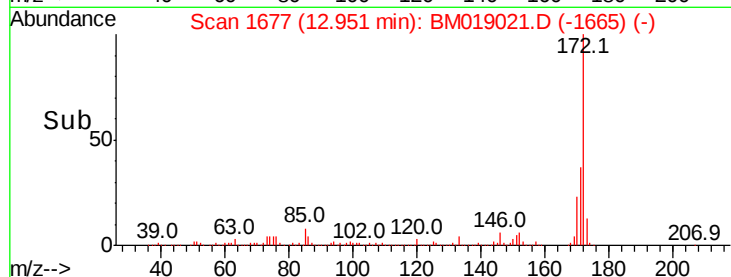
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 5326565

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	23.5	18.6	28.0



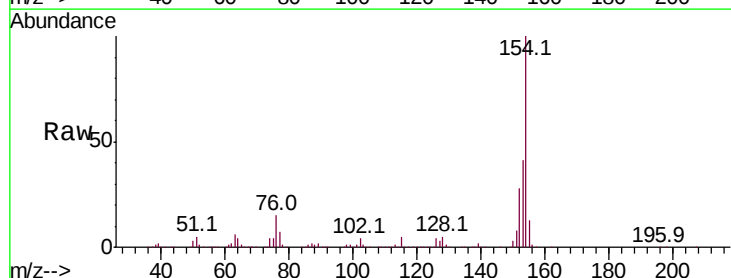
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



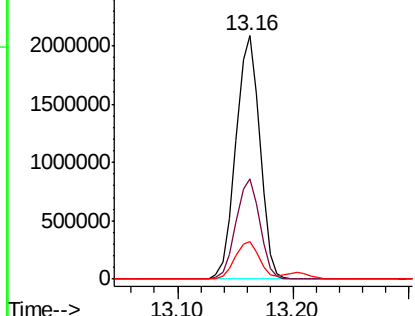
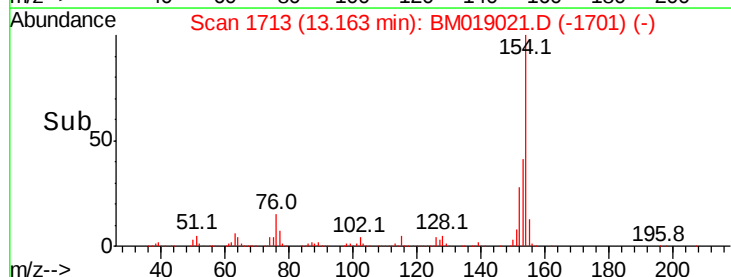
#46
 1,1'-Biphenyl
 Concen: 38.401 ng
 RT: 13.16 min Scan# 1713
 Delta R.T. -0.03 min
 Lab File: BM019021.D
 Acq: 04 Mar 2019 22:05

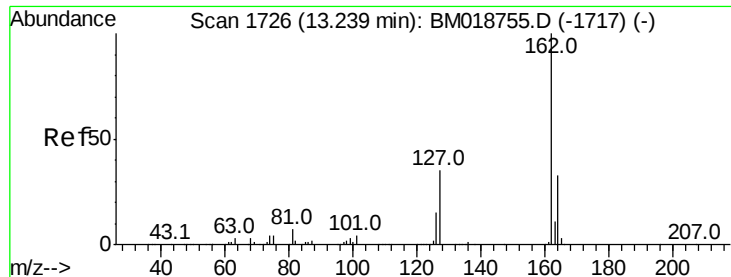
Tgt Ion:154 Resp: 3000048

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.1	61.1
76	15.5	0.0	35.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM





#47

2-Chloronaphthalene

Concen: 38.304 ng

RT: 13.20 min Scan# 1720

Delta R.T. -0.04 min

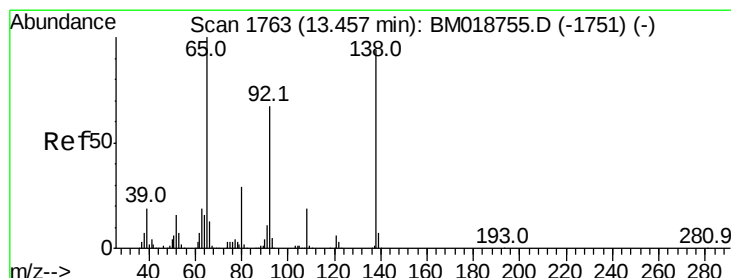
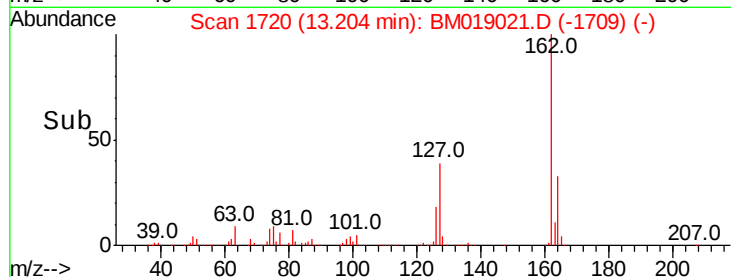
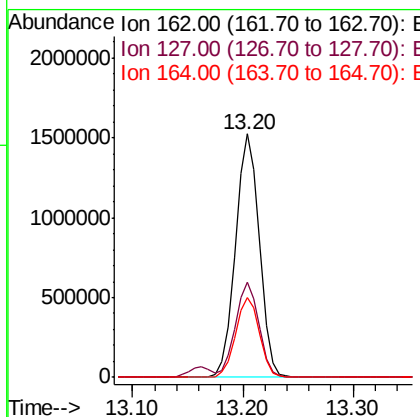
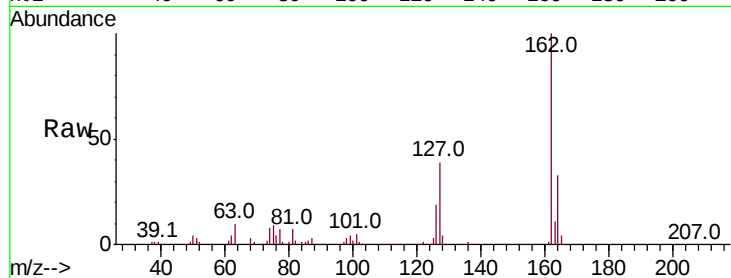
Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 2311292

Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.1	46.7
164	33.0	26.4	39.6



#48

2-Nitroaniline

Concen: 39.612 ng

RT: 13.43 min Scan# 1759

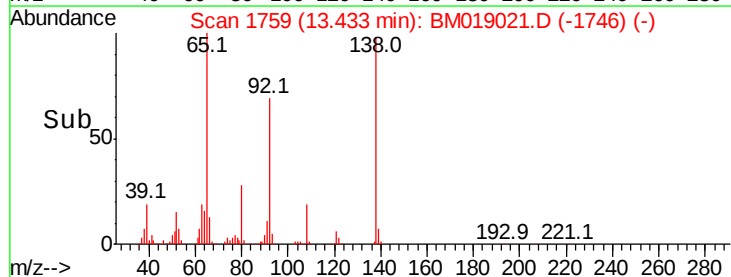
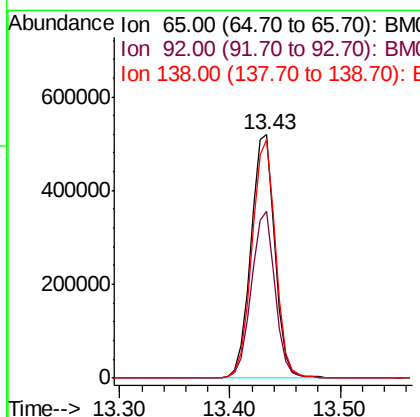
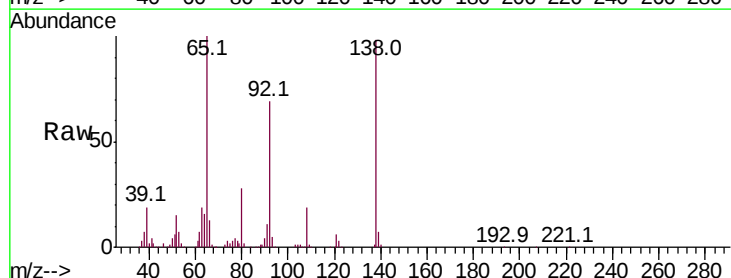
Delta R.T. -0.02 min

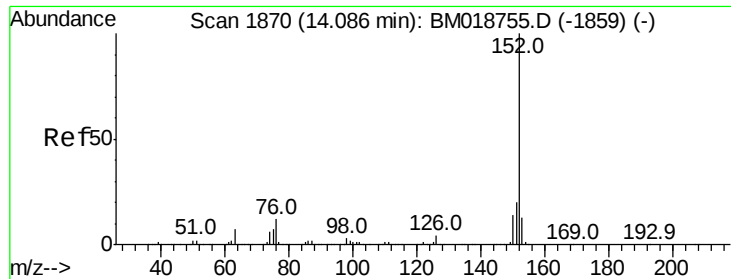
Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Tgt Ion: 65 Resp: 793852

Ion	Ratio	Lower	Upper
65	100		
92	68.7	54.0	81.0
138	98.1	74.9	112.3





#49

Acenaphthylene

Concen: 38.365 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

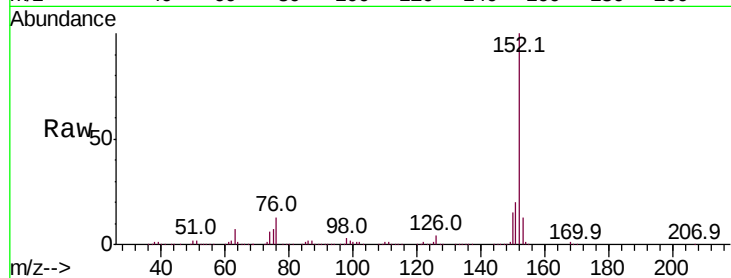
Tot Ion:152 Resp: 3447064

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

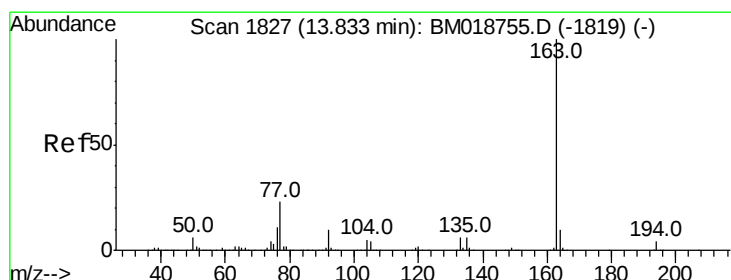
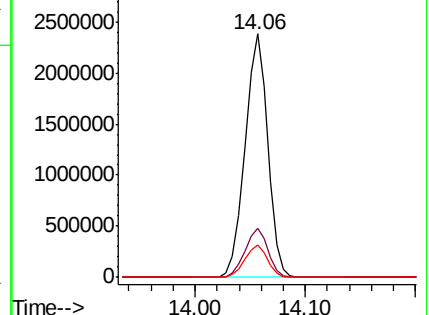
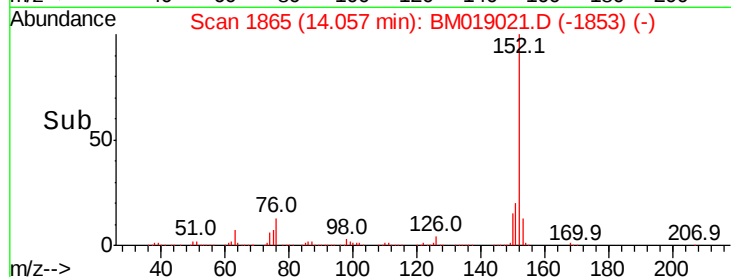
153 13.4 10.5 15.7



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: 36.988 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

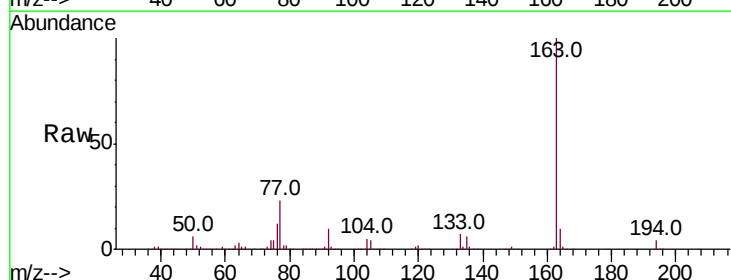
Tgt Ion:163 Resp: 2797707

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

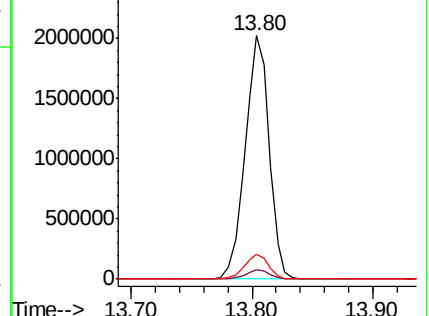
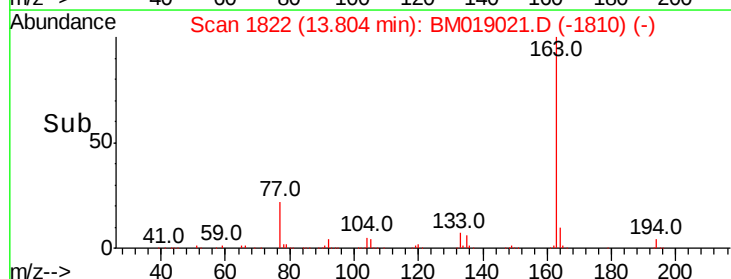
164 10.1 7.8 11.8

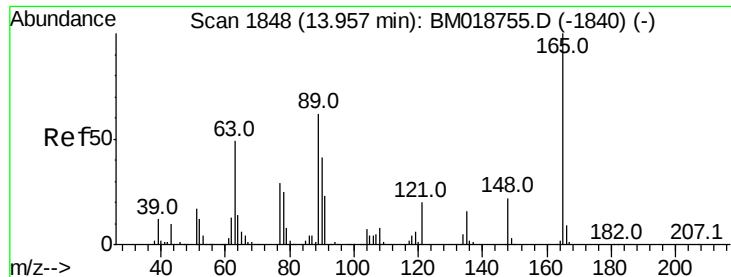


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

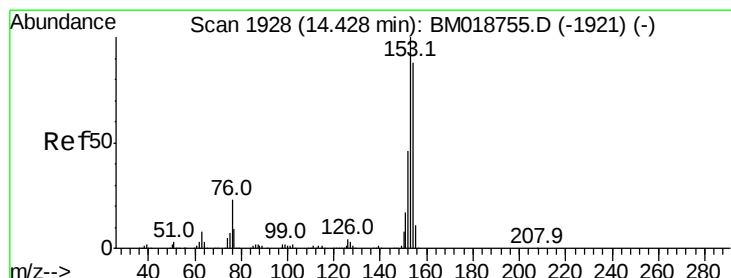
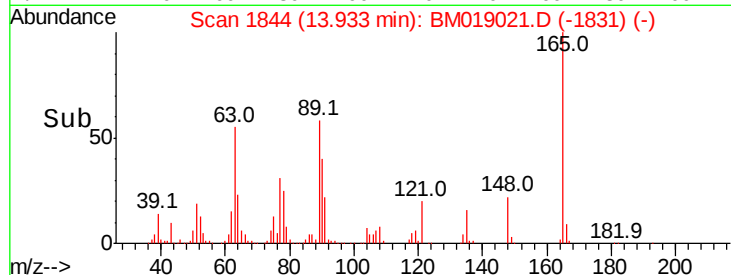
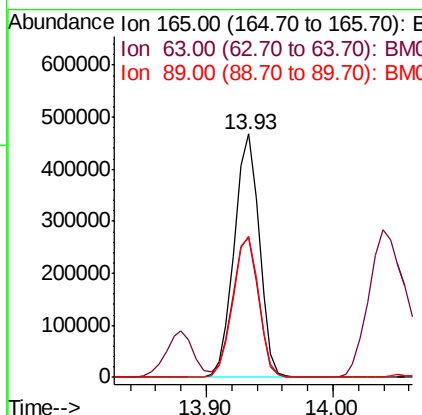
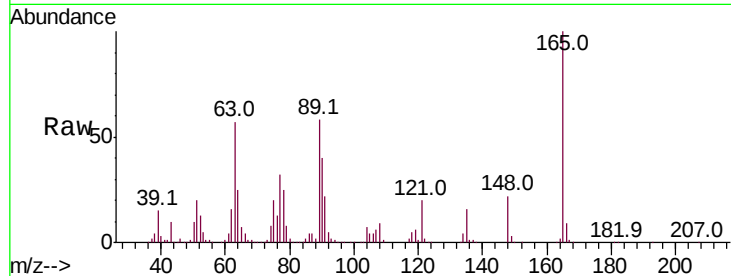




#51
2,6-Dinitrotoluene
Concen: 38.809 ng
RT: 13.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

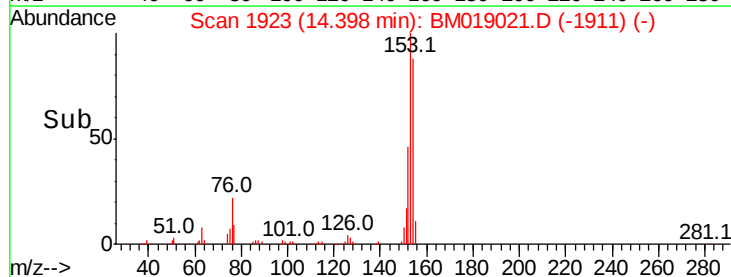
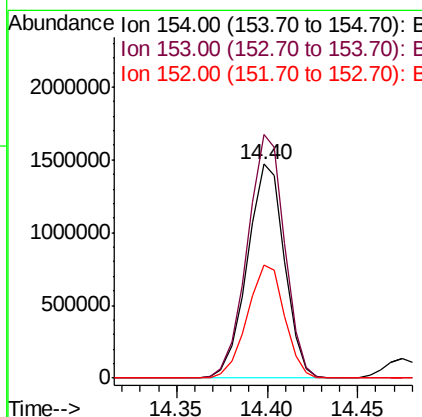
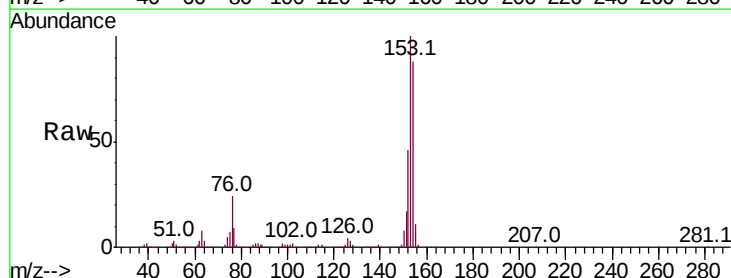
Instrument :
BNA_M
ClientSampleId :

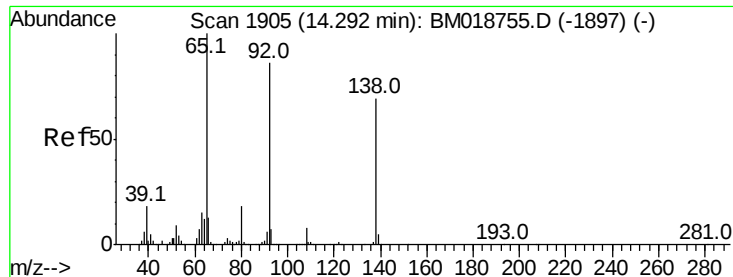
Tot Ion:165 Resp: 635880
Ion Ratio Lower Upper
165 100
63 57.3 48.9 73.3
89 58.1 49.4 74.0



#52
Acenaphthene
Concen: 38.007 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

Tgt Ion:154 Resp: 2093957
Ion Ratio Lower Upper
154 100
153 113.9 91.3 136.9
152 52.7 42.2 63.4

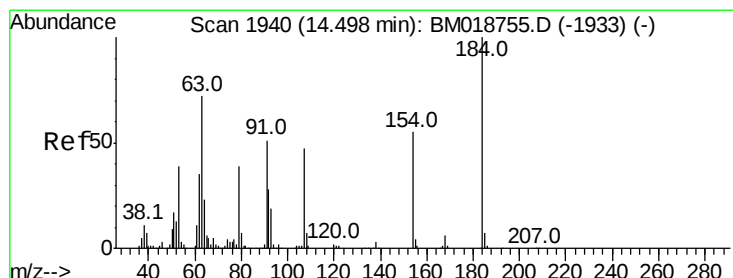
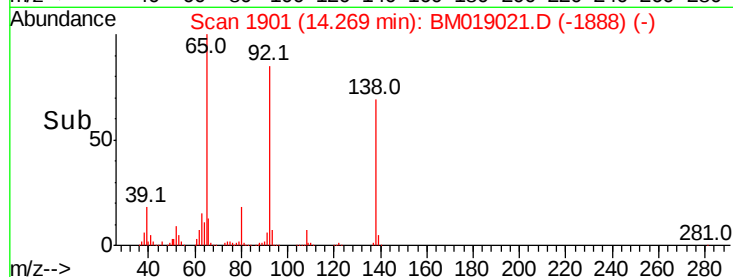
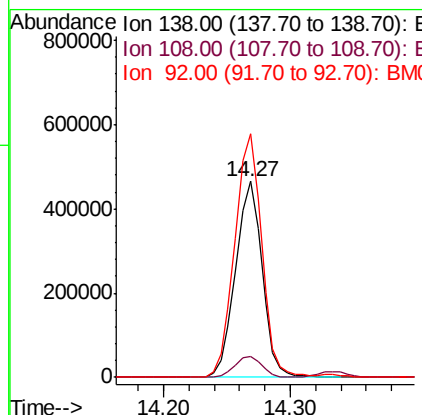
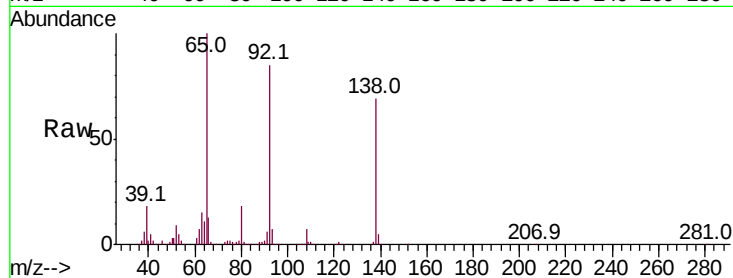




#53
3-Nitroaniline
Concen: 36.681 ng
RT: 14.27 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

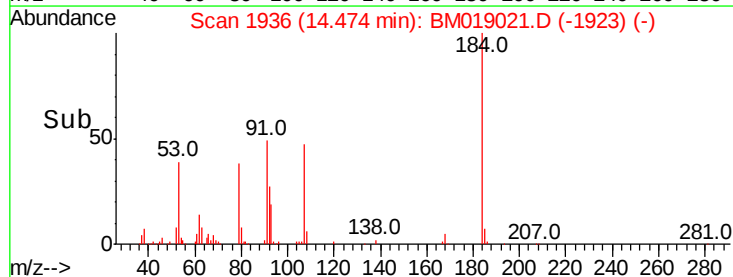
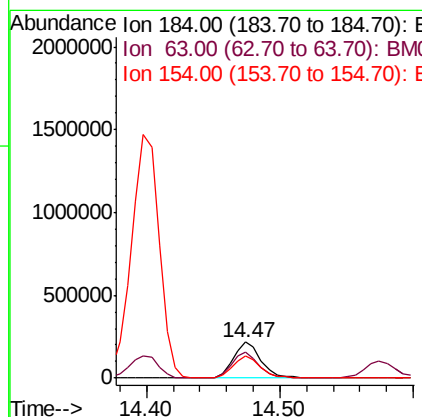
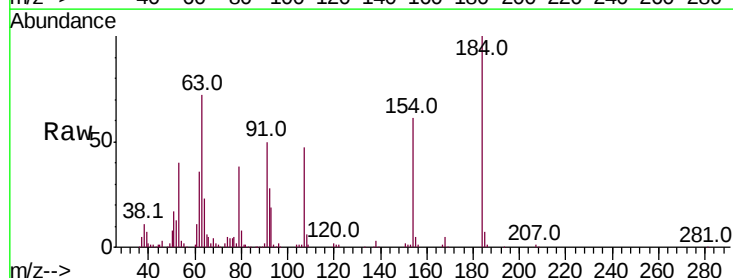
Instrument :
BNA_M
ClientSampleId :

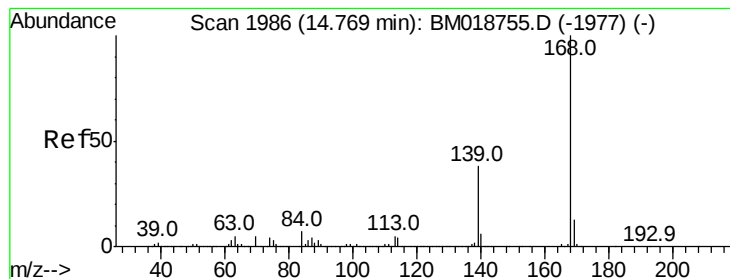
Tot Ion:138 Resp: 679090
Ion Ratio Lower Upper
138 100
108 10.4 9.1 13.7
92 124.2 99.7 149.5



#54
2,4-Dinitrophenol
Concen: 33.987 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

Tgt Ion:184 Resp: 316225
Ion Ratio Lower Upper
184 100
63 71.5 58.0 87.0
154 61.3 50.3 75.5





#55

Dibenzofuran

Concen: 37.444 ng

RT: 14.73 min Scan# 1980

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampled :

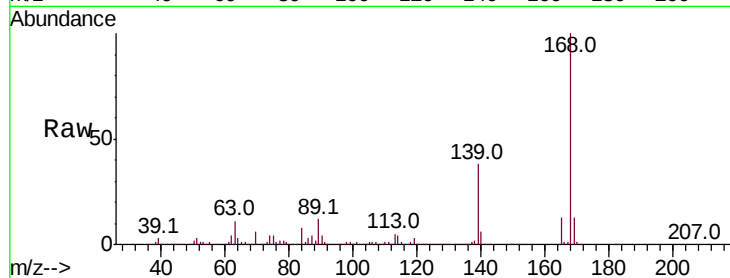
Tot Ion:168 Resp: 3390718

Ion Ratio Lower Upper

168 100

139 38.0 30.7 46.1

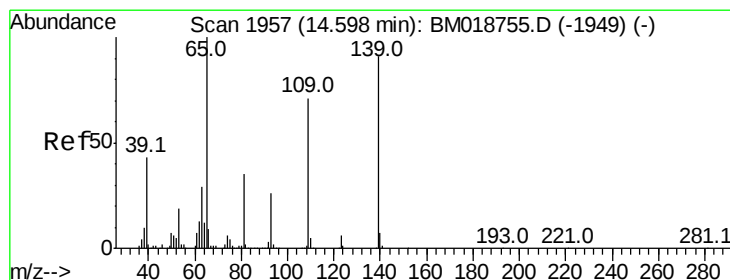
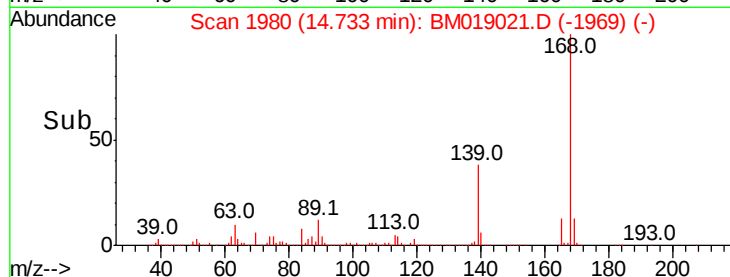
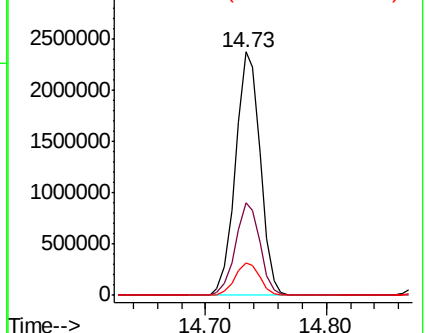
169 13.5 10.3 15.5



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: 36.506 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

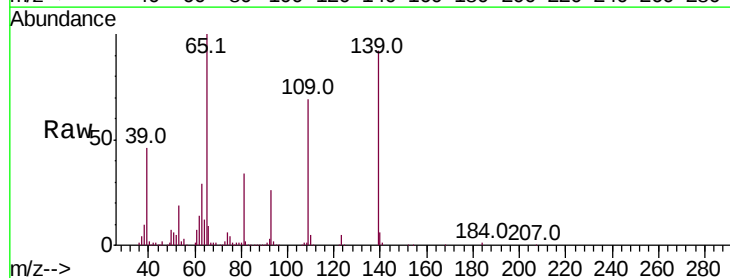
Tgt Ion:139 Resp: 539516

Ion Ratio Lower Upper

139 100

109 75.4 58.4 98.4

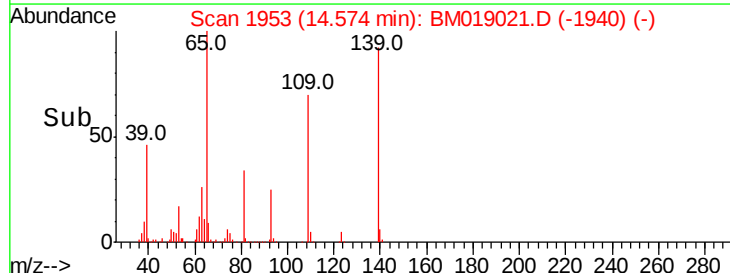
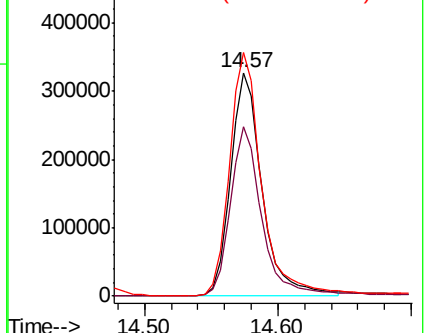
65 108.8 89.8 129.8

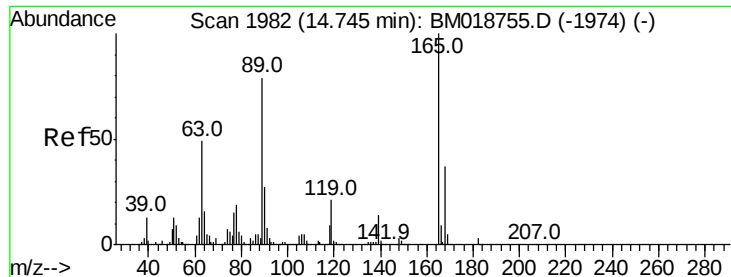


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

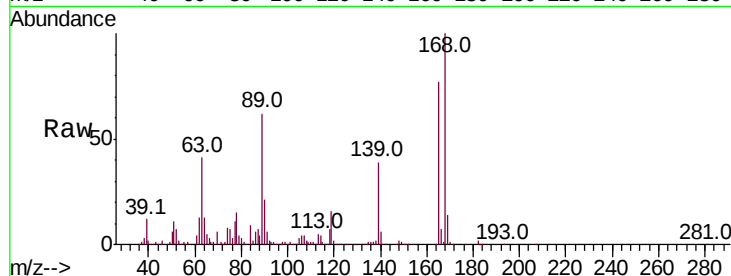




#57
 2,4-Dinitrotoluene
 Concen: 39.040 ng
 RT: 14.72 min Scan# 1978
 Delta R.T. -0.02 min
 Lab File: BM019021.D
 Acq: 04 Mar 2019 22:05

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.6	39.6	59.4
89	79.7	63.5	95.3
182	2.9	2.2	3.4



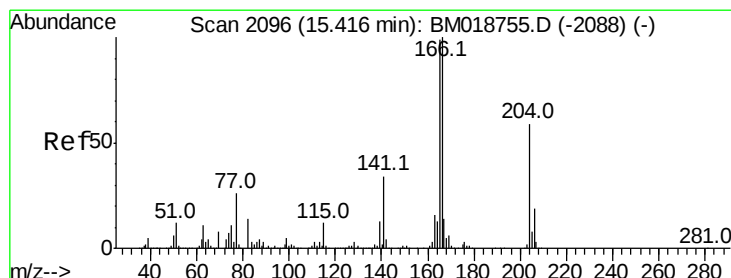
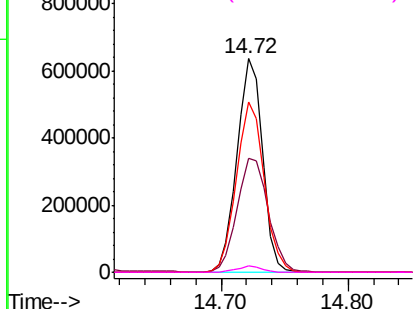
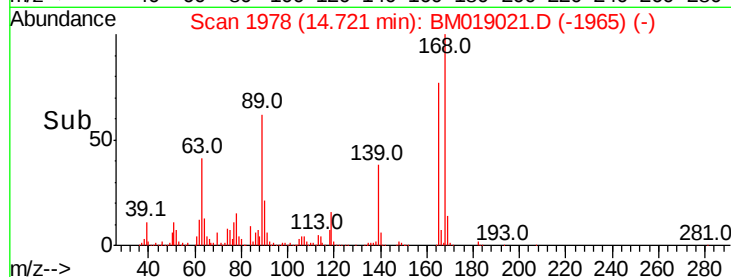
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

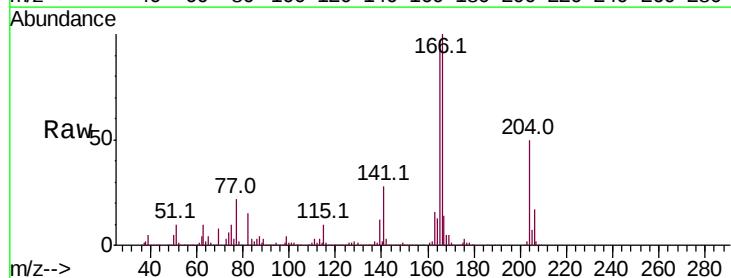
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 38.342 ng
 RT: 15.39 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM019021.D
 Acq: 04 Mar 2019 22:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.1	118.7
167	13.8	11.0	16.4

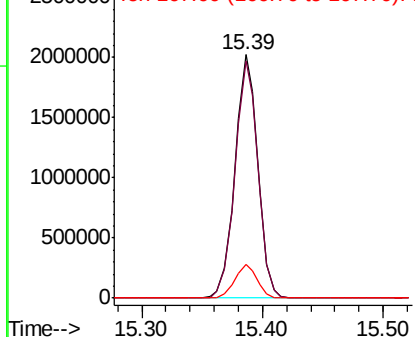
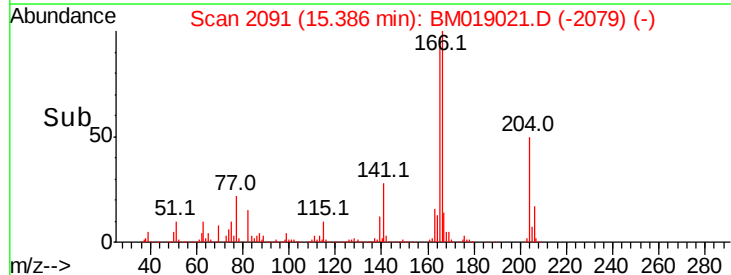


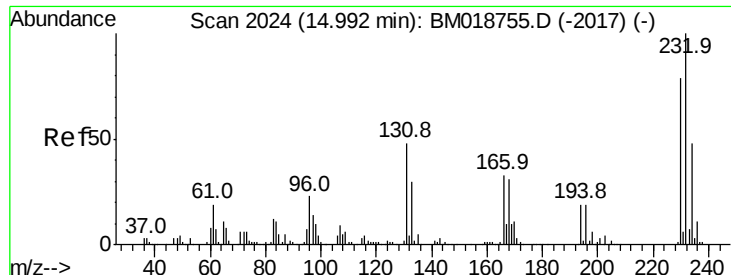
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

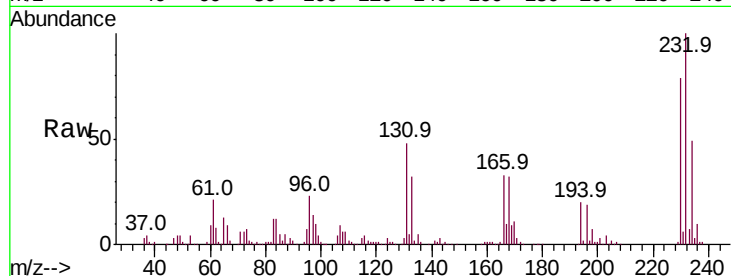




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.028 ng
 RT: 14.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BM019021.D
 Acq: 04 Mar 2019 22:05

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.2	38.6	57.8
130	2.5	2.0	3.0
166	33.0	26.9	40.3



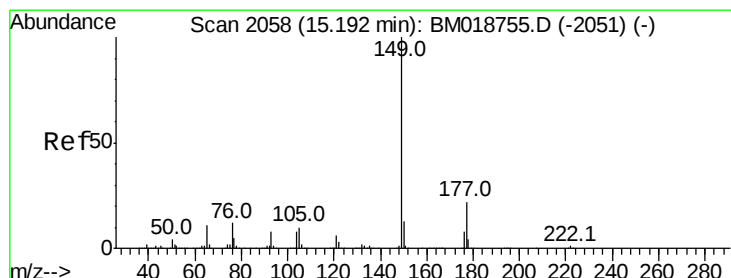
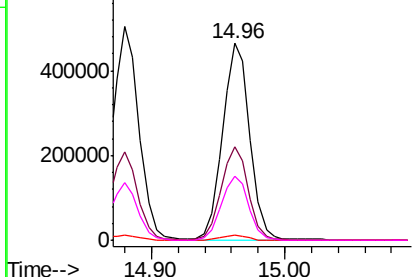
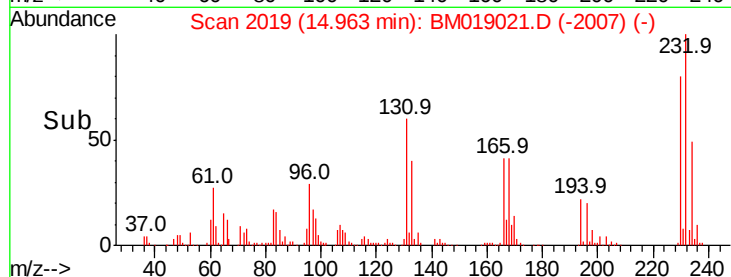
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

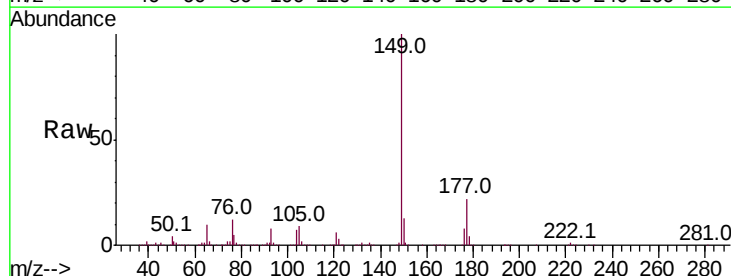
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.083 ng
 RT: 15.17 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BM019021.D
 Acq: 04 Mar 2019 22:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.2	25.8
150	12.5	10.2	15.2

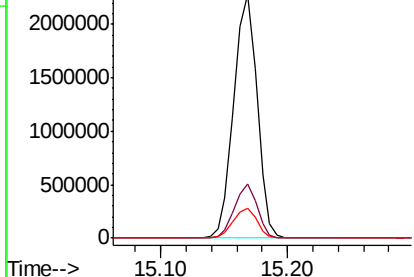
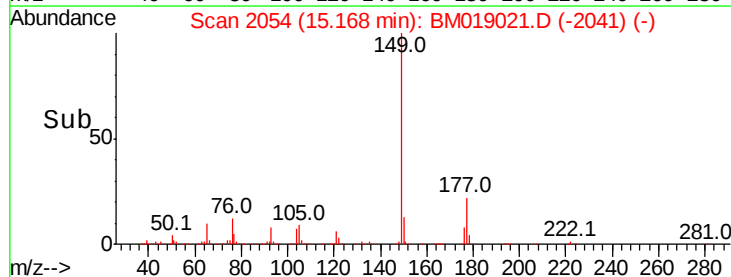


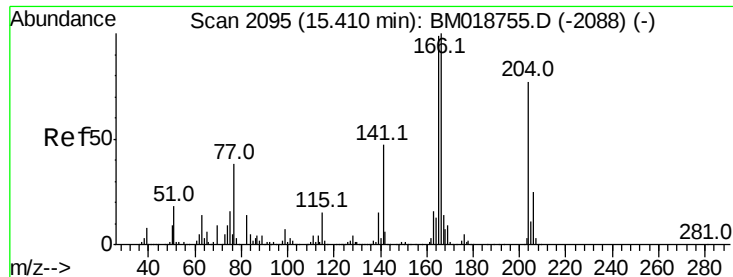
Abundance

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

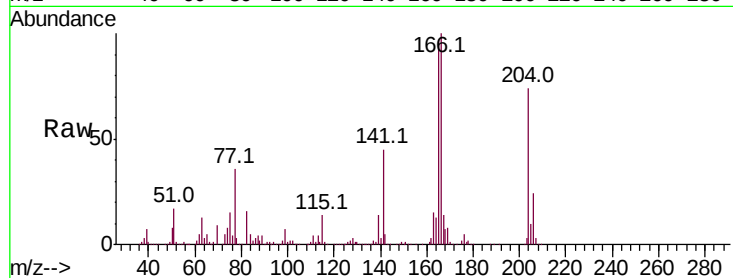




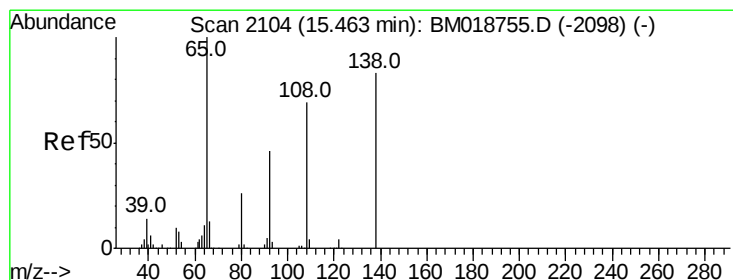
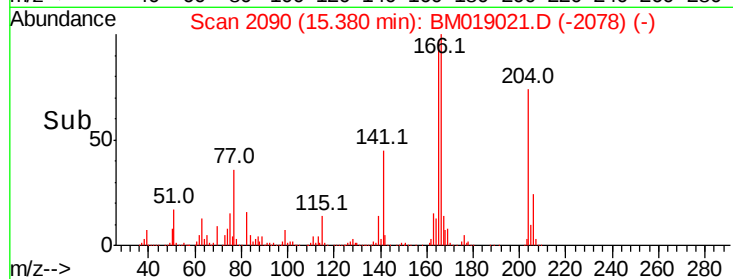
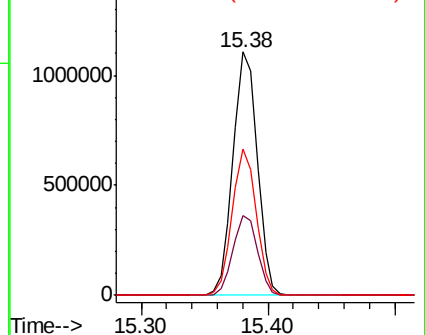
#61
4-Chlorophenyl-phenylether
Concen: 37.740 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.03 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1465909
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 60.2 49.2 73.8

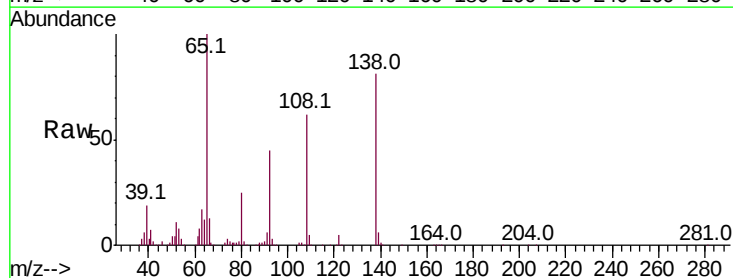


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

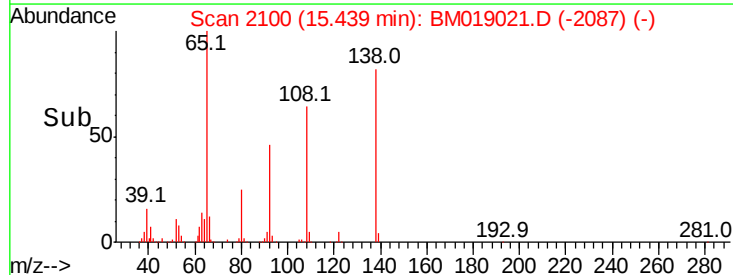
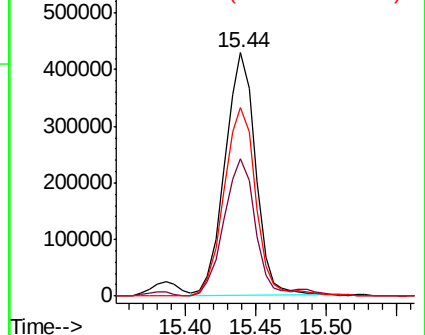


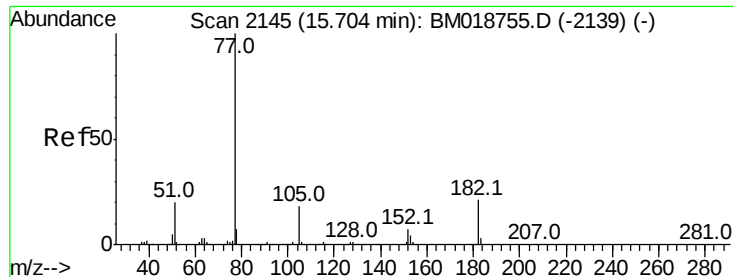
#62
4-Nitroaniline
Concen: 35.734 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

Tgt Ion:138 Resp: 648560
Ion Ratio Lower Upper
138 100
92 56.3 35.5 75.5
108 77.3 62.4 102.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.796 ng

RT: 15.67 min Scan# 2140

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 3161975

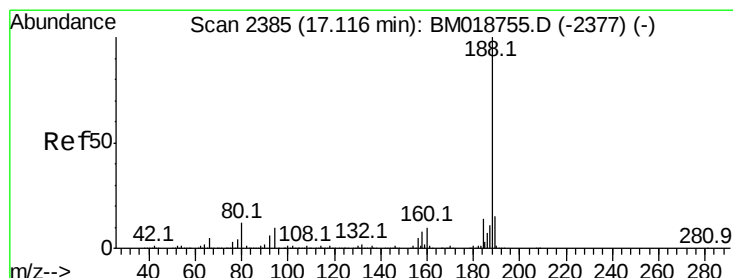
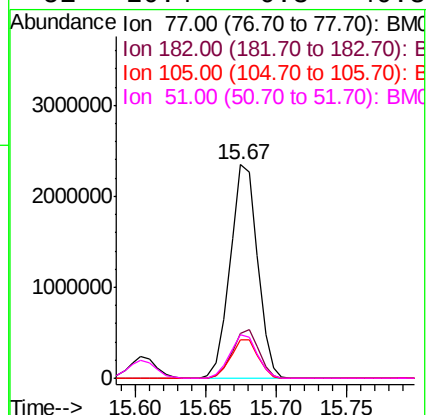
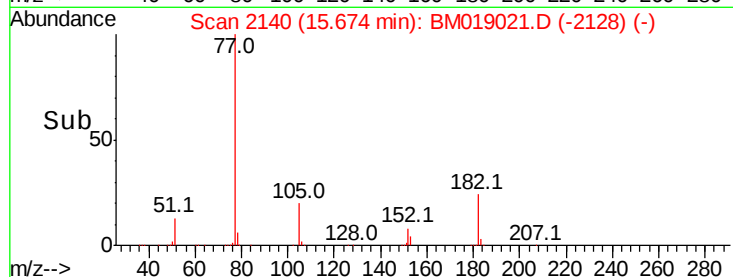
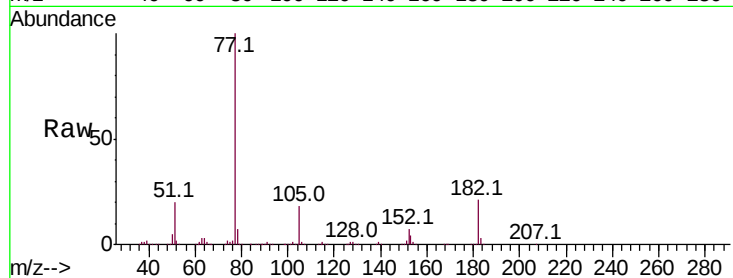
Ion	Ratio	Lower	Upper
77	100		
182	21.2	1.0	41.0
105	18.1	0.0	37.7
51	20.4	0.3	40.3

77 100

182 21.2 1.0 41.0

105 18.1 0.0 37.7

51 20.4 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: BM019021.D

Acq: 04 Mar 2019 22:05

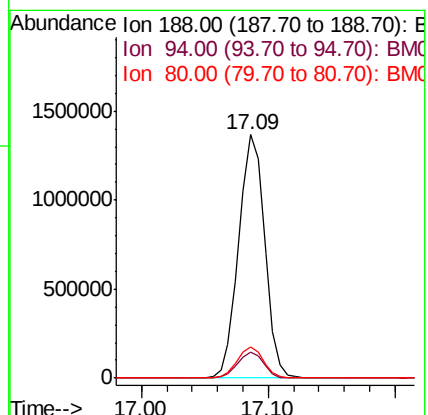
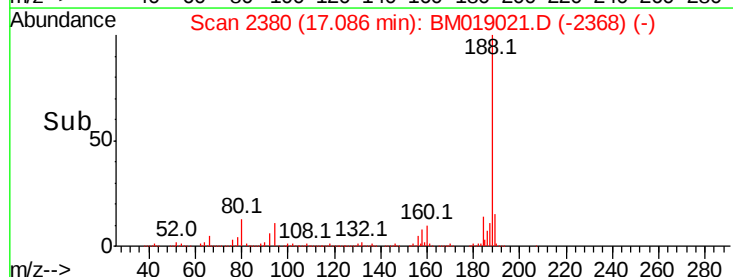
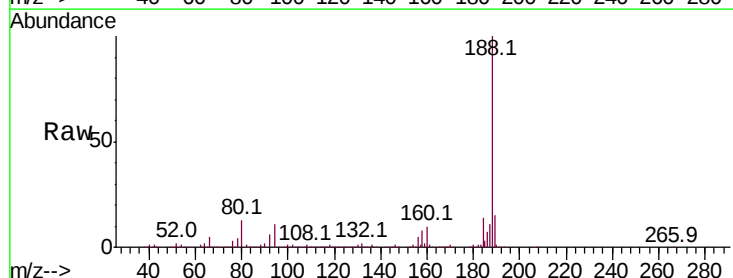
Tgt Ion: 188 Resp: 1944733

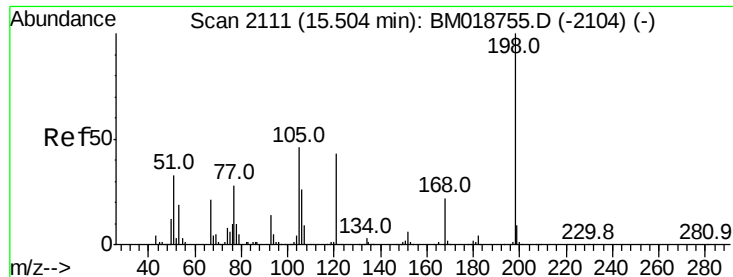
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.2	12.2
80	12.9	9.7	14.5

188 100

94 10.9 8.2 12.2

80 12.9 9.7 14.5

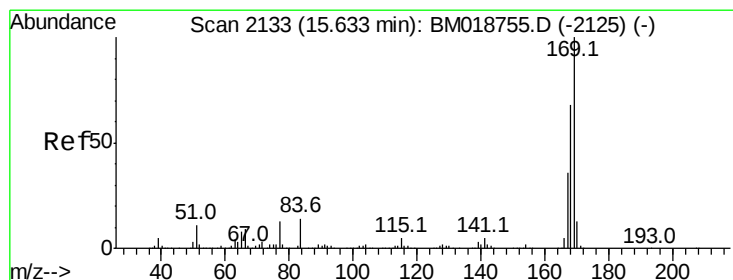
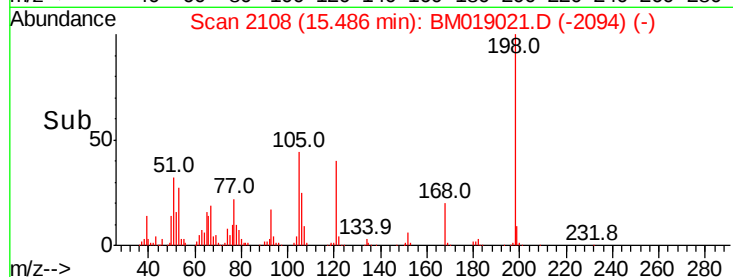
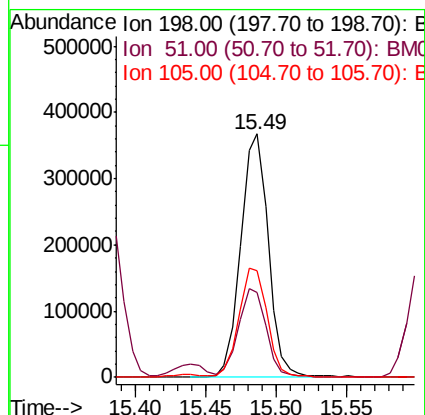
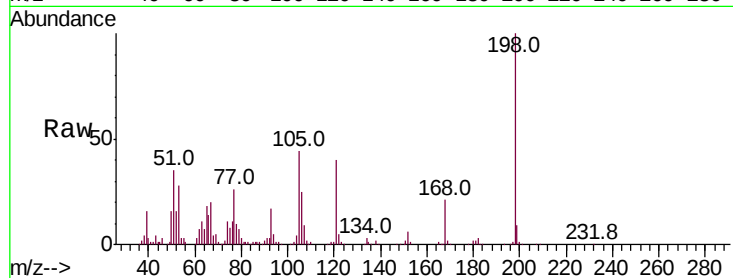




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.753 ng
 RT: 15.49 min Scan# 2108
 Delta R.T. -0.02 min
 Lab File: BM019021.D
 Acq: 04 Mar 2019 22:05

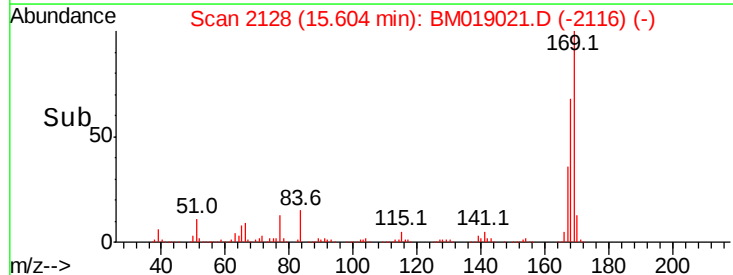
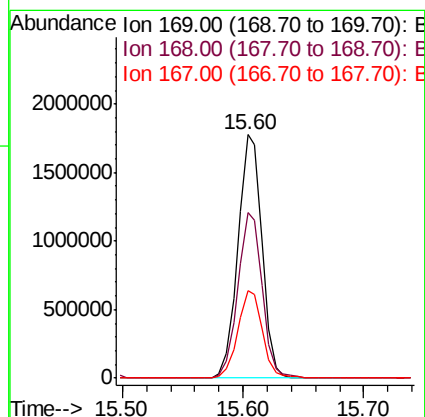
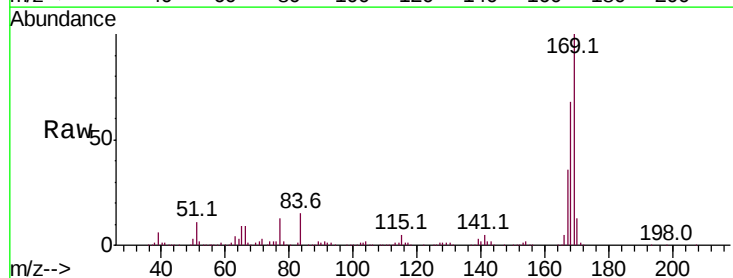
Instrument :
 BNA_M
 ClientSampleId :

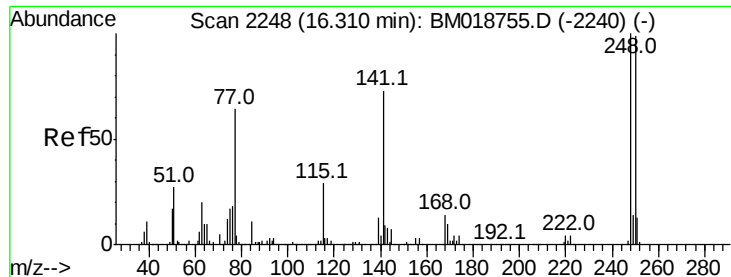
Tot Ion:198 Resp: 501837
 Ion Ratio Lower Upper
 198 100
 51 34.7 18.4 58.4
 105 44.0 27.2 67.2



#66
 n-Nitrosodiphenylamine
 Concen: 39.984 ng
 RT: 15.60 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BM019021.D
 Acq: 04 Mar 2019 22:05

Tgt Ion:169 Resp: 2456670
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.4 81.6
 167 35.9 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 39.989 ng

RT: 16.28 min Scan# 2243

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

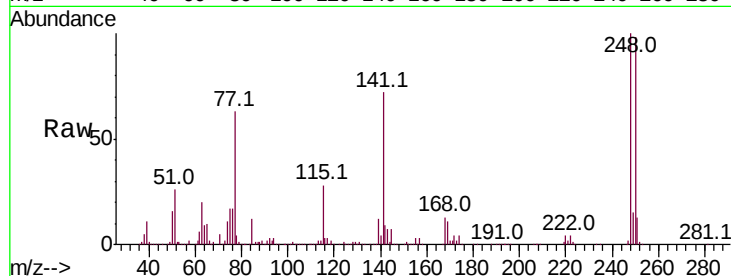
Tot Ion:248 Resp: 870488

Ion Ratio Lower Upper

248 100

250 97.6 79.0 118.6

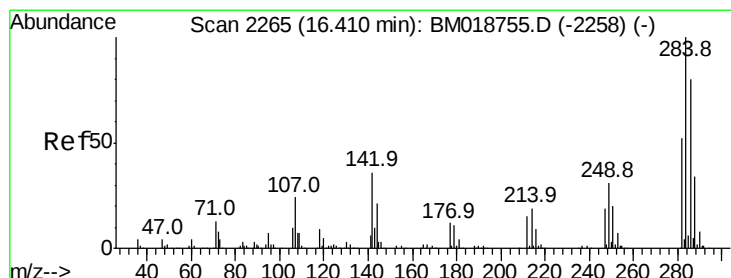
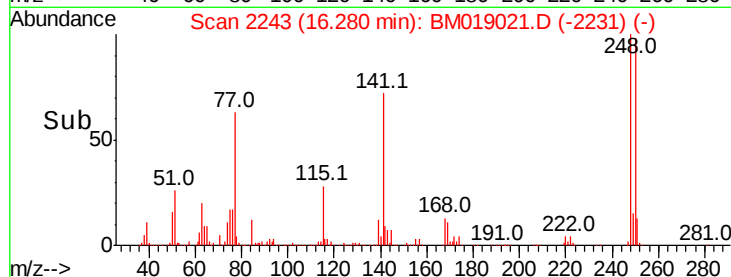
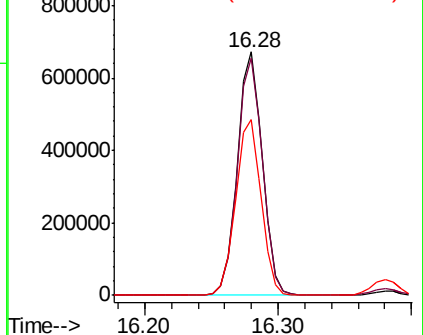
141 72.3 58.6 88.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.331 ng

RT: 16.38 min Scan# 2260

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

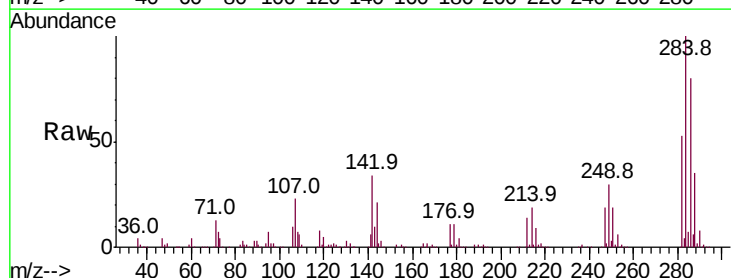
Tgt Ion:284 Resp: 995143

Ion Ratio Lower Upper

284 100

142 34.2 28.9 43.3

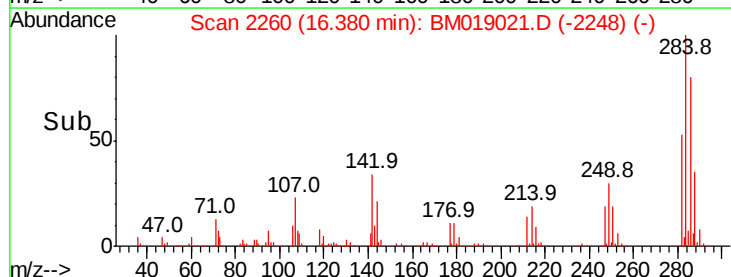
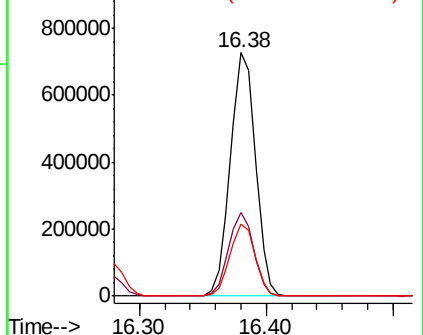
249 29.8 24.8 37.2

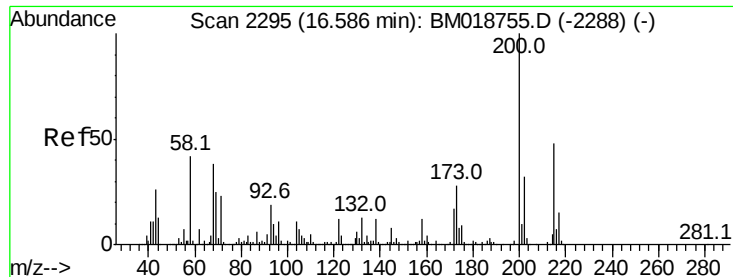


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

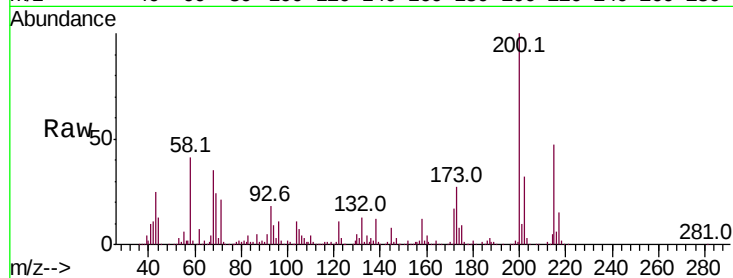




#69
Atrazine
Concen: 32.016 ng
RT: 16.56 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.6	47.6
215	47.0	27.6	67.6

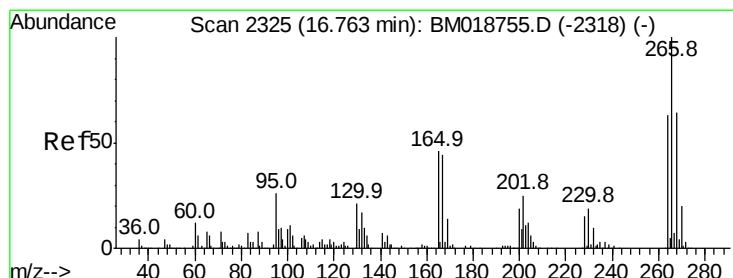
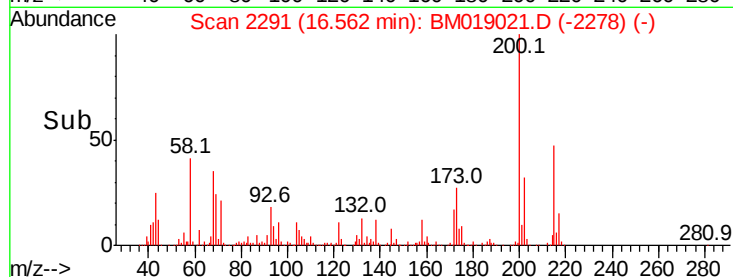
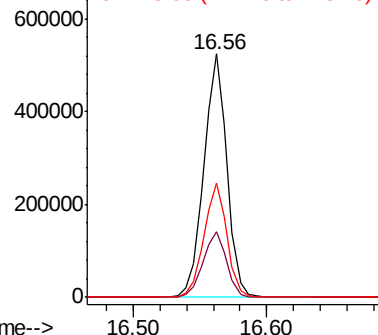


Abundance

Ion 200.00 (199.70 to 200.70): E

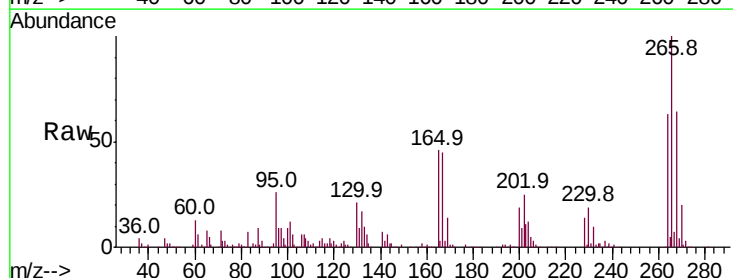
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 37.943 ng
RT: 16.73 min Scan# 2320
Delta R.T. -0.03 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.3	76.9
264	63.1	50.6	75.8

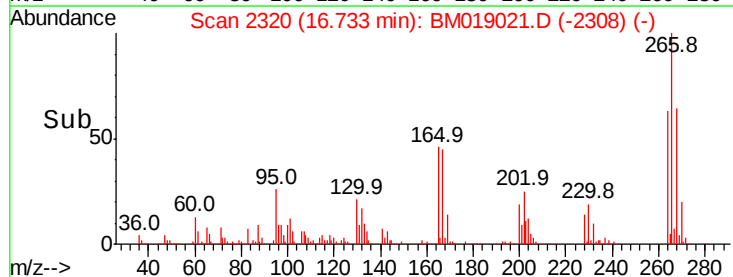
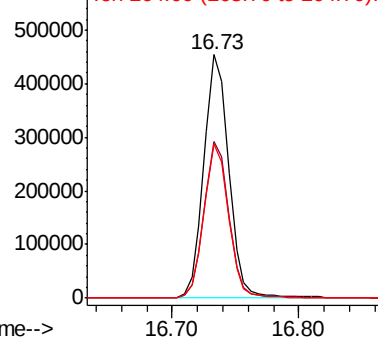


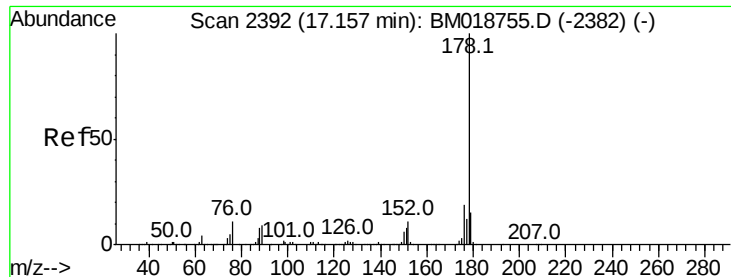
Abundance

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: 37.764 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

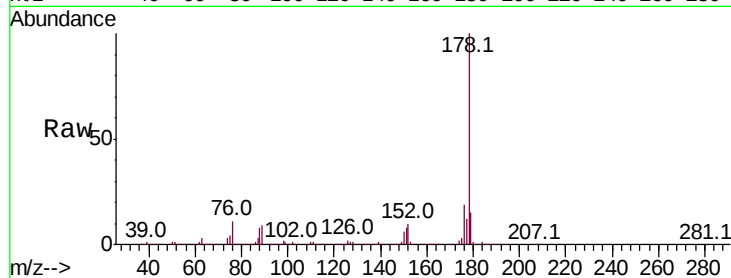
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 3946793

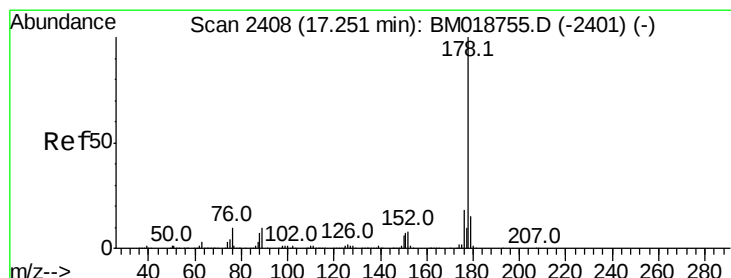
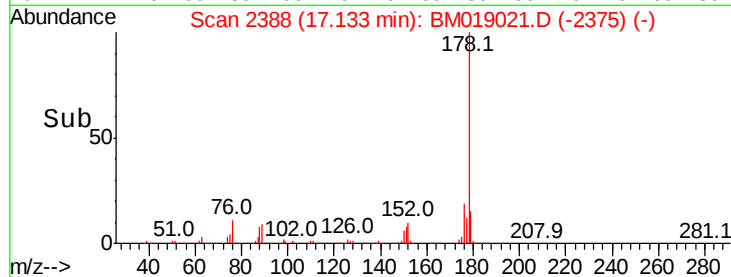
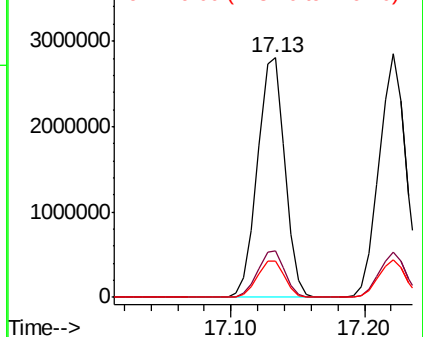
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.3	12.3	18.5



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: 38.679 ng

RT: 17.22 min Scan# 2403

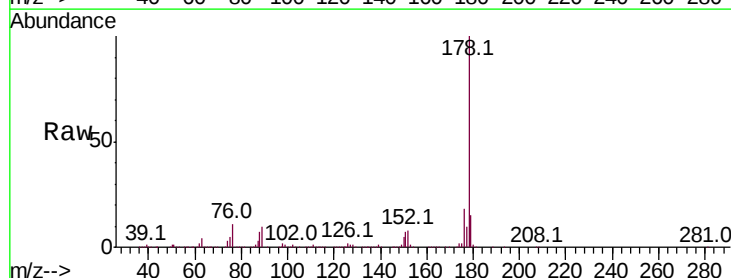
Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Tgt Ion:178 Resp: 3934621

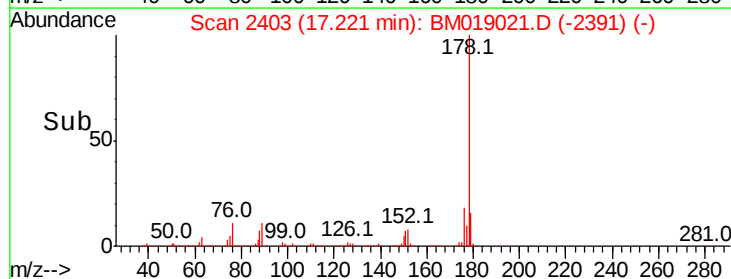
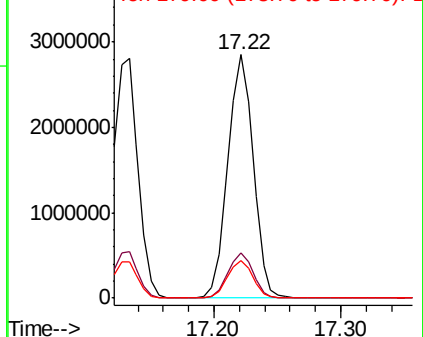
Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.5	12.1	18.1

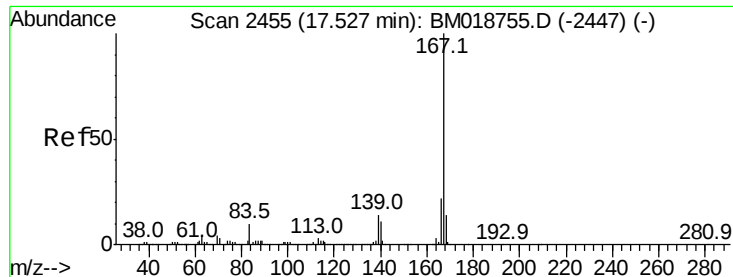


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



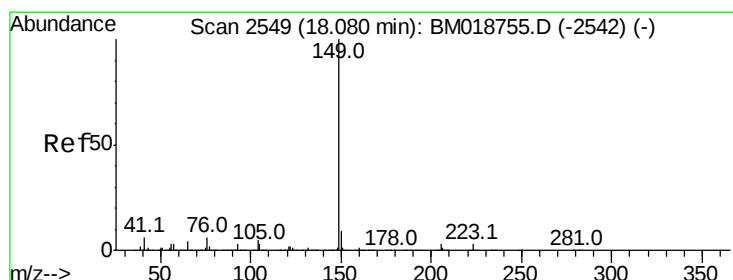
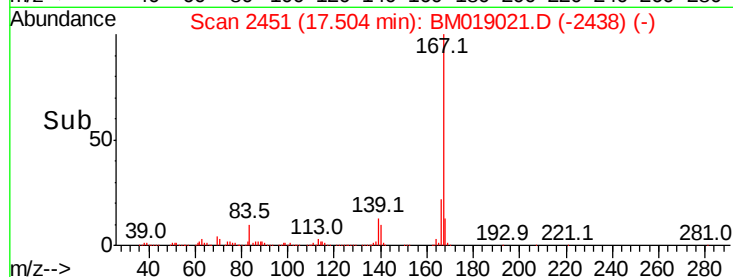
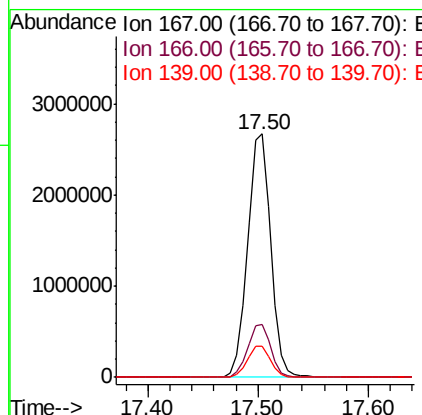
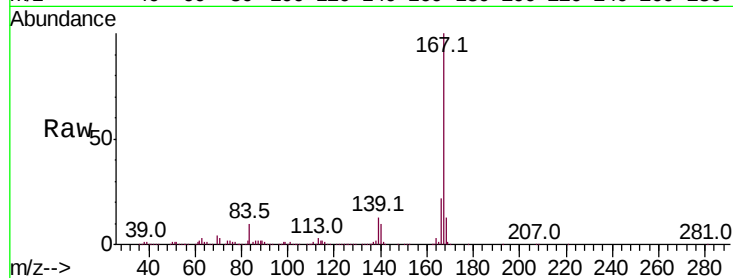


#73
 Carbazole
 Concen: 37.122 ng
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM019021.D
 Acq: 04 Mar 2019 22:05

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3945318

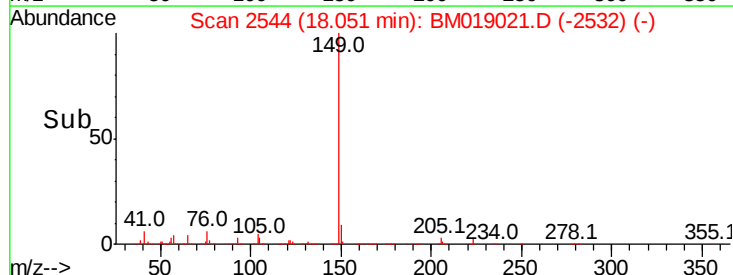
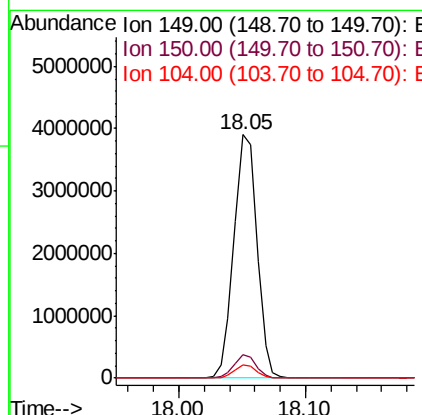
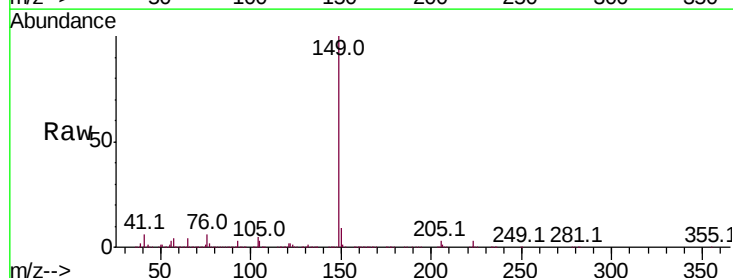
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	12.7	10.9	16.3

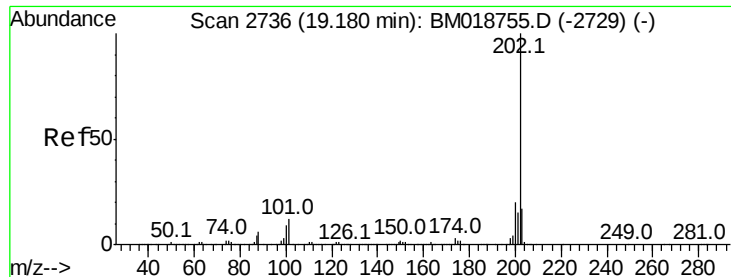


#74
 Di-n-butylphthalate
 Concen: 40.095 ng
 RT: 18.05 min Scan# 2544
 Delta R.T. -0.03 min
 Lab File: BM019021.D
 Acq: 04 Mar 2019 22:05

Tgt Ion:149 Resp: 4900728

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.3	4.3	6.5

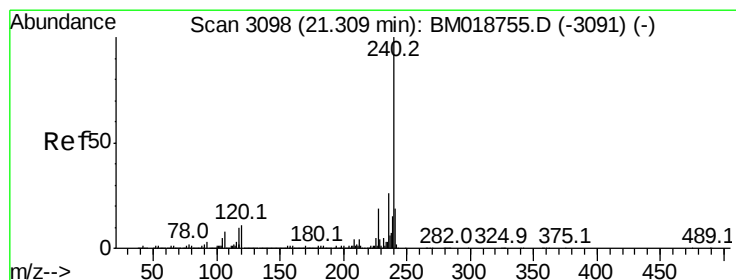
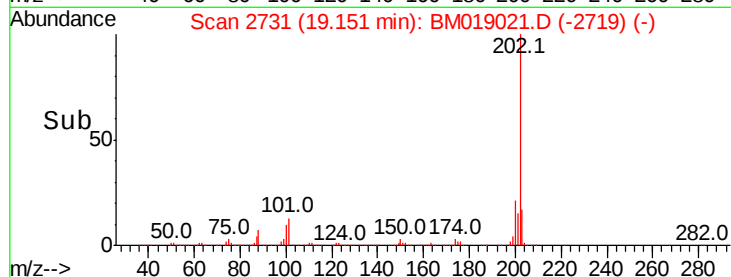
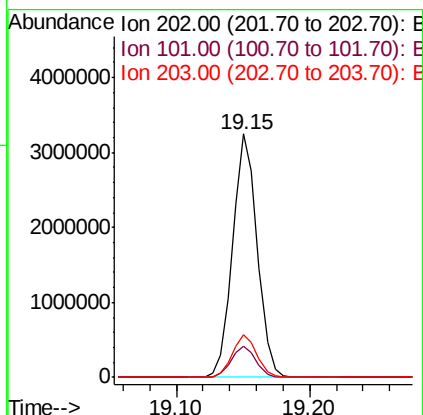
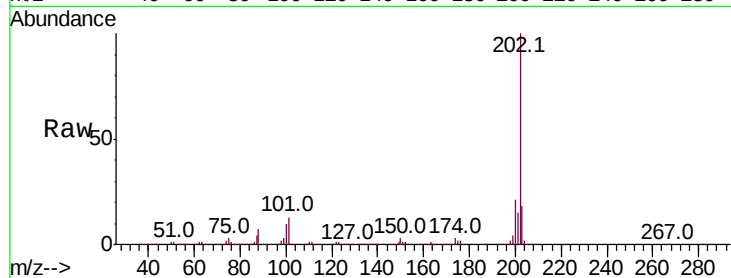




#75
Fluoranthene
Concen: 34.547 ng
RT: 19.15 min Scan# 2731
Delta R.T. -0.03 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

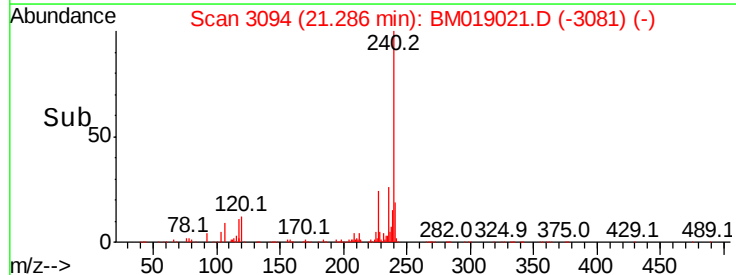
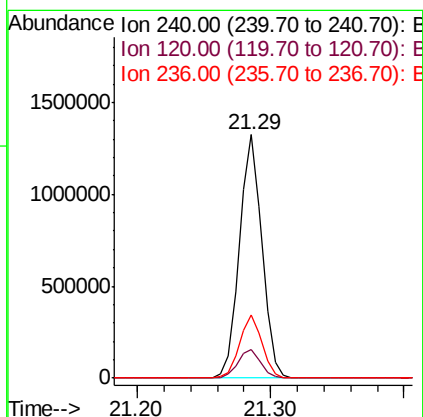
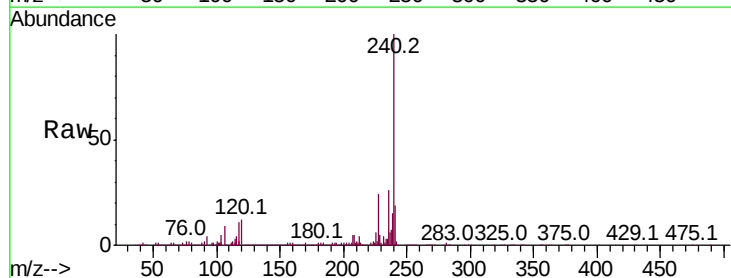
Instrument :
BNA_M
ClientSampleId :

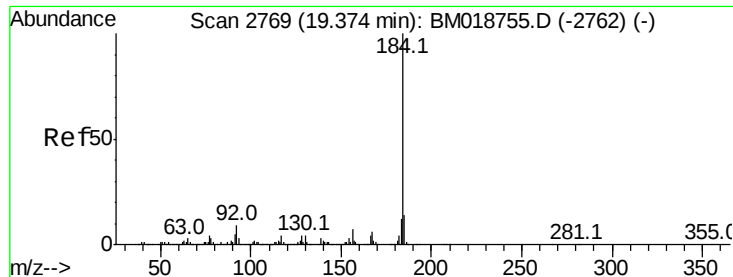
Tot Ion:202 Resp: 4170722
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.5
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

Tgt Ion:240 Resp: 1548200
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 26.0 20.9 31.3





#77

Benzidine

Concen: 53.255 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

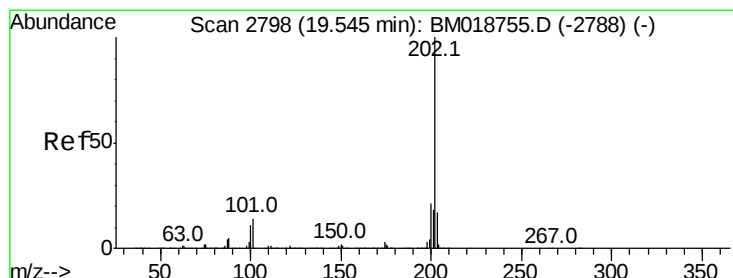
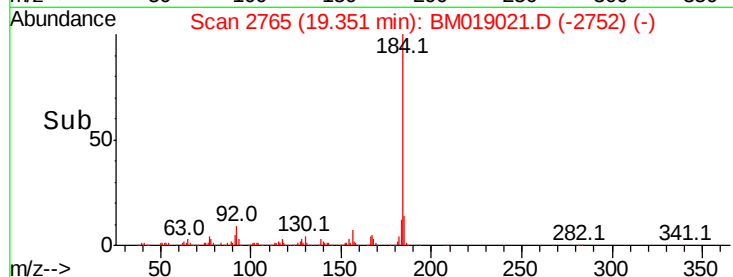
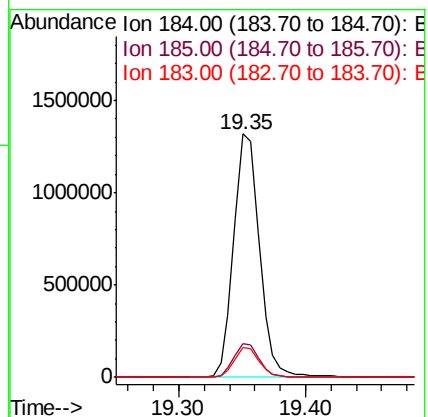
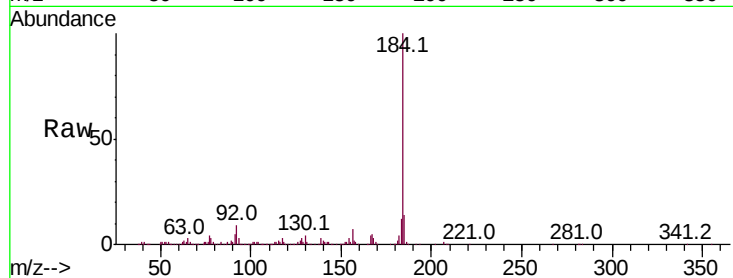
Tot Ion:184 Resp: 1856868

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.2	16.8
183	12.2	9.7	14.5

184 100

185 13.9 11.2 16.8

183 12.2 9.7 14.5



#78

Pyrene

Concen: 47.361 ng

RT: 19.52 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

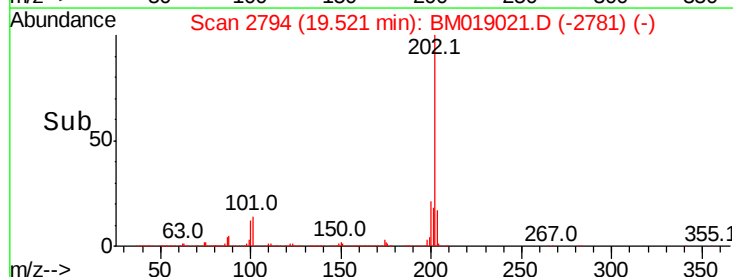
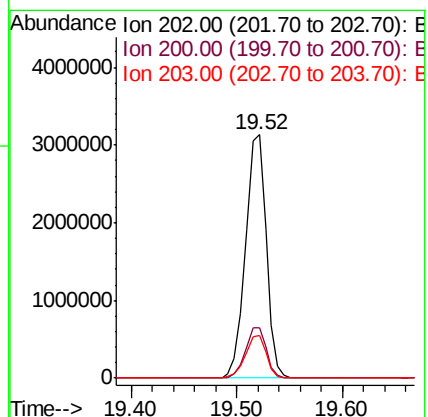
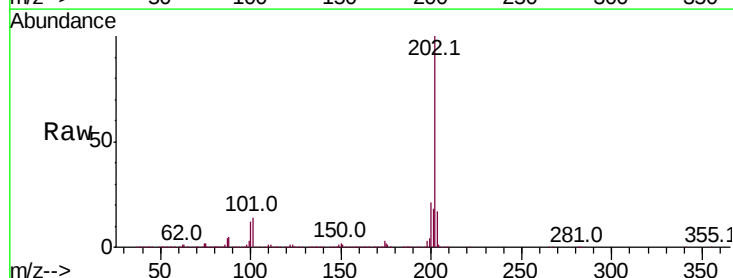
Tgt Ion:202 Resp: 4258595

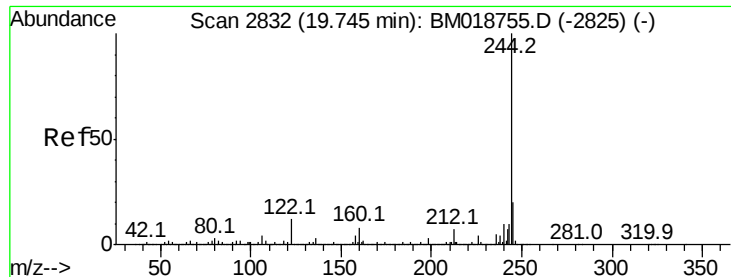
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.5	13.8	20.8

202 100

200 20.8 16.9 25.3

203 17.5 13.8 20.8





#79

Terphenyl-d14

Concen: 99.889 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.02 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

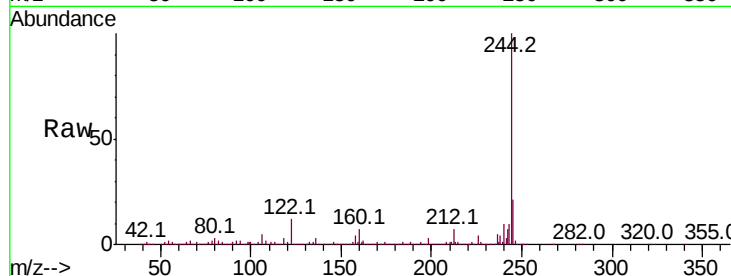
Tot Ion:244 Resp: 7496667

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	12.5	9.3	13.9

244 100

212 6.8 5.6 8.4

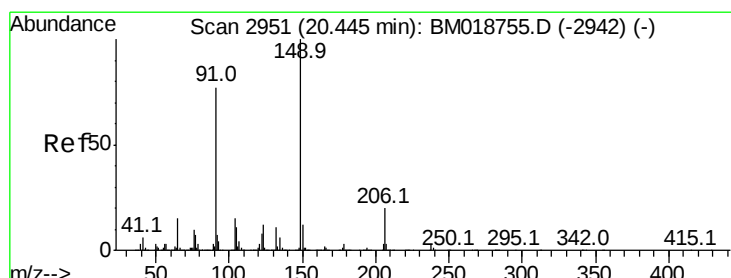
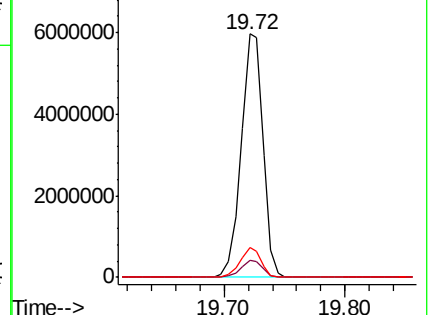
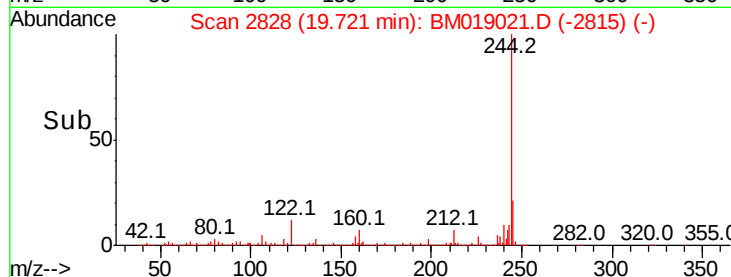
122 12.5 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E

8000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.867 ng

RT: 20.42 min Scan# 2947

Delta R.T. -0.02 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

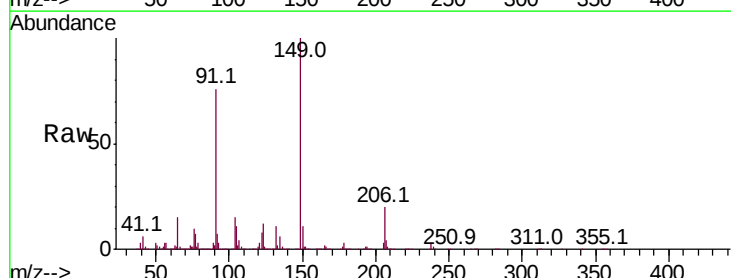
Tgt Ion:149 Resp: 2084466

Ion	Ratio	Lower	Upper
149	100		
91	75.9	61.4	92.0
206	19.8	15.8	23.8

149 100

91 75.9 61.4 92.0

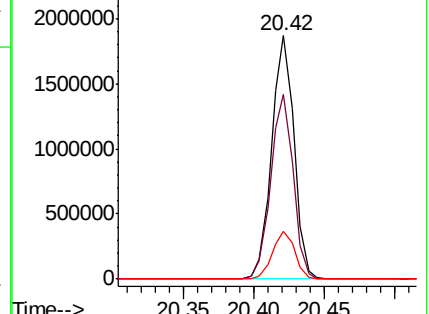
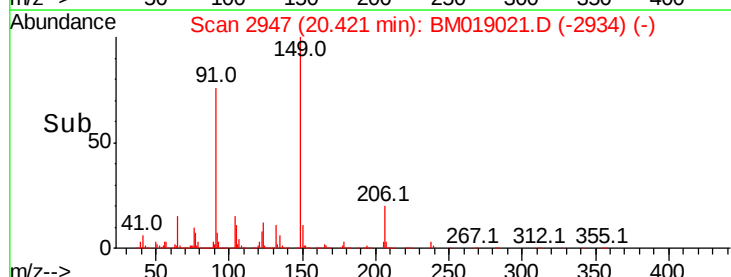
206 19.8 15.8 23.8

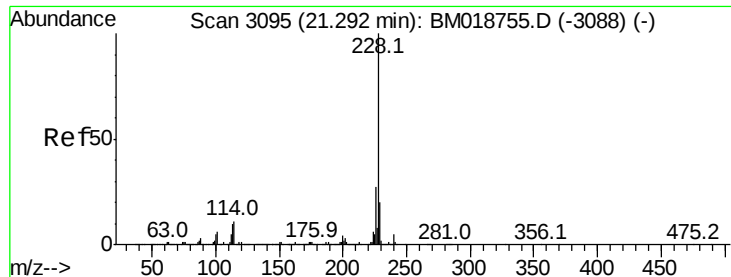


Abundance Ion 149.00 (148.70 to 149.70): E

2500000 Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.324 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

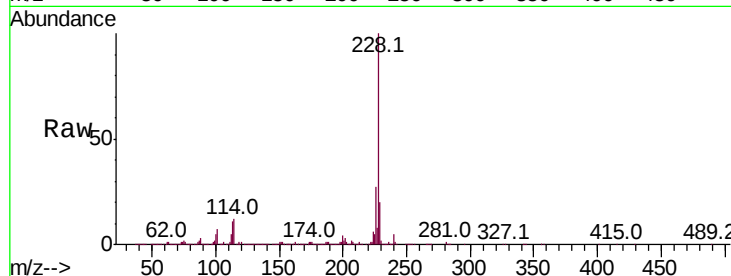
Tot Ion:228 Resp: 3458649

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

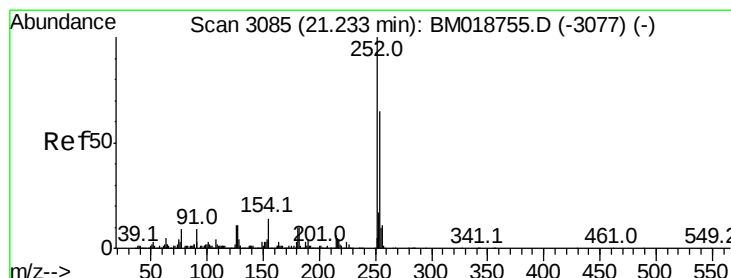
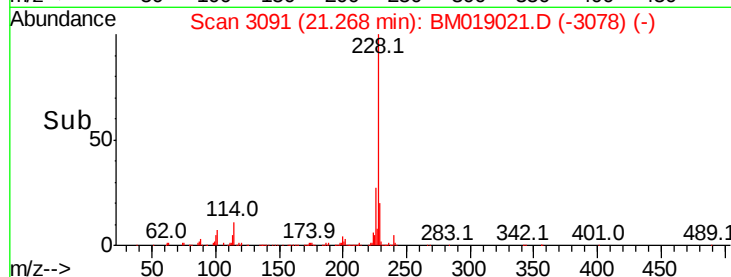
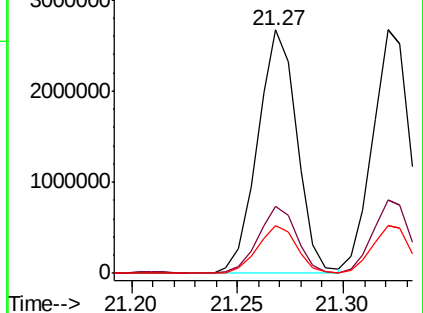
229 19.7 15.9 23.9



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: 38.836 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.02 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

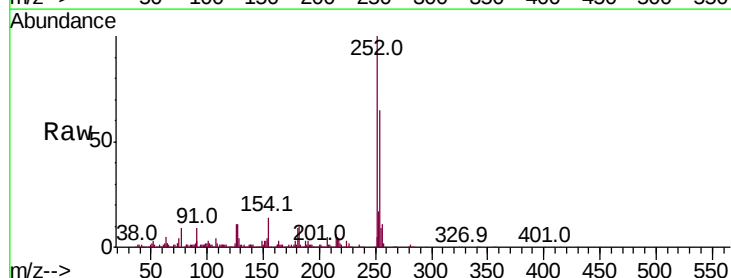
Tgt Ion:252 Resp: 1385175

Ion Ratio Lower Upper

252 100

254 65.0 51.8 77.8

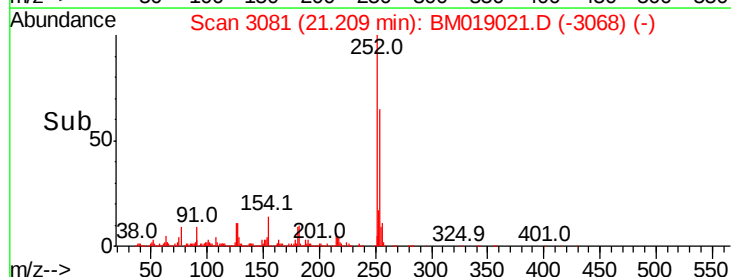
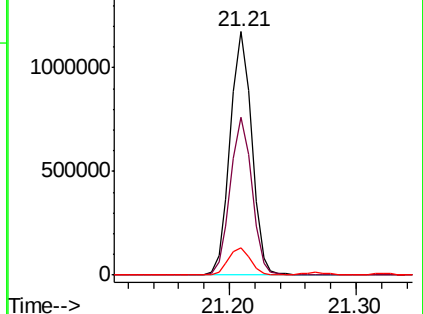
126 11.1 9.1 13.7

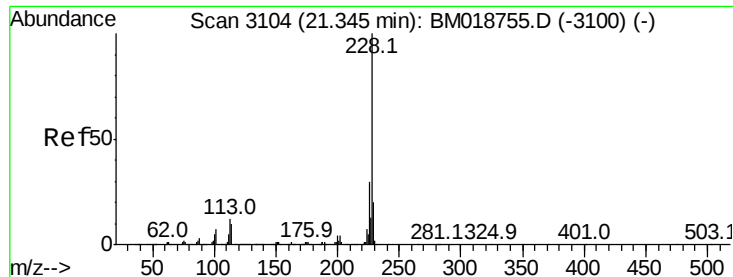


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

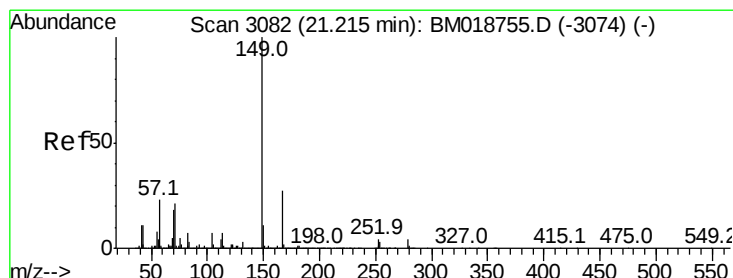
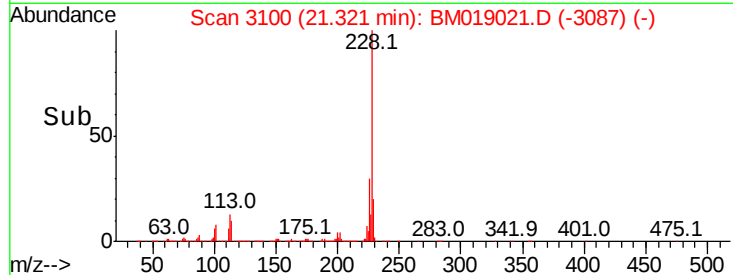
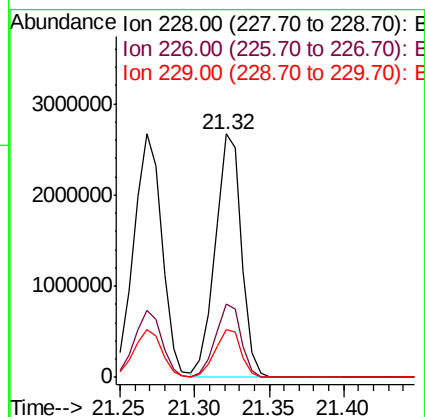
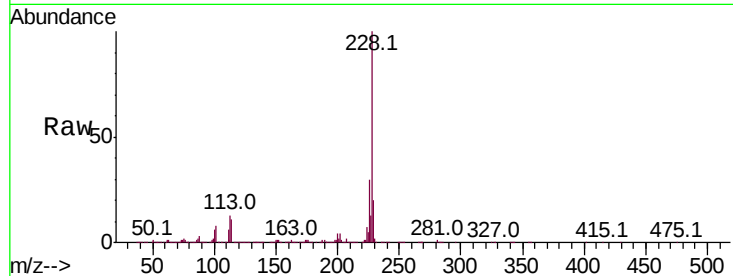




#83
Chrysene
Concen: 37.707 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

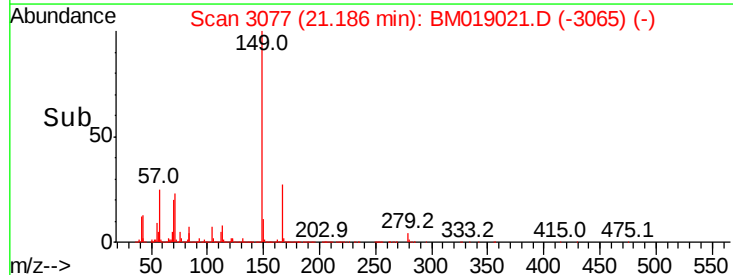
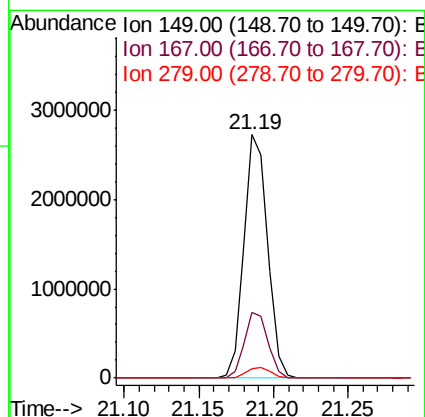
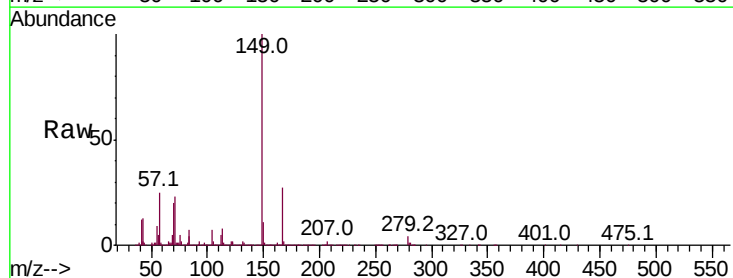
Instrument :
BNA_M
ClientSampleId :

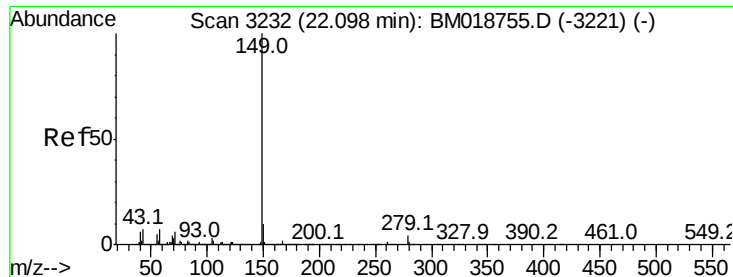
Tot Ion:228 Resp: 3261646
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.7 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.588 ng
RT: 21.19 min Scan# 3077
Delta R.T. -0.03 min
Lab File: BM019021.D
Acq: 04 Mar 2019 22:05

Tgt Ion:149 Resp: 2974185
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.6
279 4.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 43.586 ng

RT: 22.07 min Scan# 3227

Delta R.T. -0.03 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

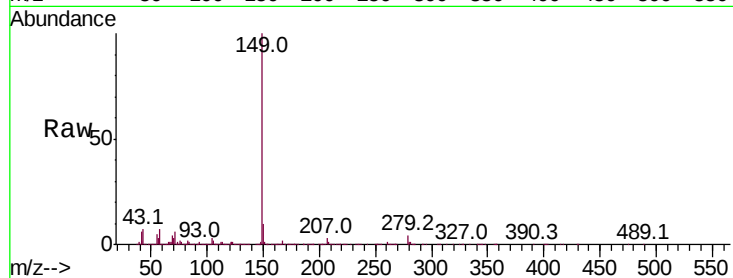
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 4393658

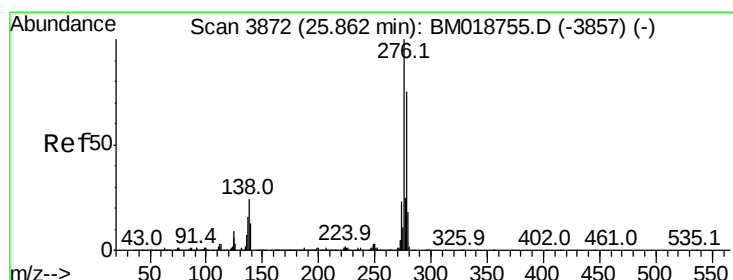
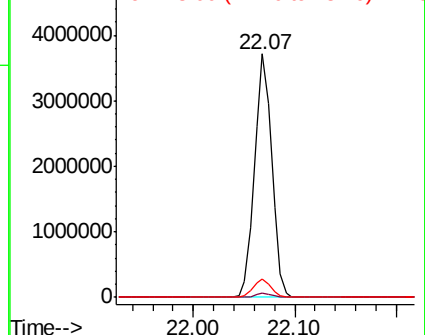
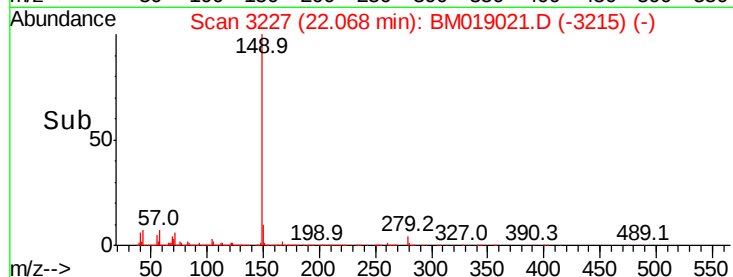
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.0	9.0



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: 33.875 ng

RT: 25.81 min Scan# 3863

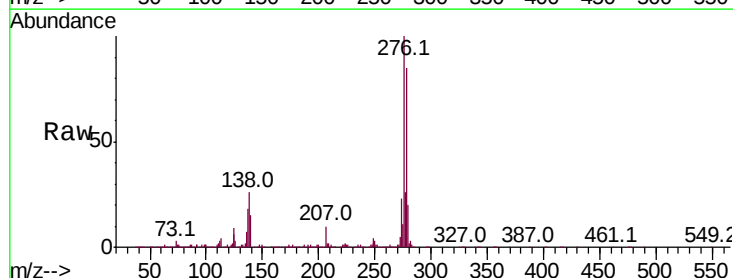
Delta R.T. -0.05 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Tgt Ion:276 Resp: 3383113

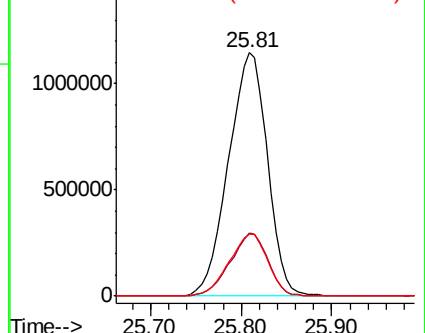
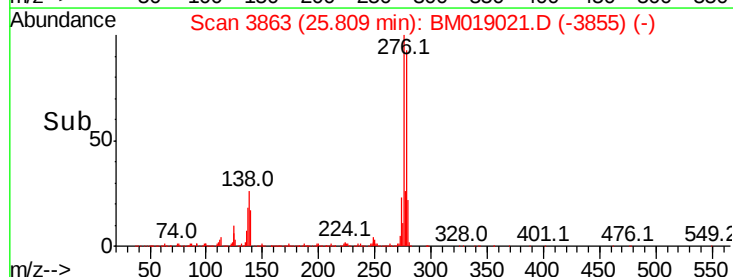
Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.4
277	25.4	20.3	30.5

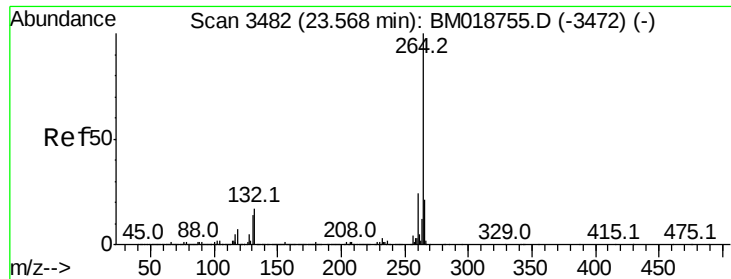


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3476

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

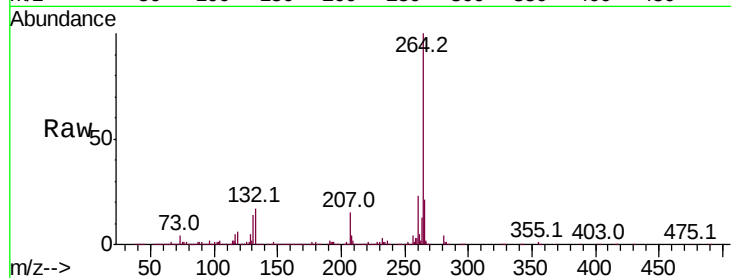
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 1364095

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.4	17.3	25.9

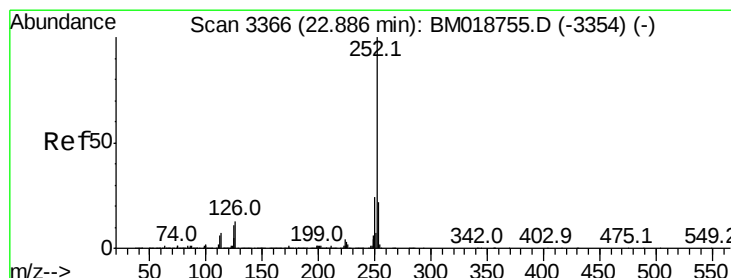
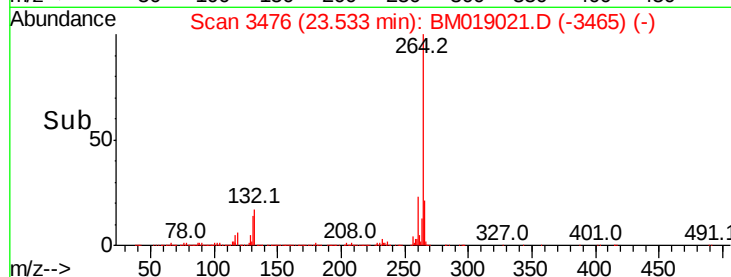
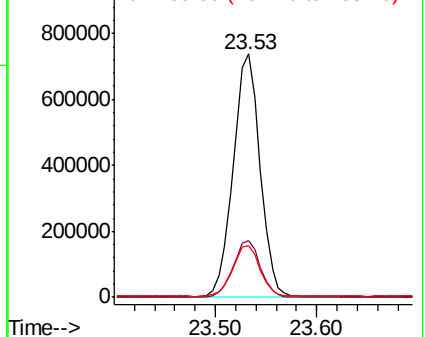


Abundance

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: 38.239 ng

RT: 22.85 min Scan# 3360

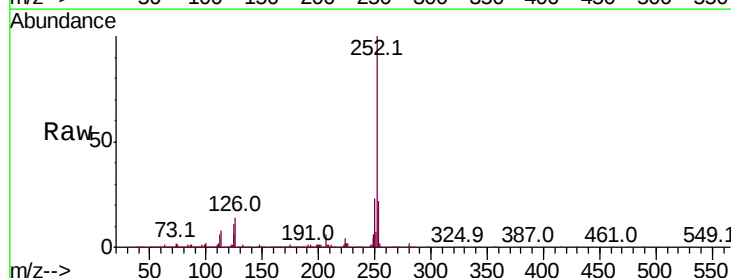
Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Tgt Ion:252 Resp: 2984378

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.0	8.6	12.8

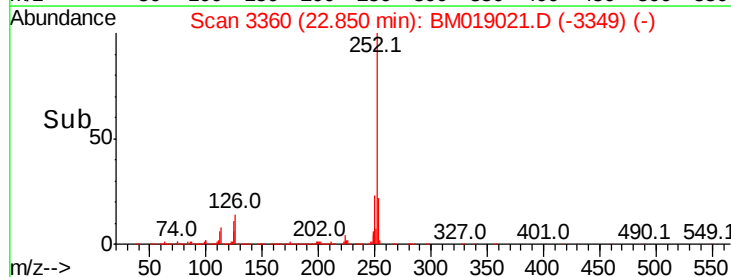
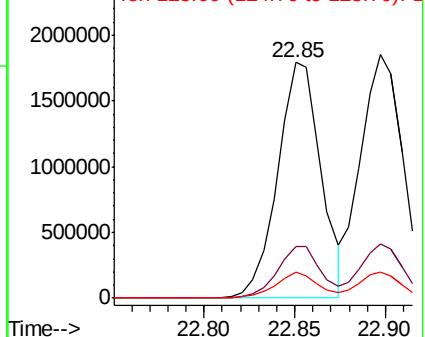


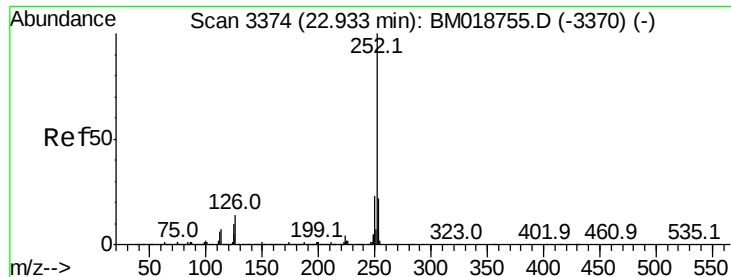
Abundance

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: 38.633 ng

RT: 22.90 min Scan# 3368

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampled :

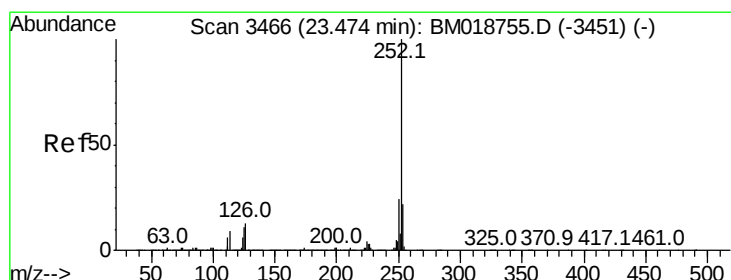
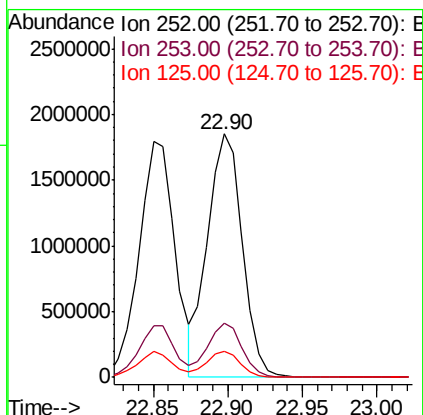
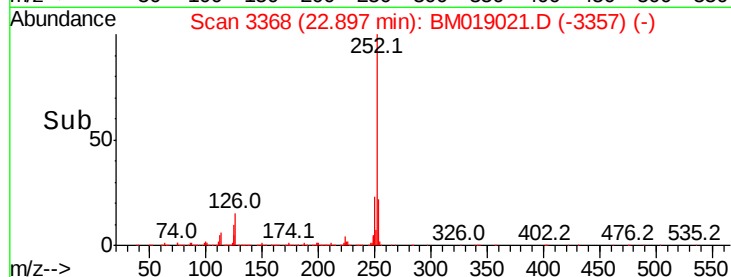
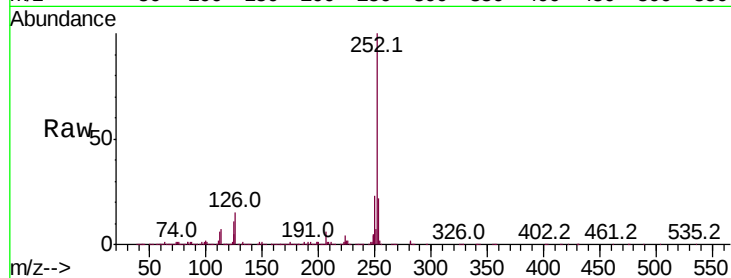
Tot Ion:252 Resp: 3001757

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.7 8.2 12.4



#90

Benzo(a)pyrene

Concen: 37.908 ng

RT: 23.43 min Scan# 3459

Delta R.T. -0.04 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

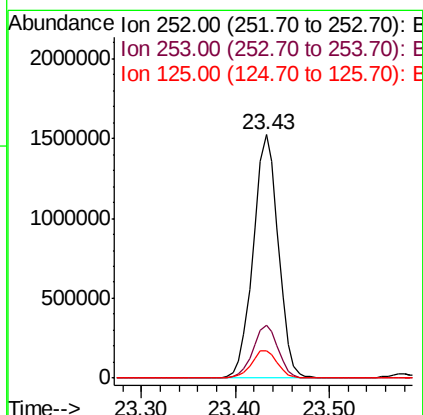
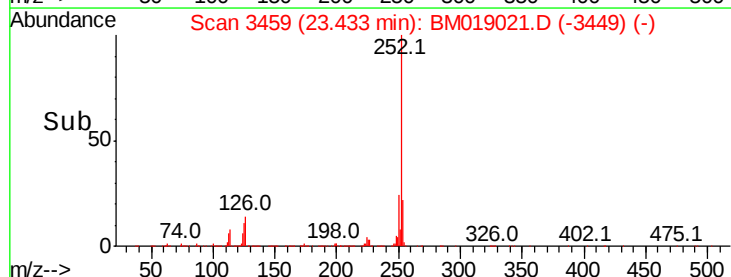
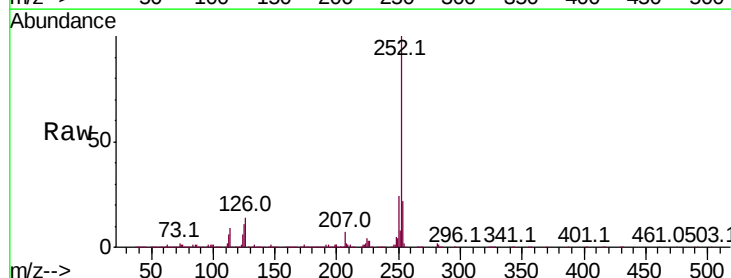
Tgt Ion:252 Resp: 2802651

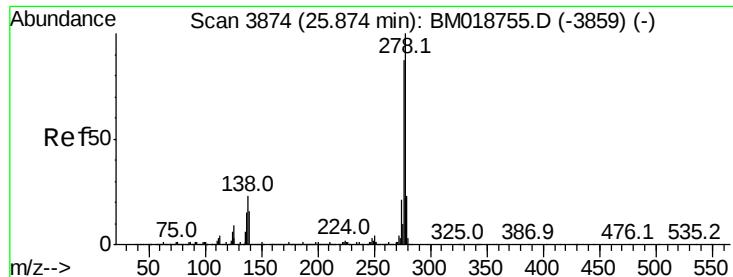
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 11.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 39.600 ng

RT: 25.82 min Scan# 3865

Delta R.T. -0.05 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

Instrument :

BNA_M

ClientSampleId :

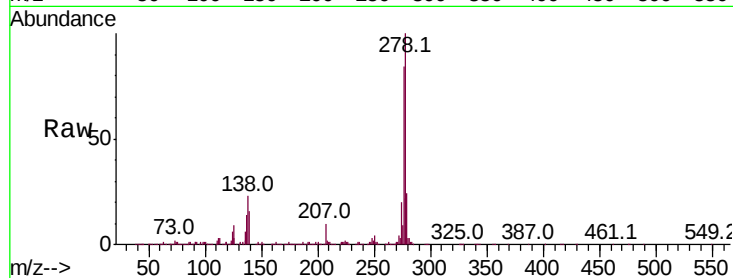
Tot Ion:278 Resp: 2900670

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.6	18.8
279	23.6	18.6	28.0

278 100

139 15.7 12.6 18.8

279 23.6 18.6 28.0

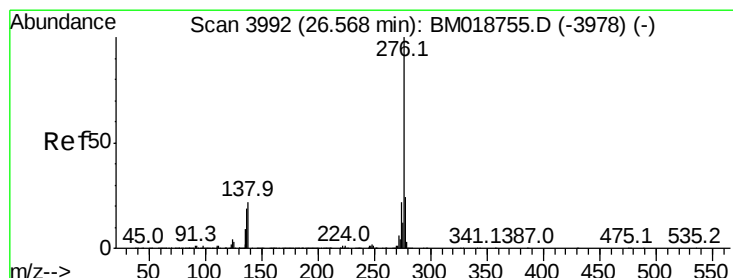
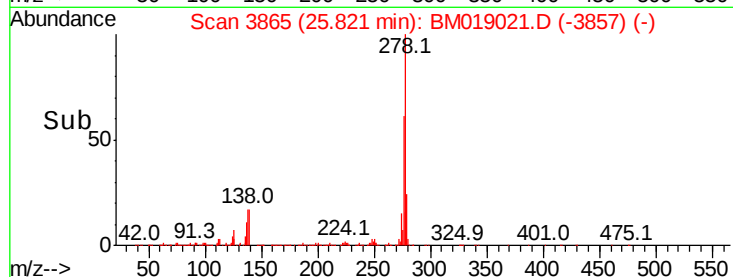
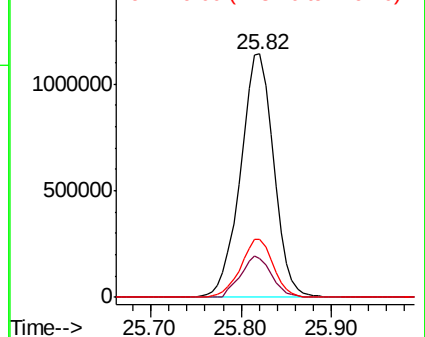


Abundance

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: 40.144 ng

RT: 26.51 min Scan# 3982

Delta R.T. -0.06 min

Lab File: BM019021.D

Acq: 04 Mar 2019 22:05

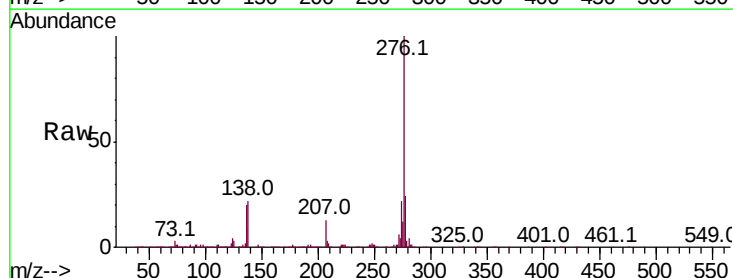
Tgt Ion:276 Resp: 2737559

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	22.0	17.3	25.9

276 100

277 24.0 19.2 28.8

138 22.0 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

