

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019015.D
 Acq On : 04 Mar 2019 18:29
 Operator : JU/SJ
 Sample : K1655-07MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:34:03 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	265267	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1115731	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	635513	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1359651	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	1127717	20.00	ng	-0.02
87) Perylene-d12	23.53	264	998439	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	754644	46.61	ng	-0.03
7) Phenol-d6	6.86	99	672604	29.49	ng	-0.03
23) Nitrobenzene-d5	8.85	82	1706538	70.72	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1018098	111.14	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	3408105	71.19	ng	-0.04
79) Terphenyl-d14	19.72	244	4783716	87.51	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	85934	12.187	ng	98
3) Pyridine	3.64	79	227456	11.826	ng	99
4) n-Nitrosodimethylamine	3.56	42	78787	16.102	ng	95
6) Aniline	7.02	93	523929	18.749	ng	99
8) 2-Chlorophenol	7.25	128	504983	28.410	ng	98
9) Benzaldehyde	6.84	77	565100	47.672	ng	100
10) Phenol	6.88	94	320068	13.337	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	614911	33.590	ng	98
12) 1,3-Dichlorobenzene	7.56	146	588218	29.430	ng	99
13) 1,4-Dichlorobenzene	7.72	146	610628	30.009	ng	100
14) 1,2-Dichlorobenzene	8.03	146	597728	30.582	ng	99
15) Benzyl Alcohol	7.93	79	408087	22.518	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	625903	35.326	ng	97
17) 2-Methylphenol	8.13	107	361516	23.669	ng	97
18) Hexachloroethane	8.74	117	219281	29.521	ng	99
19) n-Nitroso-di-n-propylamine	8.49	70	612979	34.711	ng	98
20) 3+4-Methylphenols	8.46	107	439000	20.814	ng	99
22) Acetophenone	8.51	105	996190	32.513	ng	99
24) Nitrobenzene	8.89	77	844885	33.732	ng	99
25) Isophorone	9.41	82	1532721	39.809	ng	99
26) 2-Nitrophenol	9.59	139	331141	33.199	ng	99
27) 2,4-Dimethylphenol	9.65	122	501059	34.393	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	902427	36.246	ng	99
29) 2,4-Dichlorophenol	10.12	162	553044	33.061	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	603215	31.225	ng	98
31) Naphthalene	10.52	128	1924500	35.367	ng	99
32) Benzoic acid	9.76	122	93747	7.377	ng	97
33) 4-Chloroaniline	10.65	127	294565	12.110	ng	99
34) Hexachlorobutadiene	10.78	225	320691	28.599	ng	99
35) Caprolactam	11.47	113	23002	3.369	ng	88
36) 4-Chloro-3-methylphenol	11.77	107	598022	29.651	ng	97
37) 2-Methylnaphthalene	12.13	142	1463368	38.196	ng	99
38) 1-Methylnaphthalene	12.36	142	1394429	37.221	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	689061	33.895	ng	99

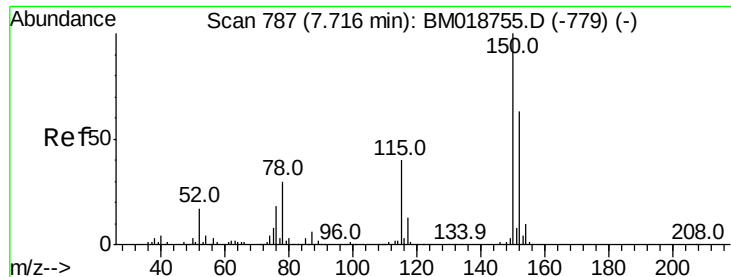
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	745045	71.681	ng	100
43) 2,4,6-Trichlorophenol	12.76	196	477315	35.467	ng	100
44) 2,4,5-Trichlorophenol	12.83	196	496816	35.220	ng	99
46) 1,1'-Biphenyl	13.16	154	1883259	34.427	ng	99
47) 2-Chloronaphthalene	13.20	162	1458281	34.514	ng	99
48) 2-Nitroaniline	13.43	65	508488	36.236	ng	98
49) Acenaphthylene	14.06	152	2403302	38.200	ng	100
50) Dimethylphthalate	13.80	163	2420741	45.706	ng	99
51) 2,6-Dinitrotoluene	13.93	165	420102	36.616	ng	98
52) Acenaphthene	14.40	154	1385423	35.913	ng	100
53) 3-Nitroaniline	14.26	138	231599	17.866	ng	95
54) 2,4-Dinitrophenol	14.47	184	462106	64.666	ng	98
55) Dibenzofuran	14.73	168	2257115	35.597	ng	99
56) 4-Nitrophenol	14.57	139	203134	19.630	ng	96
57) 2,4-Dinitrotoluene	14.72	165	586070	37.075	ng	98
58) Fluorene	15.39	166	1851985	38.178	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	452160	36.265	ng	100
60) Diethylphthalate	15.17	149	1948300	35.661	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	909707	33.447	ng	99
62) 4-Nitroaniline	15.43	138	387022	30.453	ng	96
63) Azobenzene	15.67	77	2075446	35.430	ng	100
65) 4,6-Dinitro-2-methylphenol	15.48	198	303069	31.747	ng	99
66) n-Nitrosodiphenylamine	15.60	169	1553203	36.157	ng	100
67) 4-Bromophenyl-phenylether	16.28	248	544800	35.797	ng	98
68) Hexachlorobenzene	16.38	284	634792	35.885	ng	98
69) Atrazine	16.56	200	508558	36.722	ng	99
70) Pentachlorophenol	16.73	266	733190	64.371	ng	99
71) Phenanthrene	17.13	178	2798120	38.294	ng	100
72) Anthracene	17.22	178	2859833	40.211	ng	100
73) Carbazole	17.50	167	2569760	34.584	ng	99
74) Di-n-butylphthalate	18.05	149	3376987	39.518	ng	100
75) Fluoranthene	19.15	202	3041787	36.038	ng	98
77) Benzidine	19.35	184	300894	11.847	ng	99
78) Pyrene	19.52	202	3069762	46.869	ng	100
80) Butylbenzylphthalate	20.42	149	1439949	48.240	ng	99
81) Benzo(a)anthracene	21.27	228	2591659	39.425	ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	598335	23.030	ng	99
83) Chrysene	21.32	228	2396203	38.030	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	2040859	46.714	ng	100
85) Di-n-octyl phthalate	22.07	149	3171700	43.195	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	2604283	35.800	ng	100
88) Benzo(b)fluoranthene	22.85	252	2276341	39.849	ng	100
89) Benzo(k)fluoranthene	22.90	252	2261141	39.759	ng	99
90) Benzo(a)pyrene	23.43	252	2154219	39.808	ng	99
91) Dibenzo(a,h)anthracene	25.81	278	2226321	41.525	ng	99
92) Benzo(g,h,i)perylene	26.50	276	2117258	42.418	ng	100

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

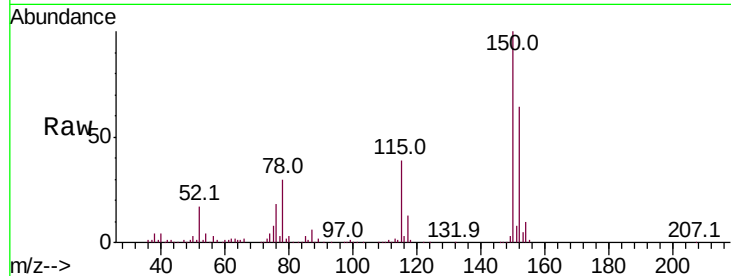


#1

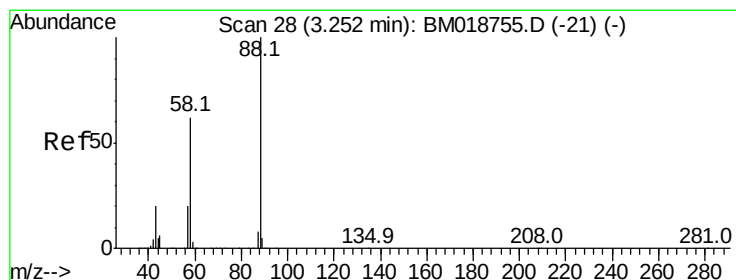
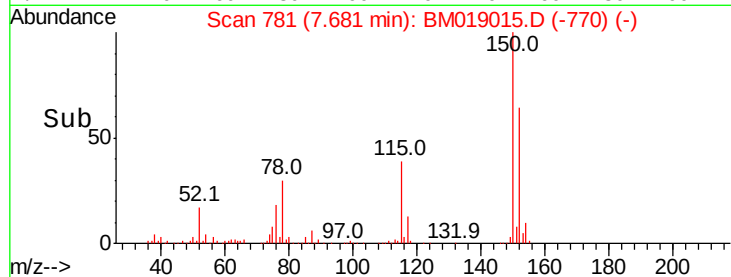
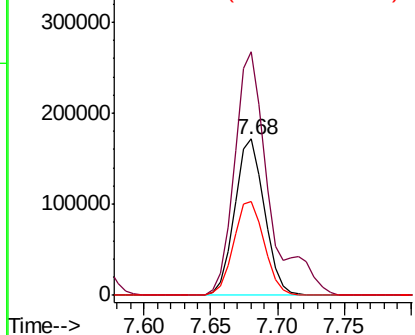
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 265267
Ion Ratio Lower Upper
152 100
150 155.6 127.3 190.9
115 60.0 50.8 76.2



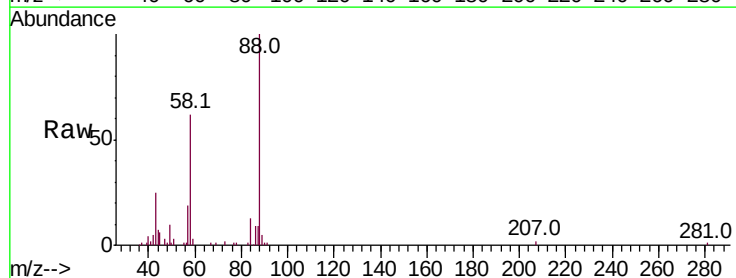
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



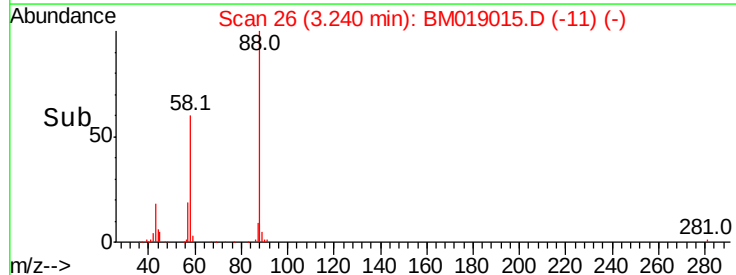
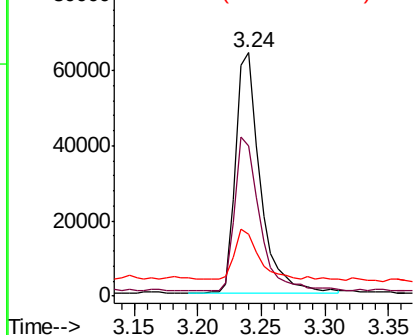
#2

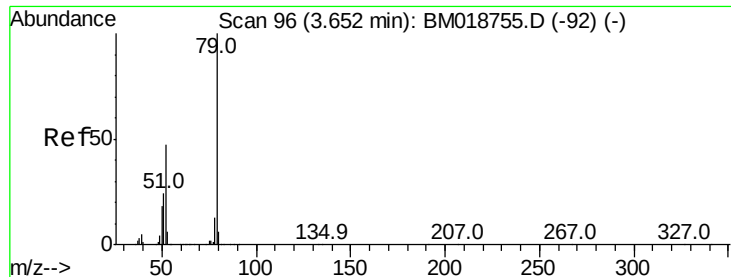
1,4-Dioxane
Concen: 12.187 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.01 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion: 88 Resp: 85934
Ion Ratio Lower Upper
88 100
58 64.2 49.8 74.6
43 20.0 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: 11.826 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

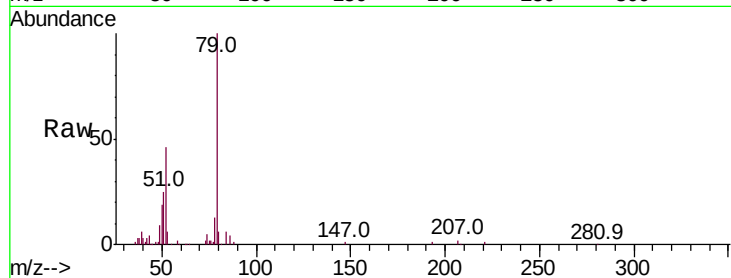
Tot Ion: 79 Resp: 227456

Ion Ratio Lower Upper

79 100

52 46.3 37.6 56.4

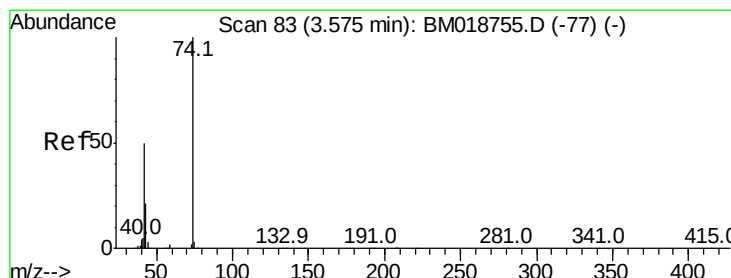
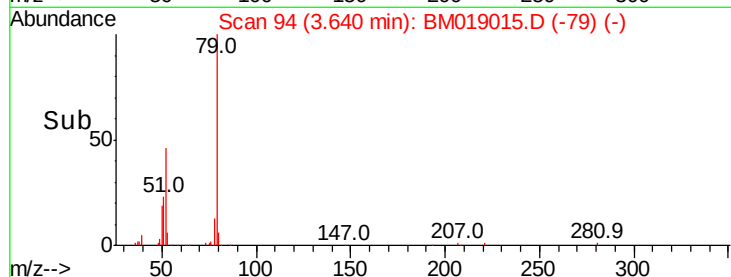
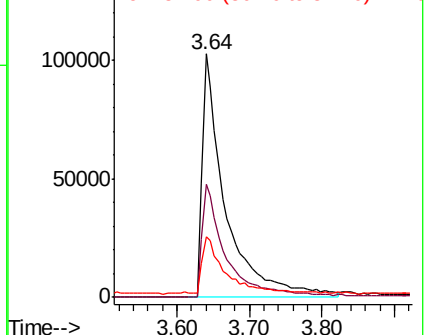
51 24.8 19.7 29.5



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

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

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



#4

n-Nitrosodimethylamine

Concen: 16.102 ng

RT: 3.56 min Scan# 80

Delta R.T. -0.02 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

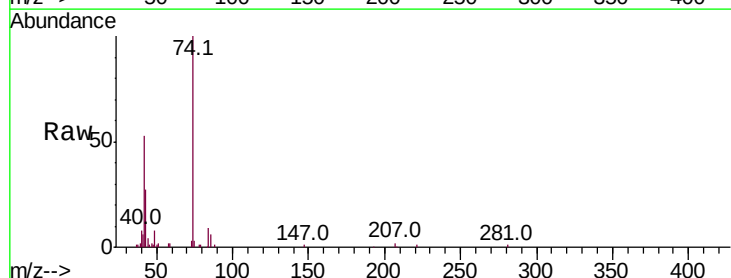
Tgt Ion: 42 Resp: 78787

Ion Ratio Lower Upper

42 100

74 189.4 158.1 237.1

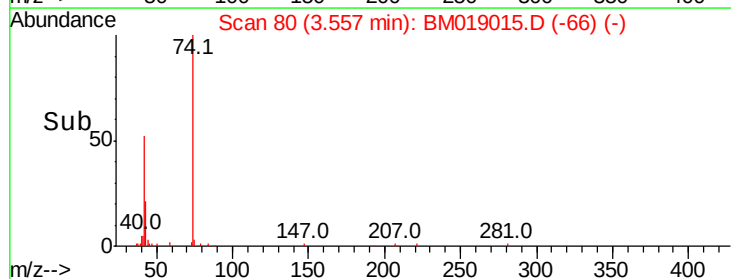
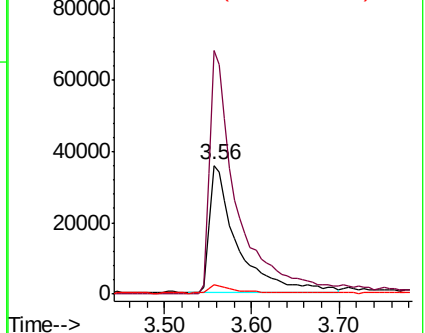
44 7.3 4.9 7.3

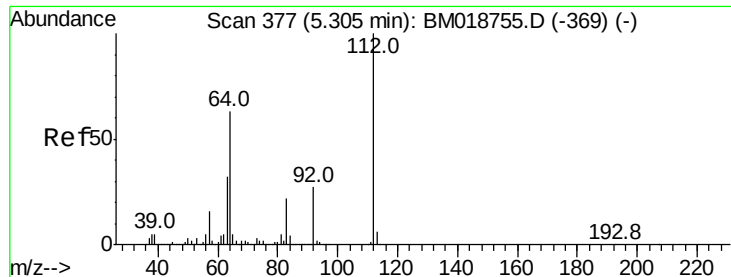


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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

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





#5

2-Fluorophenol

Concen: 46.612 ng

RT: 5.27 min Scan# 372

Delta R.T. -0.03 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

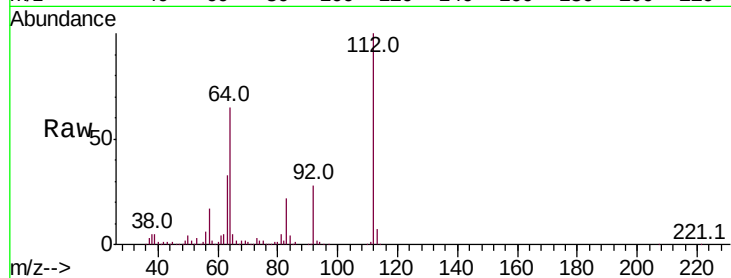
Tot Ion:112 Resp: 754644

Ion Ratio Lower Upper

112 100

64 64.8 50.6 75.8

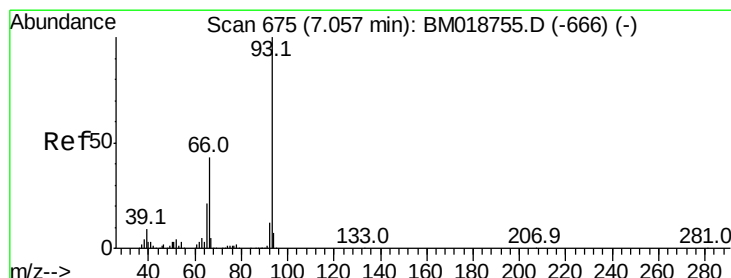
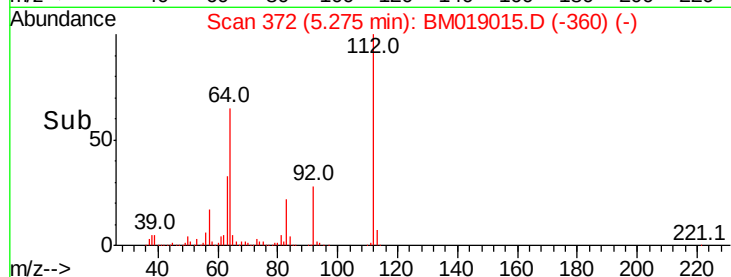
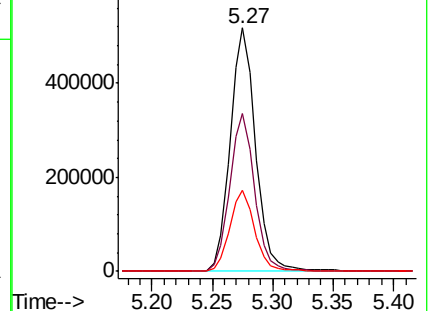
63 33.5 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 18.749 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.04 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

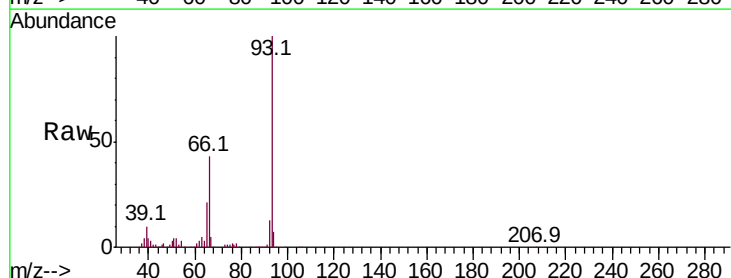
Tgt Ion: 93 Resp: 523929

Ion Ratio Lower Upper

93 100

66 43.2 34.1 51.1

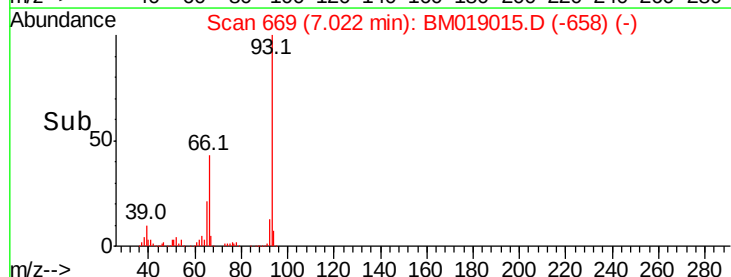
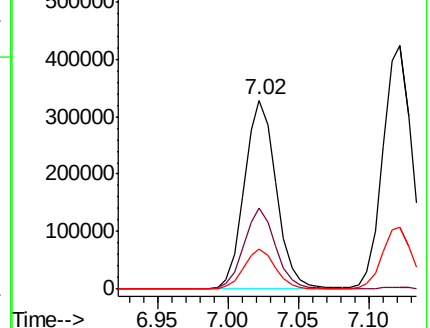
65 20.9 16.6 24.8

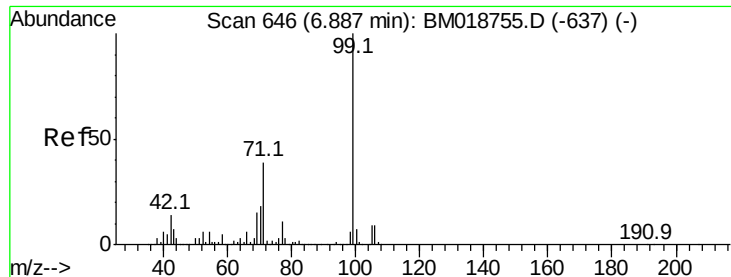


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 29.490 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.03 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampled :

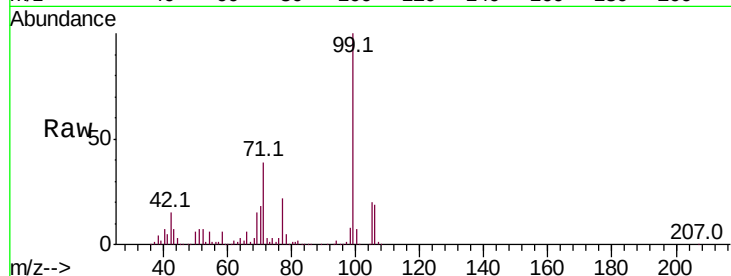
Tot Ion: 99 Resp: 672604

Ion Ratio Lower Upper

99 100

42 14.5 11.0 16.6

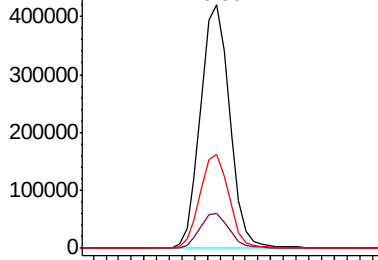
71 38.6 31.3 46.9



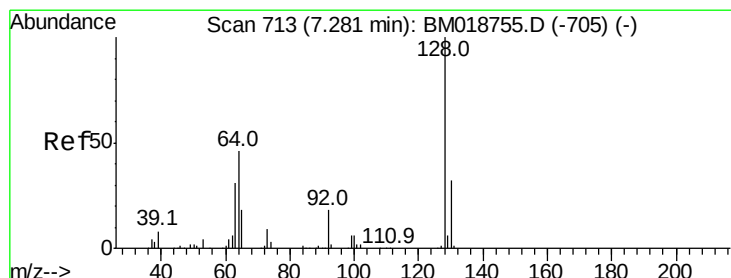
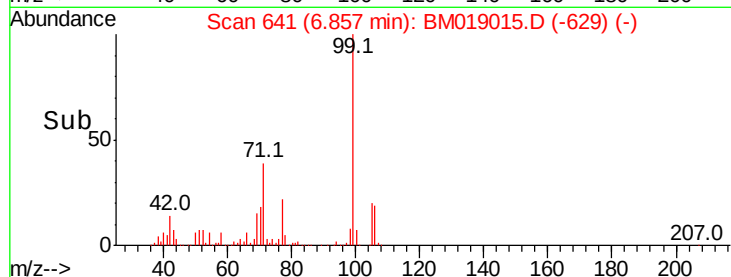
Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

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

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



Time-->



#8

2-Chlorophenol

Concen: 28.410 ng

RT: 7.25 min Scan# 707

Delta R.T. -0.04 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

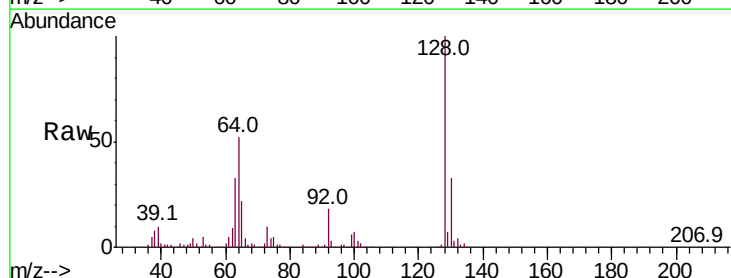
Tgt Ion: 128 Resp: 504983

Ion Ratio Lower Upper

128 100

130 33.5 11.7 51.7

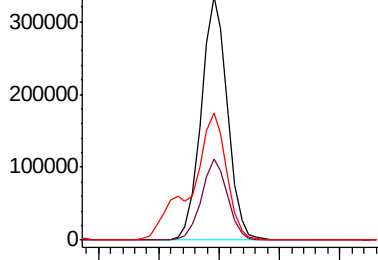
64 52.3 31.0 71.0



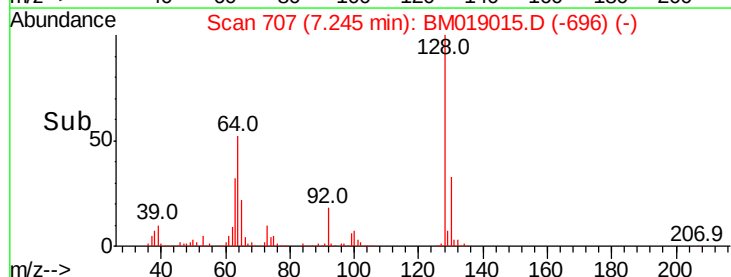
Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

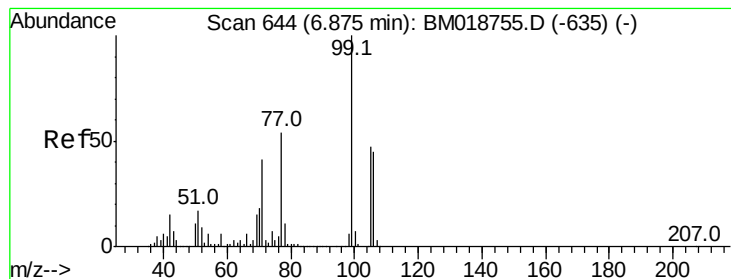
Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

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



Time-->





#9

Benzaldehyde

Concen: 47.672 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

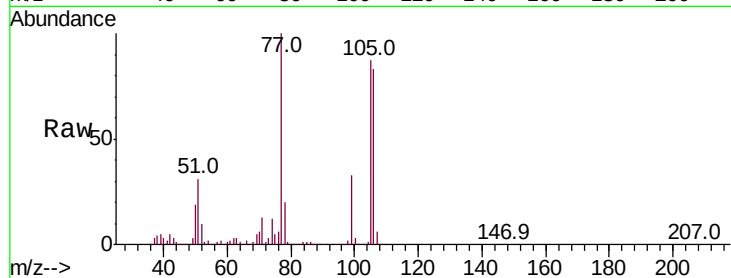
Tot Ion: 77 Resp: 565100

Ion Ratio Lower Upper

77 100

105 86.7 67.3 107.3

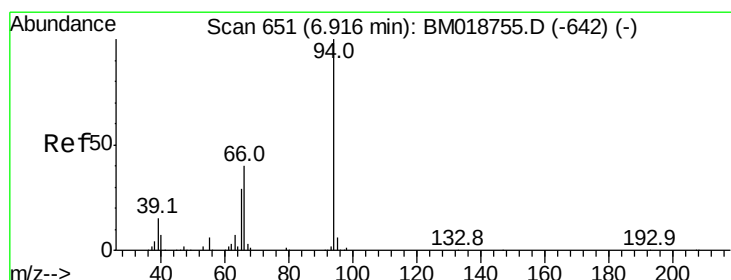
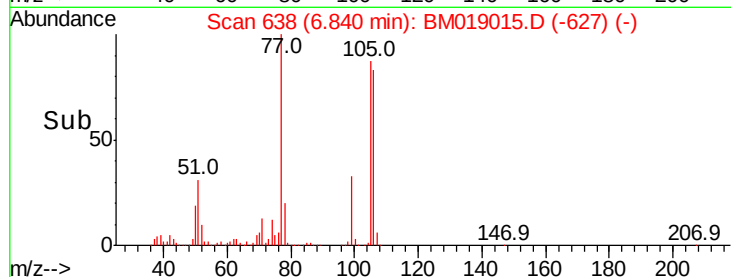
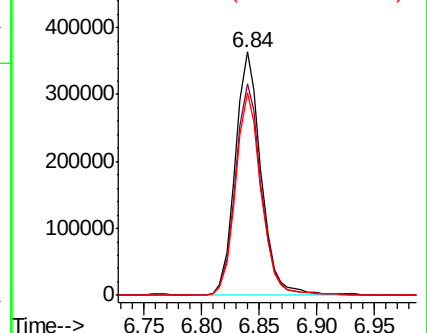
106 83.1 62.9 102.9



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: 13.337 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.04 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

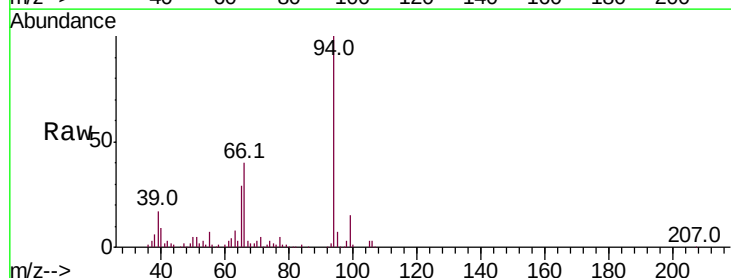
Tgt Ion: 94 Resp: 320068

Ion Ratio Lower Upper

94 100

65 29.2 9.6 49.6

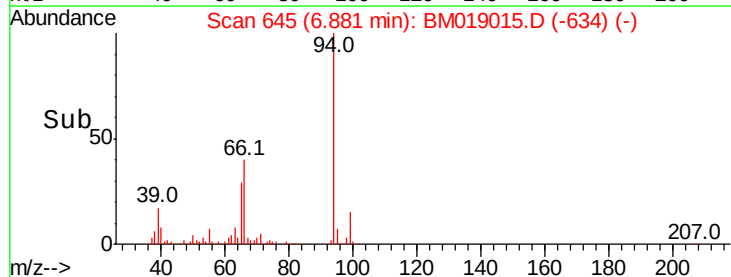
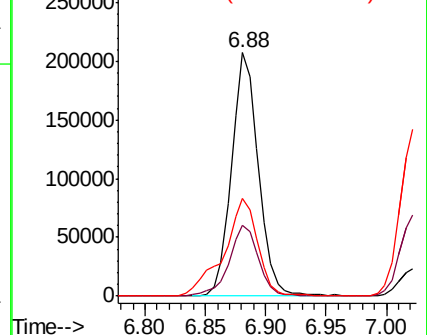
66 40.1 20.4 60.4

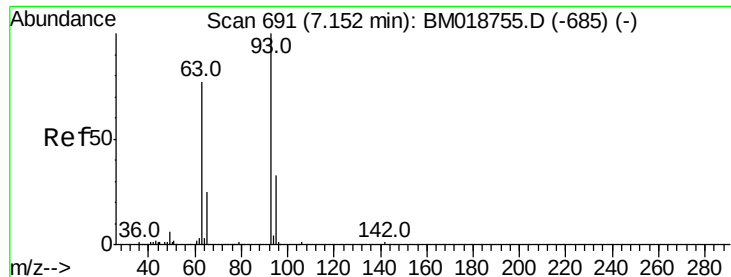


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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

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

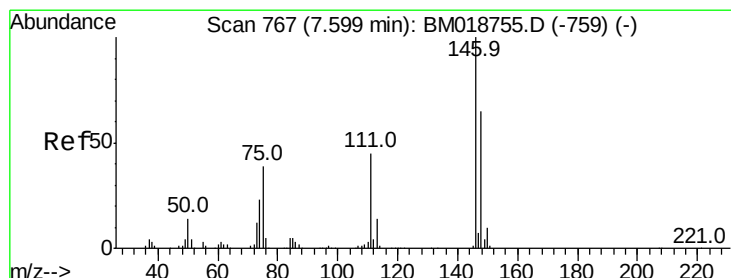
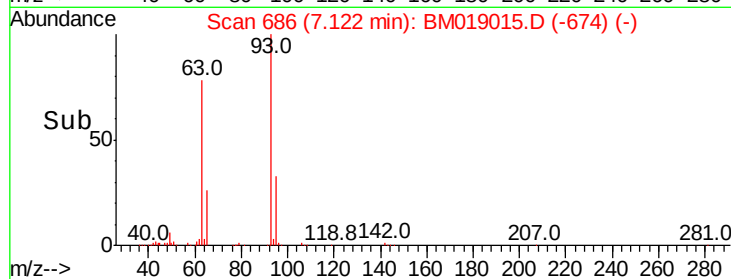
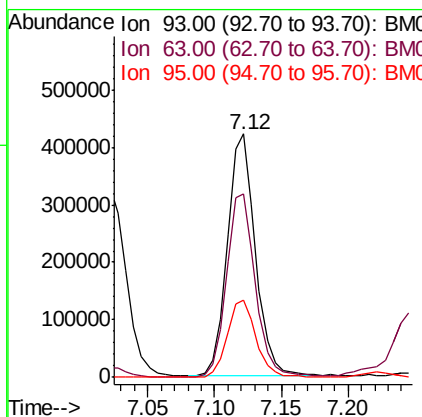
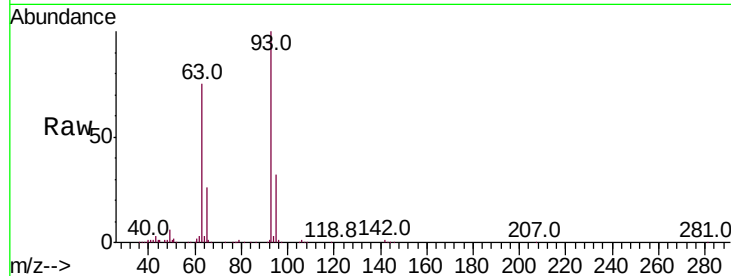




#11
bis(2-Chloroethyl)ether
Concen: 33.590 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

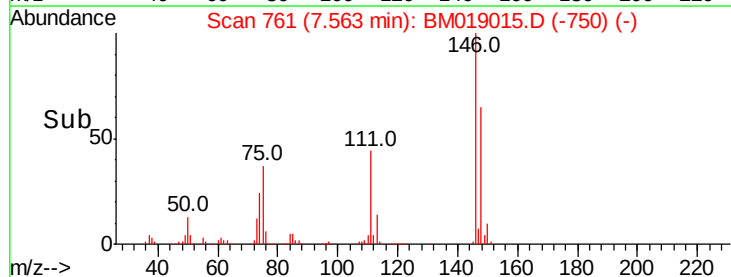
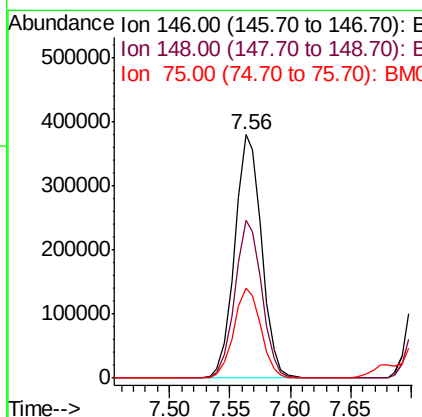
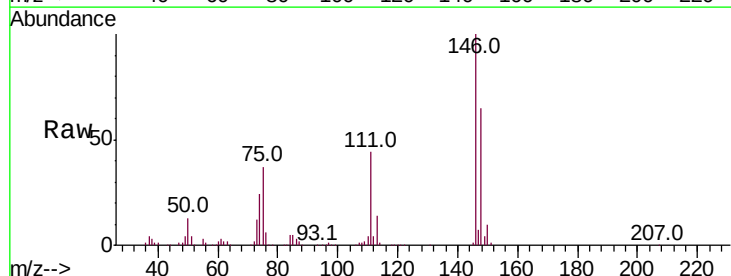
Instrument :
BNA_M
ClientSampleId :

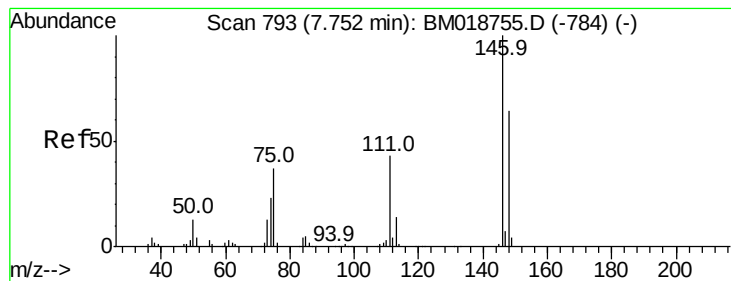
Tot Ion: 93 Resp: 614911
Ion Ratio Lower Upper
93 100
63 75.3 57.0 97.0
95 31.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 29.430 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.04 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion: 146 Resp: 588218
Ion Ratio Lower Upper
146 100
148 64.8 51.7 77.5
75 37.1 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 30.009 ng

RT: 7.72 min Scan# 787

Delta R.T. -0.04 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampled :

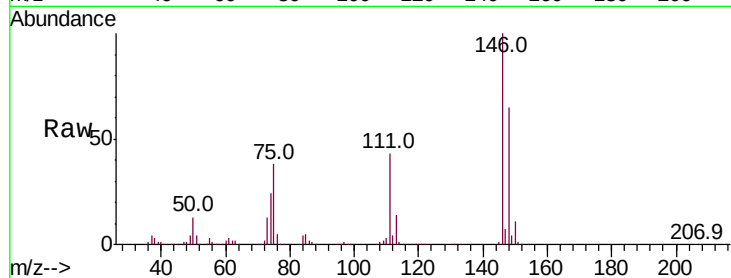
Tot Ion:146 Resp: 610628

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

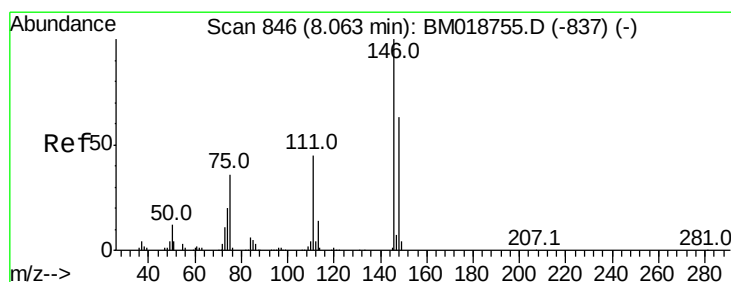
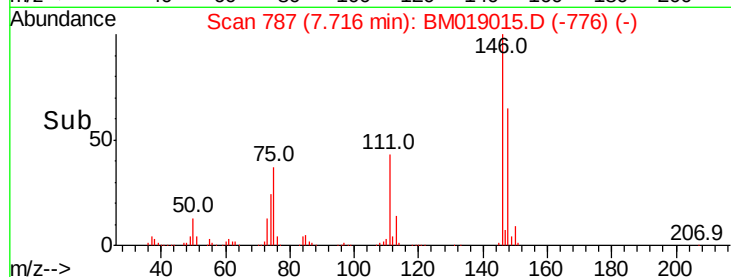
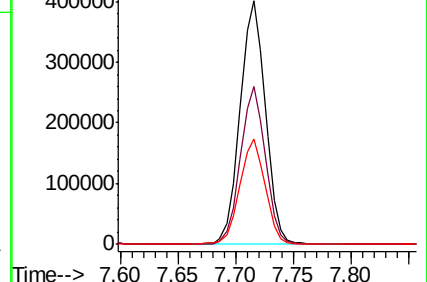
111 43.1 34.6 52.0



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: 30.582 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.04 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

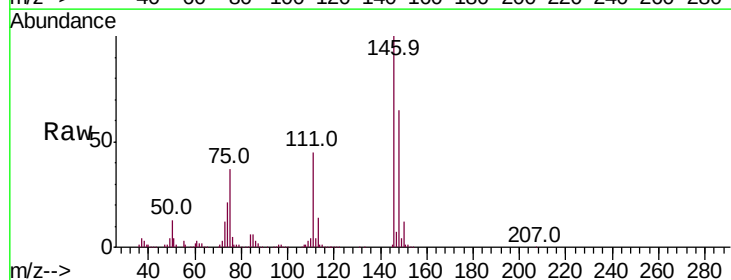
Tgt Ion:146 Resp: 597728

Ion Ratio Lower Upper

146 100

148 64.9 50.7 76.1

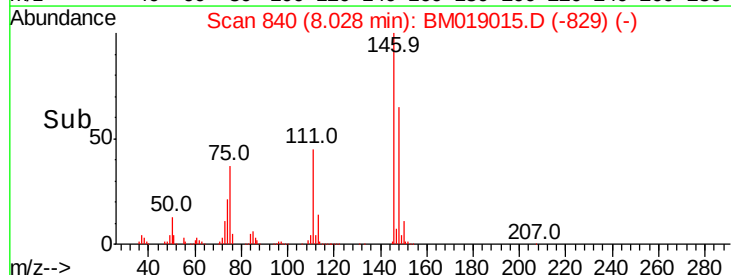
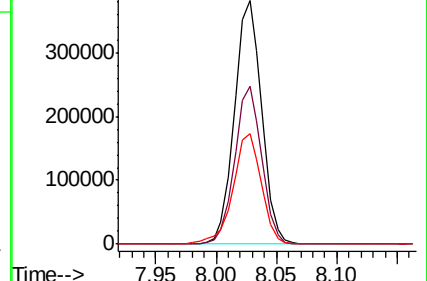
111 45.1 35.9 53.9

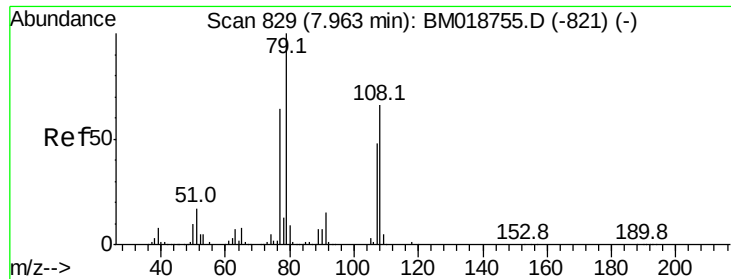


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

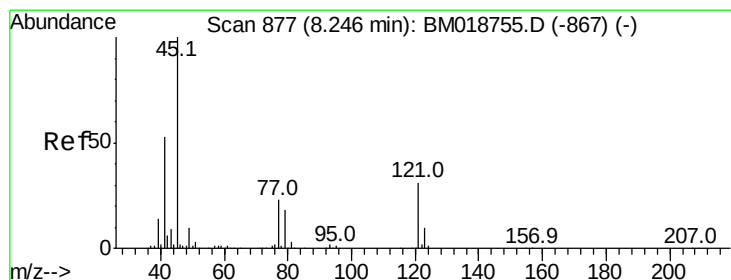
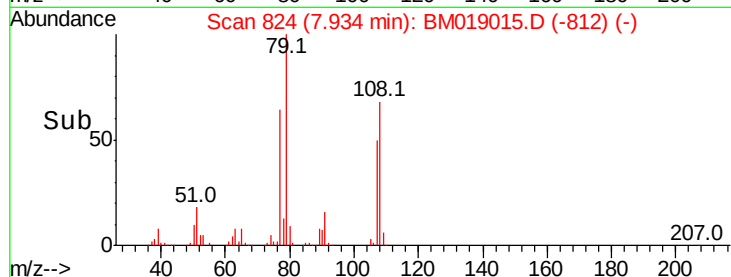
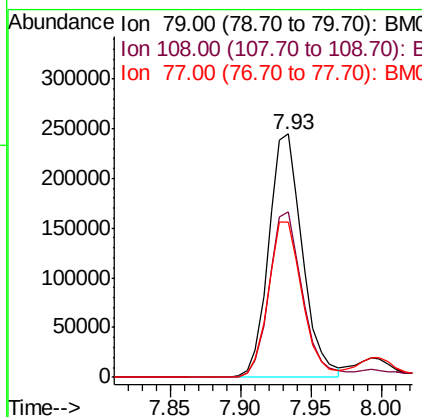
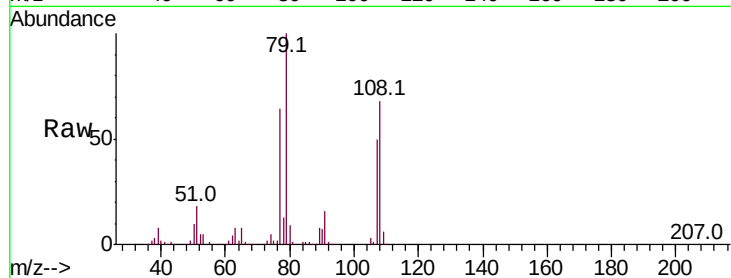




#15
Benzyl Alcohol
Concen: 22.518 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

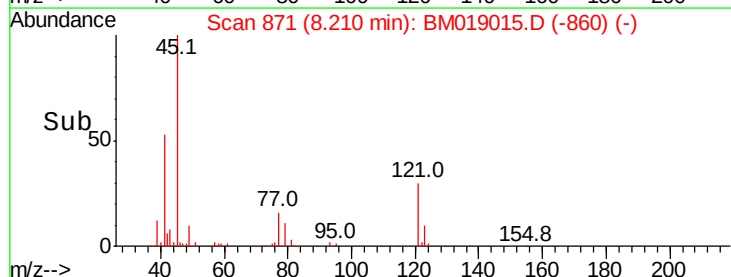
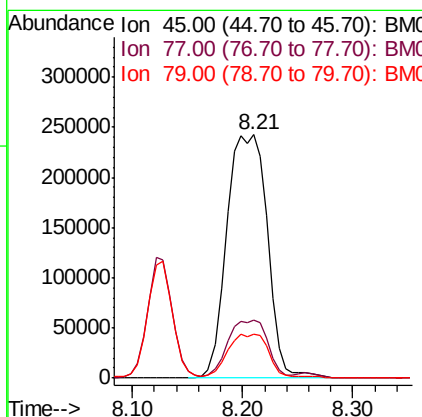
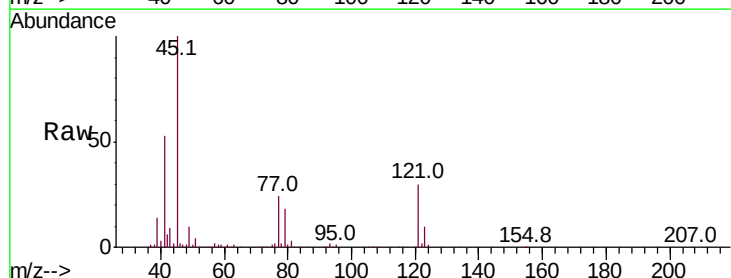
Instrument :
BNA_M
ClientSampled :

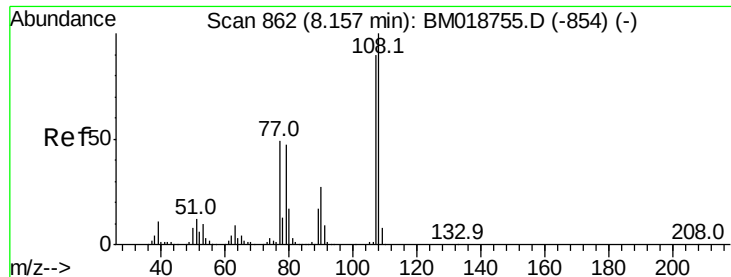
Tot Ion: 79 Resp: 408087
Ion Ratio Lower Upper
79 100
108 68.1 52.7 79.1
77 63.9 51.0 76.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.326 ng
RT: 8.21 min Scan# 871
Delta R.T. -0.04 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion: 45 Resp: 625903
Ion Ratio Lower Upper
45 100
77 23.7 5.0 45.0
79 18.0 0.0 39.3

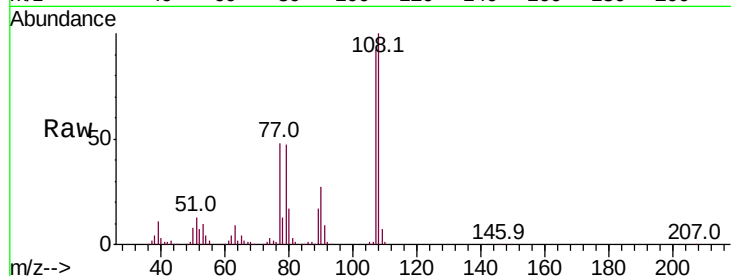




#17
2-Methylphenol
Concen: 23.669 ng
RT: 8.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.8	88.8	133.2
77	52.2	44.0	66.0
79	51.4	42.4	63.6



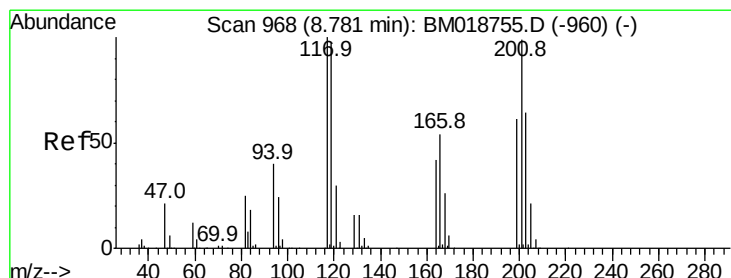
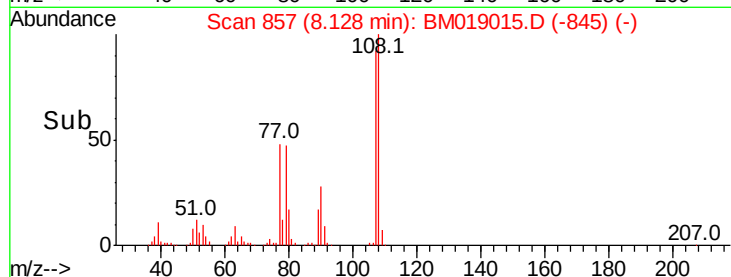
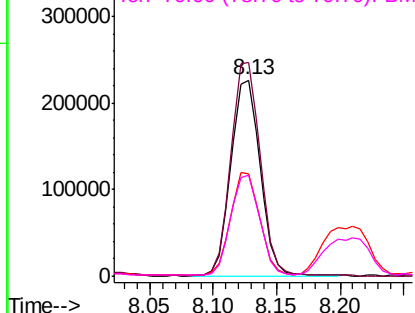
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

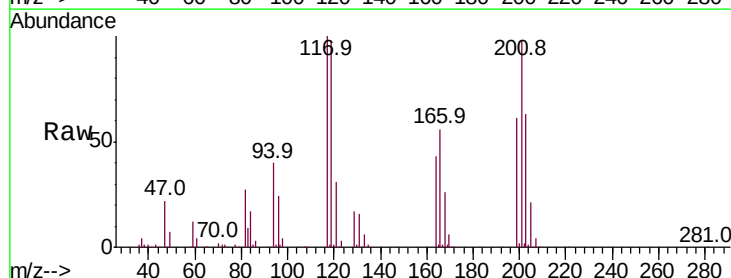
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 29.521 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.9	116.9
201	97.7	79.2	118.8

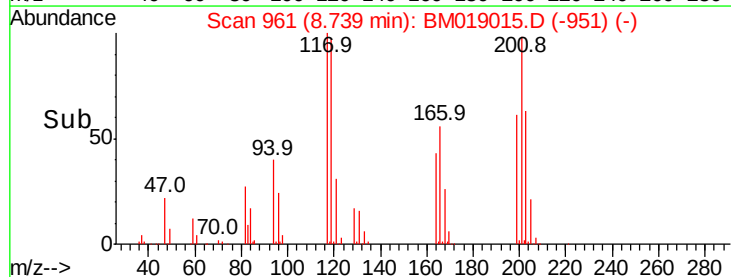
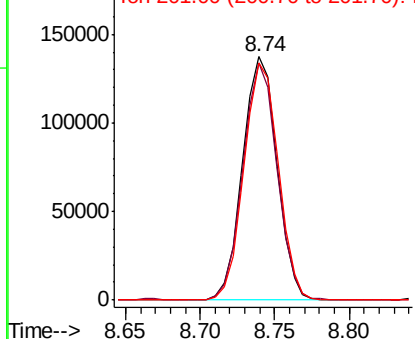


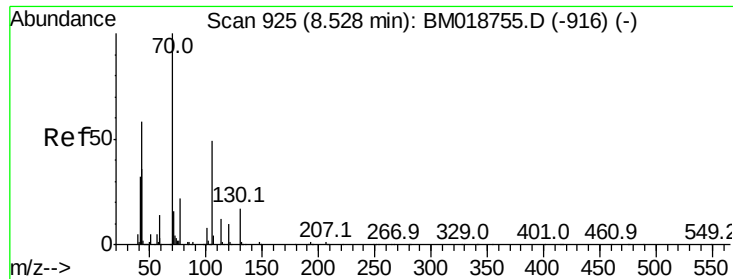
Abundance

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

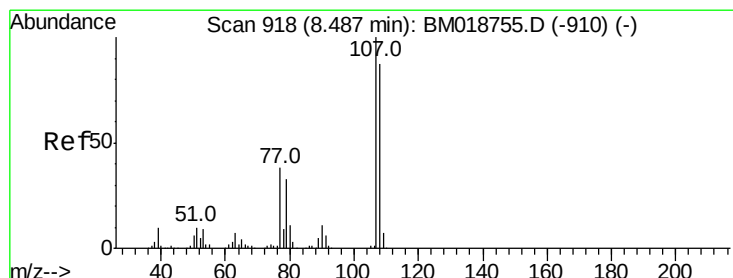
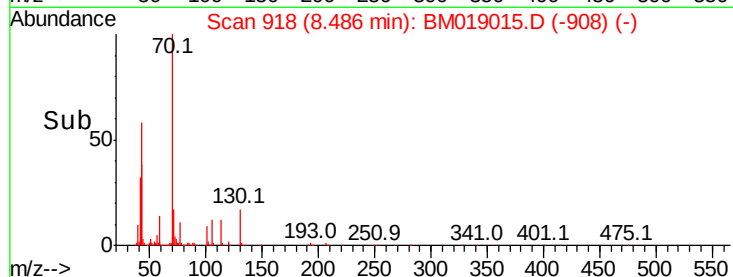
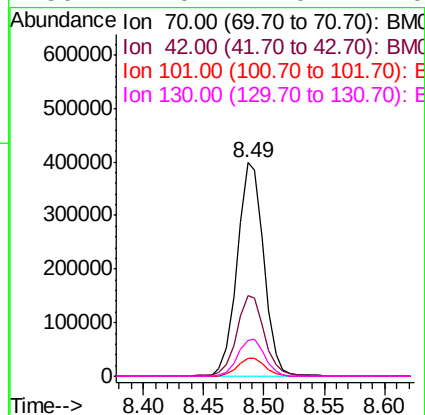
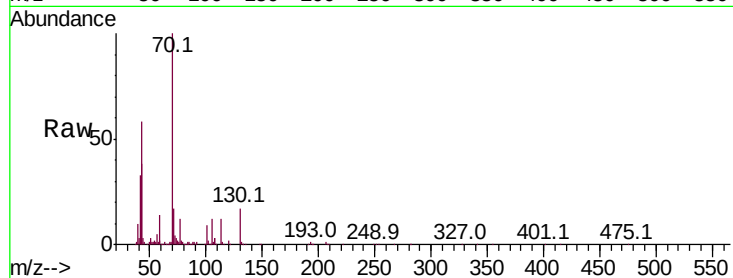




#19
n-Nitroso-di-n-propylamine
Concen: 34.711 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.04 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

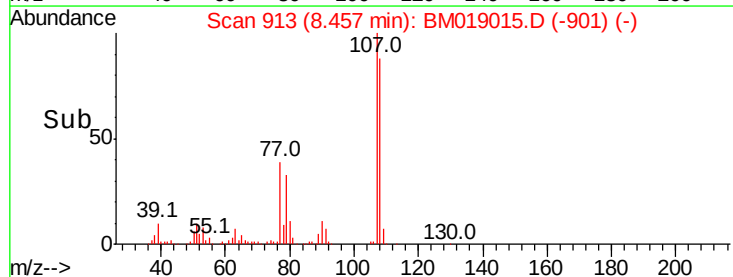
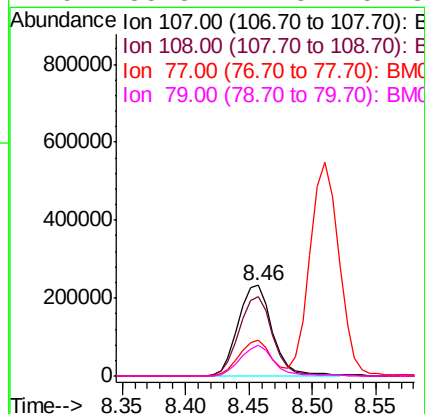
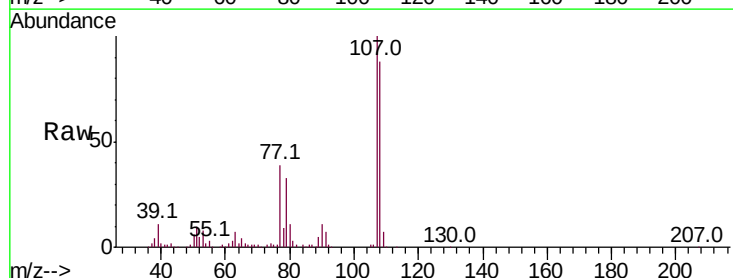
Instrument :
BNA_M
ClientSampleId :

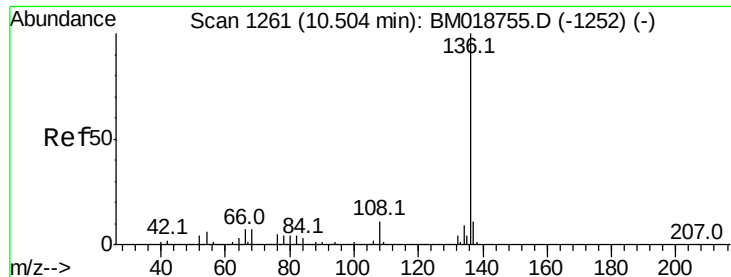
Tot Ion:	70	Resp:	612979
Ion	Ratio	Lower	Upper
70	100		
42	37.9	29.4	44.0
101	8.5	6.7	10.1
130	17.0	14.0	21.0



#20
3+4-Methylphenols
Concen: 20.814 ng
RT: 8.46 min Scan# 913
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion:	107	Resp:	439000
Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.3	107.3
77	39.0	18.0	58.0
79	33.3	12.8	52.8

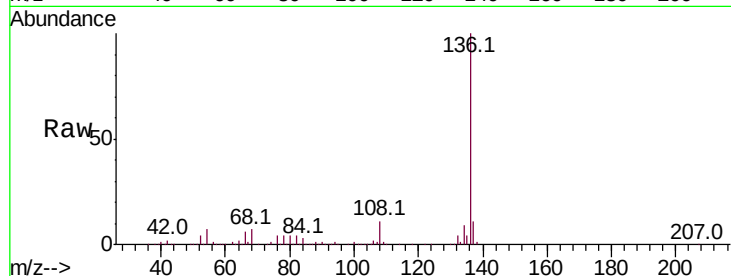




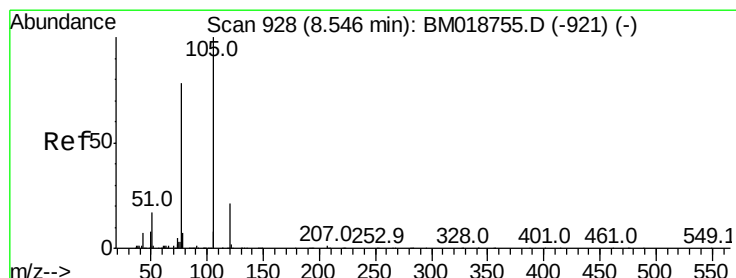
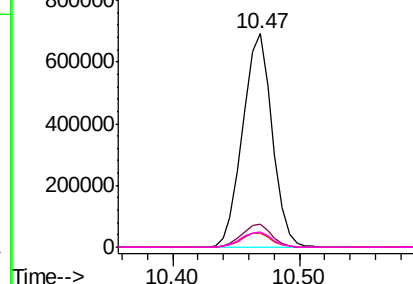
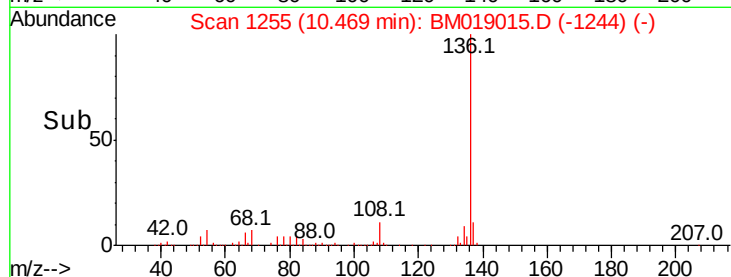
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 1115731
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 6.5	5.0 7.6
68 7.4	5.5 8.3

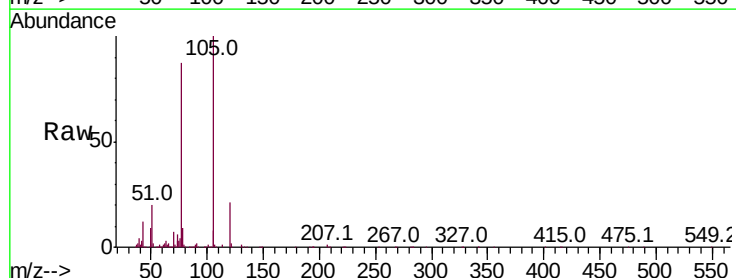


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

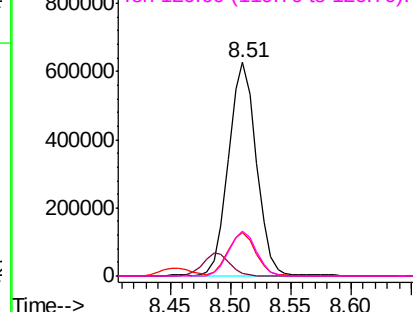
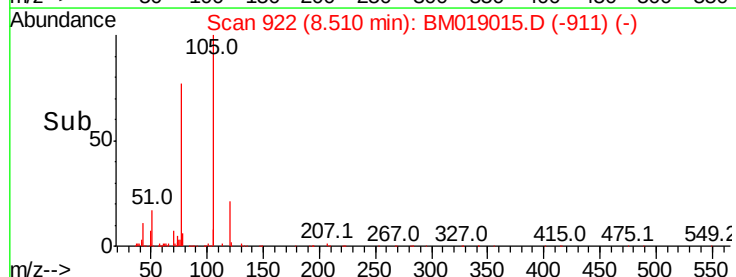


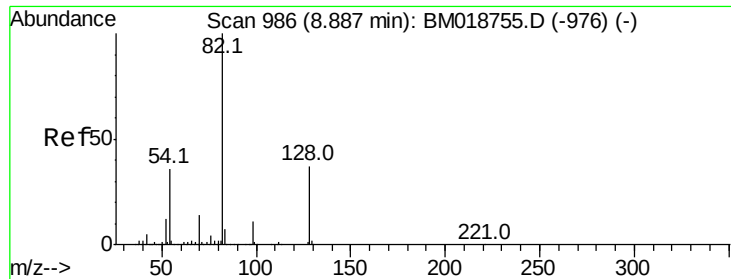
#22
Acetophenone
Concen: 32.513 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.04 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt	Ion:105	Resp:	996190
Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.1	1.7
51	20.3	15.5	23.3
120	21.0	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E



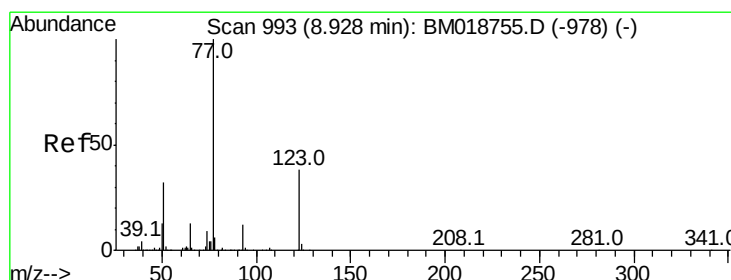
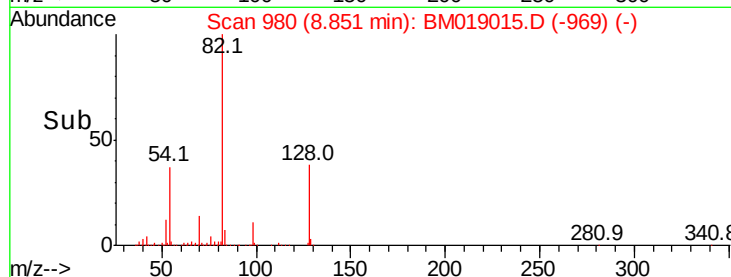
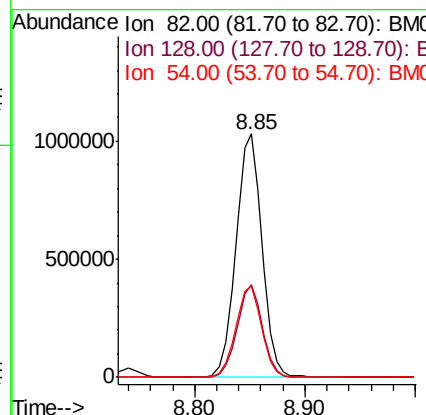
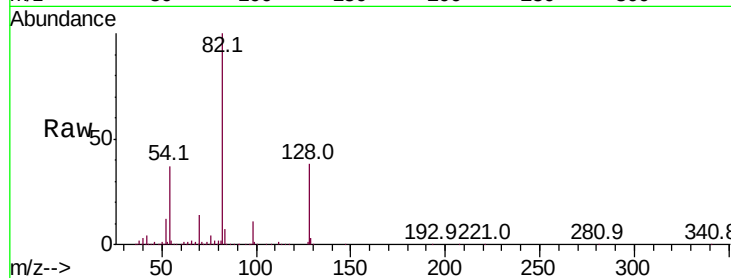


#23
 Nitrobenzene-d5
 Concen: 70.723 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.04 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1706538

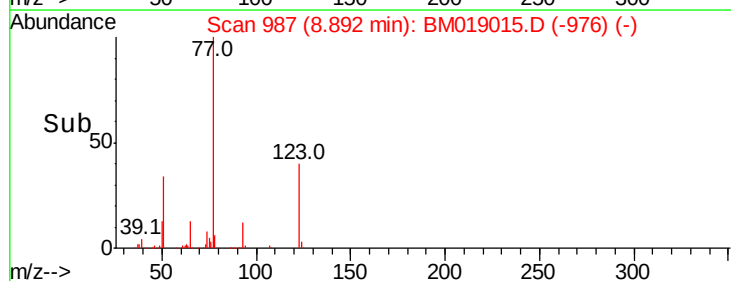
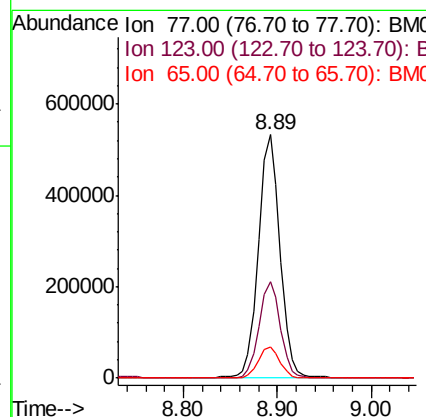
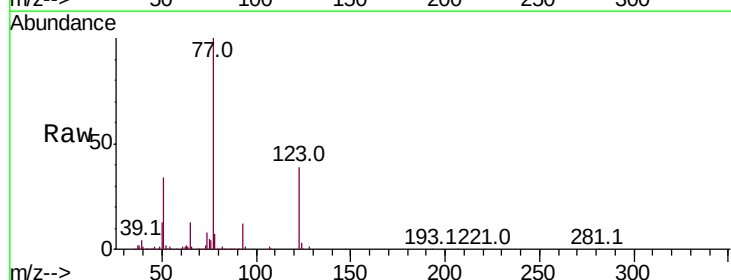
Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.9	44.9
54	37.4	29.1	43.7

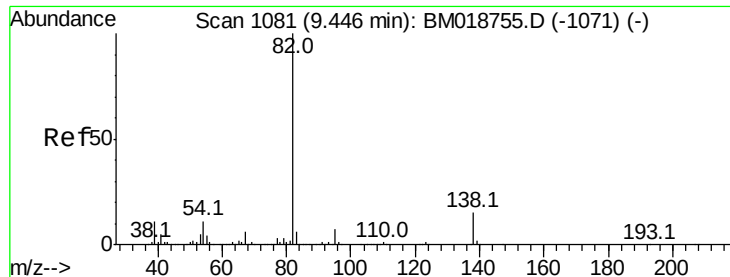


#24
 Nitrobenzene
 Concen: 33.732 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.04 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Tgt Ion: 77 Resp: 844885

Ion	Ratio	Lower	Upper
77	100		
123	39.5	30.7	46.1
65	12.9	10.5	15.7





#25

Isophorone

Concen: 39.809 ng

RT: 9.41 min Scan# 1075

Delta R.T. -0.04 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

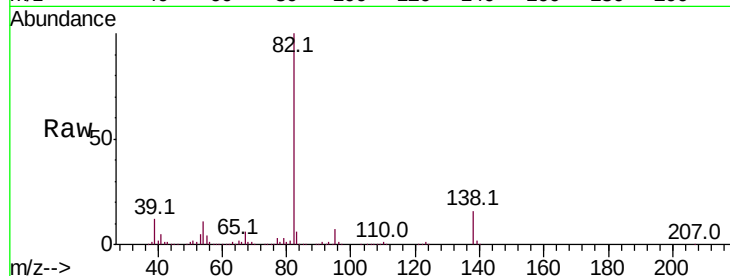
Tot Ion: 82 Resp: 1532721

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

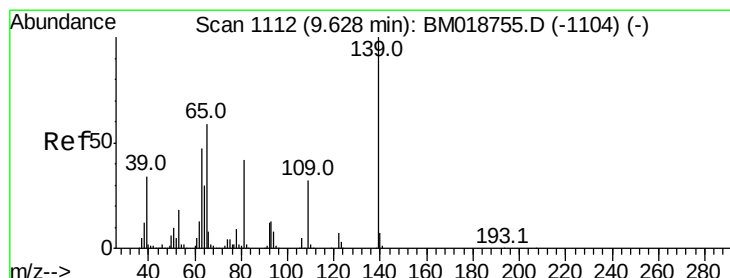
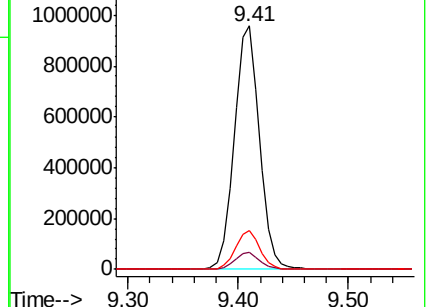
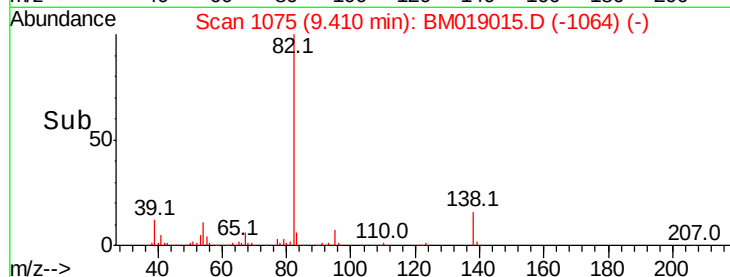
138 15.9 12.3 18.5



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: 33.199 ng

RT: 9.59 min Scan# 1106

Delta R.T. -0.04 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

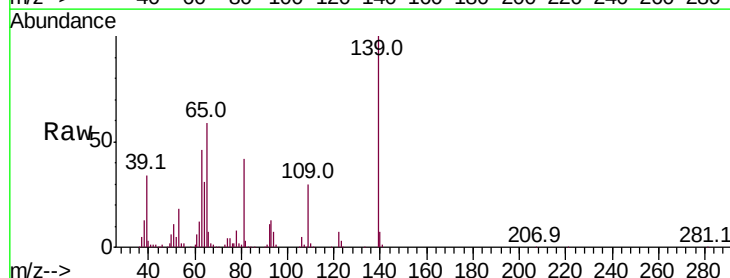
Tgt Ion: 139 Resp: 331141

Ion Ratio Lower Upper

139 100

109 29.9 25.2 37.8

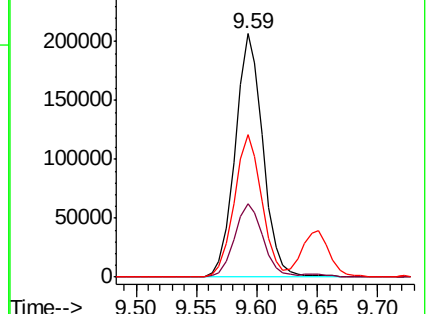
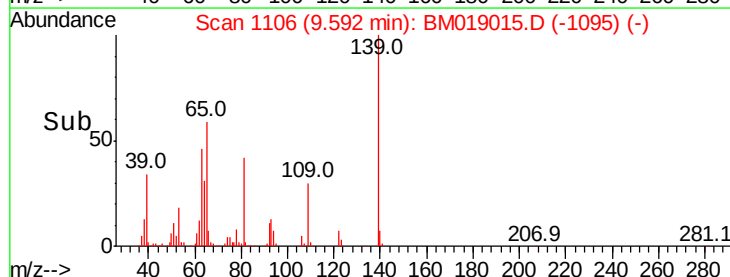
65 58.6 47.0 70.4

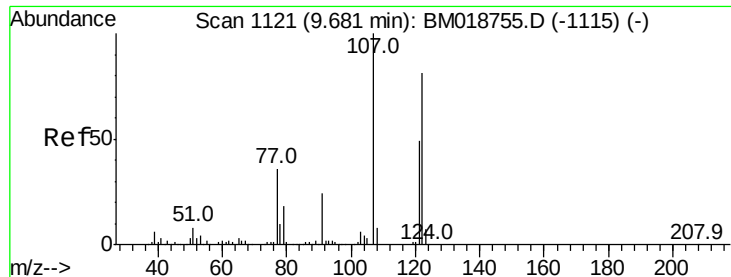


Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

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: 34.393 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampled :

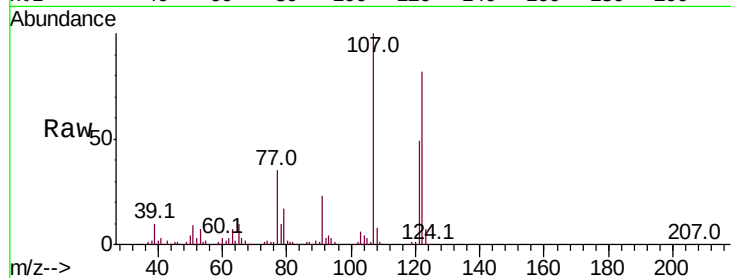
Tot Ion:122 Resp: 501059

Ion Ratio Lower Upper

122 100

107 121.6 97.6 146.4

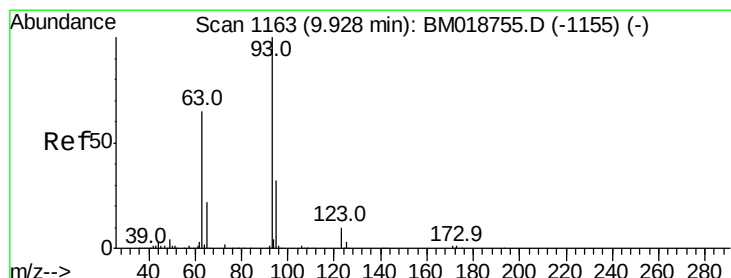
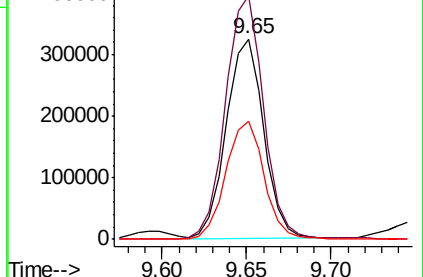
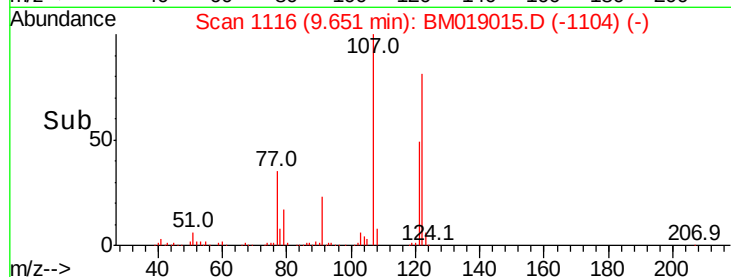
121 59.2 47.9 71.9



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: 36.246 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.04 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

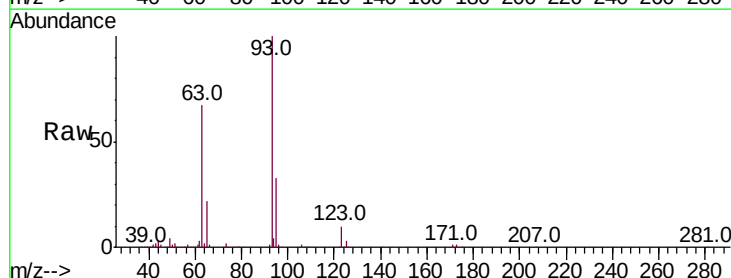
Tgt Ion: 93 Resp: 902427

Ion Ratio Lower Upper

93 100

95 32.5 25.6 38.4

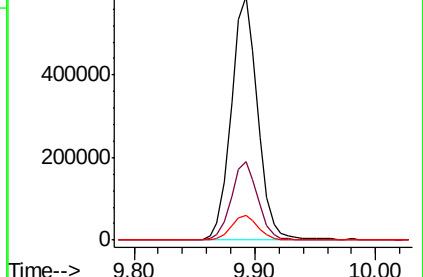
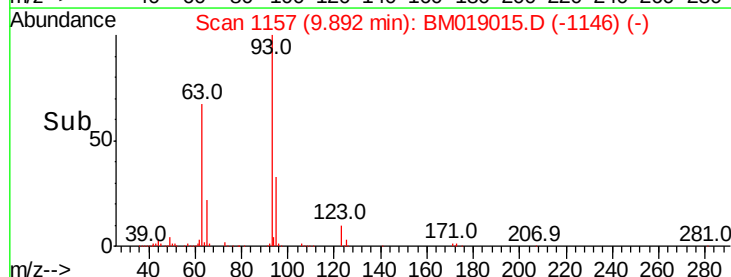
123 10.3 8.2 12.4

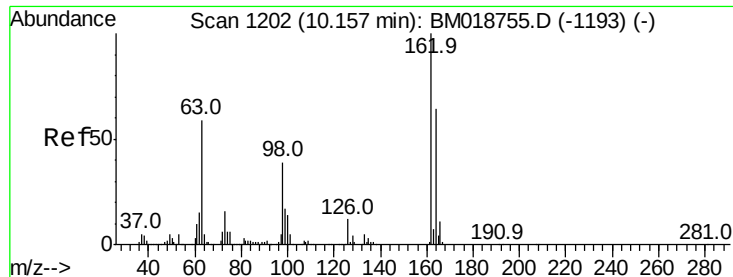


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

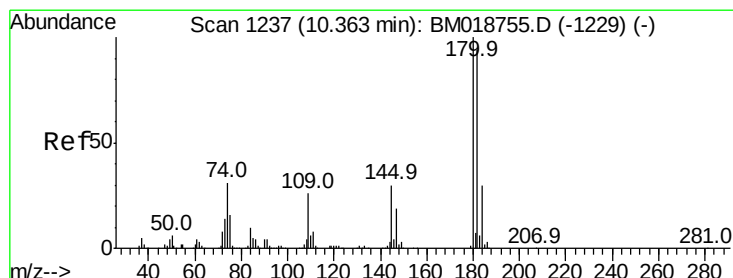
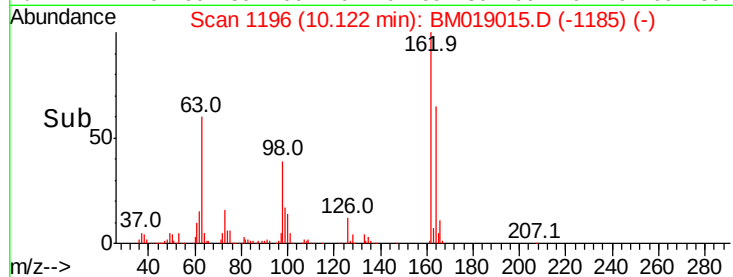
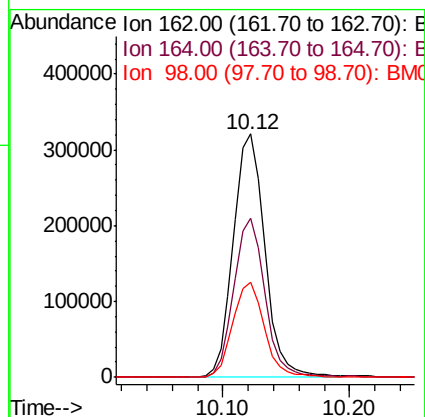
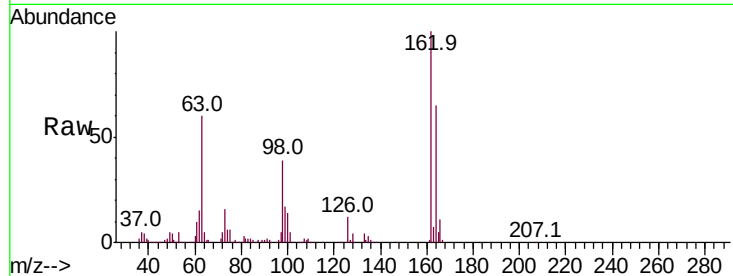




#29
 2,4-Dichlorophenol
 Concen: 33.061 ng
 RT: 10.12 min Scan# 1196
 Delta R.T. -0.04 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

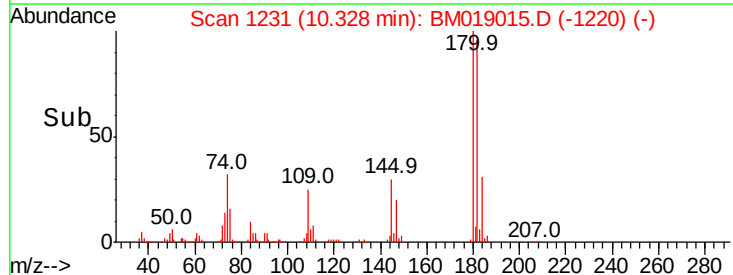
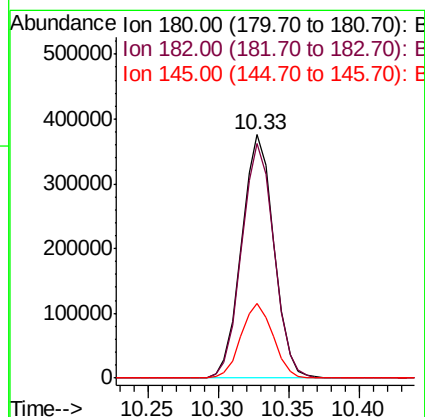
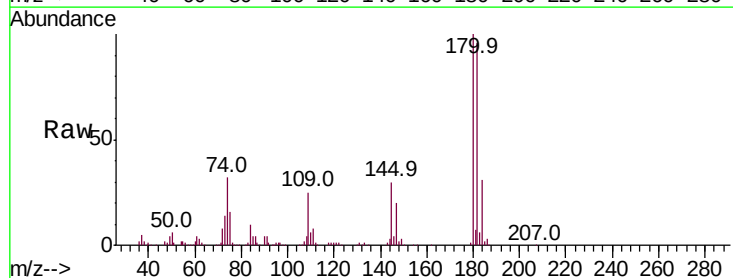
Instrument :
 BNA_M
 ClientSampleId :

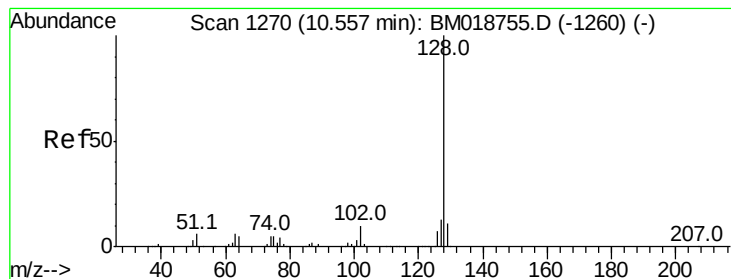
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.1	84.1
98	39.2	19.4	59.4



#30
 1,2,4-Trichlorobenzene
 Concen: 31.225 ng
 RT: 10.33 min Scan# 1231
 Delta R.T. -0.04 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.0	112.6
145	30.4	24.1	36.1





#31

Naphthalene

Concen: 35.367 ng

RT: 10.52 min Scan# 1263

Delta R.T. -0.04 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

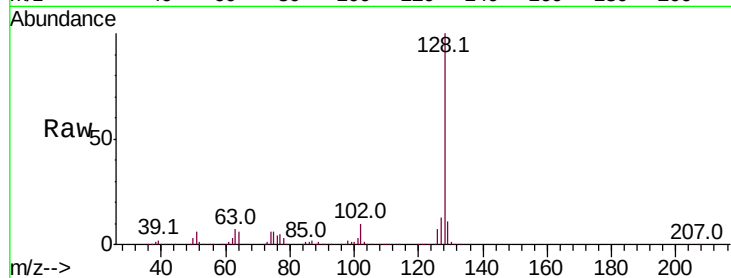
Tot Ion:128 Resp: 1924500

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

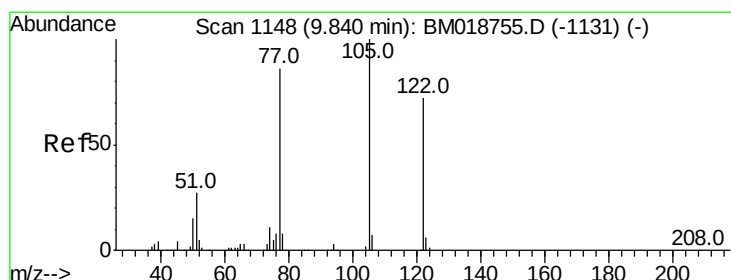
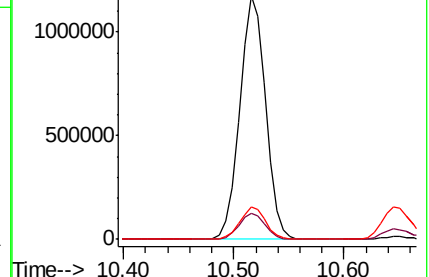
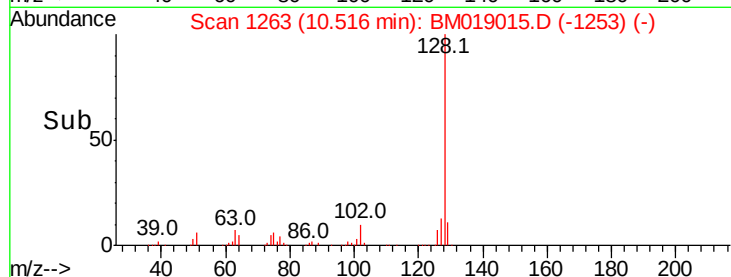
127 13.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.377 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.08 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

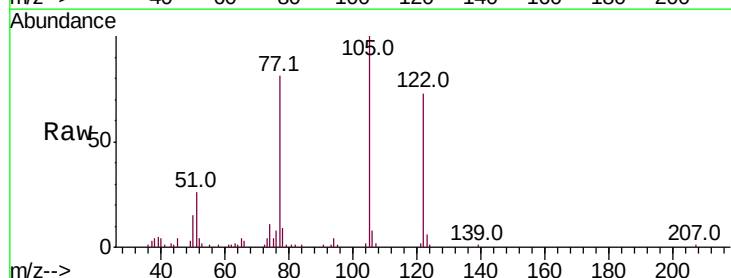
Tgt Ion:122 Resp: 93747

Ion Ratio Lower Upper

122 100

105 137.4 117.5 157.5

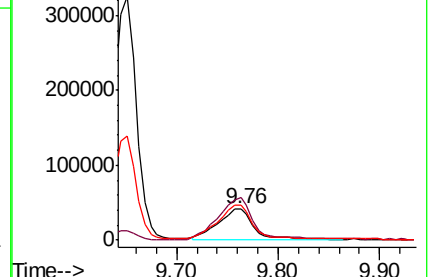
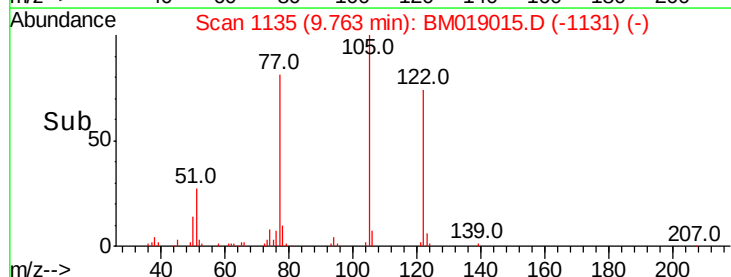
77 111.7 98.5 138.5

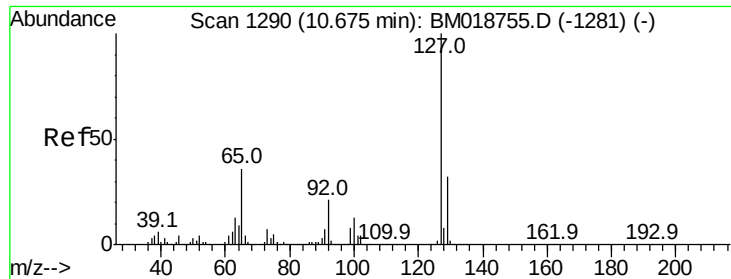


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

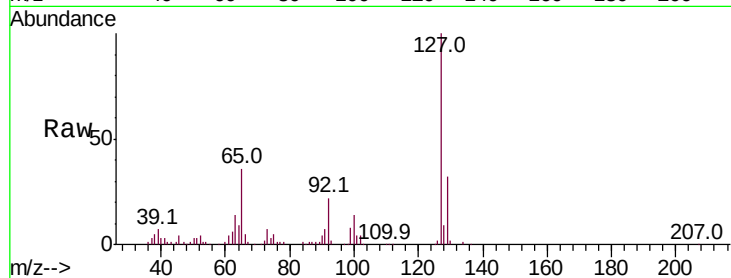




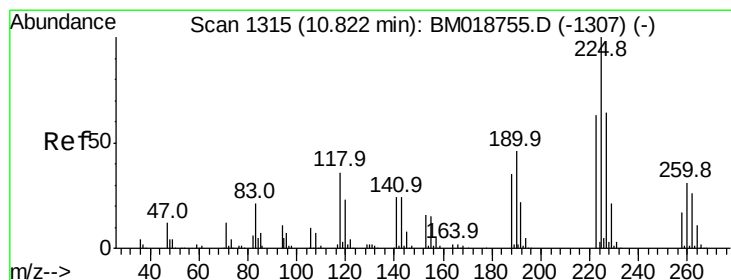
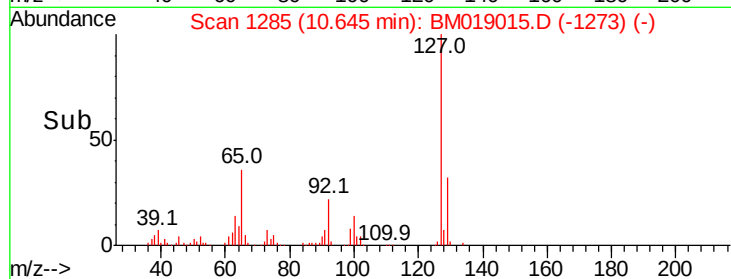
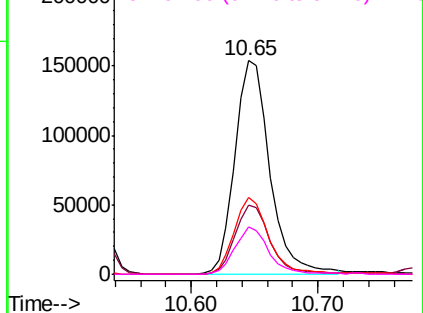
#33
4-Chloroaniline
Concen: 12.110 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	294565
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	36.0	28.7	43.1
92	22.2	17.0	25.4

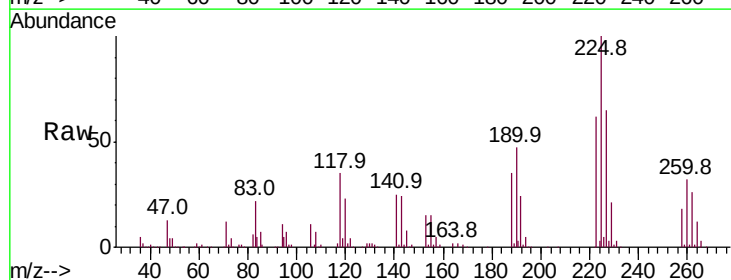


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

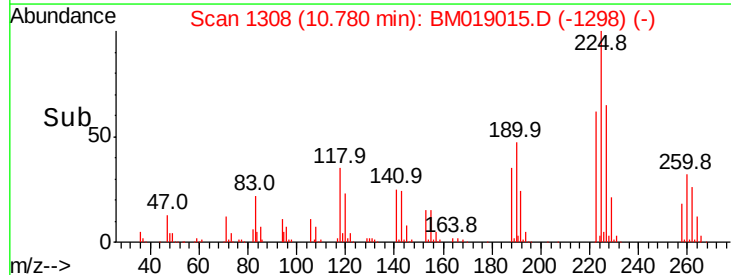
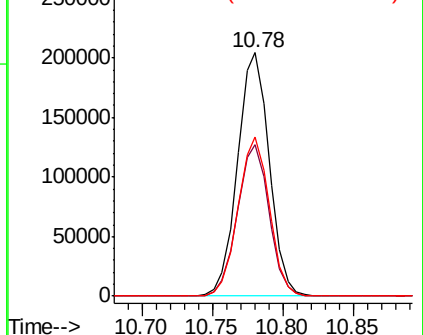


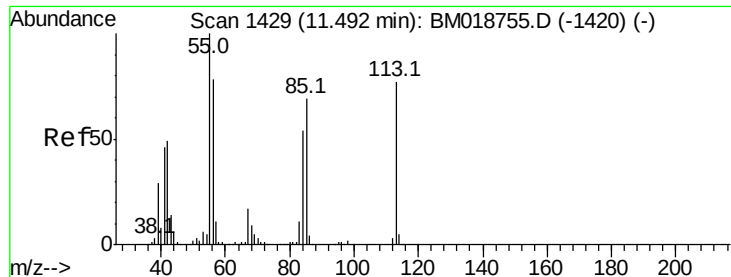
#34
Hexachlorobutadiene
Concen: 28.599 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion:	225	Resp:	320691
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.1	75.1
227	65.2	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: 3.369 ng

RT: 11.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

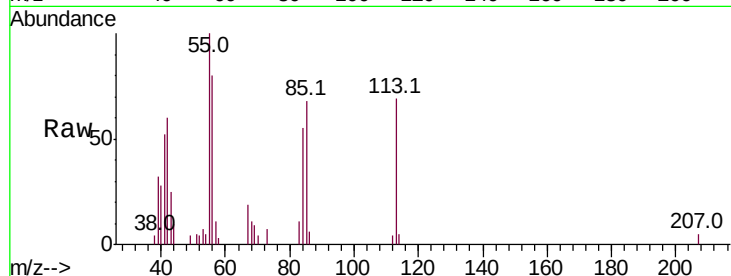
Tot Ion:113 Resp: 23002

Ion Ratio Lower Upper

113 100

55 144.4 110.7 150.7

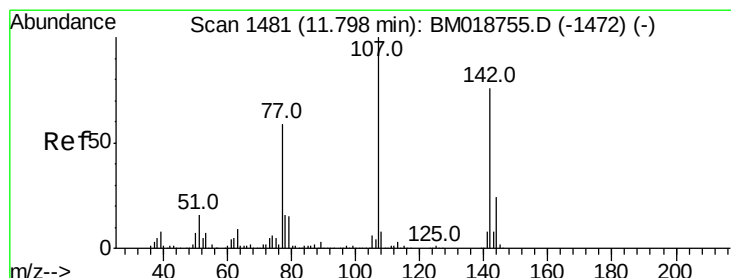
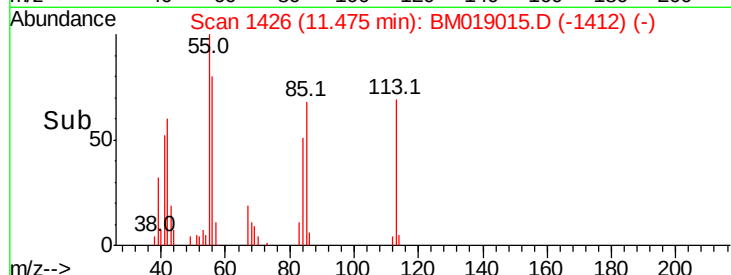
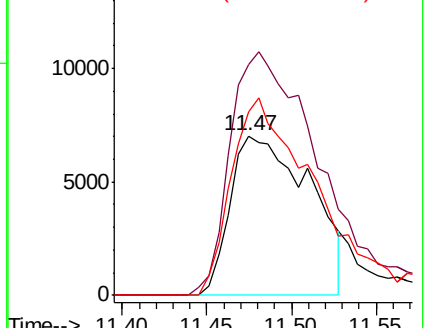
56 115.3 82.4 122.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM018755.D (-1420) (-)

Ion 56.00 (55.70 to 56.70): BM018755.D (-1420) (-)



#36

4-Chloro-3-methylphenol

Concen: 29.651 ng

RT: 11.77 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

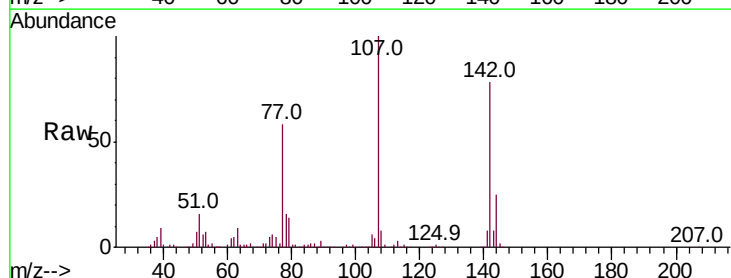
Tgt Ion:107 Resp: 598022

Ion Ratio Lower Upper

107 100

144 25.3 19.3 28.9

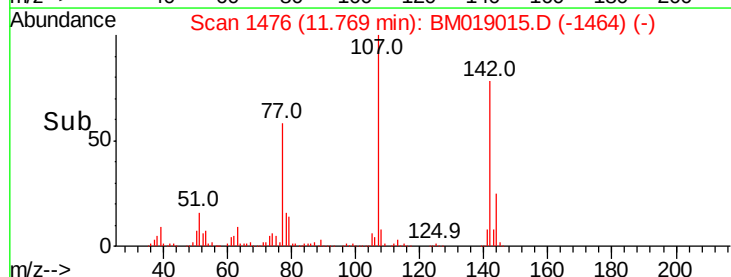
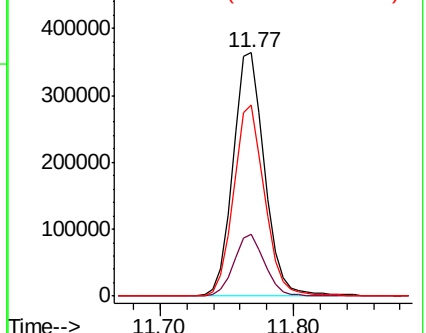
142 78.4 60.5 90.7

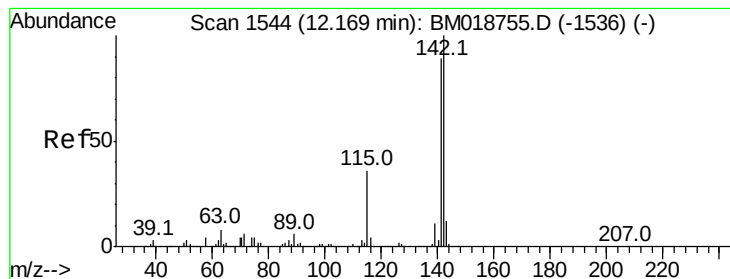


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.196 ng

RT: 12.13 min Scan# 1538

Delta R.T. -0.04 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

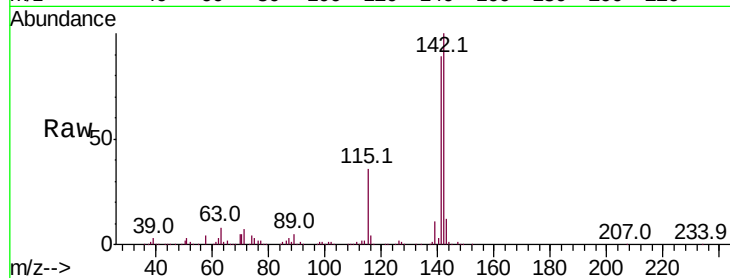
Tot Ion:142 Resp: 1463368

Ion Ratio Lower Upper

142 100

141 89.2 71.2 106.8

115 35.6 29.1 43.7

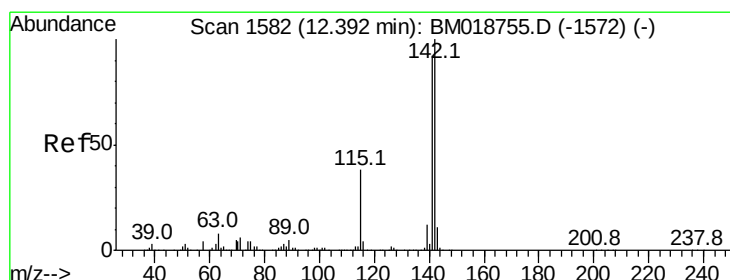
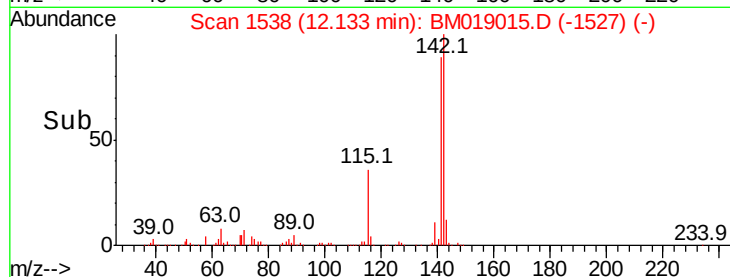
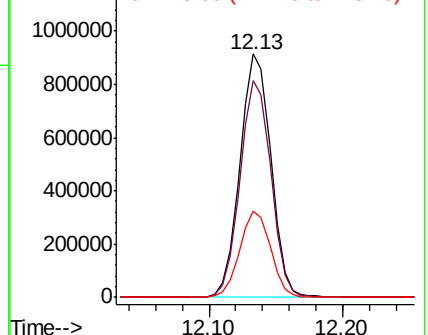


Abundance

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: 37.221 ng

RT: 12.36 min Scan# 1576

Delta R.T. -0.04 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

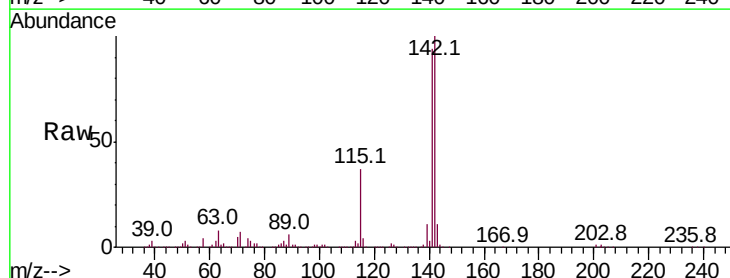
Tgt Ion:142 Resp: 1394429

Ion Ratio Lower Upper

142 100

141 93.8 73.9 110.9

116 3.8 3.0 4.4

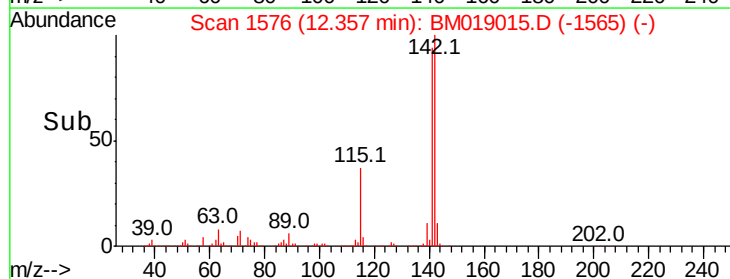
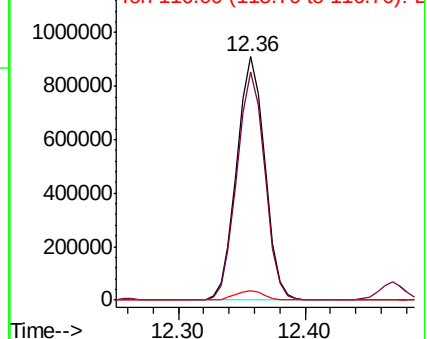


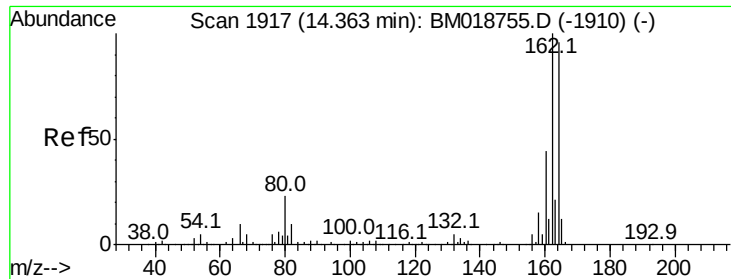
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

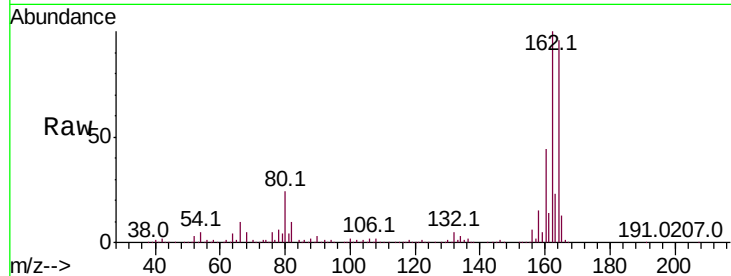




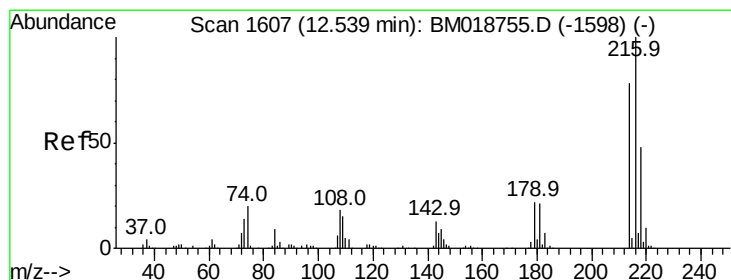
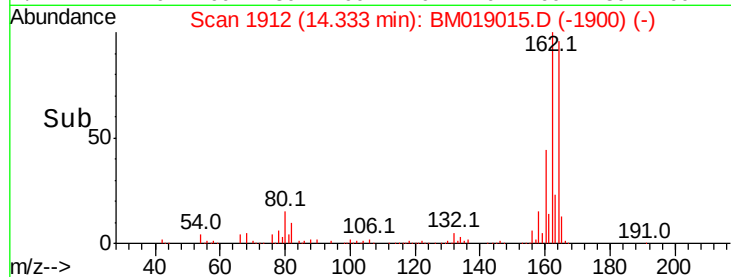
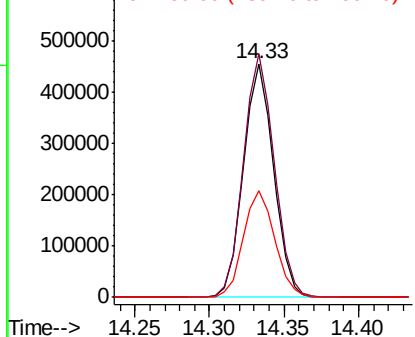
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.03 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:164 Resp: 635513
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.4 125.0
 160 45.7 36.6 55.0

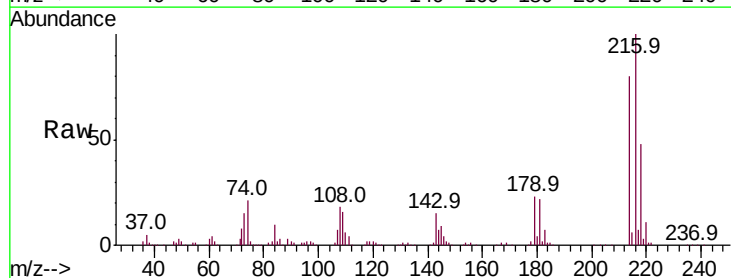


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

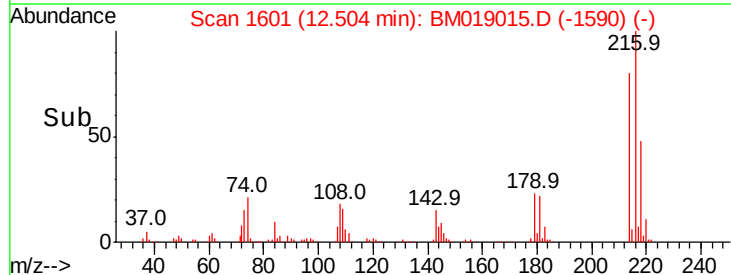
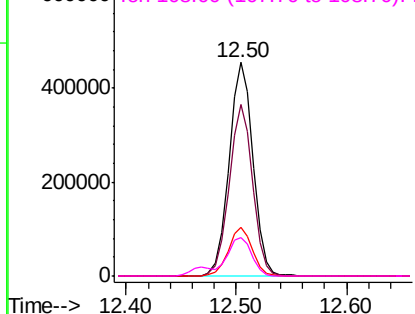


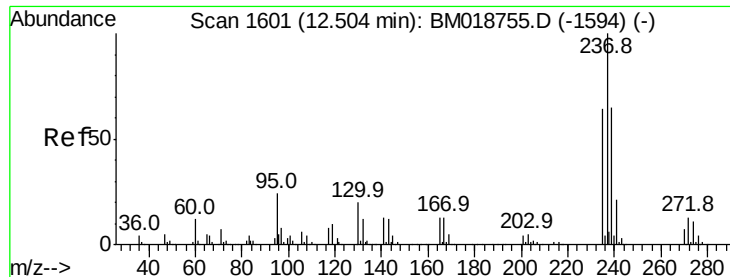
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.895 ng
 RT: 12.50 min Scan# 1601
 Delta R.T. -0.04 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Tgt Ion:216 Resp: 689061
 Ion Ratio Lower Upper
 216 100
 214 78.7 63.2 94.8
 179 22.7 17.8 26.8
 108 22.3 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

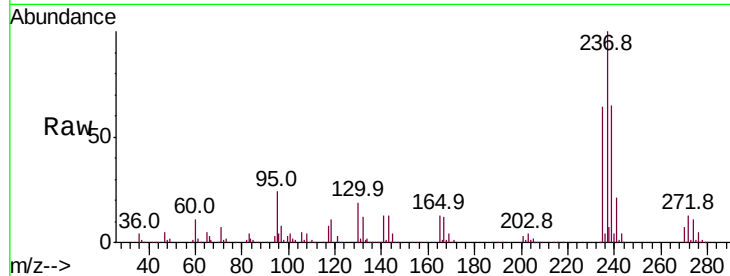




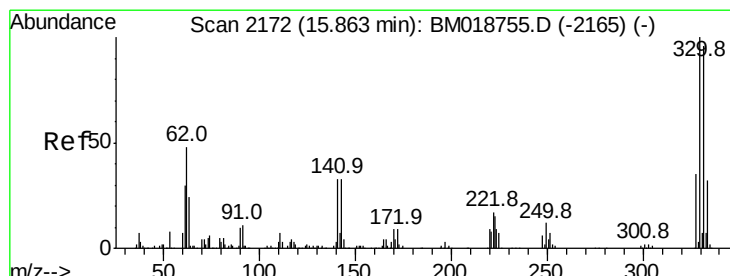
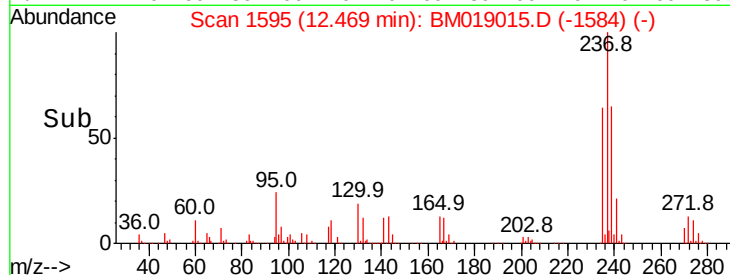
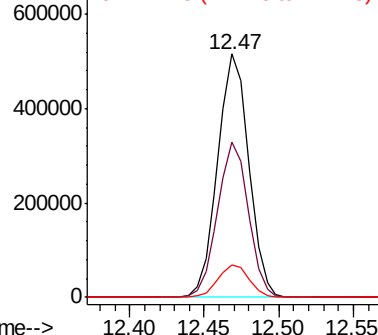
#41
Hexachlorocyclopentadiene
Concen: 71.681 ng
RT: 12.47 min Scan# 1595
Delta R.T. -0.04 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.7	83.7
272	13.5	0.0	33.3

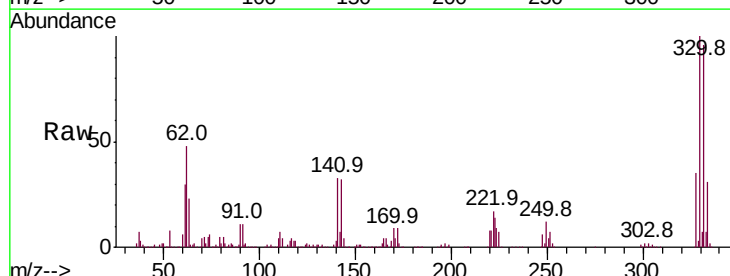


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

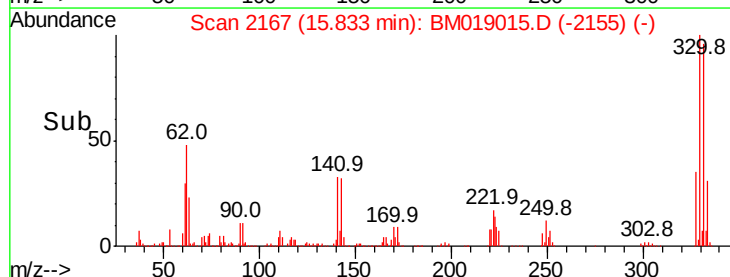
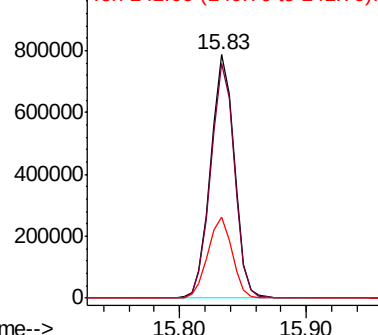


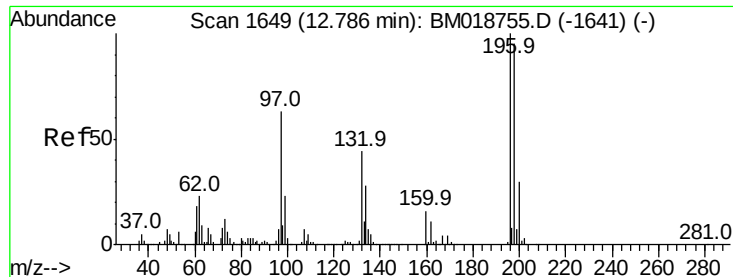
#42
2,4,6-Tribromophenol
Concen: 111.137 ng
RT: 15.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	34.1	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: 35.467 ng

RT: 12.76 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

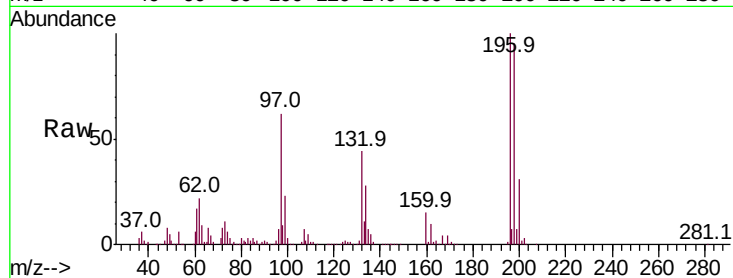
Tot Ion:196 Resp: 477315

Ion Ratio Lower Upper

196 100

198 95.0 76.2 114.2

200 30.7 24.2 36.2

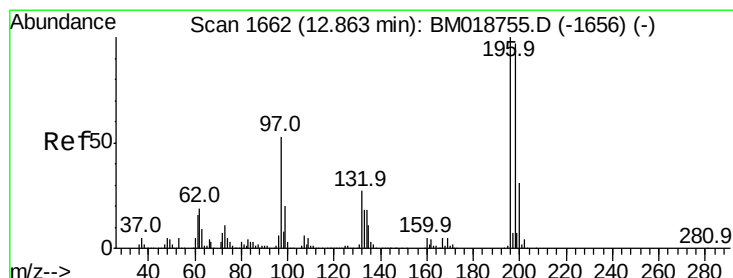
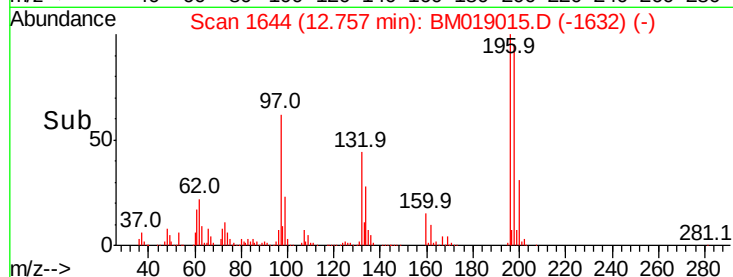
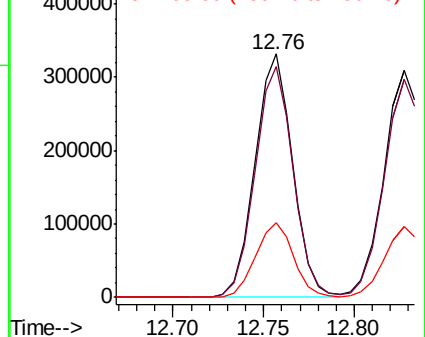


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 35.220 ng

RT: 12.83 min Scan# 1656

Delta R.T. -0.04 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Tgt Ion:196 Resp: 496816

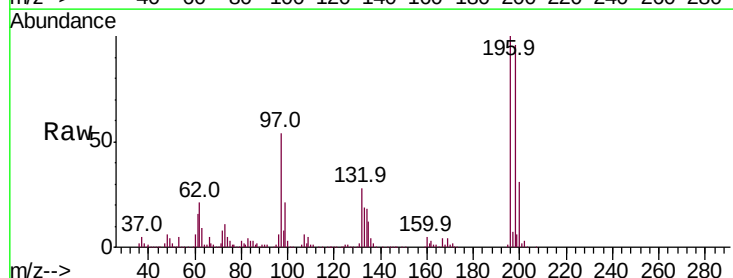
Ion Ratio Lower Upper

196 100

198 95.8 77.6 116.4

97 53.7 42.8 64.2

132 27.7 21.8 32.8



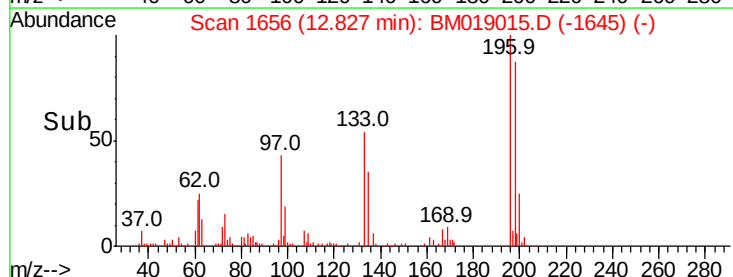
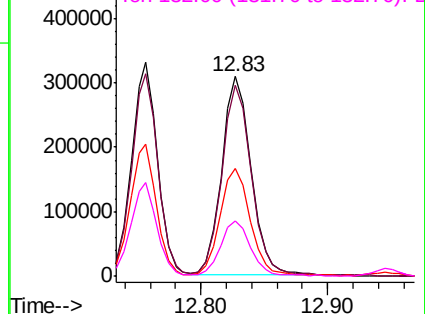
Abundance

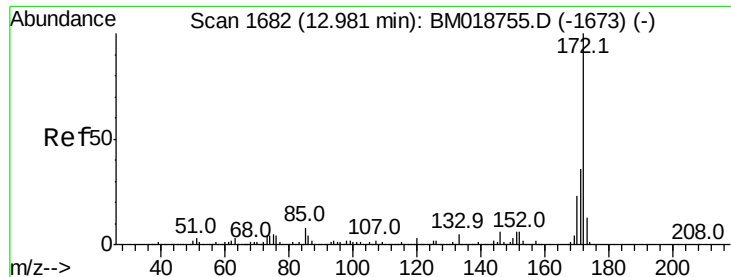
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

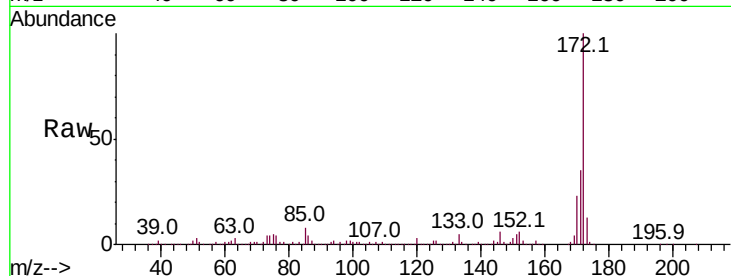




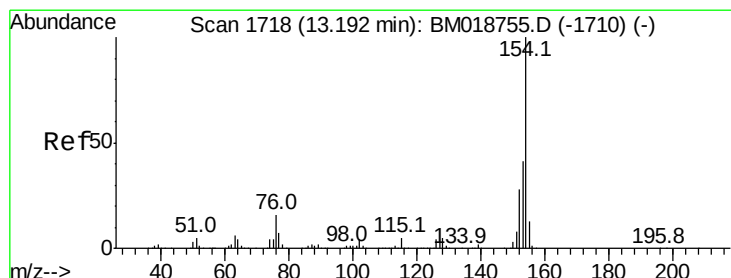
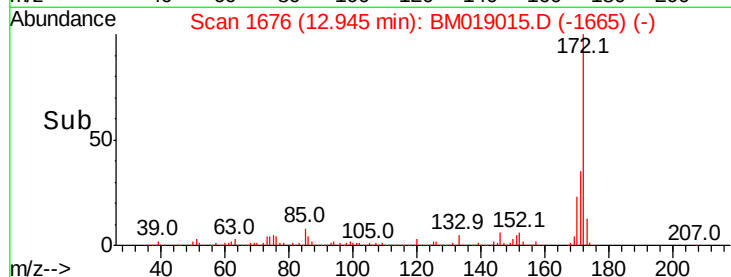
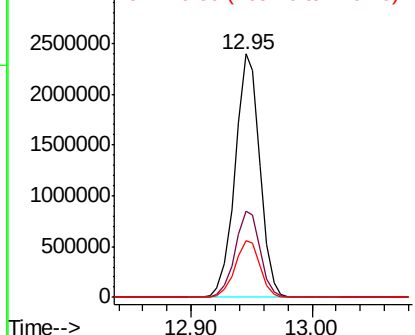
#45
2-Fluorobiphenyl
Concen: 71.189 ng
RT: 12.95 min Scan# 1676
Delta R.T. -0.04 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampled :

Tot Ion:172 Resp: 3408105
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.3 18.6 28.0

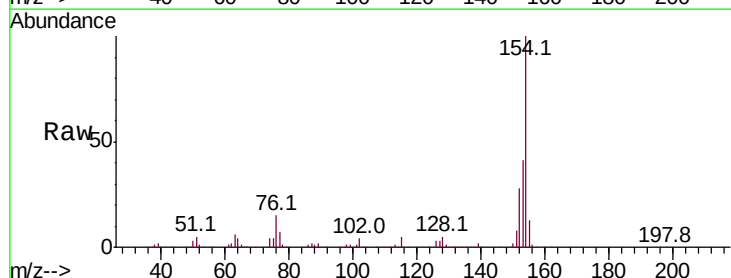


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

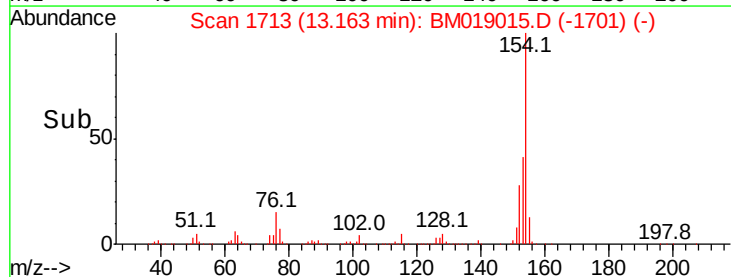
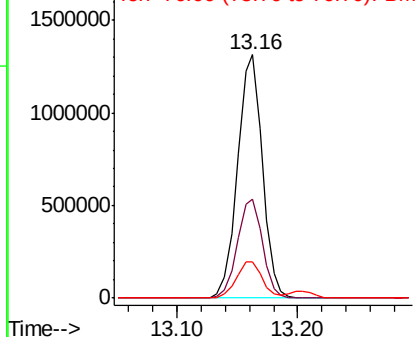


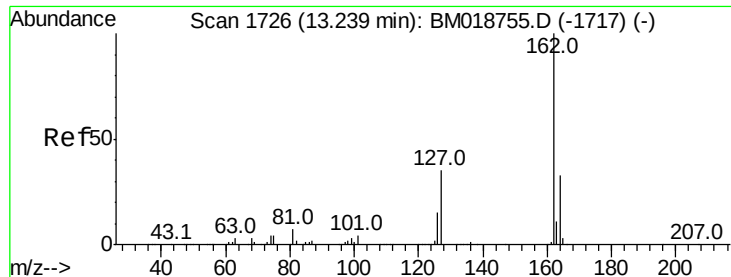
#46
1,1'-Biphenyl
Concen: 34.427 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion:154 Resp: 1883259
Ion Ratio Lower Upper
154 100
153 40.8 21.1 61.1
76 14.7 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

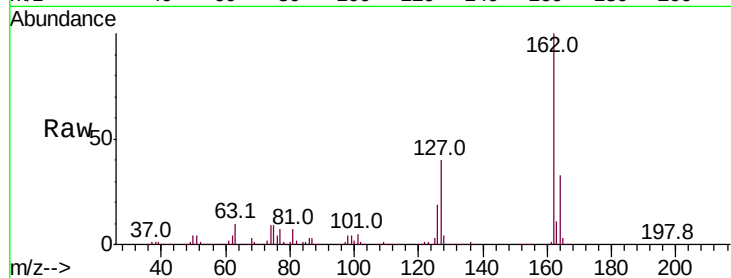




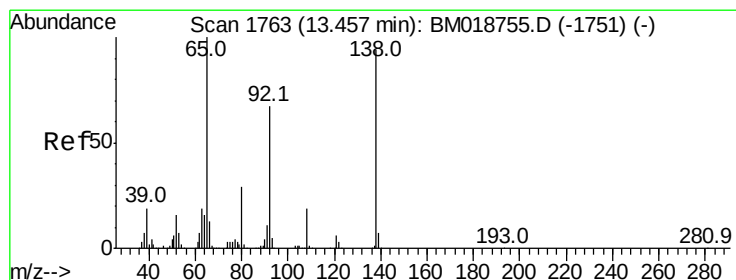
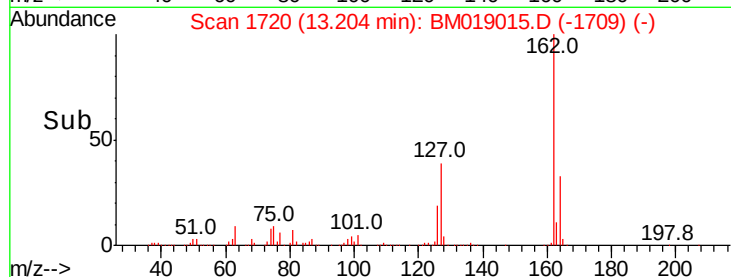
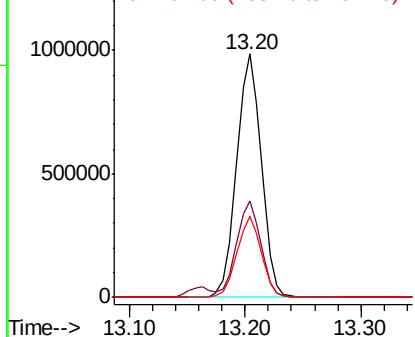
#47
2-Chloronaphthalene
Concen: 34.514 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.04 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1458281
Ion Ratio Lower Upper
162 100
127 39.7 31.1 46.7
164 33.2 26.4 39.6

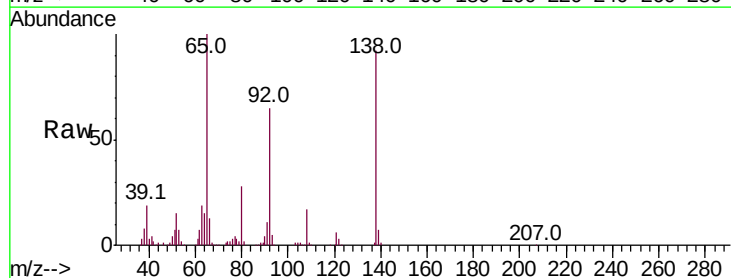


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

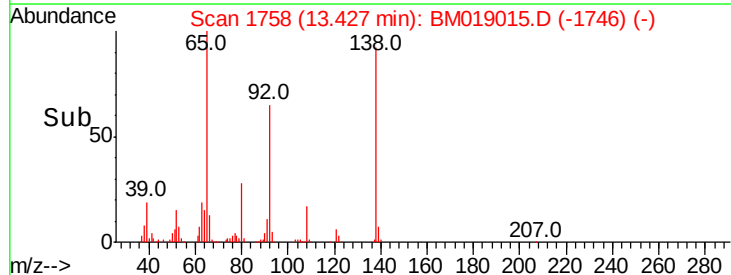
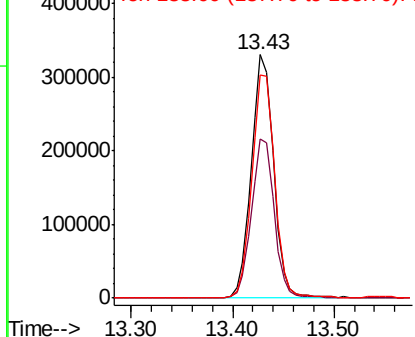


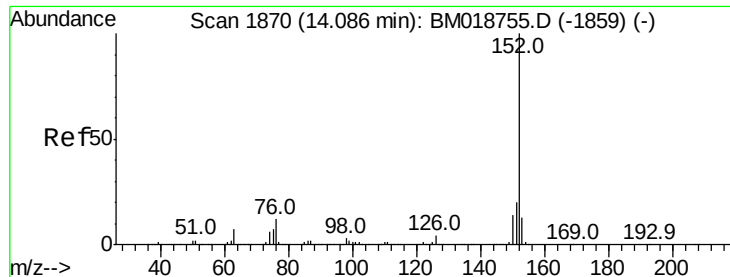
#48
2-Nitroaniline
Concen: 36.236 ng
RT: 13.43 min Scan# 1758
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion: 65 Resp: 508488
Ion Ratio Lower Upper
65 100
92 65.1 54.0 81.0
138 91.7 74.9 112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.200 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.03 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

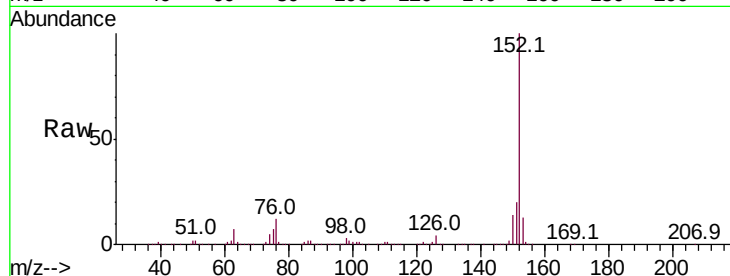
Tot Ion:152 Resp: 2403302

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

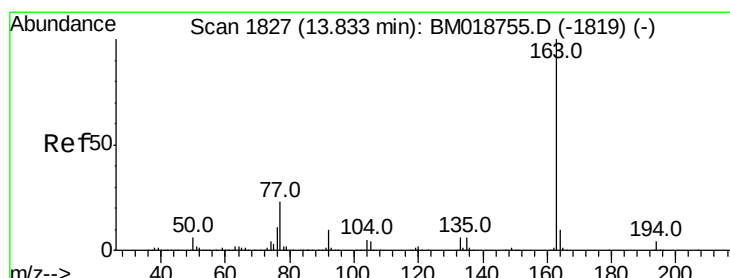
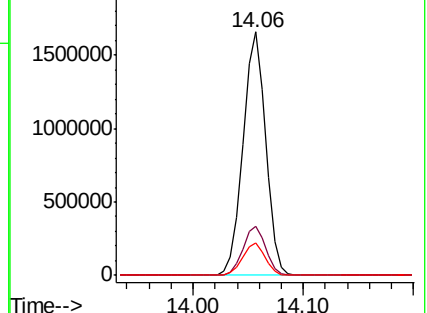
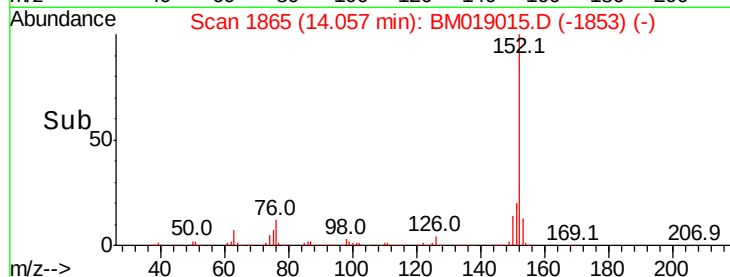
153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.706 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

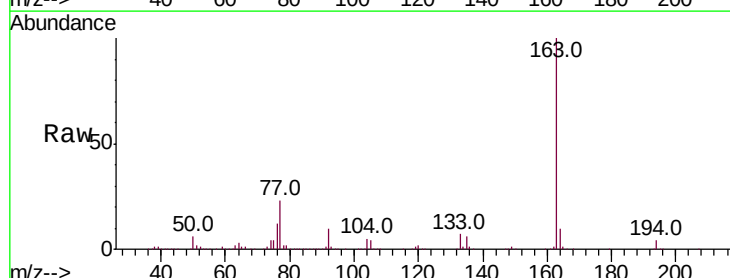
Tgt Ion:163 Resp: 2420741

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

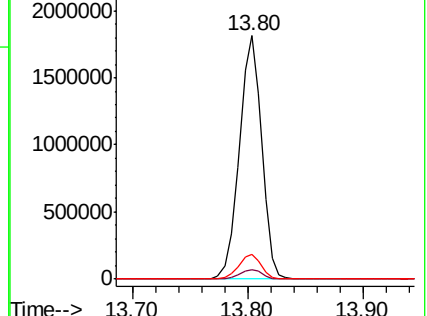
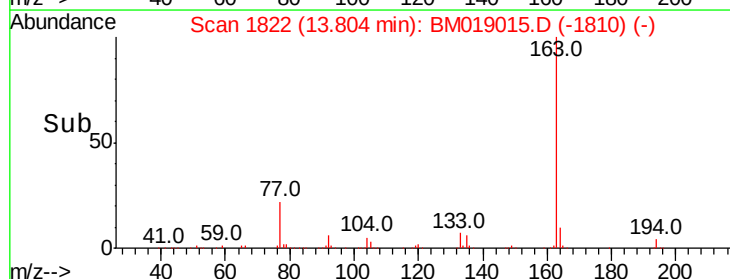
164 10.1 7.8 11.8

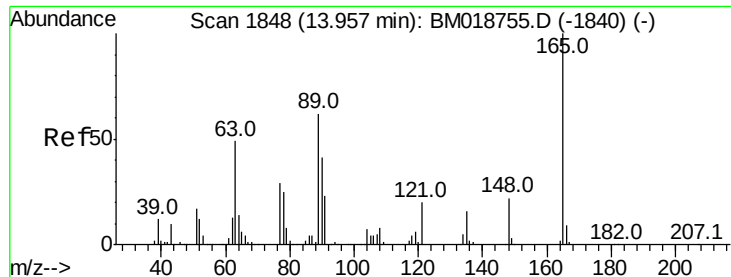


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

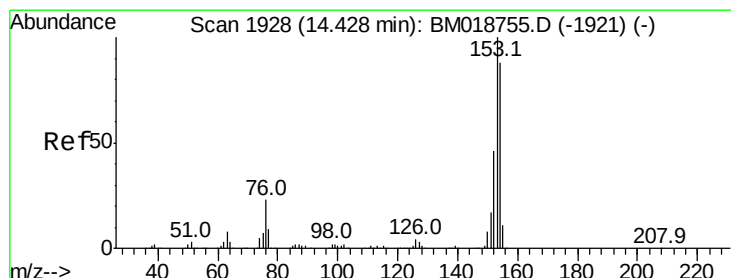
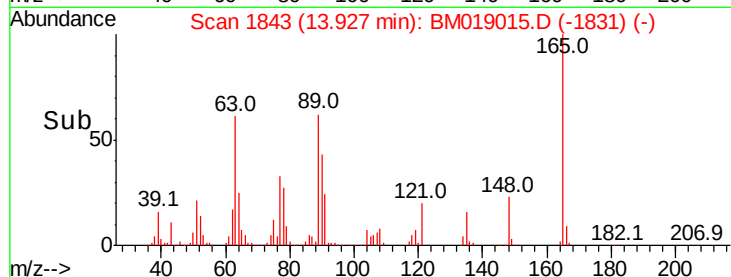
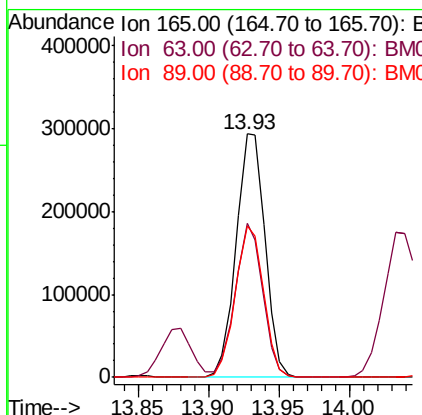
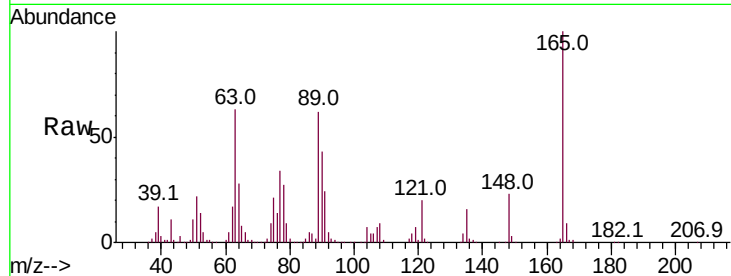




#51
2,6-Dinitrotoluene
Concen: 36.616 ng
RT: 13.93 min Scan# 1843
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

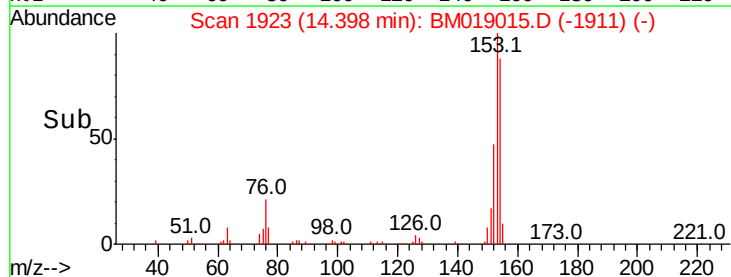
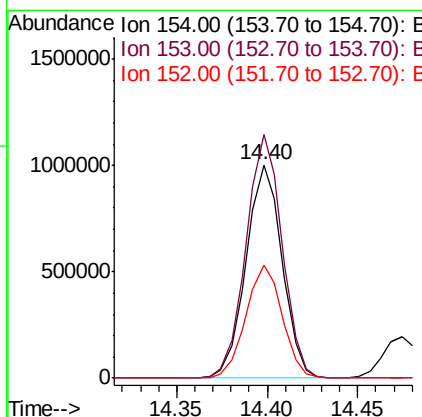
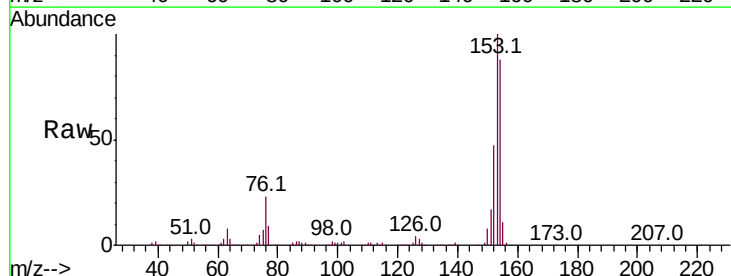
Instrument :
BNA_M
ClientSampled :

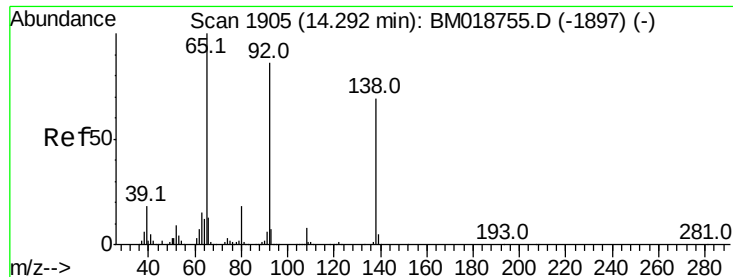
Tot Ion	Ratio	Lower	Upper
165	100		
63	63.5	48.9	73.3
89	62.1	49.4	74.0



#52
Acenaphthene
Concen: 35.913 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.3	136.9
152	53.3	42.2	63.4

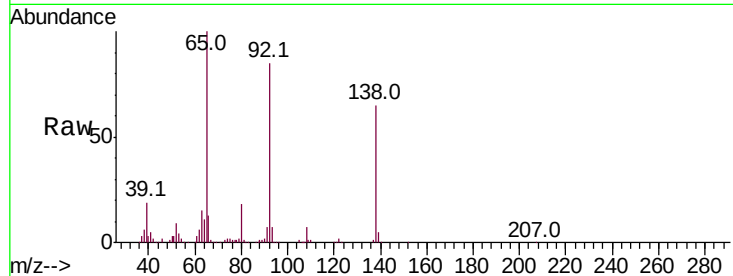




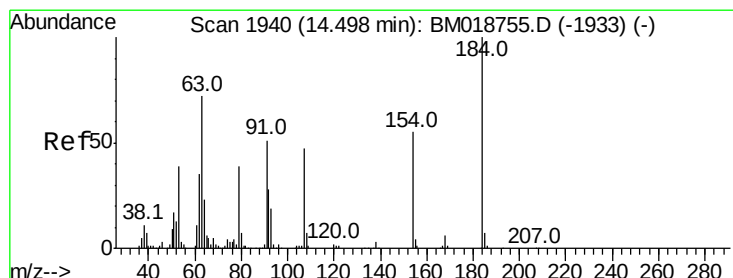
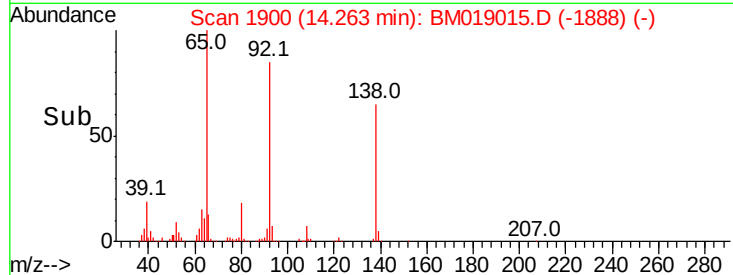
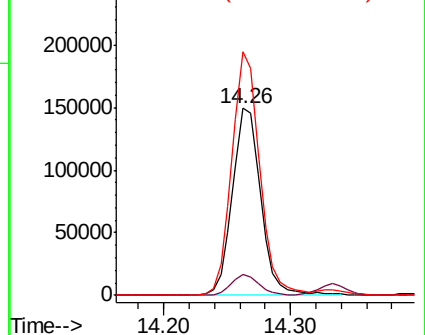
#53
3-Nitroaniline
Concen: 17.866 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 231599
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 130.1 99.7 149.5

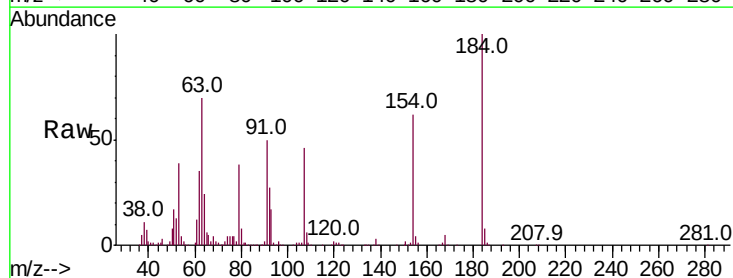


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

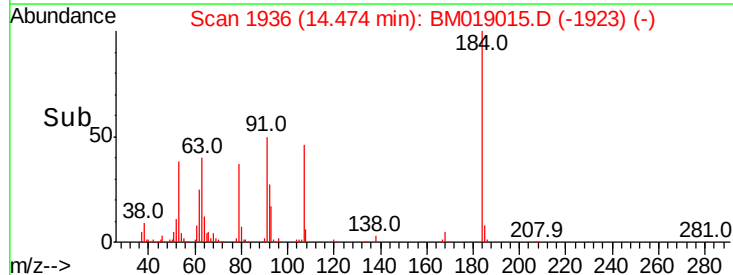
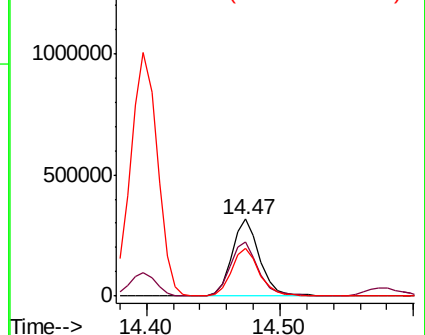


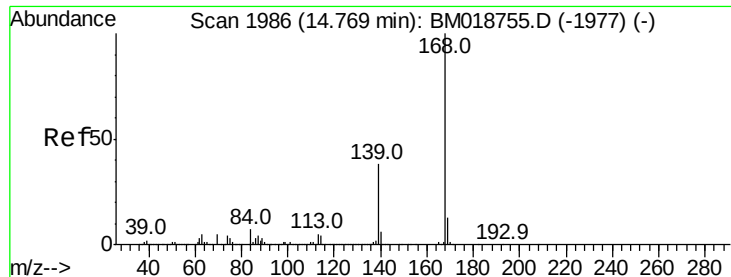
#54
2,4-Dinitrophenol
Concen: 64.666 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion:184 Resp: 462106
Ion Ratio Lower Upper
184 100
63 70.4 58.0 87.0
154 61.8 50.3 75.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

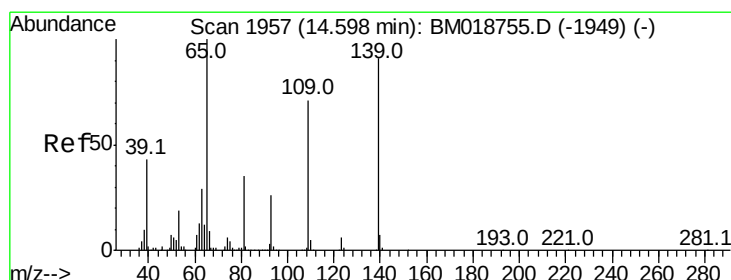
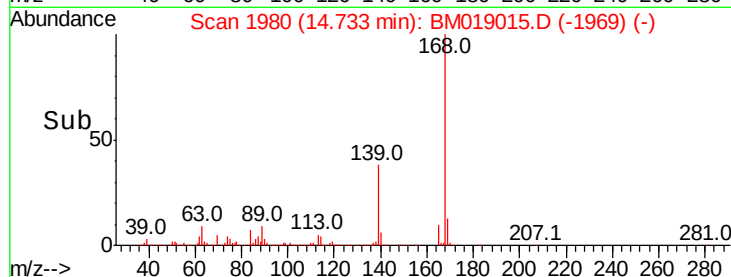
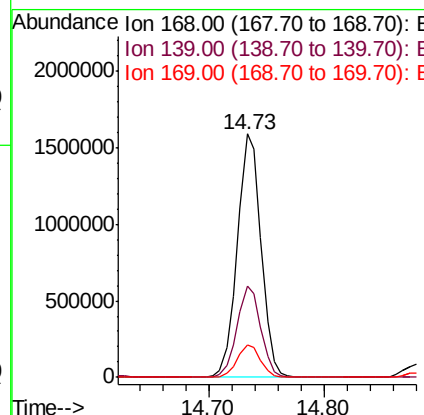
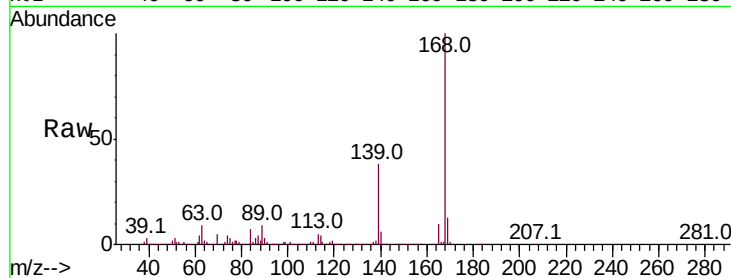




#55
Dibenzofuran
Concen: 35.597 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.04 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

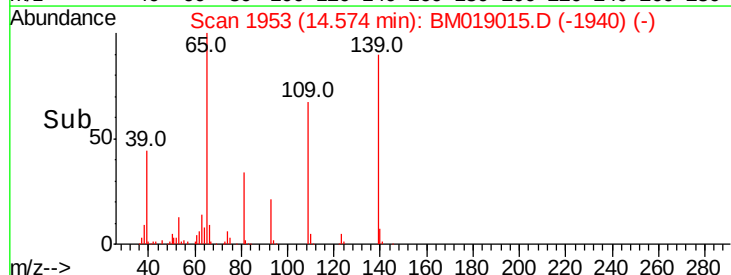
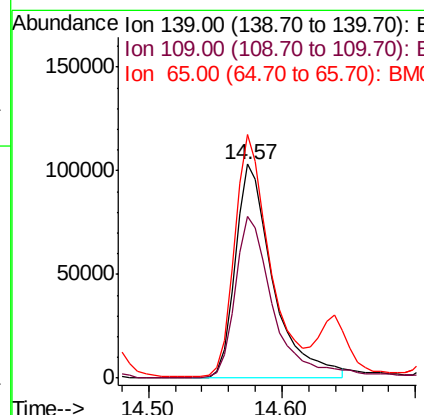
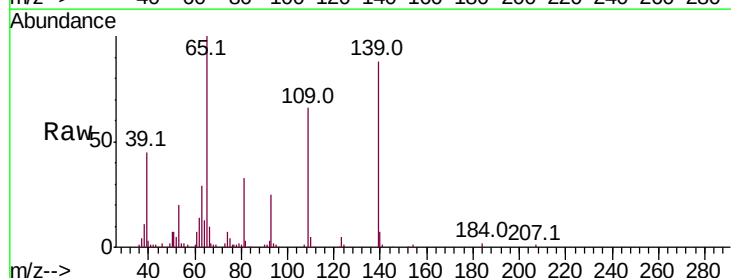
Instrument :
BNA_M
ClientSampleId :

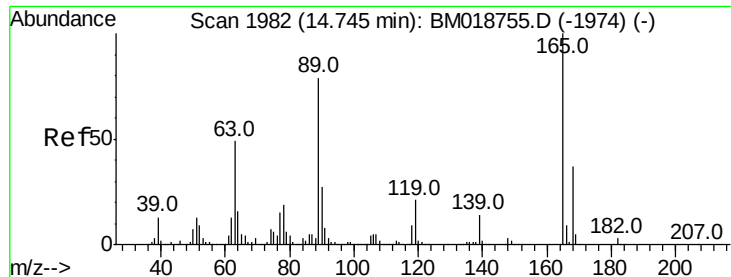
Tot Ion:168 Resp: 2257115
Ion Ratio Lower Upper
168 100
139 37.7 30.7 46.1
169 13.3 10.3 15.5



#56
4-Nitrophenol
Concen: 19.630 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion:139 Resp: 203134
Ion Ratio Lower Upper
139 100
109 75.5 58.4 98.4
65 113.7 89.8 129.8

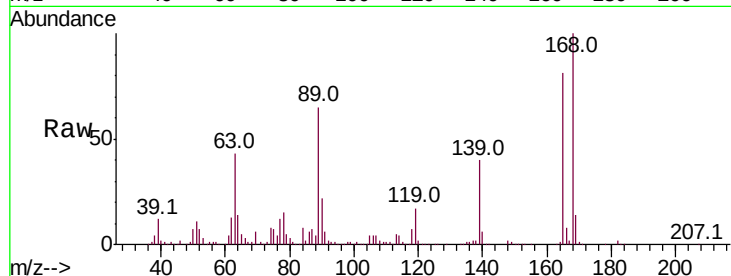




#57
 2,4-Dinitrotoluene
 Concen: 37.075 ng
 RT: 14.72 min Scan# 1978
 Delta R.T. -0.02 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.9	39.6	59.4
89	80.1	63.5	95.3
182	2.9	2.2	3.4



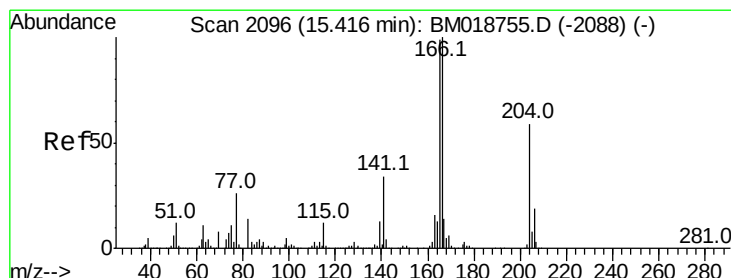
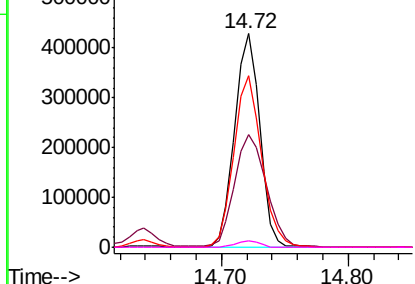
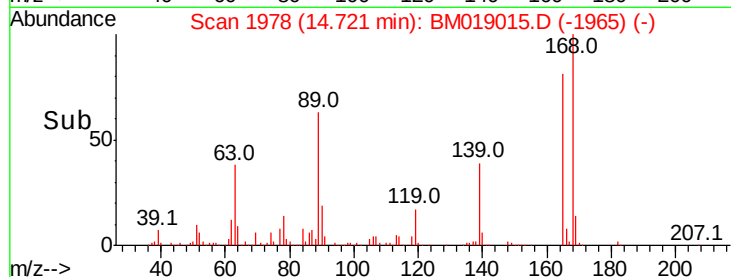
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

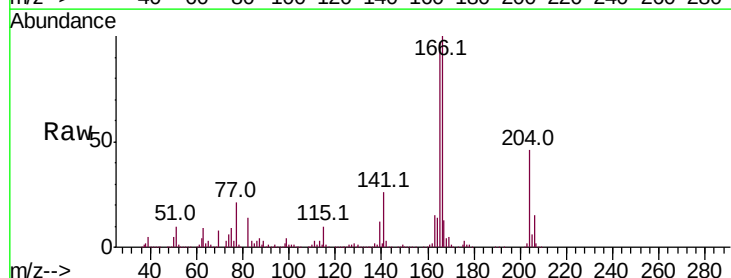
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 38.178 ng
 RT: 15.39 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.1	118.7
167	13.5	11.0	16.4

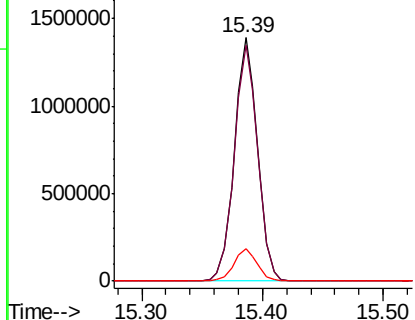
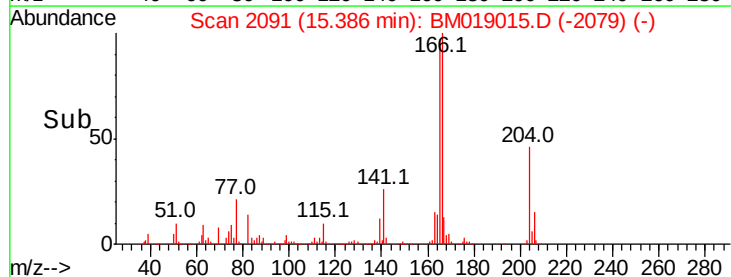


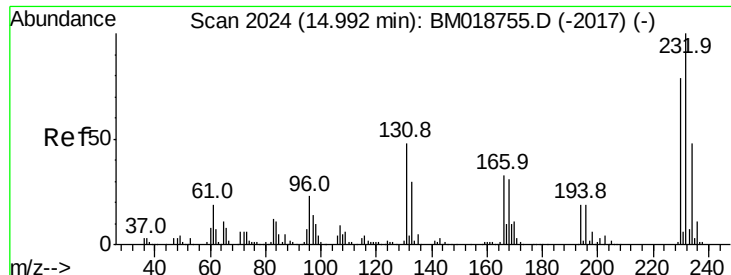
Abundance

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

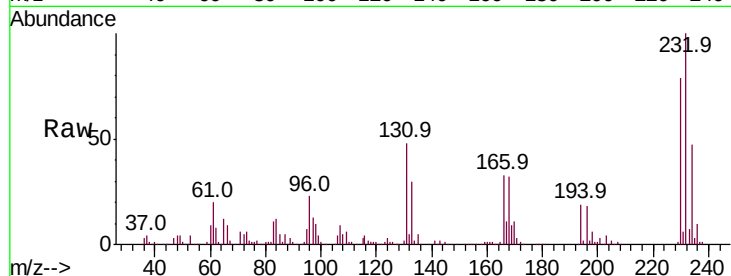




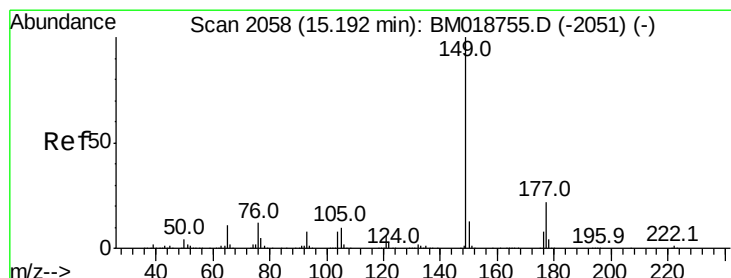
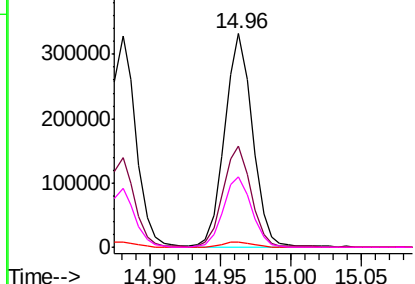
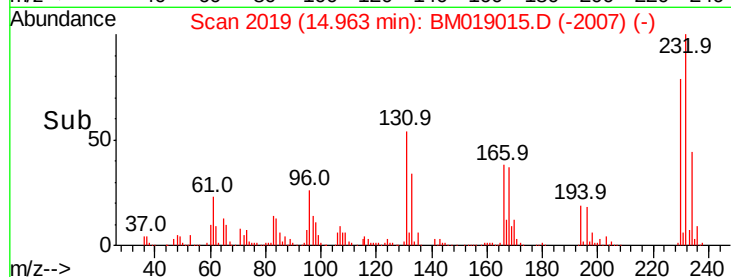
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.265 ng
 RT: 14.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 452160
 Ion Ratio Lower Upper
 232 100
 131 47.9 38.6 57.8
 130 2.6 2.0 3.0
 166 33.4 26.9 40.3

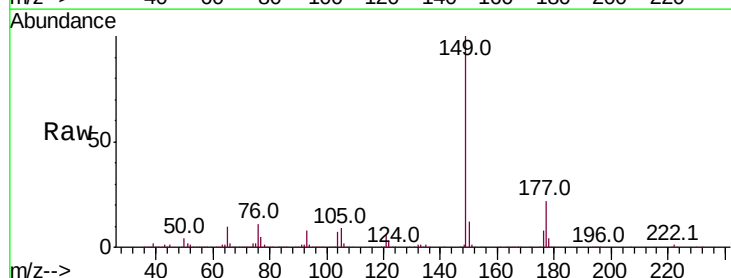


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

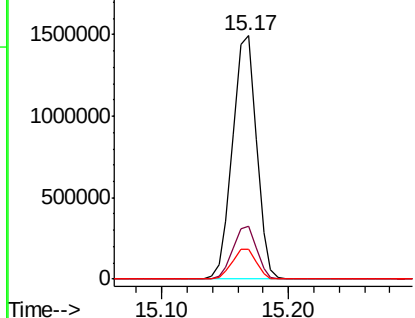
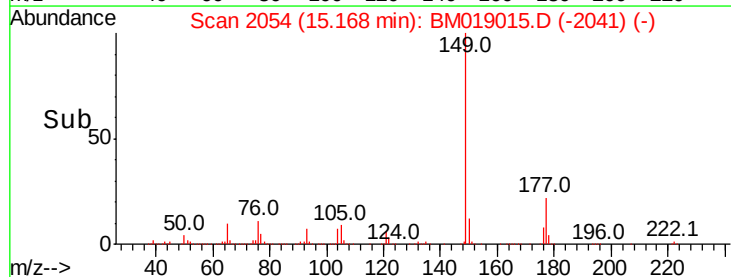


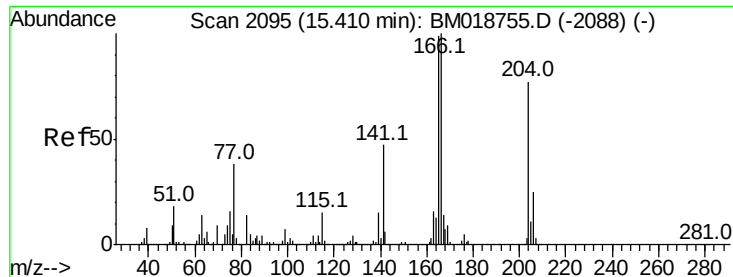
#60
 Diethylphthalate
 Concen: 35.661 ng
 RT: 15.17 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Tgt Ion:149 Resp: 1948300
 Ion Ratio Lower Upper
 149 100
 177 21.7 17.2 25.8
 150 12.4 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

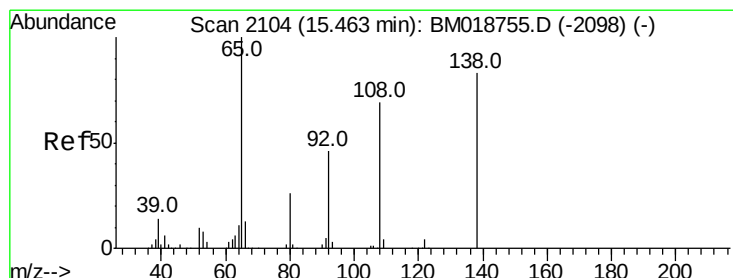
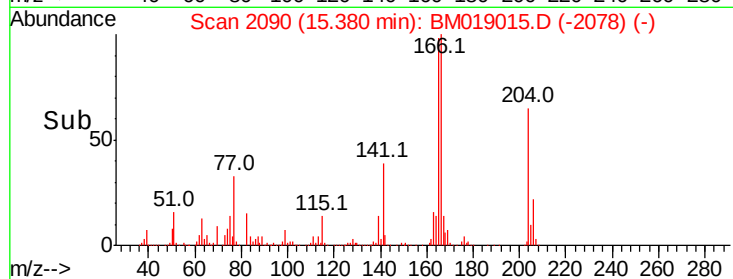
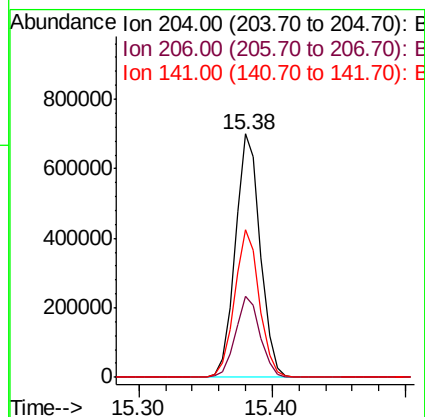
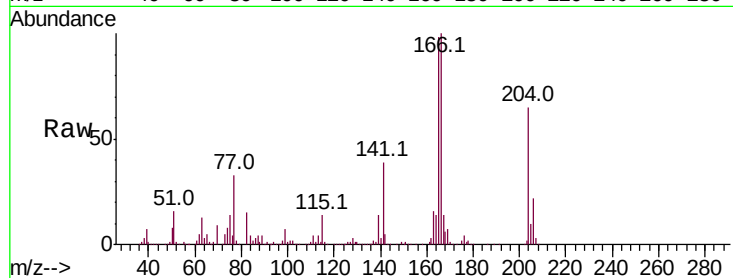




#61
4-Chlorophenyl-phenylether
Concen: 33.447 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

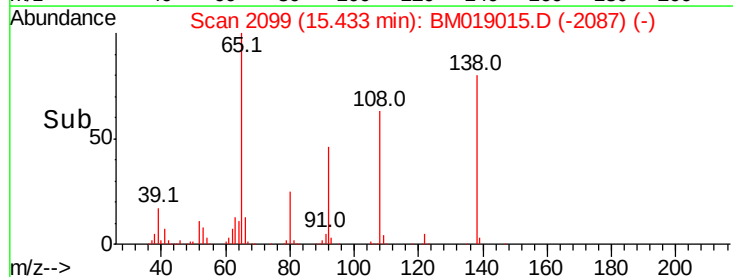
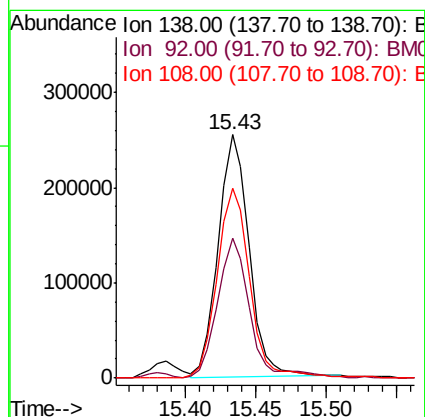
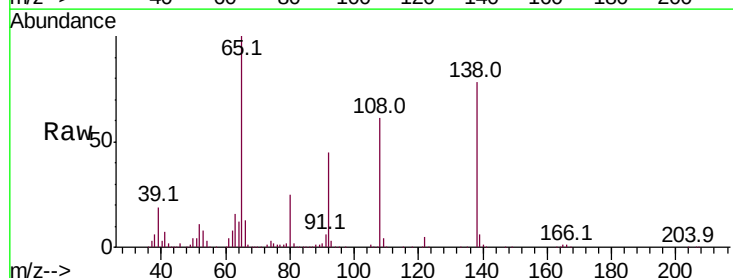
Instrument :
BNA_M
ClientSampleId :

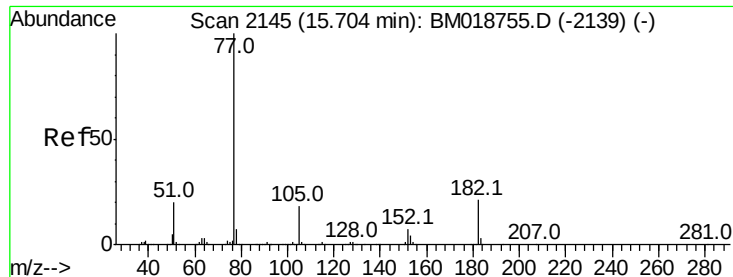
Tot Ion:204 Resp: 909707
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 60.6 49.2 73.8



#62
4-Nitroaniline
Concen: 30.453 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion:138 Resp: 387022
Ion Ratio Lower Upper
138 100
92 57.5 35.5 75.5
108 78.2 62.4 102.4





#63

Azobenzene

Concen: 35.430 ng

RT: 15.67 min Scan# 2140

Delta R.T. -0.03 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2075446

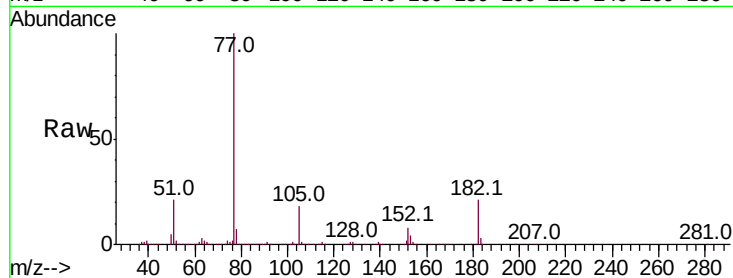
Ion	Ratio	Lower	Upper
77	100		
182	21.2	1.0	41.0
105	17.9	0.0	37.7
51	20.5	0.3	40.3

77 100

182 21.2 1.0 41.0

105 17.9 0.0 37.7

51 20.5 0.3 40.3

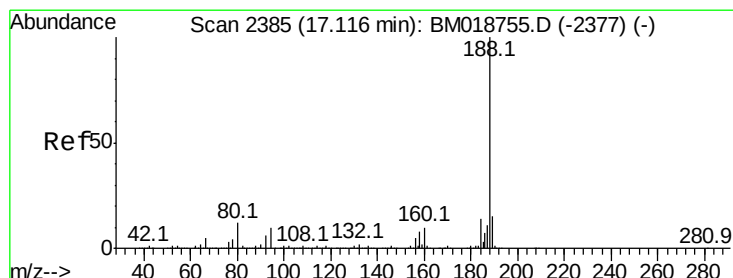
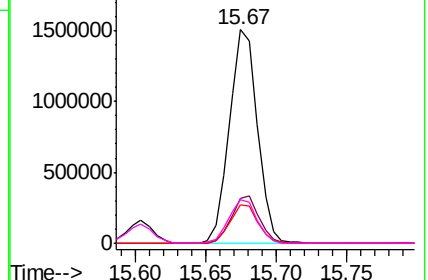
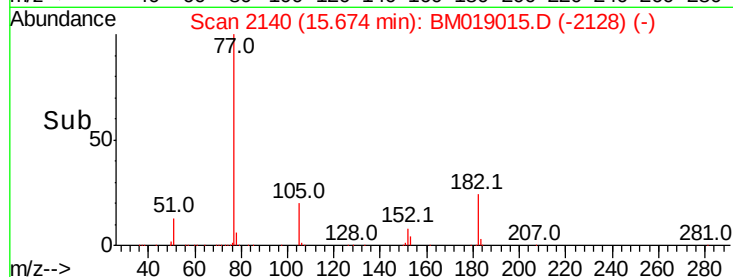


Abundance Ion 77.00 (76.70 to 77.70): BM019015.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): BM019015.D (-2128) (-)

Ion 105.00 (104.70 to 105.70): BM019015.D (-2128) (-)

Ion 51.00 (50.70 to 51.70): BM019015.D (-2128) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

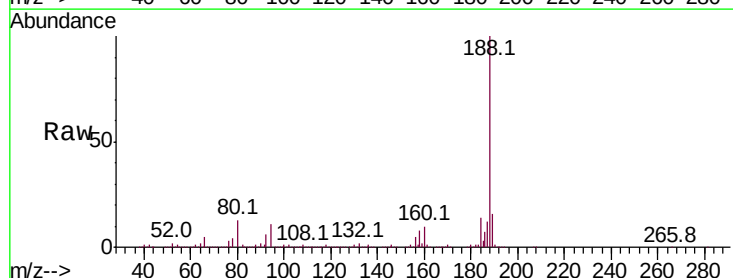
Tgt Ion: 188 Resp: 1359651

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.2	12.2
80	12.7	9.7	14.5

188 100

94 10.5 8.2 12.2

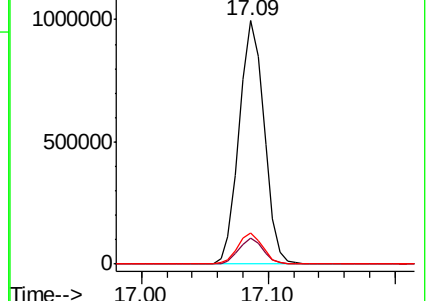
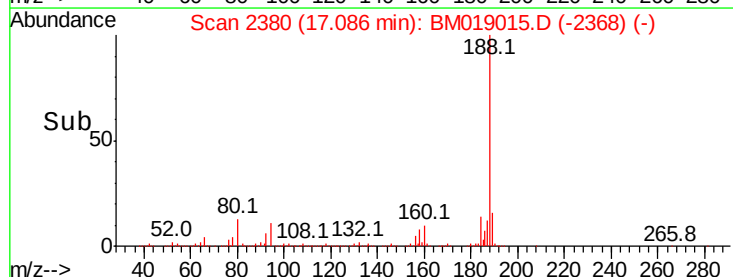
80 12.7 9.7 14.5

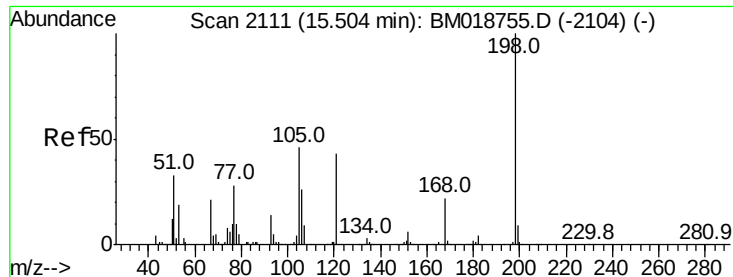


Abundance Ion 188.00 (187.70 to 188.70): BM019015.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM019015.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM019015.D (-2368) (-)

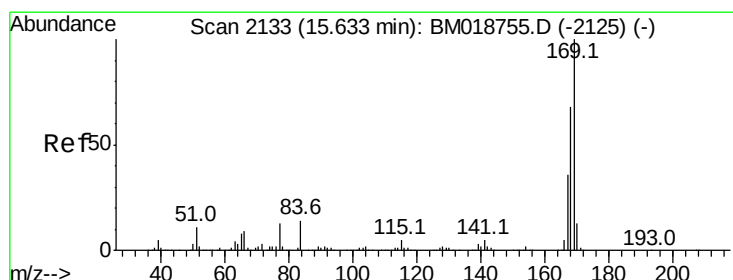
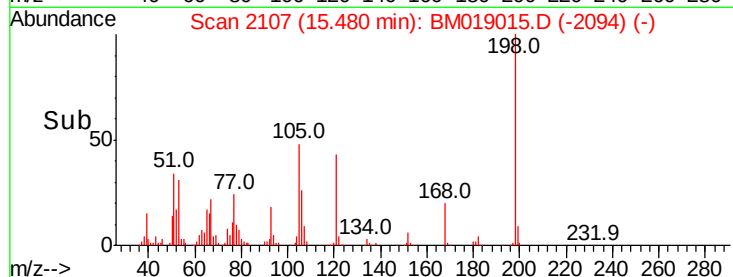
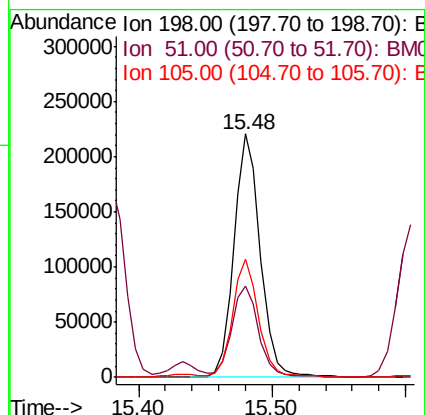
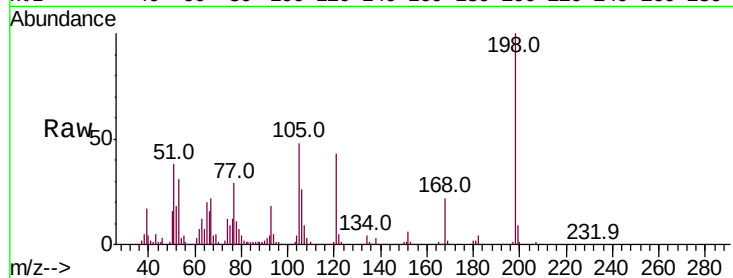




#65
4,6-Dinitro-2-methylphenol
Concen: 31.747 ng
RT: 15.48 min Scan# 2107
Delta R.T. -0.02 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

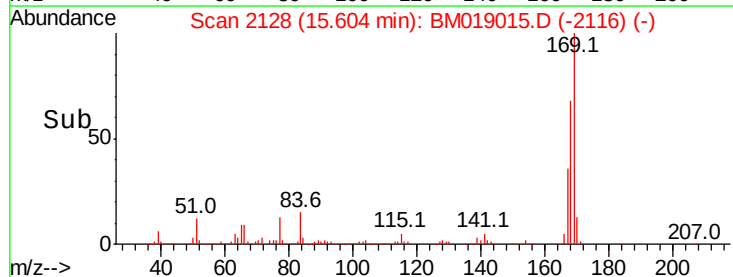
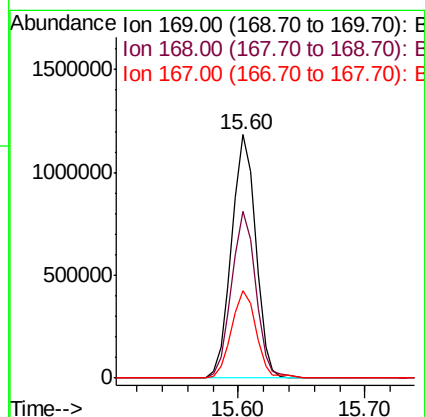
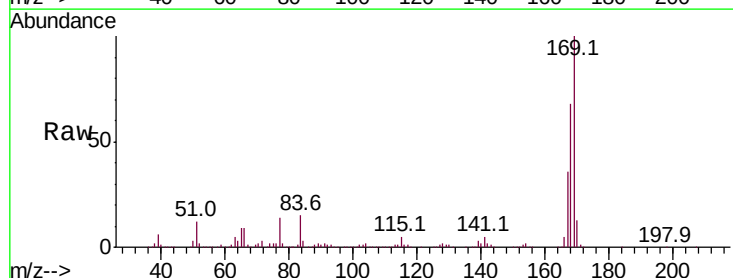
Instrument :
BNA_M
ClientSampleId :

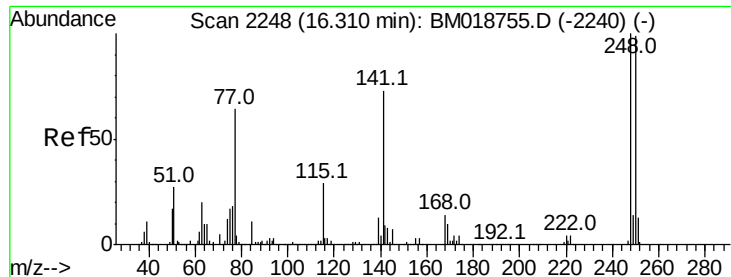
Tot Ion:198 Resp: 303069
Ion Ratio Lower Upper
198 100
51 37.7 18.4 58.4
105 48.3 27.2 67.2



#66
n-Nitrosodiphenylamine
Concen: 36.157 ng
RT: 15.60 min Scan# 2128
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion:169 Resp: 1553203
Ion Ratio Lower Upper
169 100
168 68.4 54.4 81.6
167 36.2 29.0 43.6

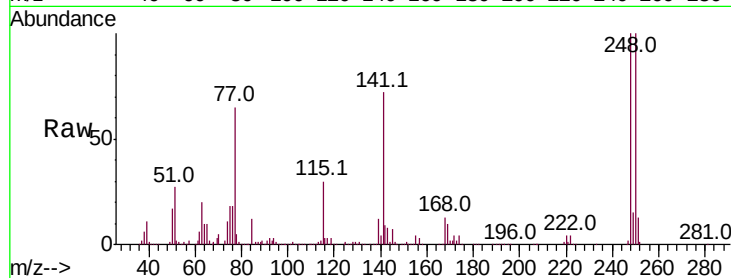




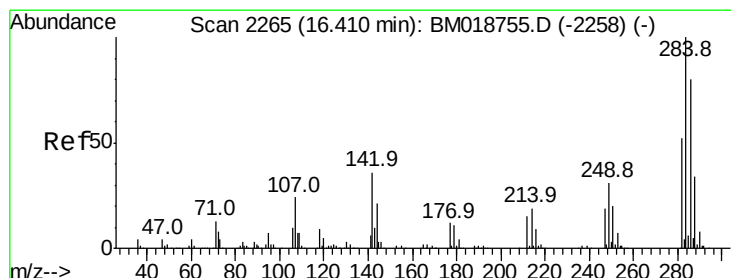
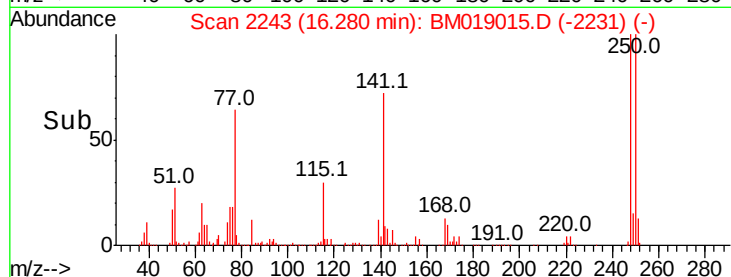
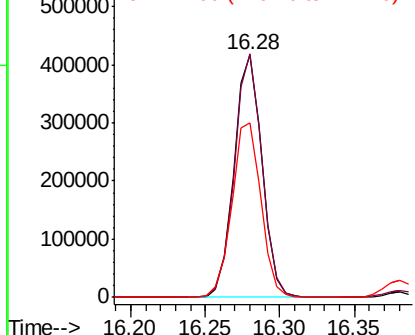
#67
4-Bromophenyl-phenylether
Concen: 35.797 ng
RT: 16.28 min Scan# 2243
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 544800
Ion Ratio Lower Upper
248 100
250 100.4 79.0 118.6
141 72.1 58.6 88.0

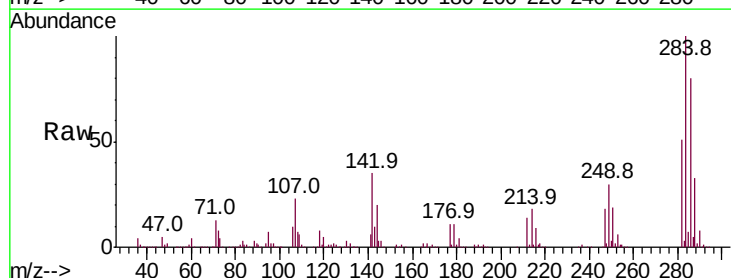


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

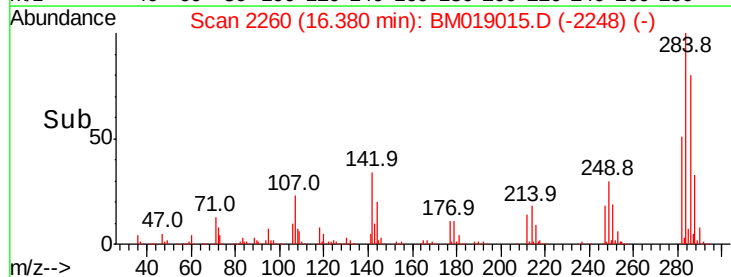
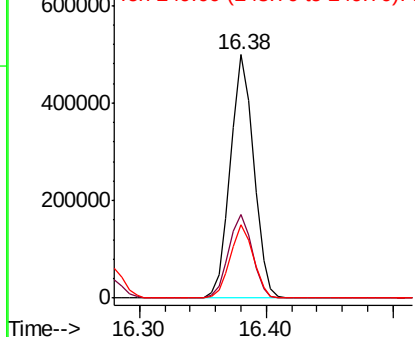


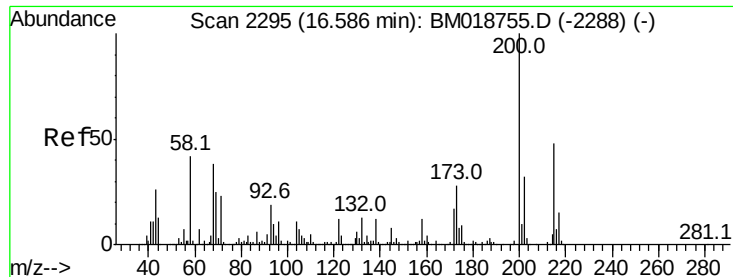
#68
Hexachlorobenzene
Concen: 35.885 ng
RT: 16.38 min Scan# 2260
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion:284 Resp: 634792
Ion Ratio Lower Upper
284 100
142 34.5 28.9 43.3
249 29.9 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

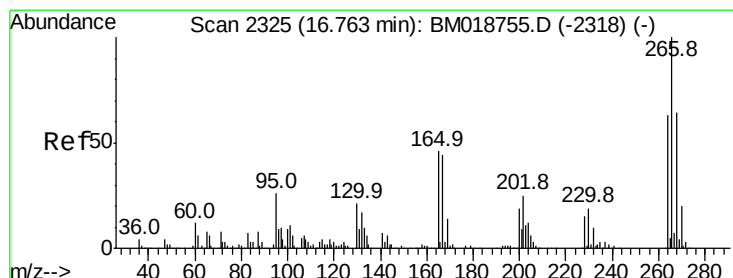
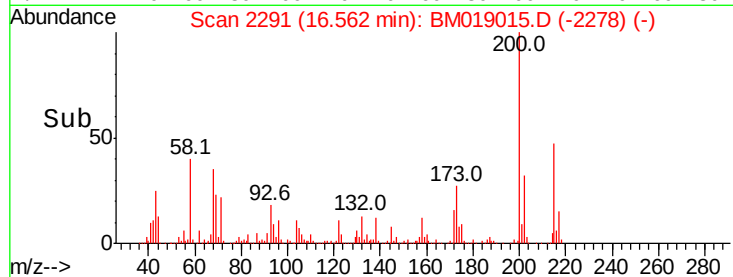
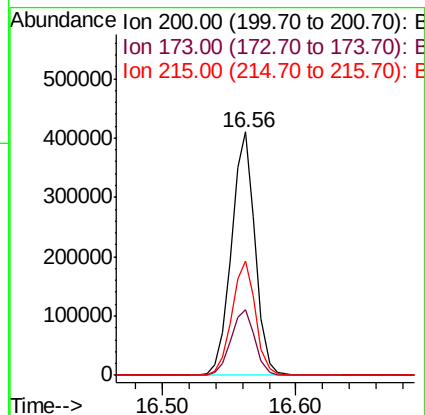
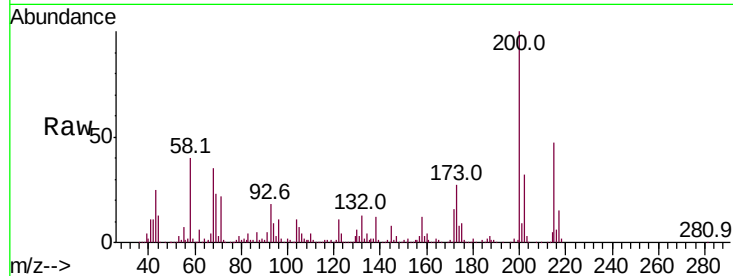




#69
 Atrazine
 Concen: 36.722 ng
 RT: 16.56 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

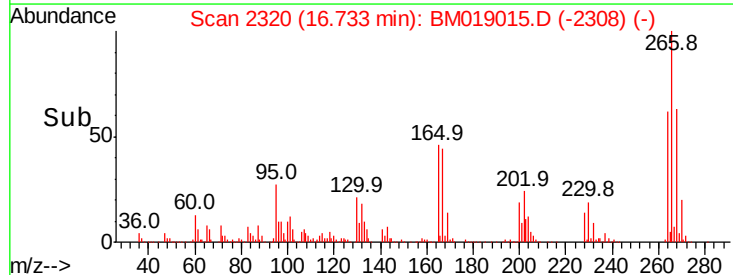
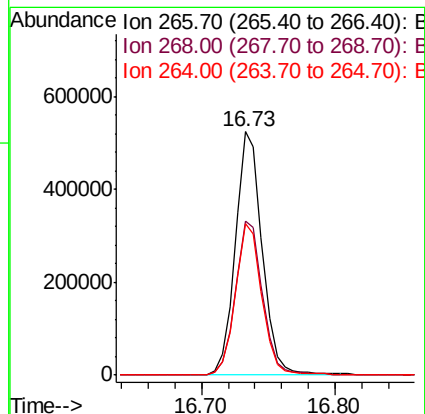
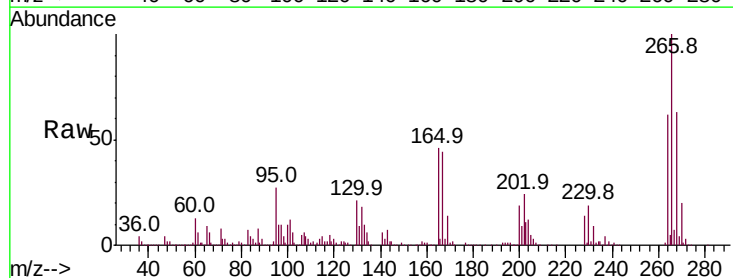
Instrument :
 BNA_M
 ClientSampled :

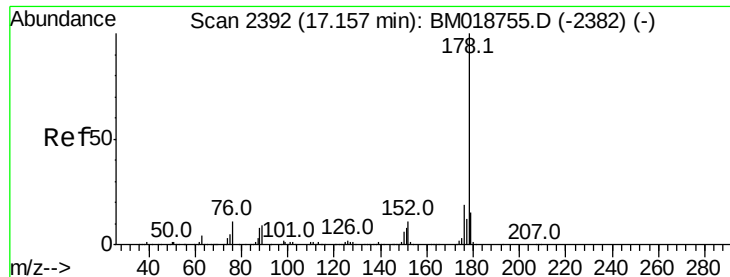
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.6	47.6
215	46.7	27.6	67.6



#70
 Pentachlorophenol
 Concen: 64.371 ng
 RT: 16.73 min Scan# 2320
 Delta R.T. -0.03 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.3	76.9
264	62.2	50.6	75.8

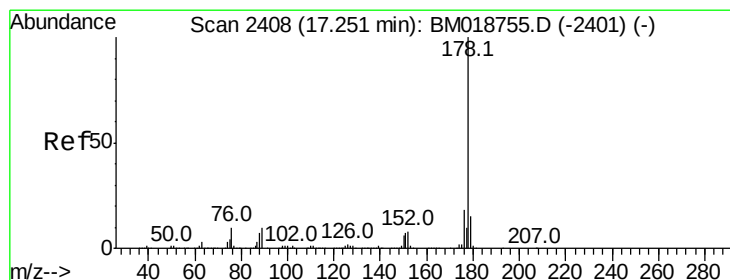
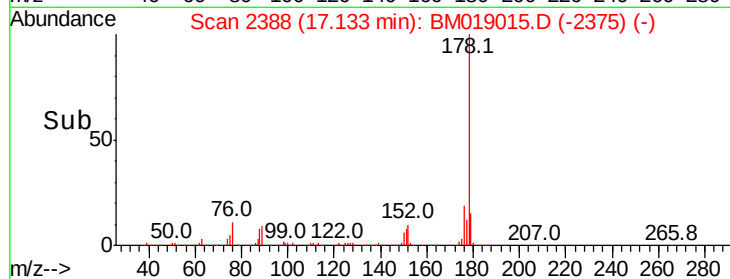
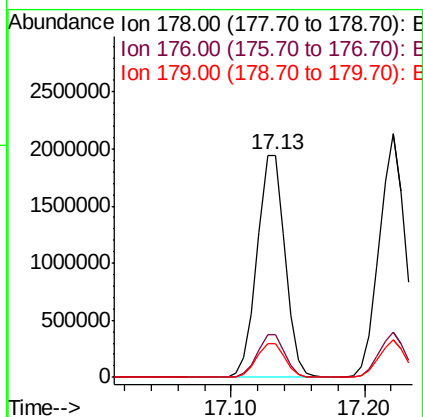
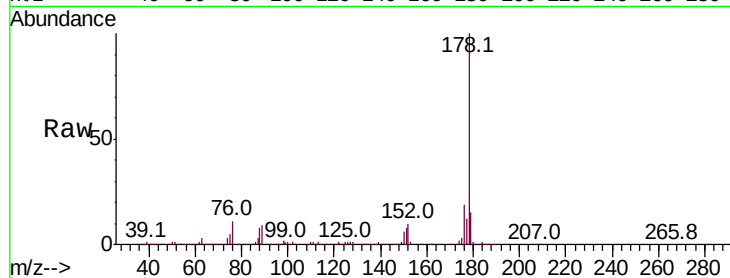




#71
Phenanthrene
Concen: 38.294 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

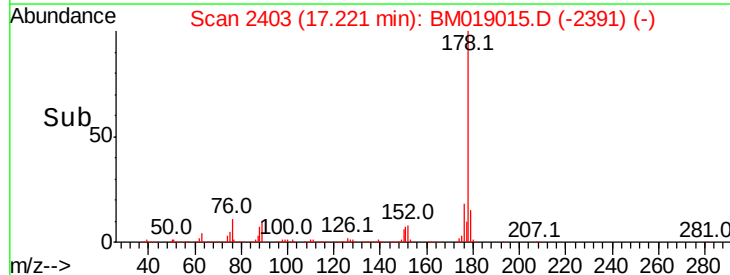
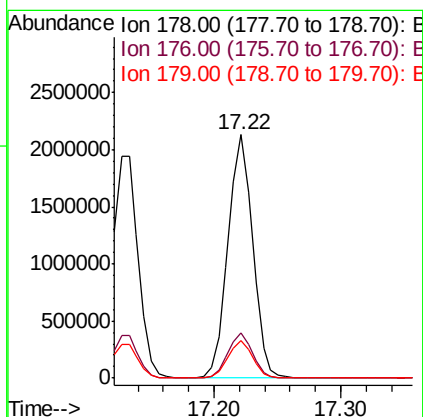
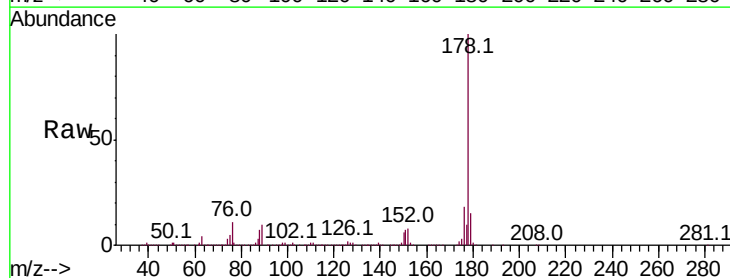
Instrument :
BNA_M
ClientSampleId :

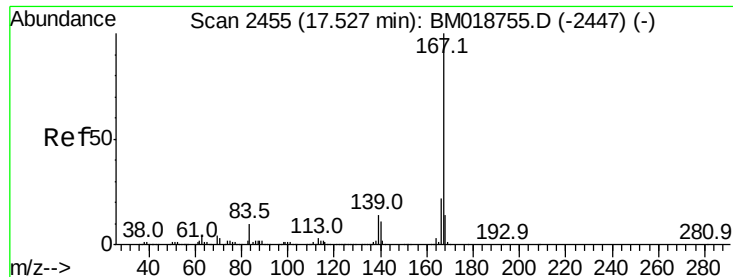
Tot Ion:178 Resp: 2798120
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.3 12.3 18.5



#72
Anthracene
Concen: 40.211 ng
RT: 17.22 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion:178 Resp: 2859833
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.2 12.1 18.1

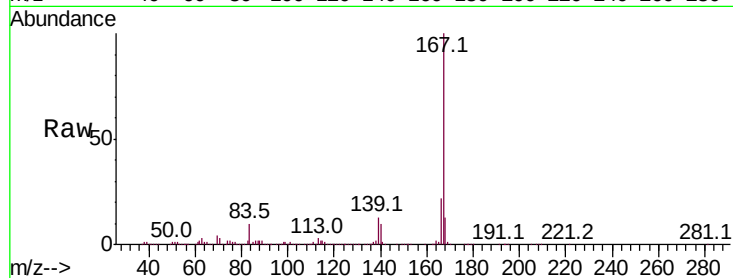




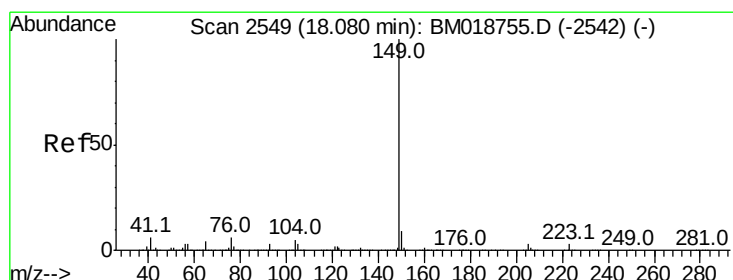
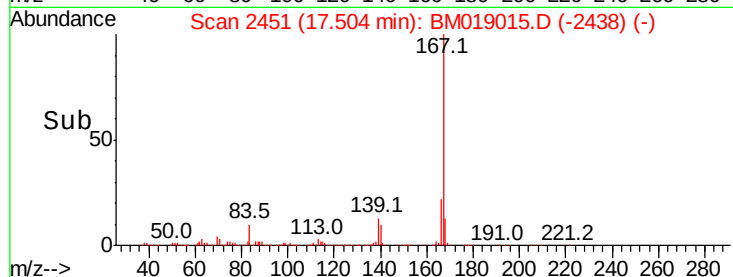
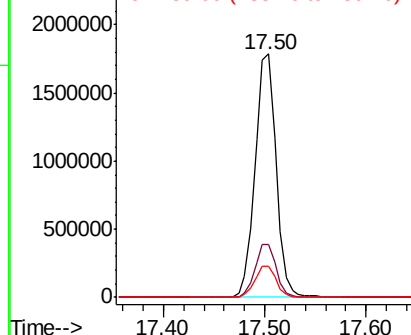
#73
 Carbazole
 Concen: 34.584 ng
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 2569760
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 12.6 10.9 16.3

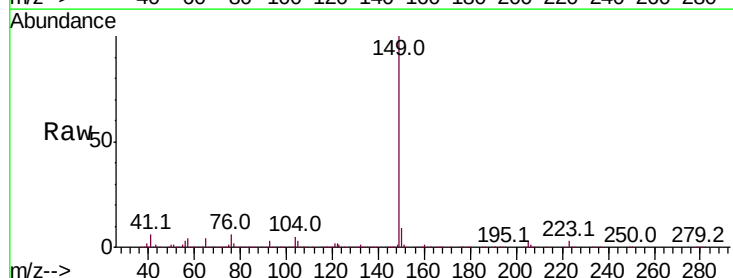


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

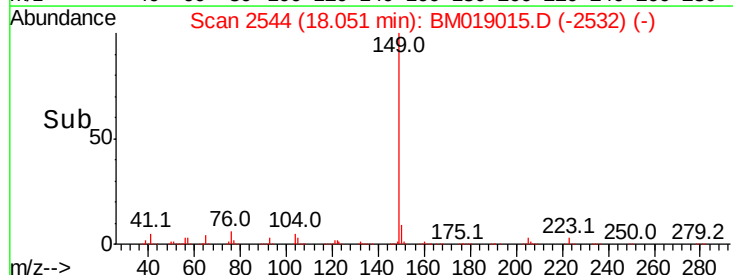
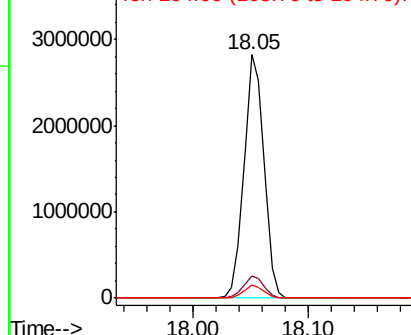


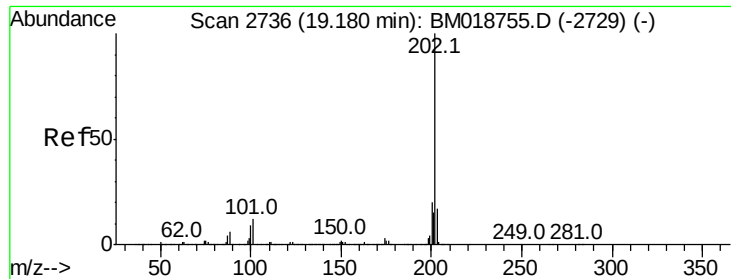
#74
 Di-n-butylphthalate
 Concen: 39.518 ng
 RT: 18.05 min Scan# 2544
 Delta R.T. -0.03 min
 Lab File: BM019015.D
 Acq: 04 Mar 2019 18:29

Tgt Ion:149 Resp: 3376987
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.3 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.038 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.03 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

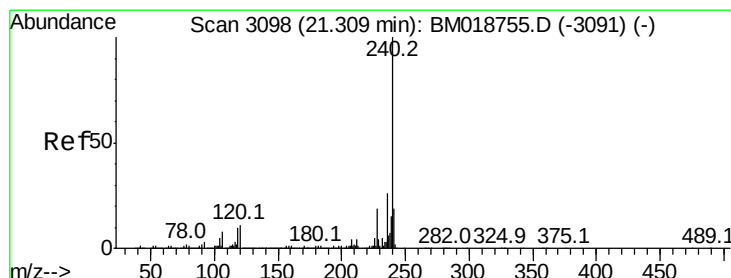
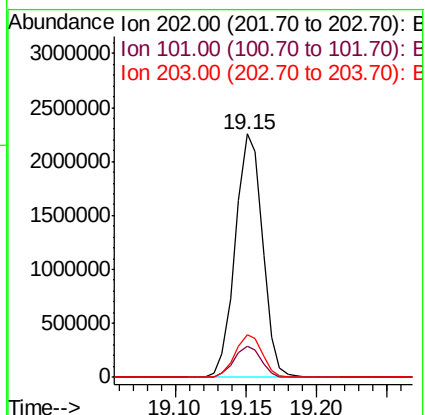
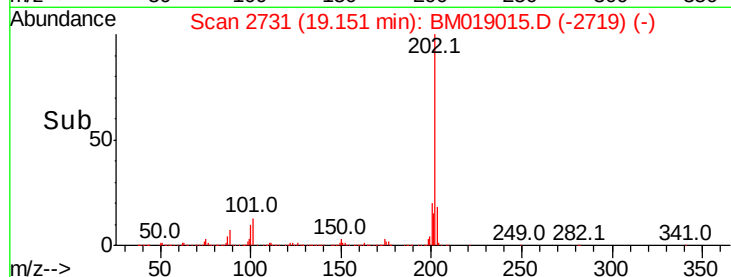
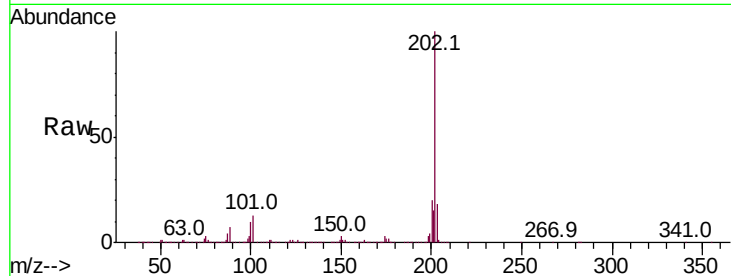
Tot Ion:202 Resp: 3041787

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.5

203 17.6 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: BM019015.D

Acq: 04 Mar 2019 18:29

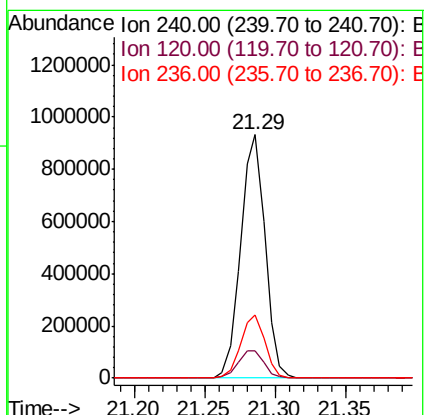
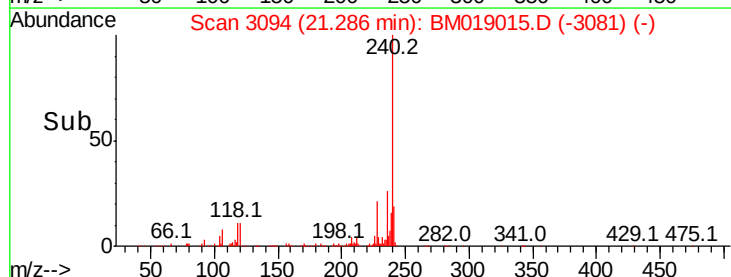
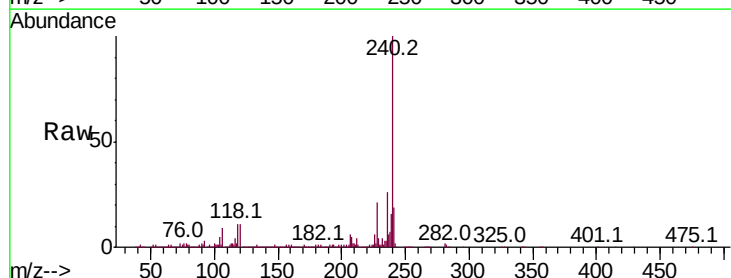
Tgt Ion:240 Resp: 1127717

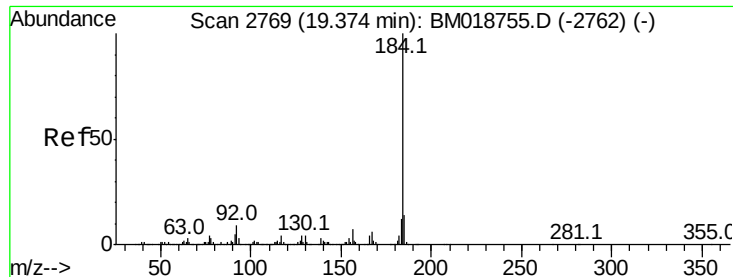
Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 25.7 20.9 31.3





#77

Benzidine

Concen: 11.847 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

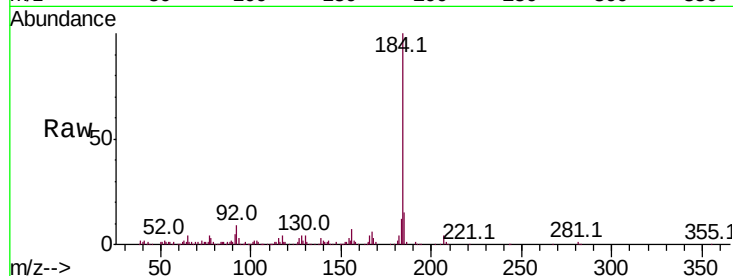
Tot Ion:184 Resp: 300894

Ion Ratio Lower Upper

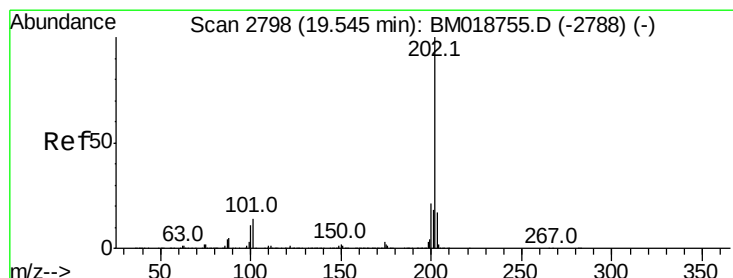
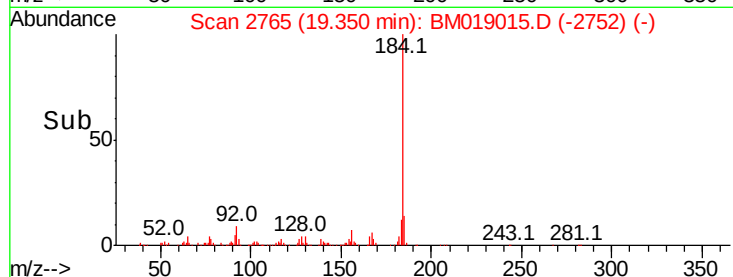
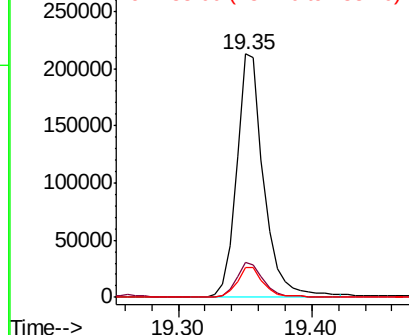
184 100

185 14.6 11.2 16.8

183 12.4 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.869 ng

RT: 19.52 min Scan# 2793

Delta R.T. -0.03 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

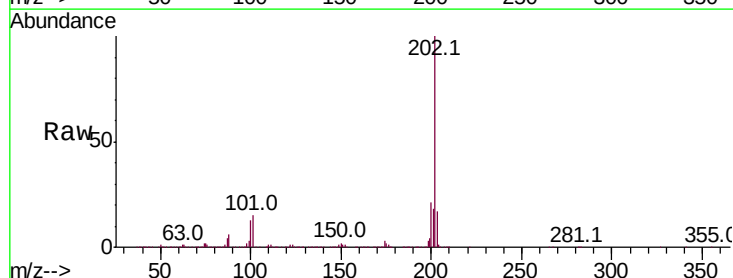
Tgt Ion:202 Resp: 3069762

Ion Ratio Lower Upper

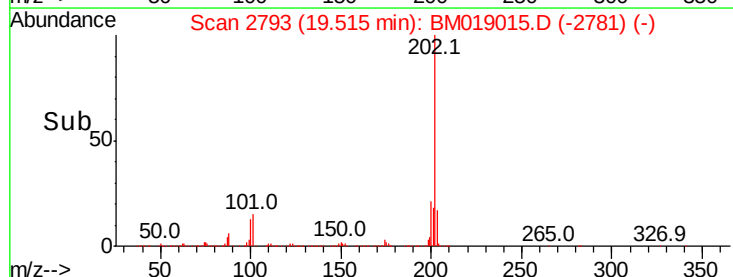
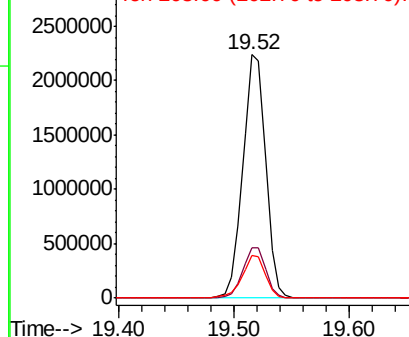
202 100

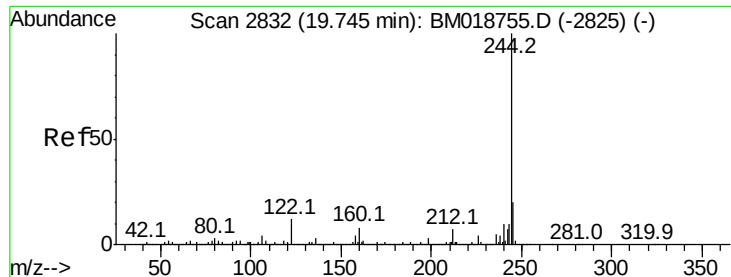
200 20.8 16.9 25.3

203 17.4 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.507 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.02 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

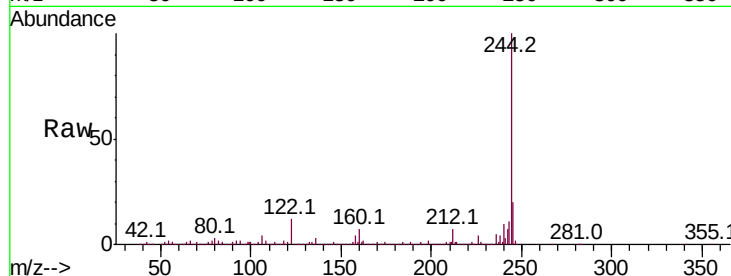
Tot Ion:244 Resp: 4783716

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

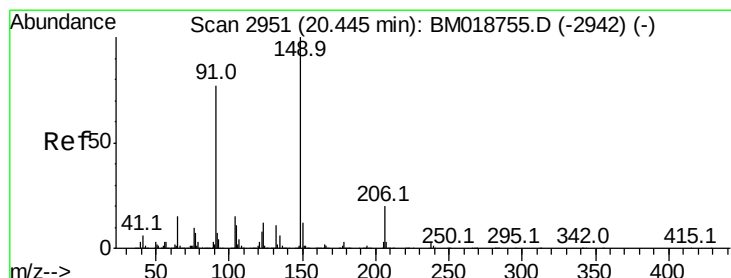
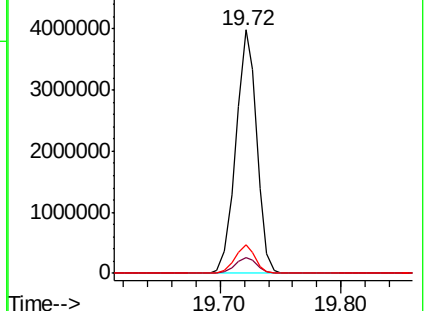
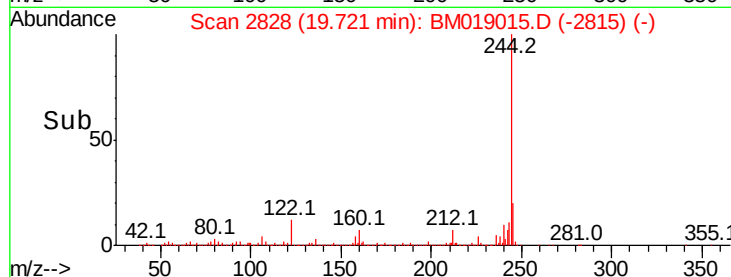
122 11.7 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.240 ng

RT: 20.42 min Scan# 2947

Delta R.T. -0.02 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

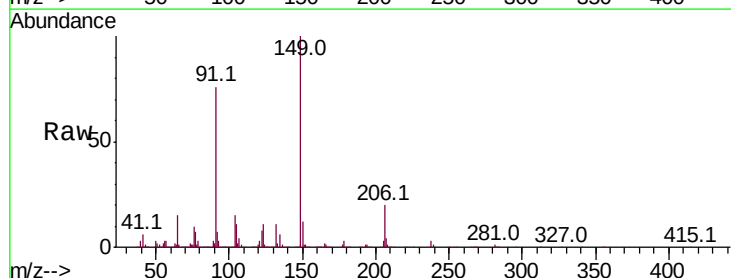
Tgt Ion:149 Resp: 1439949

Ion Ratio Lower Upper

149 100

91 76.3 61.4 92.0

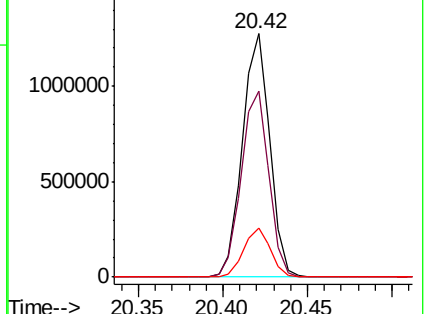
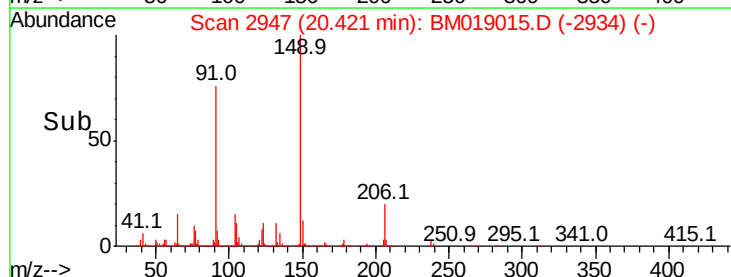
206 20.4 15.8 23.8

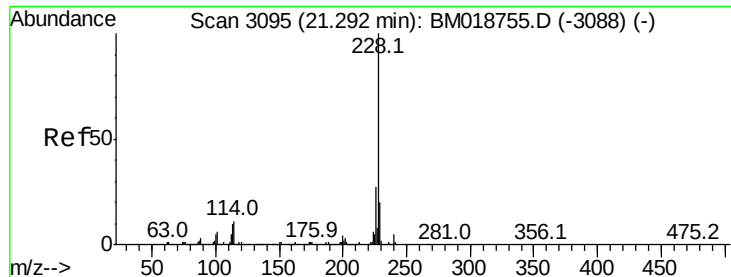


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.425 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampled :

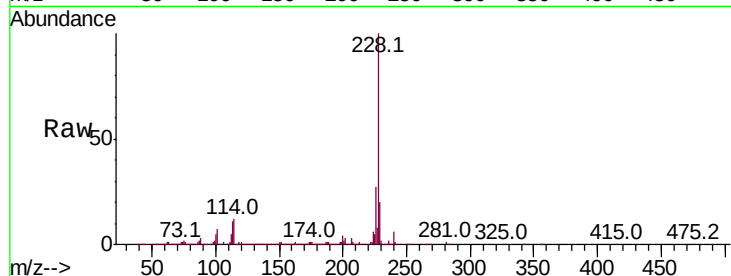
Tot Ion:228 Resp: 2591659

Ion Ratio Lower Upper

228 100

226 27.0 21.9 32.9

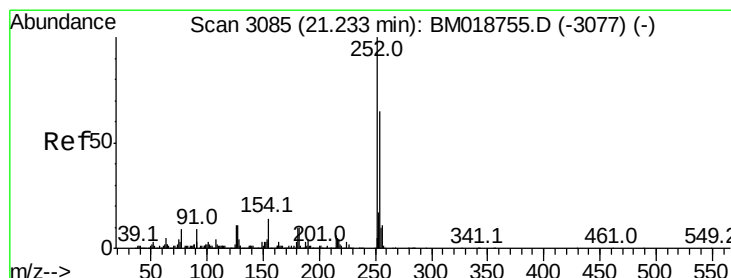
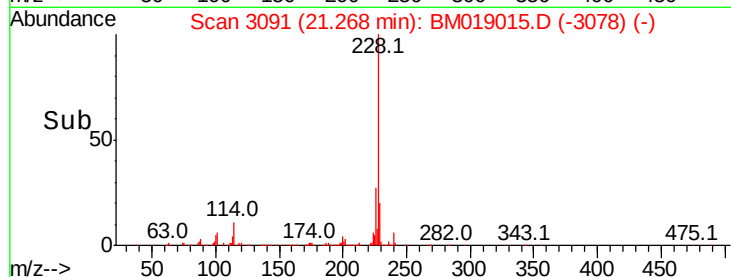
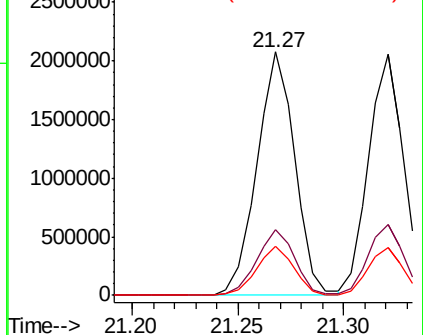
229 19.9 15.9 23.9



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: 23.030 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.02 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

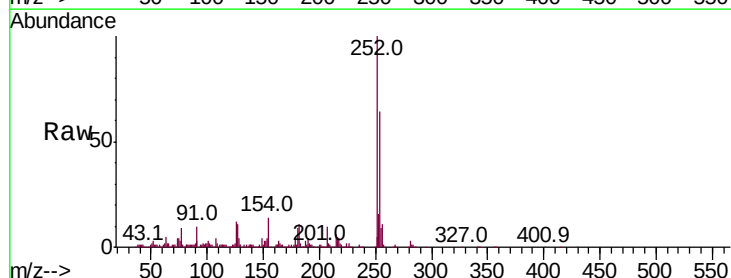
Tgt Ion:252 Resp: 598335

Ion Ratio Lower Upper

252 100

254 64.0 51.8 77.8

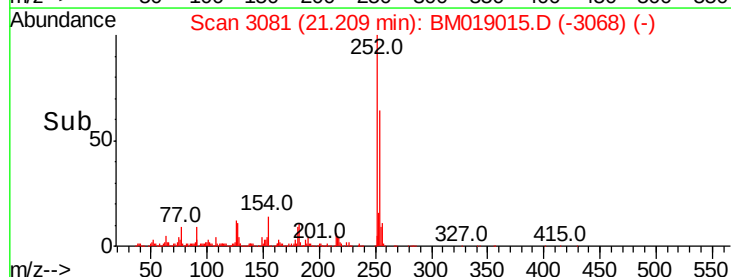
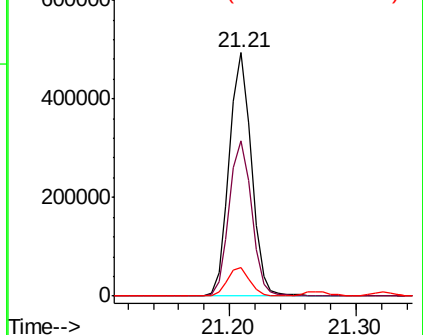
126 11.7 9.1 13.7

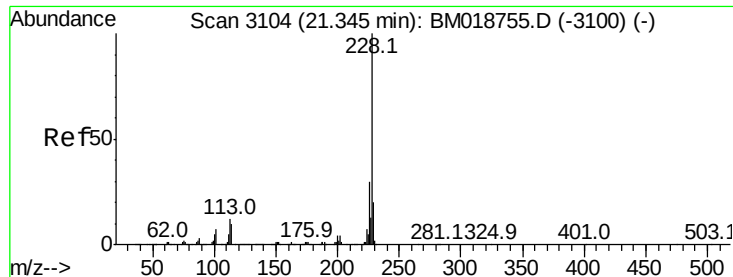


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.030 ng

RT: 21.32 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

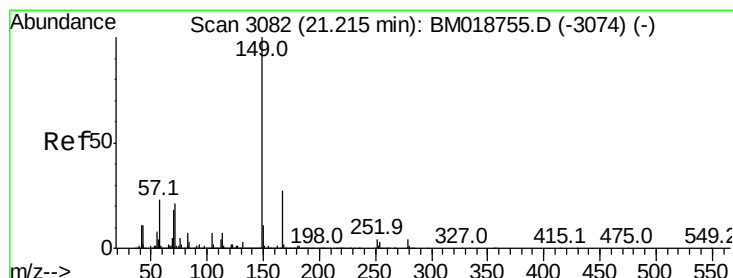
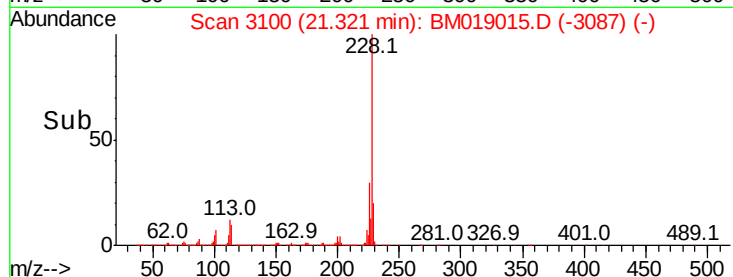
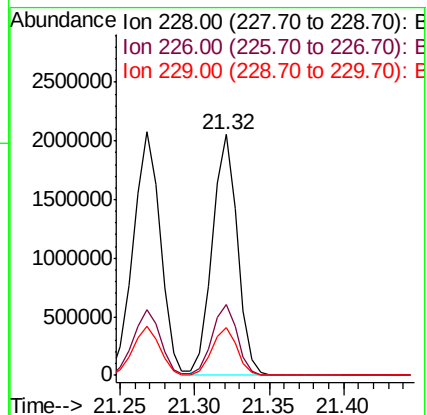
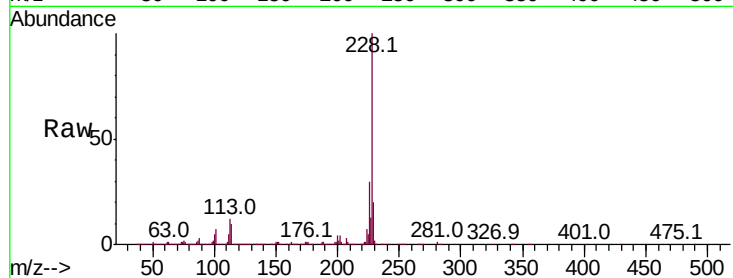
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 2396203

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.6	16.0	24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.714 ng

RT: 21.19 min Scan# 3078

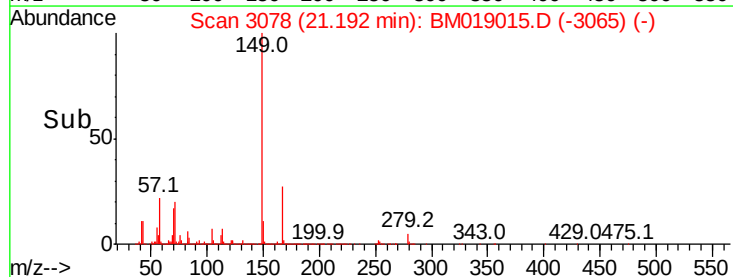
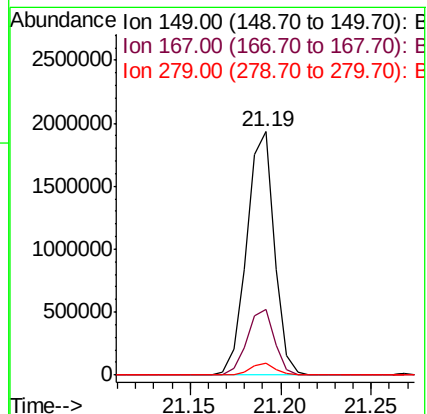
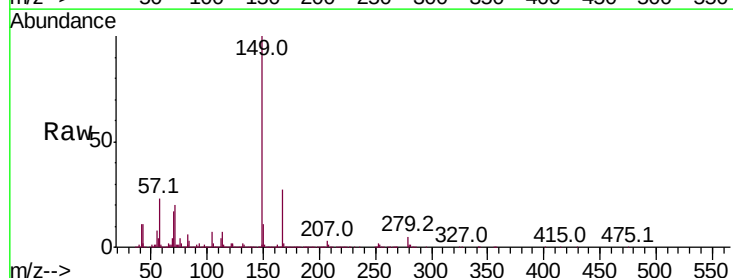
Delta R.T. -0.02 min

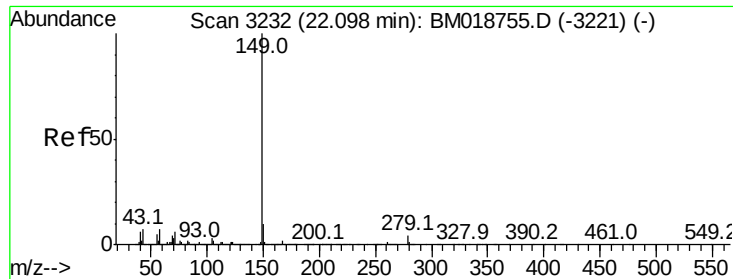
Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Tgt Ion:149 Resp: 2040859

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.6
279	4.7	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 43.195 ng

RT: 22.07 min Scan# 3227

Delta R.T. -0.03 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

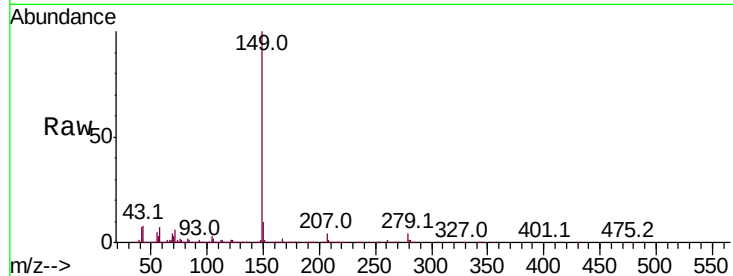
Tot Ion:149 Resp: 3171700

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

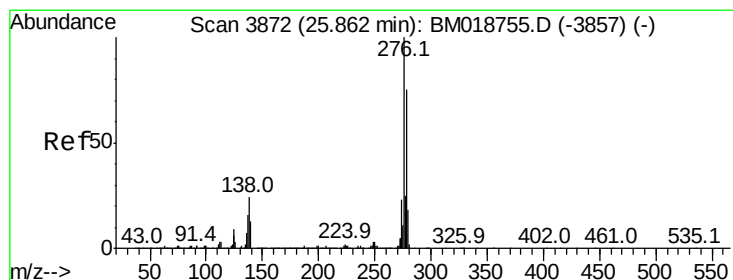
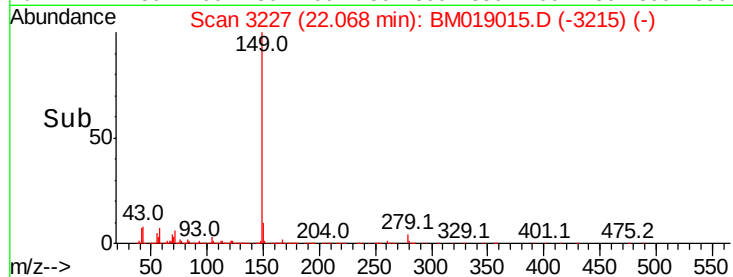
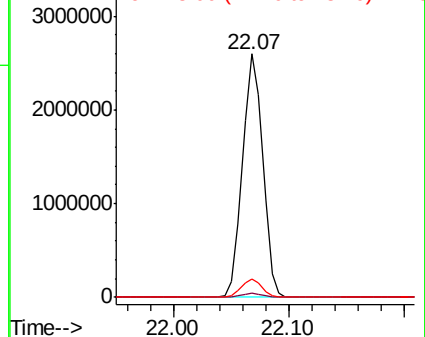
43 7.5 6.0 9.0



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: 35.800 ng

RT: 25.81 min Scan# 3863

Delta R.T. -0.05 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

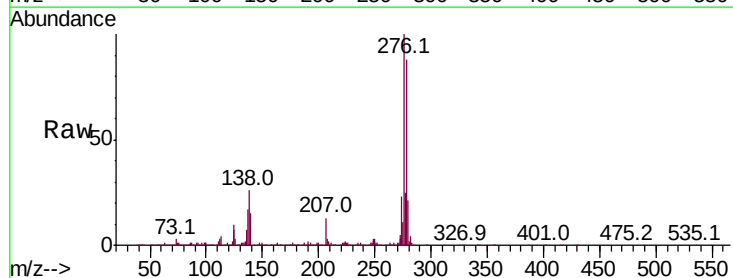
Tgt Ion:276 Resp: 2604283

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.4

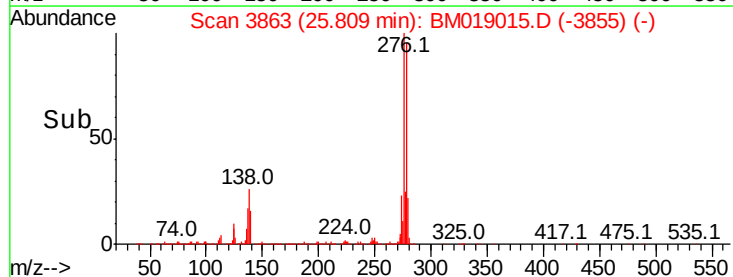
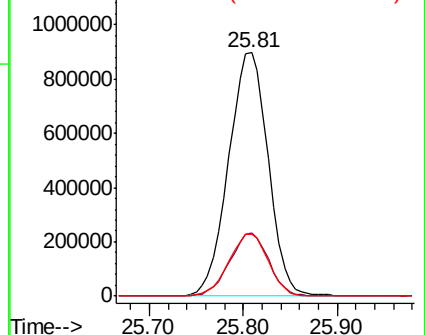
277 25.3 20.3 30.5

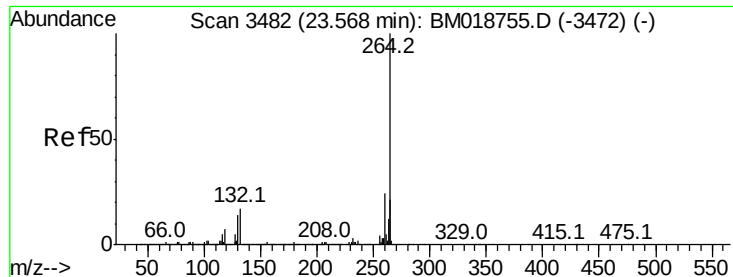


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM019015.D

Acq: 04 Mar 2019 18:29

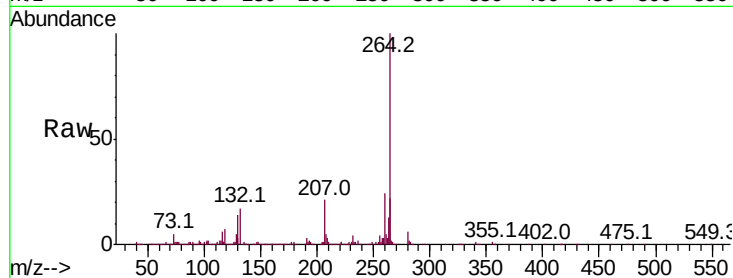
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 998439

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.1	17.3	25.9

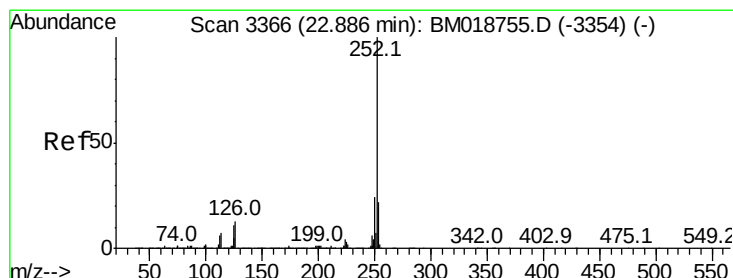
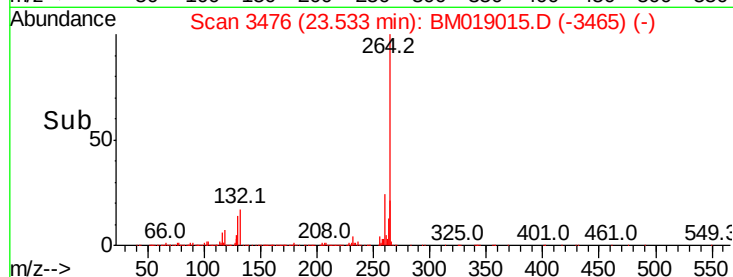
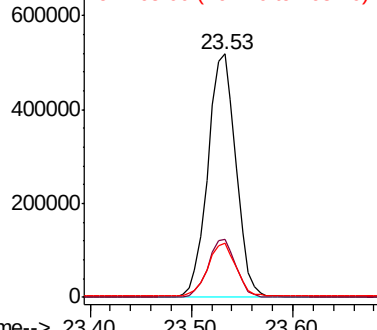


Abundance

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: 39.849 ng

RT: 22.85 min Scan# 3360

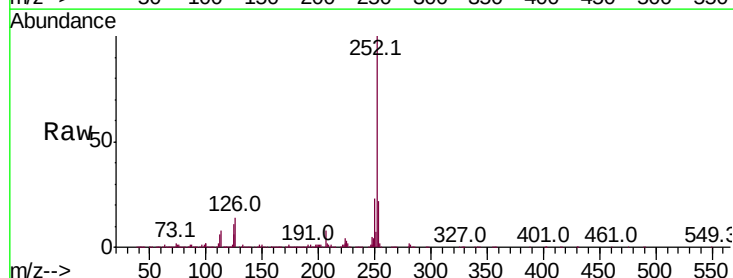
Delta R.T. -0.04 min

Lab File: BM019015.D

Acq: 04 Mar 2019 18:29

Tgt Ion:252 Resp: 2276341

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.9	8.6	12.8

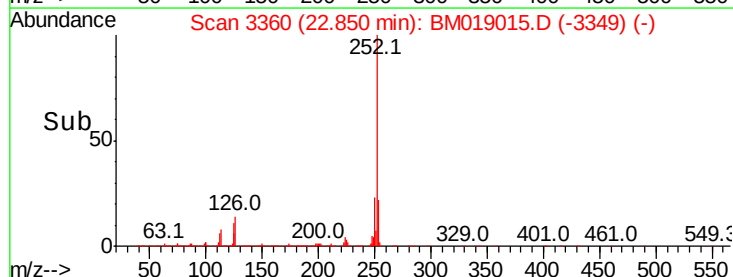
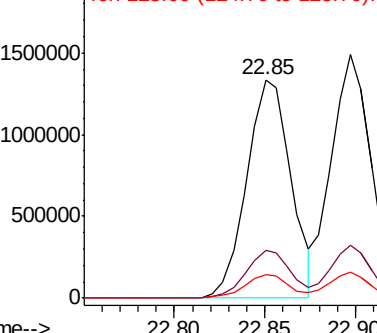


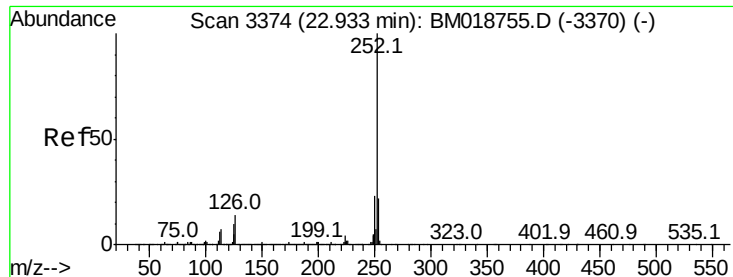
Abundance

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

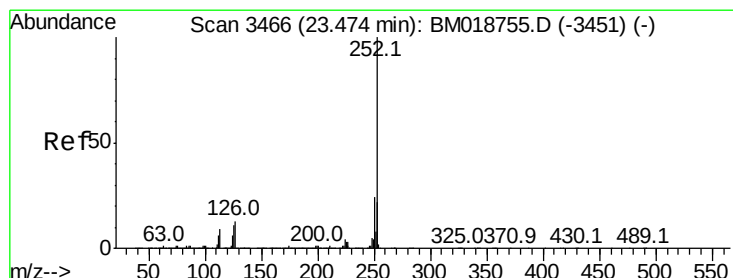
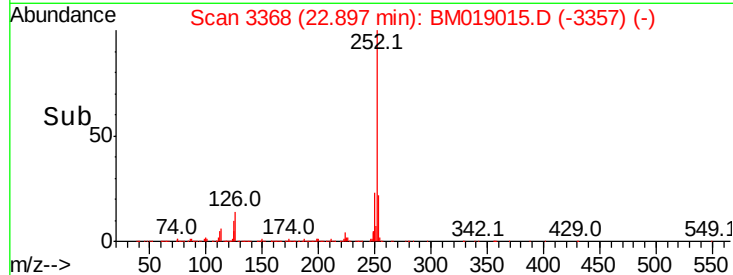
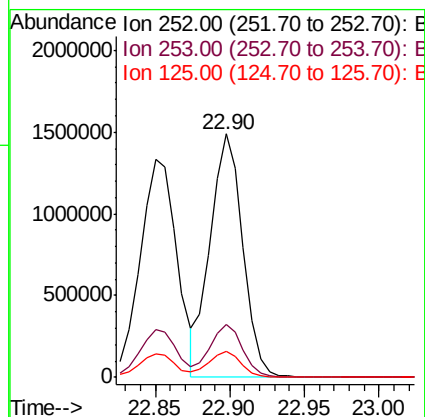
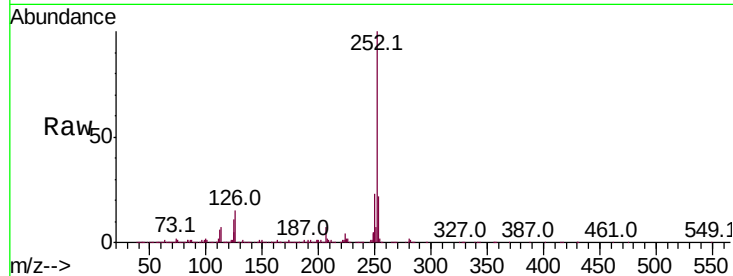




#89
Benzo(k)fluoranthene
Concen: 39.759 ng
RT: 22.90 min Scan# 3368
Delta R.T. -0.04 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

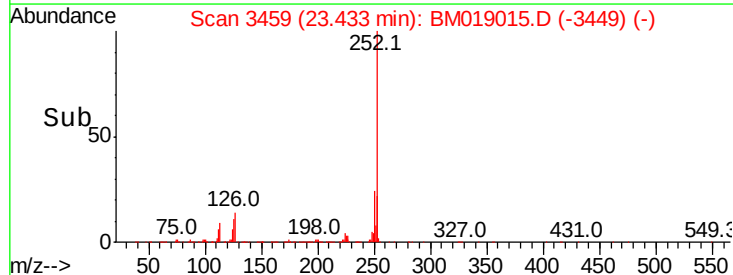
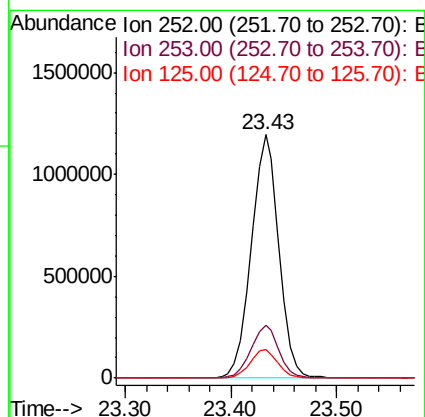
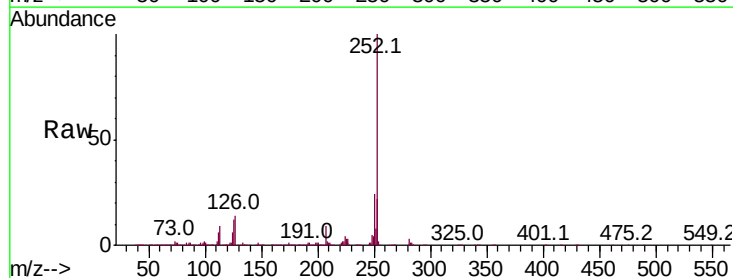
Instrument :
BNA_M
ClientSampleId :

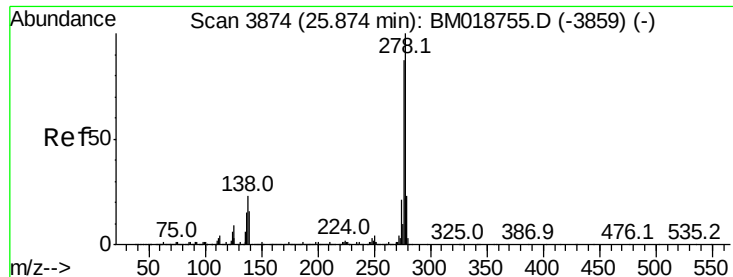
Tot Ion:252 Resp: 2261141
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.7 8.2 12.4



#90
Benzo(a)pyrene
Concen: 39.808 ng
RT: 23.43 min Scan# 3459
Delta R.T. -0.04 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion:252 Resp: 2154219
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 11.6 8.6 13.0

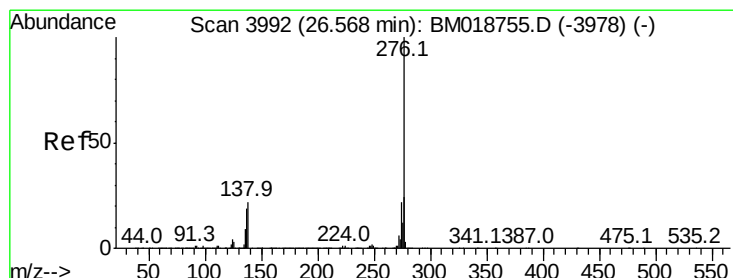
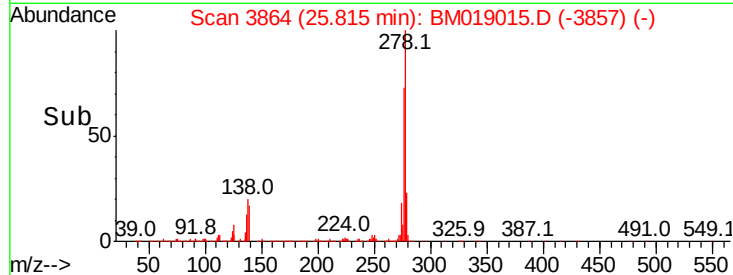
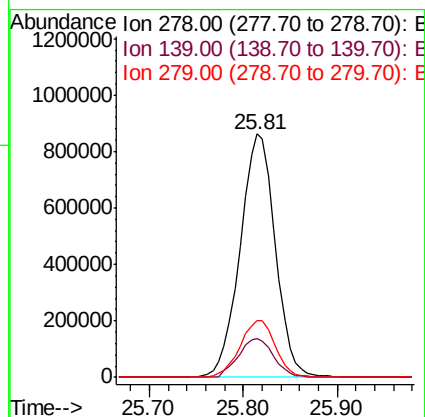
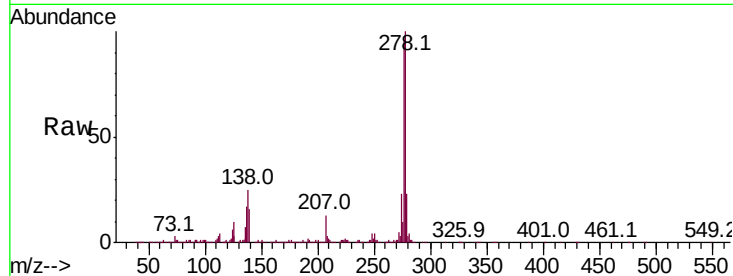




#91
Dibenzo(a,h)anthracene
Concen: 41.525 ng
RT: 25.81 min Scan# 3864
Delta R.T. -0.06 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 2226321
Ion Ratio Lower Upper
278 100
139 16.2 12.6 18.8
279 23.4 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 42.418 ng
RT: 26.50 min Scan# 3981
Delta R.T. -0.06 min
Lab File: BM019015.D
Acq: 04 Mar 2019 18:29

Tgt Ion:276 Resp: 2117258
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 21.9 17.3 25.9

