

Data File : BM016729.D
Acq On : 11 Sep 2018 19:07
Operator : SJ/JU
Sample : MDL-S-04
Misc : 4ppm/1ppm
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-04

Quant Time: Sep 12 01:10:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 10 15:28:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	213115	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	888359	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	478492	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1029088	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1125436	20.00	ng/ul	-0.01
86) Perylene-d12	23.55	264	1159357	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	33780	6.78	ng/uL	0.00
5) Phenol-d5	6.90	99	490472	27.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	311961	28.02	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	402850	27.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	382641	27.51	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	177291	30.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	160940	30.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	361164	26.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	495465	30.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1079614	28.10	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	1402334	28.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	158135	25.08	ng/ul	-0.01
58) Fluorene-d10	15.37	176	945062	28.18	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.49	200	95113	22.51	ng/ul	0.00
71) Anthracene-d10	17.22	188	1422634	28.65	ng/ul	0.00
79) Pyrene-d10	19.52	212	1539773	28.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1729496	28.60	ng/ul	-0.01

Target Compounds				Qvalue	
2) 1,4-Dioxane	3.31	88	8536	1.646 ng/uL#	75
4) Benzaldehyde	6.89	77	48032	4.748 ng/ul	89
6) Phenol	6.93	94	71109	3.963 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.17	93	55528	4.019 ng/ul	92
10) 2-Chlorophenol	7.30	128	58285	3.956 ng/ul	94
11) 2-Methylphenol	8.17	108	50954	3.789 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.27	45	87463	4.004 ng/ul	98
14) Acetophenone	8.55	105	86939	4.033 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.54	70	40703	3.773 ng/ul#	88
16) 4-Methylphenol	8.49	108	55017	3.870 ng/ul	93
17) Hexachloroethane	8.81	117	22451	3.879 ng/ul	92
20) Nitrobenzene	8.93	77	63641	4.310 ng/ul	95
21) Isophorone	9.45	82	106664	3.635 ng/ul	95
23) 2-Nitrophenol	9.63	139	25632	4.184 ng/ul	94
24) 2,4-Dimethylphenol	9.70	107	60450	3.824 ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.94	93	74579	4.112 ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	53125	4.100 ng/ul	100
28) Naphthalene	10.57	128	190251	4.165 ng/ul	99
30) 4-Chloroaniline	10.67	127	52507	3.223 ng/ul	97
31) Hexachlorobutadiene	10.85	225	36446	4.167 ng/ul	99
32) Caprolactam	11.45	113	10925	2.666 ng/ul	88
33) 4-Chloro-3-methylphenol	11.80	107	48924	3.603 ng/ul	99
34) 2-Methylnaphthalene	12.18	142	128373	3.989 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	128373	3.989	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	67298	4.095	ng/ul#	93
38) Hexachlorocyclopentadiene	12.53	237	36433	3.561	ng/ul#	96
39) 2,4,6-Trichlorophenol	12.79	196	30865	3.298	ng/ul	97
40) 2,4,5-Trichlorophenol	12.86	196	36622	3.586	ng/ul	94
41) 1,1'-Biphenyl	13.20	154	163943	4.119	ng/ul	96
42) 2-Chloronaphthalene	13.25	162	126866	4.072	ng/ul	99
43) 2-Nitroaniline	13.45	65	23294	3.394	ng/ul	96
45) Dimethylphthalate	13.84	163	153085	4.077	ng/ul#	98
46) 2,6-Dinitrotoluene	13.95	165	20272	3.515	ng/ul	92
48) Acenaphthylene	14.09	152	194742	4.146	ng/ul	99
49) 3-Nitroaniline	14.27	138	19458	3.103	ng/ul#	93
50) Acenaphthene	14.44	153	137432	4.121	ng/ul	98
51) 2,4-Dinitrophenol	14.48	184	7085	2.746	ng/ul#	84
53) 4-Nitrophenol	14.58	109	18774	3.864	ng/ul#	77
54) Dibenzofuran	14.77	168	188562	4.121	ng/ul	98
55) 2,4-Dinitrotoluene	14.73	165	30941	3.649	ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.00	232	27673	3.350	ng/ul#	85
57) Diethylphthalate	15.21	149	141482	3.803	ng/ul	98
59) Fluorene	15.43	166	155016	4.124	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	80223	4.209	ng/ul	94
61) 4-Nitroaniline	15.44	138	22297	2.894	ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.50	198	16005	3.379	ng/ul#	76
65) N-Nitrosodiphenylamine	15.64	169	127941	4.019	ng/ul	99
66) 4-Bromophenyl-phenylether	16.32	248	45985	3.950	ng/ul	98
67) Hexachlorobenzene	16.42	284	51824	4.136	ng/ul#	91
68) Atrazine	16.60	200	37291	3.315	ng/ul	97
69) Pentachlorophenol	16.77	266	17950	2.649	ng/ul	96
70) Phenanthrene	17.16	178	238779	4.177	ng/ul	99
72) Anthracene	17.26	178	243196	4.144	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	71496	4.198	ng/uL	97
74) Pentachlorobenzene	14.69	250	66224	4.310	ng/uL	99
75) Carbazole	17.52	167	197383	3.826	ng/ul	98
76) Di-n-butylphthalate	18.11	149	195065	3.250	ng/ul	99
77) Fluoranthene	19.18	202	258532	3.945	ng/ul#	89
80) Pyrene	19.54	202	283144	4.097	ng/ul#	89
81) Butylbenzylphthalate	20.46	149	75724	2.963	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.23	252	64707	2.902	ng/ul#	99
83) Benzo(a)anthracene	21.29	228	275647	3.956	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	113452	2.825	ng/ul	93
85) Chrysene	21.34	228	267441	4.116	ng/ul	99
87) Di-n-octyl phthalate	22.14	149	180795	2.596	ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	276255	3.981	ng/ul#	97
89) Benzo(k)fluoranthene	22.93	252	263325	3.952	ng/ul#	97
91) Benzo(a)pyrene	23.46	252	267946	4.051	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.80	276	304513	3.859	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.82	278	255618	3.873	ng/ul#	96
94) Benzo(g,h,i)perylene	26.49	276	255612	3.907	ng/ul#	91

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Quantitation Report (Not Reviewed)

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

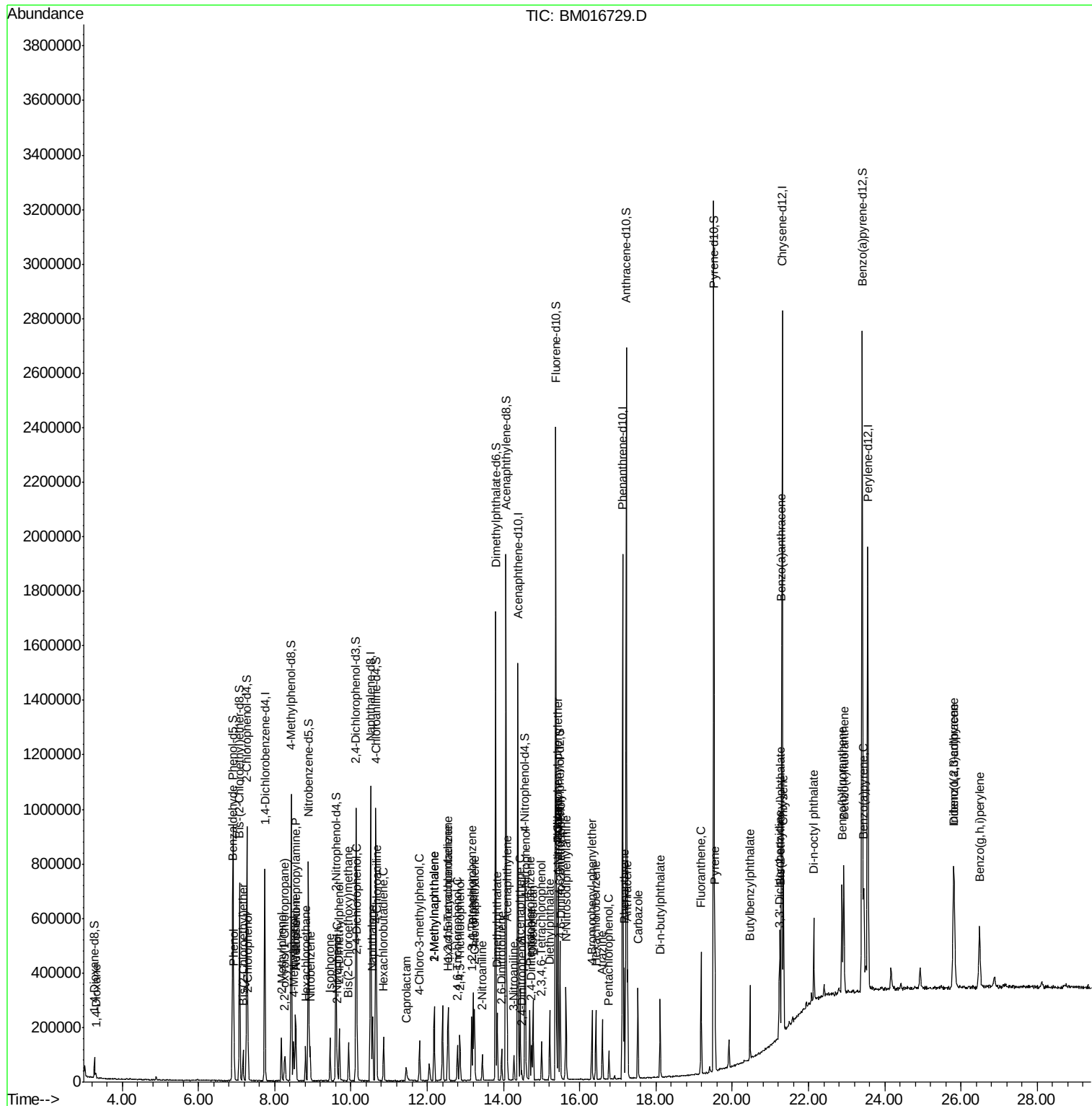
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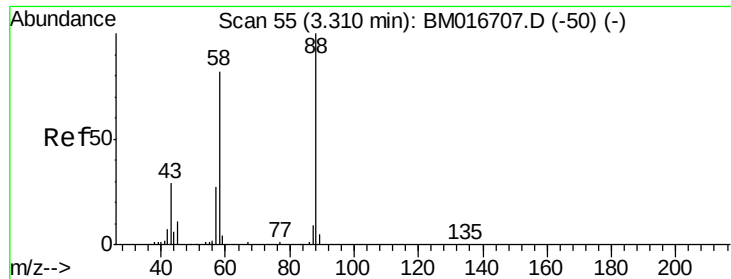
Data File : BM016729.D

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ALS Vial    : 16 Sample Multip
```

Instrument :
BNA_M
ClientSampleId :
MDL-S-04

Quant Time: Sep 12 01:10:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
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#2

1,4-Dioxane

Concen: 1.646 ng/uL

RT: 3.31 min Scan# 55

Delta R.T. 0.00 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

Instrument :

BNA_M

ClientSampleId :

MDL-S-04

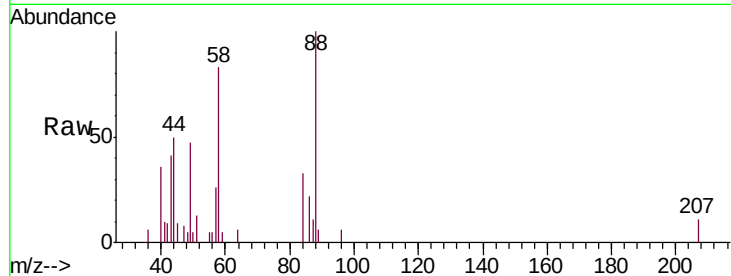
Tgt Ion: 88 Resp: 8536

Ion Ratio Lower Upper

88 100

43 41.5 29.0 43.4

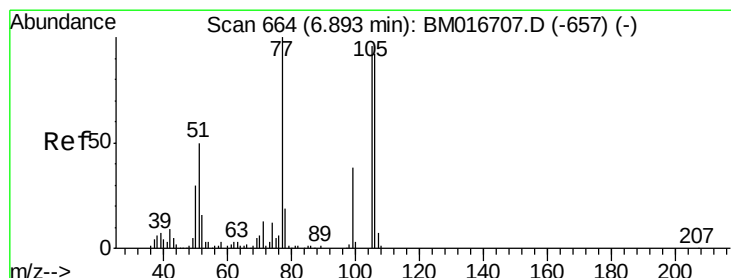
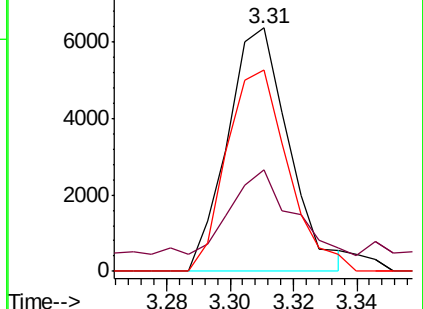
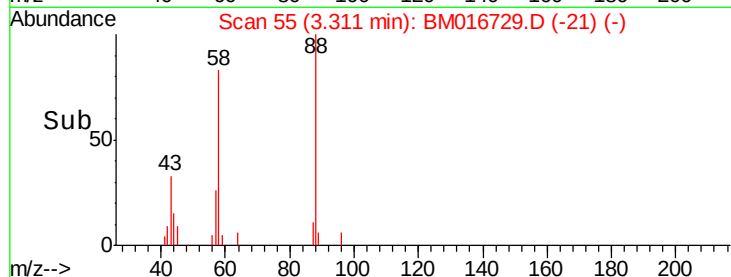
58 82.8 45.9 68.9#



Abundance Ion 88.00 (87.70 to 88.70): BM016707.D (-50) (-)

Ion 43.00 (42.70 to 43.70): BM016707.D (-50) (-)

Ion 58.00 (57.70 to 58.70): BM016707.D (-50) (-)



#4

Benzaldehyde

Concen: 4.748 ng/uL

RT: 6.89 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

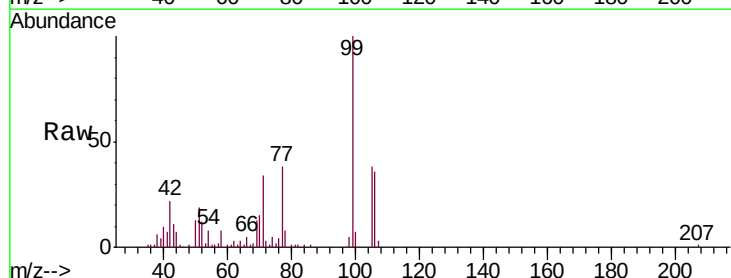
Tgt Ion: 77 Resp: 48032

Ion Ratio Lower Upper

77 100

105 101.5 71.0 106.6

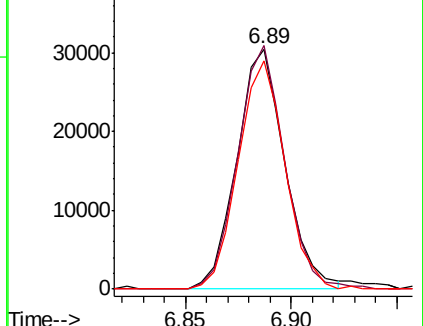
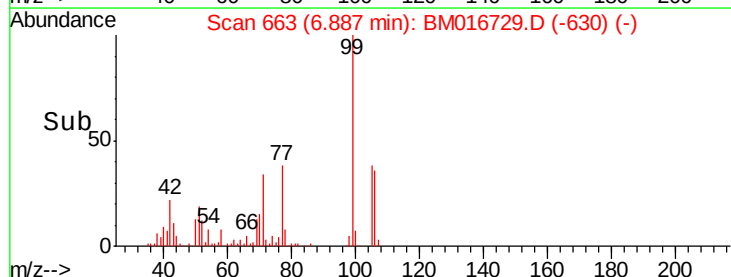
106 95.2 69.5 104.3

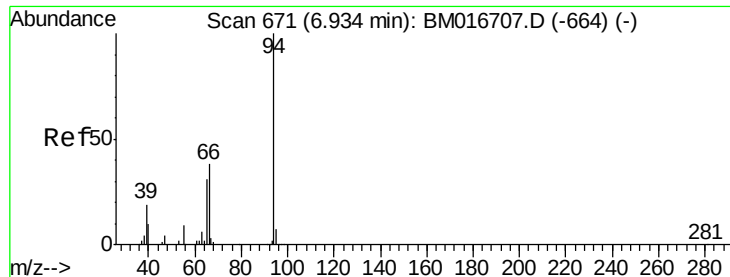


Abundance Ion 77.00 (76.70 to 77.70): BM016707.D (-657) (-)

Ion 105.00 (104.70 to 105.70): BM016707.D (-657) (-)

Ion 106.00 (105.70 to 106.70): BM016707.D (-657) (-)





#6

Phenol

Concen: 3.963 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

Instrument :

BNA_M

ClientSampleId :

MDL-S-04

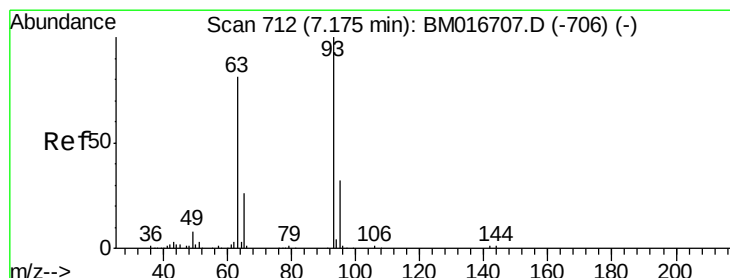
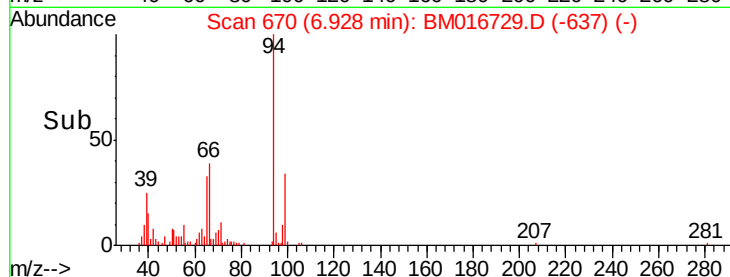
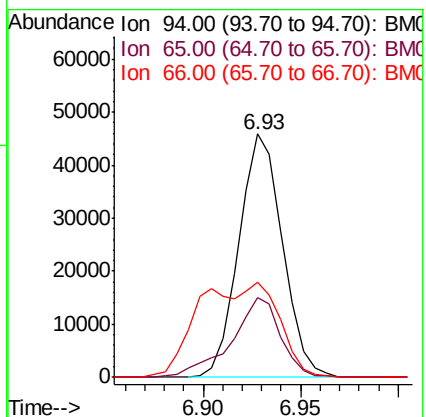
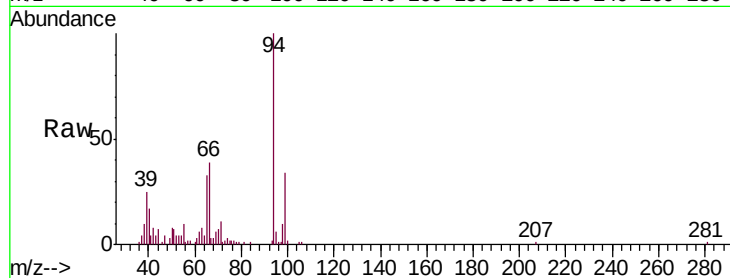
Tgt Ion: 94 Resp: 71109

Ion Ratio Lower Upper

94 100

65 32.9 23.0 34.6

66 39.0 30.4 45.6



#8

Bis(2-Chloroethyl)ether

Concen: 4.019 ng/ul

RT: 7.17 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

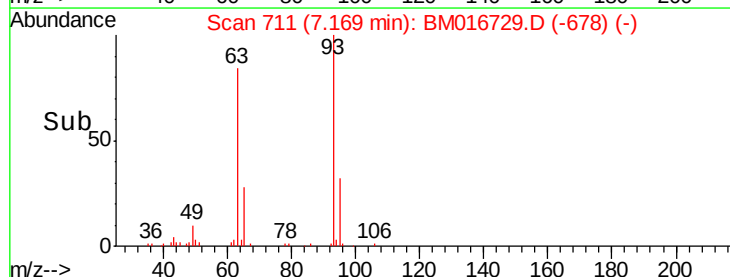
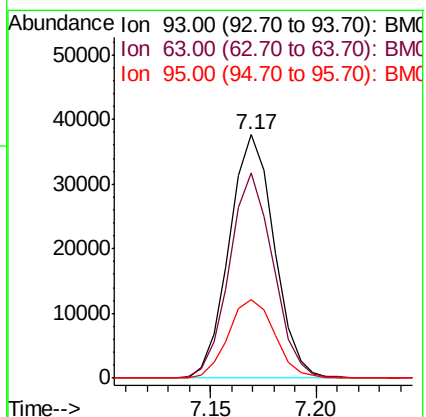
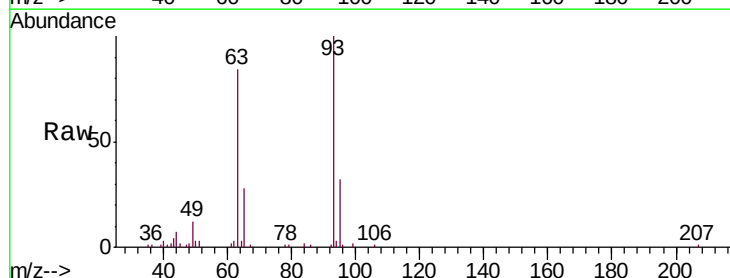
Tgt Ion: 93 Resp: 55528

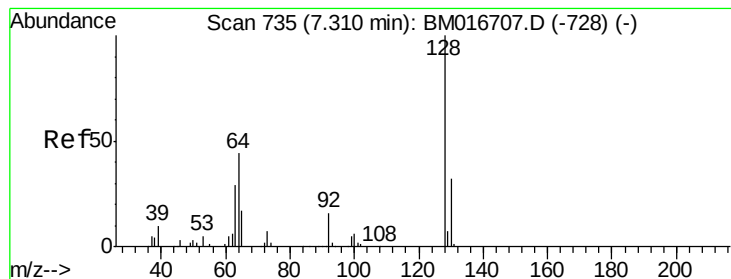
Ion Ratio Lower Upper

93 100

63 84.0 59.4 89.2

95 32.4 26.4 39.6





#10

2-Chlorophenol

Concen: 3.956 ng/ul

RT: 7.30 min Scan# 734

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

Instrument :

BNA_M

ClientSampleId :

MDL-S-04

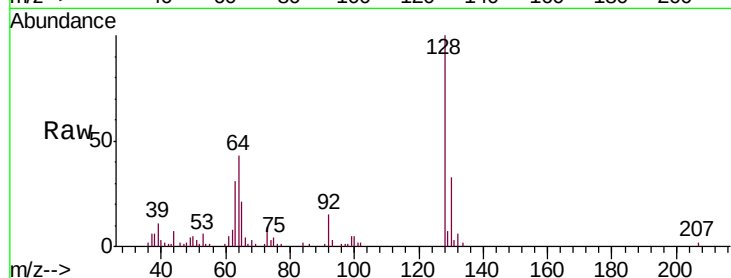
Tgt Ion:128 Resp: 58285

Ion Ratio Lower Upper

128 100

64 43.0 39.8 59.6

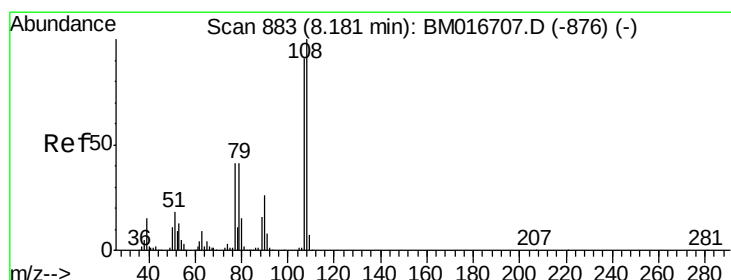
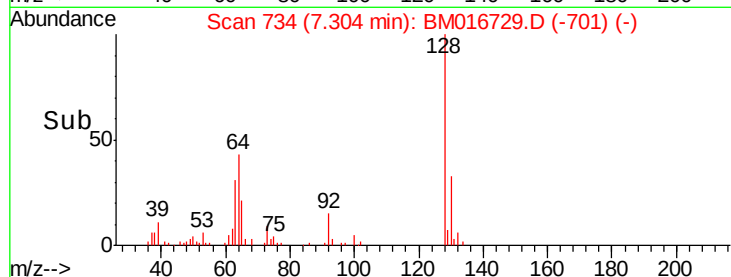
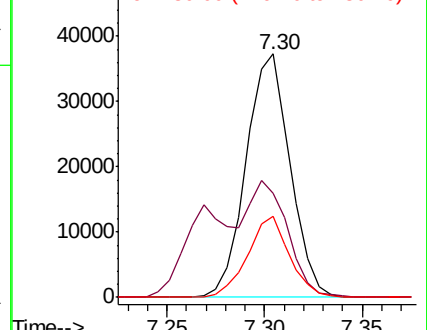
130 33.1 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 3.789 ng/ul

RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM016729.D

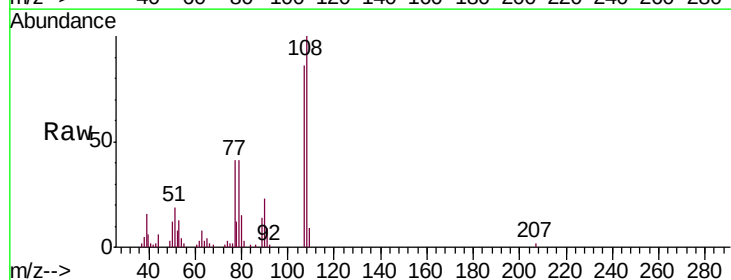
Acq: 11 Sep 2018 19:07

Tgt Ion:108 Resp: 50954

Ion Ratio Lower Upper

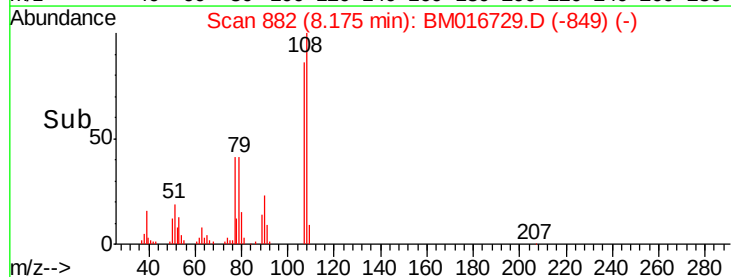
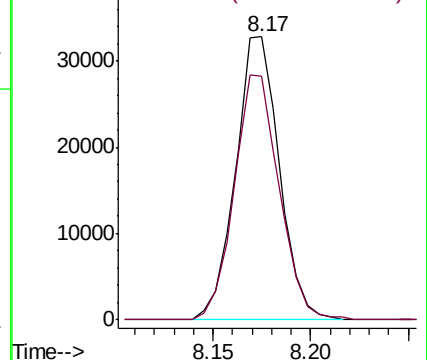
108 100

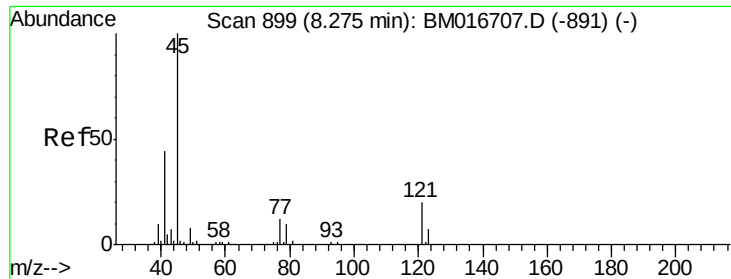
107 86.0 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

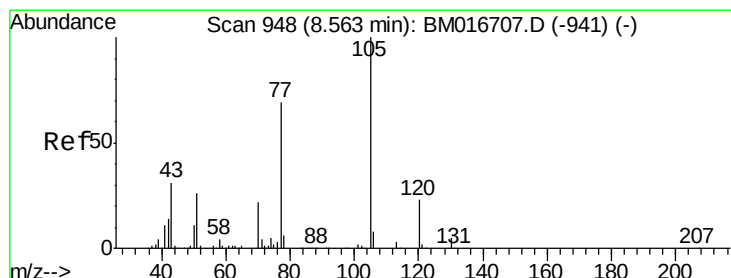
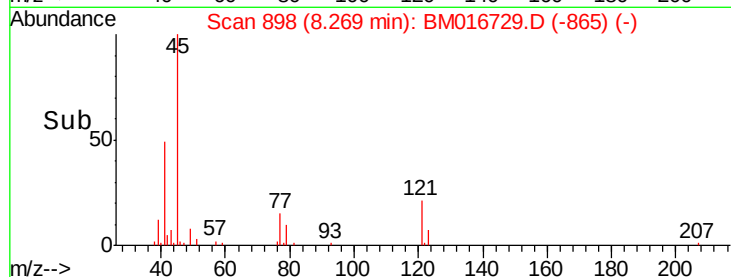
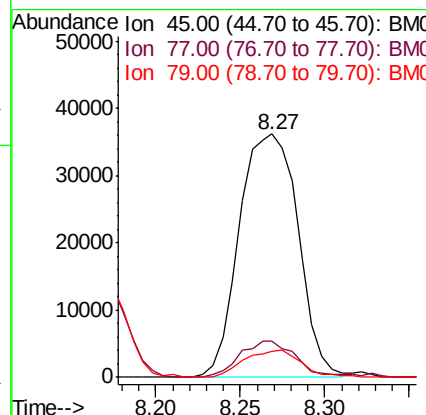
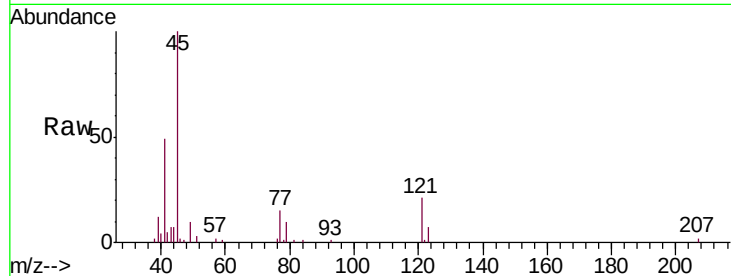




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 4.004 ng/ul
 RT: 8.27 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

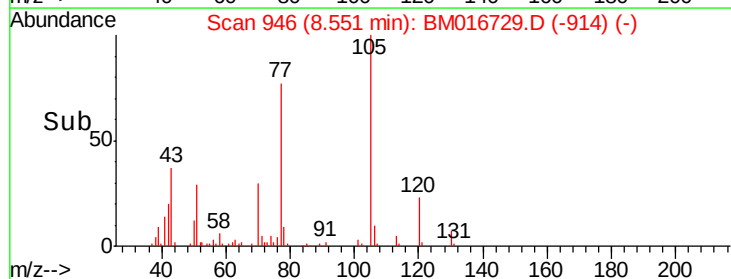
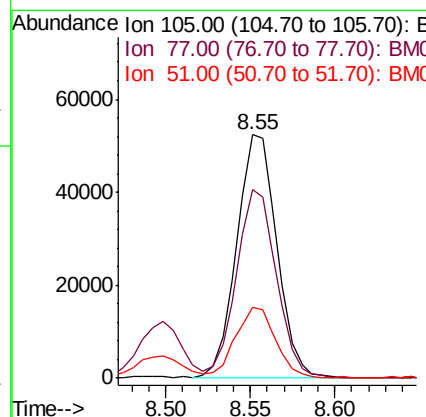
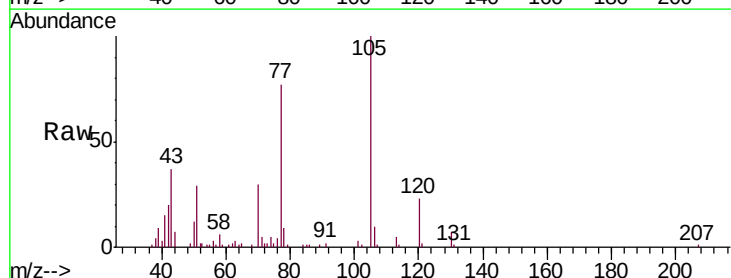
Instrument :
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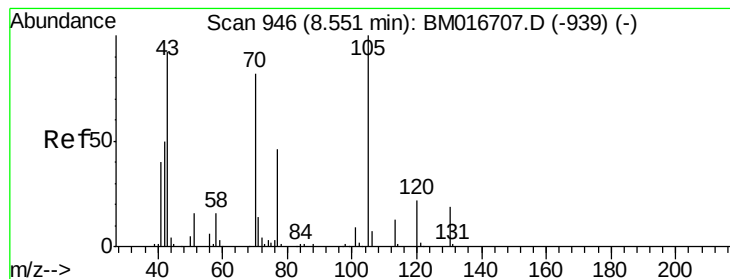
Tgt Ion: 45 Resp: 87463
 Ion Ratio Lower Upper
 45 100
 77 15.1 12.5 18.7
 79 10.5 9.4 14.2



#14
 Acetophenone
 Concen: 4.033 ng/ul
 RT: 8.55 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

Tgt Ion: 105 Resp: 86939
 Ion Ratio Lower Upper
 105 100
 77 77.3 63.2 94.8
 51 29.2 19.8 29.8





#15

N-Nitroso-di-n-propylamine

Concen: 3.773 ng/ul

RT: 8.54 min Scan# 944

Delta R.T. -0.01 min

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BNA_M

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Tgt Ion: 70 Resp: 40703

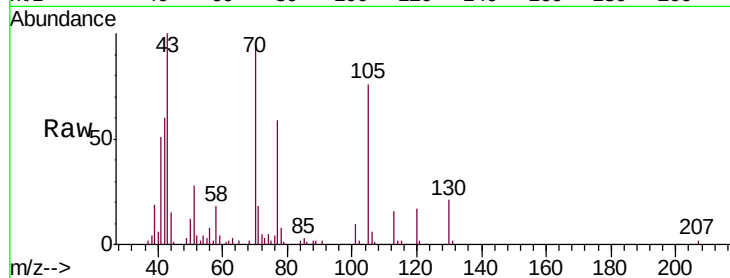
Ion Ratio Lower Upper

70 100

42 63.4 40.2 60.4#

101 11.1 7.7 11.5

130 21.8 17.8 26.6

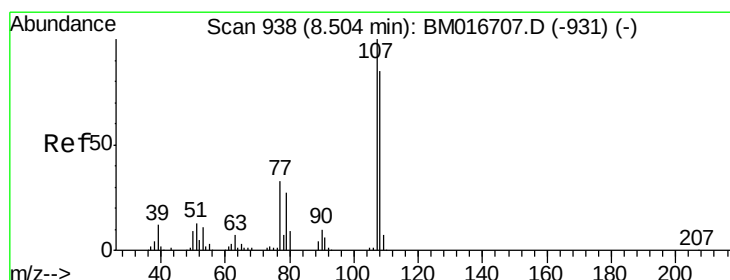
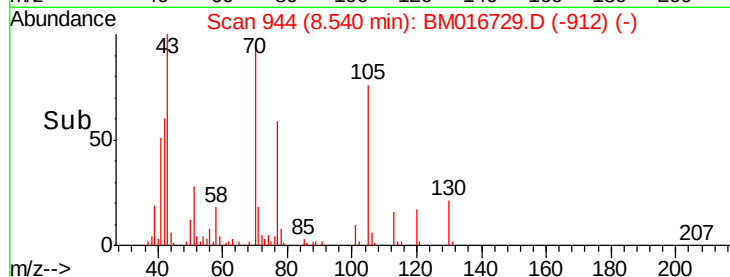
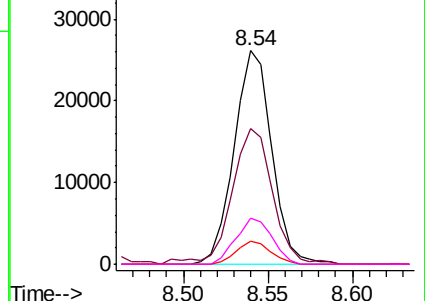


Abundance Ion 70.00 (69.70 to 70.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 3.870 ng/ul

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM016729.D

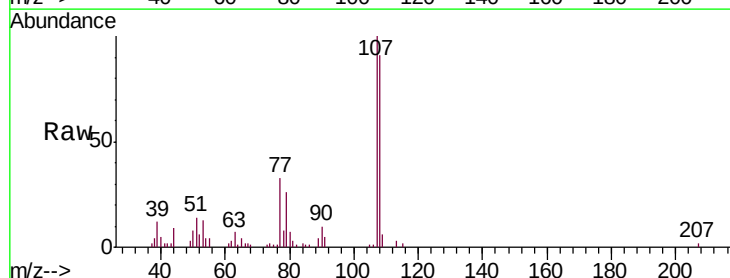
Acq: 11 Sep 2018 19:07

Tgt Ion: 108 Resp: 55017

Ion Ratio Lower Upper

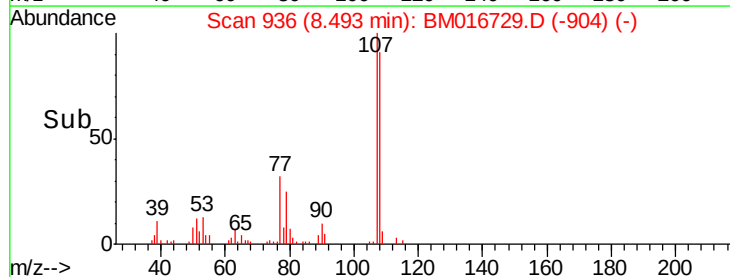
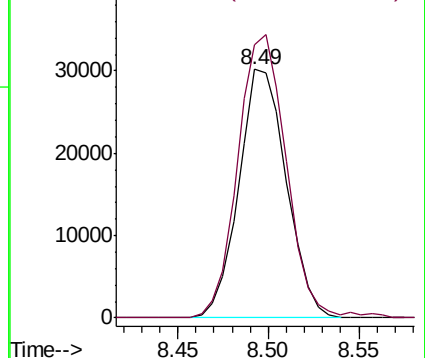
108 100

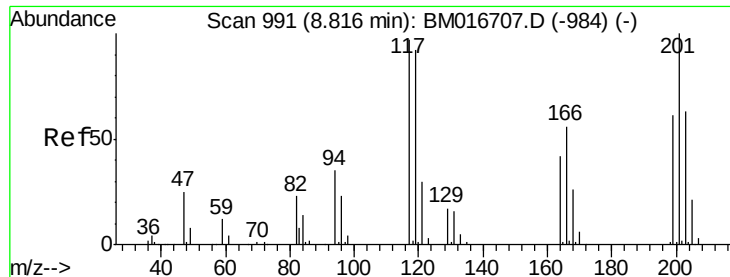
107 109.8 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 3.879 ng/ul

RT: 8.81 min Scan# 990

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

Instrument :

BNA_M

ClientSampleId :

MDL-S-04

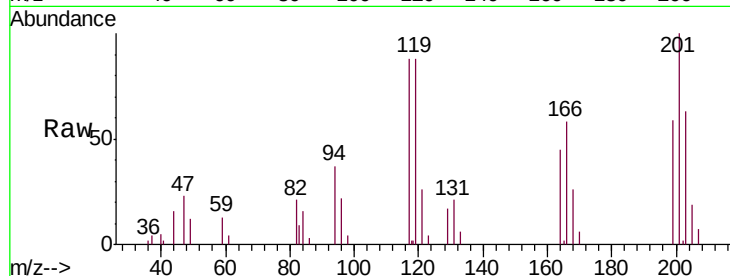
Tgt Ion:117 Resp: 22451

Ion Ratio Lower Upper

117 100

201 113.0 96.1 144.1

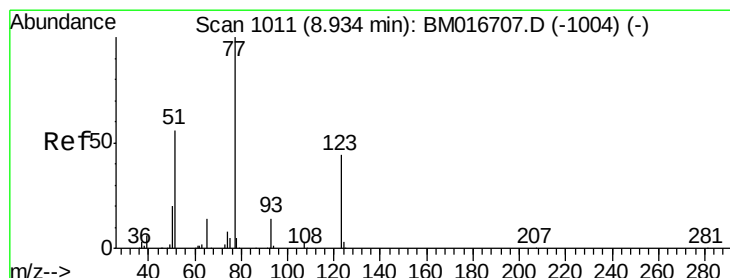
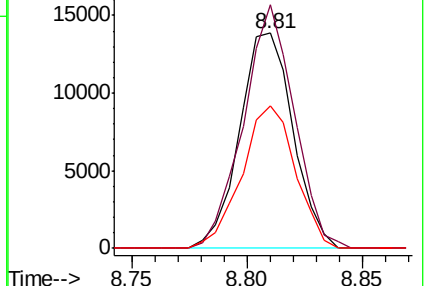
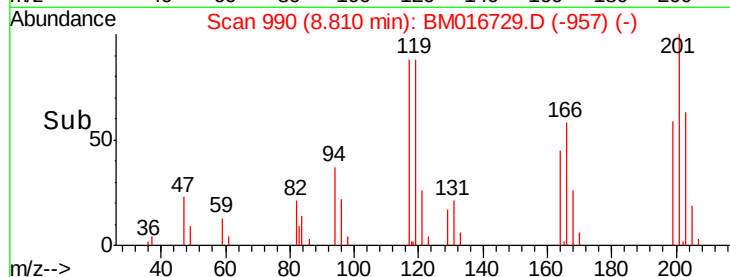
199 66.4 59.7 89.5



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 4.310 ng/ul

RT: 8.93 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

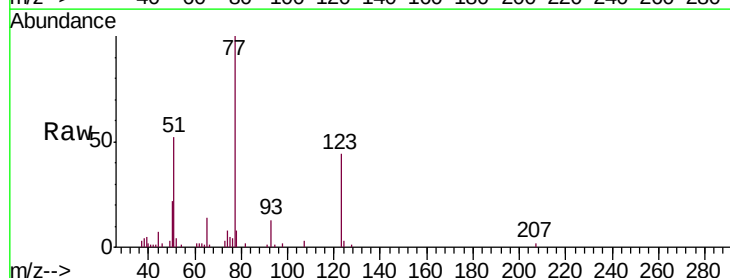
Tgt Ion: 77 Resp: 63641

Ion Ratio Lower Upper

77 100

123 43.9 31.8 47.8

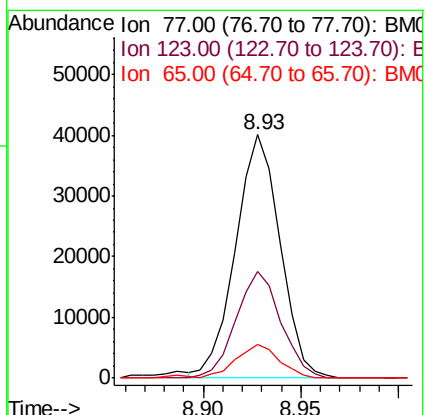
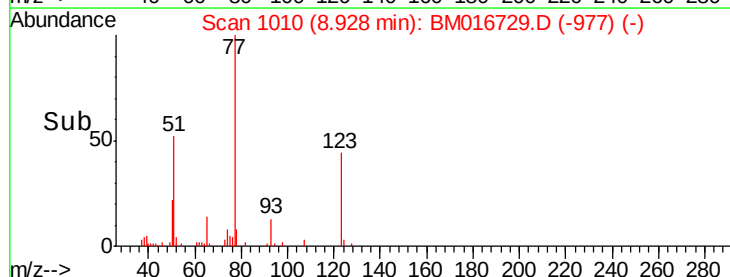
65 13.8 10.6 16.0

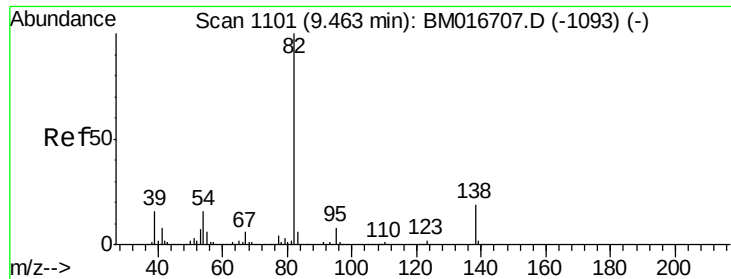


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 3.635 ng/ul

RT: 9.45 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

Instrument :

BNA_M

ClientSampleId :

MDL-S-04

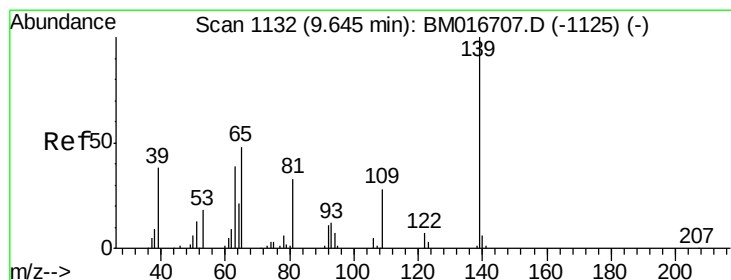
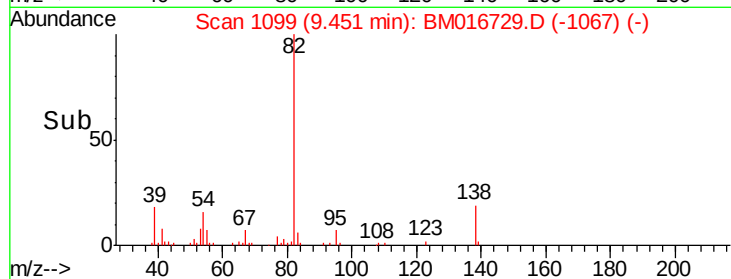
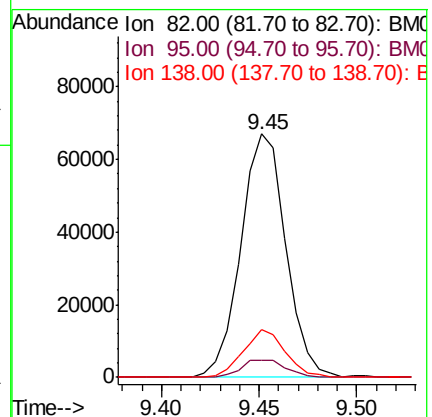
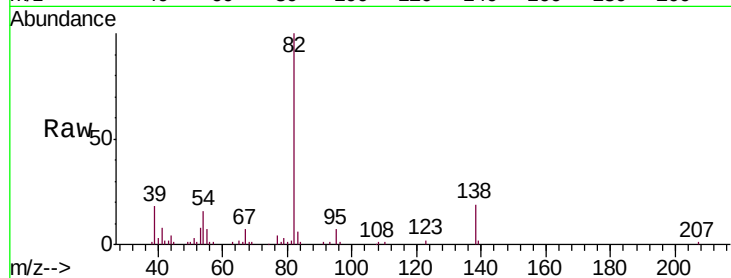
Tgt Ion: 82 Resp: 106664

Ion Ratio Lower Upper

82 100

95 6.8 6.1 9.1

138 19.4 13.5 20.3



#23

2-Nitrophenol

Concen: 4.184 ng/ul

RT: 9.63 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

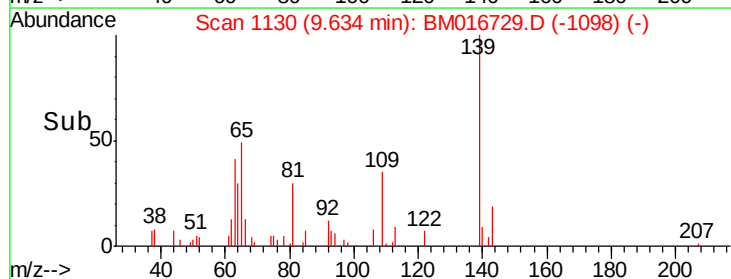
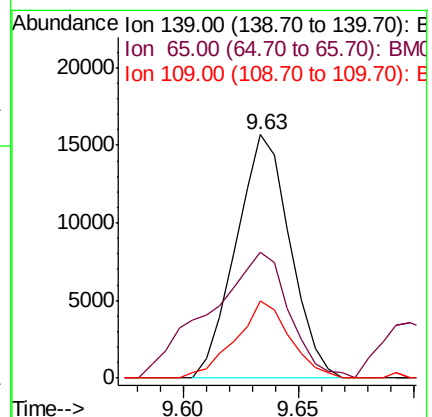
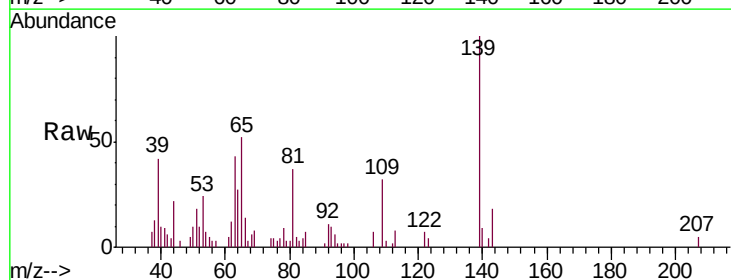
Tgt Ion: 139 Resp: 25632

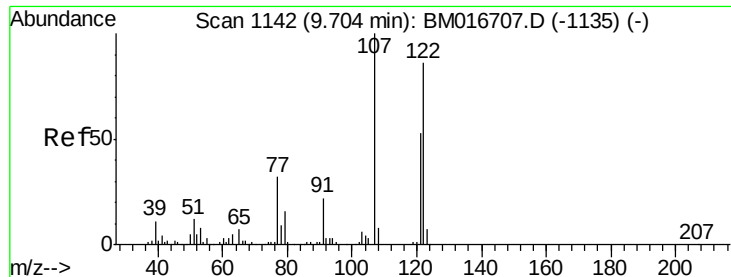
Ion Ratio Lower Upper

139 100

65 51.8 45.3 67.9

109 31.8 27.7 41.5





#24

2,4-Dimethylphenol

Concen: 3.824 ng/ul

RT: 9.70 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

Instrument :

BNA_M

ClientSampled :

MDL-S-04

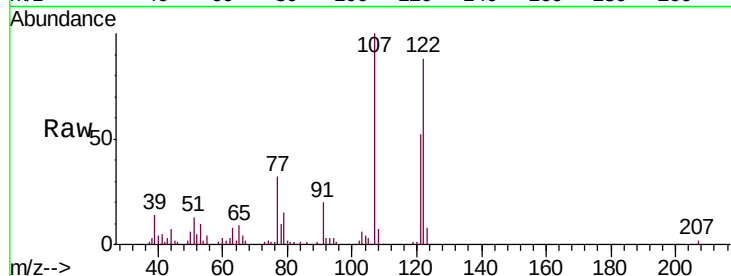
Tgt Ion: 107 Resp: 60450

Ion Ratio Lower Upper

107 100

121 52.5 38.1 57.1

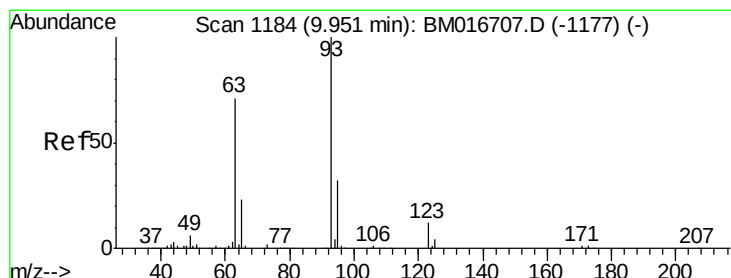
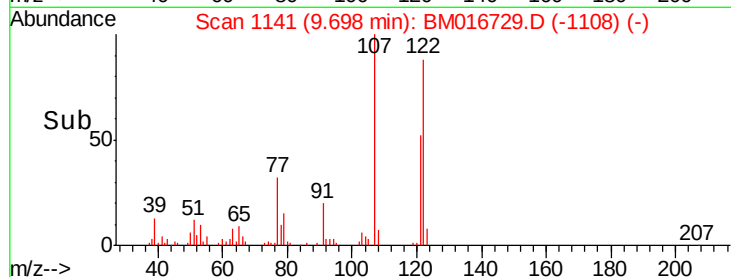
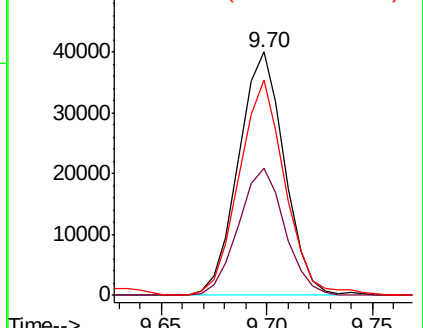
122 88.5 63.8 95.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 4.112 ng/ul

RT: 9.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

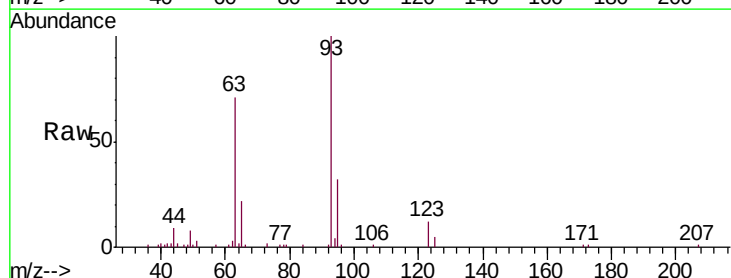
Tgt Ion: 93 Resp: 74579

Ion Ratio Lower Upper

93 100

95 31.7 24.7 37.1

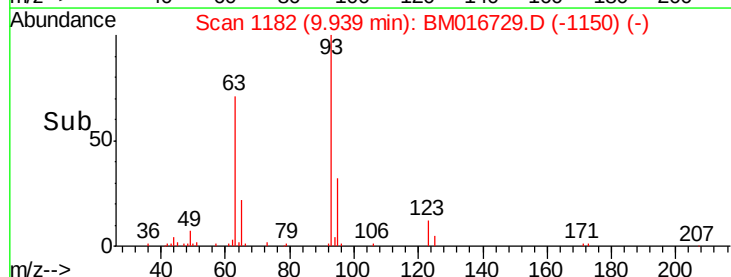
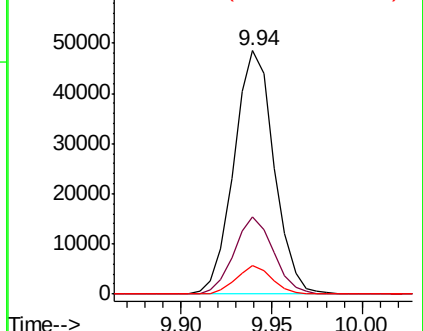
123 11.6 8.2 12.2

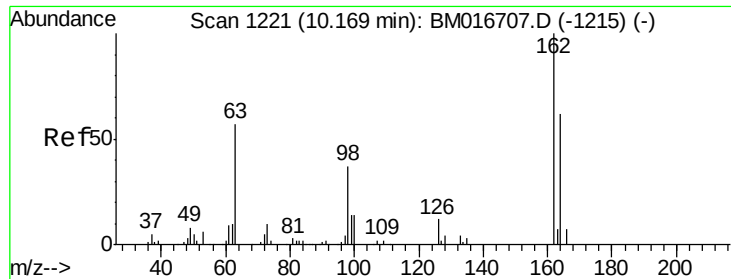


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

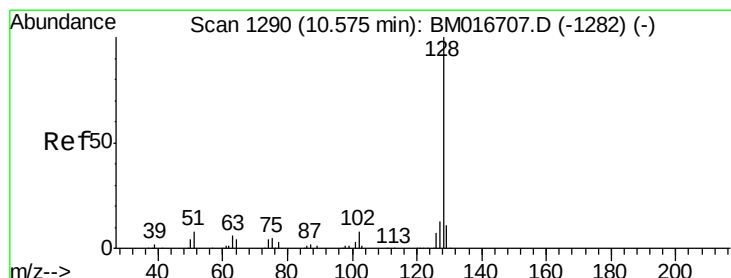
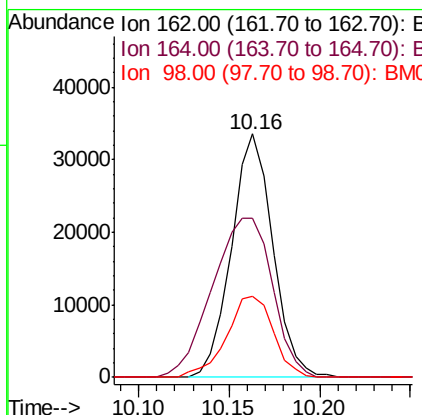
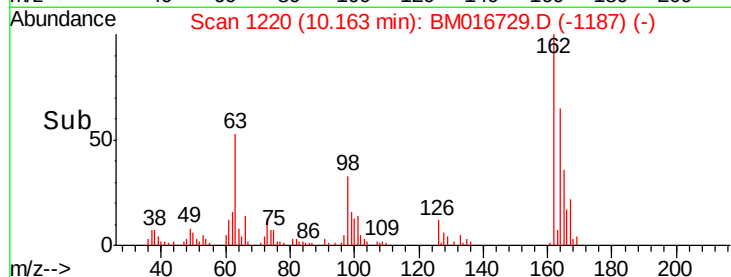
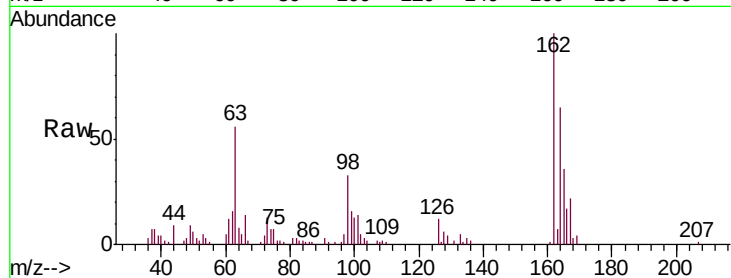




#27
 2,4-Dichlorophenol
 Concen: 4.100 ng/ul
 RT: 10.16 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

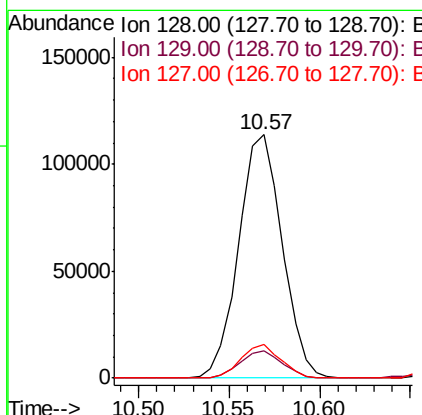
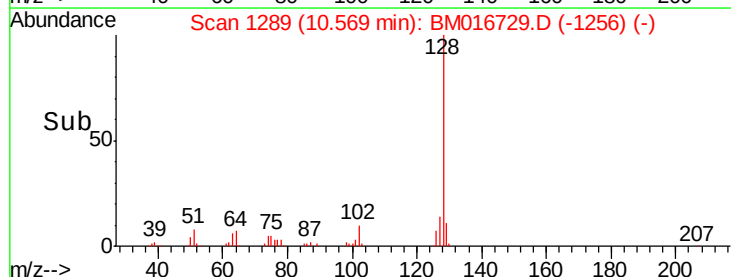
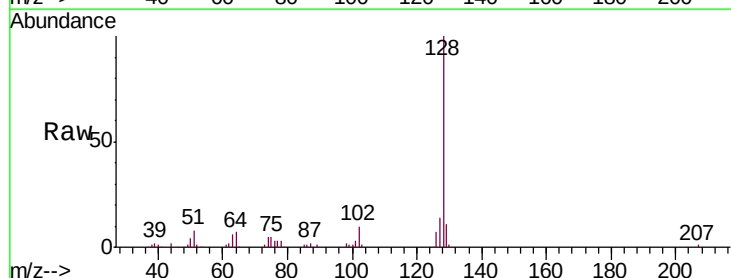
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-04

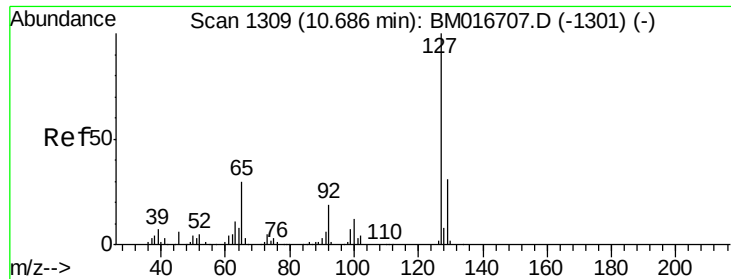
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	52.0	78.0
98	33.4	26.6	39.8



#28
 Naphthalene
 Concen: 4.165 ng/ul
 RT: 10.57 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.3	12.5
127	13.9	10.8	16.2

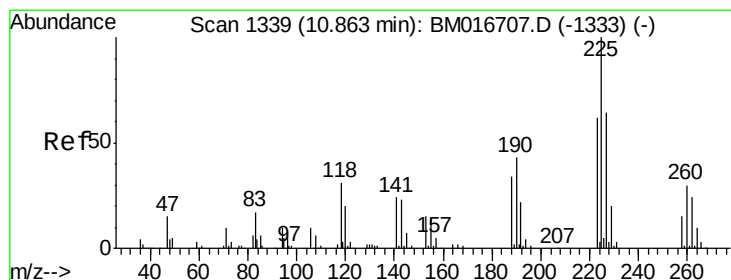
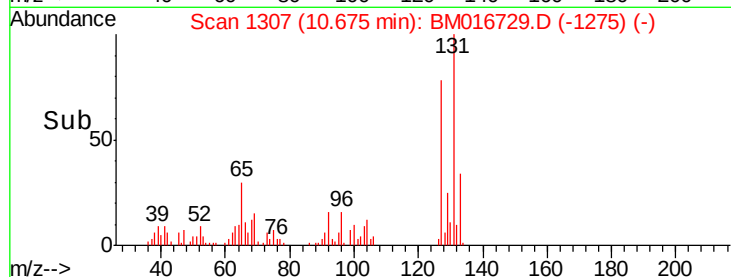
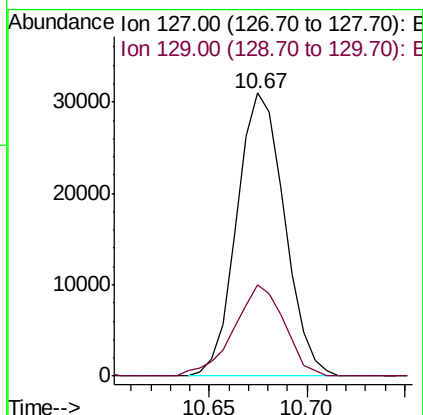
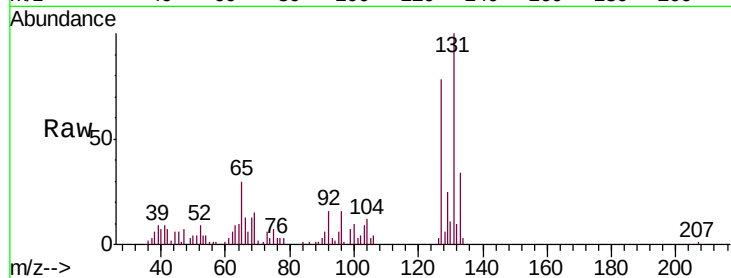




#30
4-Chloroaniline
Concen: 3.223 ng/ul
RT: 10.67 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM016729.D
Acq: 11 Sep 2018 19:07

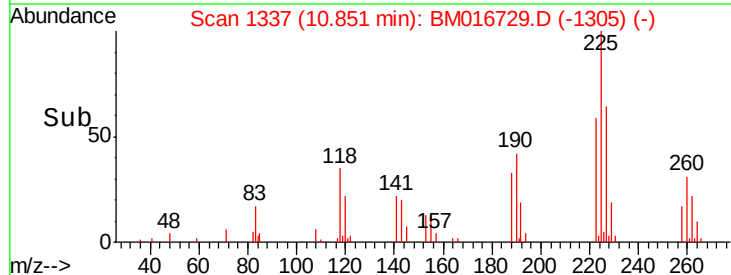
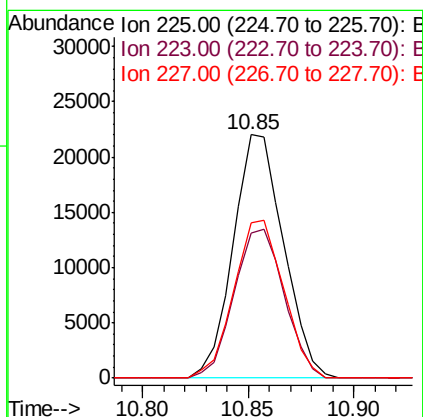
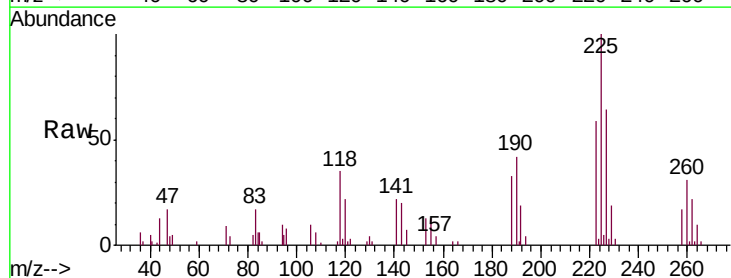
Instrument :
BNA_M
ClientSampleId :
MDL-S-04

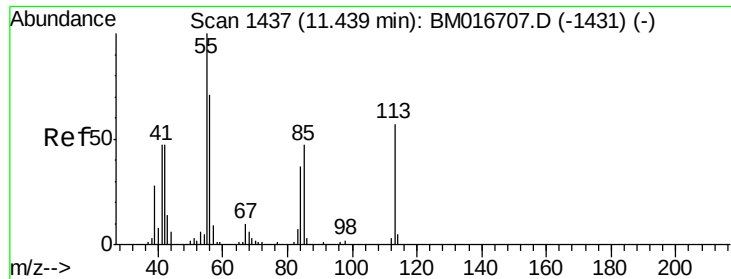
Tgt Ion:127 Resp: 52507
Ion Ratio Lower Upper
127 100
129 32.3 24.6 37.0



#31
Hexachlorobutadiene
Concen: 4.167 ng/ul
RT: 10.85 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BM016729.D
Acq: 11 Sep 2018 19:07

Tgt Ion:225 Resp: 36446
Ion Ratio Lower Upper
225 100
223 59.4 48.1 72.1
227 63.8 52.1 78.1





#32

Caprolactam

Concen: 2.666 ng/ul

RT: 11.45 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

Instrument :

BNA_M

ClientSampleId :

MDL-S-04

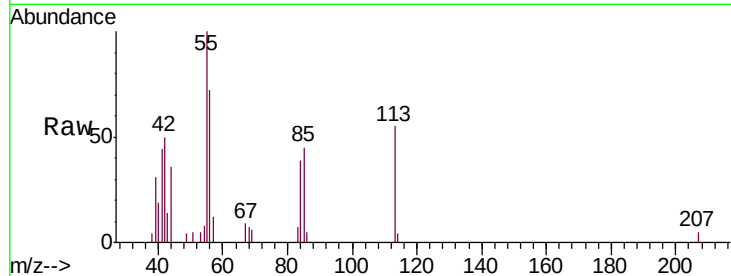
Tgt Ion:113 Resp: 10925

Ion Ratio Lower Upper

113 100

55 180.8 131.7 197.5

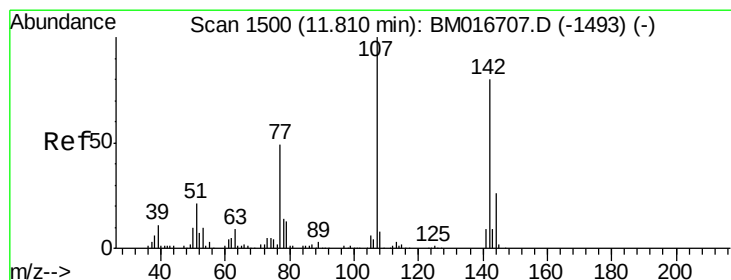
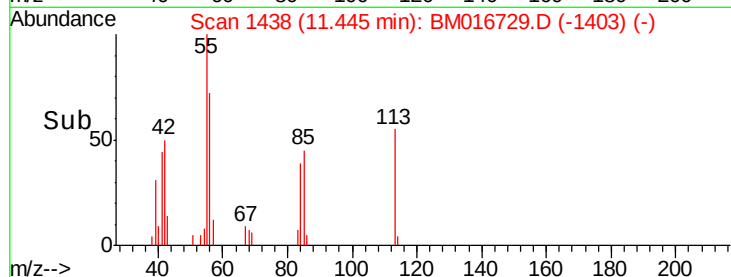
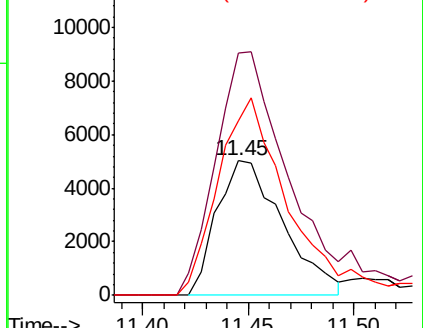
56 129.5 92.7 139.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 3.603 ng/ul

RT: 11.80 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

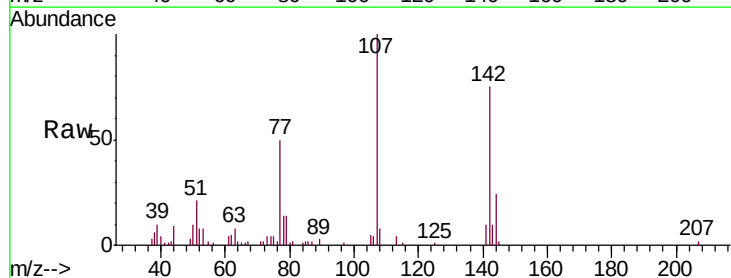
Tgt Ion:107 Resp: 48924

Ion Ratio Lower Upper

107 100

144 23.7 21.1 31.7

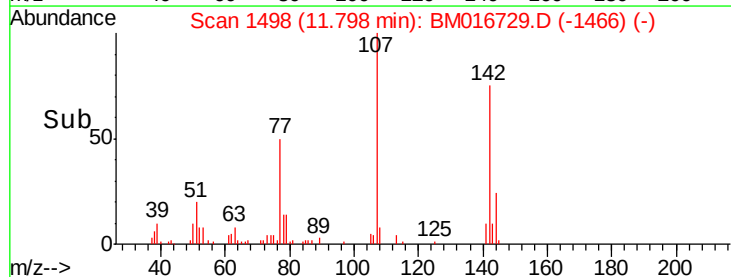
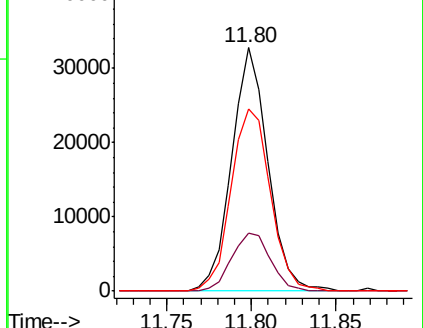
142 75.1 60.1 90.1

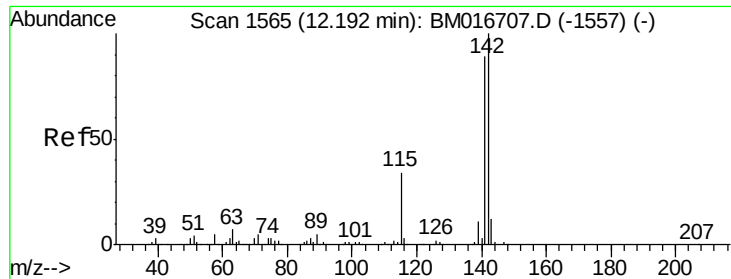


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

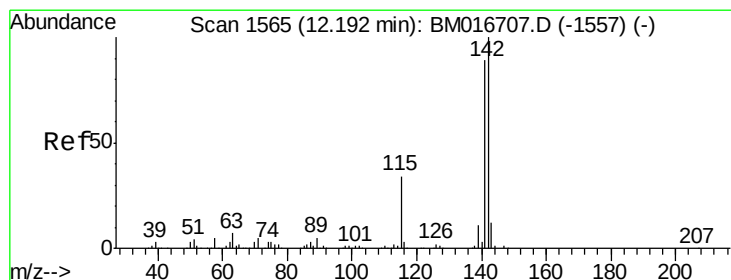
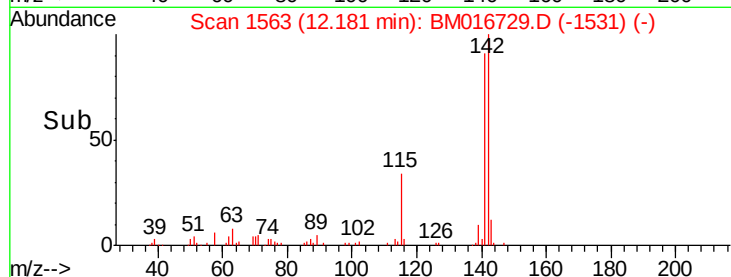
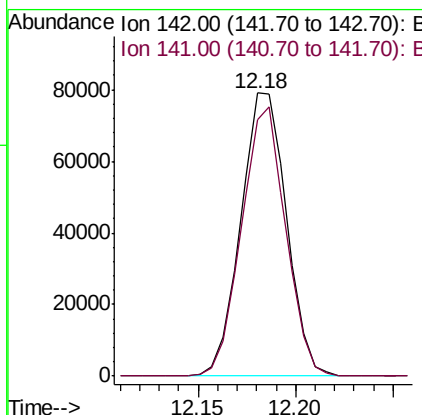
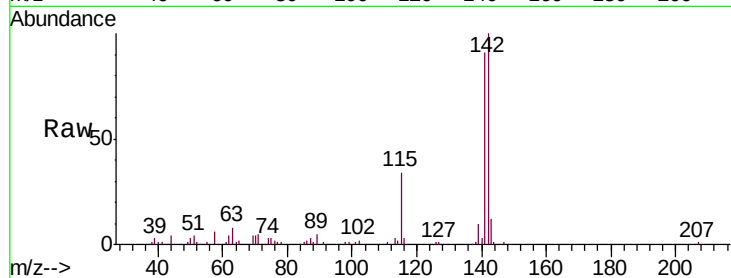




#34
 2-Methylnaphthalene
 Concen: 3.989 ng/ul
 RT: 12.18 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

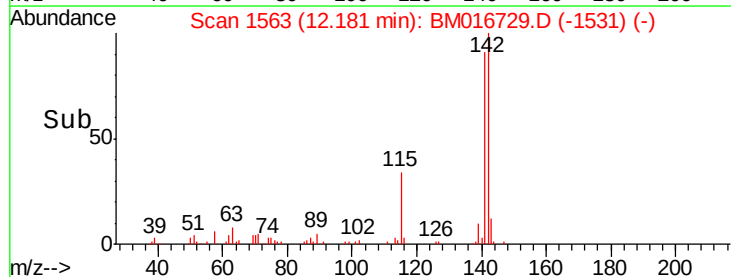
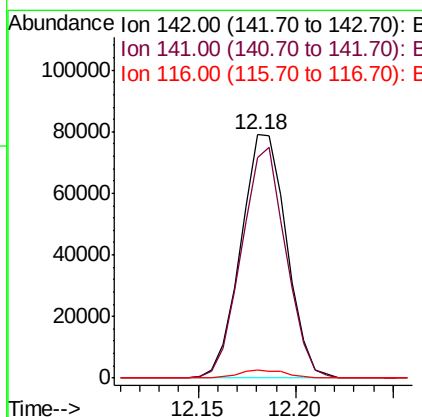
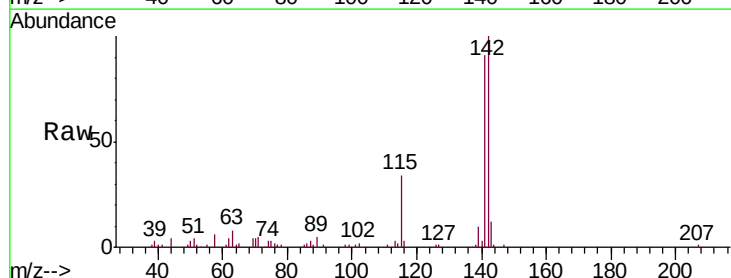
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-04

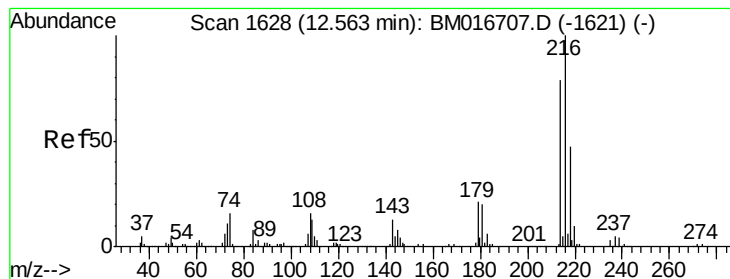
Tgt Ion:142 Resp: 128373
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.4 107.2



#35
 1-Methylnaphthalene
 Concen: 3.989 ng/ul
 RT: 12.18 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

Tgt Ion:142 Resp: 128373
 Ion Ratio Lower Upper
 142 100
 141 90.7 76.6 115.0
 116 3.3 3.6 5.4#





#37

1,2,4,5-Tetrachlorobenzene

Concen: 4.095 ng/ul

RT: 12.55 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

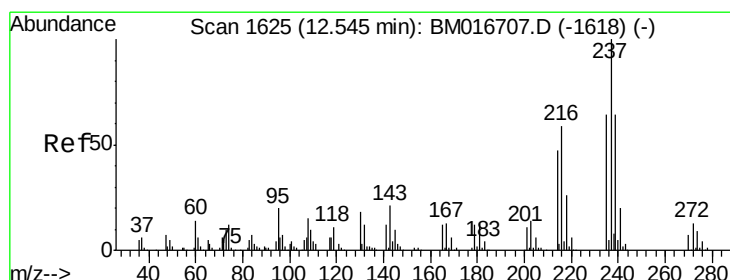
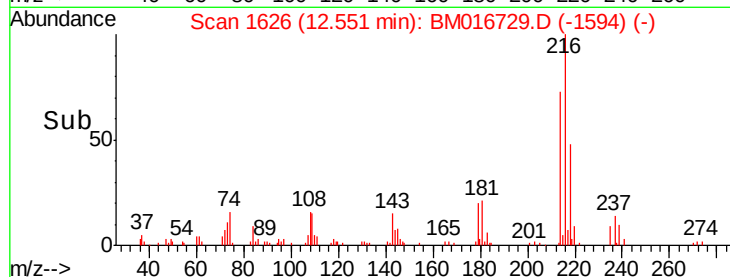
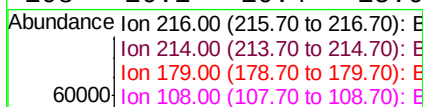
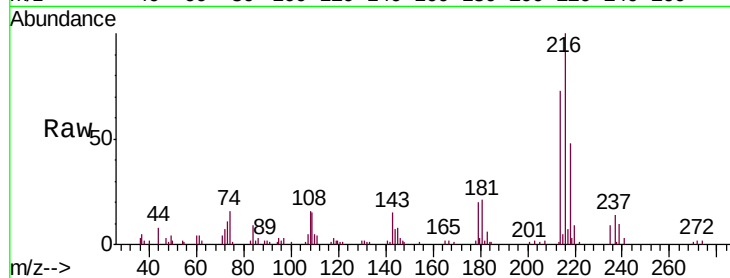
Instrument :

BNA_M

ClientSampleId :

MDL-S-04

Tgt Ion:	216	Resp:	67298
Ion	Ratio	Lower	Upper
216	100		
214	73.4	64.1	96.1
179	20.0	14.5	21.7
108	16.1	10.4	15.6#



#38

Hexachlorocyclopentadiene

Concen: 3.561 ng/ul

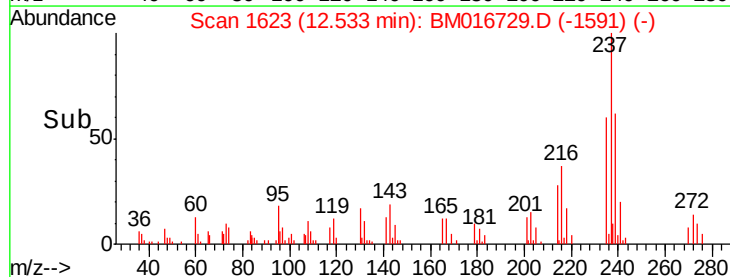
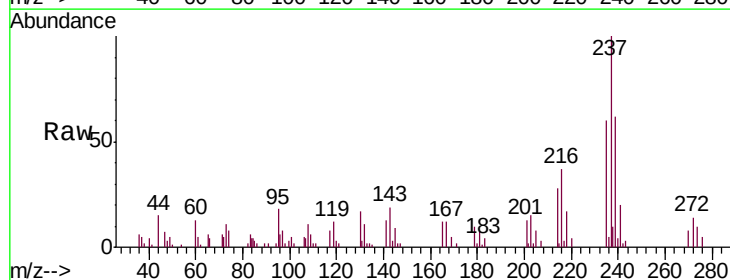
RT: 12.53 min Scan# 1623

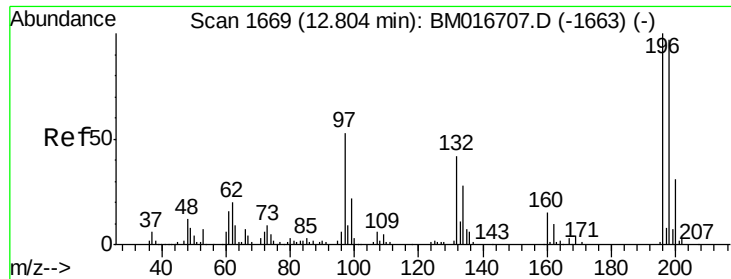
Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

Tgt Ion:	237	Resp:	36433
Ion	Ratio	Lower	Upper
237	100		
235	59.6	49.5	74.3
272	13.8	8.6	12.8#

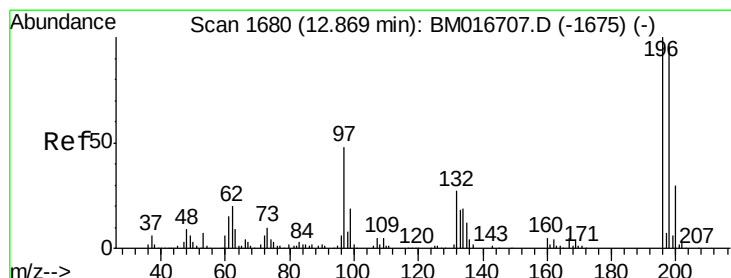
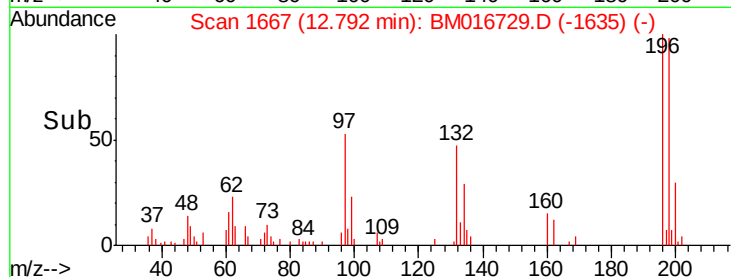
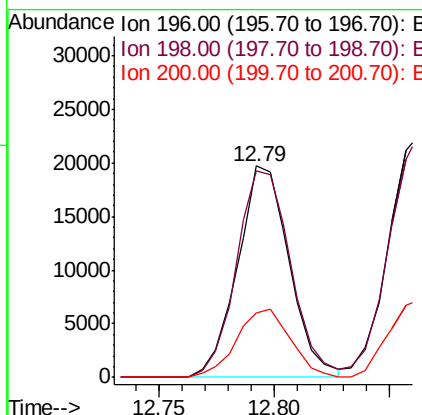
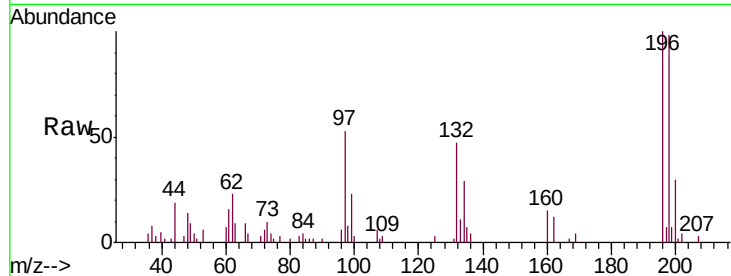




#39
 2,4,6-Trichlorophenol
 Concen: 3.298 ng/ul
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

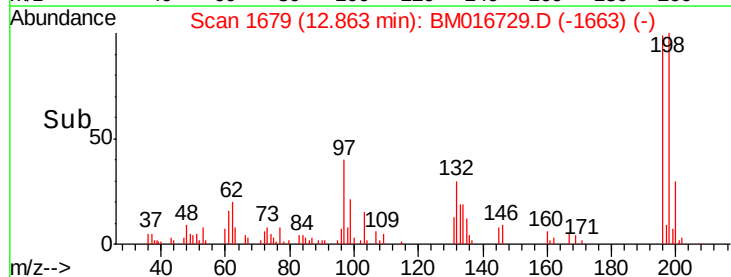
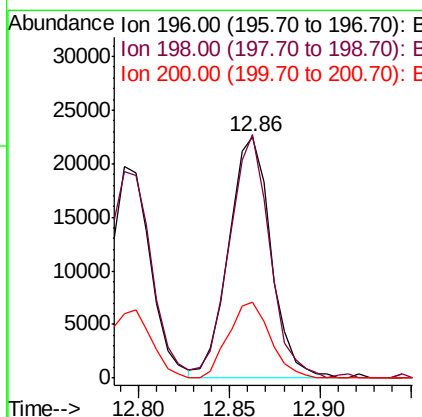
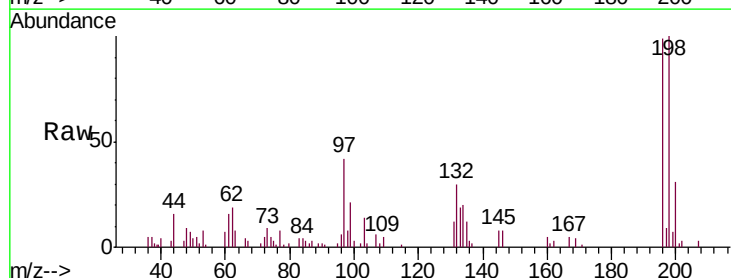
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-04

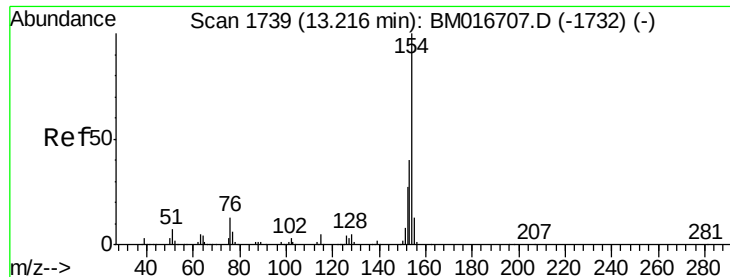
Tgt Ion:196 Resp: 30865
 Ion Ratio Lower Upper
 196 100
 198 97.8 75.9 113.9
 200 30.3 25.8 38.6



#40
 2,4,5-Trichlorophenol
 Concen: 3.586 ng/ul
 RT: 12.86 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

Tgt Ion:196 Resp: 36622
 Ion Ratio Lower Upper
 196 100
 198 100.7 74.7 112.1
 200 31.4 25.4 38.0

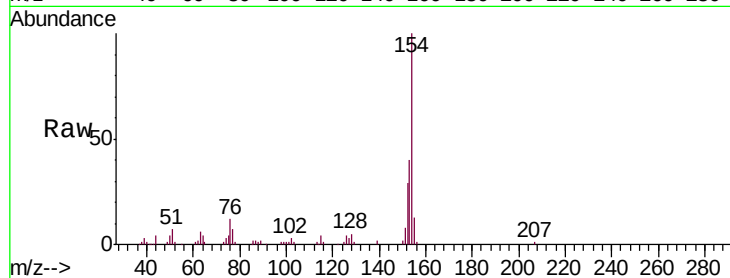




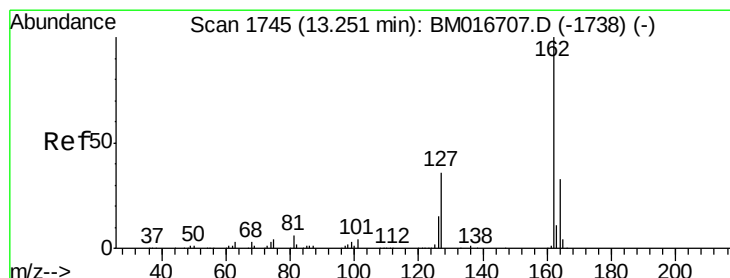
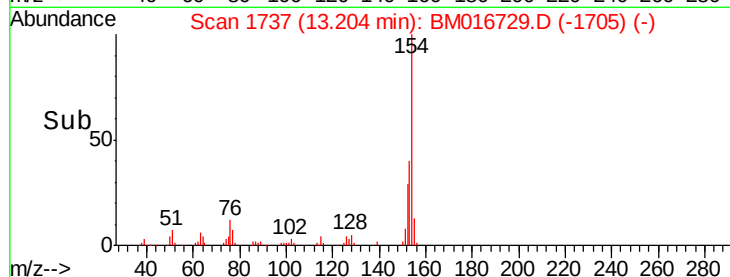
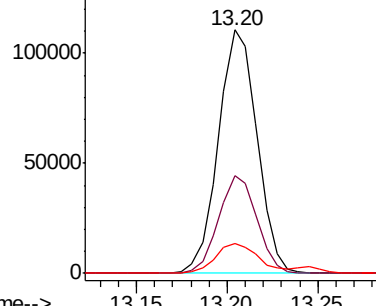
#41
1,1'-Biphenyl
Concen: 4.119 ng/ul
RT: 13.20 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BM016729.D
Acq: 11 Sep 2018 19:07

Instrument :
BNA_M
ClientSampled :
MDL-S-04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	34.0	51.0
76	12.2	8.4	12.6

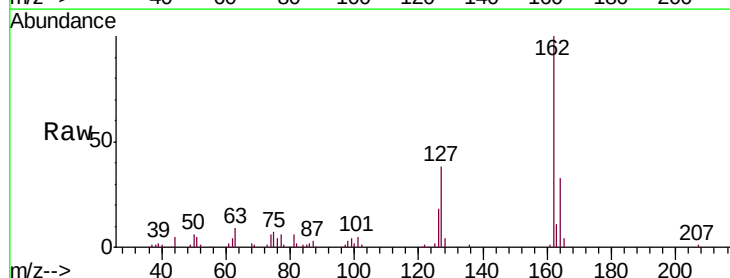


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

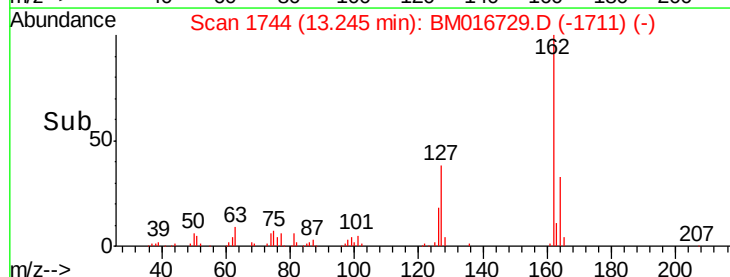
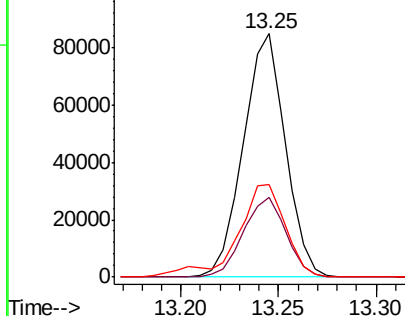


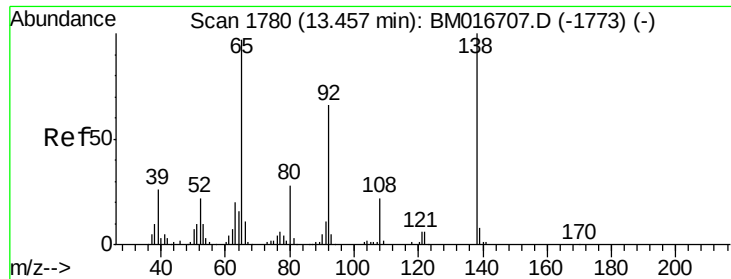
#42
2-Chloronaphthalene
Concen: 4.072 ng/ul
RT: 13.25 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BM016729.D
Acq: 11 Sep 2018 19:07

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.0	26.2	39.4
127	38.0	29.5	44.3



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

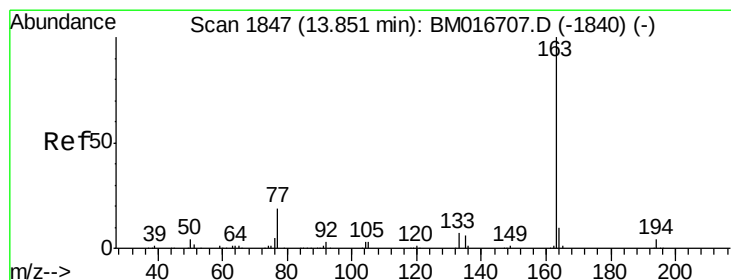
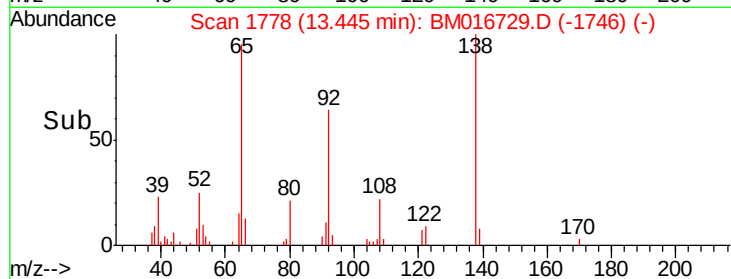
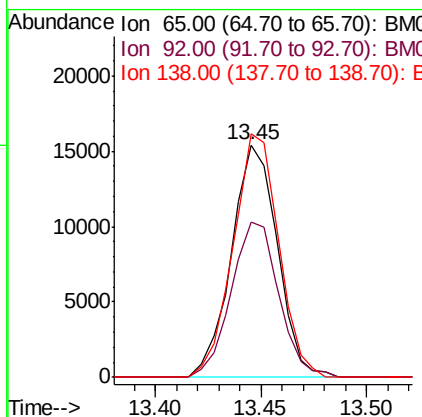
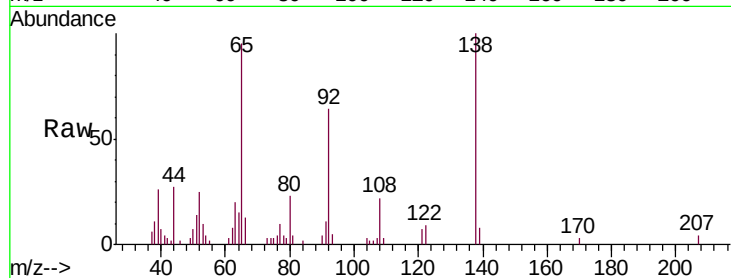




#43
2-Nitroaniline
Concen: 3.394 ng/ul
RT: 13.45 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BM016729.D
Acq: 11 Sep 2018 19:07

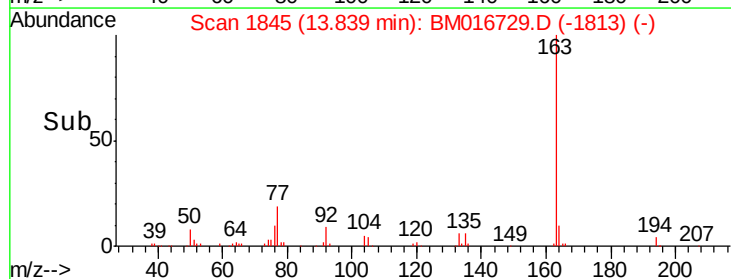
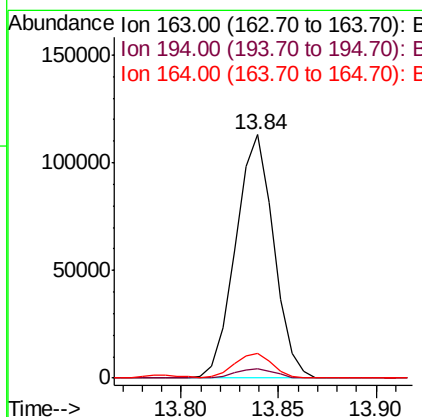
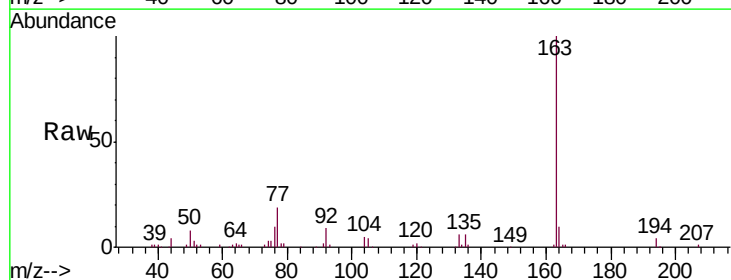
Instrument :
BNA_M
ClientSampleId :
MDL-S-04

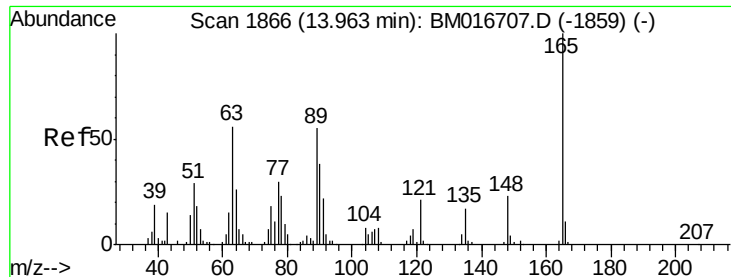
Tgt Ion: 65 Resp: 23294
Ion Ratio Lower Upper
65 100
92 67.0 57.0 85.4
138 104.8 87.2 130.8



#45
Dimethylphthalate
Concen: 4.077 ng/ul
RT: 13.84 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM016729.D
Acq: 11 Sep 2018 19:07

Tgt Ion: 163 Resp: 153085
Ion Ratio Lower Upper
163 100
194 3.7 4.0 6.0#
164 10.2 8.4 12.6

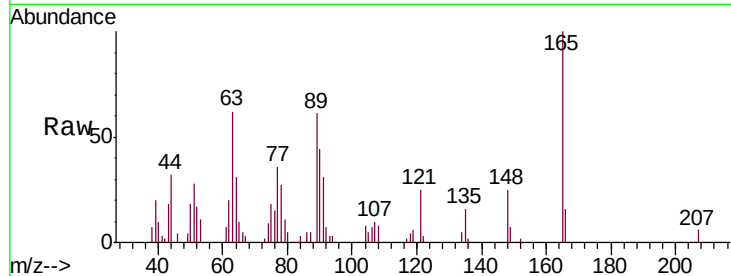




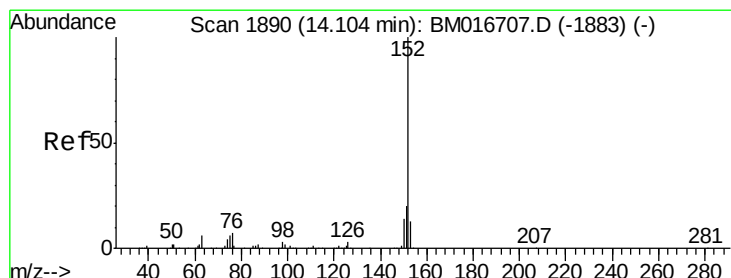
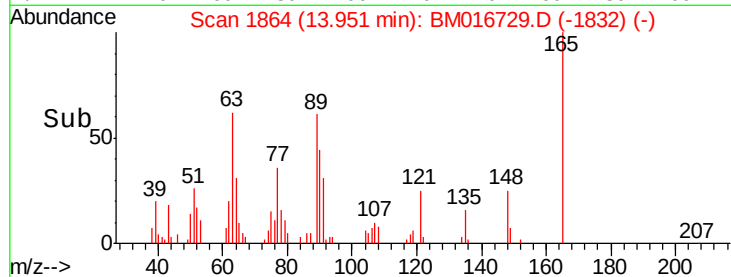
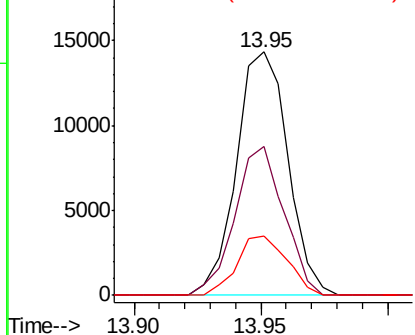
#46
 2,6-Dinitrotoluene
 Concen: 3.515 ng/ul
 RT: 13.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-04

Tgt Ion:165 Resp: 20272
 Ion Ratio Lower Upper
 165 100
 89 61.3 43.8 65.8
 121 24.5 17.8 26.6

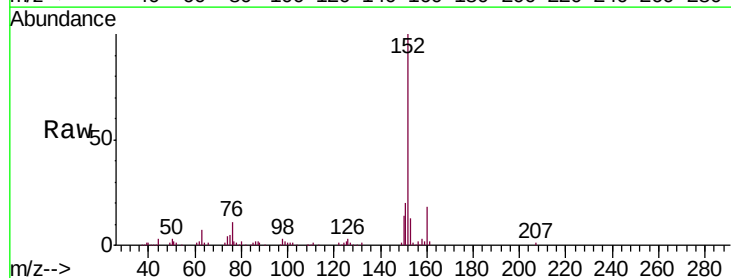


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM
 Ion 121.00 (120.70 to 121.70): E

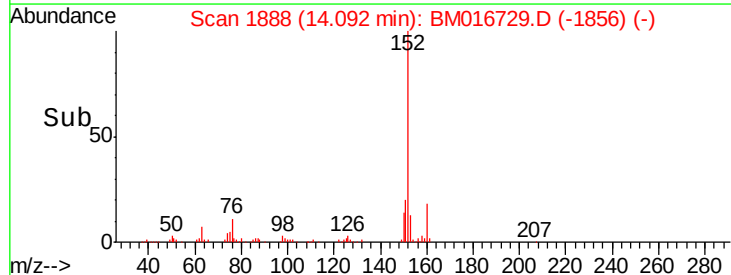
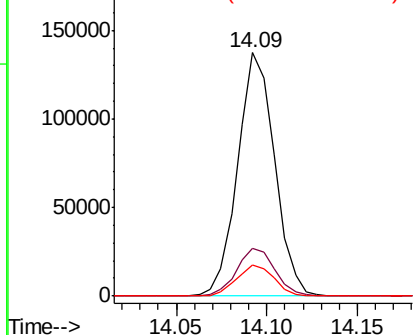


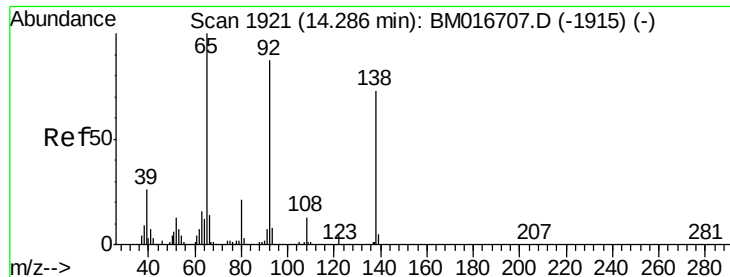
#48
 Acenaphthylene
 Concen: 4.146 ng/ul
 RT: 14.09 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

Tgt Ion:152 Resp: 194742
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.1 24.1
 153 12.9 10.8 16.2



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





#49

3-Nitroaniline

Concen: 3.103 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

Instrument :

BNA_M

ClientSampleId :

MDL-S-04

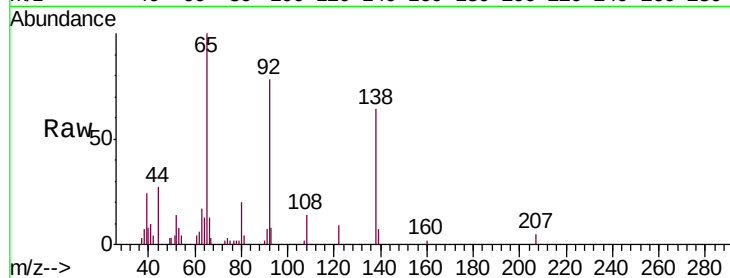
Tgt Ion:138 Resp: 19458

Ion Ratio Lower Upper

138 100

108 22.1 7.6 11.4#

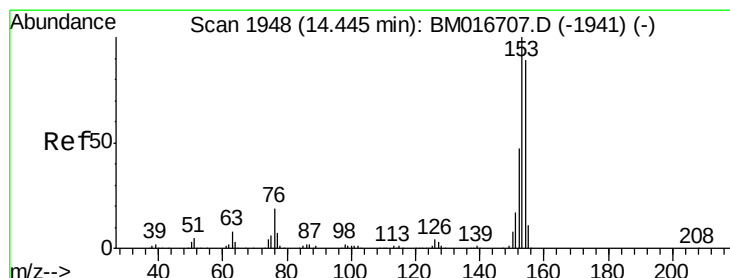
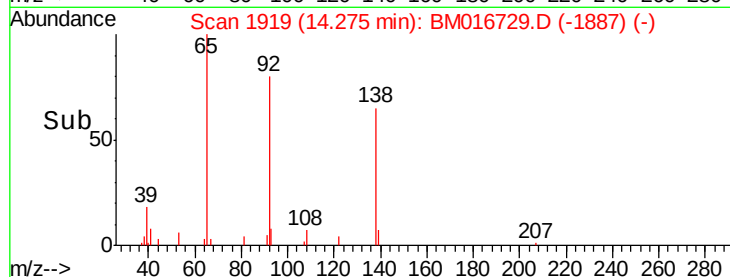
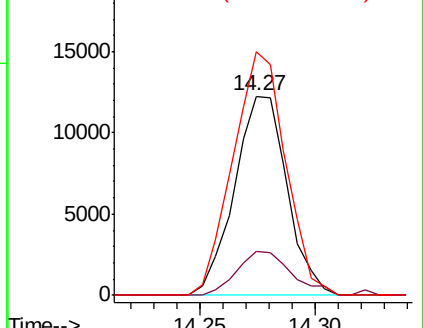
92 122.4 94.2 141.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#50

Acenaphthene

Concen: 4.121 ng/ul

RT: 14.44 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

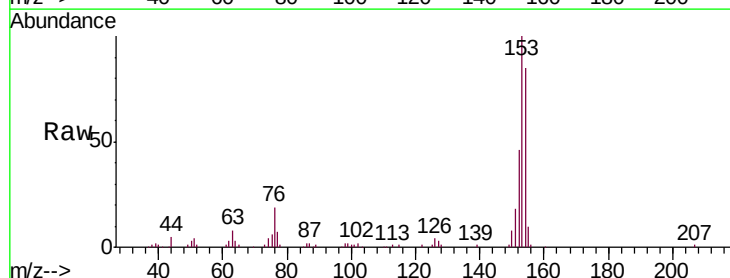
Tgt Ion:153 Resp: 137432

Ion Ratio Lower Upper

153 100

152 46.3 37.9 56.9

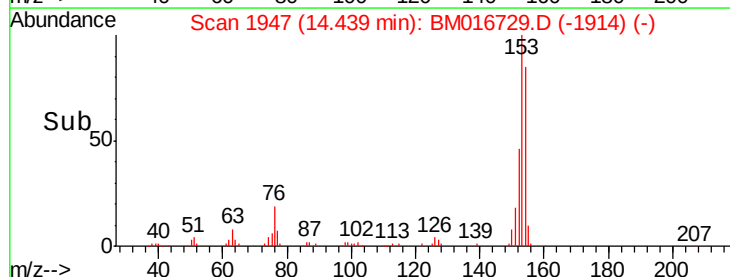
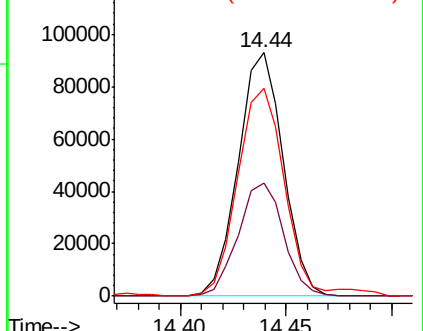
154 85.2 69.8 104.6

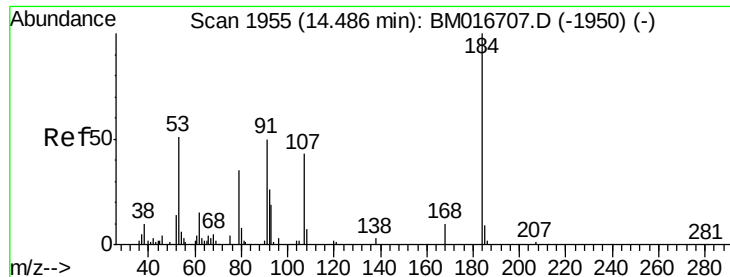


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

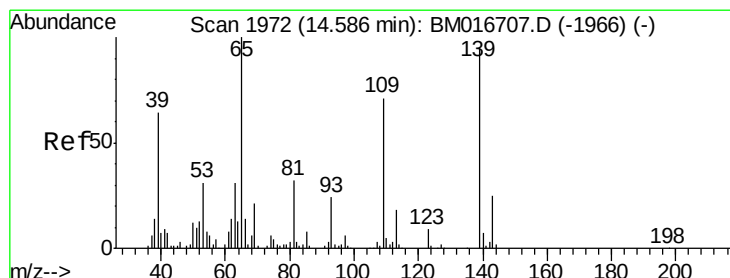
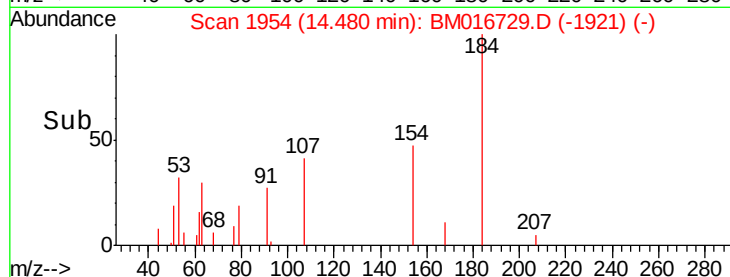
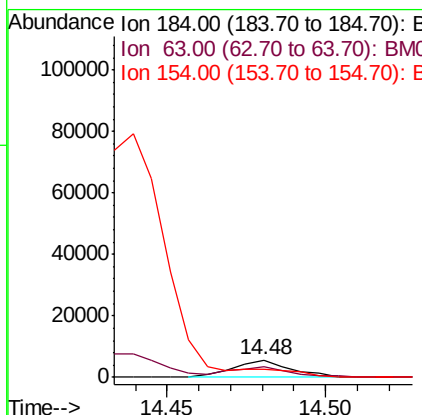
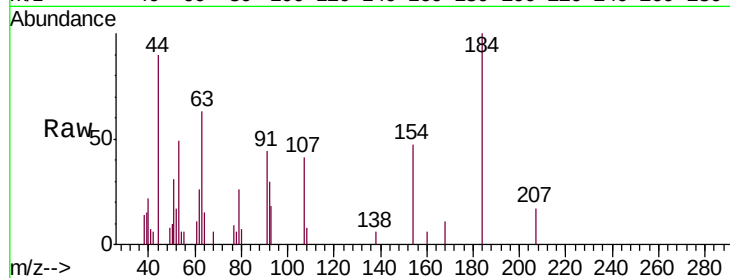




#51
 2,4-Dinitrophenol
 Concen: 2.746 ng/ul
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

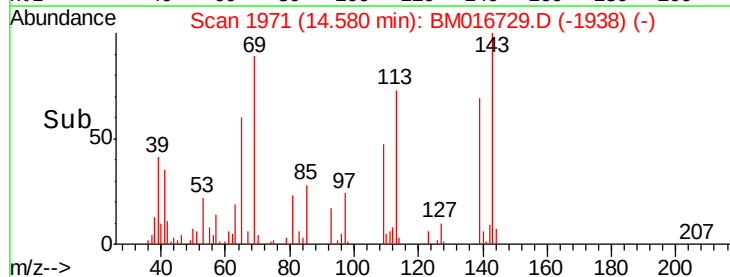
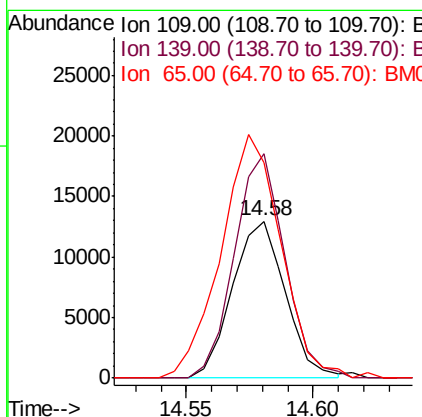
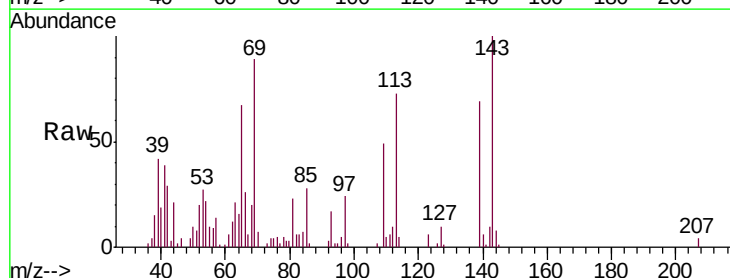
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-04

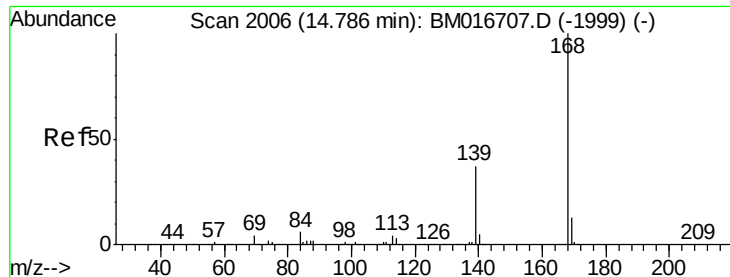
Tgt Ion:184 Resp: 7085
 Ion Ratio Lower Upper
 184 100
 63 63.0 39.7 59.5#
 154 47.2 45.0 67.6



#53
 4-Nitrophenol
 Concen: 3.864 ng/ul
 RT: 14.58 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

Tgt Ion:109 Resp: 18774
 Ion Ratio Lower Upper
 109 100
 139 142.8 91.2 136.8#
 65 137.1 92.6 139.0





#54

Dibenzofuran

Concen: 4.121 ng/ul

RT: 14.77 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

Instrument :

BNA_M

ClientSampled :

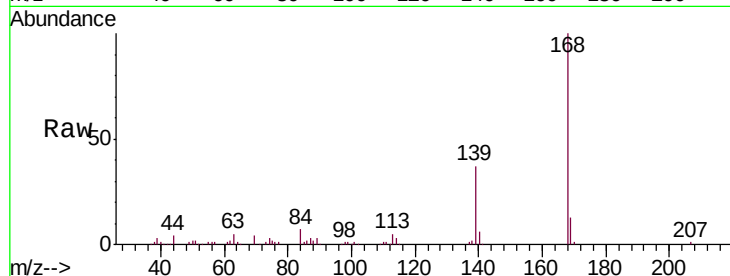
MDL-S-04

Tgt Ion:168 Resp: 188562

Ion Ratio Lower Upper

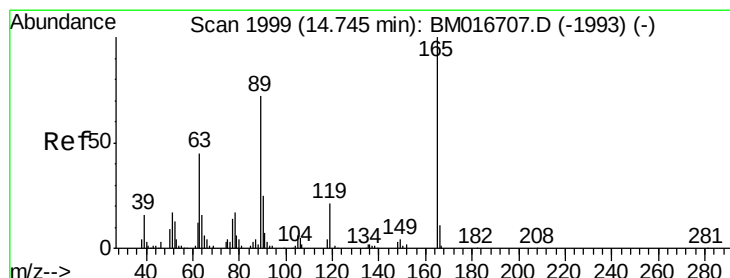
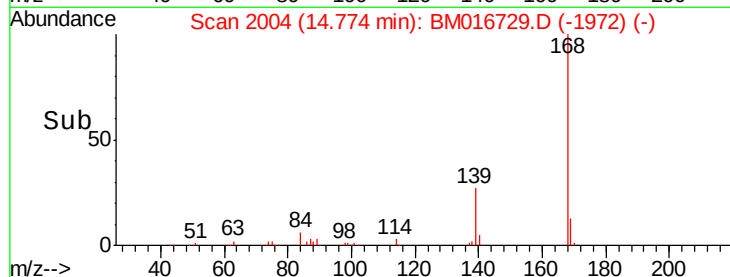
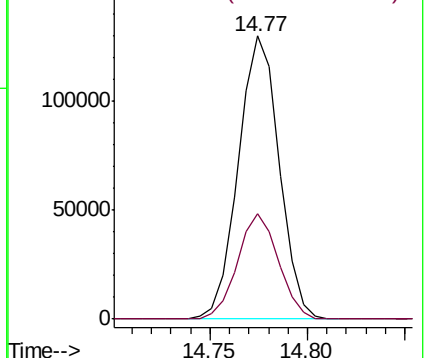
168 100

139 37.3 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 3.649 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

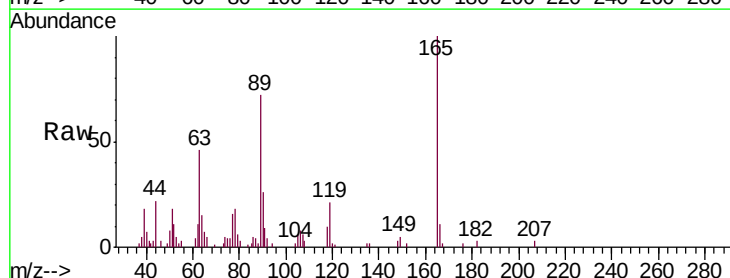
Tgt Ion:165 Resp: 30941

Ion Ratio Lower Upper

165 100

63 46.3 31.4 47.0

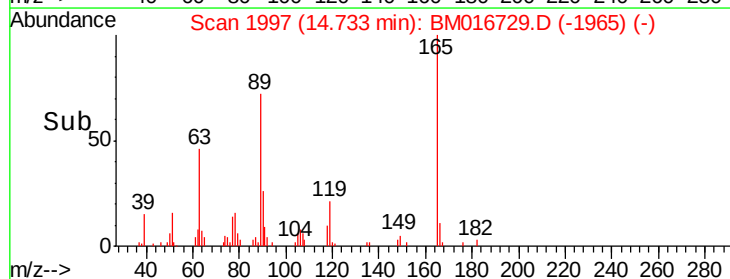
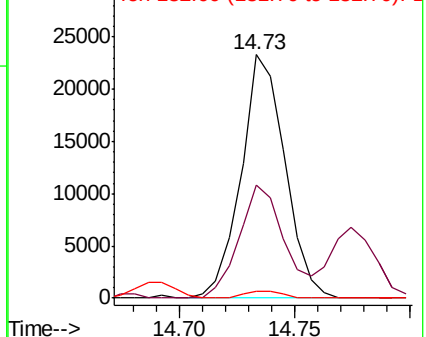
182 2.6 2.7 4.1#

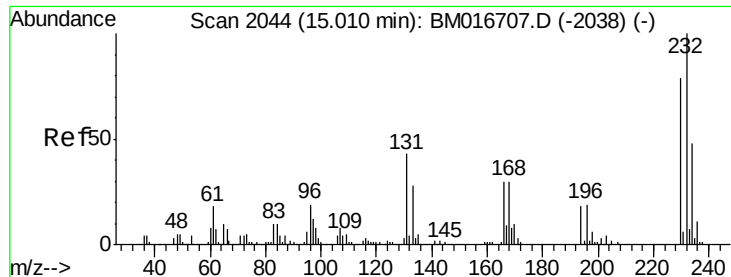


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

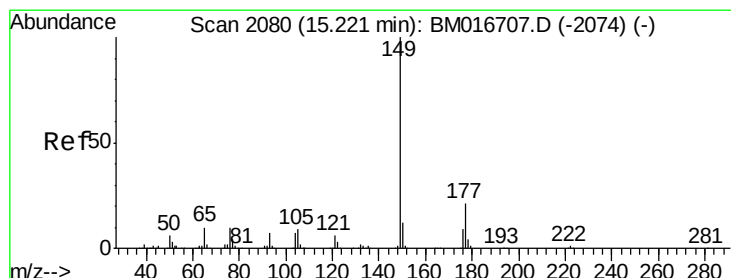
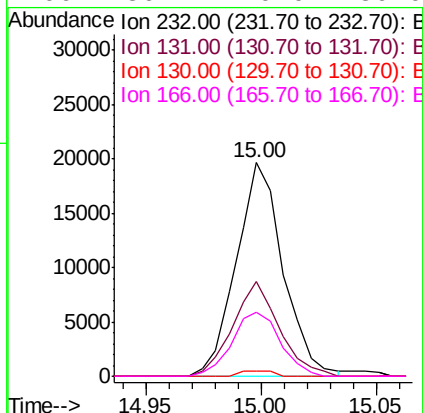
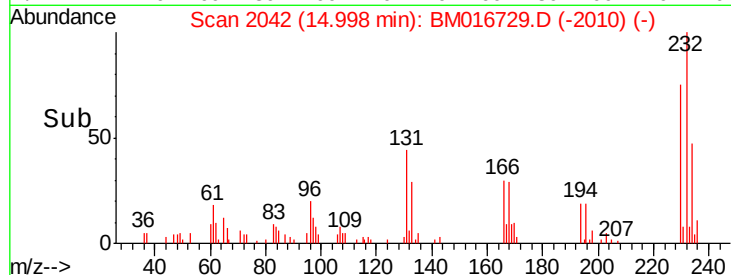
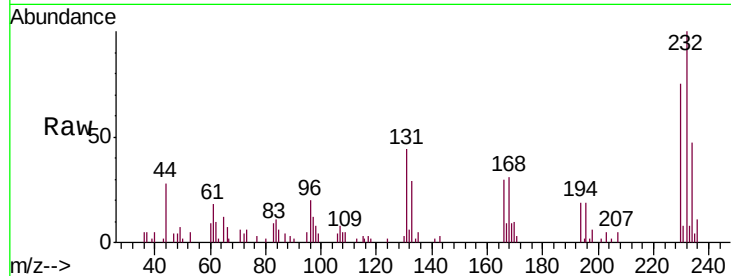




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.350 ng/ul
 RT: 15.00 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

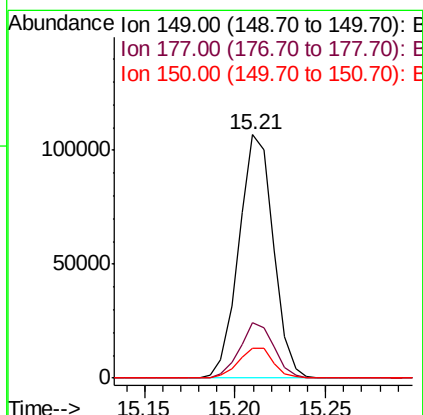
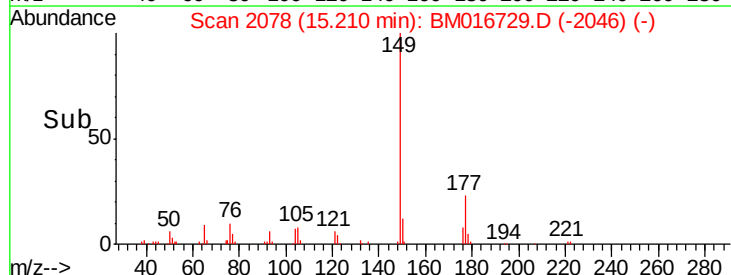
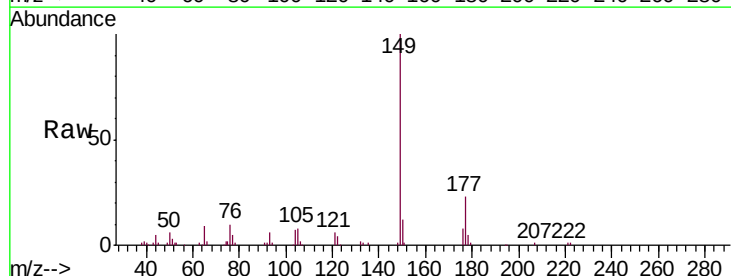
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-04

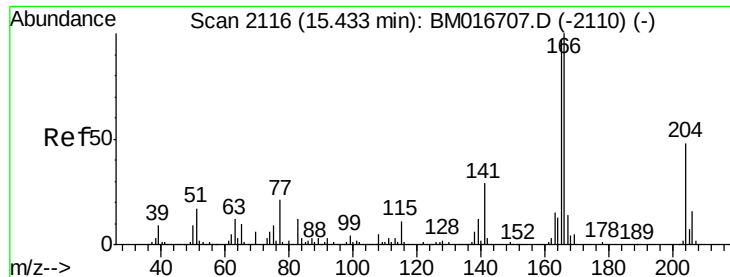
Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.1	27.1	40.7#
130	2.7	0.0	0.0#
166	30.2	20.0	30.0#



#57
 Diethylphthalate
 Concen: 3.803 ng/ul
 RT: 15.21 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.3	28.9
150	12.4	10.6	15.8





#59

Fluorene

Concen: 4.124 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

Instrument :

BNA_M

ClientSampleId :

MDL-S-04

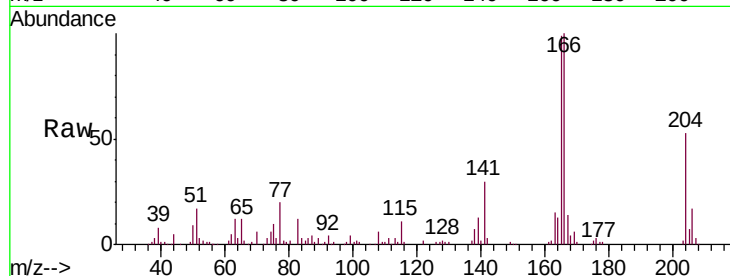
Tgt Ion:166 Resp: 155016

Ion Ratio Lower Upper

166 100

165 99.1 78.4 117.6

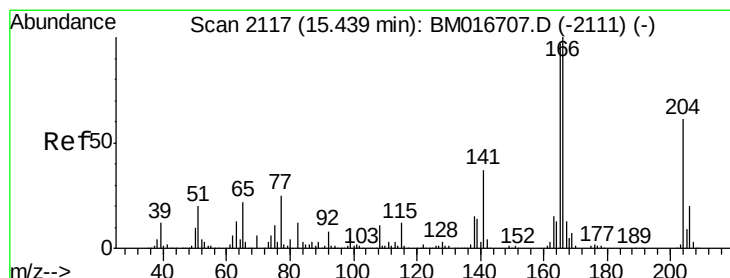
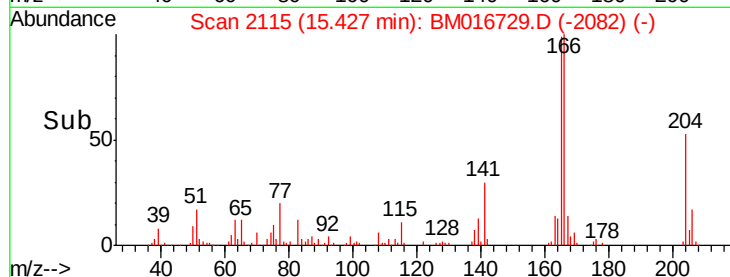
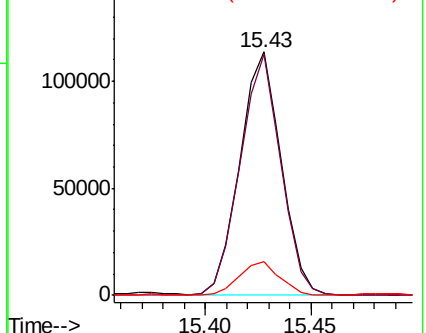
167 14.1 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 4.209 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

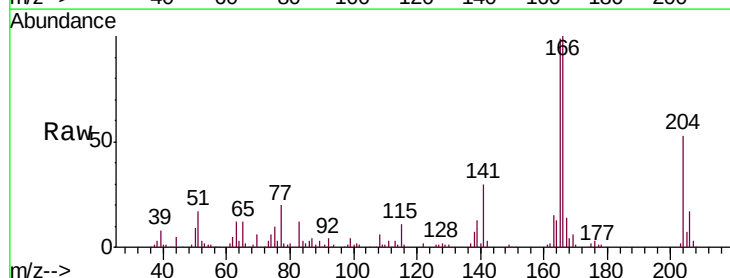
Tgt Ion:204 Resp: 80223

Ion Ratio Lower Upper

204 100

206 31.5 26.6 40.0

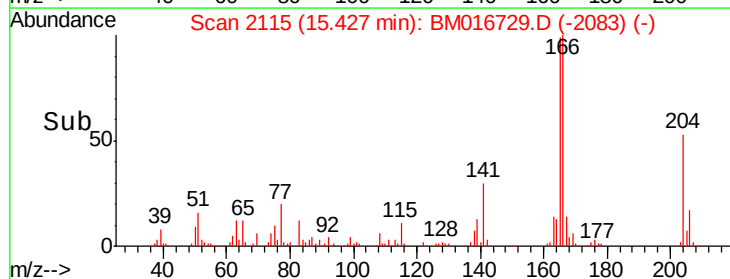
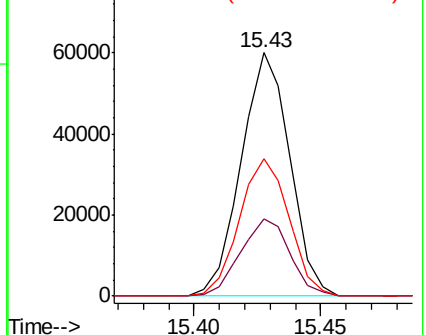
141 56.6 40.7 61.1

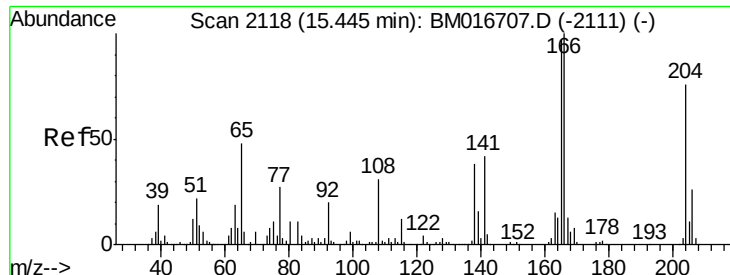


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

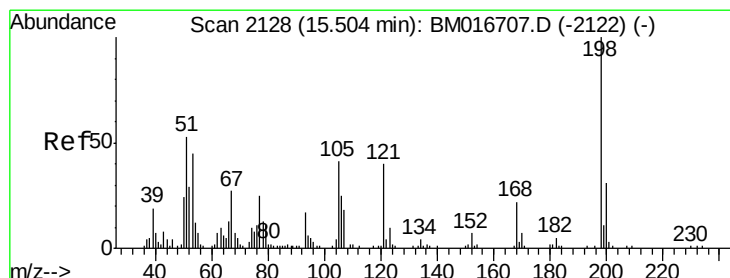
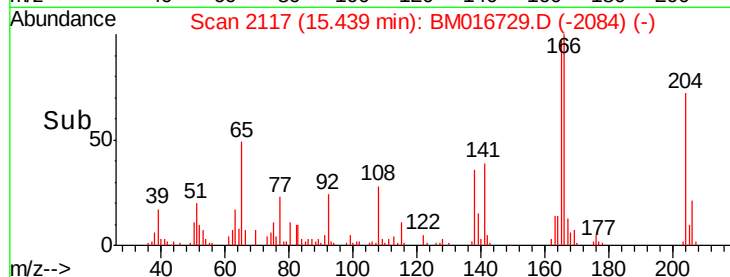
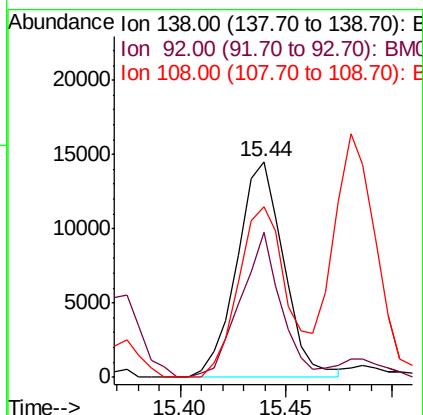
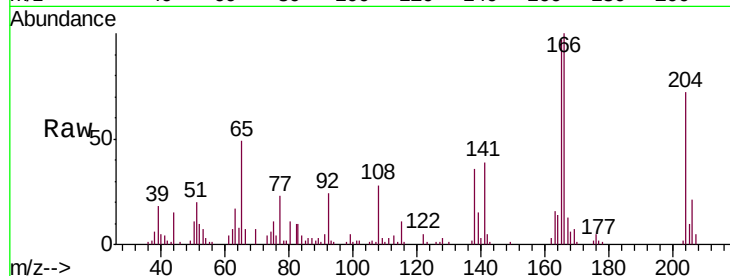




#61
 4-Nitroaniline
 Concen: 2.894 ng/ul
 RT: 15.44 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

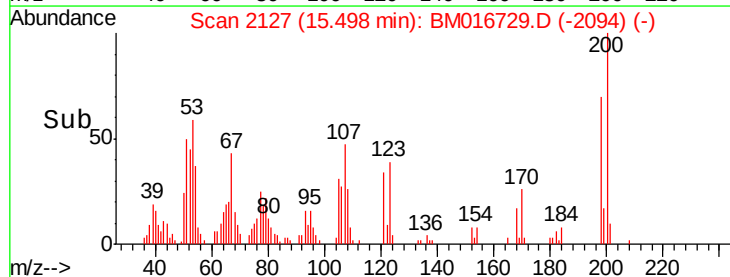
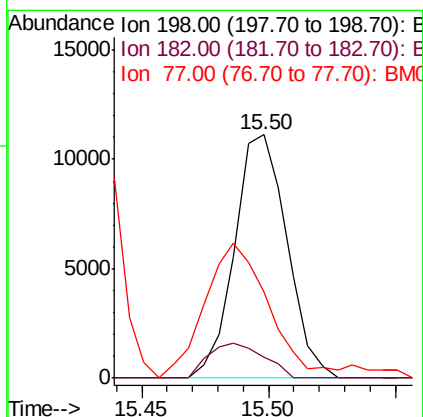
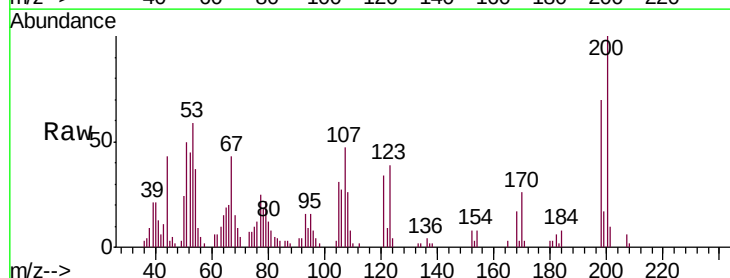
Instrument :
 BNA_M
 ClientSampled :
 MDL-S-04

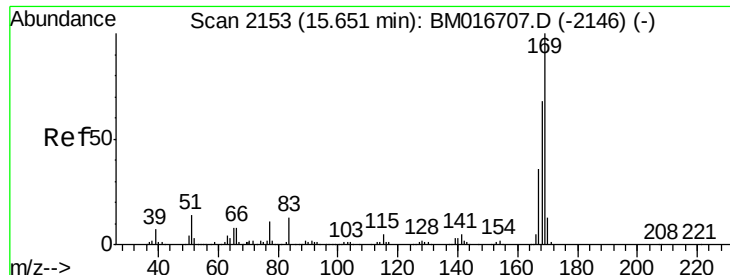
Tgt Ion:138 Resp: 22297
 Ion Ratio Lower Upper
 138 100
 92 67.1 38.2 57.4#
 108 79.3 70.0 105.0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.379 ng/ul
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

Tgt Ion:198 Resp: 16005
 Ion Ratio Lower Upper
 198 100
 182 8.8 3.5 5.3#
 77 35.5 18.2 27.4#

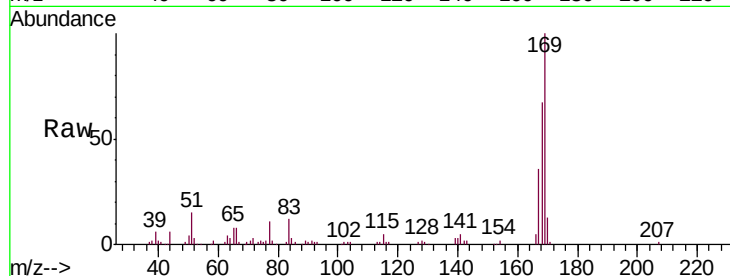




#65
N-Nitrosodiphenylamine
Concen: 4.019 ng/ul
RT: 15.64 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BM016729.D
Acq: 11 Sep 2018 19:07

Instrument :
BNA_M
ClientSampleId :
MDL-S-04

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.8	80.8
167	36.2	29.5	44.3

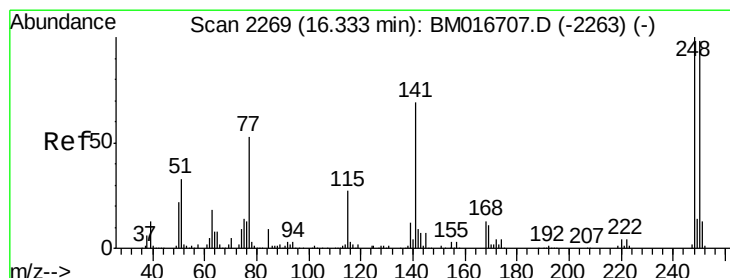
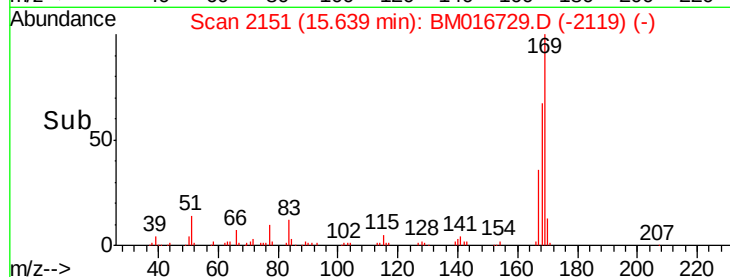
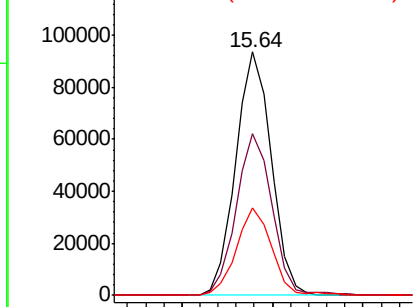


Abundance

Ion 169.00 (168.70 to 169.70): E

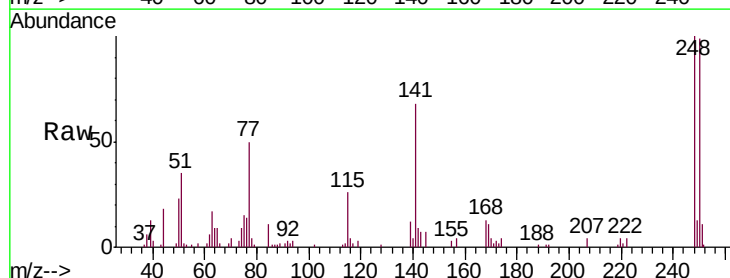
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 3.950 ng/ul
RT: 16.32 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BM016729.D
Acq: 11 Sep 2018 19:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	79.0	118.4
141	67.7	51.9	77.9

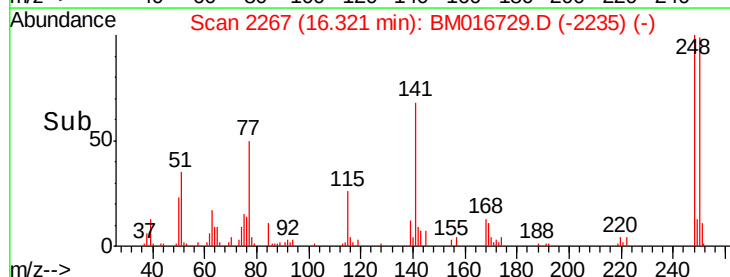
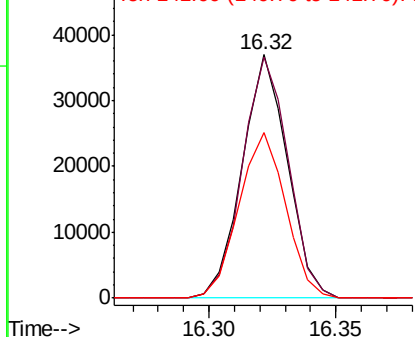


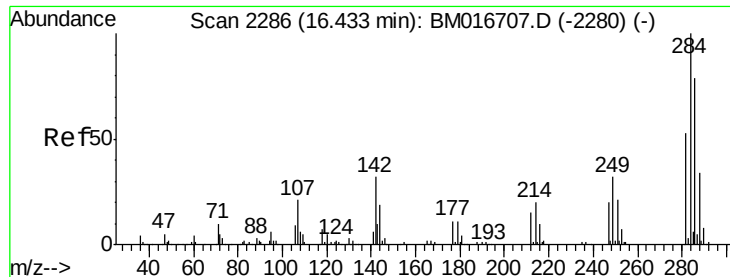
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

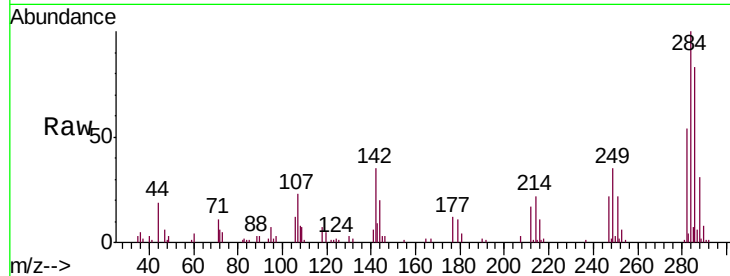




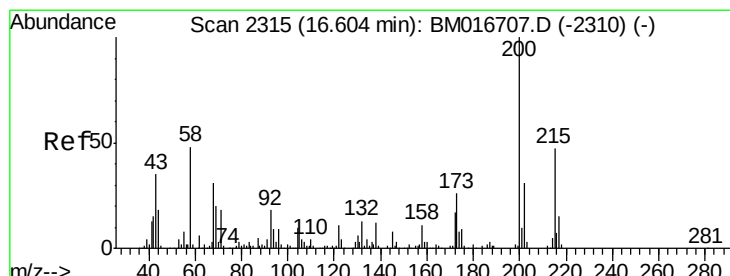
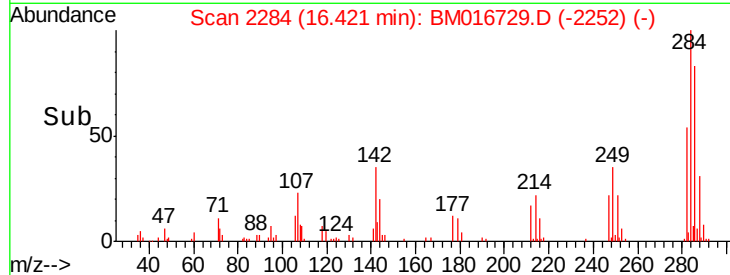
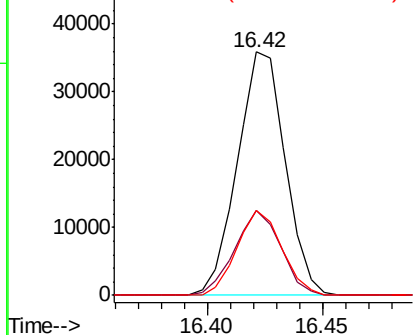
#67
Hexachlorobenzene
Concen: 4.136 ng/ul
RT: 16.42 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BM016729.D
Acq: 11 Sep 2018 19:07

Instrument :
BNA_M
ClientSampleId :
MDL-S-04

Tgt Ion:284 Resp: 51824
Ion Ratio Lower Upper
284 100
142 35.0 21.3 31.9#
249 34.8 26.3 39.5

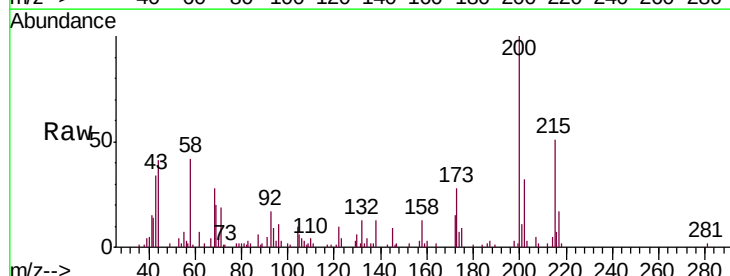


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

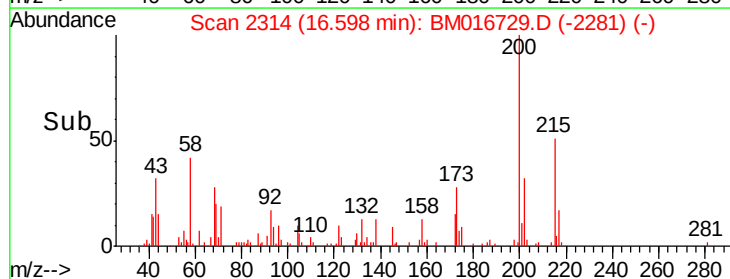
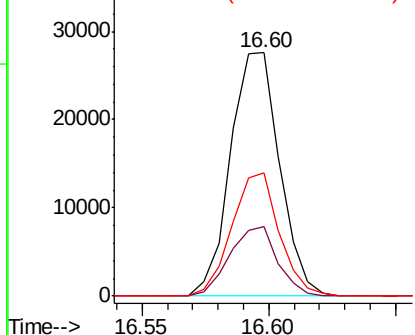


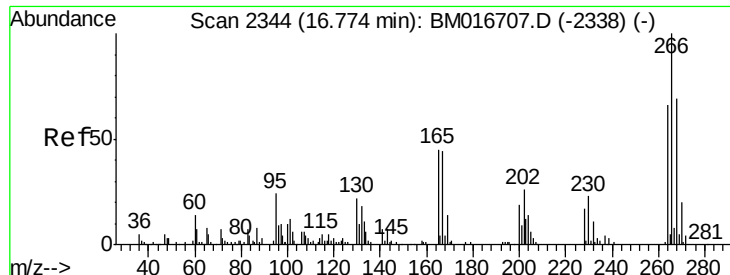
#68
Atrazine
Concen: 3.315 ng/ul
RT: 16.60 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM016729.D
Acq: 11 Sep 2018 19:07

Tgt Ion:200 Resp: 37291
Ion Ratio Lower Upper
200 100
173 28.4 20.6 31.0
215 50.6 39.8 59.6



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 2.649 ng/ul

RT: 16.77 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

Instrument :

BNA_M

ClientSampleId :

MDL-S-04

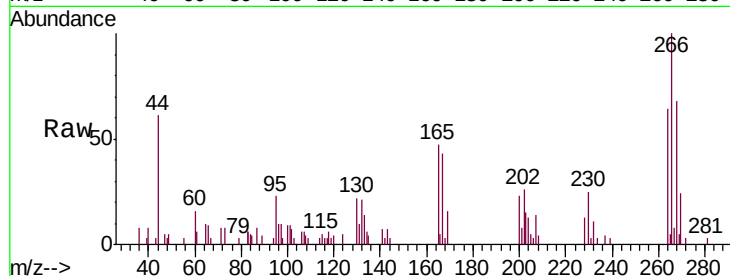
Tgt Ion:266 Resp: 17950

Ion Ratio Lower Upper

266 100

264 64.2 48.2 72.4

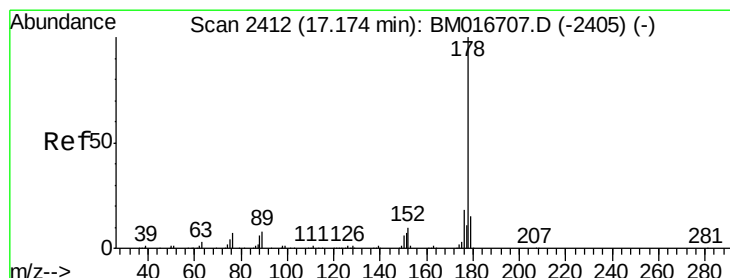
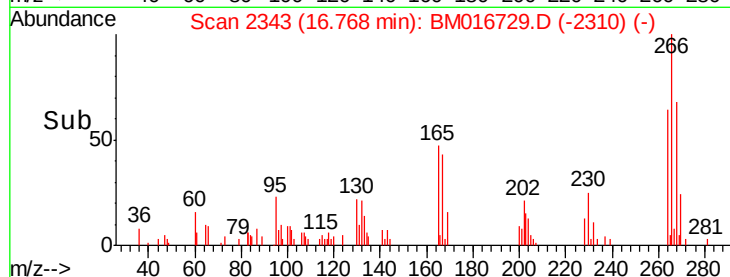
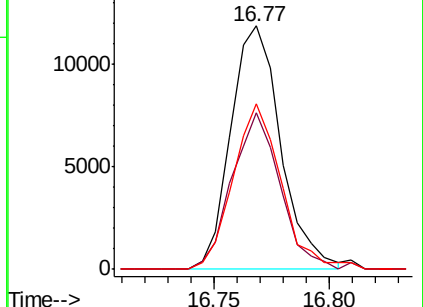
268 68.0 52.3 78.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 4.177 ng/ul

RT: 17.16 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

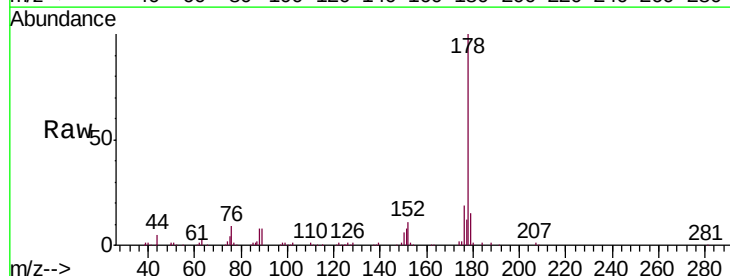
Tgt Ion:178 Resp: 238779

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

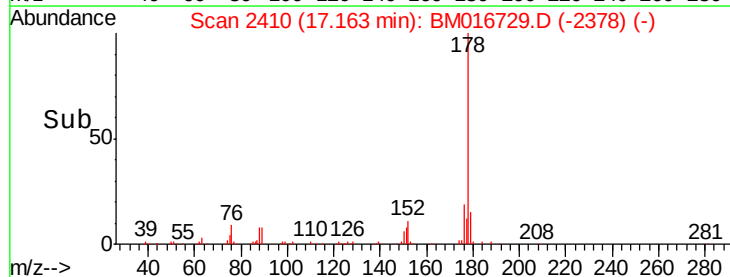
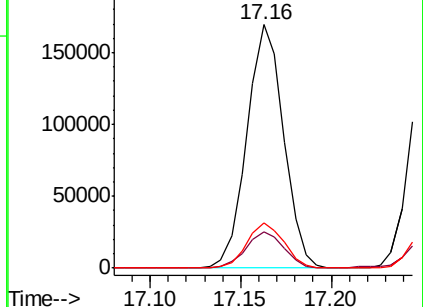
176 18.7 15.4 23.0

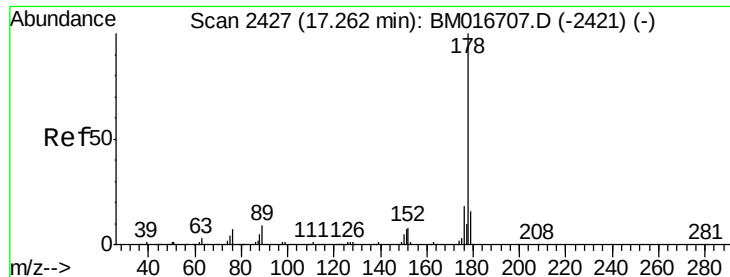


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

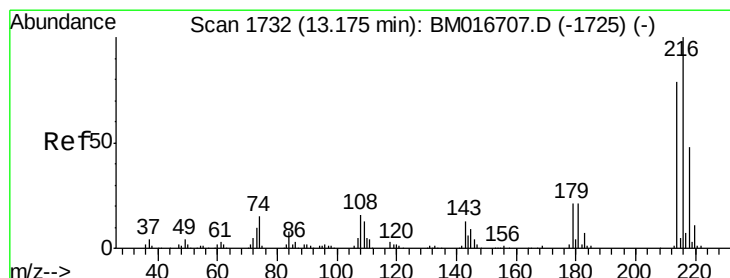
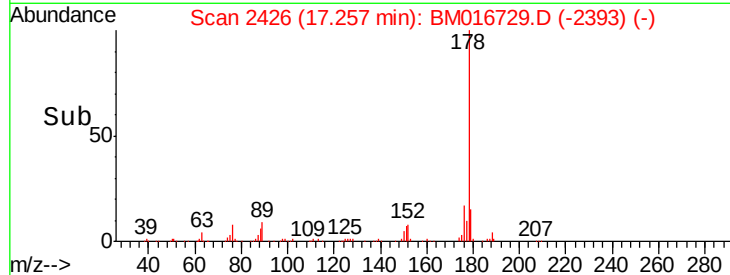
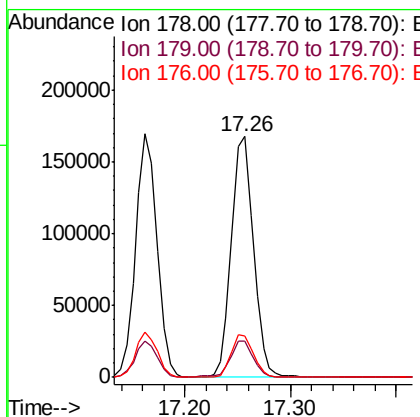
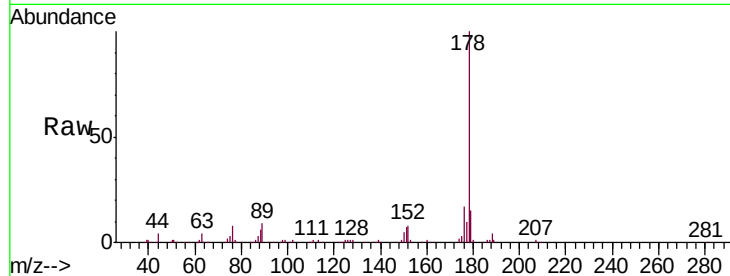




#72
 Anthracene
 Concen: 4.144 ng/uL
 RT: 17.26 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

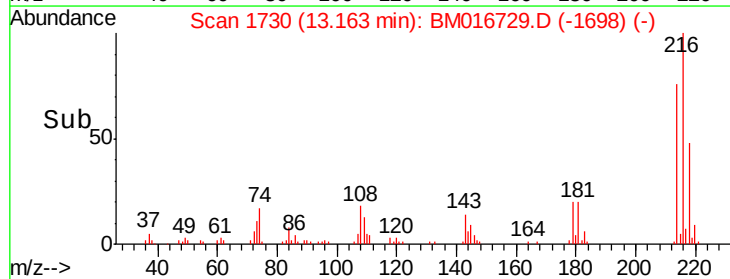
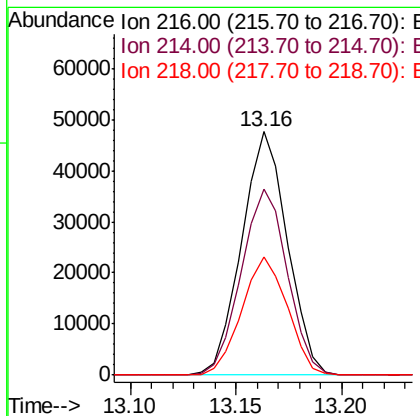
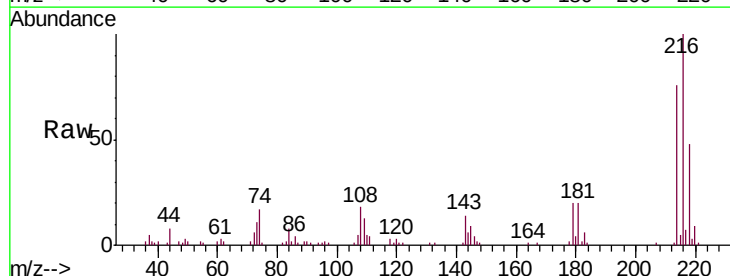
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-04

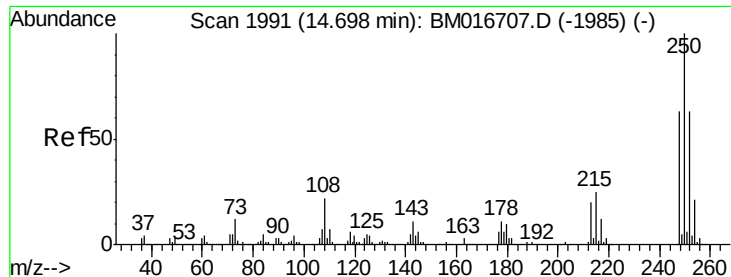
Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	13.4	20.2
176	17.5	15.4	23.0



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.198 ng/uL
 RT: 13.16 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.4	64.1	96.1
218	48.3	39.4	59.0





#74

Pentachlorobenzene

Concen: 4.310 ng/uL

RT: 14.69 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

Instrument :

BNA_M

ClientSampleId :

MDL-S-04

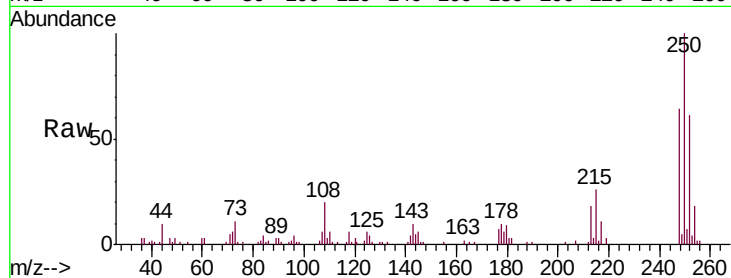
Tgt Ion:250 Resp: 66224

Ion Ratio Lower Upper

250 100

248 64.1 51.4 77.2

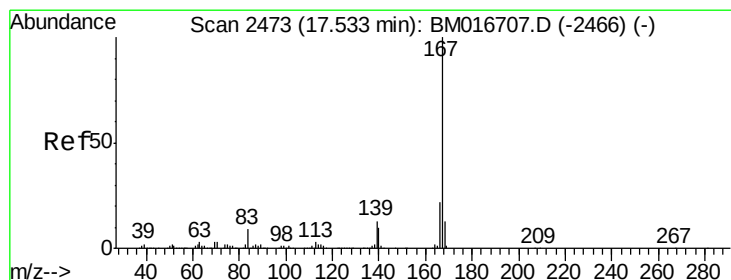
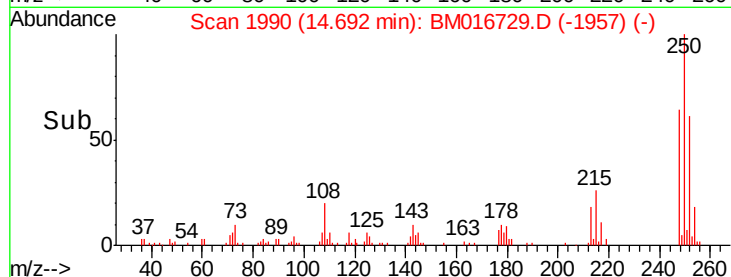
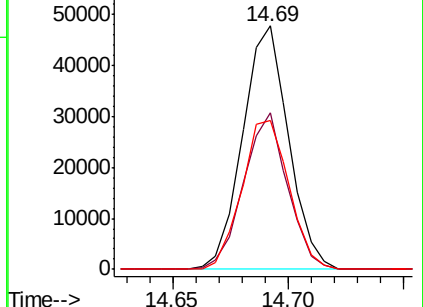
252 61.2 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 3.826 ng/uL

RT: 17.52 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

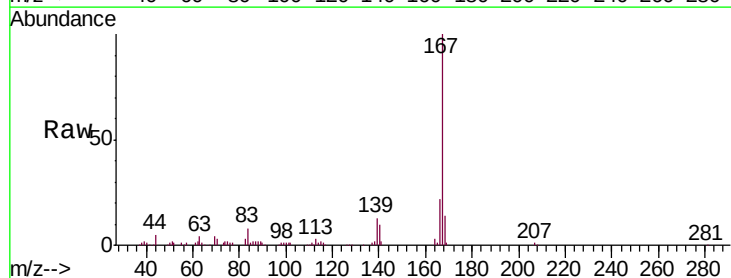
Tgt Ion:167 Resp: 197383

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

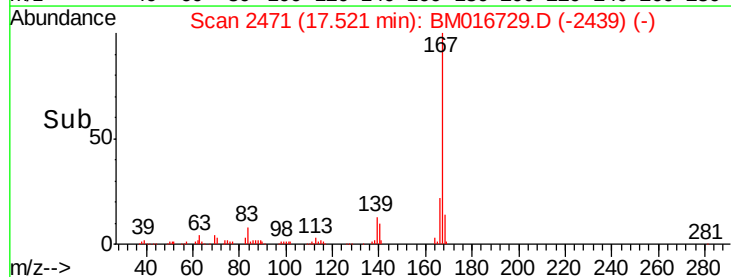
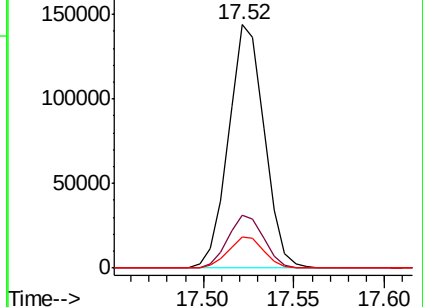
139 12.7 9.1 13.7

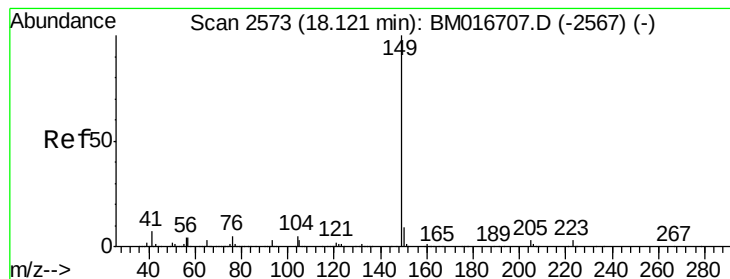


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Di-n-butylphthalate

Concen: 3.250 ng/ul

RT: 18.11 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

Instrument :

BNA_M

ClientSampleId :

MDL-S-04

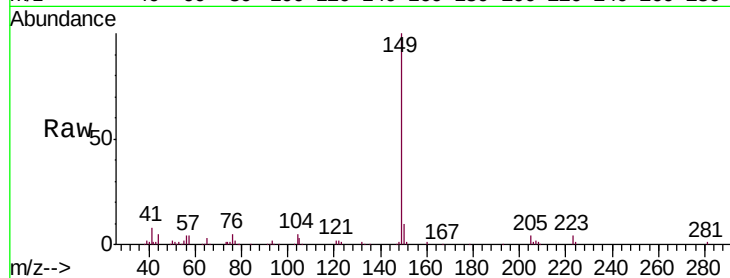
Tgt Ion:149 Resp: 195065

Ion Ratio Lower Upper

149 100

150 9.8 7.5 11.3

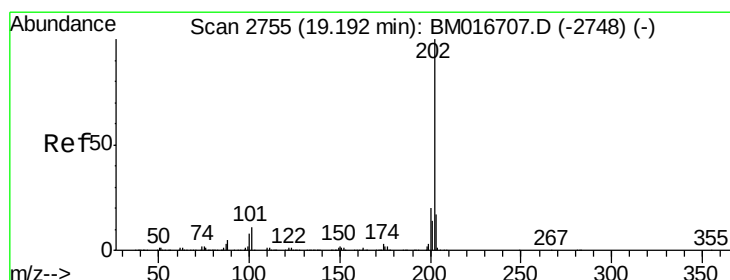
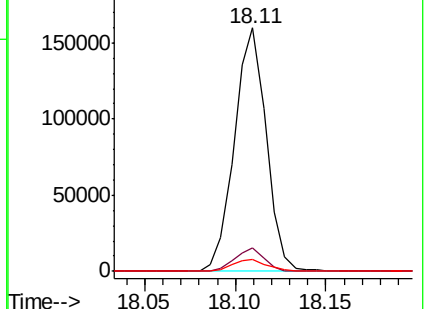
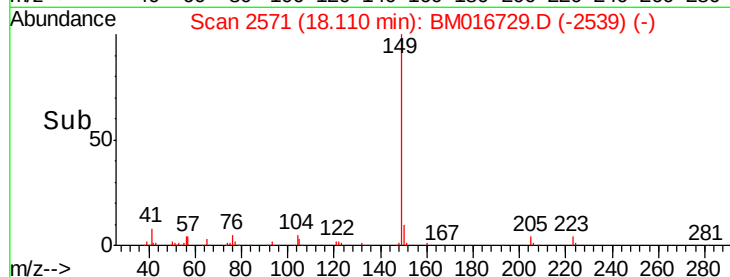
104 4.9 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 3.945 ng/ul

RT: 19.18 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BM016729.D

Acq: 11 Sep 2018 19:07

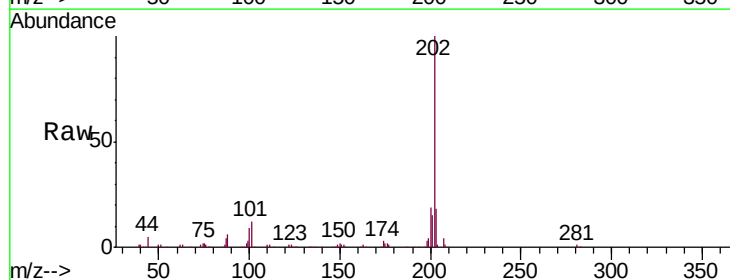
Tgt Ion:202 Resp: 258532

Ion Ratio Lower Upper

202 100

101 11.6 6.1 9.1#

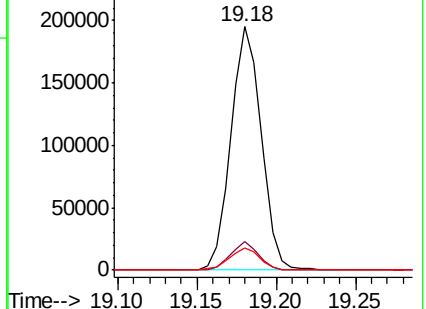
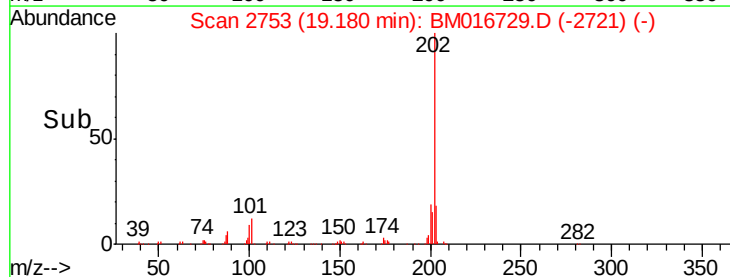
100 9.1 4.6 7.0#

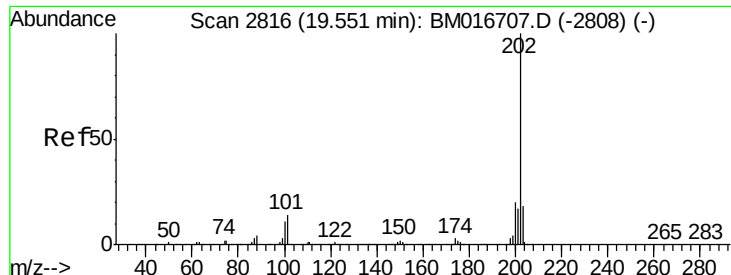


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

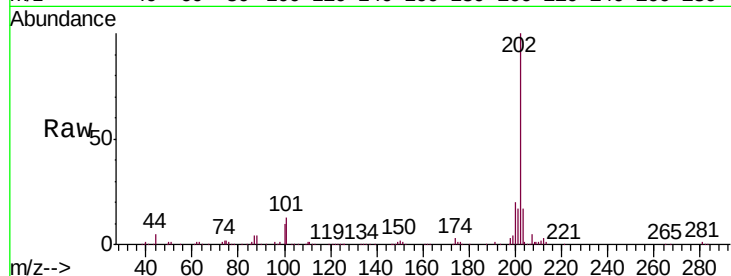




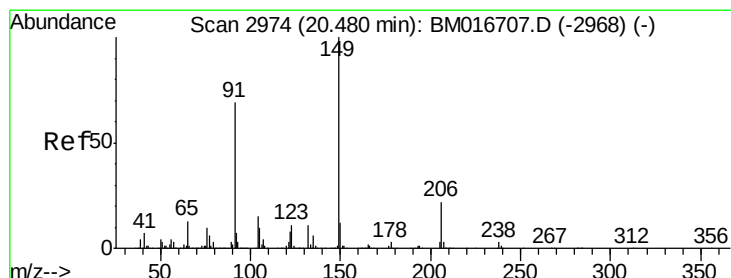
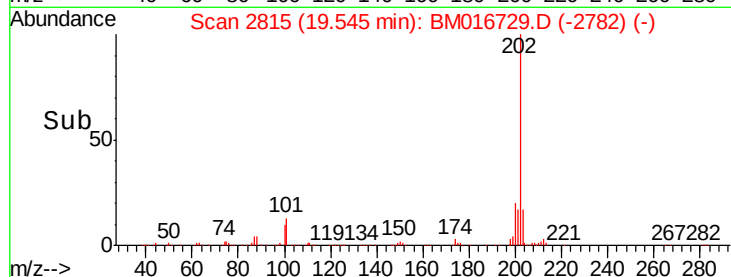
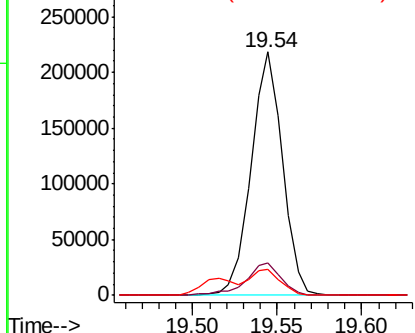
#80
 Pyrene
 Concen: 4.097 ng/ul
 RT: 19.54 min Scan# 2815
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	6.9	10.3#
100	10.4	5.6	8.4#

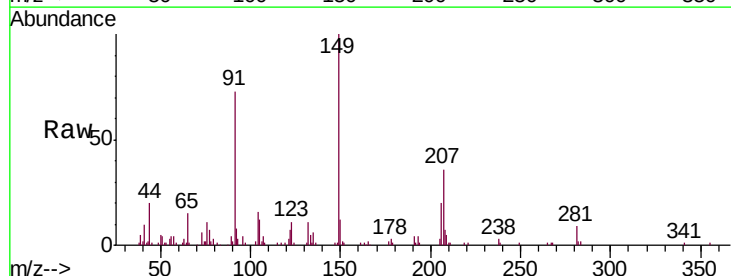


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

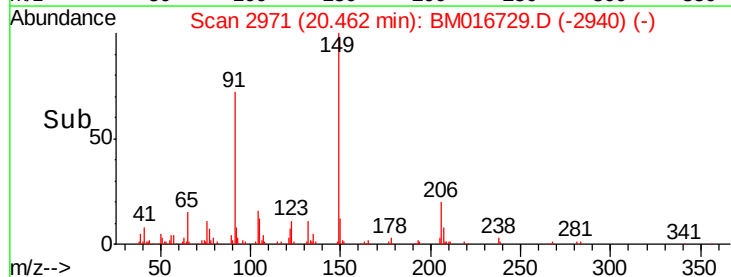
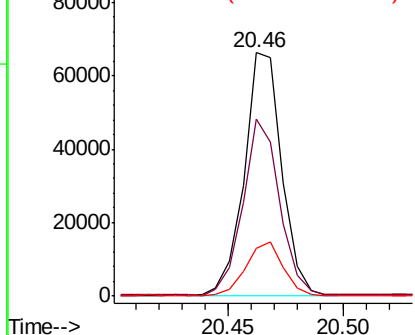


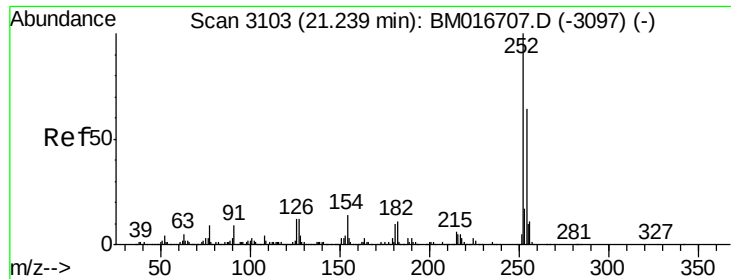
#81
 Butylbenzylphthalate
 Concen: 2.963 ng/ul
 RT: 20.46 min Scan# 2971
 Delta R.T. -0.02 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.8	53.4	80.0
206	19.9	19.3	28.9



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

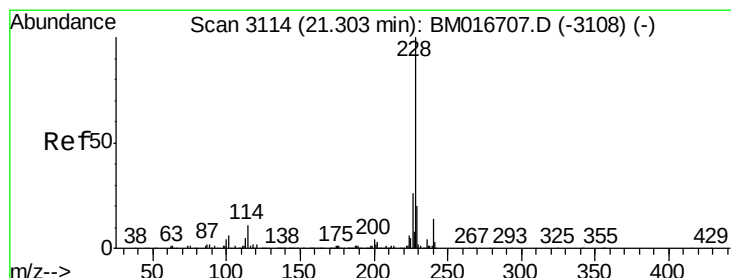
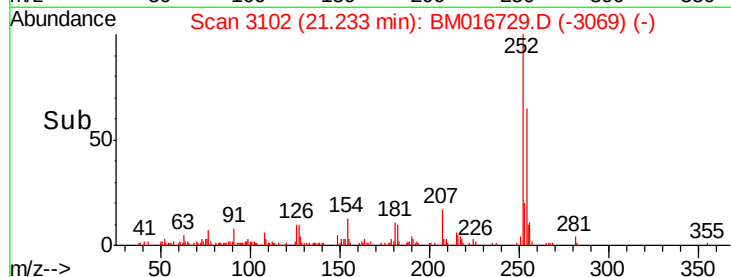
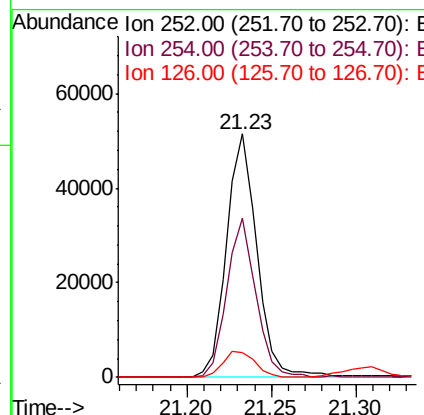
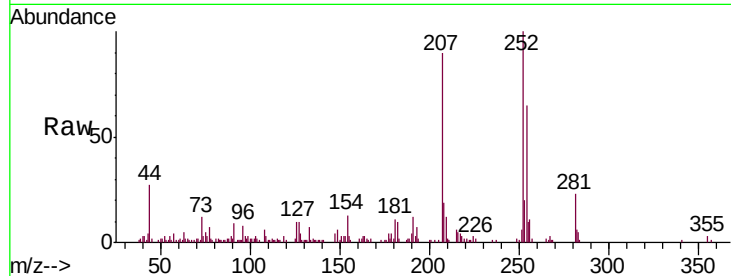




#82
 3,3'-Dichlorobenzidine
 Concen: 2.902 ng/ul
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.8	79.2
126	10.4	6.9	10.3#



#83
 Benzo(a)anthracene
 Concen: 3.956 ng/ul
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM016729.D
 Acq: 11 Sep 2018 19:07

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.1	16.0	24.0
226	26.8	21.8	32.8

