

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
 Data File : BM018742.D
 Acq On : 07 Feb 2019 17:53
 Operator : JU/SJ
 Sample : K1390-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)MSD

Quant Time: Feb 08 10:06:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	220805	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	813818	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	422684	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	833168	20.00	ng	0.00
76) Chrysene-d12	21.31	240	854129	20.00	ng	0.00
87) Perylene-d12	23.57	264	974610	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1783119	149.11	ng	0.00
7) Phenol-d6	6.89	99	2257498	148.64	ng	0.00
23) Nitrobenzene-d5	8.89	82	1341543	95.56	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	739452	137.39	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	2873266	88.70	ng	0.00
79) Terphenyl-d14	19.74	244	3465476	85.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	189366	38.854	ng	98
3) Pyridine	3.65	79	503216	41.413	ng	97
4) n-Nitrosodimethylamine	3.57	42	287497	57.217	ng	# 91
6) Aniline	7.06	93	635224	37.493	ng	99
8) 2-Chlorophenol	7.28	128	693054	49.624	ng	97
9) Benzaldehyde	6.88	77	315449	34.782	ng	94
10) Phenol	6.92	94	794886	51.503	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	561566	46.307	ng	96
12) 1,3-Dichlorobenzene	7.60	146	743705	44.714	ng	98
13) 1,4-Dichlorobenzene	7.75	146	758844	45.015	ng	99
14) 1,2-Dichlorobenzene	8.06	146	732017	45.795	ng	99
15) Benzyl Alcohol	7.96	79	544631	49.648	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.25	45	720367	46.482	ng	# 19
17) 2-Methylphenol	8.16	107	528574	50.454	ng	99
18) Hexachloroethane	8.78	117	423420	70.445	ng	87
19) n-Nitroso-di-n-propylamine	8.53	70	464998	47.045	ng	96
20) 3+4-Methylphenols	8.49	107	704613	48.721	ng	98
22) Acetophenone	8.55	105	891406	44.278	ng	# 98
24) Nitrobenzene	8.93	77	680672	49.278	ng	96
25) Isophorone	9.45	82	1205428	56.705	ng	# 95
26) 2-Nitrophenol	9.63	139	370710	55.504	ng	92
27) 2,4-Dimethylphenol	9.69	122	579242	57.861	ng	96
28) bis(2-Chloroethoxy)methane	9.93	93	727644	49.549	ng	97
29) 2,4-Dichlorophenol	10.16	162	621260	52.116	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	678788	45.876	ng	99
31) Naphthalene	10.56	128	2045040	52.178	ng	97
32) Benzoic acid	9.77	122	78665	16.592	ng	# 35
33) 4-Chloroaniline	10.68	127	490668	31.788	ng	# 96
34) Hexachlorobutadiene	10.82	225	402760	43.087	ng	99
35) Caprolactam	11.50	113	298796	73.724	ng	# 53
36) 4-Chloro-3-methylphenol	11.80	107	593878	47.486	ng	99
37) 2-Methylnaphthalene	12.17	142	1524507	55.053	ng	99
38) 1-Methylnaphthalene	12.39	142	1376424	51.371	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	704598	47.669	ng	99

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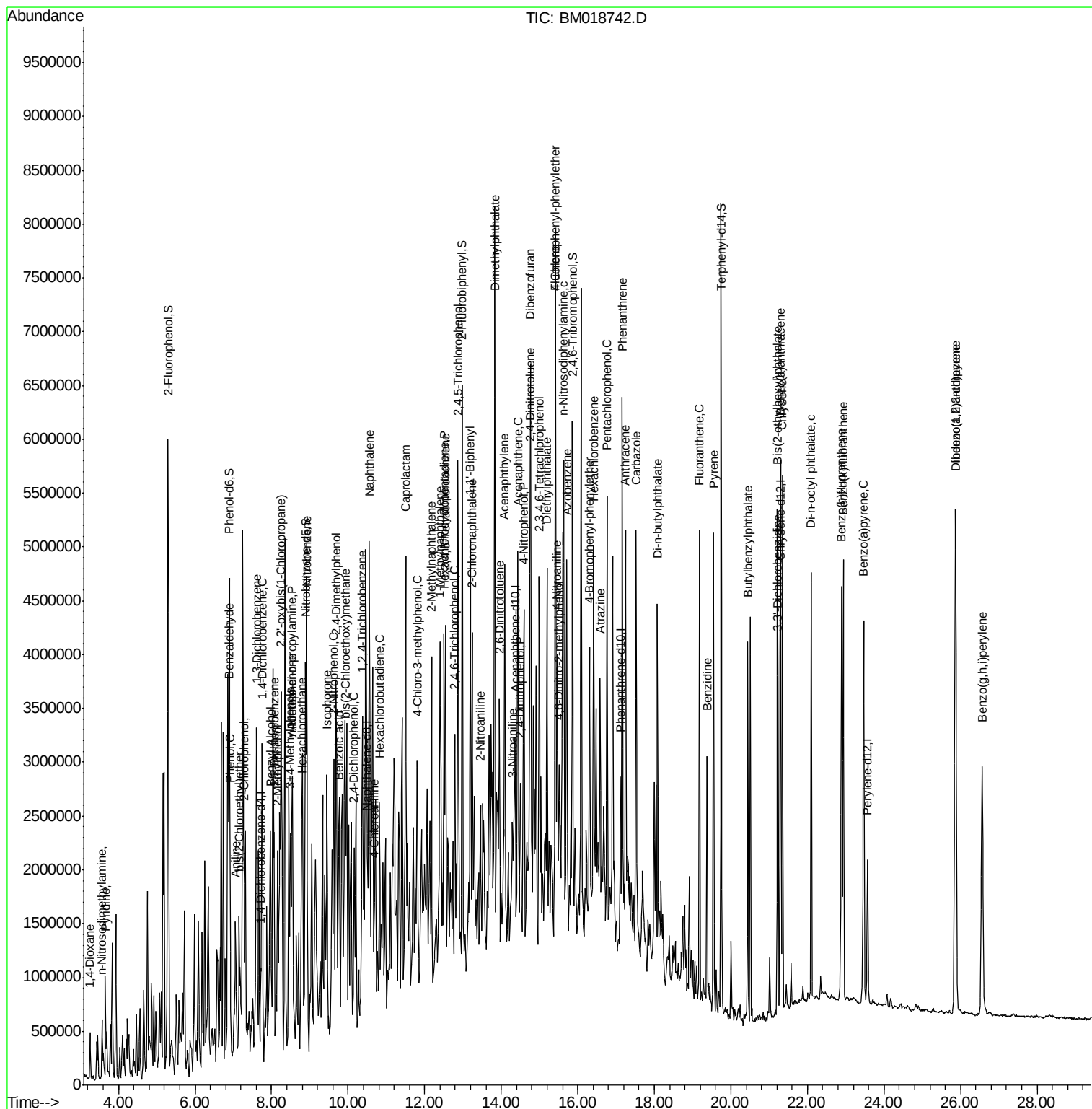
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	804193	99.133	nq	99
43) 2,4,6-Trichlorophenol	12.79	196	474726	52.889	nq	99
44) 2,4,5-Trichlorophenol	12.86	196	487401	51.631	nq	# 94
46) 1,1'-Biphenyl	13.20	154	1774797	48.089	nq	99
47) 2-Chloronaphthalene	13.24	162	1320161	46.128	nq	99
48) 2-Nitroaniline	13.46	65	342083	48.584	nq	# 90
49) Acenaphthylene	14.09	152	2096591	50.269	nq	97
50) Dimethylphthalate	13.83	163	1677517	48.324	nq	100
51) 2,6-Dinitrotoluene	13.96	165	344892	46.904	nq	92
52) Acenaphthene	14.43	154	1233522	48.337	nq	98
53) 3-Nitroaniline	14.29	138	323360	43.619	nq	97
54) 2,4-Dinitrophenol	14.50	184	210087	55.228	nq	95
55) Dibenzofuran	14.77	168	1910340	45.306	nq	# 94
56) 4-Nitrophenol	14.60	139	692112	108.070	nq	95
57) 2,4-Dinitrotoluene	14.75	165	519076	49.892	nq	# 99
58) Fluorene	15.42	166	1643503	52.324	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	422635	50.509	nq	# 90
60) Diethylphthalate	15.20	149	1494142	42.636	nq	98
61) 4-Chlorophenyl-phenylether	15.42	204	748053	41.321	nq	98
62) 4-Nitroaniline	15.46	138	291972	36.108	nq	96
63) Azobenzene	15.71	77	1262178	44.175	nq	88
65) 4,6-Dinitro-2-methylphenol	15.51	198	208996	40.326	nq	89
66) n-Nitrosodiphenylamine	15.63	169	1580090	61.138	nq	92
67) 4-Bromophenyl-phenylether	16.31	248	441501	47.353	nq	97
68) Hexachlorobenzene	16.42	284	478583	45.851	nq	98
69) Atrazine	16.59	200	464709	49.738	nq	100
70) Pentachlorophenol	16.76	266	617309	90.304	nq	98
71) Phenanthrene	17.16	178	2805202	63.300	nq	99
72) Anthracene	17.25	178	2329459	54.663	nq	99
73) Carbazole	17.53	167	2068098	47.236	nq	99
74) Di-n-butylphthalate	18.08	149	2378262	49.591	nq	99
75) Fluoranthene	19.18	202	2500076	48.932	nq	99
77) Benzidine	19.38	184	1355248	64.261	nq	99
78) Pyrene	19.54	202	2630316	51.953	nq	99
80) Butylbenzylphthalate	20.44	149	1041320	48.201	nq	99
81) Benzo(a)anthracene	21.29	228	2569604	51.067	nq	99
82) 3,3'-Dichlorobenzidine	21.23	252	829670	43.604	nq	98
83) Chrysene	21.34	228	2413034	49.661	nq	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1465468	46.976	nq	99
85) Di-n-octyl phthalate	22.10	149	2682813	51.132	nq	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	3394972	60.593	nq	98
88) Benzo(b)fluoranthene	22.89	252	2699857	48.795	nq	99
89) Benzo(k)fluoranthene	22.93	252	2738053	49.103	nq	98
90) Benzo(a)pyrene	23.47	252	2734936	51.631	nq	98
91) Dibenzo(a,h)anthracene	25.88	278	2852112	53.139	nq	99
92) Benzo(g,h,i)perylene	26.57	276	2865577	54.864	nq	98

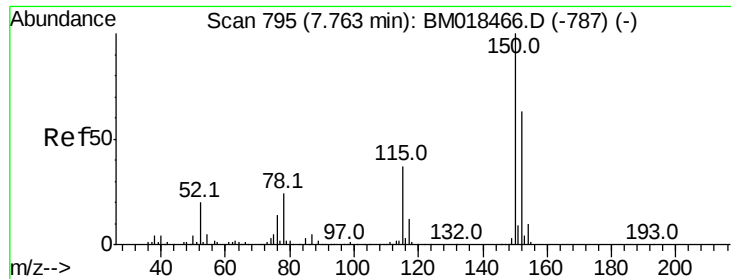
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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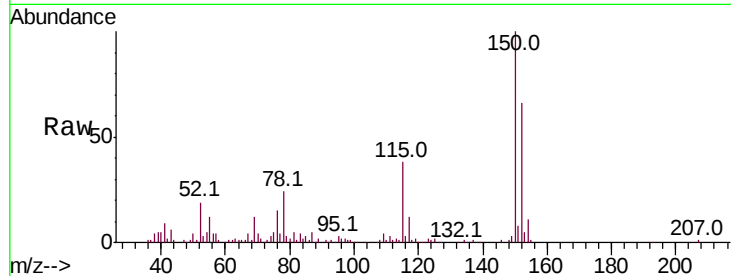


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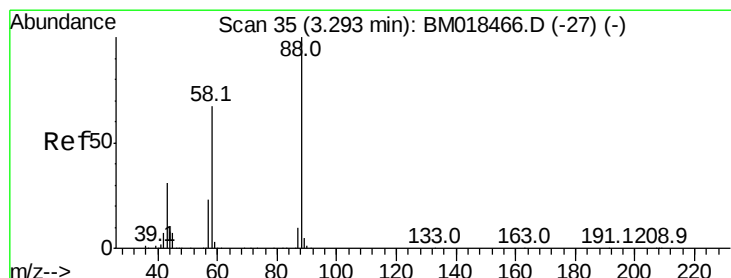
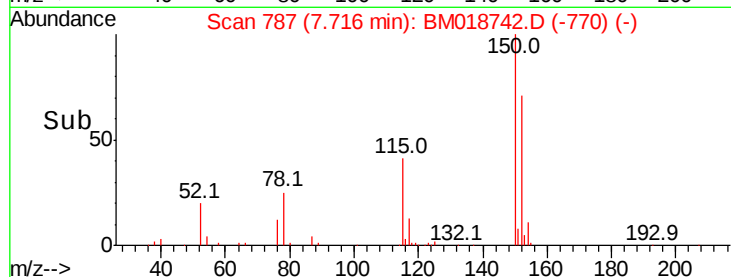
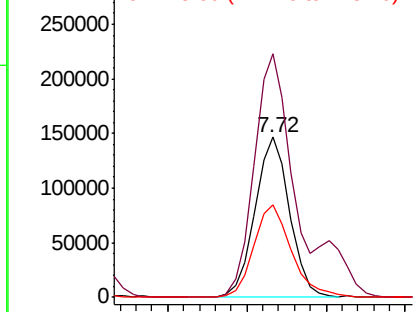
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018742.D
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Tot Ion:152 Resp: 220805
Ion Ratio Lower Upper
152 100
150 152.4 126.9 190.3
115 58.1 45.5 68.3



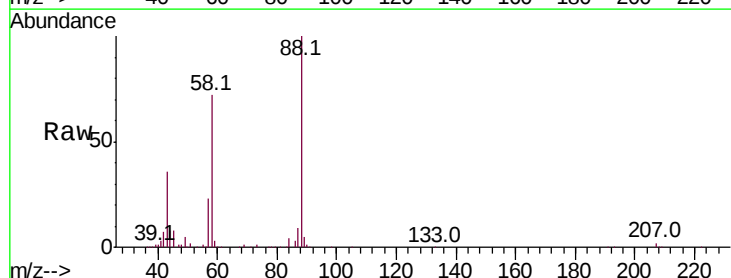
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



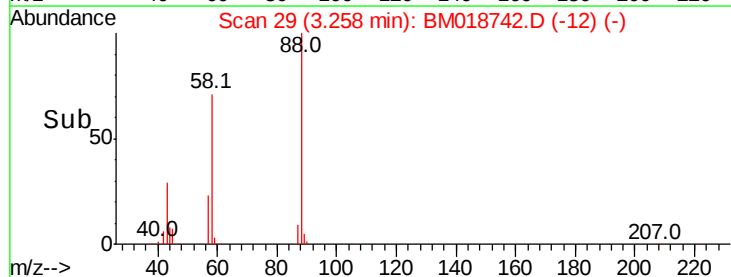
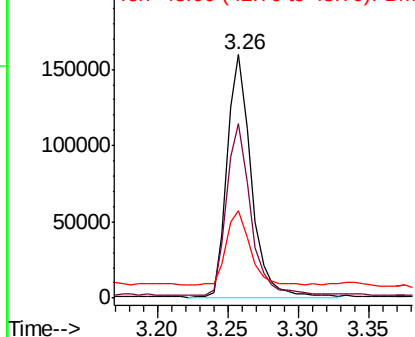
#2

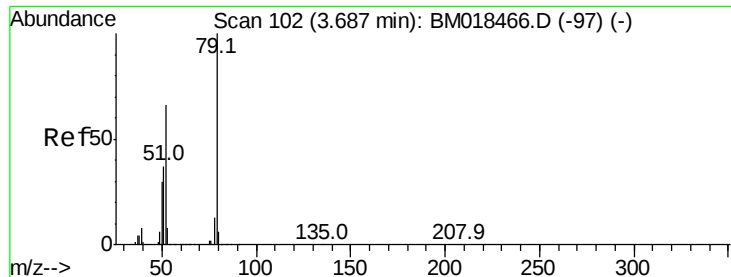
1,4-Dioxane
Concen: 38.854 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion: 88 Resp: 189366
Ion Ratio Lower Upper
88 100
58 72.3 58.4 87.6
43 30.6 26.2 39.4



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: 41.413 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

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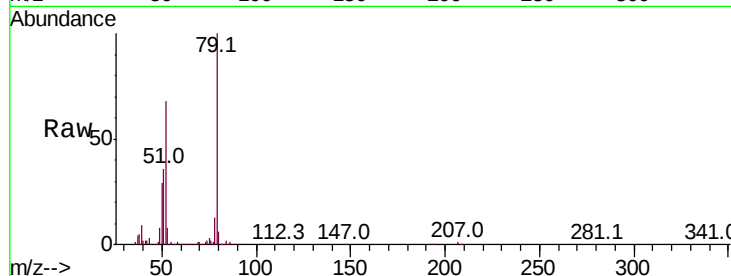
Tot Ion: 79 Resp: 503216

Ion Ratio Lower Upper

79 100

52 68.2 56.4 84.6

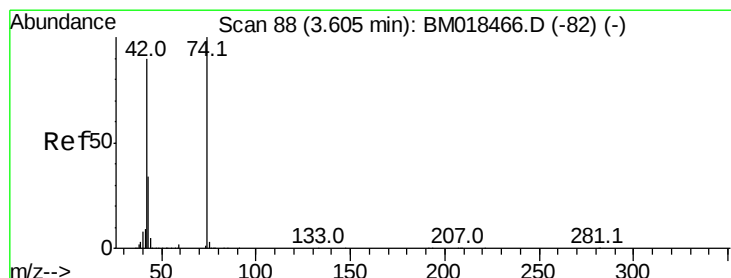
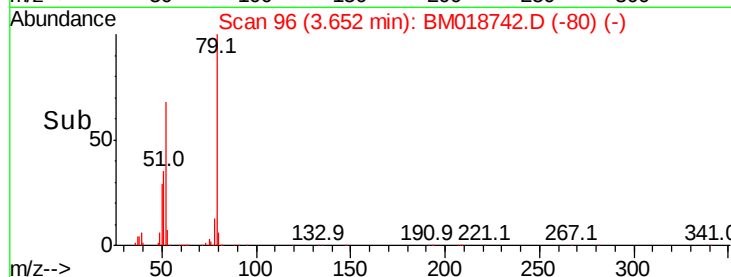
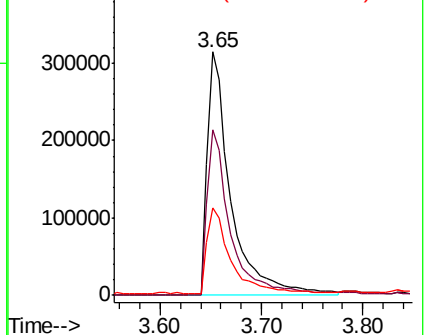
51 35.9 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018466.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 57.217 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

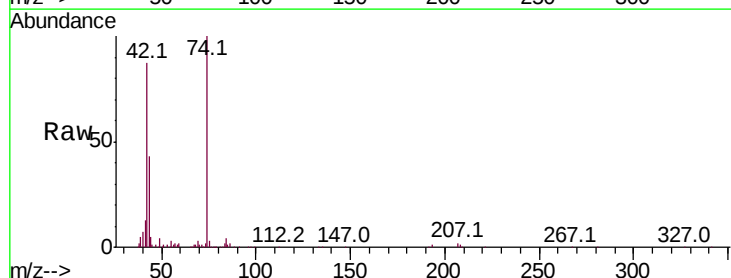
Tgt Ion: 42 Resp: 287497

Ion Ratio Lower Upper

42 100

74 115.4 88.6 132.8

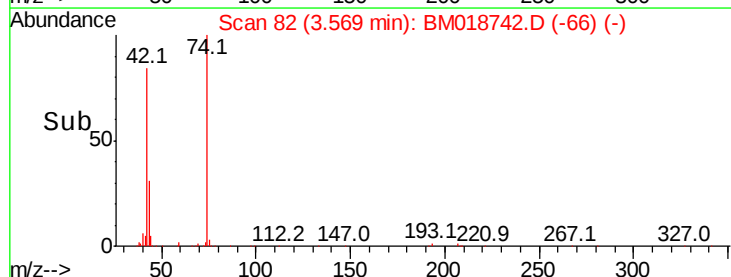
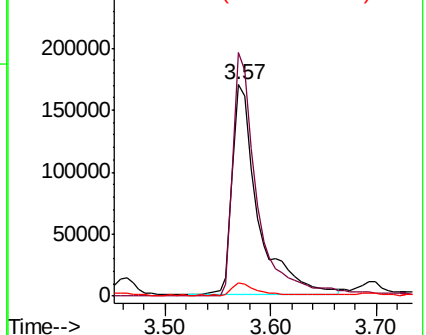
44 6.1 16.9 25.3#

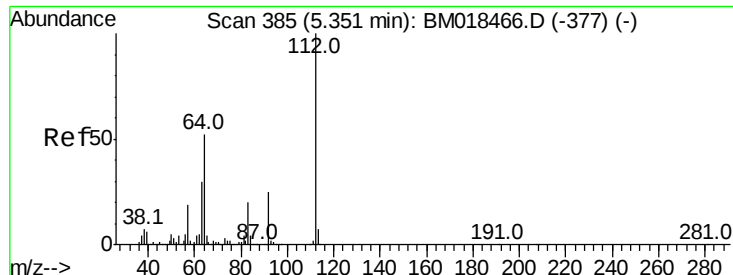


Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

Ion 74.00 (73.70 to 74.70): BM018466.D (-82) (-)

Ion 44.00 (43.70 to 44.70): BM018466.D (-82) (-)





#5

2-Fluorophenol

Concen: 149.114 ng

RT: 5.30 min Scan# 377

Delta R.T. 0.00 min

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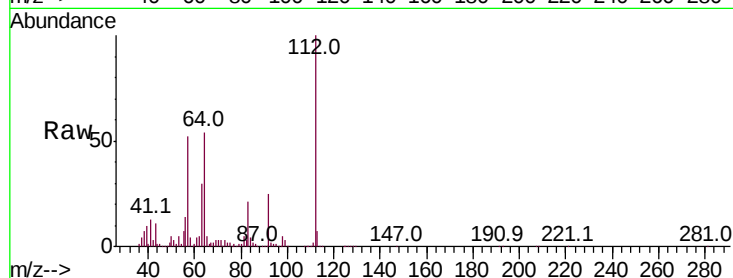
Tot Ion:112 Resp: 1783119

Ion Ratio Lower Upper

112 100

64 54.4 46.5 69.7

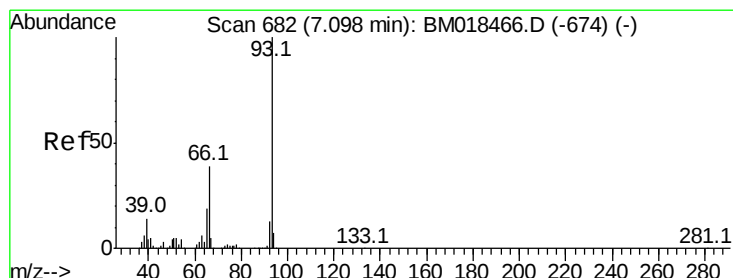
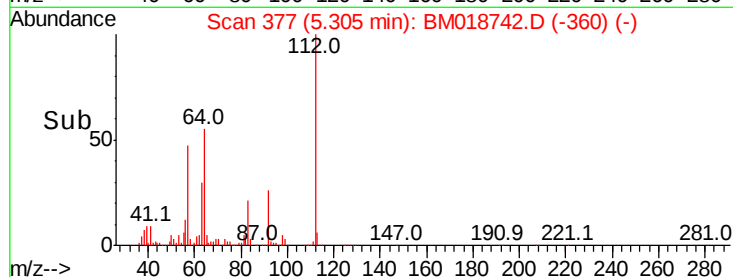
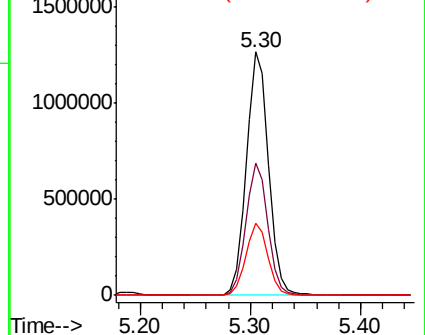
63 29.8 25.2 37.8



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: 37.493 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

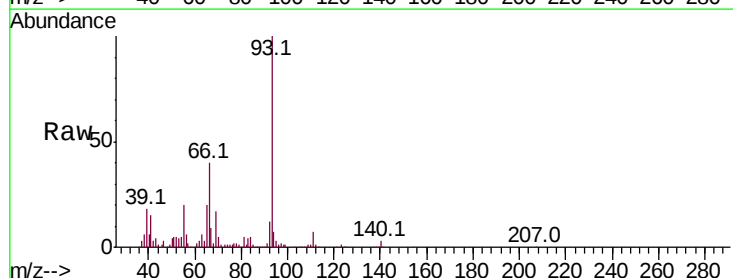
Tgt Ion: 93 Resp: 635224

Ion Ratio Lower Upper

93 100

66 39.8 31.7 47.5

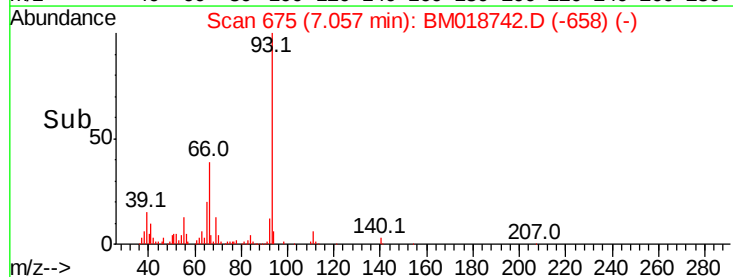
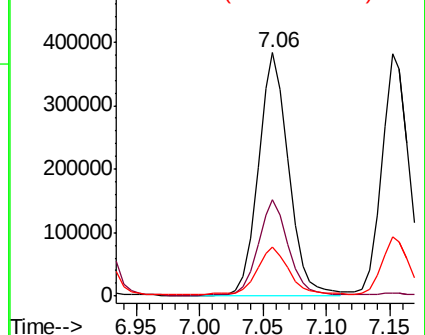
65 20.3 15.9 23.9

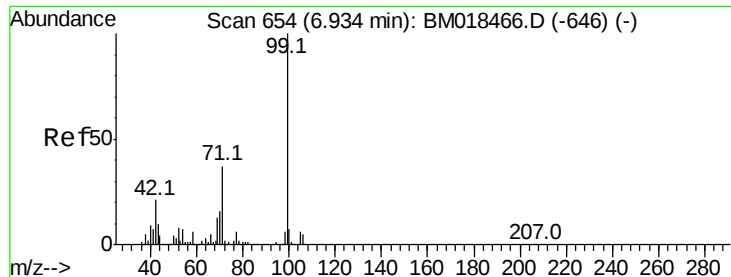


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 148.635 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

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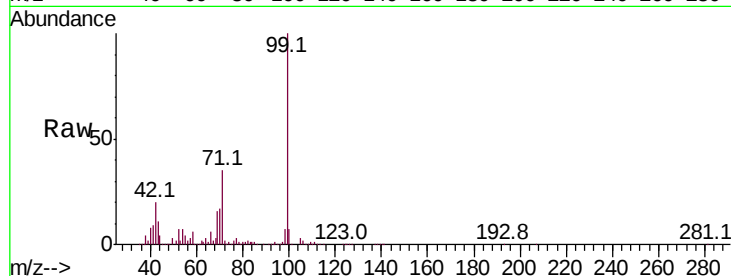
Tot Ion: 99 Resp: 2257498

Ion Ratio Lower Upper

99 100

42 19.8 17.3 25.9

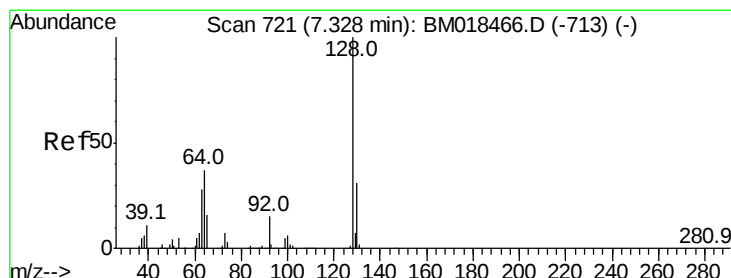
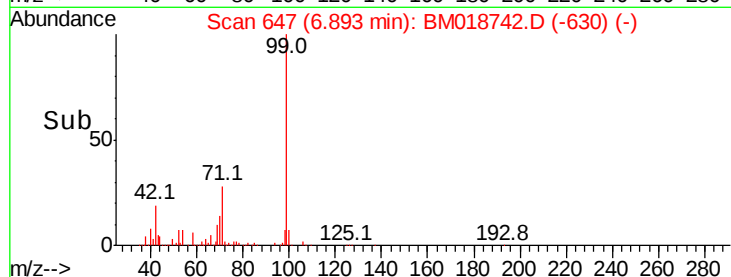
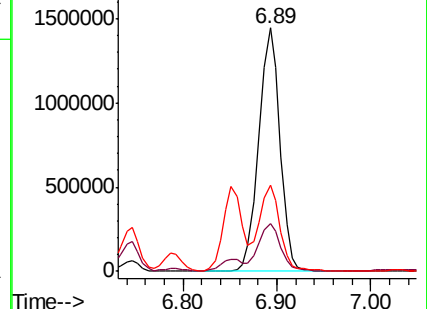
71 35.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 49.624 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BM018742.D

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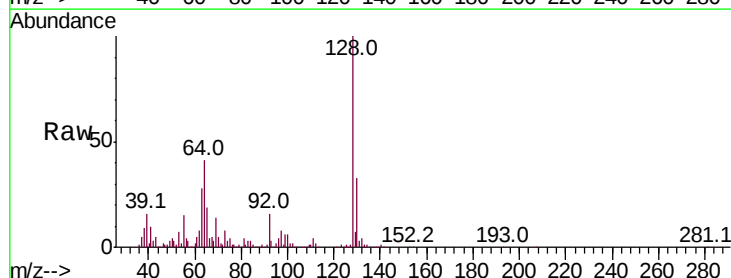
Tgt Ion:128 Resp: 693054

Ion Ratio Lower Upper

128 100

130 33.1 13.6 53.6

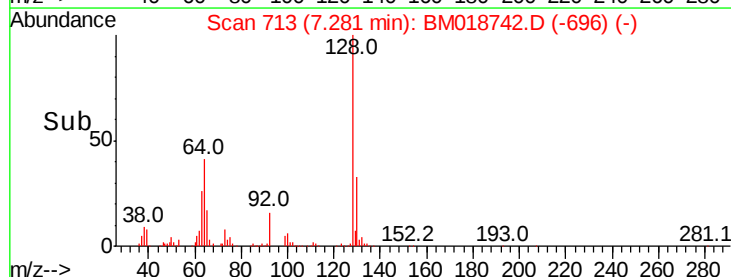
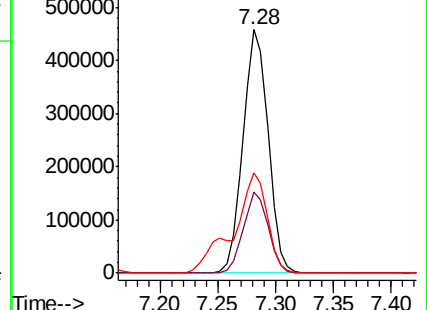
64 41.4 24.8 64.8

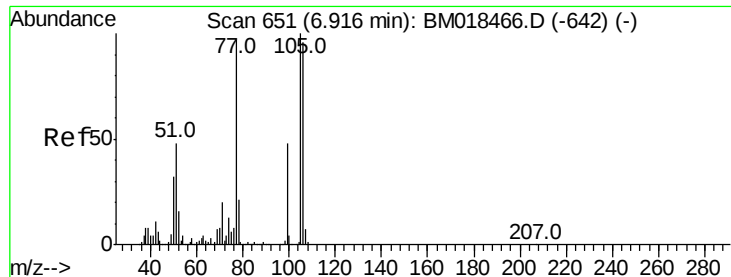


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 34.782 ng

RT: 6.88 min Scan# 644

Delta R.T. 0.00 min

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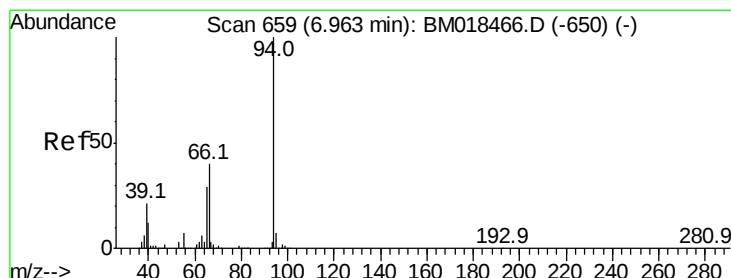
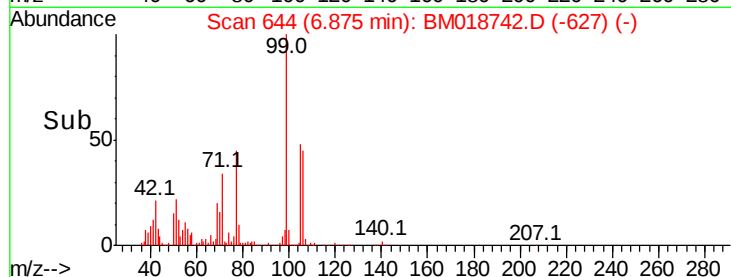
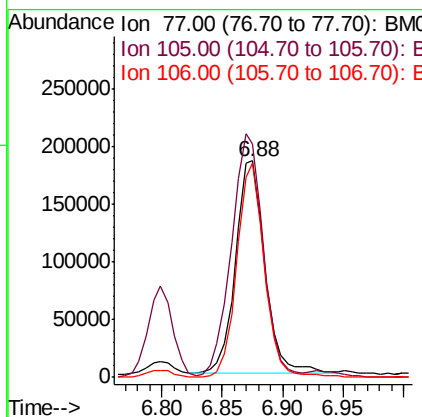
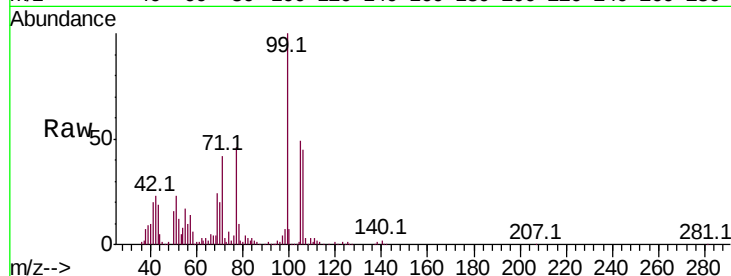
Tot Ion: 77 Resp: 315449

Ion Ratio Lower Upper

77 100

105 107.7 79.7 119.7

106 98.6 75.2 115.2



#10

Phenol

Concen: 51.503 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

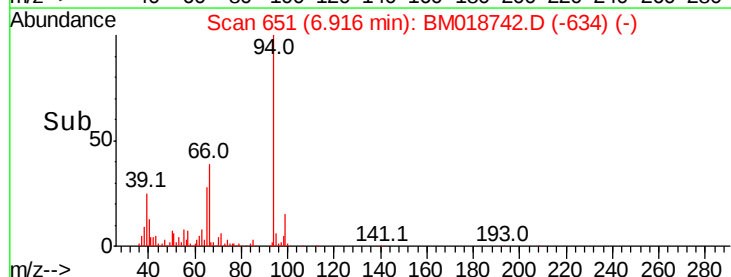
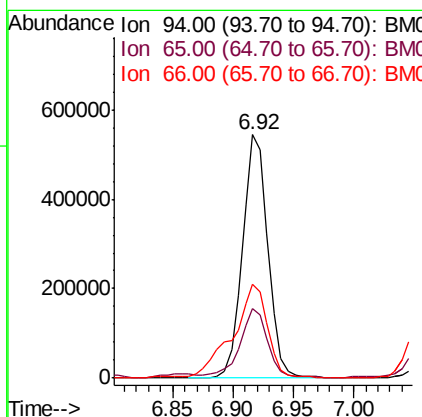
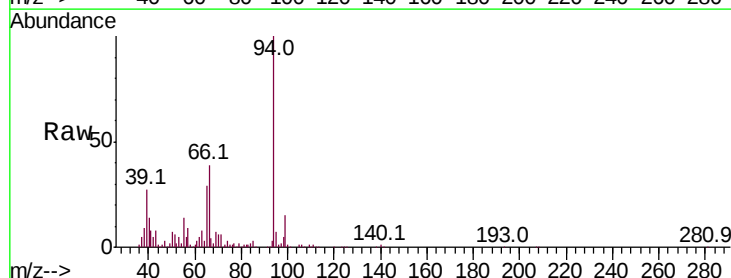
Tgt Ion: 94 Resp: 794886

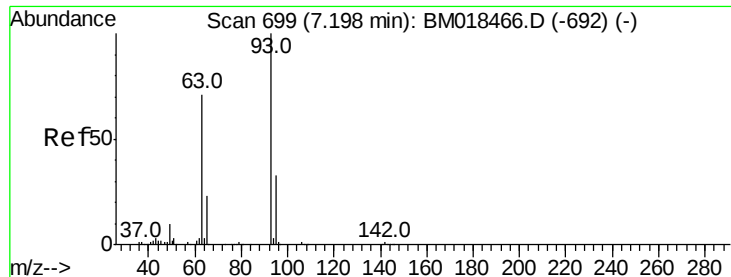
Ion Ratio Lower Upper

94 100

65 28.8 9.4 49.4

66 38.7 19.1 59.1

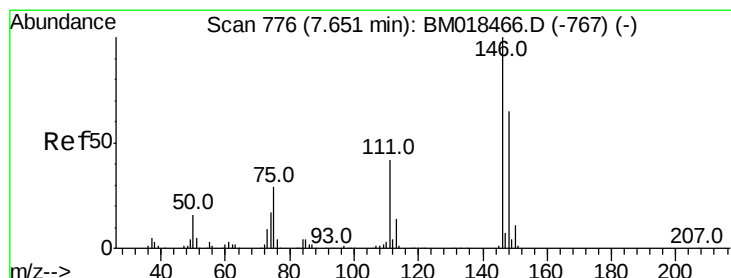
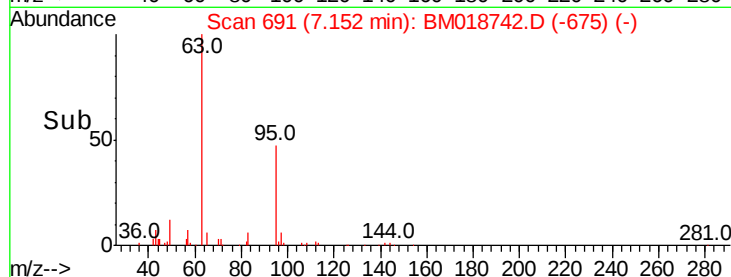
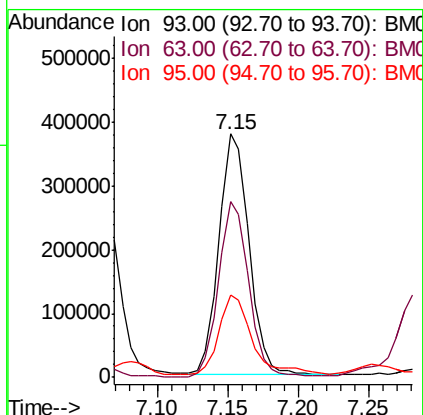
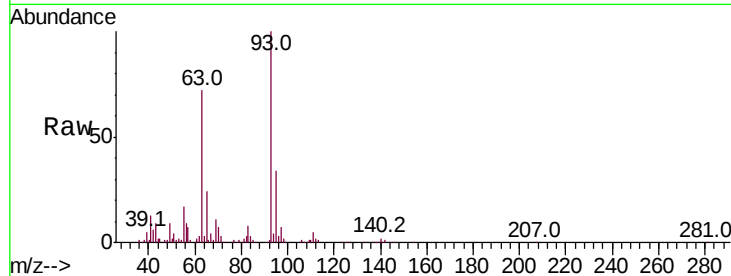




#11
bis(2-Chloroethyl)ether
Concen: 46.307 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.01 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

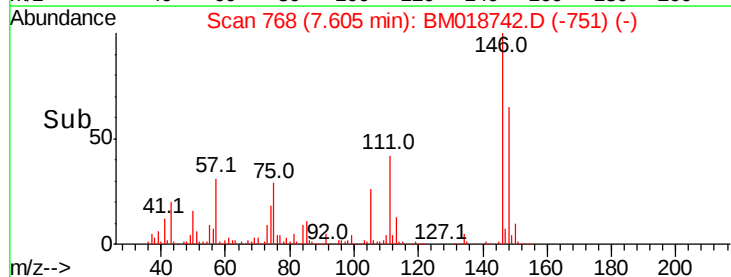
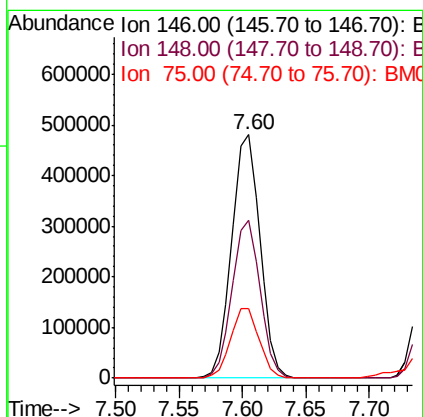
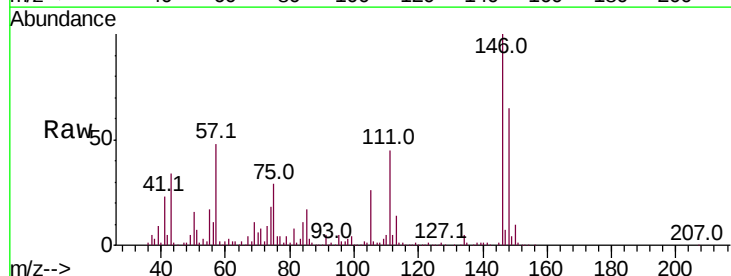
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

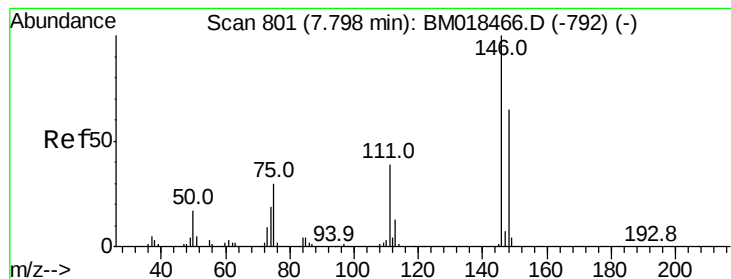
Tot Ion: 93 Resp: 561566
Ion Ratio Lower Upper
93 100
63 72.0 56.4 96.4
95 33.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.714 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion: 146 Resp: 743705
Ion Ratio Lower Upper
146 100
148 64.7 50.5 75.7
75 28.7 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 45.015 ng

RT: 7.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

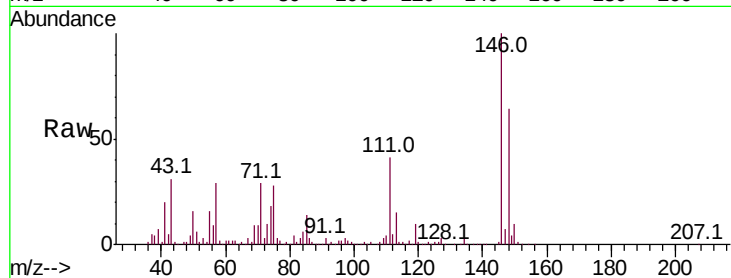
Tot Ion:146 Resp: 758844

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

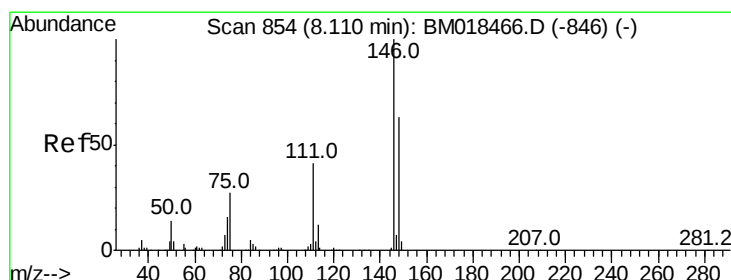
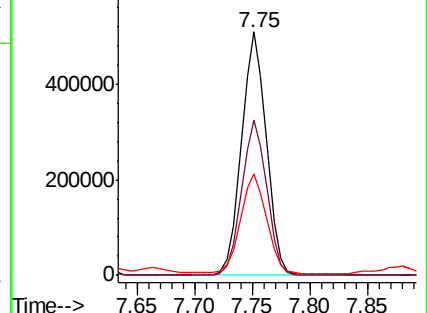
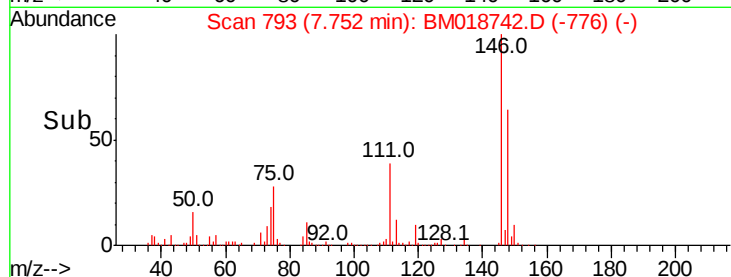
111 41.5 32.2 48.2



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: 45.795 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

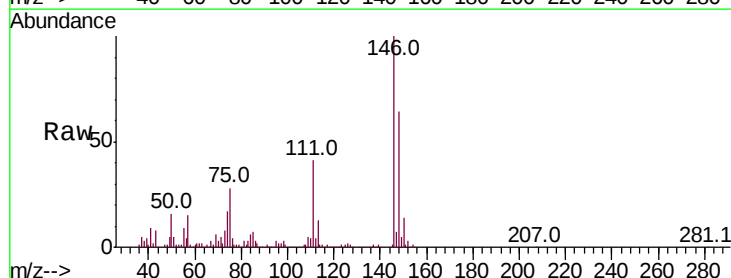
Tgt Ion:146 Resp: 732017

Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.6

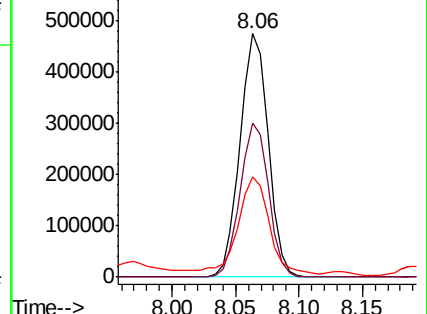
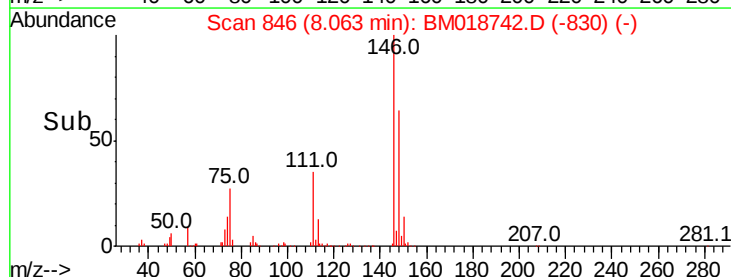
111 41.3 33.8 50.6



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: 49.648 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

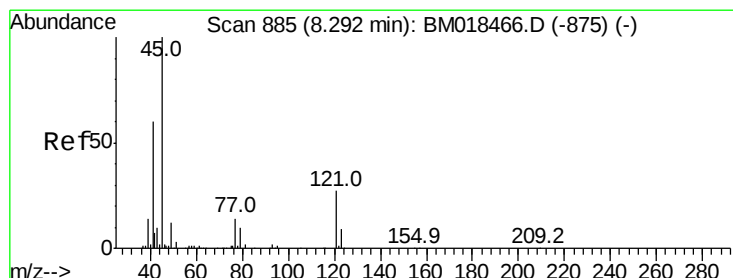
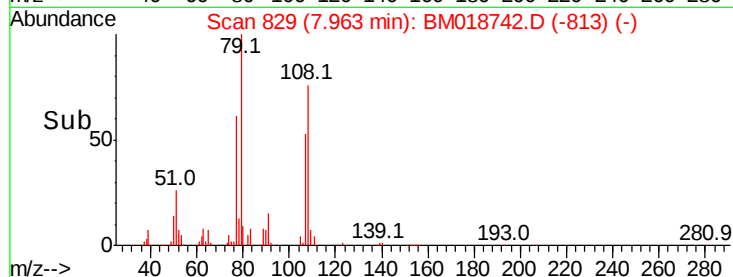
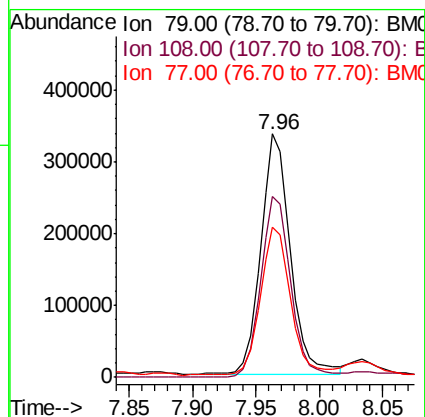
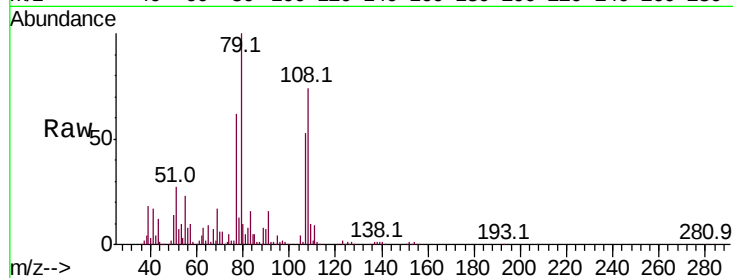
Tot Ion: 79 Resp: 544631

Ion Ratio Lower Upper

79 100

108 74.5 60.4 90.6

77 61.6 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.482 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

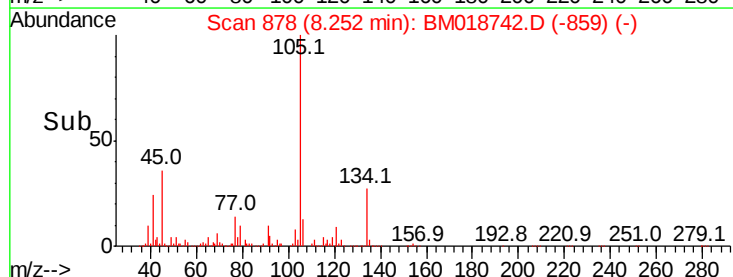
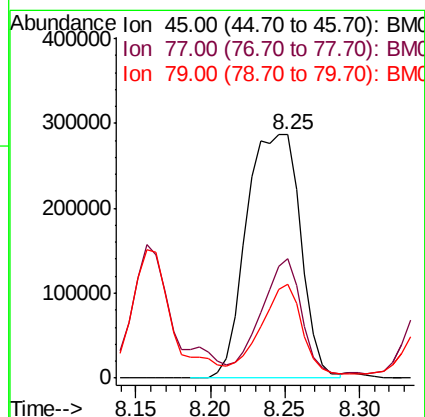
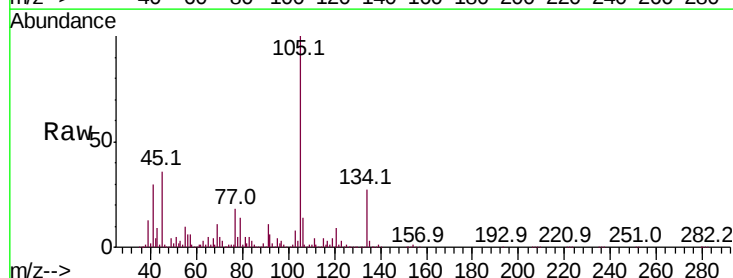
Tgt Ion: 45 Resp: 720367

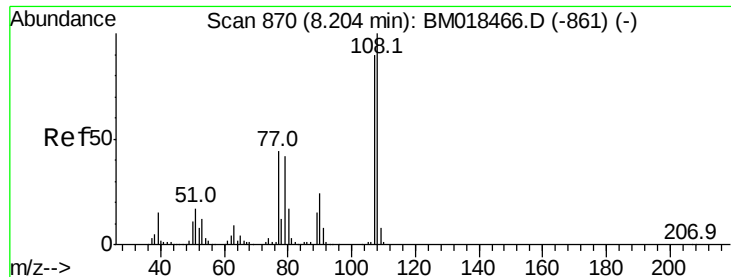
Ion Ratio Lower Upper

45 100

77 49.1 0.0 33.4#

79 38.5 0.0 31.1#

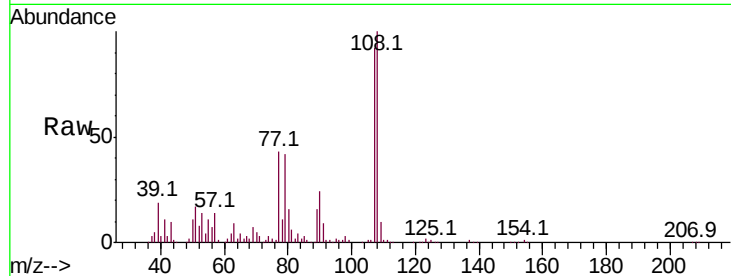




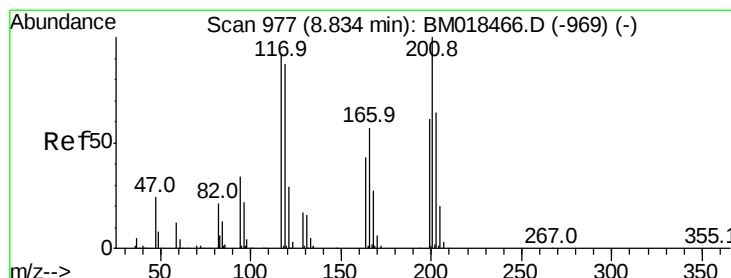
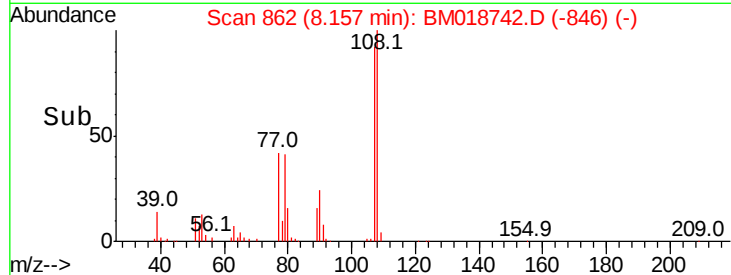
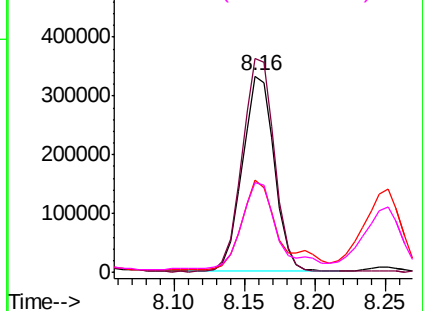
#17
2-Methylphenol
Concen: 50.454 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

Tot Ion:107 Resp: 528574
Ion Ratio Lower Upper
107 100
108 108.7 87.5 131.3
77 47.0 37.3 55.9
79 45.4 36.4 54.6

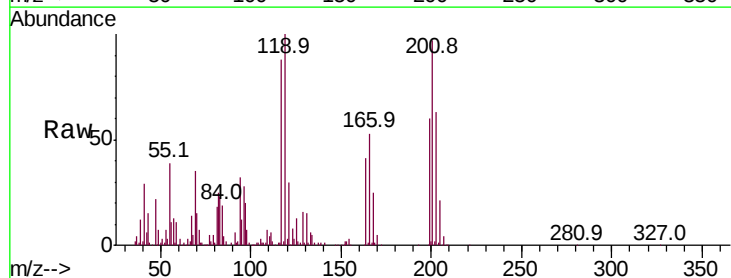


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

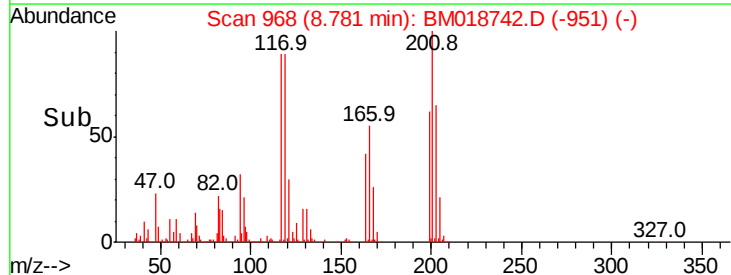
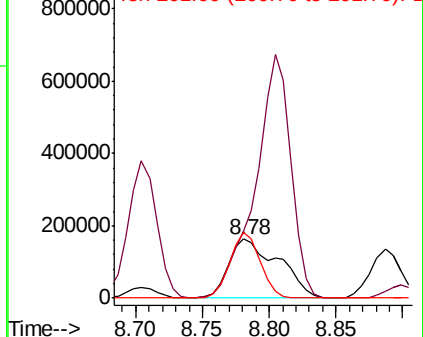


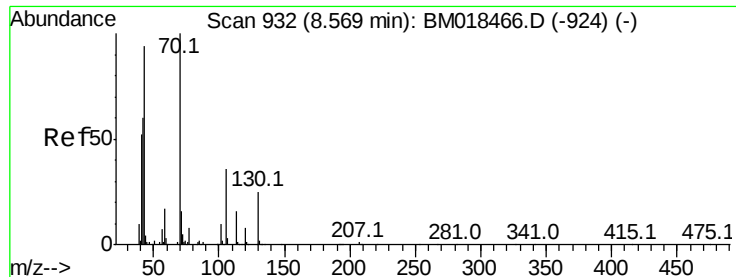
#18
Hexachloroethane
Concen: 70.445 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion:117 Resp: 423420
Ion Ratio Lower Upper
117 100
119 114.1 78.3 117.5
201 111.0 81.4 122.0



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: 47.045 ng

RT: 8.53 min Scan# 925

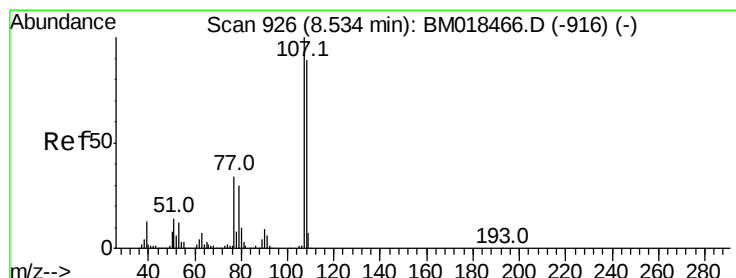
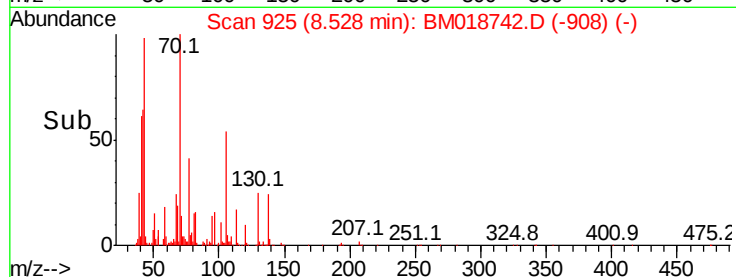
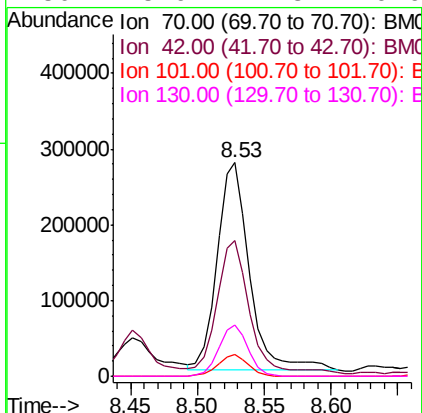
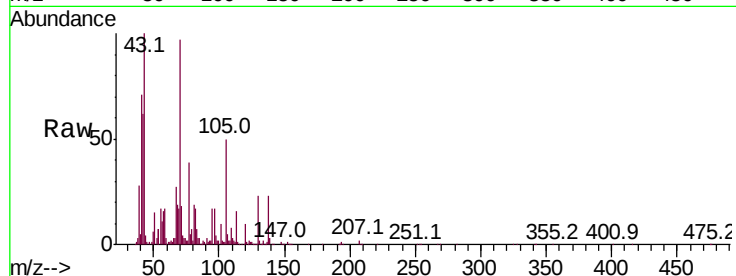
Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

Tot Ion:	70	Resp:	464998
Ion	Ratio	Lower	Upper
70	100		
42	63.4	54.0	81.0
101	10.5	8.1	12.1
130	23.9	17.8	26.6



#20

3+4-Methylphenols

Concen: 48.721 ng

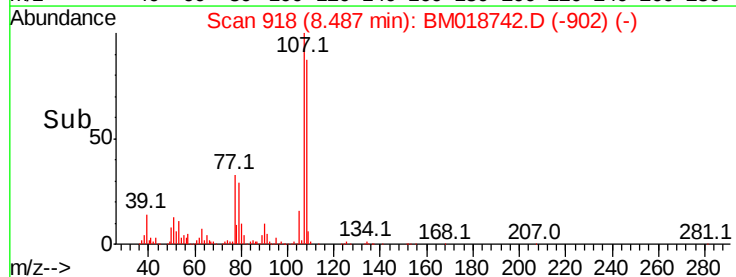
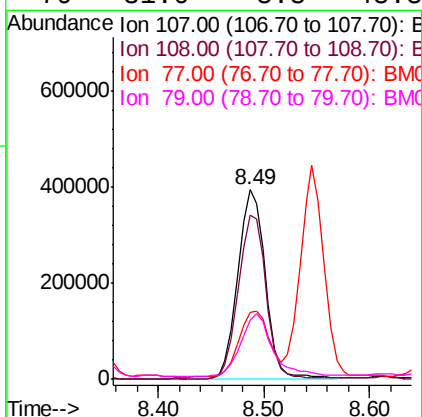
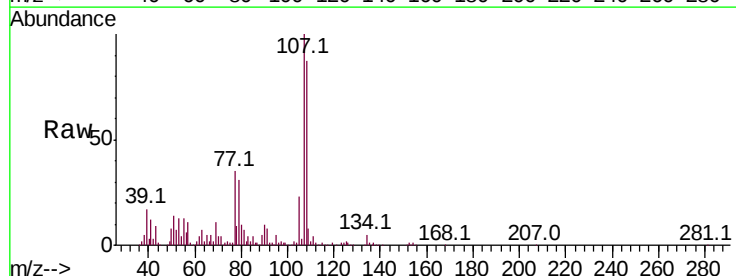
RT: 8.49 min Scan# 918

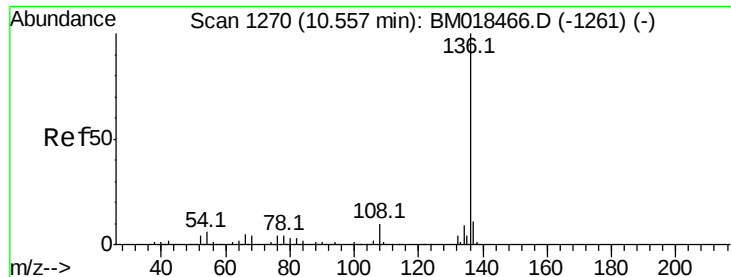
Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Tgt Ion:	107	Resp:	704613
Ion	Ratio	Lower	Upper
107	100		
108	86.8	66.8	106.8
77	35.3	13.3	53.3
79	31.0	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

Tot Ion:136 Resp: 813818

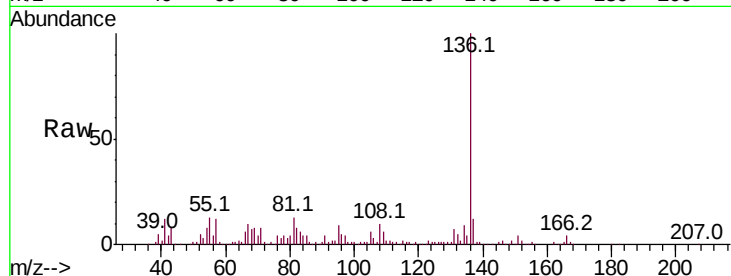
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 8.3 6.0 9.0

68 6.9 4.5 6.7#

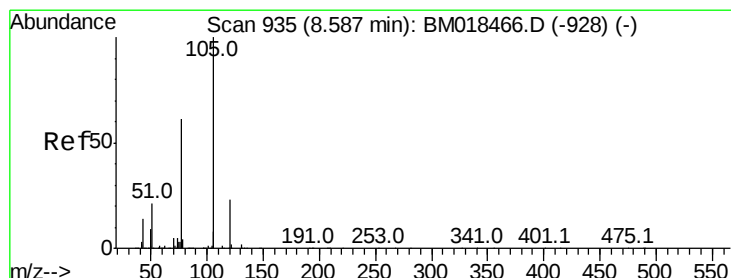
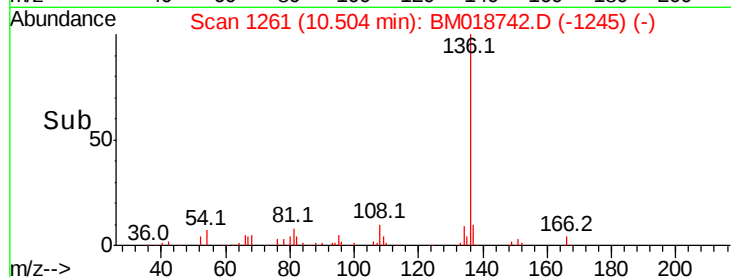
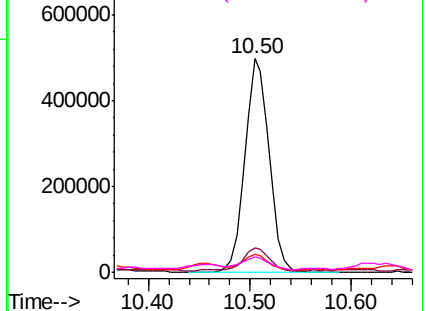


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 44.278 ng

RT: 8.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Tgt Ion:105 Resp: 891406

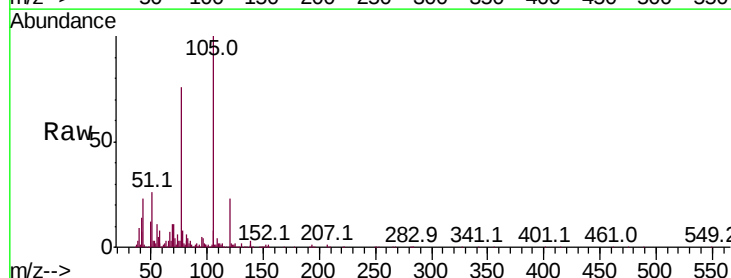
Ion Ratio Lower Upper

105 100

71 4.1 1.7 2.5#

51 26.2 22.6 34.0

120 23.1 18.3 27.5

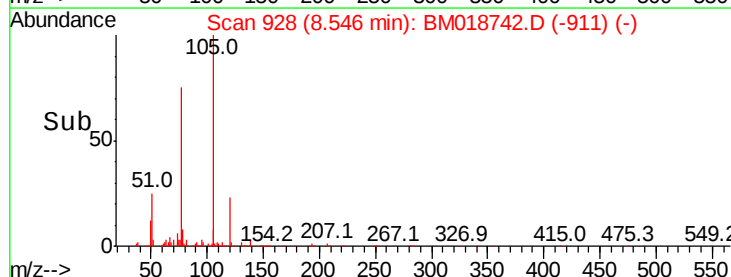
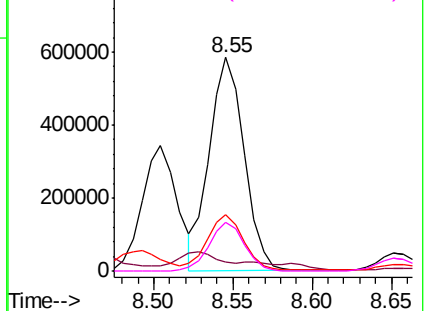


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

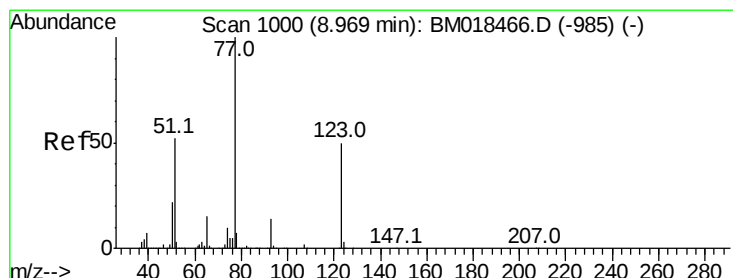
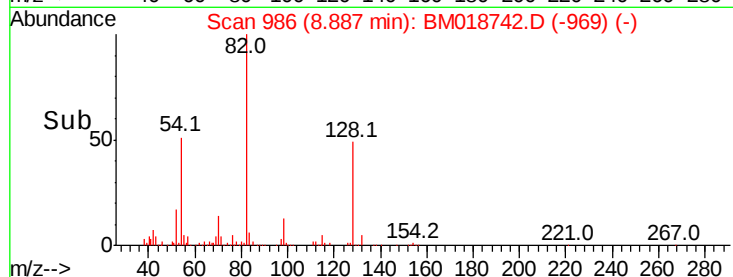
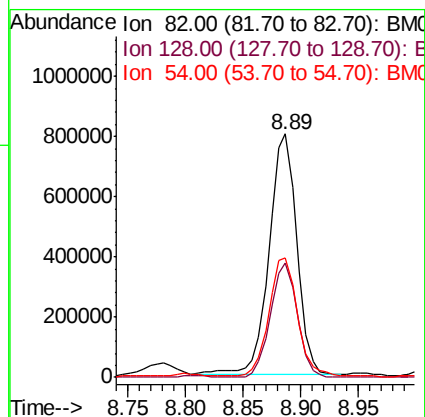
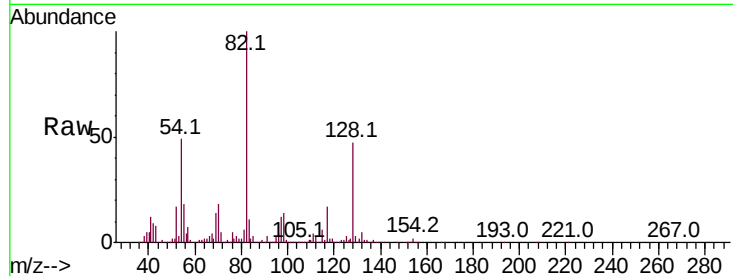




#23
 Nitrobenzene-d5
 Concen: 95.563 ng
 RT: 8.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BM018742.D
 Acq: 07 Feb 2019 17:53

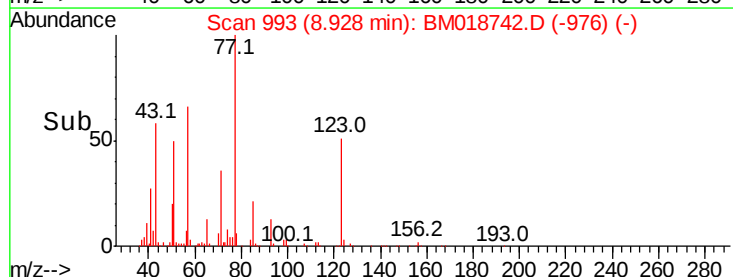
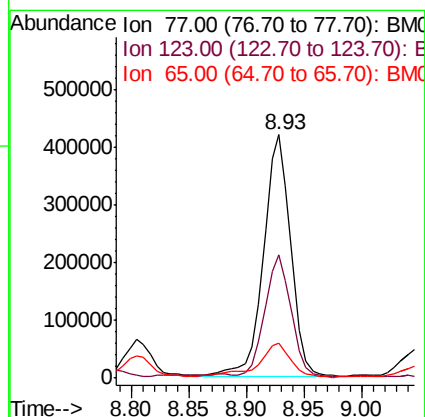
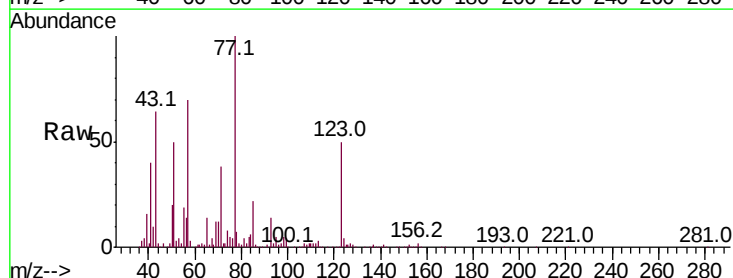
Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)MSD

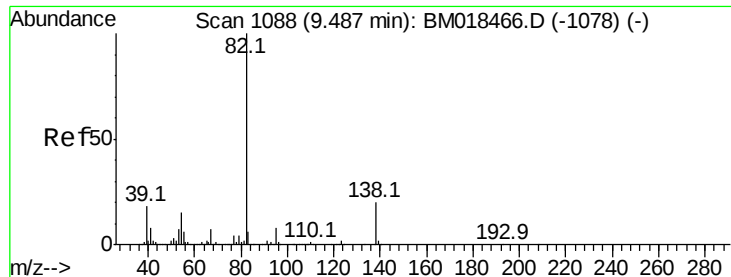
Tot Ion: 82 Resp: 1341543
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.3 54.5
 54 49.1 41.7 62.5



#24
 Nitrobenzene
 Concen: 49.278 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BM018742.D
 Acq: 07 Feb 2019 17:53

Tgt Ion: 77 Resp: 680672
 Ion Ratio Lower Upper
 77 100
 123 50.4 37.7 56.5
 65 14.4 11.0 16.6





#25

Isophorone

Concen: 56.705 ng

RT: 9.45 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

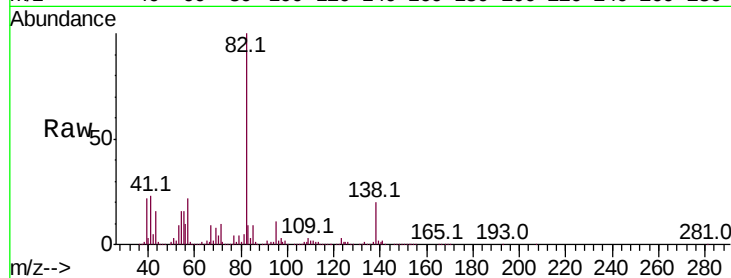
Tot Ion: 82 Resp: 1205428

Ion Ratio Lower Upper

82 100

95 11.2 6.1 9.1#

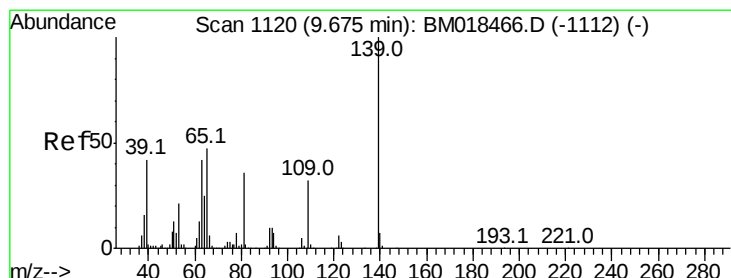
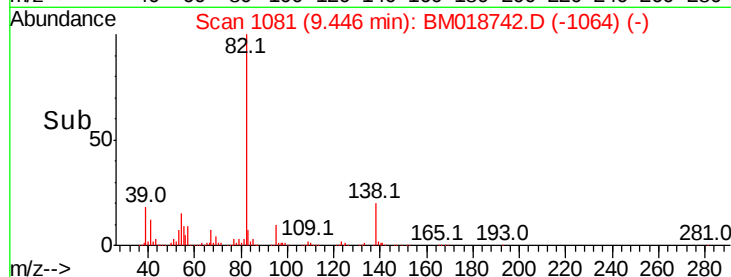
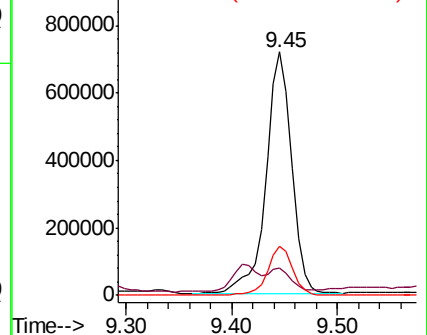
138 20.2 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)



#26

2-Nitrophenol

Concen: 55.504 ng

RT: 9.63 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

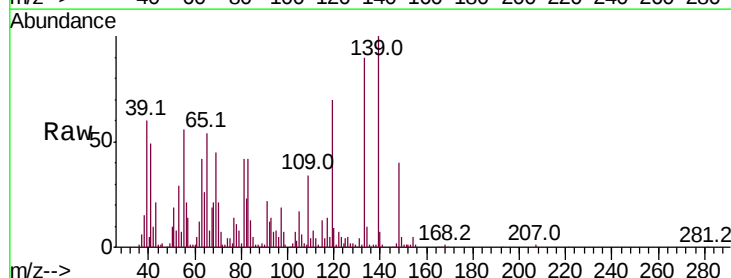
Tgt Ion:139 Resp: 370710

Ion Ratio Lower Upper

139 100

109 33.8 23.4 35.2

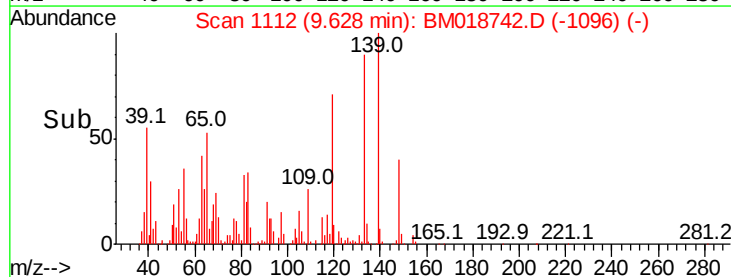
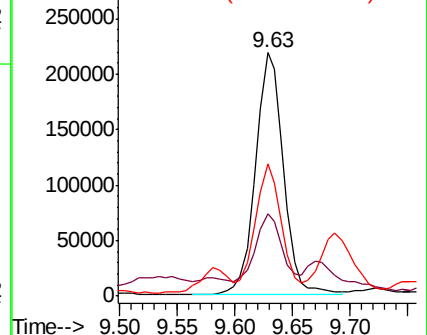
65 54.1 39.4 59.2

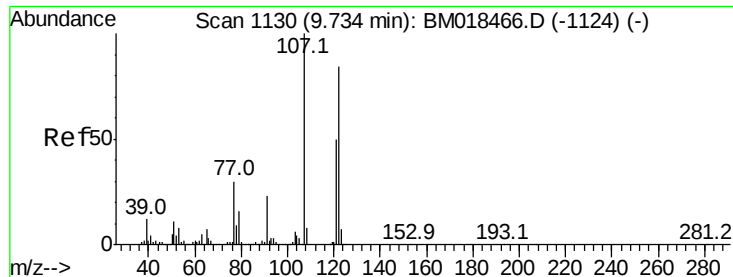


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)

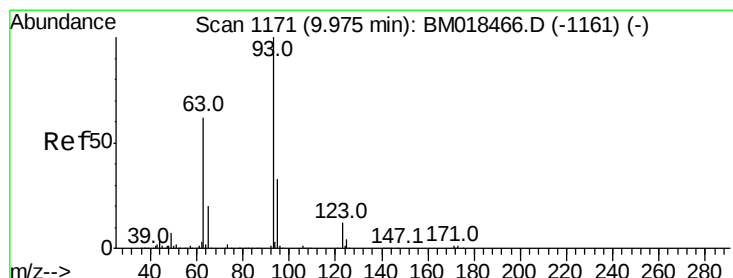
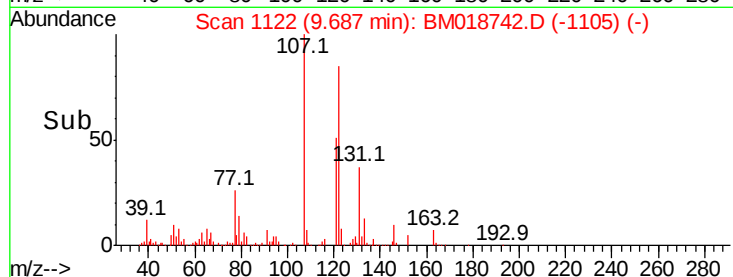
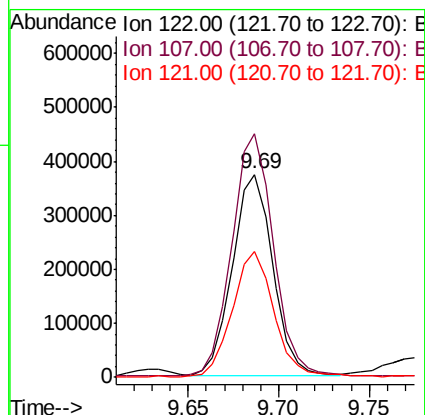
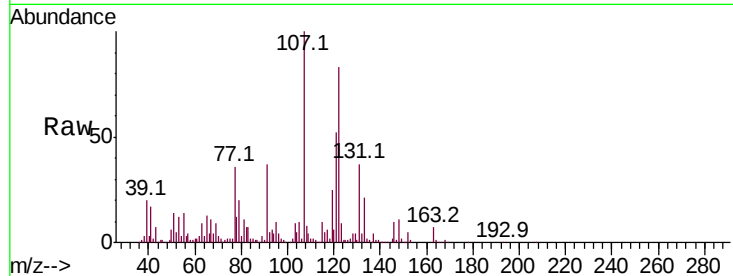




#27
2,4-Dimethylphenol
Concen: 57.861 ng
RT: 9.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

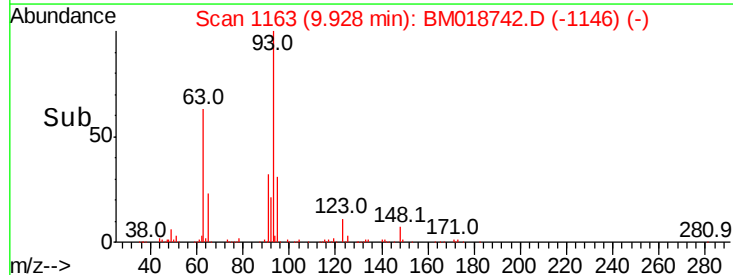
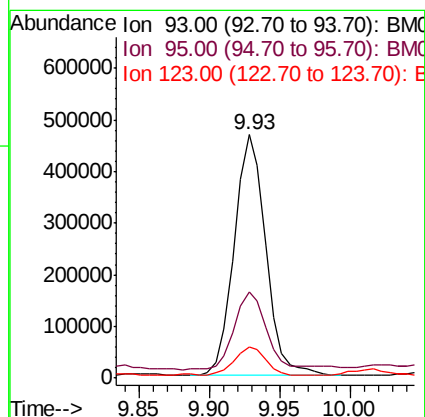
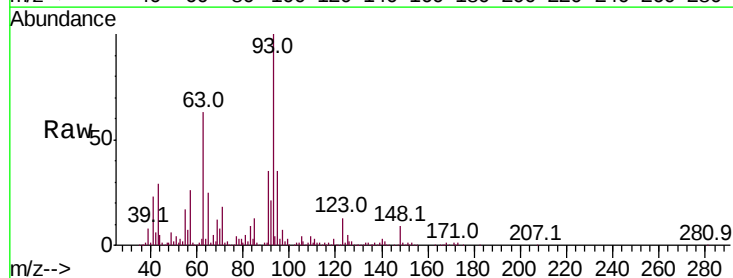
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

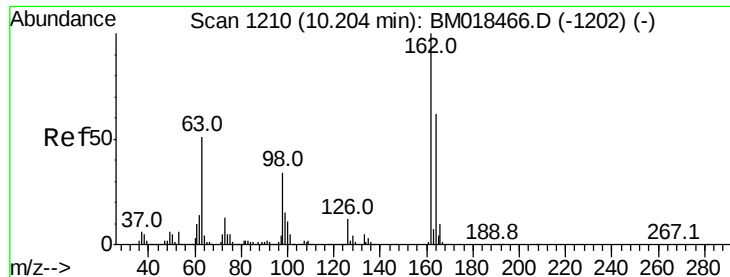
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.1	91.9	137.9
121	62.0	47.5	71.3



#28
bis(2-Chloroethoxy)methane
Concen: 49.549 ng
RT: 9.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.5	26.6	39.8
123	12.7	9.9	14.9

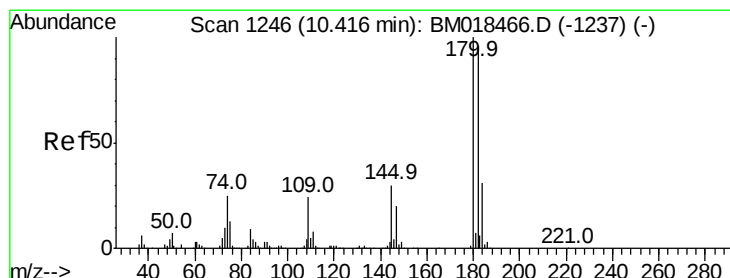
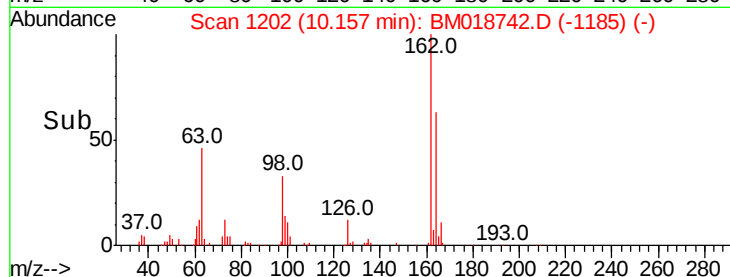
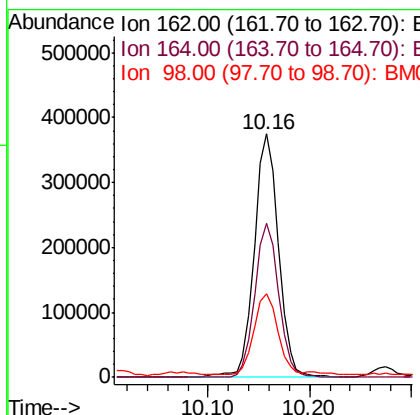
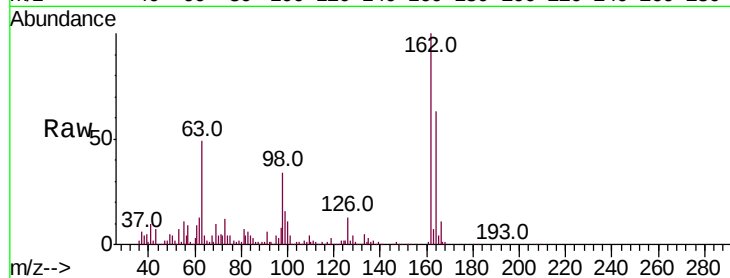




#29
2,4-Dichlorophenol
Concen: 52.116 ng
RT: 10.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

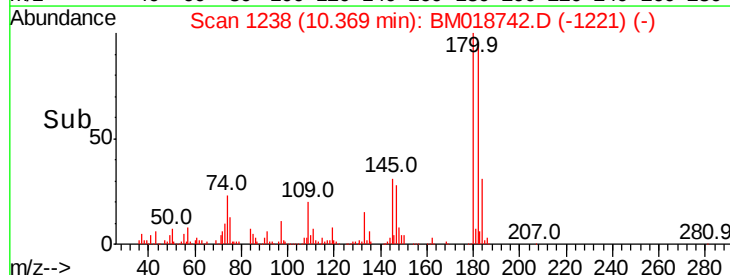
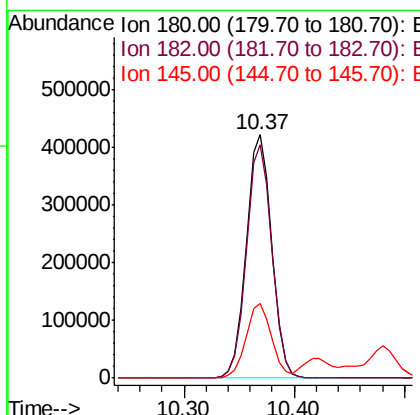
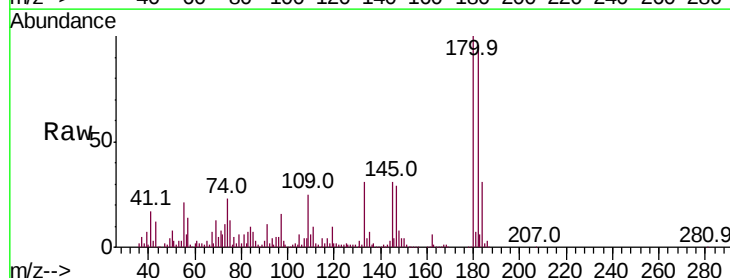
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

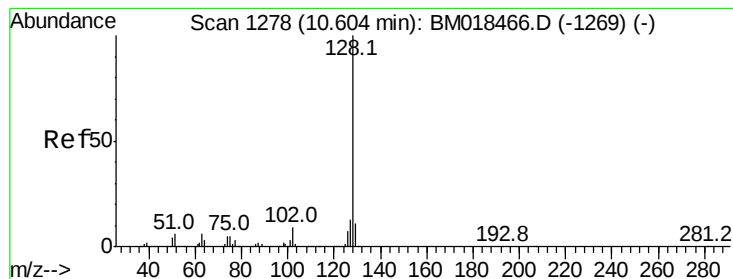
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	45.6	85.6
98	34.5	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 45.876 ng
RT: 10.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.4	116.2
145	30.6	24.6	37.0





#31

Naphthalene

Concen: 52.178 ng

RT: 10.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

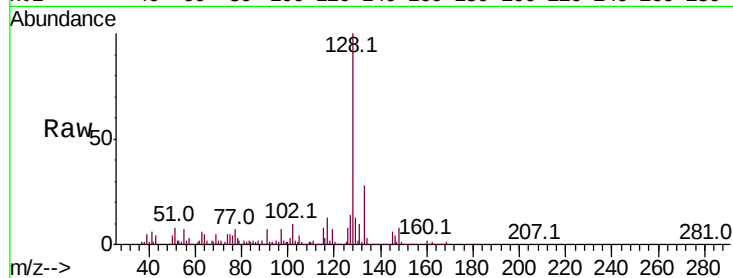
Tot Ion:128 Resp: 2045040

Ion Ratio Lower Upper

128 100

129 12.9 8.7 13.1

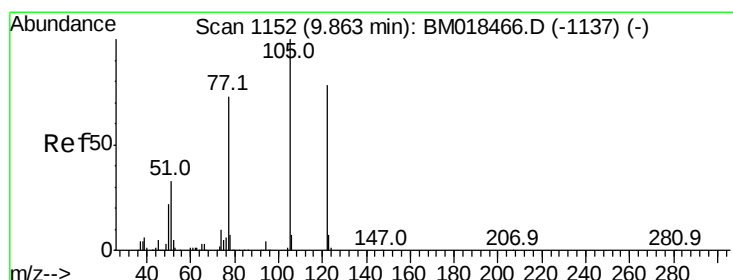
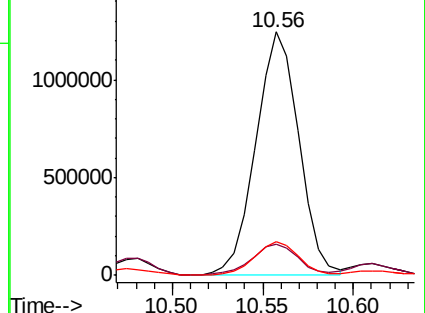
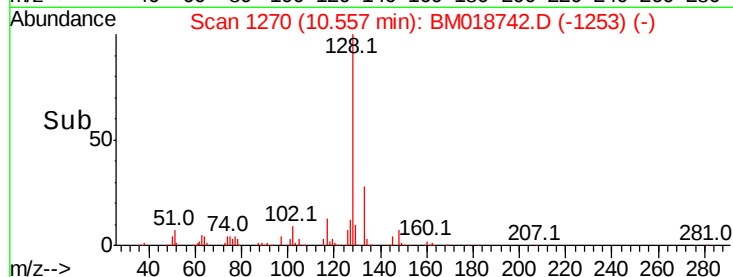
127 13.9 10.8 16.2



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: 16.592 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.06 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

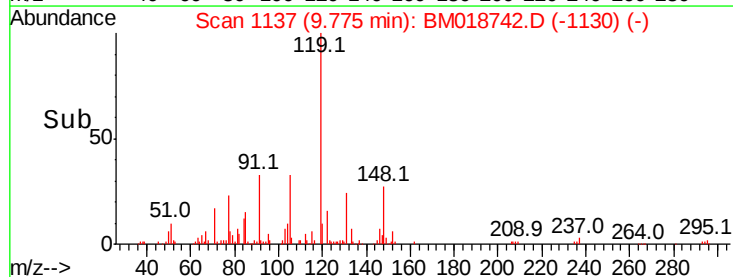
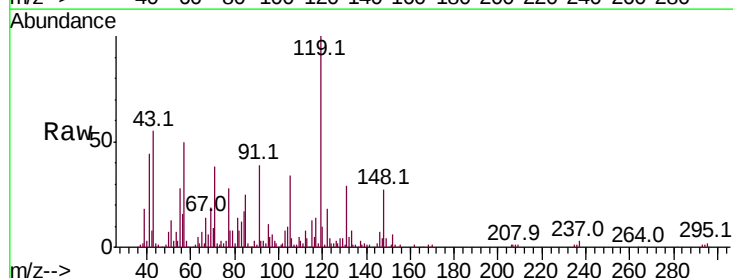
Tgt Ion:122 Resp: 78665

Ion Ratio Lower Upper

122 100

105 191.4 100.4 140.4#

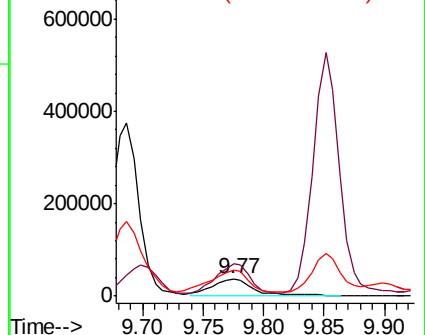
77 154.6 71.7 111.7#

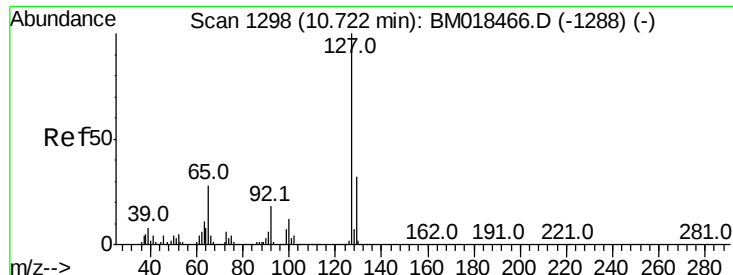


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

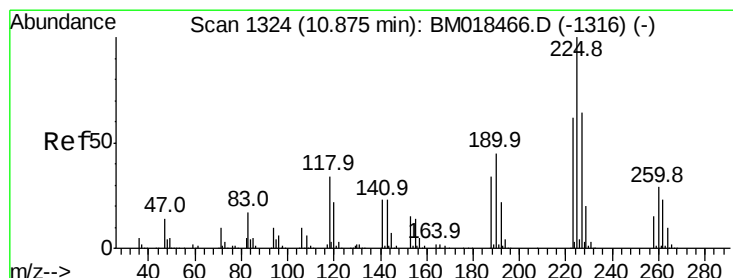
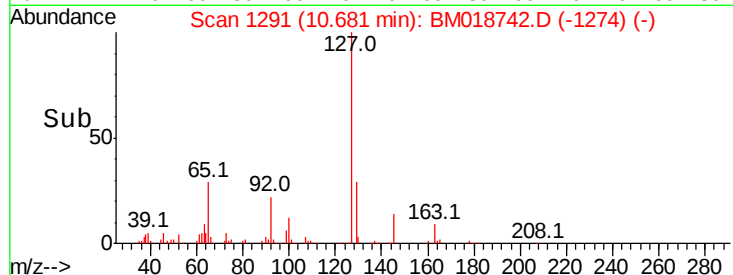
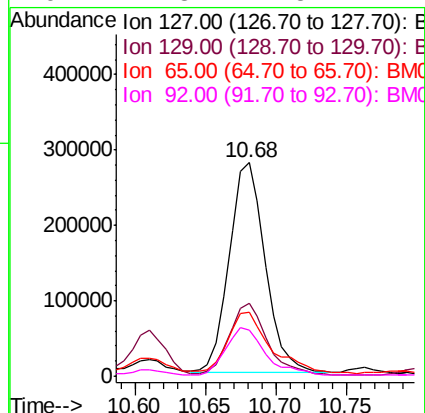
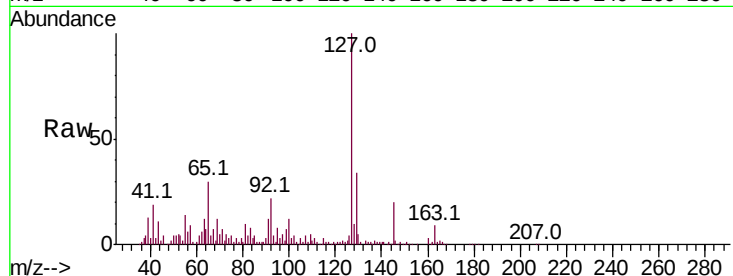




#33
4-Chloroaniline
Concen: 31.788 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

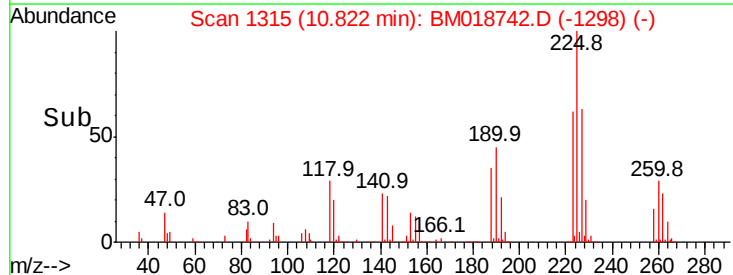
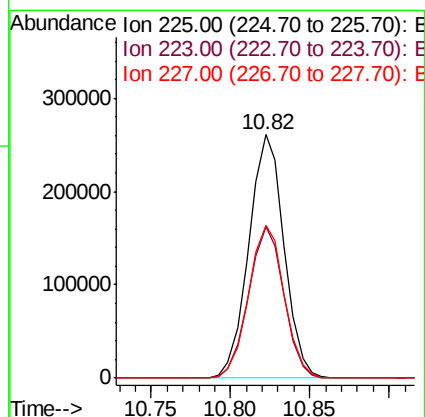
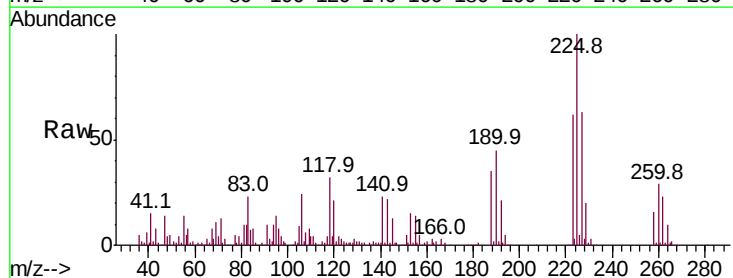
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

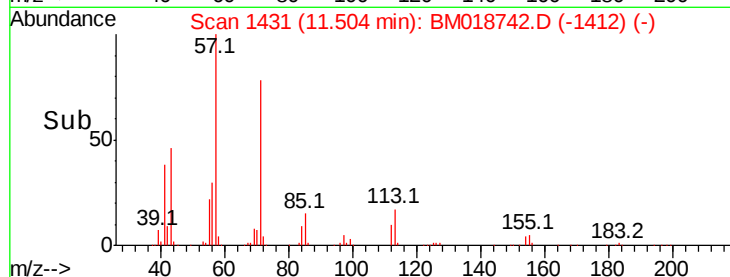
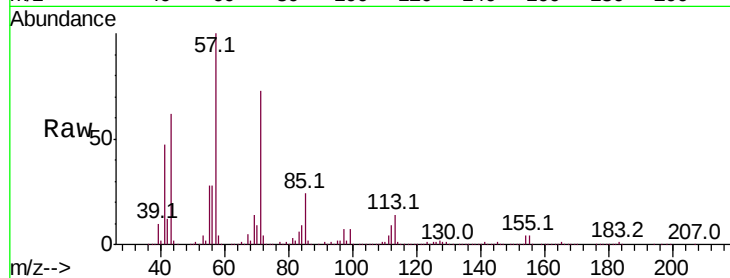
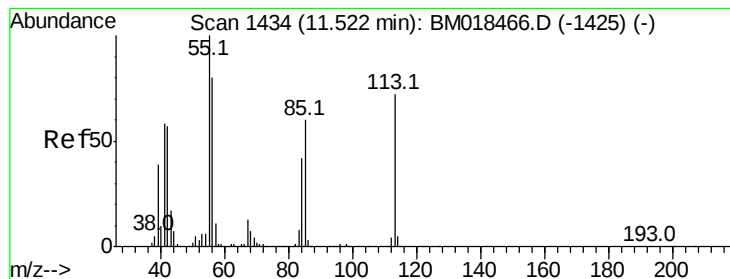
Tot Ion:	127	Resp:	490668
Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.9	38.9
65	30.0	23.4	35.2
92	21.8	14.5	21.7#



#34
Hexachlorobutadiene
Concen: 43.087 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion:	225	Resp:	402760
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.8	76.2
227	62.9	50.4	75.6





#35

Caprolactam

Concen: 73.724 ng

RT: 11.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

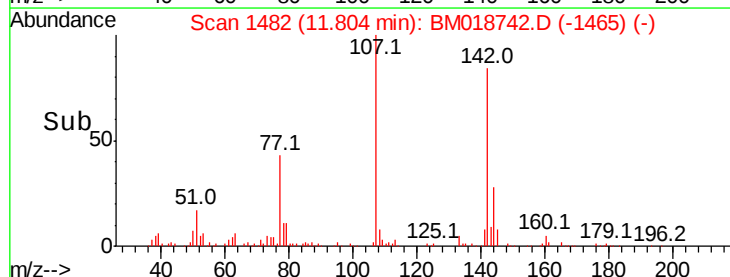
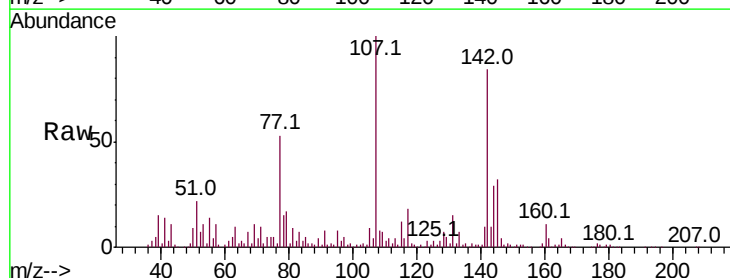
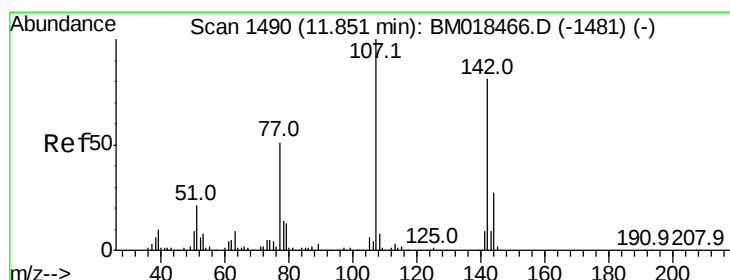
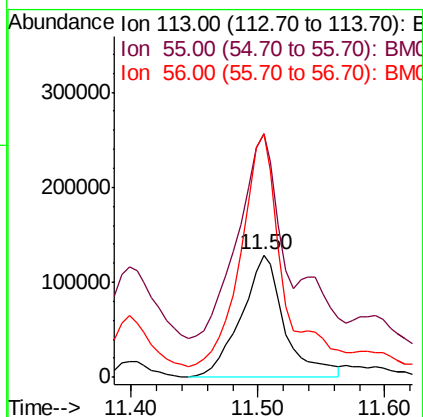
Tot Ion:113 Resp: 298796

Ion Ratio Lower Upper

113 100

55 199.0 139.3 179.3#

56 199.1 101.4 141.4#



#36

4-Chloro-3-methylphenol

Concen: 47.486 ng

RT: 11.80 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

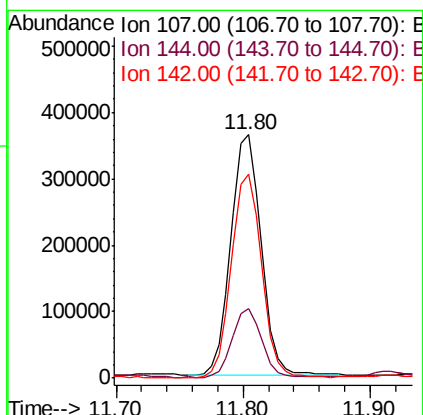
Tgt Ion:107 Resp: 593878

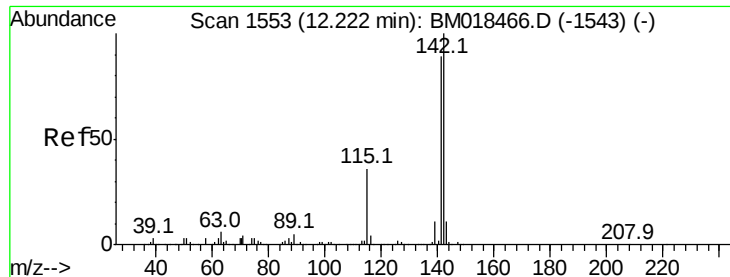
Ion Ratio Lower Upper

107 100

144 28.6 21.9 32.9

142 84.0 67.9 101.9

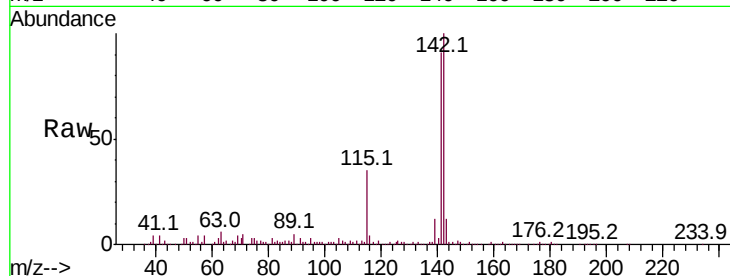




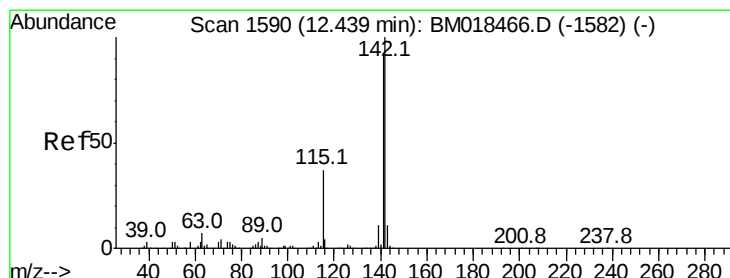
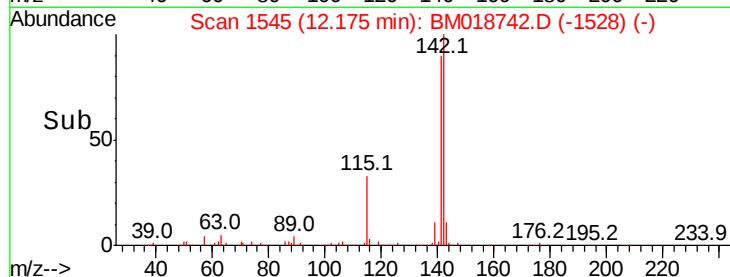
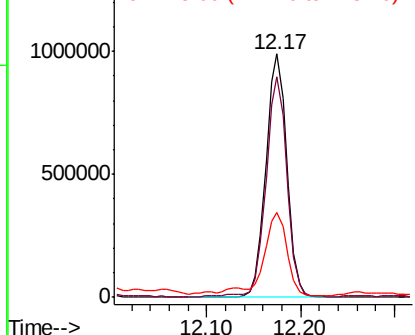
#37
2-Methylnaphthalene
Concen: 55.053 ng
RT: 12.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

Tot Ion:142 Resp: 1524507
Ion Ratio Lower Upper
142 100
141 90.6 71.4 107.2
115 34.7 28.0 42.0

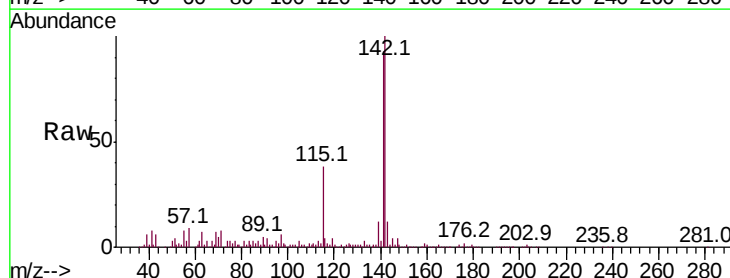


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

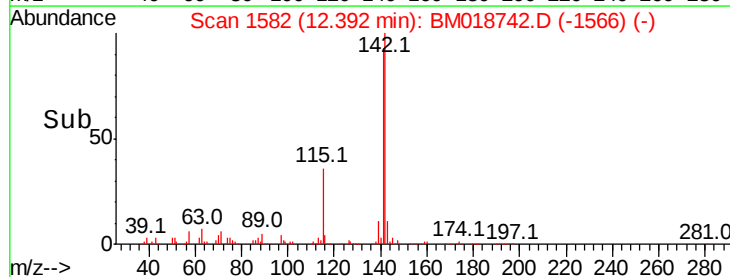
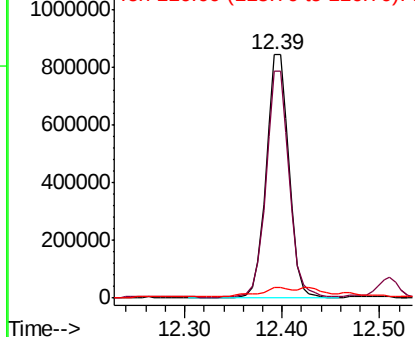


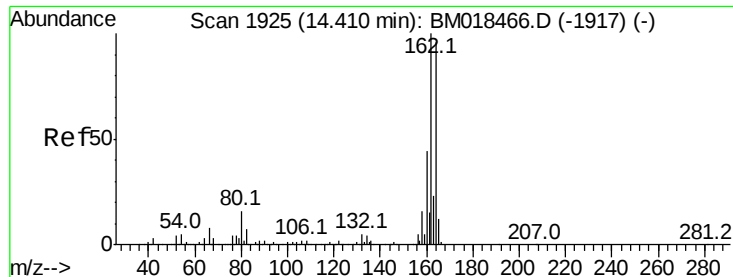
#38
1-Methylnaphthalene
Concen: 51.371 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion:142 Resp: 1376424
Ion Ratio Lower Upper
142 100
141 93.4 75.6 113.4
116 4.3 3.0 4.6



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

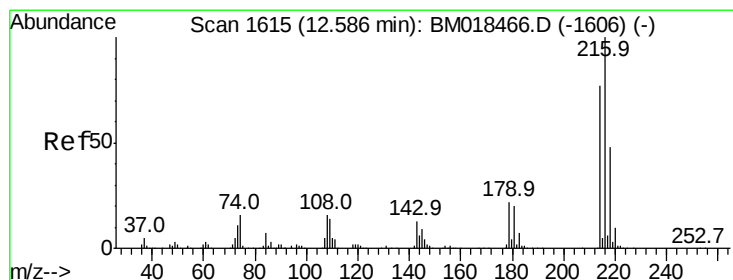
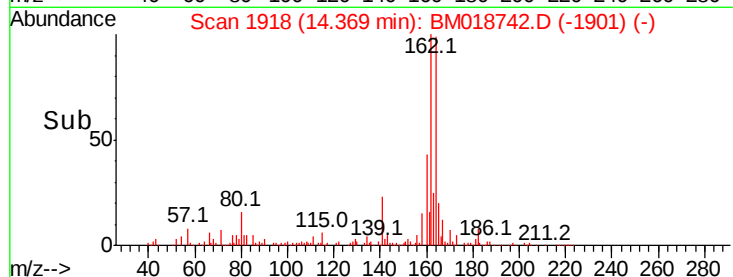
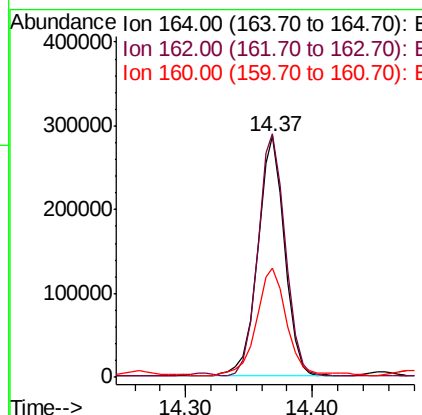
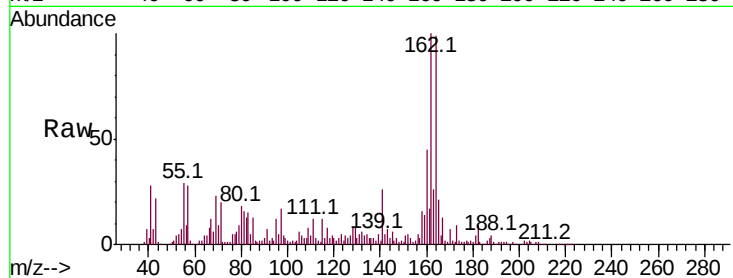




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

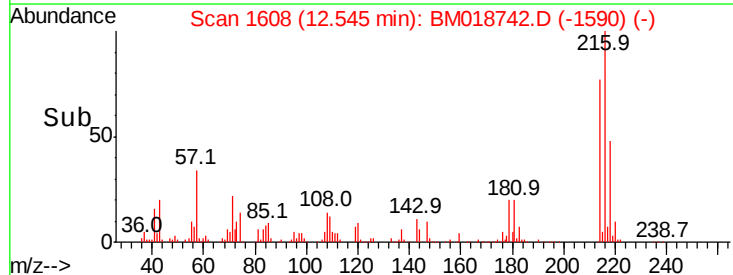
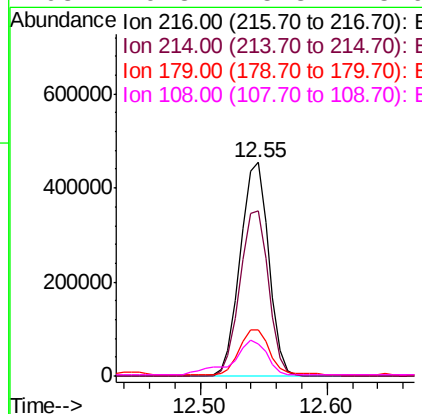
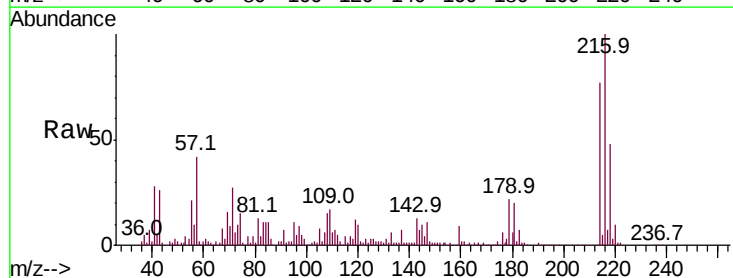
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

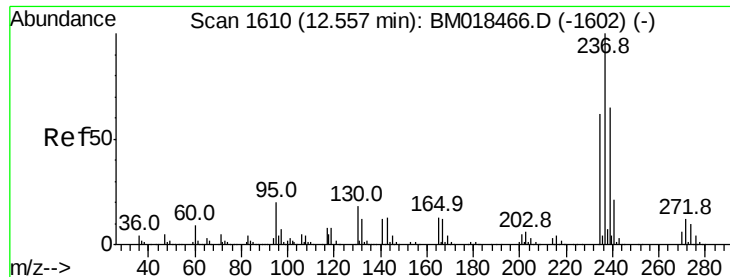
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.0	124.4
160	45.5	37.1	55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.669 ng
RT: 12.55 min Scan# 1608
Delta R.T. 0.01 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.4	95.0
179	22.5	17.9	26.9
108	19.3	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 99.133 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

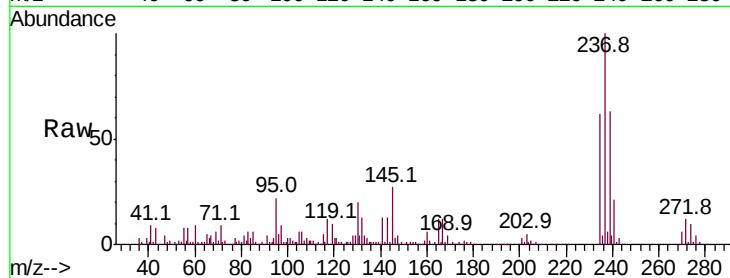
Tot Ion:237 Resp: 804193

Ion Ratio Lower Upper

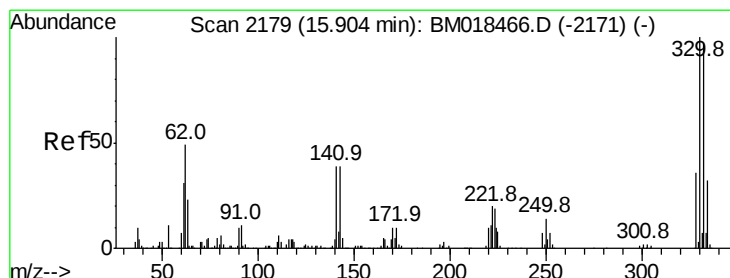
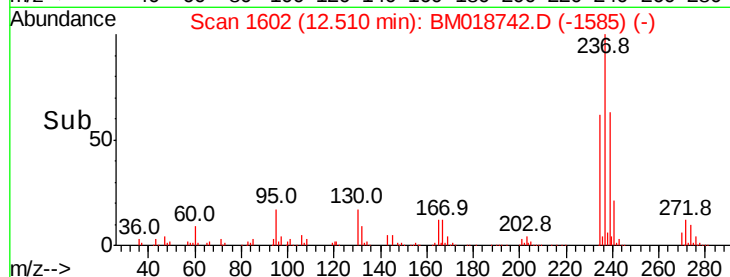
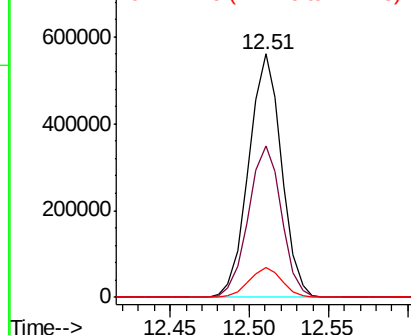
237 100

235 62.5 42.8 82.8

272 12.3 0.0 31.9



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: 137.395 ng

RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

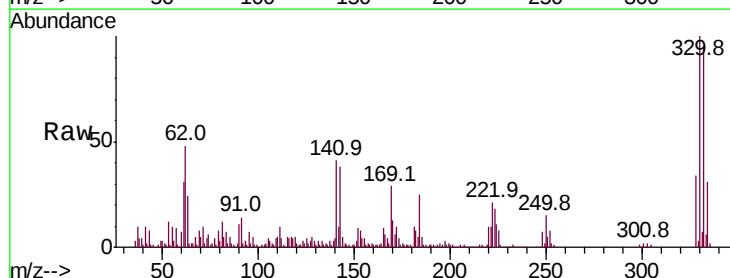
Tgt Ion:330 Resp: 739452

Ion Ratio Lower Upper

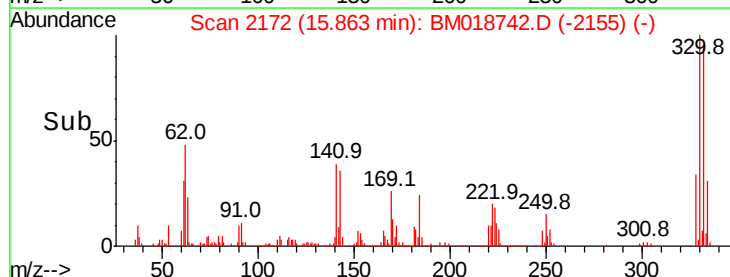
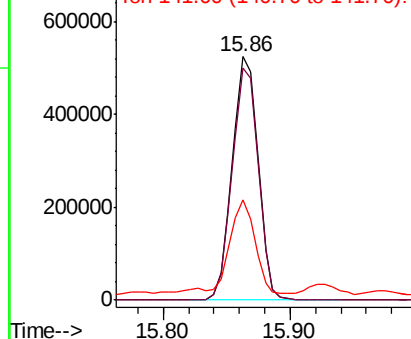
330 100

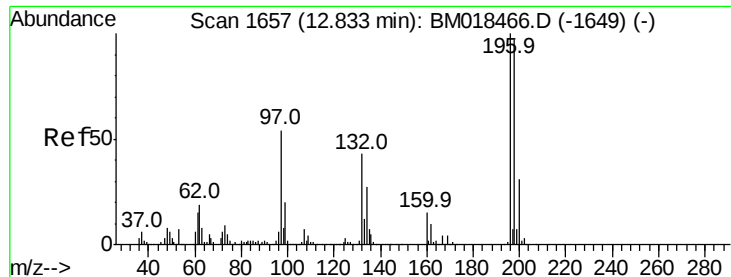
332 96.2 77.6 116.4

141 38.5 31.7 47.5



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

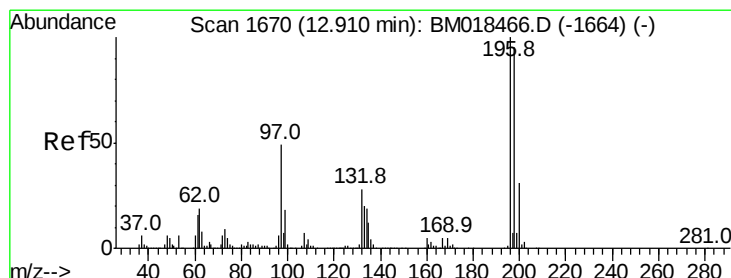
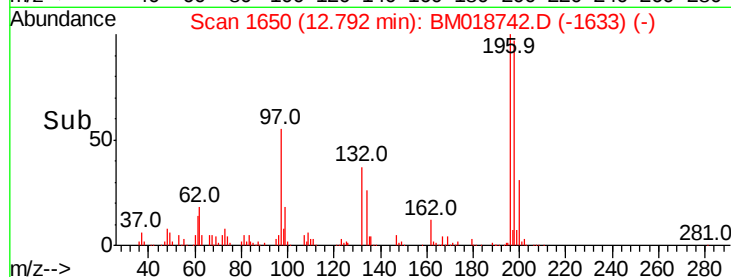
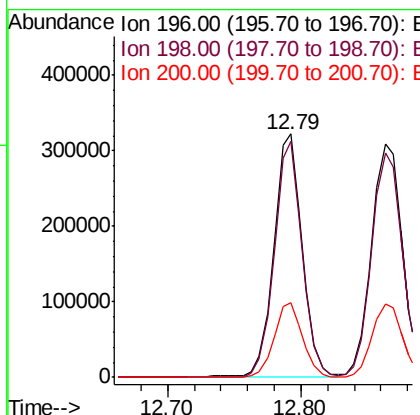
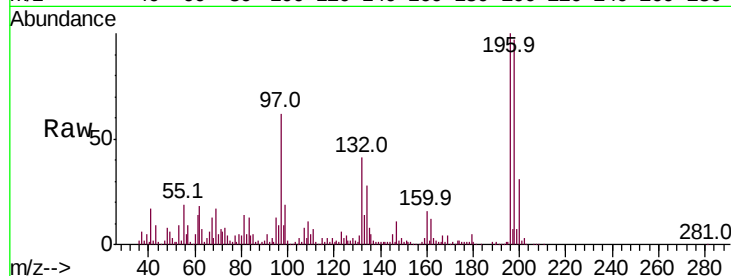




#43
 2,4,6-Trichlorophenol
 Concen: 52.889 ng
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM018742.D
 Acq: 07 Feb 2019 17:53

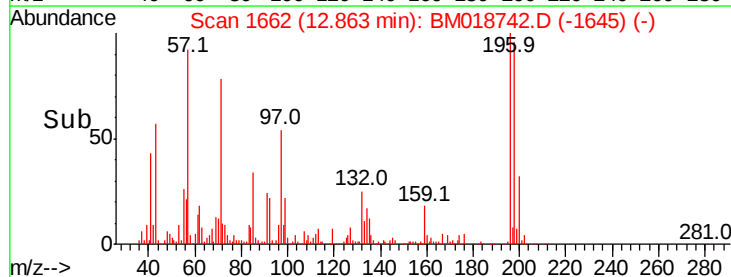
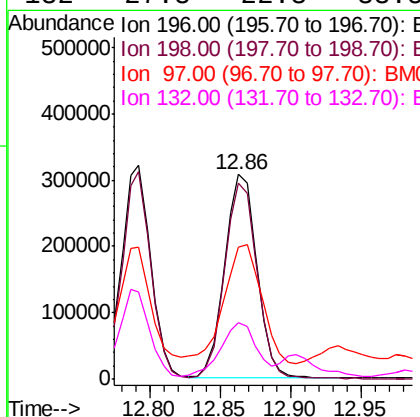
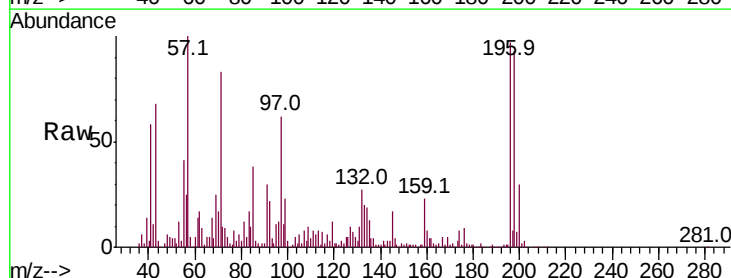
Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)MSD

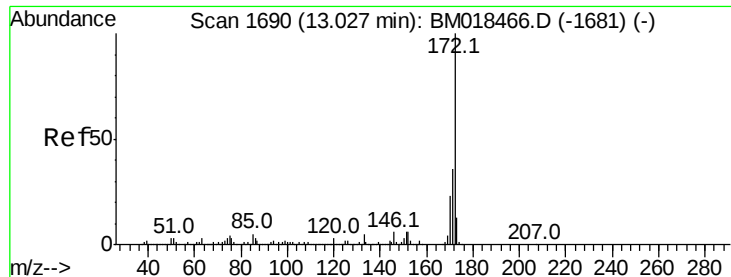
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.6	115.0
200	30.7	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 51.631 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM018742.D
 Acq: 07 Feb 2019 17:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.7	115.1
97	64.3	39.2	58.8#
132	27.8	22.3	33.5

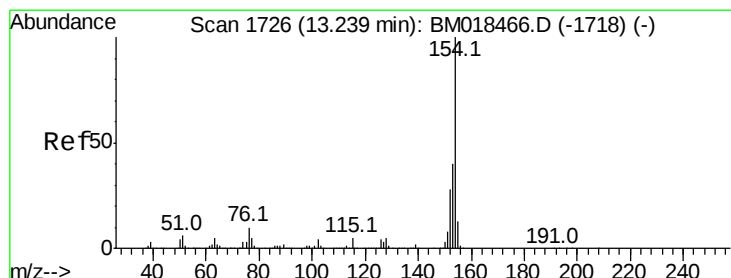
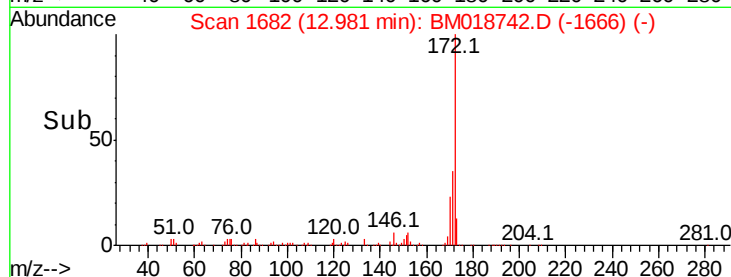
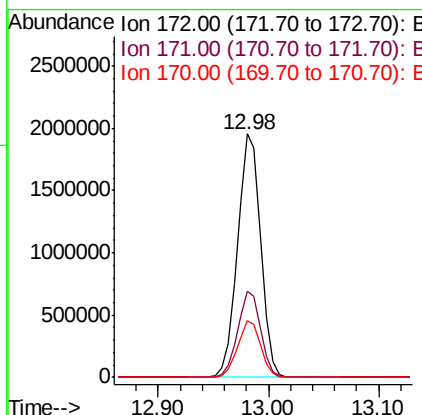
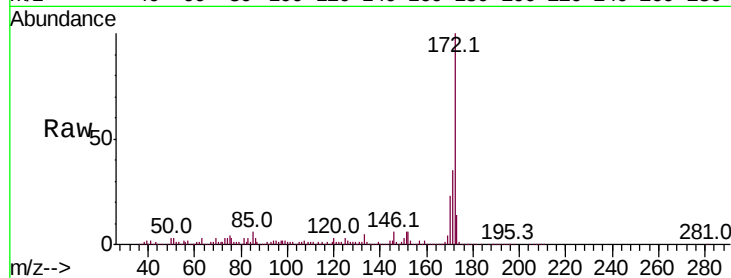




#45
2-Fluorobiphenyl
Concen: 88.700 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

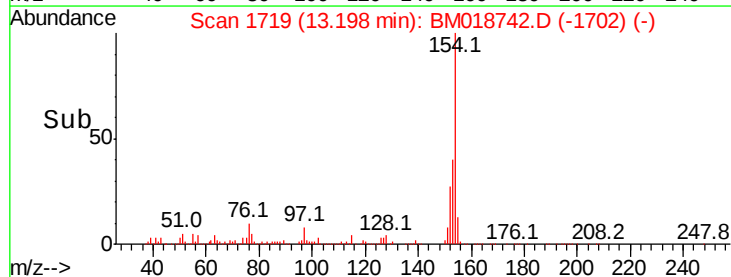
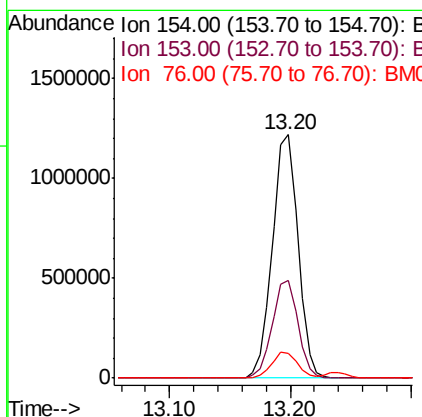
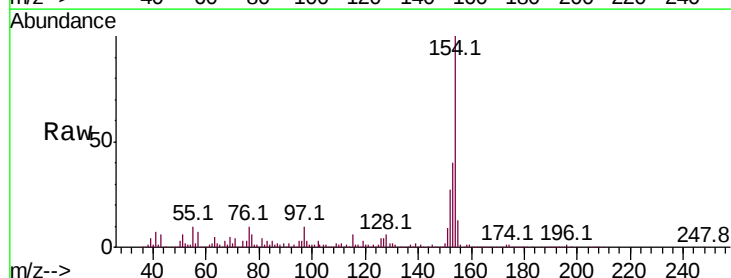
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

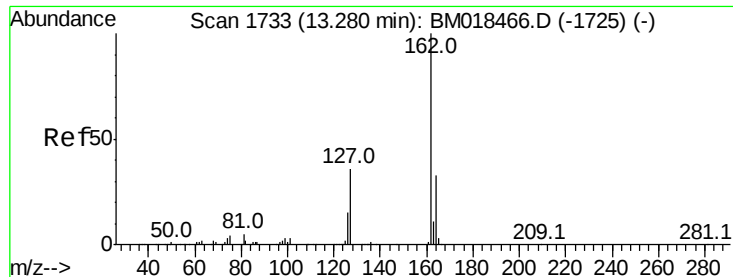
Tot Ion:172 Resp: 2873266
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.1 18.9 28.3



#46
1,1'-Biphenyl
Concen: 48.089 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion:154 Resp: 1774797
Ion Ratio Lower Upper
154 100
153 40.1 20.5 60.5
76 10.3 0.0 31.9





#47

2-Chloronaphthalene

Concen: 46.128 ng

RT: 13.24 min Scan# 1726

Delta R.T. 0.00 min

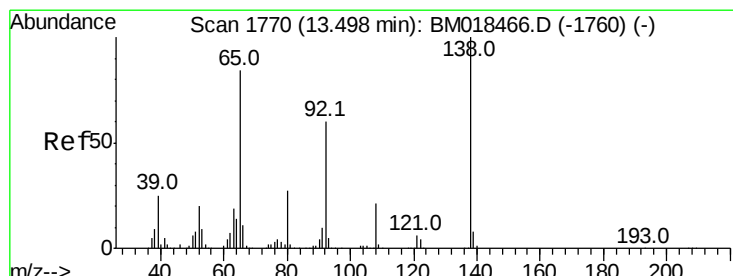
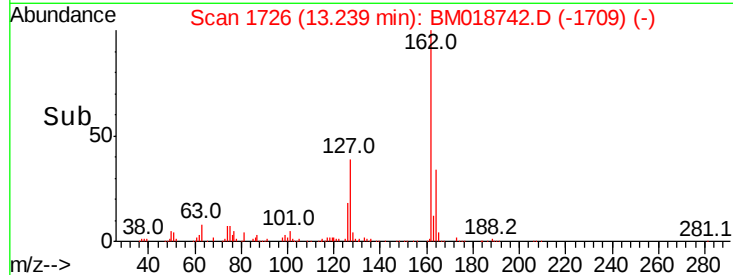
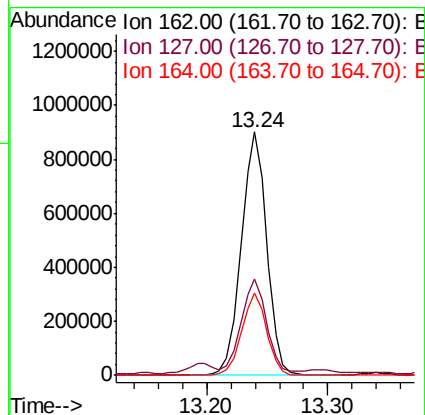
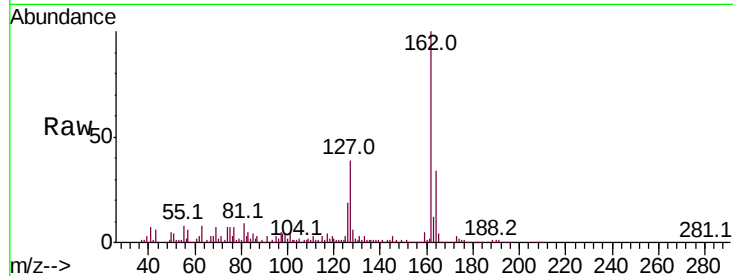
Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

Tot Ion:162 Resp: 1320161

Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.4	47.0
164	33.8	26.2	39.4



#48

2-Nitroaniline

Concen: 48.584 ng

RT: 13.46 min Scan# 1763

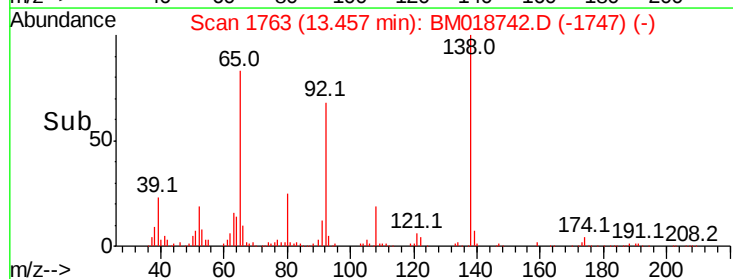
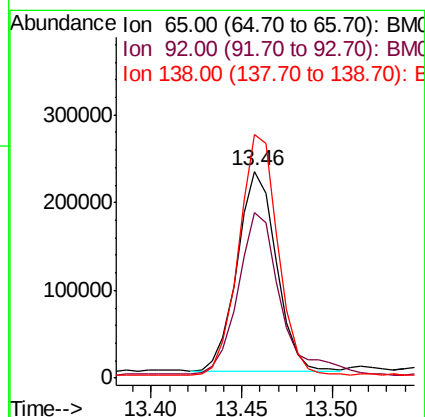
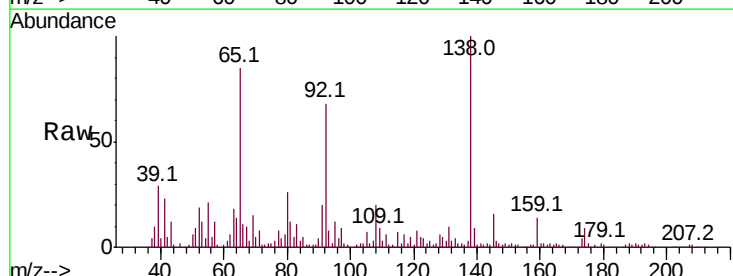
Delta R.T. -0.01 min

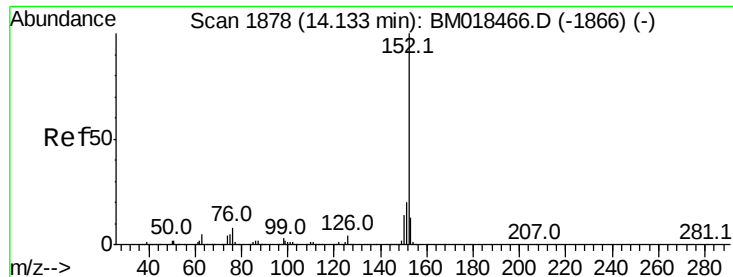
Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Tgt Ion: 65 Resp: 342083

Ion	Ratio	Lower	Upper
65	100		
92	80.4	53.4	80.2#
138	117.8	88.9	133.3





#49

Acenaphthylene

Concen: 50.269 ng

RT: 14.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

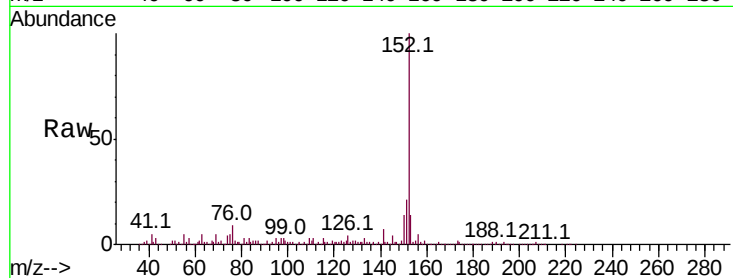
Tot Ion:152 Resp: 2096591

Ion Ratio Lower Upper

152 100

151 20.7 15.7 23.5

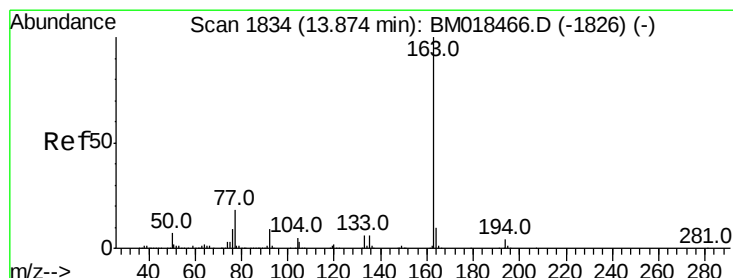
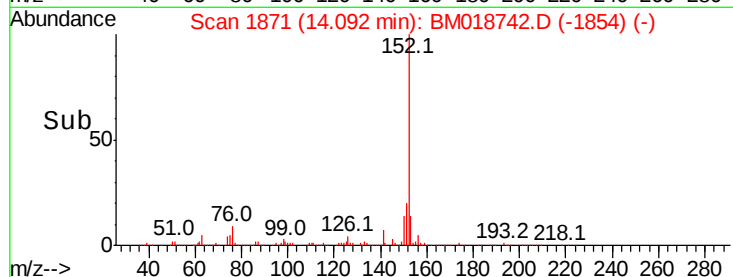
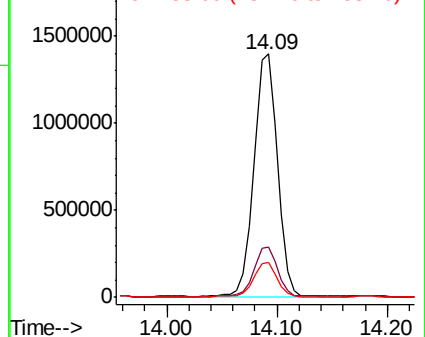
153 14.3 10.5 15.7



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: 48.324 ng

RT: 13.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

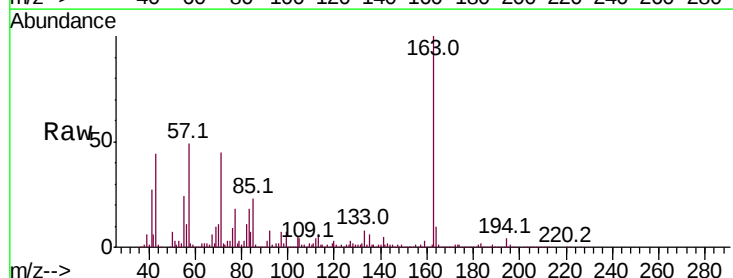
Tgt Ion:163 Resp: 1677517

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

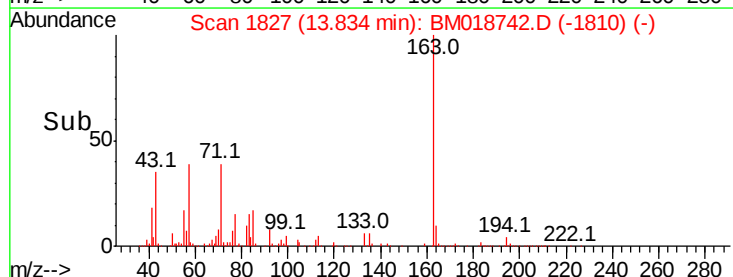
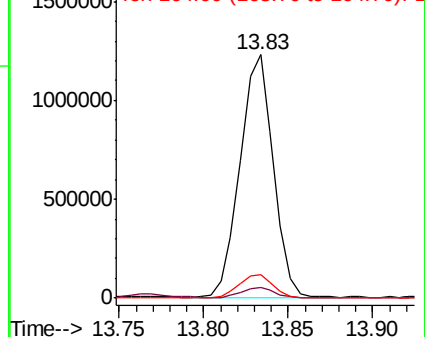
164 9.8 7.8 11.8

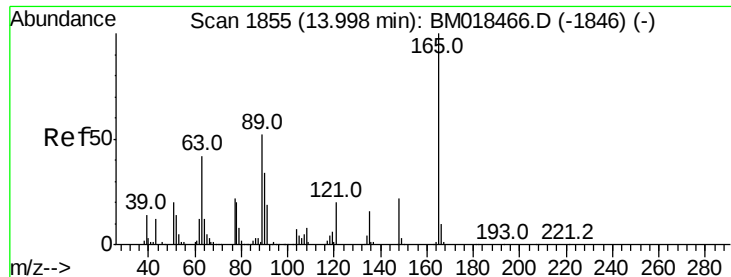


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

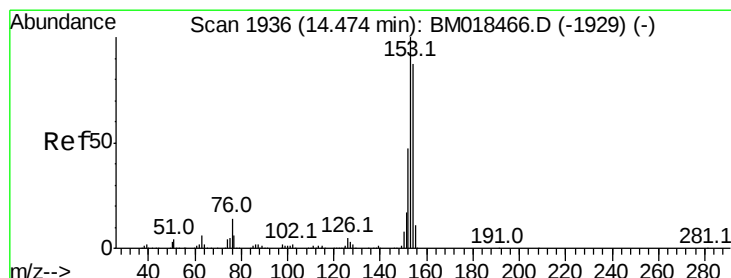
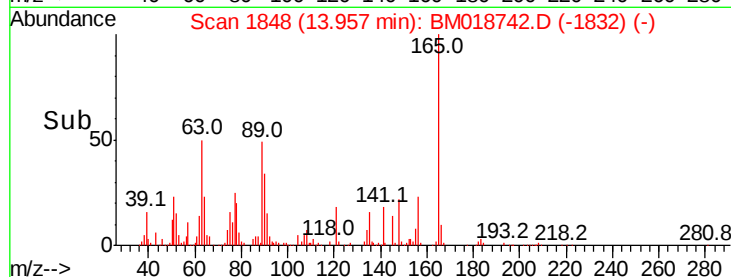
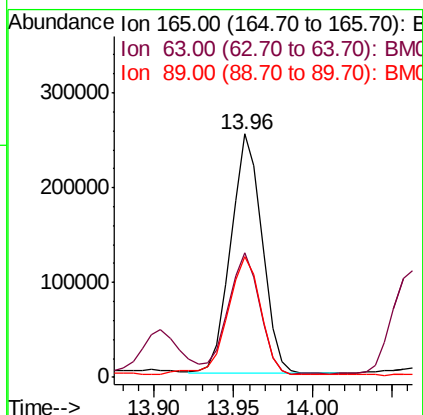
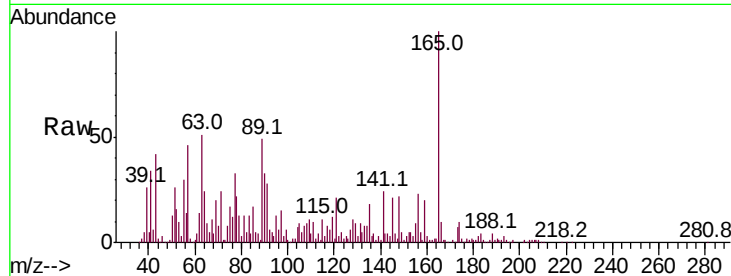




#51
2,6-Dinitrotoluene
Concen: 46.904 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

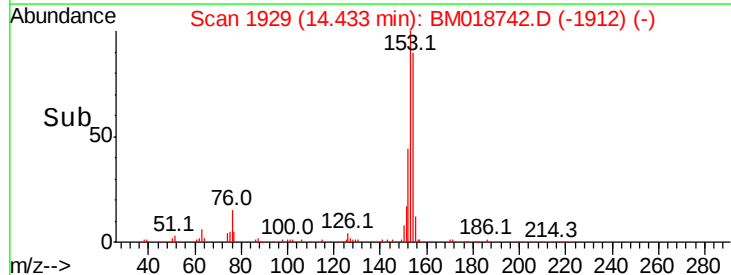
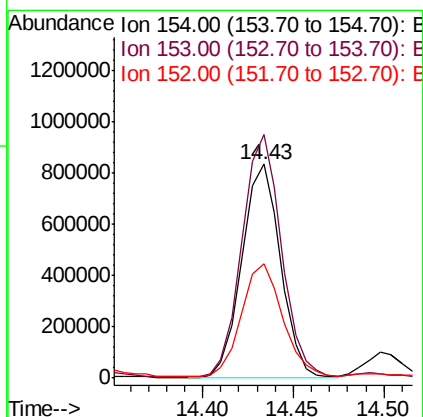
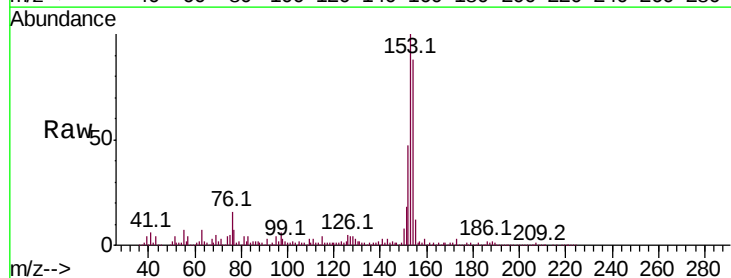
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

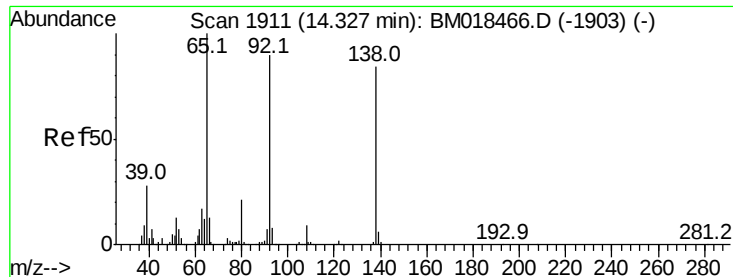
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	45.6	68.4
89	49.4	44.6	66.8



#52
Acenaphthene
Concen: 48.337 ng
RT: 14.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	92.3	138.5
152	53.6	43.8	65.6

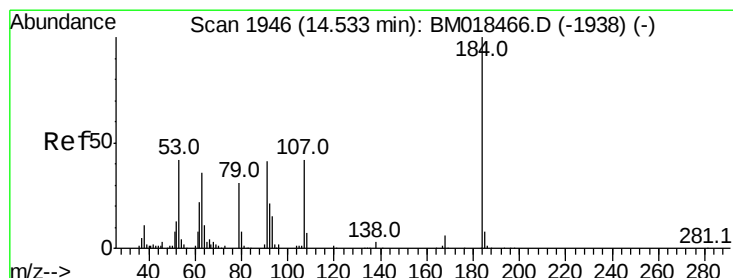
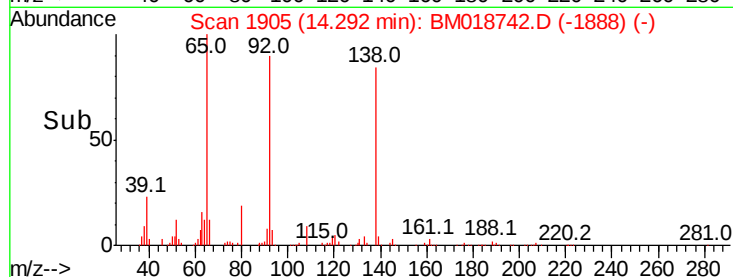
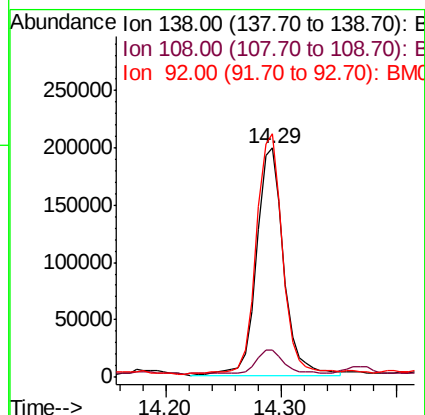
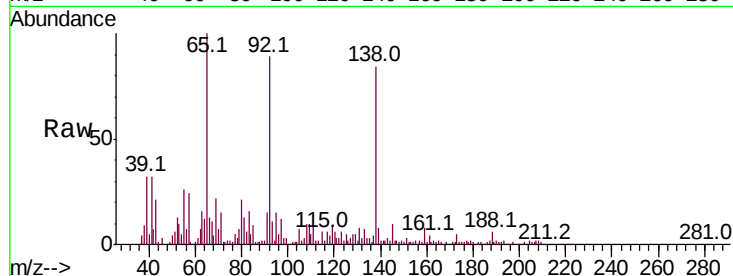




#53
3-Nitroaniline
Concen: 43.619 ng
RT: 14.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

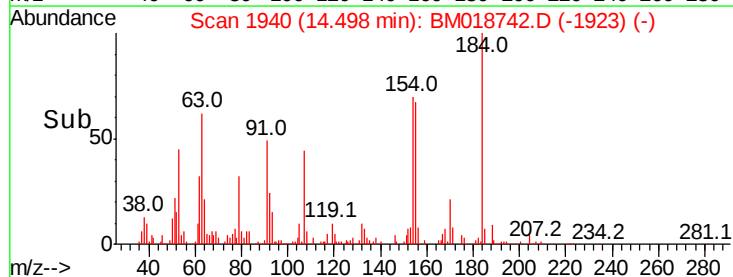
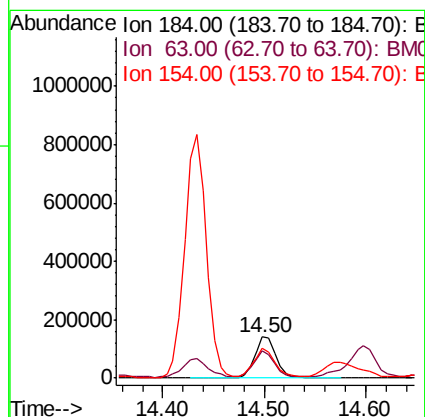
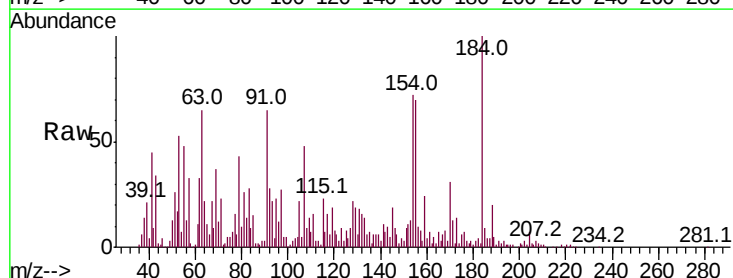
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

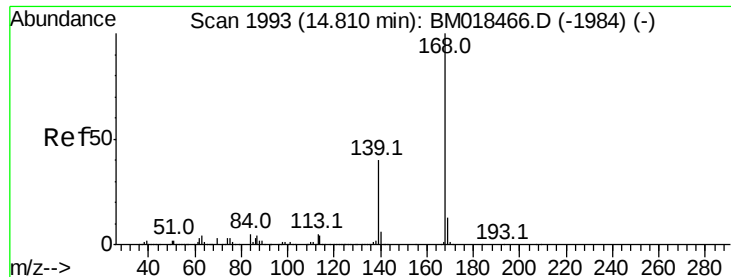
Tot Ion:138 Resp: 323360
Ion Ratio Lower Upper
138 100
108 11.9 9.1 13.7
92 106.4 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 55.228 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion:184 Resp: 210087
Ion Ratio Lower Upper
184 100
63 65.2 55.9 83.9
154 72.0 54.2 81.4





#55

Dibenzofuran

Concen: 45.306 ng

RT: 14.77 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

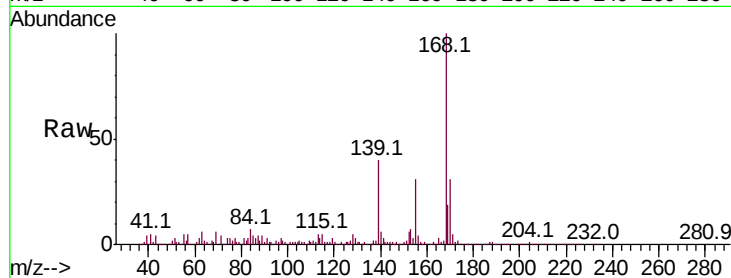
Tot Ion:168 Resp: 1910340

Ion Ratio Lower Upper

168 100

139 39.7 30.3 45.5

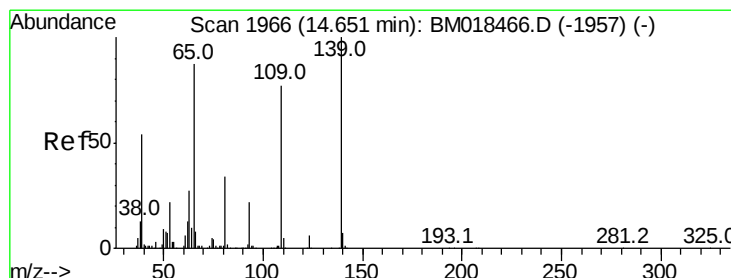
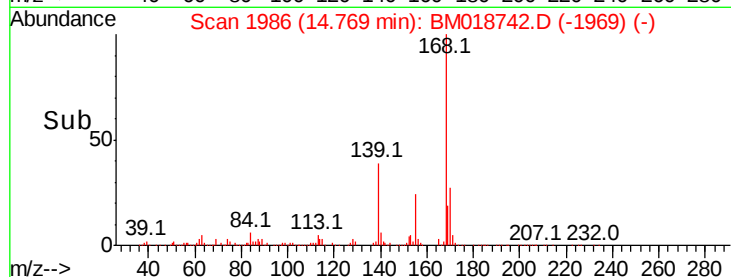
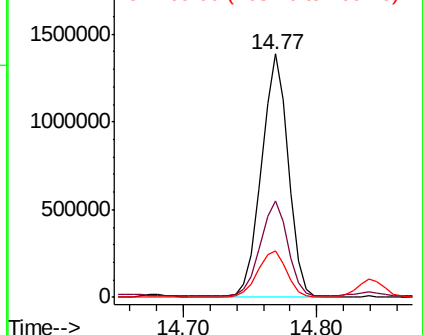
169 19.2 10.6 16.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 108.070 ng

RT: 14.60 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

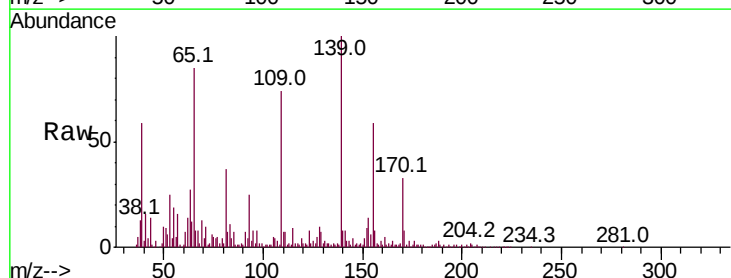
Tgt Ion:139 Resp: 692112

Ion Ratio Lower Upper

139 100

109 74.5 51.7 91.7

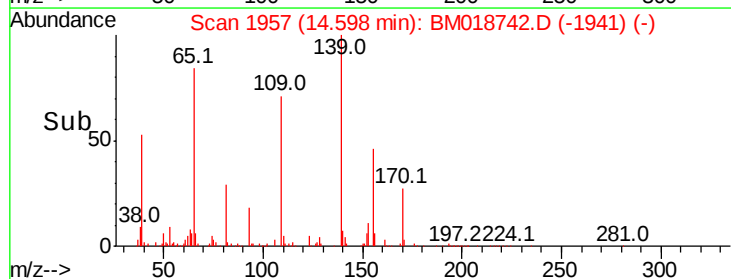
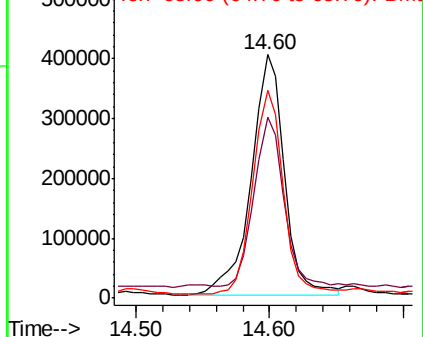
65 85.4 71.4 111.4

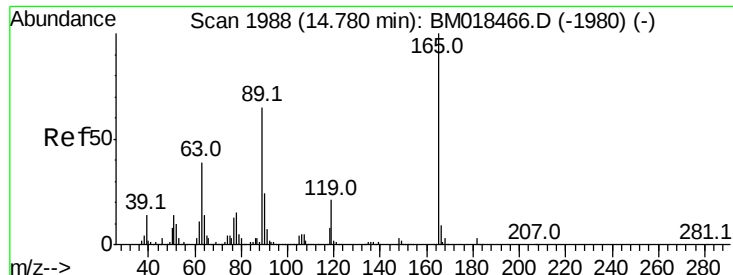


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

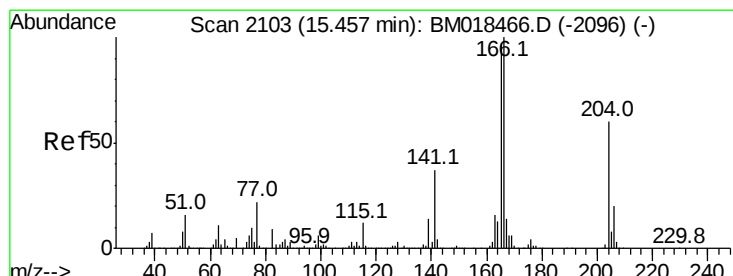
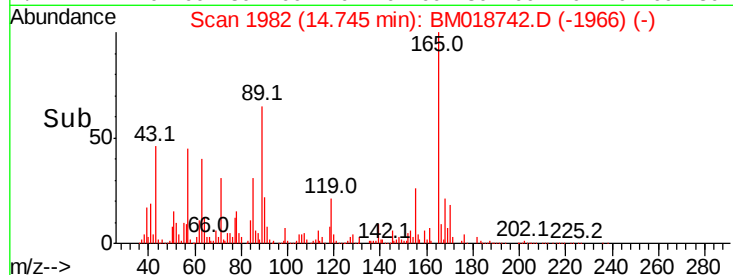
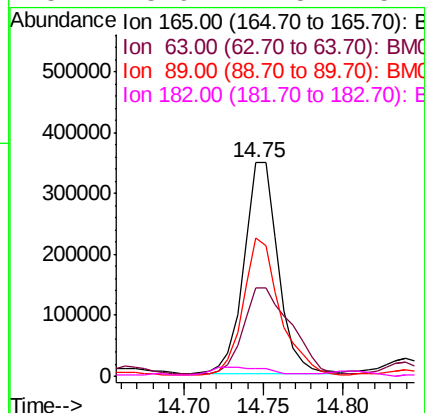
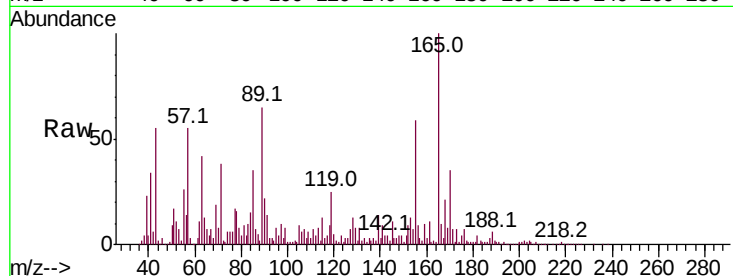




#57
2,4-Dinitrotoluene
Concen: 49.892 ng
RT: 14.75 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

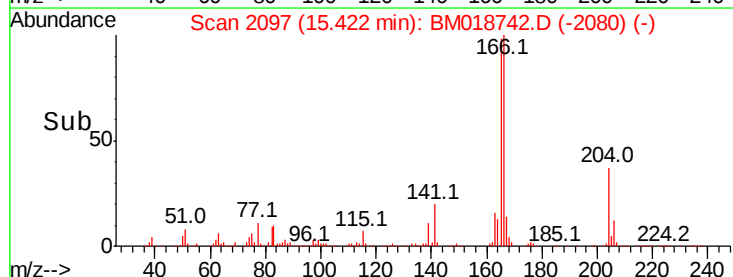
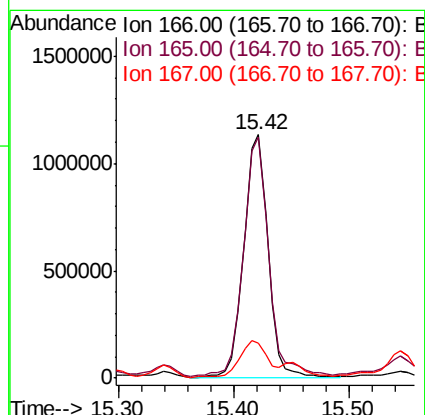
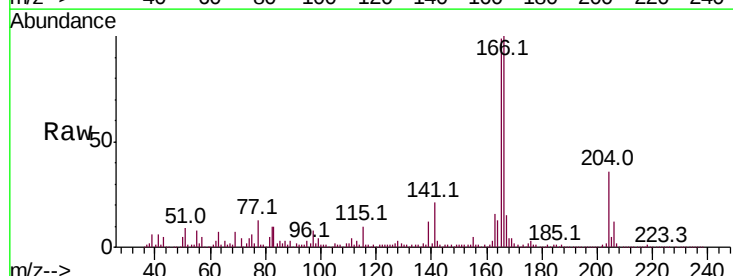
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

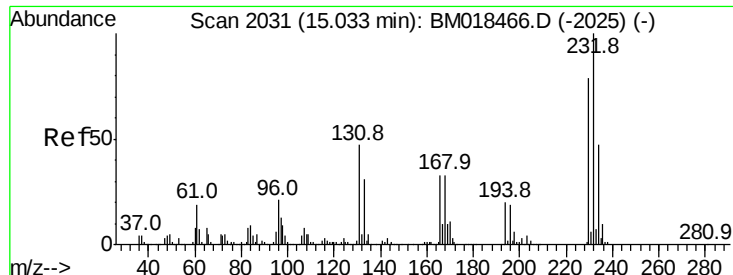
Tot Ion:165 Resp: 519076
Ion Ratio Lower Upper
165 100
63 41.6 32.2 48.2
89 64.7 52.1 78.1
182 3.9 2.5 3.7#



#58
Fluorene
Concen: 52.324 ng
RT: 15.42 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion:166 Resp: 1643503
Ion Ratio Lower Upper
166 100
165 98.9 78.3 117.5
167 14.5 10.9 16.3

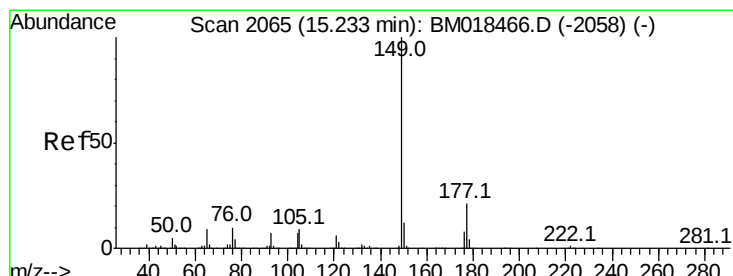
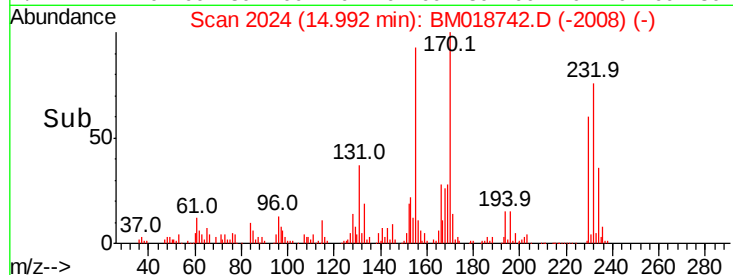
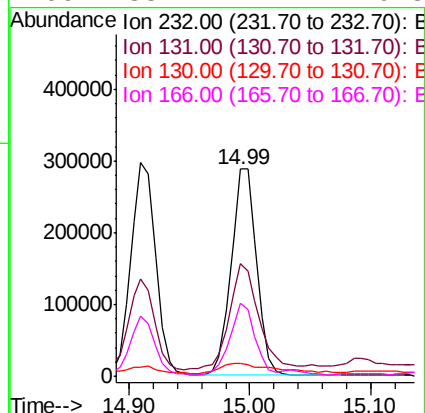
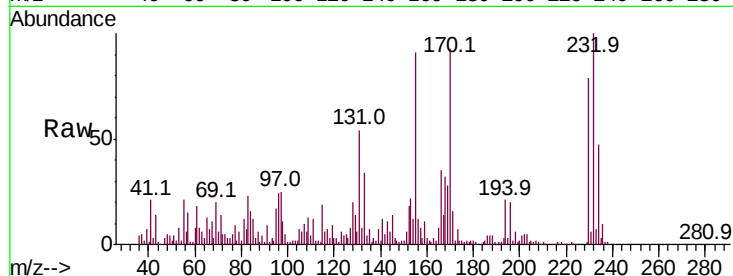




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.509 ng
RT: 14.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

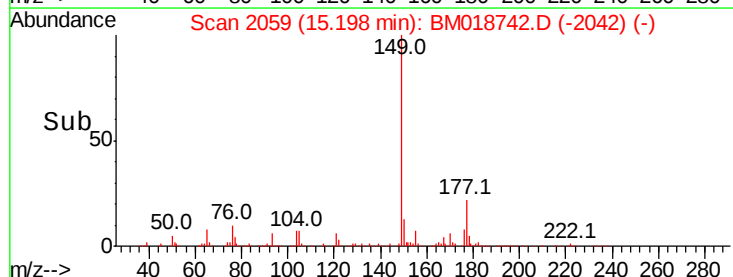
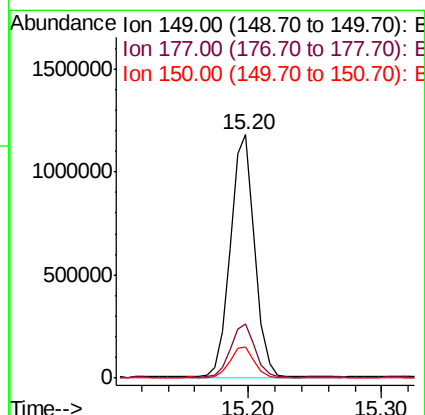
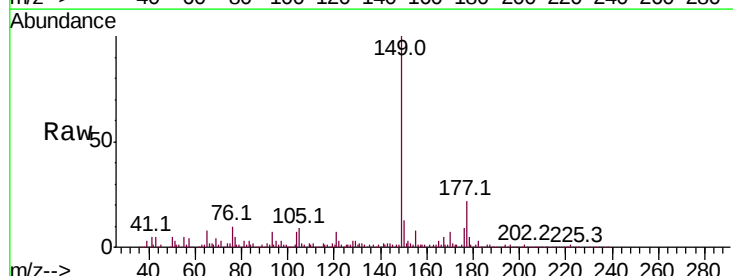
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

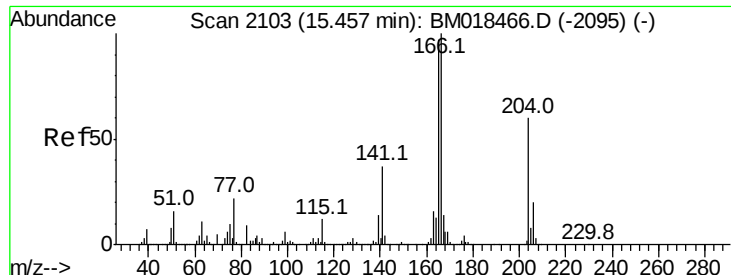
Tot Ion	Ratio	Lower	Upper
232	100		
131	58.1	38.6	57.8#
130	10.1	2.2	3.4#
166	33.2	27.2	40.8



#60
Diethylphthalate
Concen: 42.636 ng
RT: 15.20 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.1	25.7
150	12.7	9.8	14.6

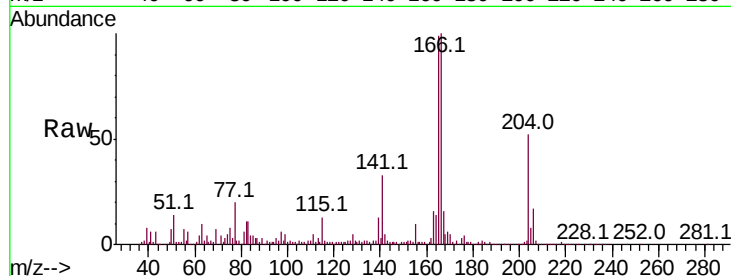




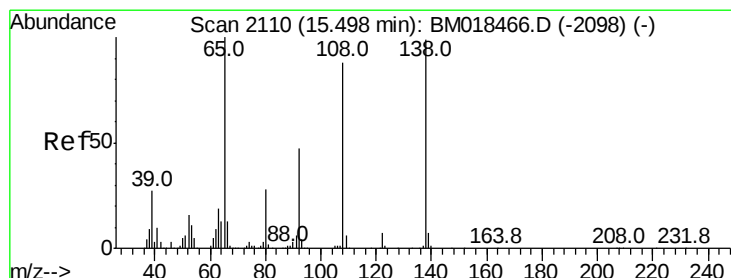
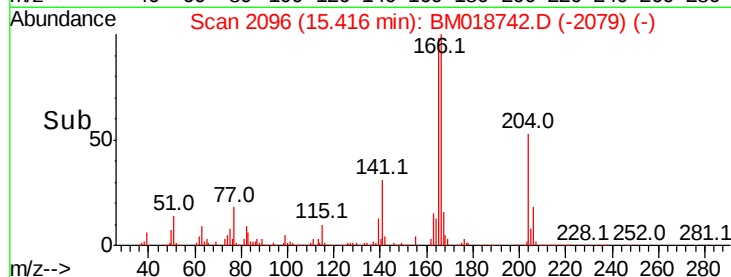
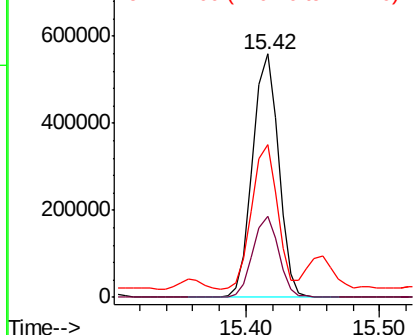
#61
4-Chlorophenyl-phenylether
Concen: 41.321 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

Tot Ion:204 Resp: 748053
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.6
141 63.0 49.5 74.3

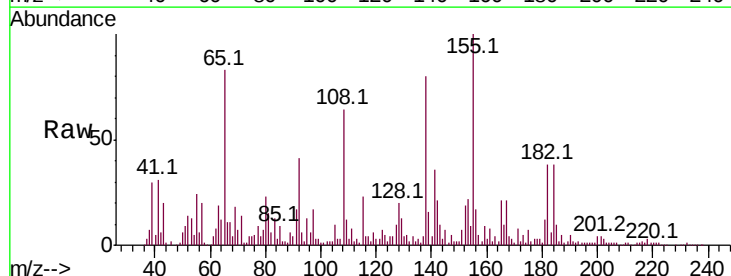


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

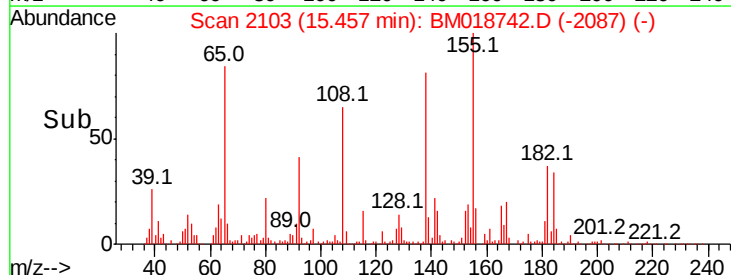
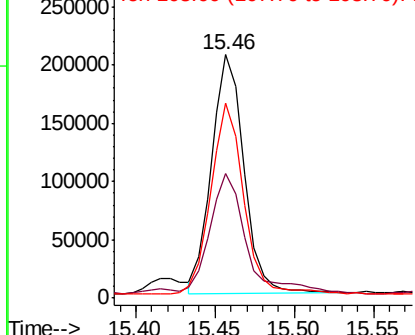


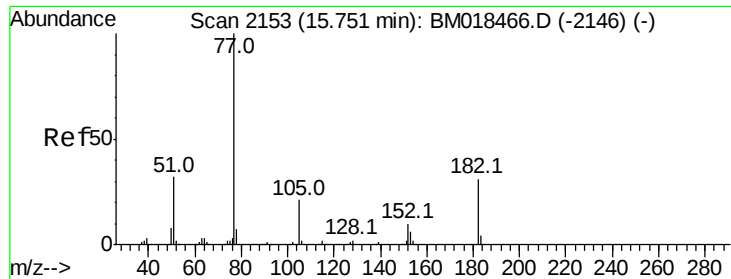
#62
4-Nitroaniline
Concen: 36.108 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion:138 Resp: 291972
Ion Ratio Lower Upper
138 100
92 51.4 29.0 69.0
108 80.3 63.9 103.9



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





#63

Azobenzene

Concen: 44.175 ng

RT: 15.71 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

Tot Ion: 77 Resp: 1262178

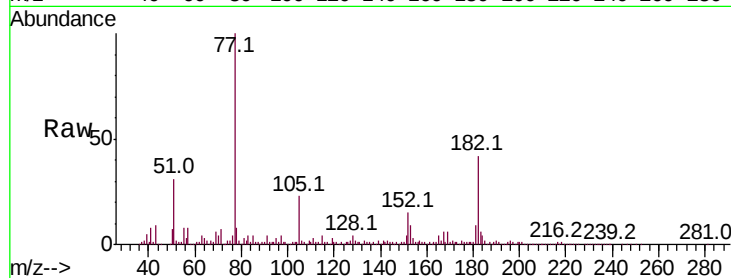
Ion Ratio Lower Upper

77 100

182 41.7 7.4 47.4

105 22.9 0.0 39.6

51 30.7 12.0 52.0

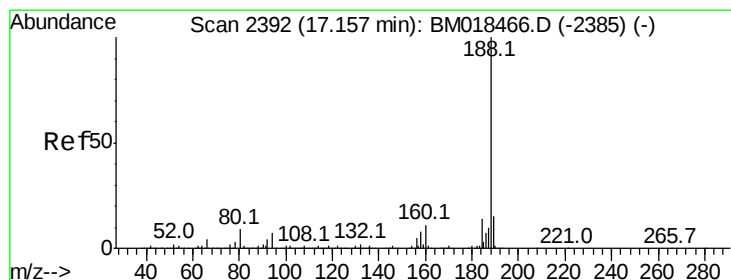
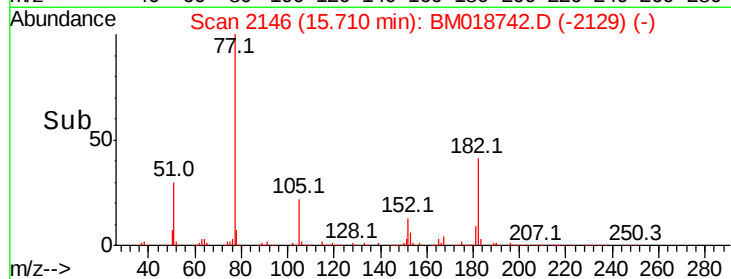
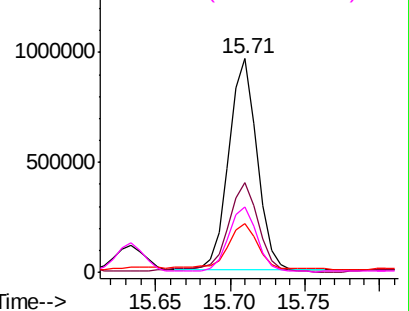


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

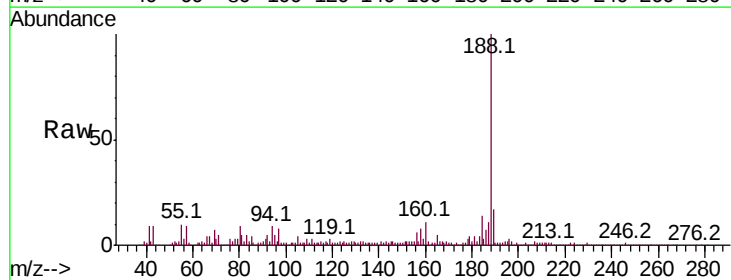
Tgt Ion: 188 Resp: 833168

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

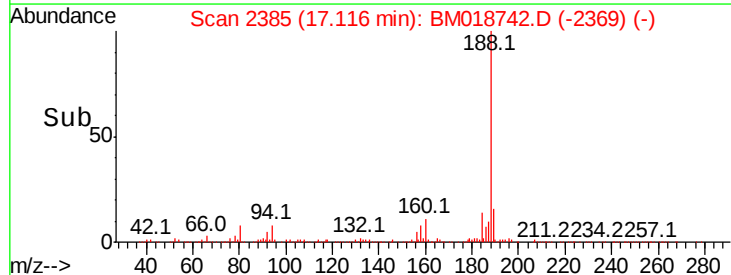
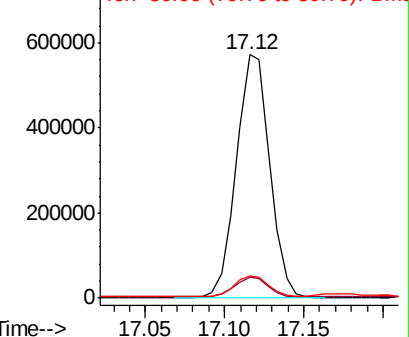
80 9.0 7.6 11.4

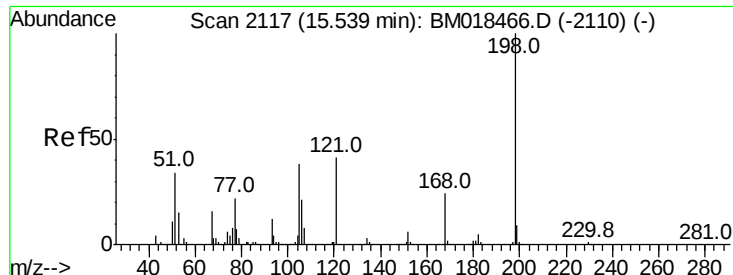


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

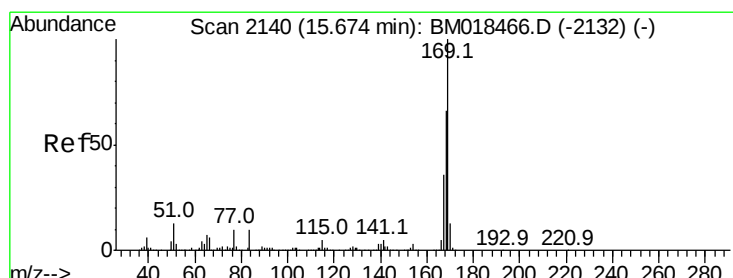
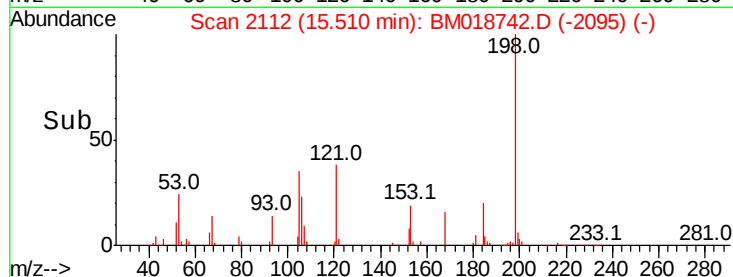
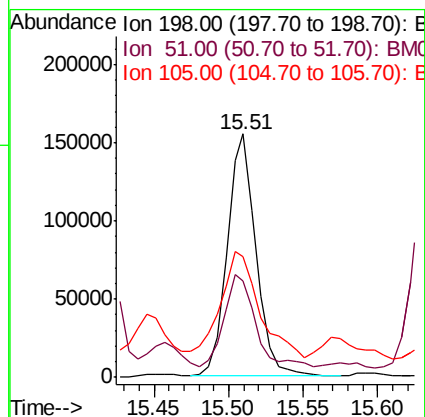
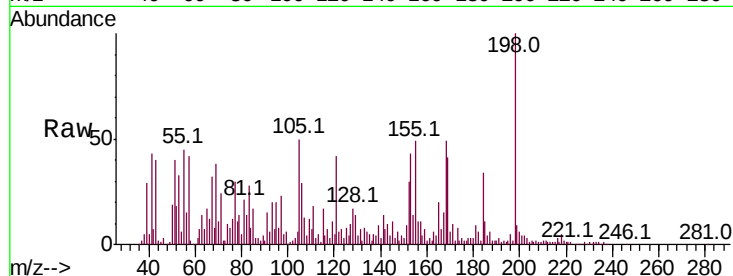




#65
4,6-Dinitro-2-methylphenol
Concen: 40.326 ng
RT: 15.51 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

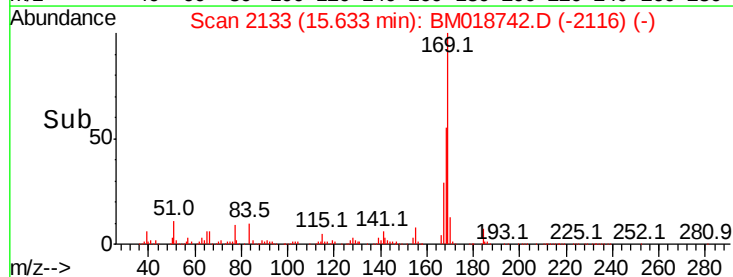
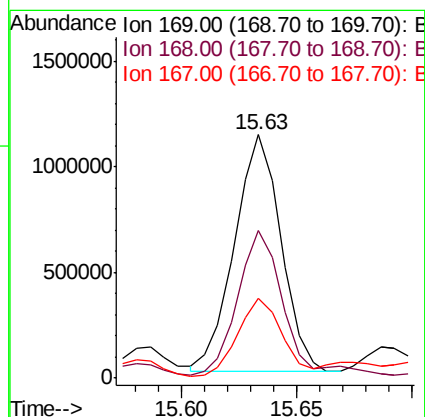
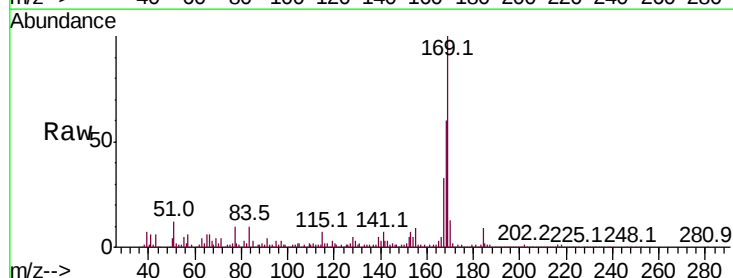
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

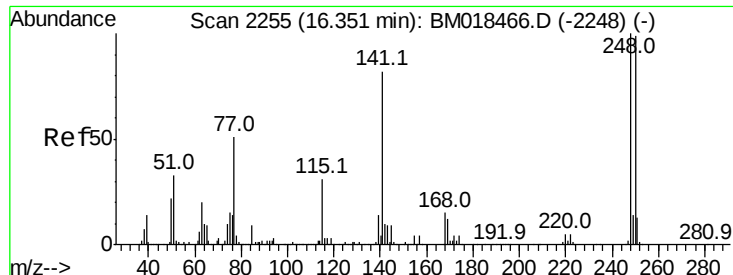
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.6	29.6	69.6
105	49.7	25.5	65.5



#66
n-Nitrosodiphenylamine
Concen: 61.138 ng
RT: 15.63 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	60.4	54.1	81.1
167	32.9	28.6	42.8

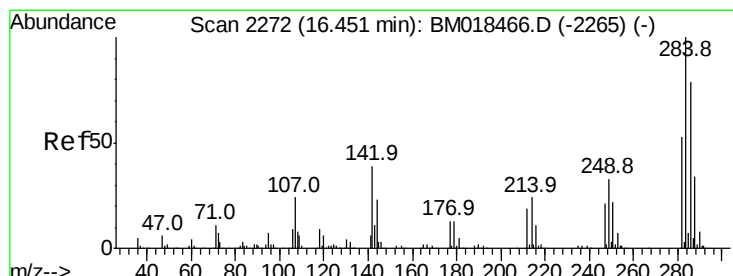
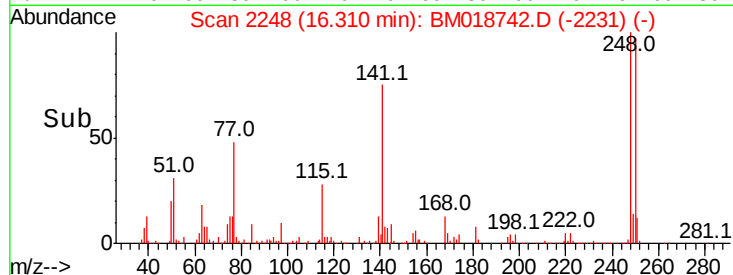
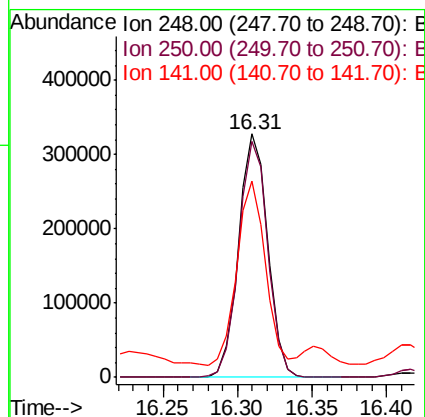
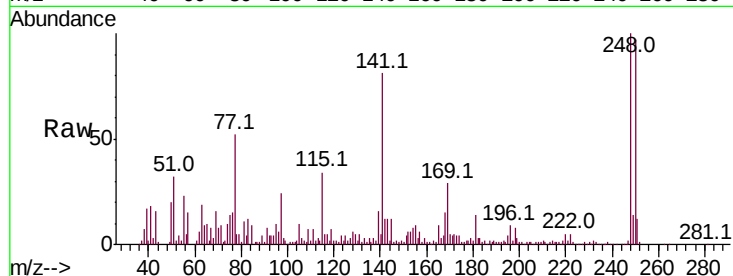




#67
4-Bromophenyl-phenylether
Concen: 47.353 ng
RT: 16.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

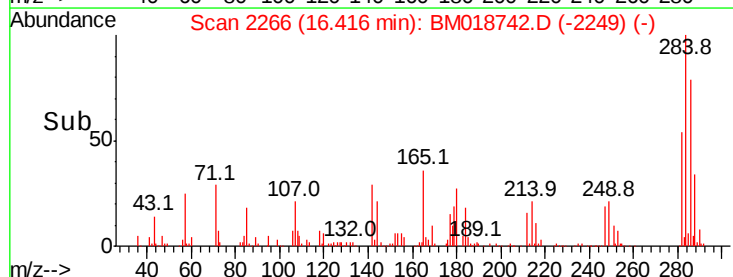
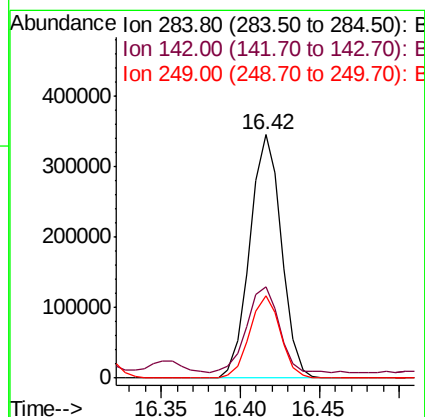
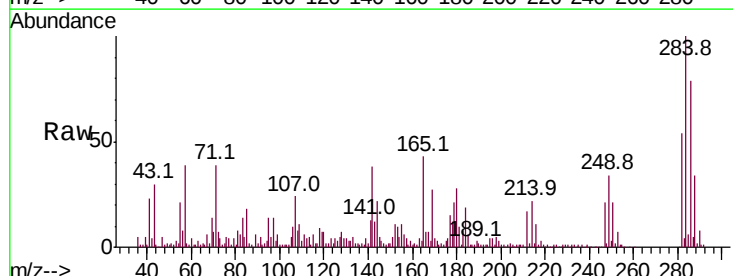
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

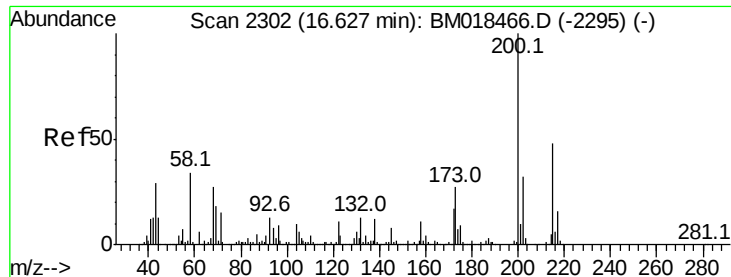
Tot Ion:248 Resp: 441501
Ion Ratio Lower Upper
248 100
250 96.7 76.0 114.0
141 80.6 61.5 92.3



#68
Hexachlorobenzene
Concen: 45.851 ng
RT: 16.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion:284 Resp: 478583
Ion Ratio Lower Upper
284 100
142 37.7 29.2 43.8
249 33.6 26.1 39.1

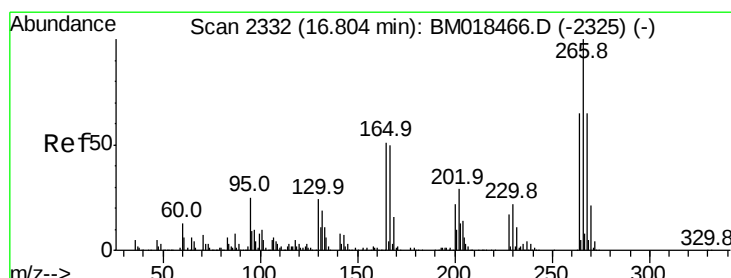
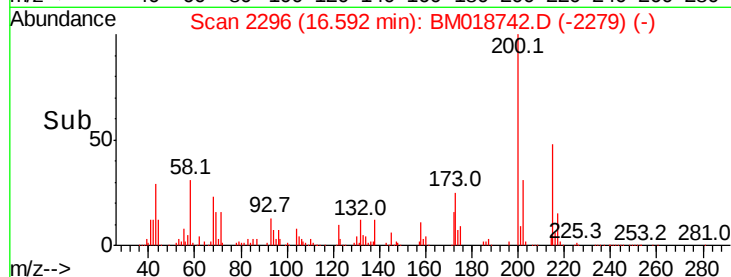
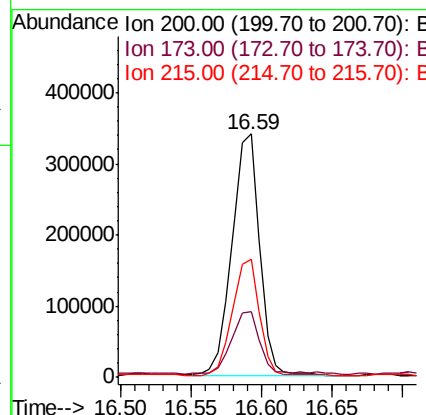
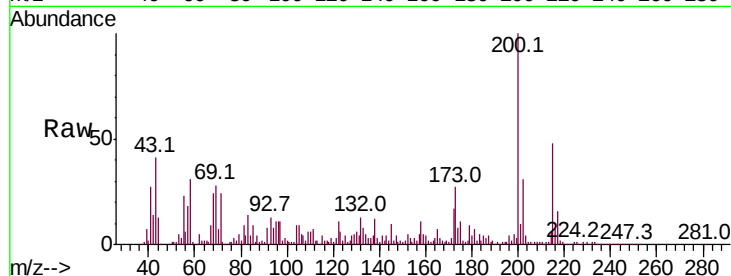




#69
 Atrazine
 Concen: 49.738 ng
 RT: 16.59 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BM018742.D
 Acq: 07 Feb 2019 17:53

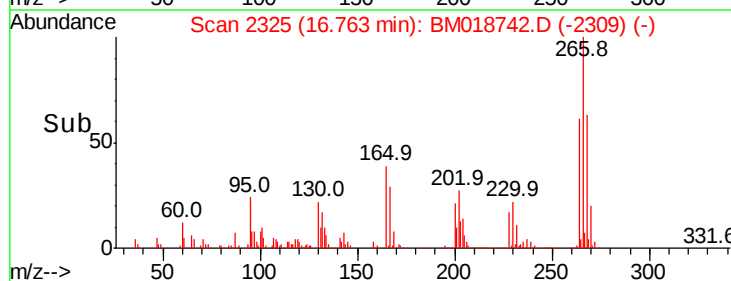
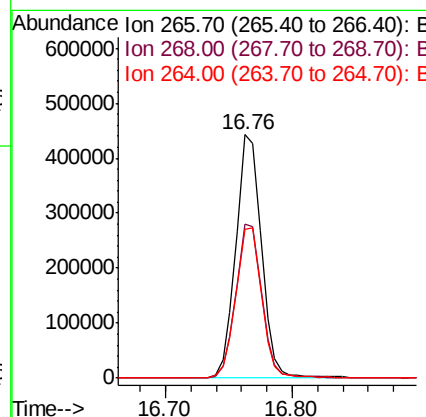
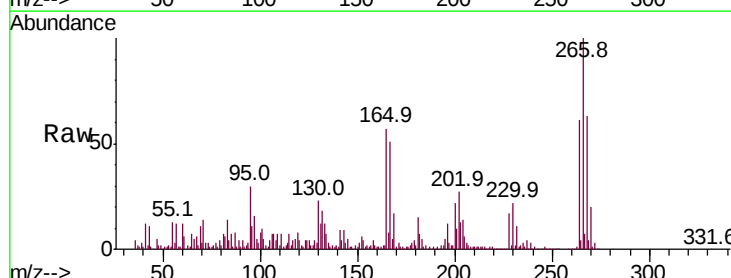
Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)MSD

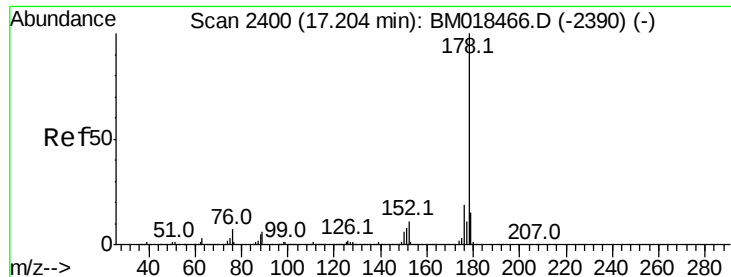
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.2	47.2
215	48.4	28.3	68.3



#70
 Pentachlorophenol
 Concen: 90.304 ng
 RT: 16.76 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BM018742.D
 Acq: 07 Feb 2019 17:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.8	74.6
264	61.2	50.1	75.1





#71

Phenanthrene

Concen: 63.300 ng

RT: 17.16 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

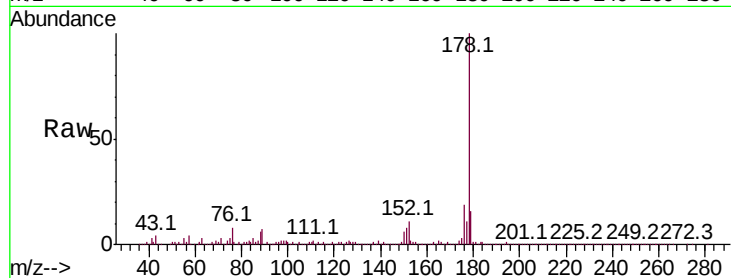
Tot Ion:178 Resp: 2805202

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

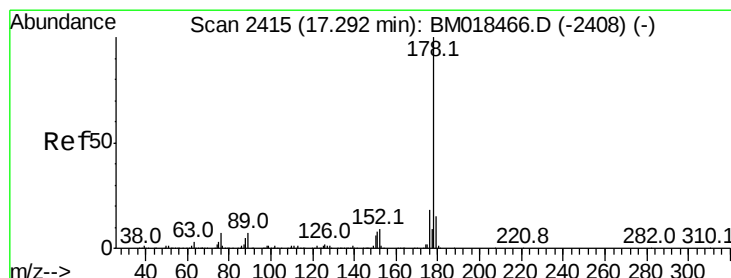
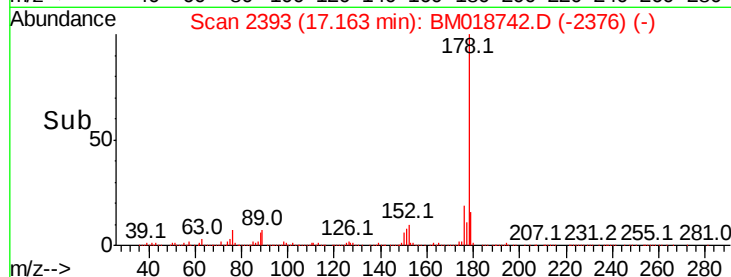
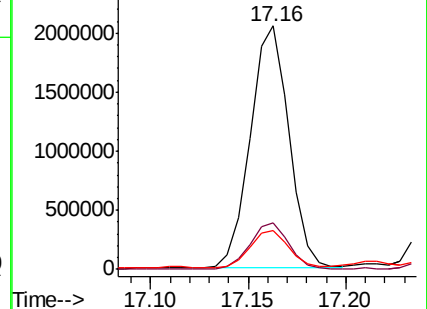
179 16.1 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 54.663 ng

RT: 17.25 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

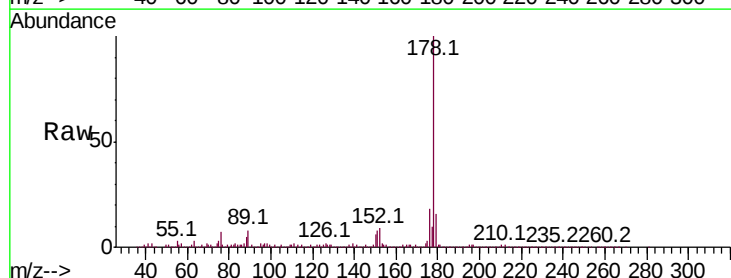
Tgt Ion:178 Resp: 2329459

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

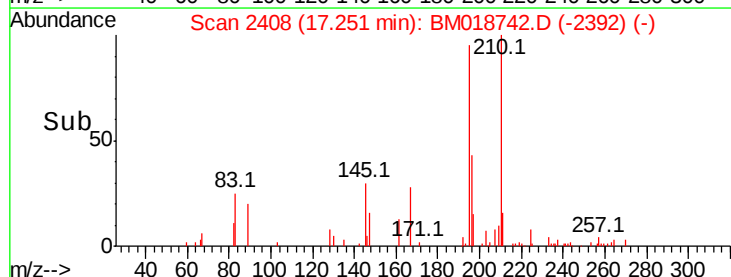
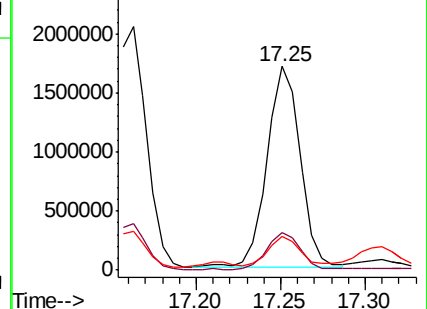
179 16.2 12.2 18.4

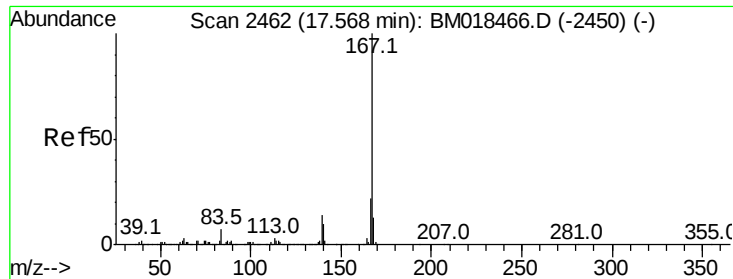


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

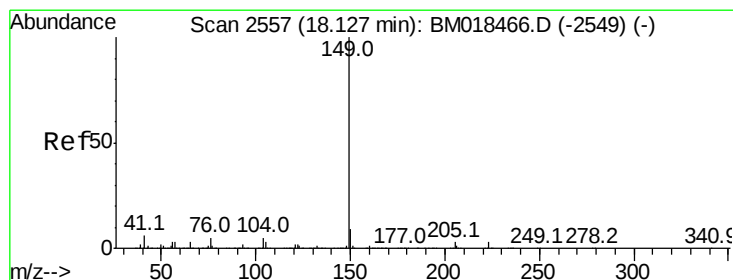
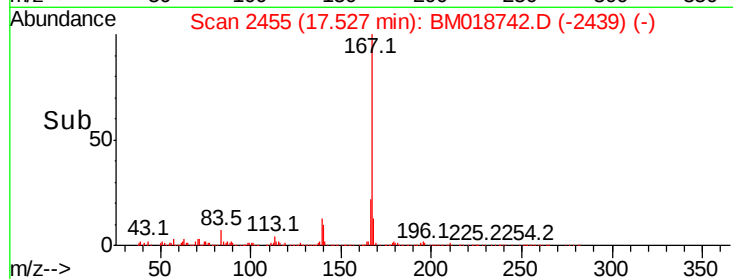
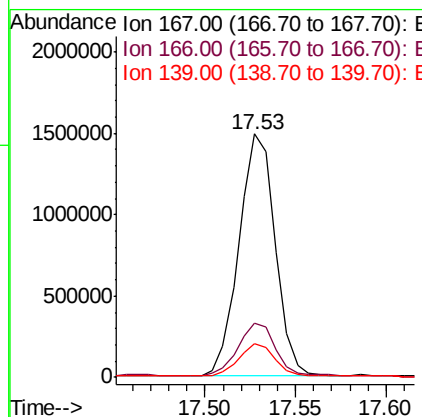
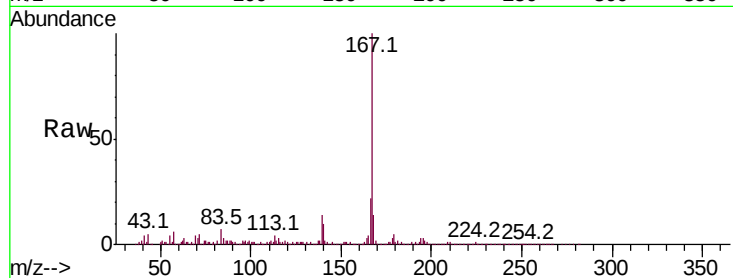




#73
 Carbazole
 Concen: 47.236 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018742.D
 Acq: 07 Feb 2019 17:53

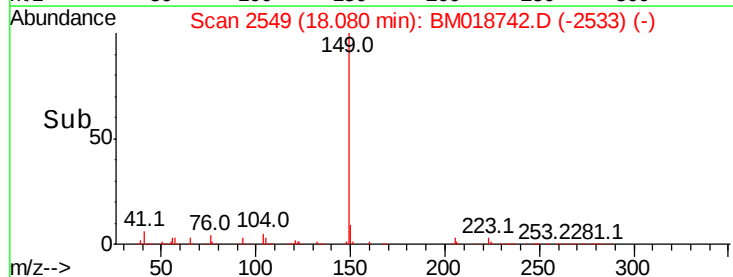
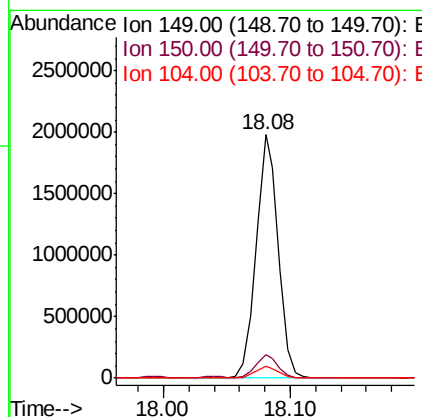
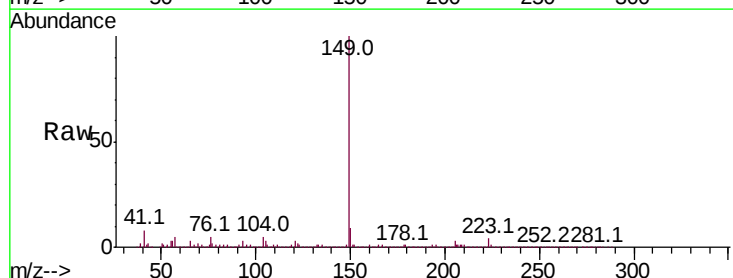
Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)MSD

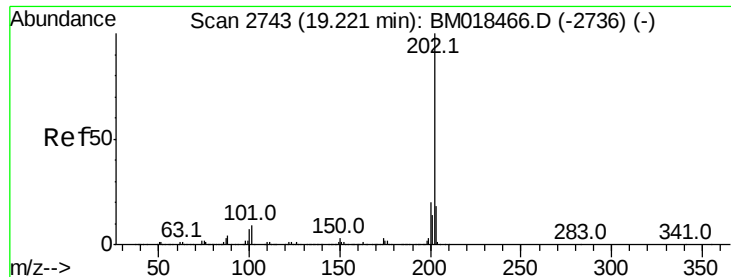
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.2
139	13.7	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 49.591 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BM018742.D
 Acq: 07 Feb 2019 17:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 48.932 ng

RT: 19.18 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

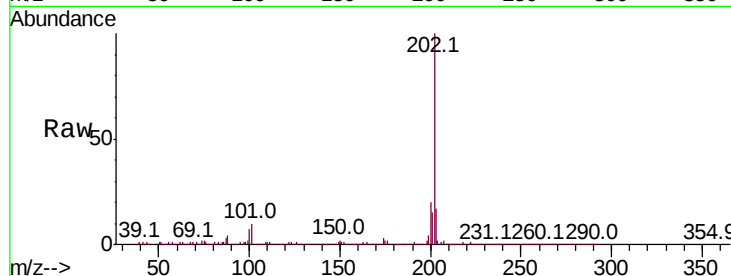
Tot Ion:202 Resp: 2500076

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.9

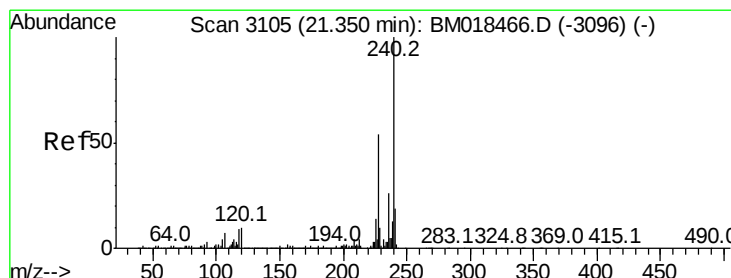
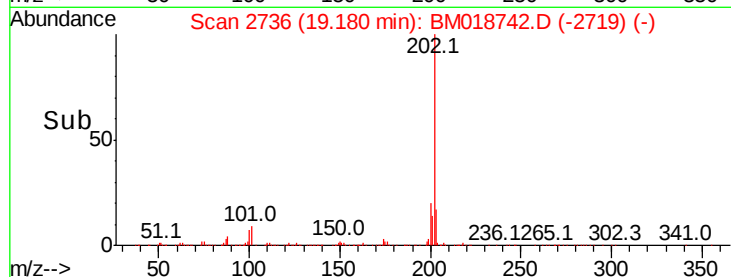
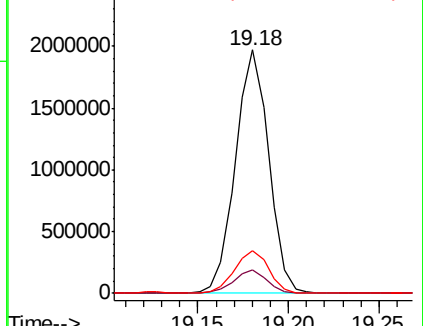
203 17.3 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

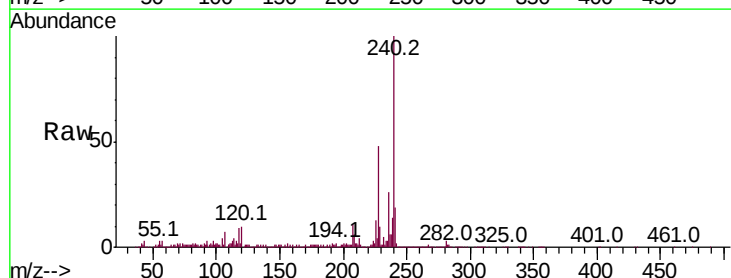
Tgt Ion:240 Resp: 854129

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

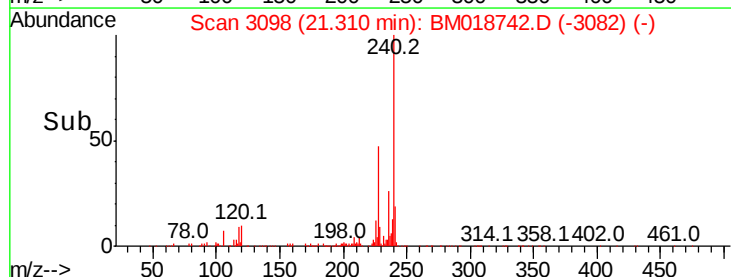
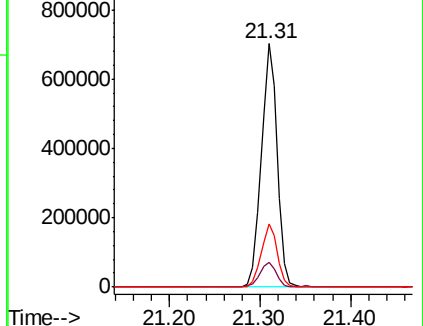
236 25.8 20.7 31.1

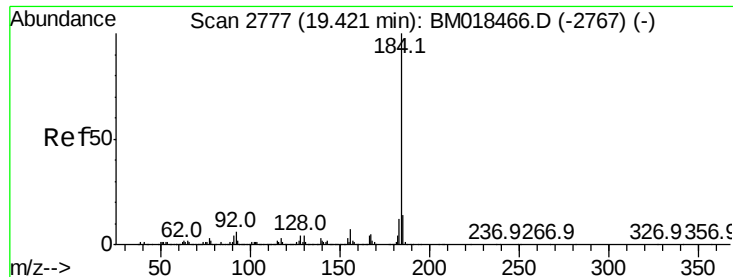


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 64.261 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

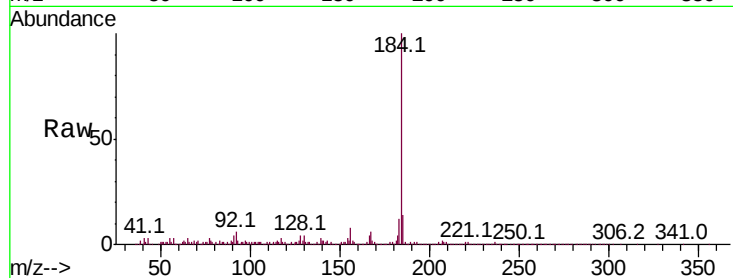
Tot Ion:184 Resp: 1355248

Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.0

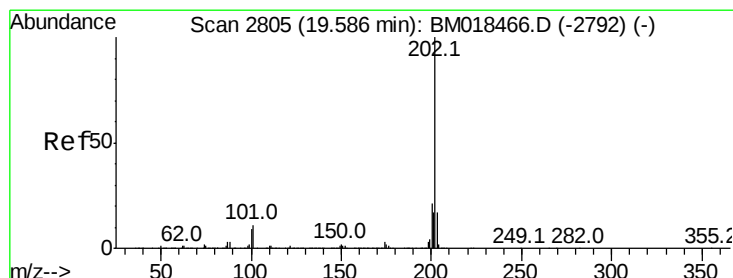
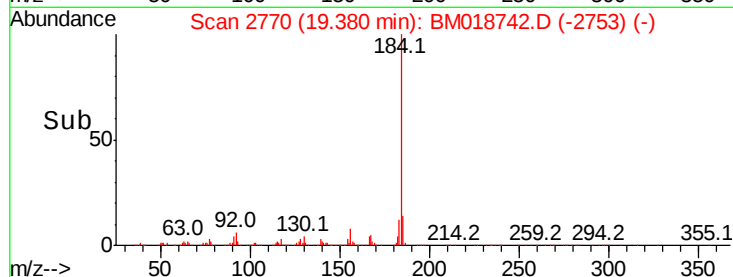
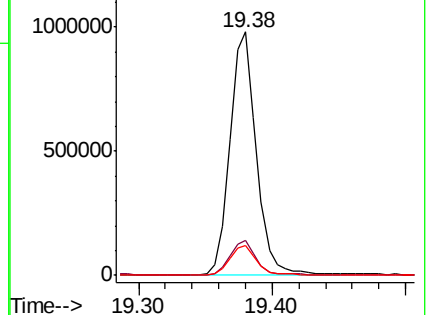
183 12.1 9.5 14.3



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: 51.953 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

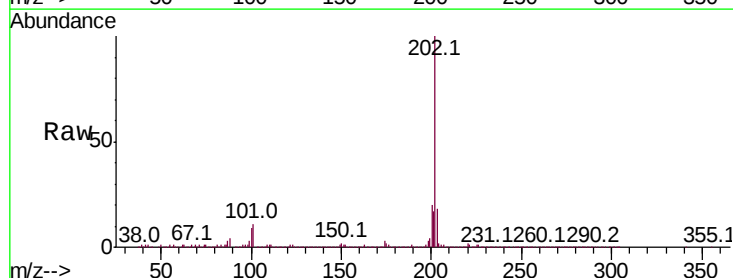
Tgt Ion:202 Resp: 2630316

Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

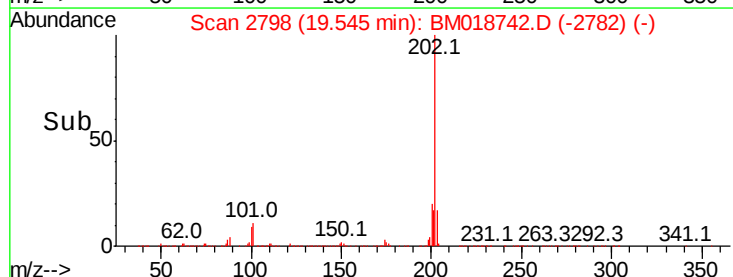
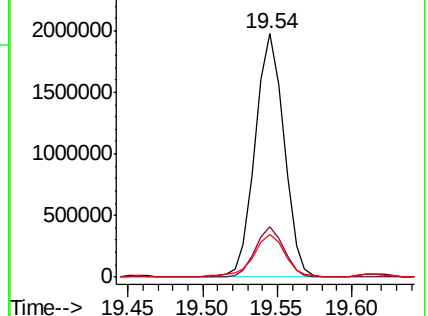
203 17.7 13.8 20.8

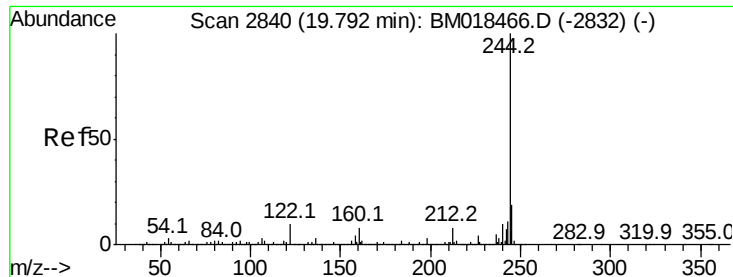


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

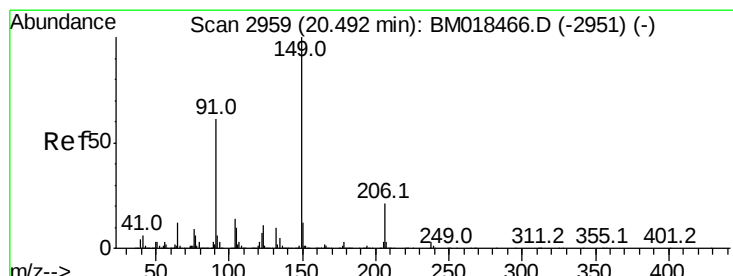
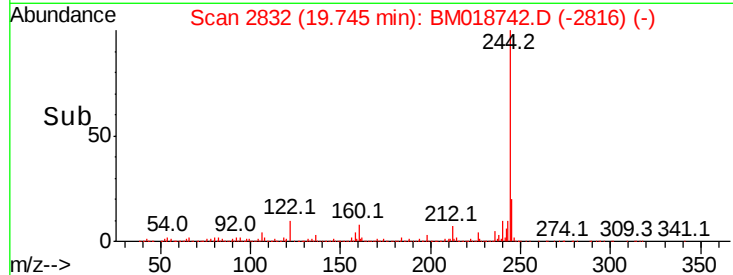
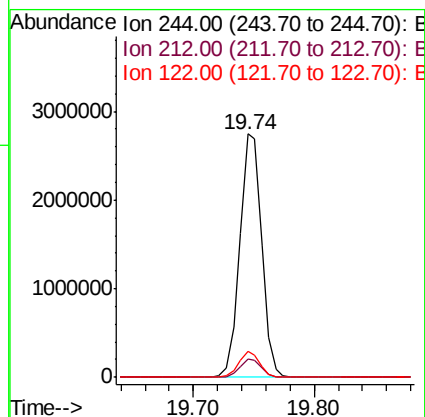
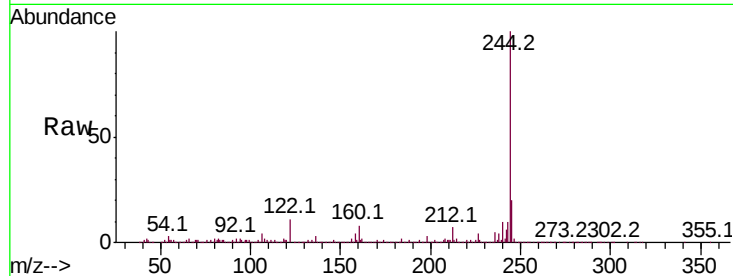




#79
 Terphenyl-d14
 Concen: 85.530 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BM018742.D
 Acq: 07 Feb 2019 17:53

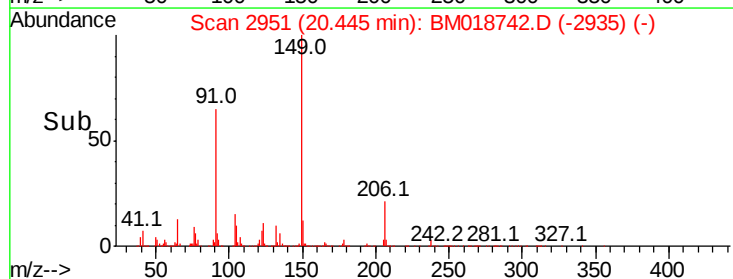
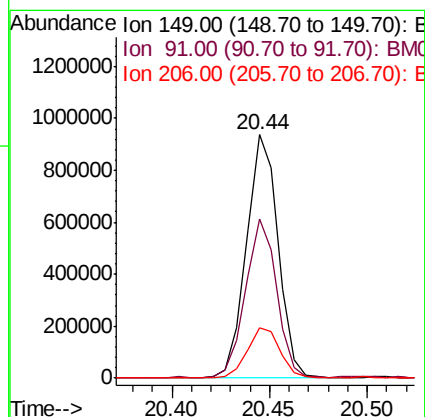
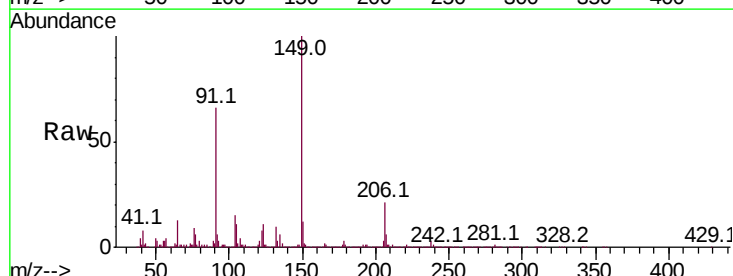
Instrument :
 BNA_M
 ClientSampleId :
 SB-01(12-13)MSD

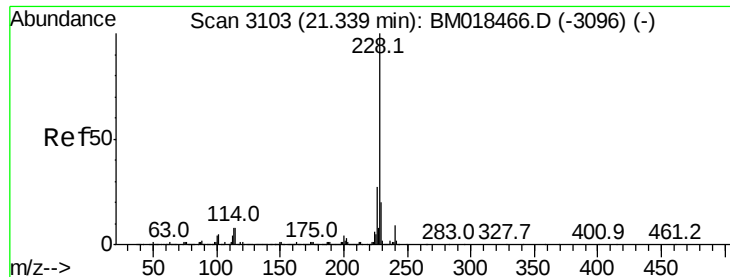
Tot Ion:244 Resp: 3465476
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.5 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 48.201 ng
 RT: 20.44 min Scan# 2951
 Delta R.T. -0.01 min
 Lab File: BM018742.D
 Acq: 07 Feb 2019 17:53

Tgt Ion:149 Resp: 1041320
 Ion Ratio Lower Upper
 149 100
 91 65.6 53.1 79.7
 206 20.9 16.2 24.4





#81

Benzo(a)anthracene

Concen: 51.067 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

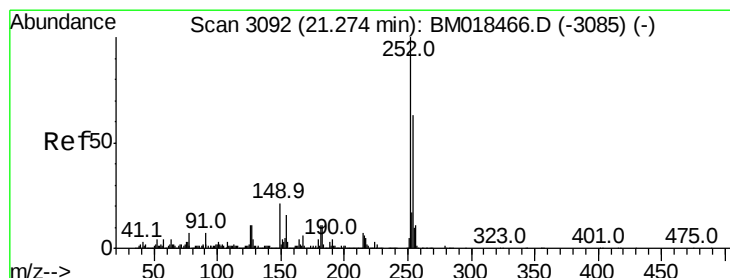
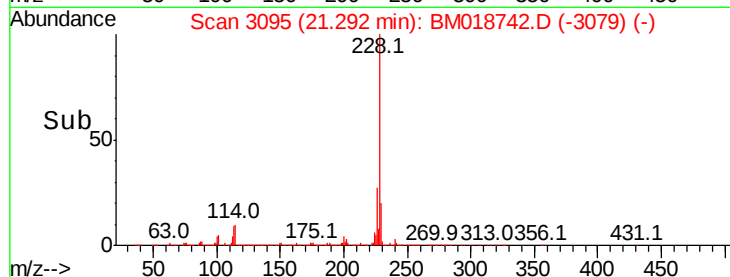
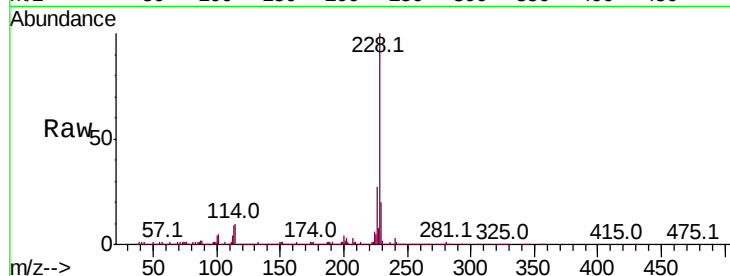
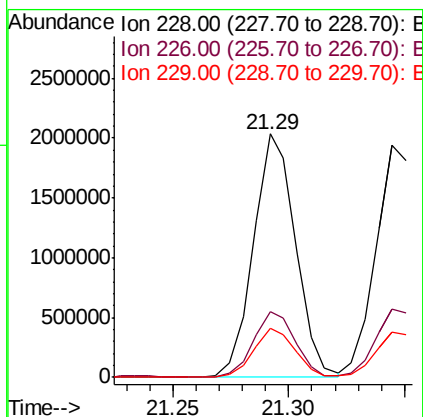
Tot Ion:228 Resp: 2569604

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.6
229	20.0	15.8	23.8

228 100

226 26.8 21.8 32.6

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 43.604 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

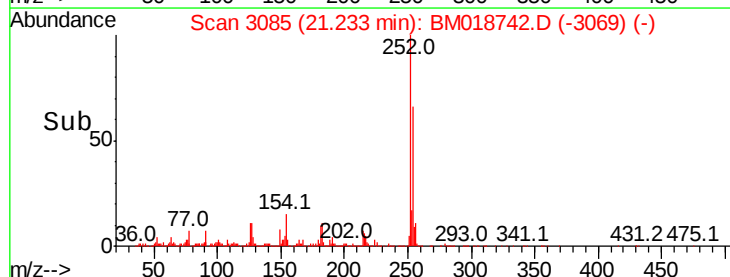
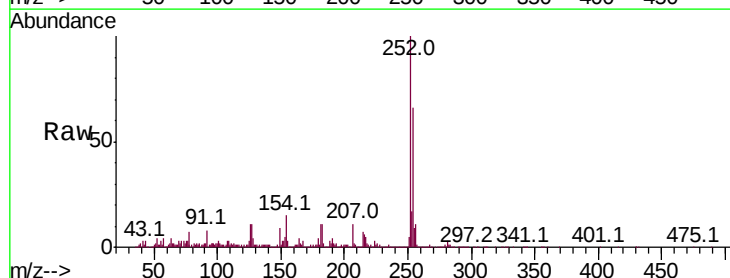
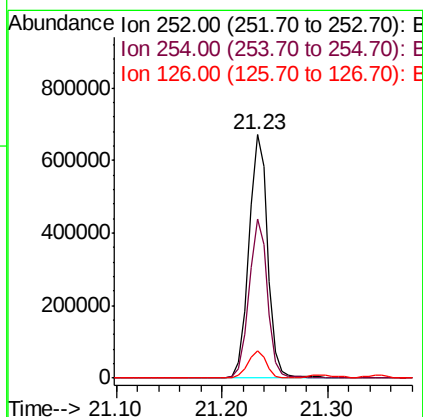
Tgt Ion:252 Resp: 829670

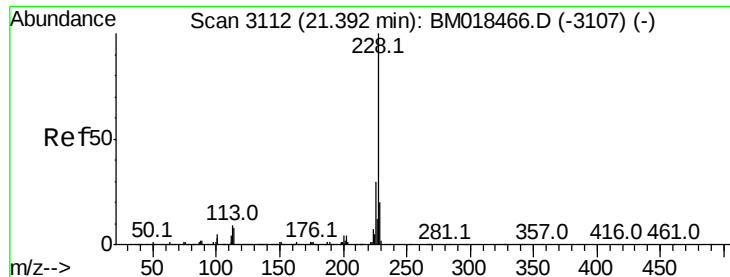
Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.4	77.0
126	11.0	8.7	13.1

252 100

254 65.5 51.4 77.0

126 11.0 8.7 13.1





#83

Chrysene

Concen: 49.661 ng

RT: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

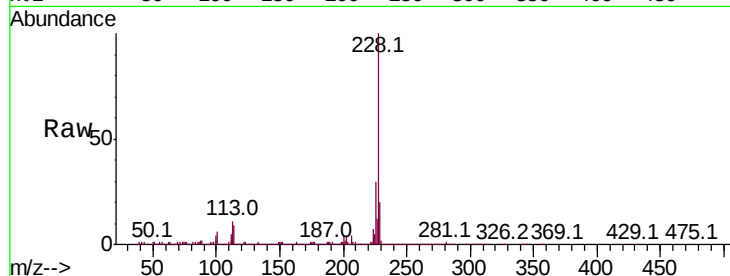
Tot Ion:228 Resp: 2413034

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

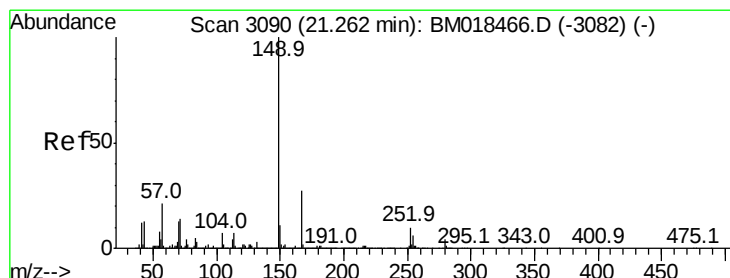
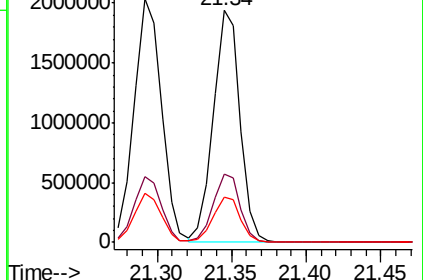
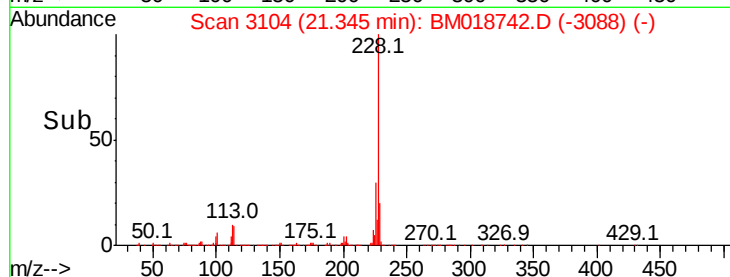
229 19.8 15.6 23.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.976 ng

RT: 21.22 min Scan# 3082

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

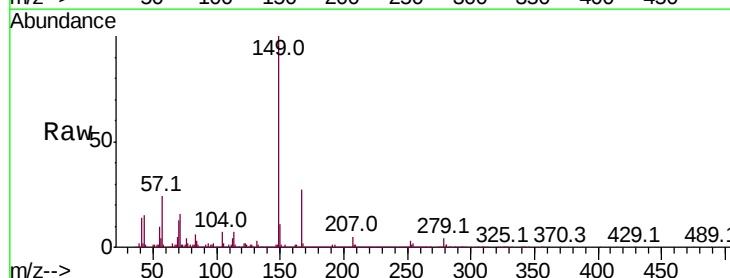
Tgt Ion:149 Resp: 1465468

Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

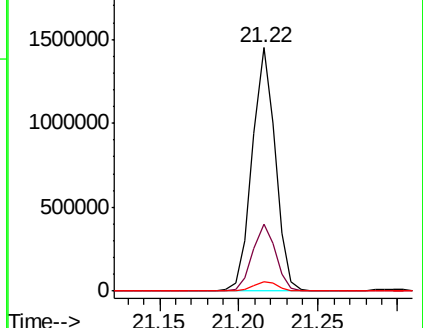
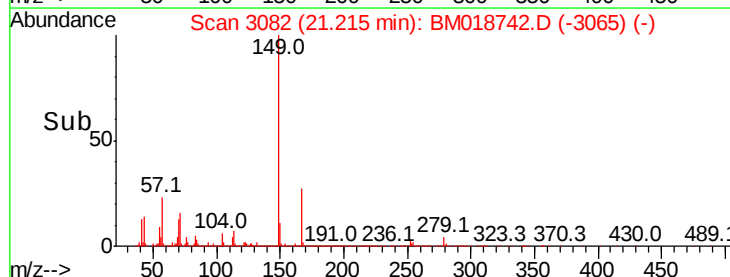
279 4.1 3.3 4.9

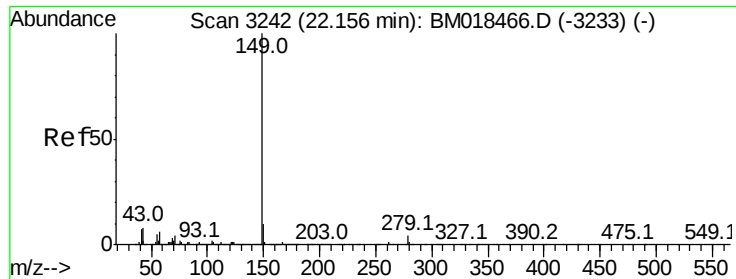


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

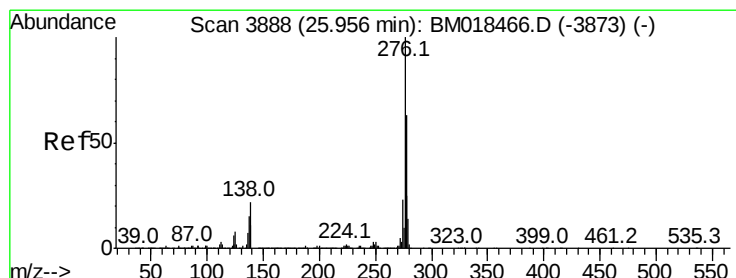
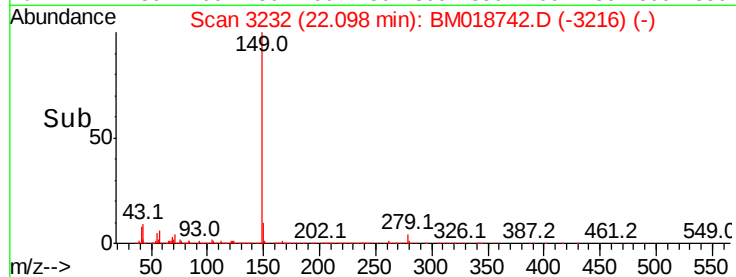
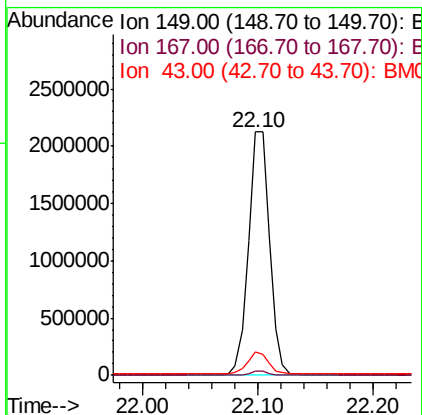
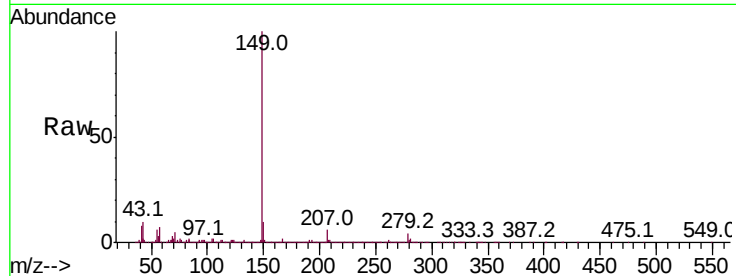




#85
Di-n-octyl phthalate
Concen: 51.132 ng
RT: 22.10 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

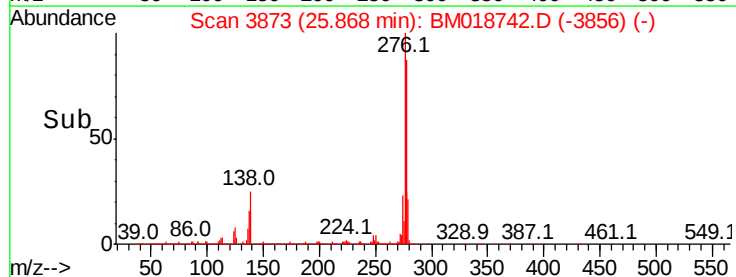
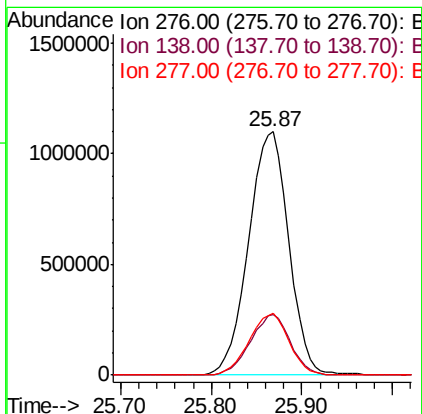
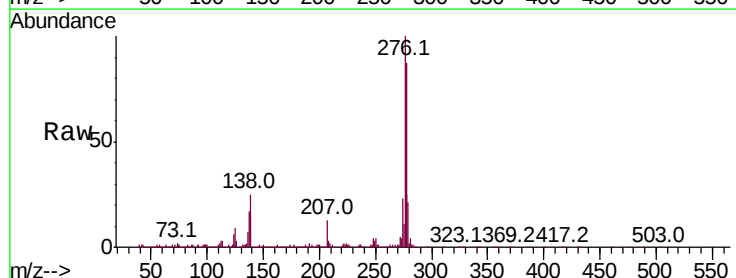
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

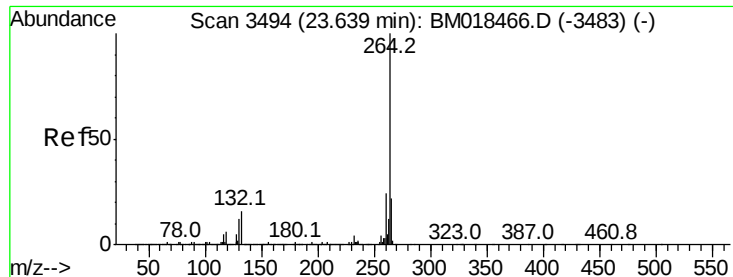
Tot Ion:149 Resp: 2682813
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 8.6 12.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 60.593 ng
RT: 25.87 min Scan# 3873
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion:276 Resp: 3394972
Ion Ratio Lower Upper
276 100
138 24.7 21.5 32.3
277 25.3 20.2 30.2



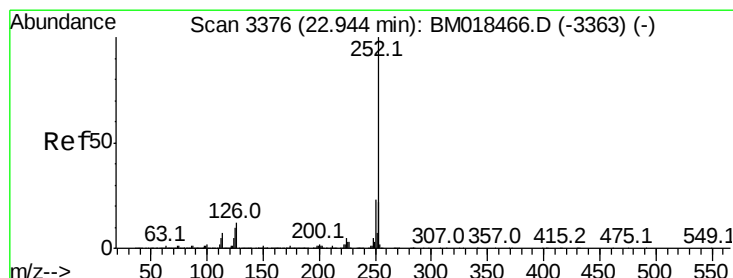
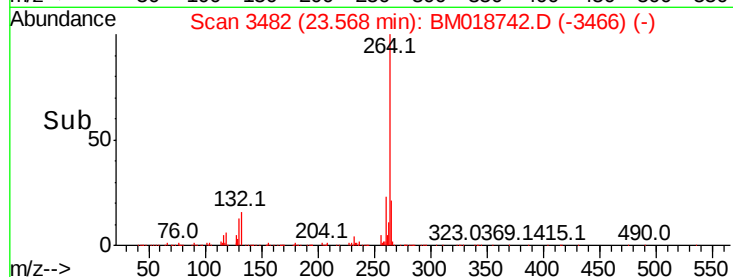
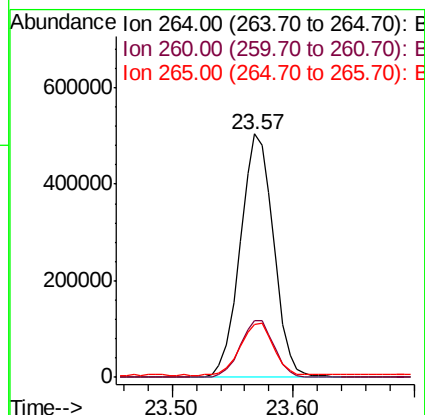
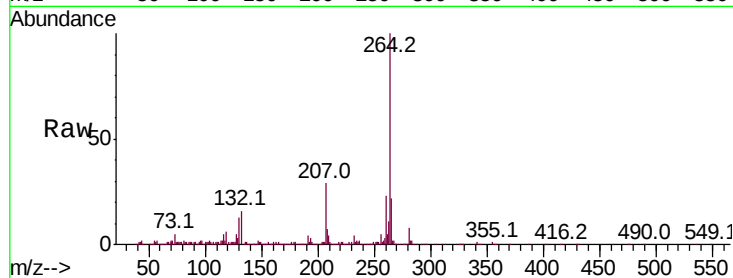


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

Tot Ion:264 Resp: 974610

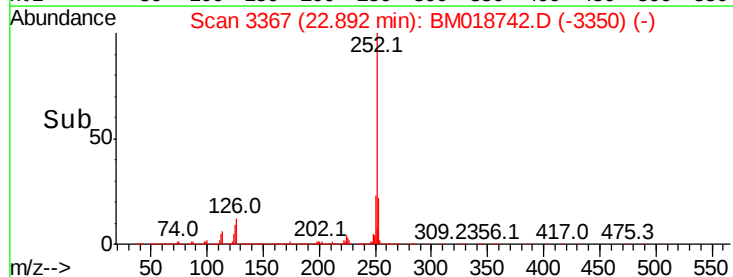
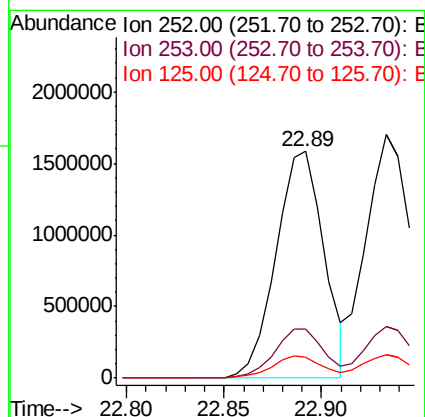
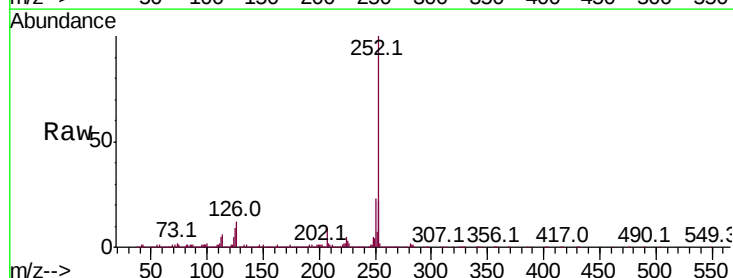
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.9	16.8	25.2

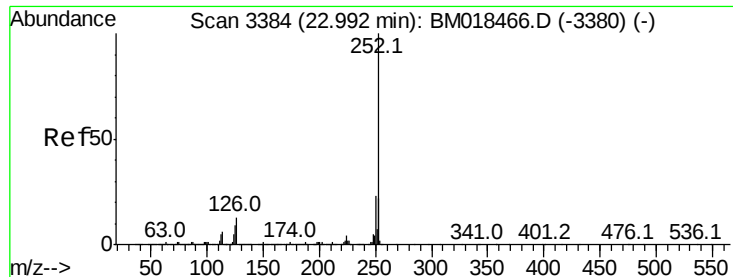


#88
Benzo(b)fluoranthene
Concen: 48.795 ng
RT: 22.89 min Scan# 3367
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion:252 Resp: 2699857

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.3	8.5	12.7

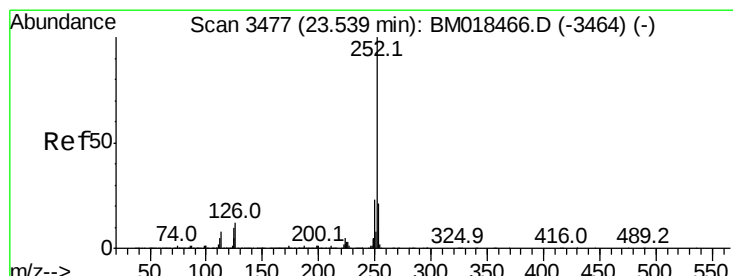
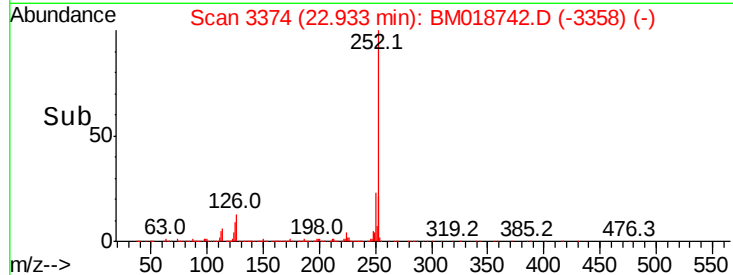
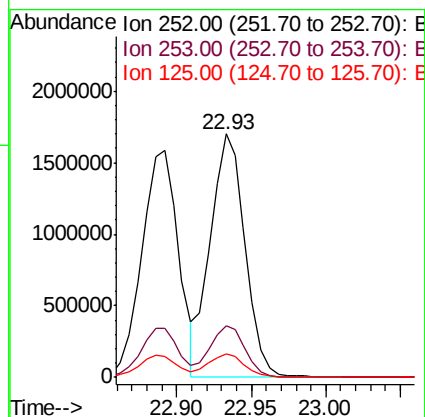
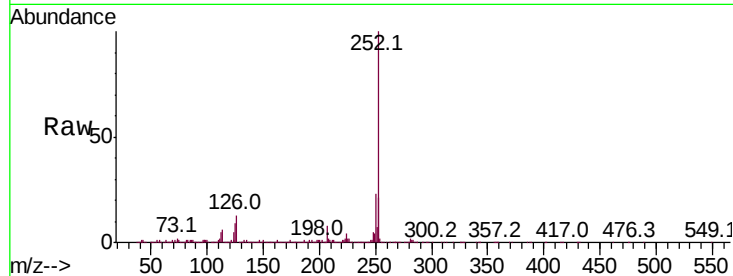




#89
Benzo(k)fluoranthene
Concen: 49.103 ng
RT: 22.93 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

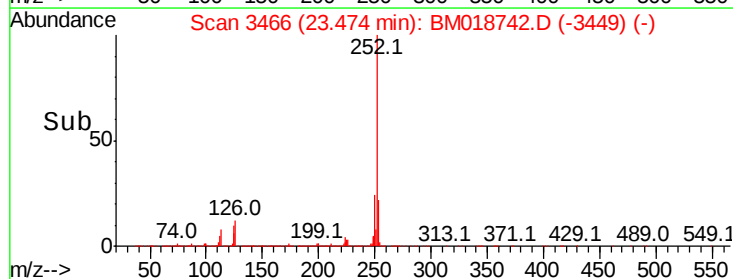
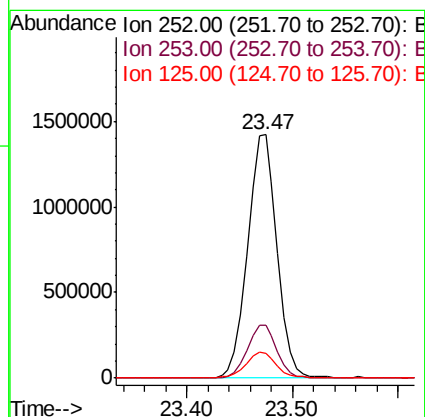
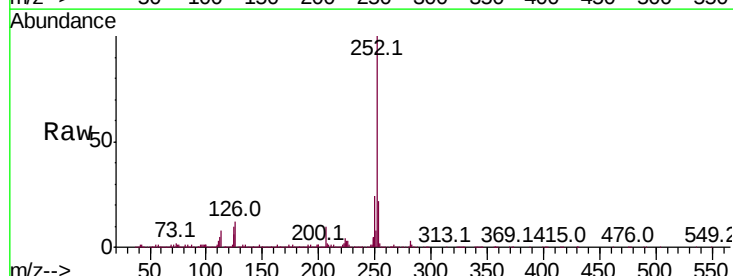
Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)MSD

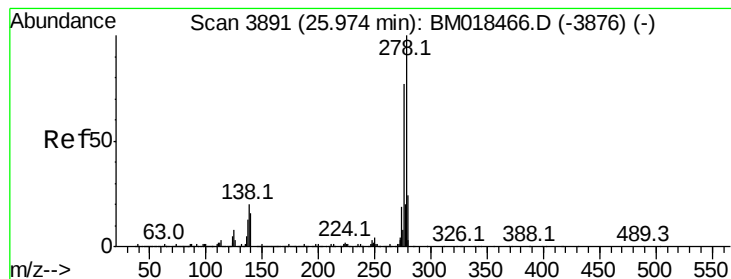
Tot Ion:252 Resp: 2738053
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 9.5 8.6 12.8



#90
Benzo(a)pyrene
Concen: 51.631 ng
RT: 23.47 min Scan# 3466
Delta R.T. 0.00 min
Lab File: BM018742.D
Acq: 07 Feb 2019 17:53

Tgt Ion:252 Resp: 2734936
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.2 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 53.139 ng

RT: 25.88 min Scan# 3875

Delta R.T. 0.00 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

Instrument :

BNA_M

ClientSampleId :

SB-01(12-13)MSD

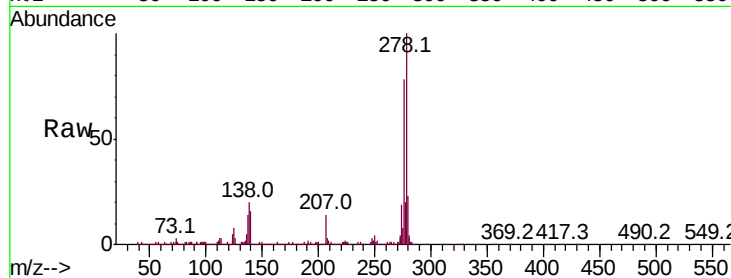
Tot Ion:278 Resp: 2852112

Ion Ratio Lower Upper

278 100

139 16.0 13.2 19.8

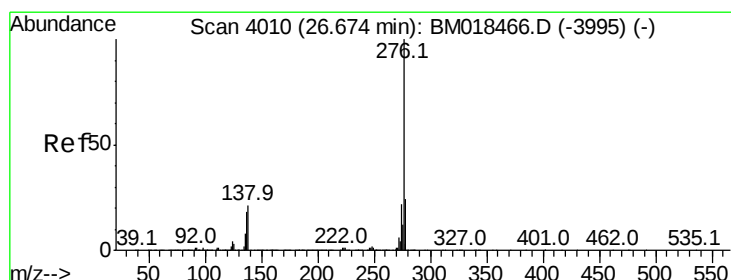
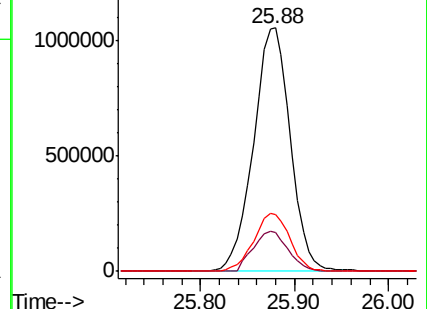
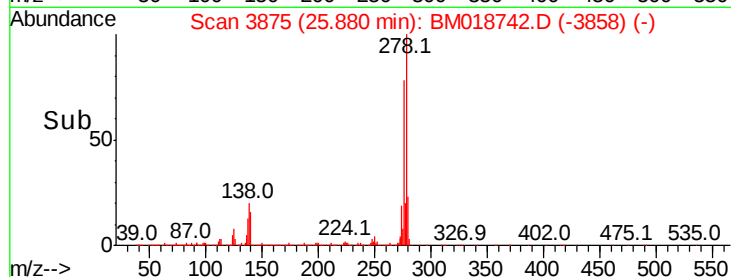
279 23.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 54.864 ng

RT: 26.57 min Scan# 3992

Delta R.T. -0.01 min

Lab File: BM018742.D

Acq: 07 Feb 2019 17:53

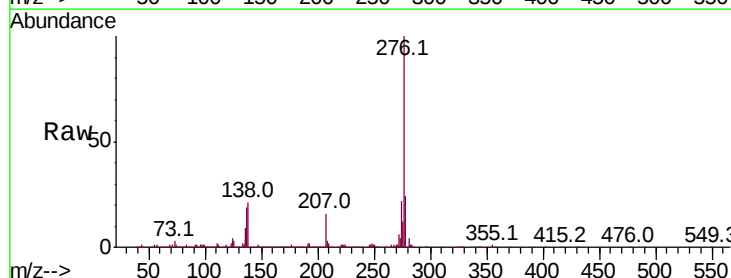
Tgt Ion:276 Resp: 2865577

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 21.0 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

