

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072418\
 Data File : BM016056.D
 Acq On : 24 Jul 2018 15:25
 Operator : SJ/JU
 Sample : J4086-22
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 1535

Quant Time: Jul 25 05:33:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	39464	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	157458	20.00	ng	0.00
38) Acenaphthene-d10	14.85	164	81499	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	173355	20.00	ng	0.00
75) Chrysene-d12	21.70	240	178238	20.00	ng	0.00
86) Perylene-d12	24.07	264	182082	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	371481	156.36	ng	0.00
7) Phenol-d6	7.39	99	474584	152.96	ng	0.00
23) Nitrobenzene-d5	9.42	82	344499	101.76	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	162044	156.77	ng	0.00
44) 2-Fluorobiphenyl	13.47	172	697930	104.20	ng	0.00
78) Terphenyl-d14	20.15	244	1049759	123.29	ng	0.00

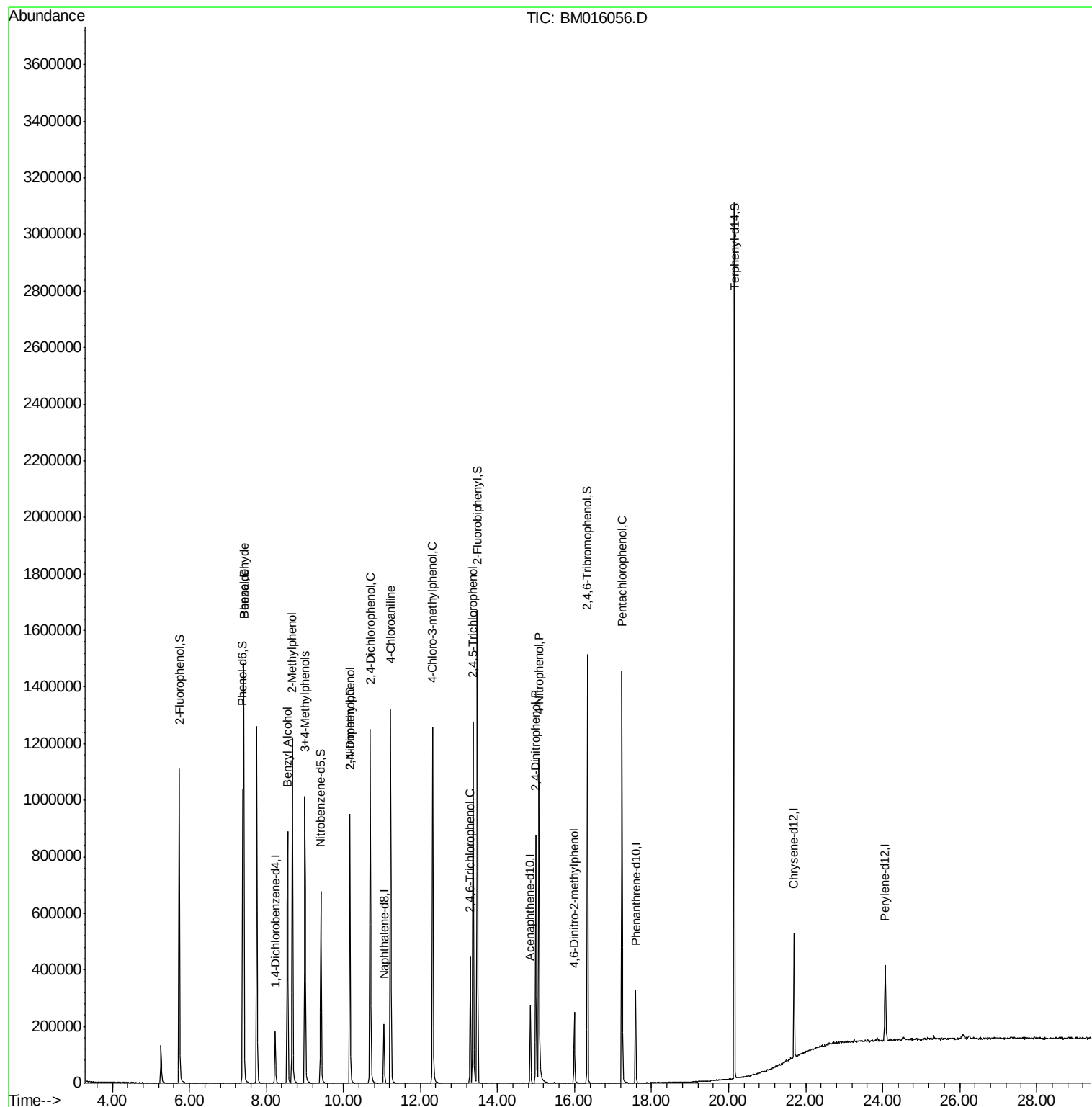
Target Compounds				Qvalue		
9) Benzaldehyde	7.42	77	8762	4.020	ng	# 2
10) Phenol	7.42	94	575261	185.426	ng	97
15) Benzyl Alcohol	8.55	79	6298	2.549	ng	# 46
17) 2-Methylphenol	8.67	107	279415	131.770	ng	# 84
20) 3+4-Methylphenols	9.00	107	369232	121.025	ng	86
26) 2-Nitrophenol	10.17	139	205131	144.204	ng	# 54
27) 2,4-Dimethylphenol	10.17	122	13250	6.686	ng	# 12
29) 2,4-Dichlorophenol	10.70	162	344675	146.360	ng	97
33) 4-Chloroaniline	11.23	127	6596	2.028	ng	# 7
36) 4-Chloro-3-methylphenol	12.32	107	354277	136.775	ng	86
42) 2,4,6-Trichlorophenol	13.30	196	76333	43.972	ng	99
43) 2,4,5-Trichlorophenol	13.37	196	249868	139.543	ng	# 83
53) 2,4-Dinitrophenol	14.99	184	129964	200.895	ng	# 65
55) 4-Nitrophenol	15.08	139	206455	185.799	ng	# 83
64) 4,6-Dinitro-2-methylphenol	15.99	198	41344	39.292	ng	# 82
69) Pentachlorophenol	17.23	266	172222	128.660	ng	99

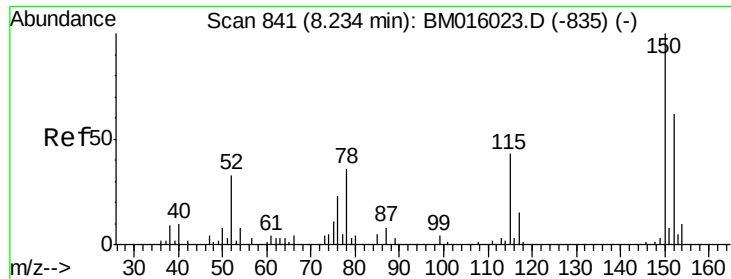
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072418\
Data File : BM016056.D
Acq On : 24 Jul 2018 15:25
Operator : SJ/JU
Sample : J4086-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
1535

Quant Time: Jul 25 05:33:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration



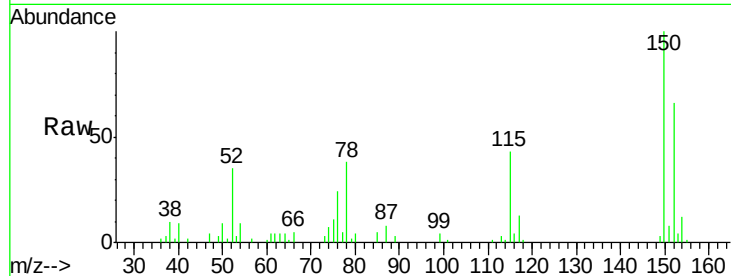


#1

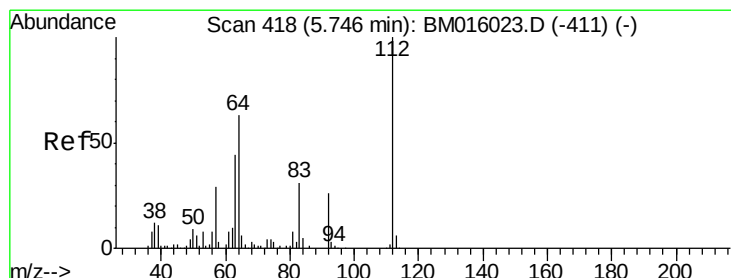
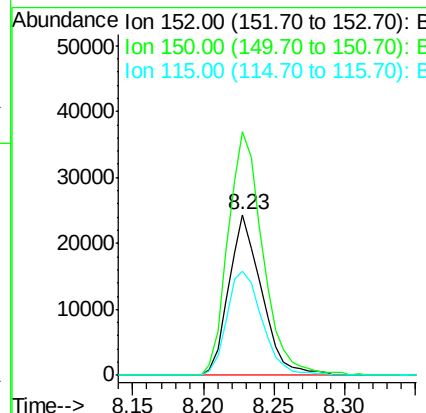
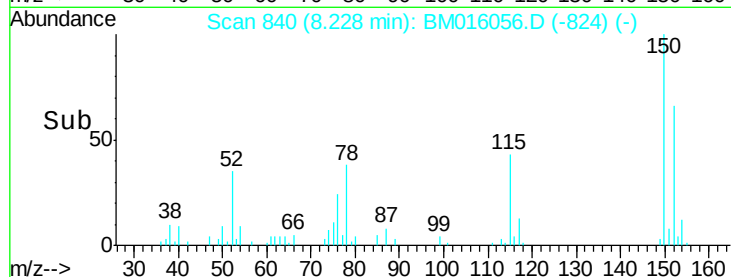
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.23 min Scan# 840
Delta R.T. -0.01 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

Instrument :
BNA_M
ClientSampled :
1535

Tgt Ion:152 Resp: 39464
Ion Ratio Lower Upper
152 100
150 151.4 119.5 179.3
115 64.8 43.0 64.4#



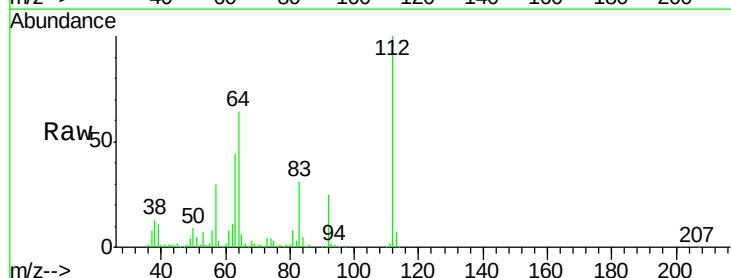
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



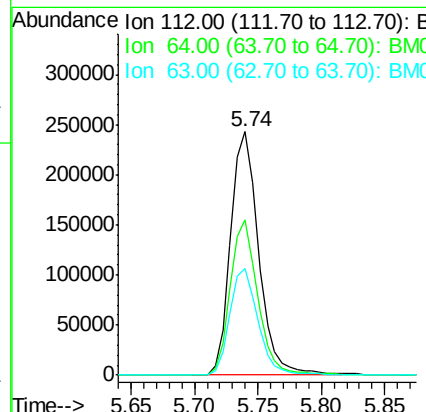
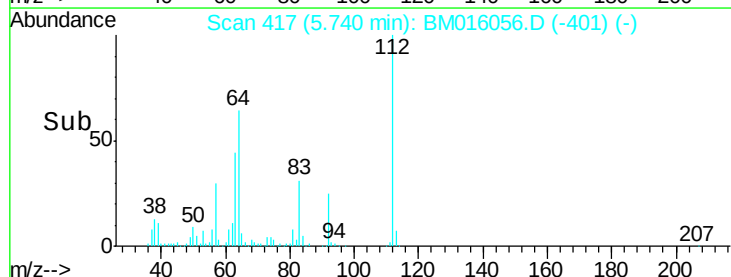
#5

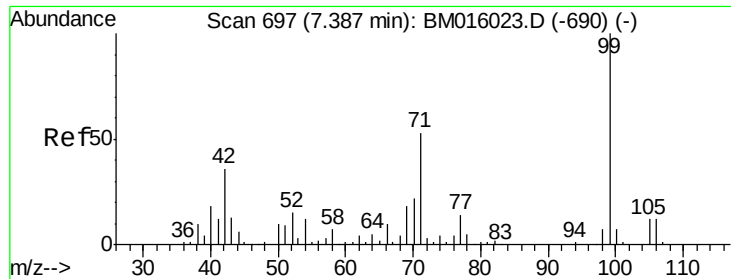
2-Fluorophenol
Concen: N.D. ng
RT: 5.74 min Scan# 417
Delta R.T. -0.01 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

Tgt Ion:112 Resp: 371481
Ion Ratio Lower Upper
112 100
64 63.8 38.6 57.8#
63 43.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.39 min Scan# 697

Delta R.T. -0.00 min

Lab File: BM016056.D

Acq: 24 Jul 2018 15:25

Instrument :

BNA_M

ClientSampled :

1535

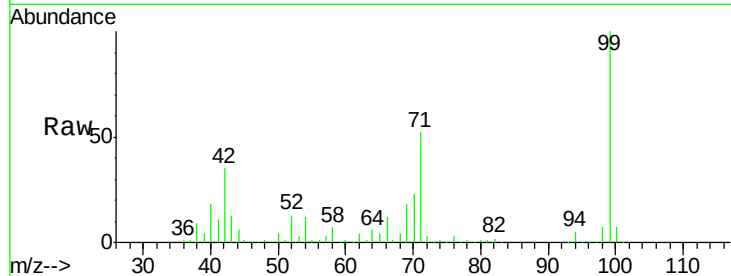
Tgt Ion: 99 Resp: 474584

Ion Ratio Lower Upper

99 100

42 34.7 11.0 16.4#

71 52.0 23.4 35.2#

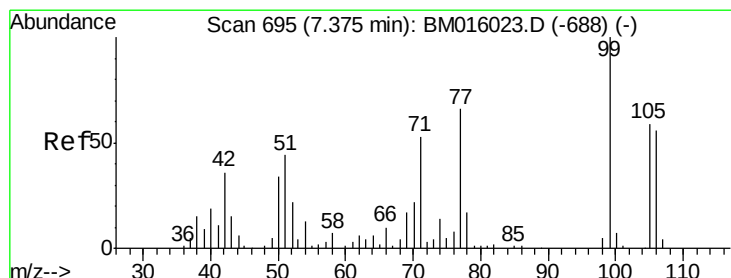
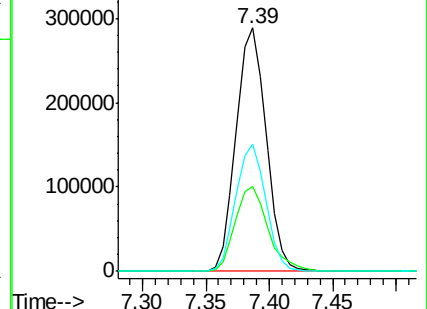
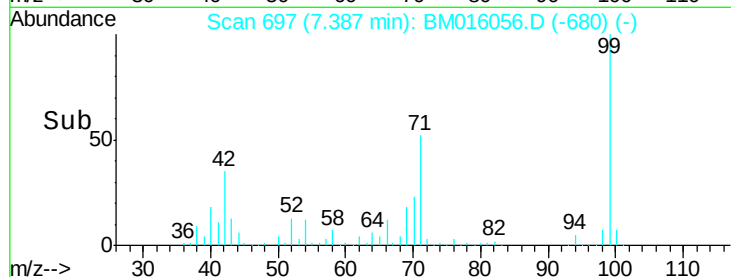


Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)

Time-->



#9

Benzaldehyde

Concen: 4.020 ng

RT: 7.42 min Scan# 702

Delta R.T. 0.04 min

Lab File: BM016056.D

Acq: 24 Jul 2018 15:25

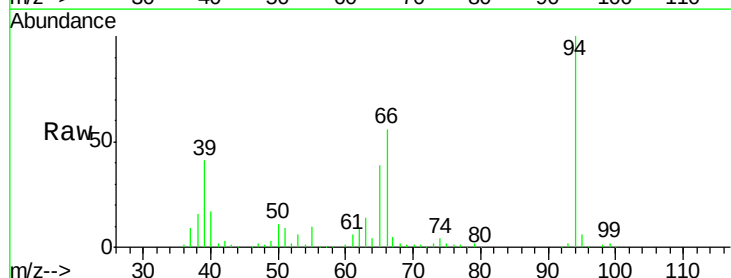
Tgt Ion: 77 Resp: 8762

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

106 0.0 73.7 113.7#

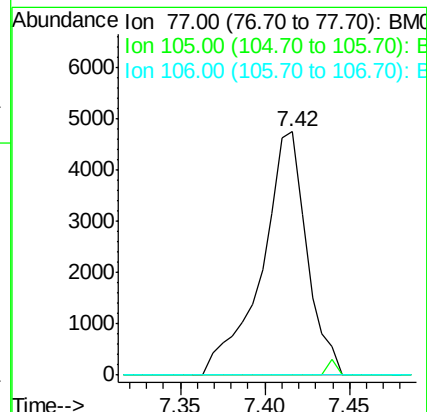
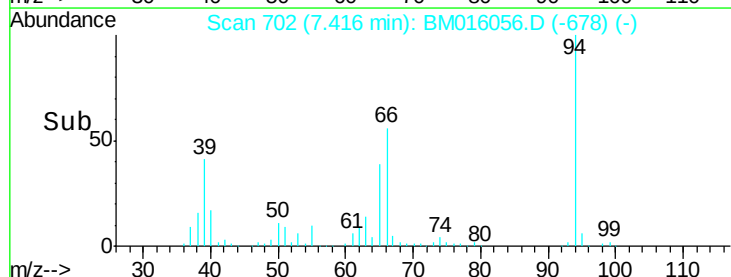


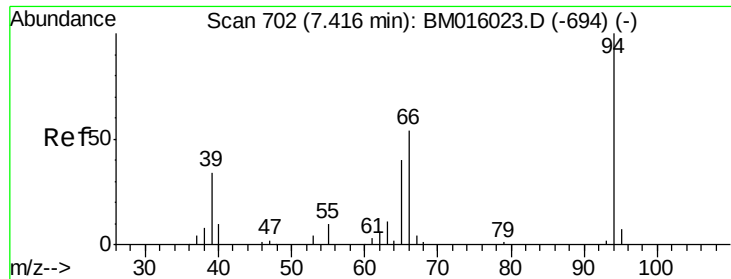
Abundance Ion 77.00 (76.70 to 77.70): BM016056.D (-678) (-)

Ion 105.00 (104.70 to 105.70): BM016056.D (-678) (-)

Ion 106.00 (105.70 to 106.70): BM016056.D (-678) (-)

Time-->

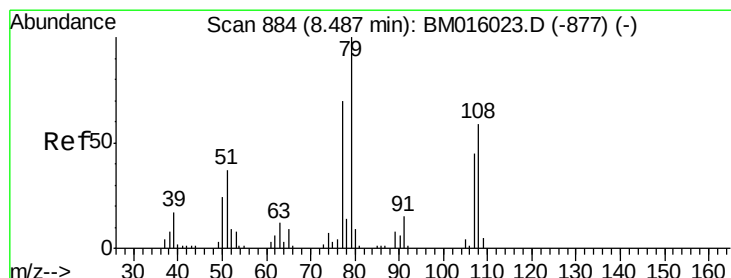
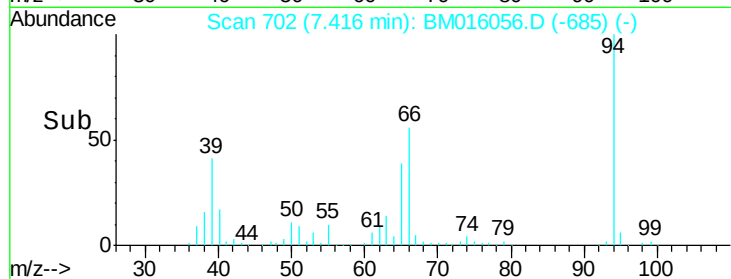
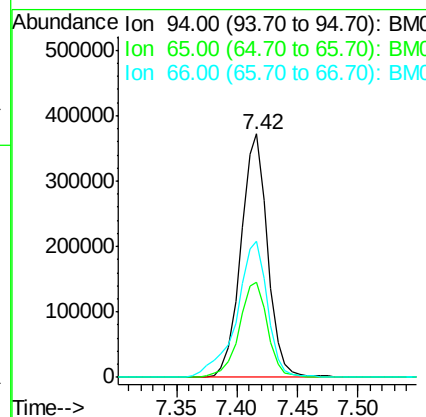
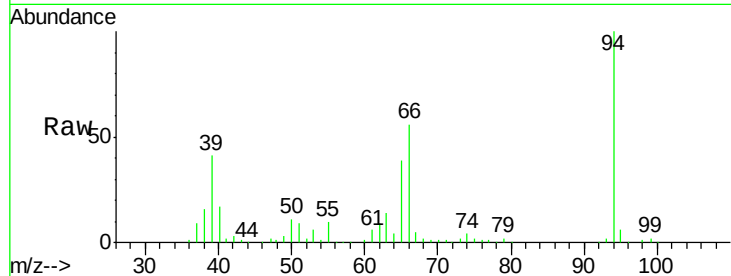




#10
Phenol
Concen: 185.426 ng
RT: 7.42 min Scan# 702
Delta R.T. -0.00 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

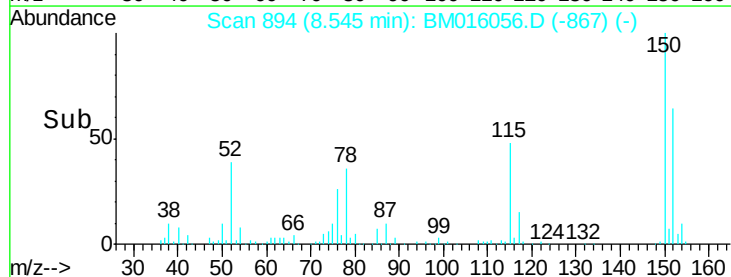
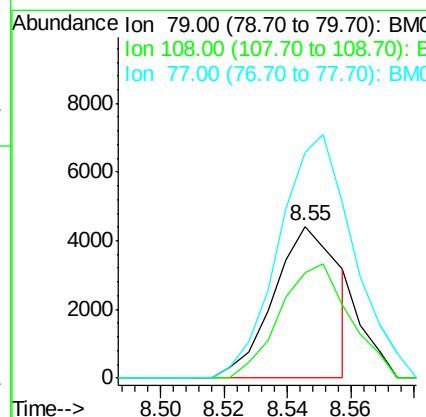
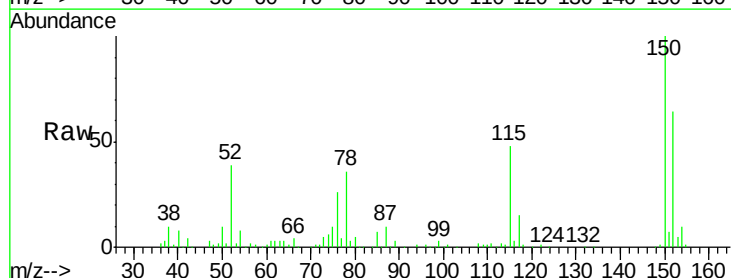
Instrument :
BNA_M
ClientSampleId :
1535

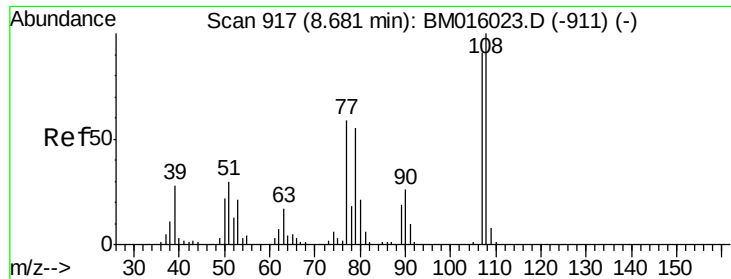
Tgt Ion: 94 Resp: 575261
Ion Ratio Lower Upper
94 100
65 39.3 18.8 58.8
66 56.0 39.9 79.9



#15
Benzyl Alcohol
Concen: 2.549 ng
RT: 8.55 min Scan# 894
Delta R.T. 0.06 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

Tgt Ion: 79 Resp: 6298
Ion Ratio Lower Upper
79 100
108 69.2 65.0 97.4
77 149.0 53.0 79.6#

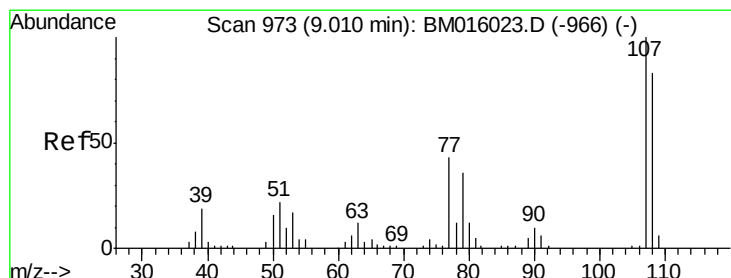
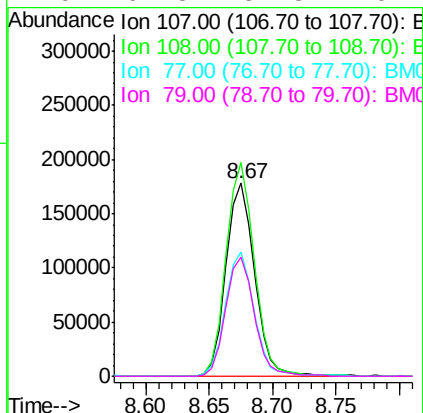
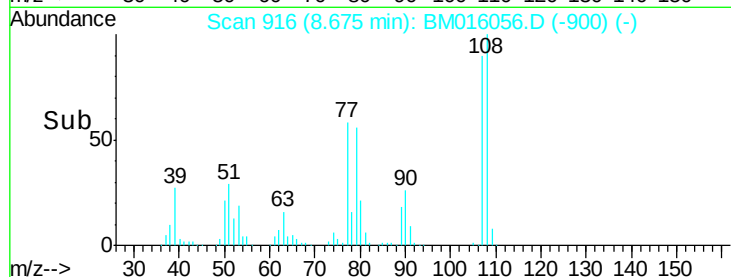
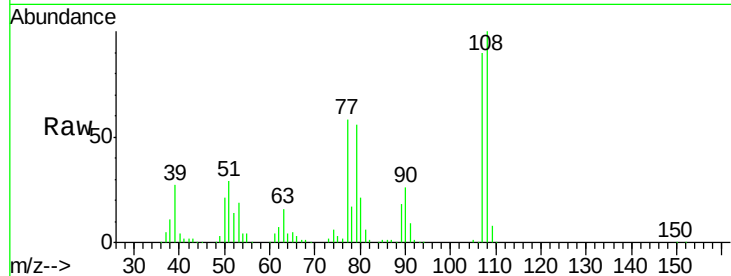




#17
2-Methylphenol
Concen: 131.770 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

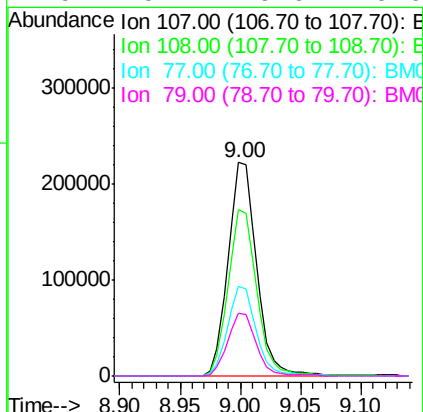
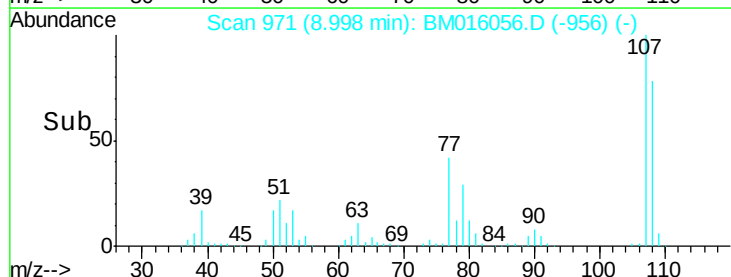
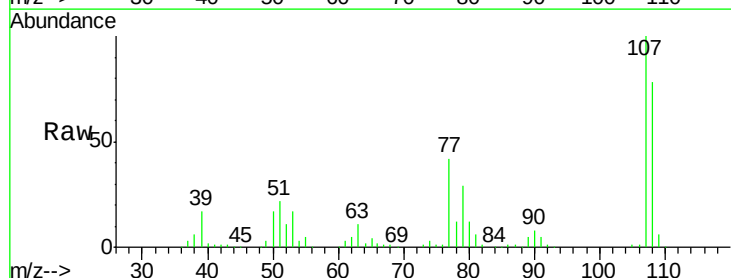
Instrument :
BNA_M
ClientSampleId :
1535

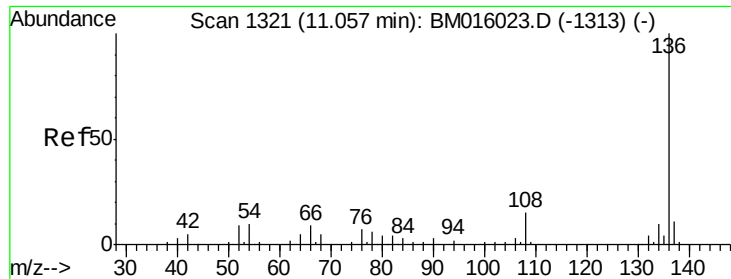
Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.8	89.8	134.8
77	64.5	32.6	48.8#
79	61.8	32.8	49.2#



#20
3+4-Methylphenols
Concen: 121.025 ng
RT: 9.00 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	78.1	73.2	113.2
77	41.8	10.7	50.7
79	29.1	9.6	49.6

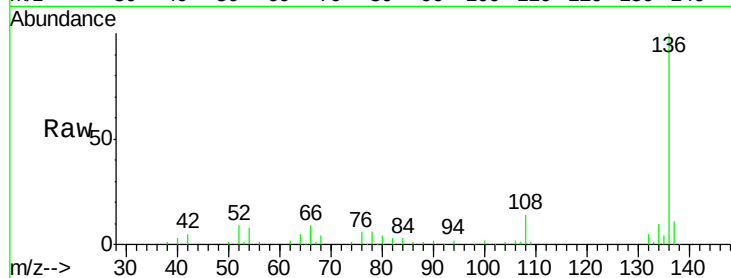




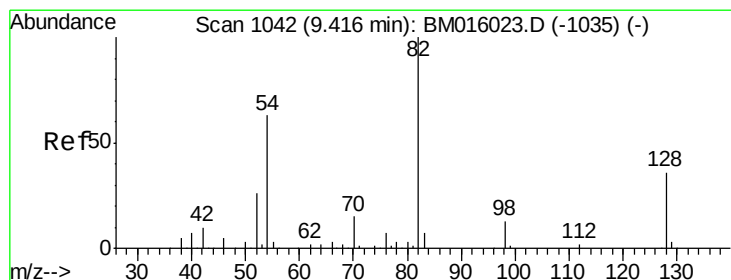
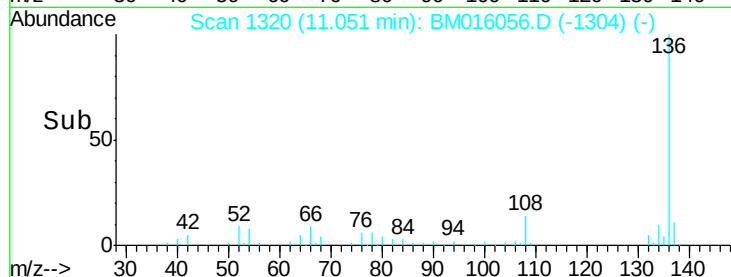
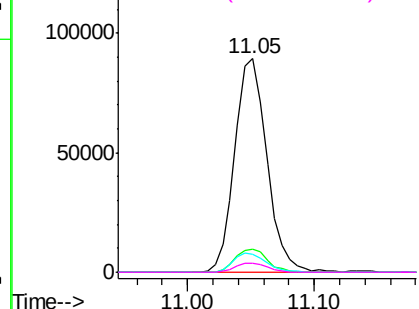
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.05 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

Instrument :
BNA_M
ClientSampled :
1535

Tgt Ion: 136 Resp: 157458
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.4 4.6 6.8#
68 4.1 3.7 5.5

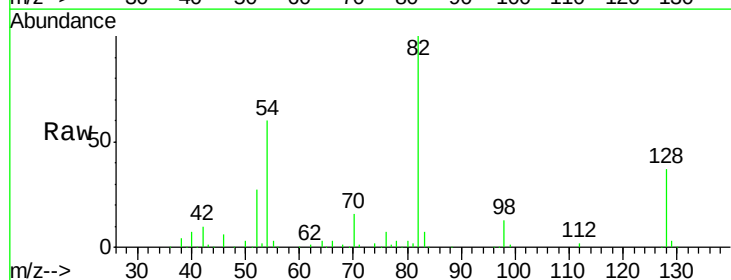


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

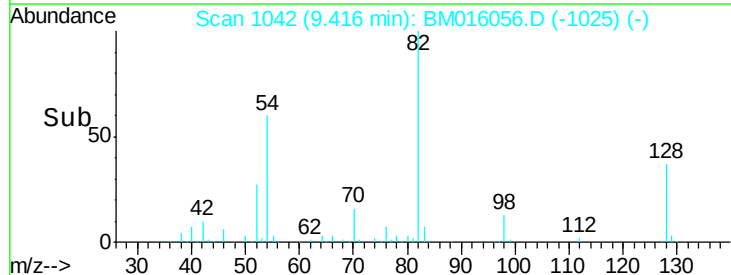
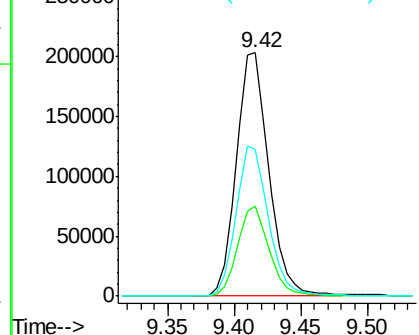


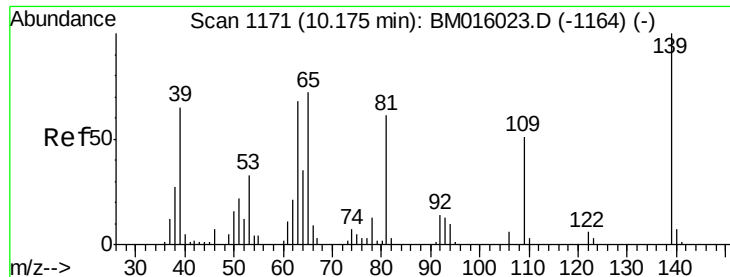
#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.42 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

Tgt Ion: 82 Resp: 344499
Ion Ratio Lower Upper
82 100
128 36.7 32.8 49.2
54 60.2 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

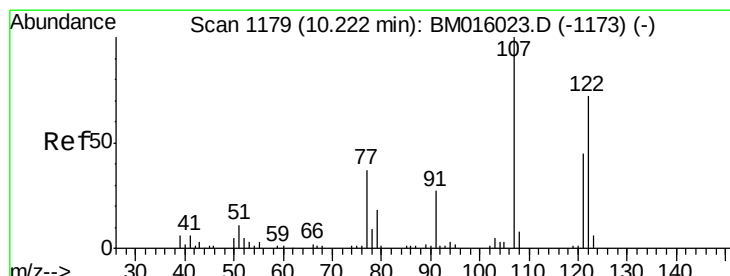
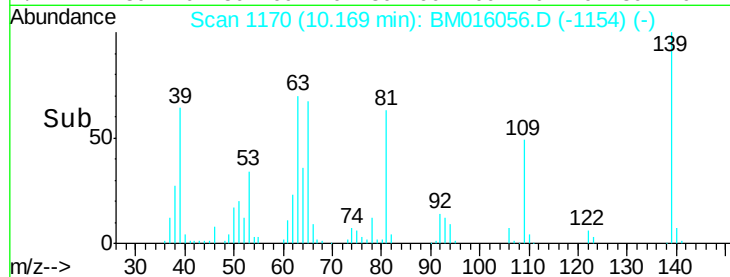
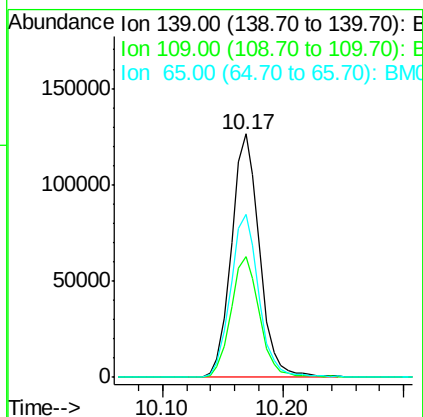
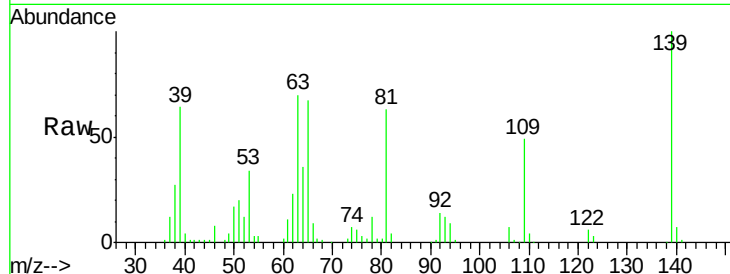




#26
2-Nitrophenol
Concen: 144.204 ng
RT: 10.17 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

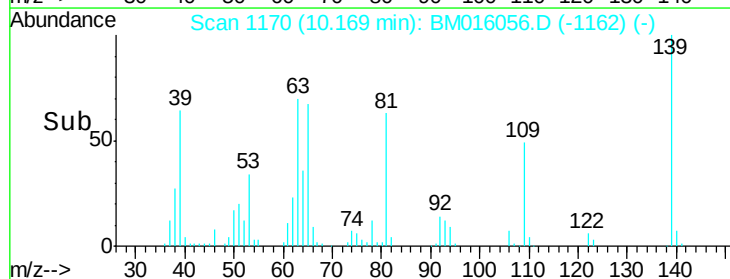
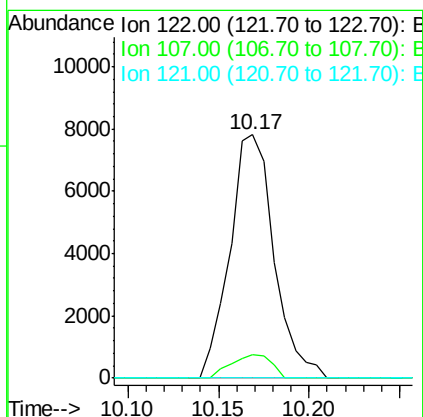
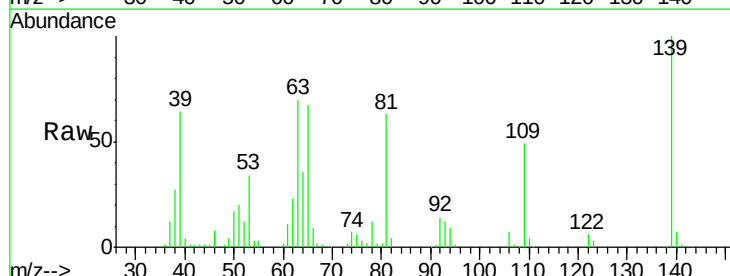
Instrument :
BNA_M
ClientSampled :
1535

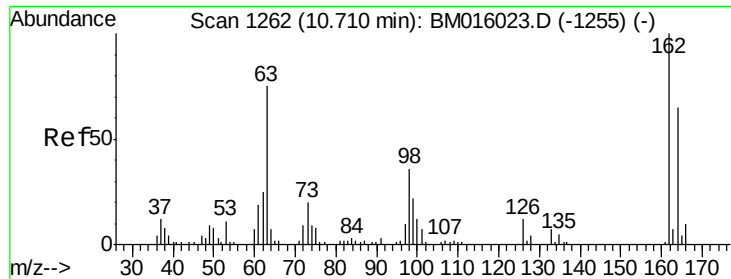
Tgt Ion:139 Resp: 205131
Ion Ratio Lower Upper
139 100
109 49.5 20.1 30.1#
65 66.9 31.5 47.3#



#27
2,4-Dimethylphenol
Concen: 6.686 ng
RT: 10.17 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

Tgt Ion:122 Resp: 13250
Ion Ratio Lower Upper
122 100
107 9.6 84.7 127.1#
121 0.0 46.6 69.8#

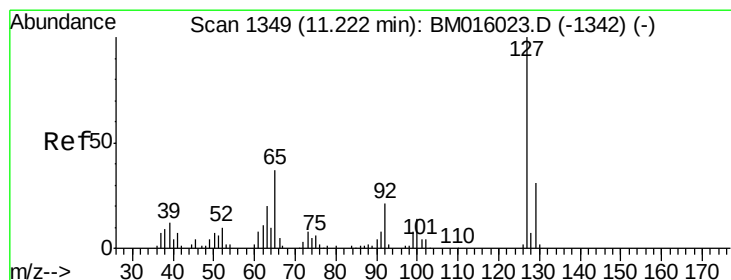
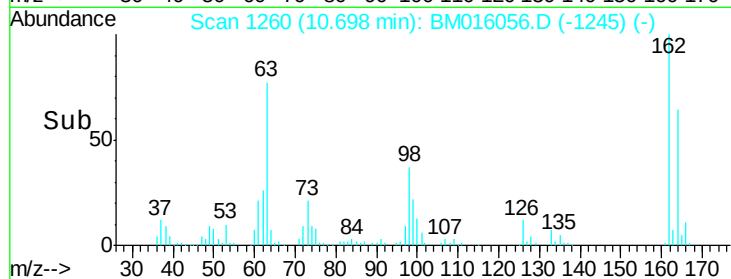
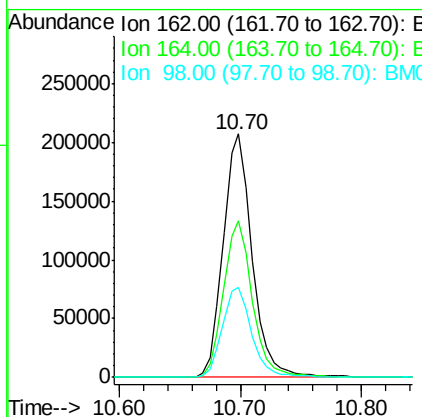
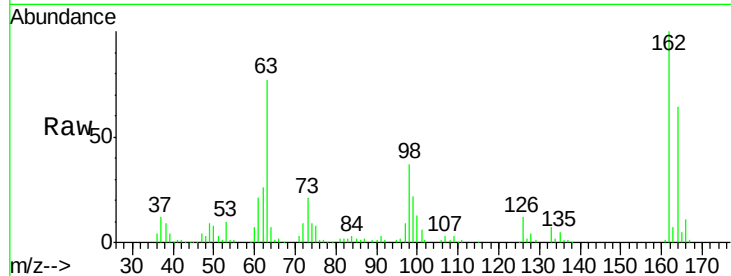




#29
2,4-Dichlorophenol
Concen: 146.360 ng
RT: 10.70 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

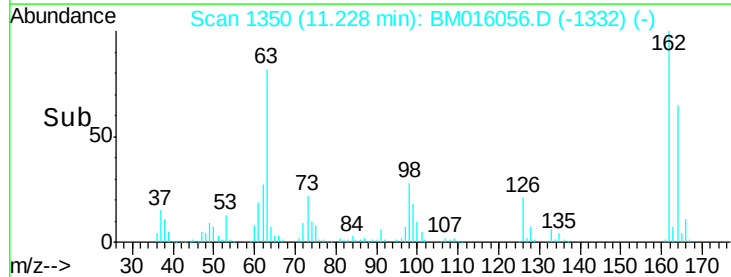
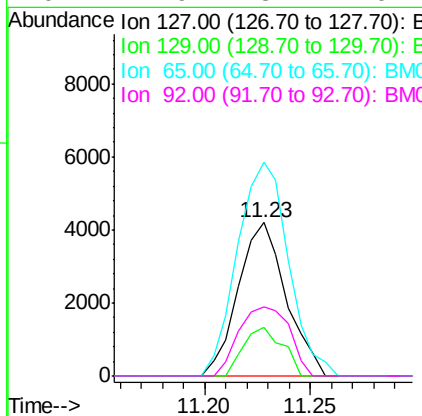
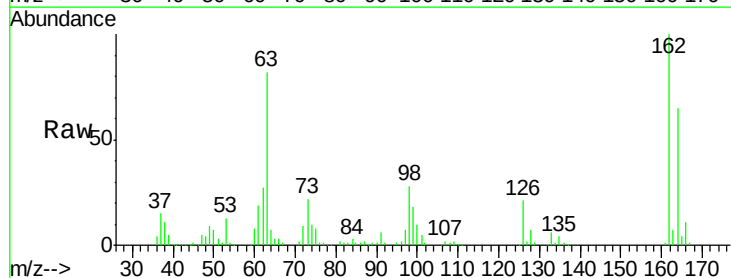
Instrument :
BNA_M
ClientSampleId :
1535

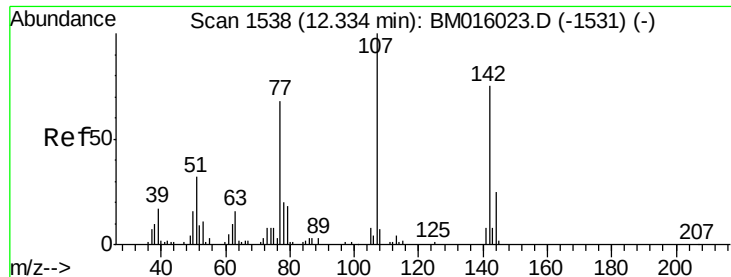
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.8	82.8
98	36.9	14.5	54.5



#33
4-Chloroaniline
Concen: 2.028 ng
RT: 11.23 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.3	37.9
65	139.6	17.6	26.4#
92	44.9	13.1	19.7#

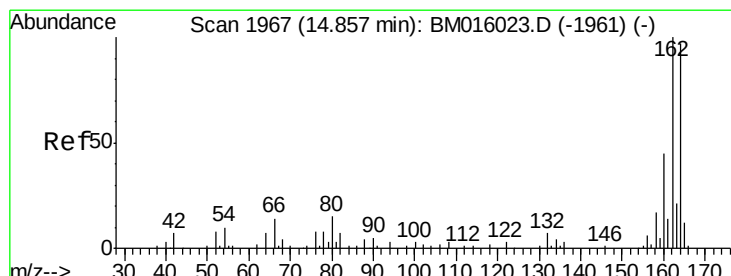
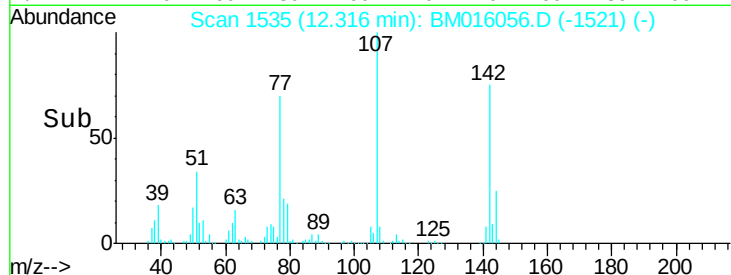
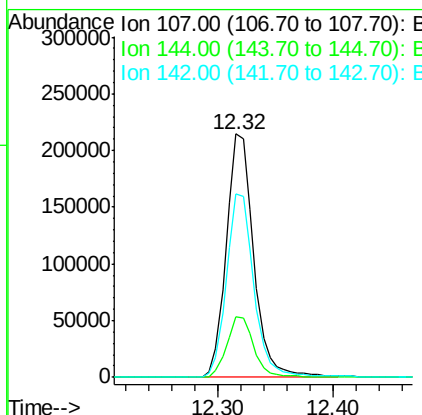
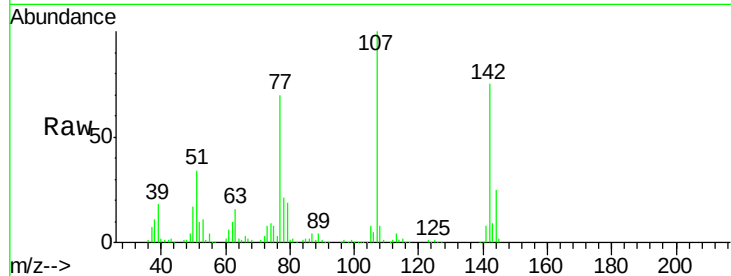




#36
 4-Chloro-3-methylphenol
 Concen: 136.775 ng
 RT: 12.32 min Scan# 1535
 Delta R.T. -0.02 min
 Lab File: BM016056.D
 Acq: 24 Jul 2018 15:25

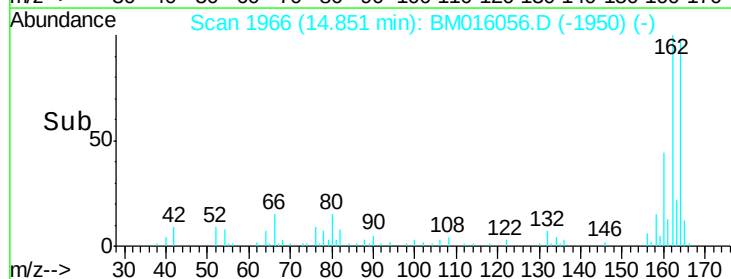
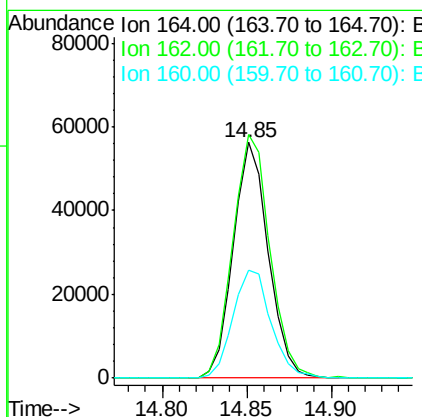
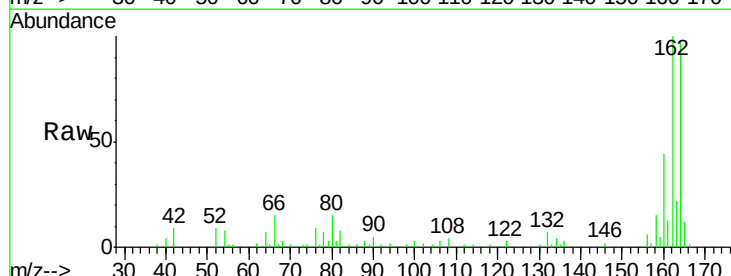
Instrument :
 BNA_M
 ClientSampleId :
 1535

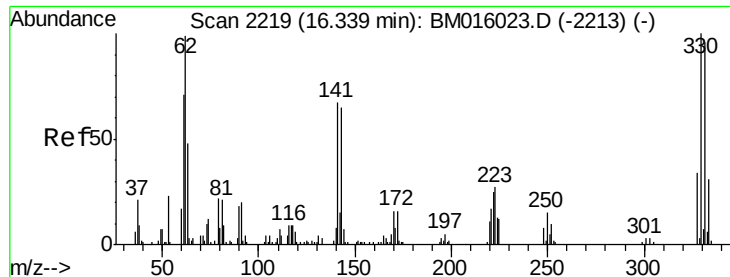
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	23.3	34.9
142	75.3	72.6	109.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.85 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BM016056.D
 Acq: 24 Jul 2018 15:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.4	123.6
160	45.9	35.8	53.6

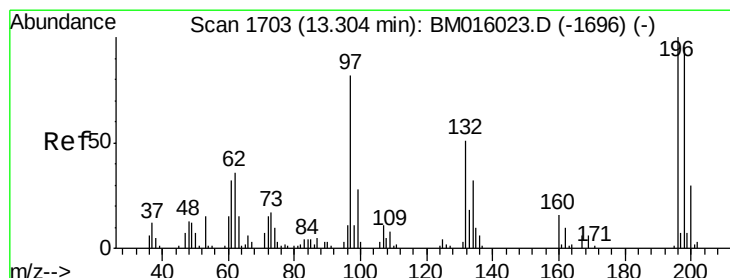
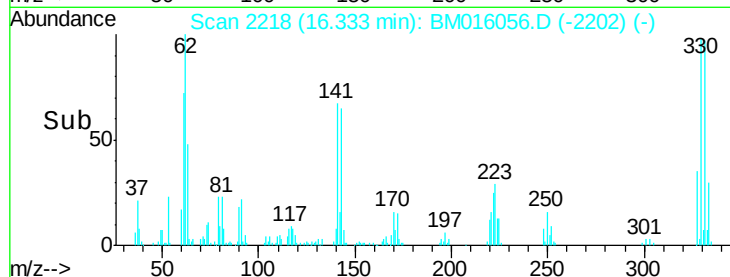
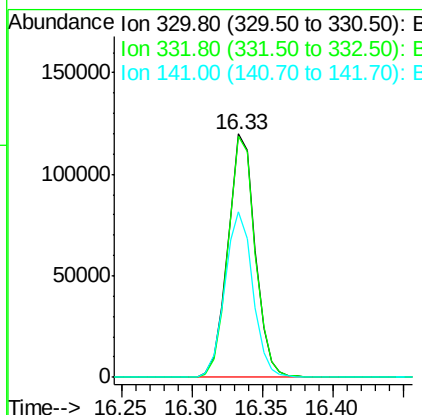
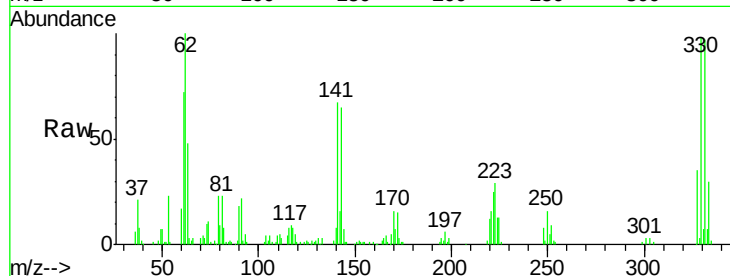




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.33 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BM016056.D
 Acq: 24 Jul 2018 15:25

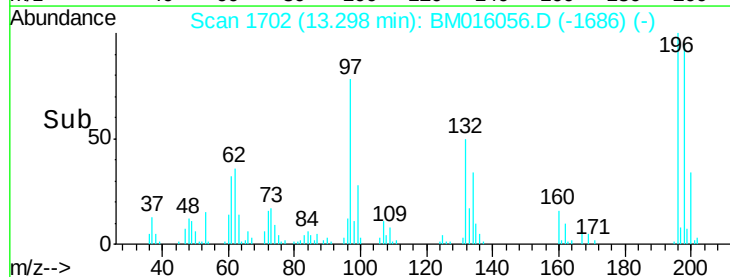
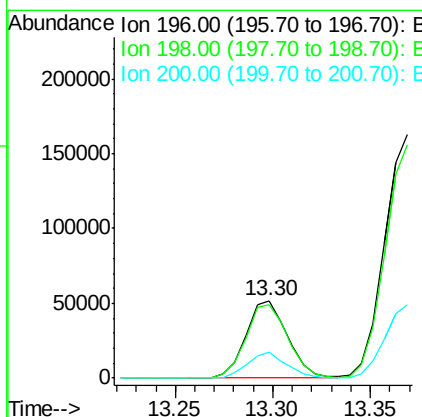
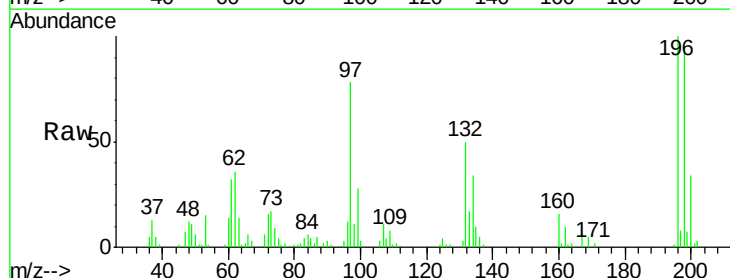
Instrument :
 BNA_M
 ClientSampleId :
 1535

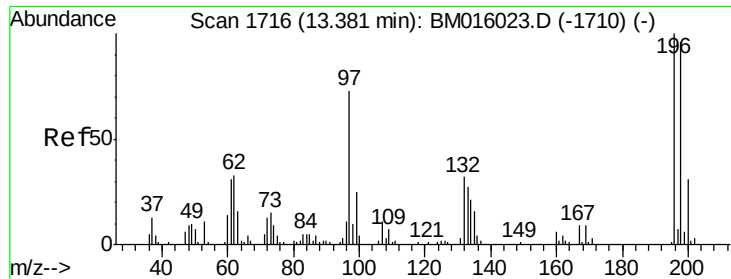
Tgt Ion:330 Resp: 162044
 Ion Ratio Lower Upper
 330 100
 332 98.1 0.0 0.0#
 141 69.0 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 43.972 ng
 RT: 13.30 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BM016056.D
 Acq: 24 Jul 2018 15:25

Tgt Ion:196 Resp: 76333
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.3 114.5
 200 33.7 25.6 38.4

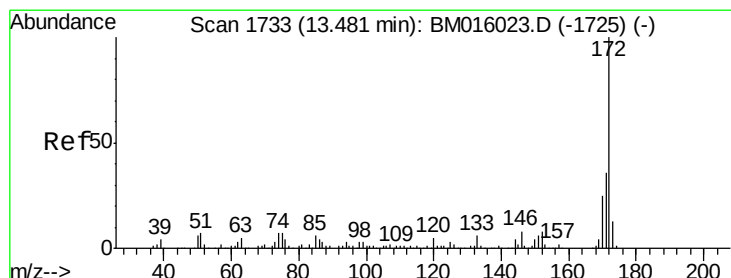
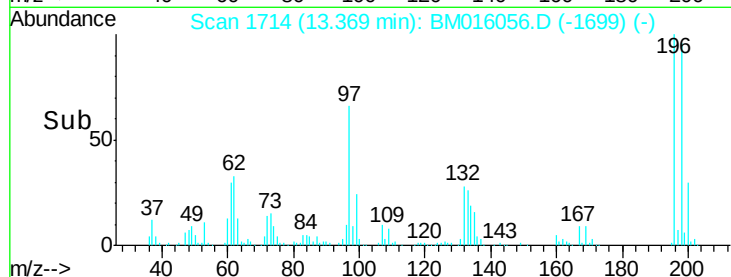
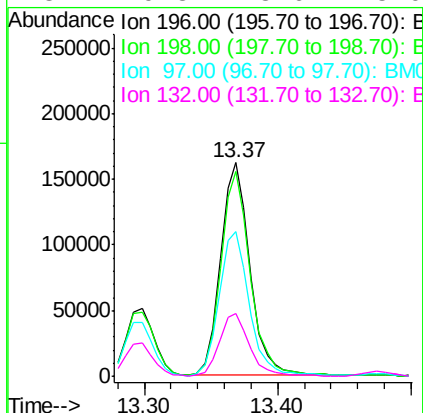
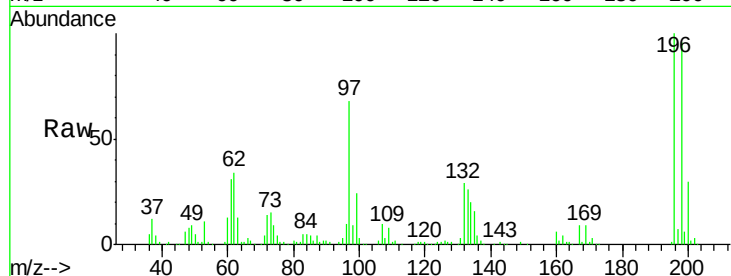




#43
 2,4,5-Trichlorophenol
 Concen: 139.543 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016056.D
 Acq: 24 Jul 2018 15:25

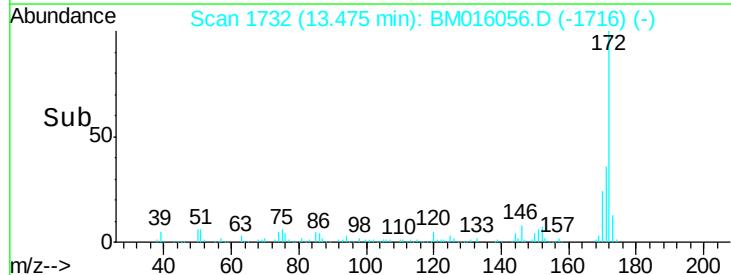
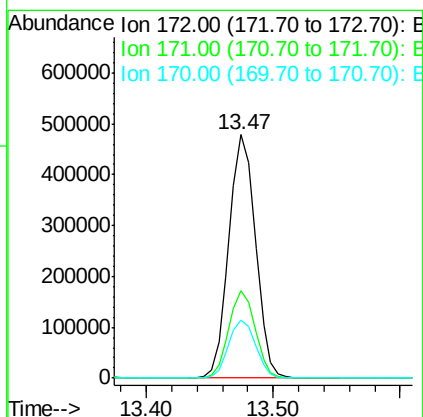
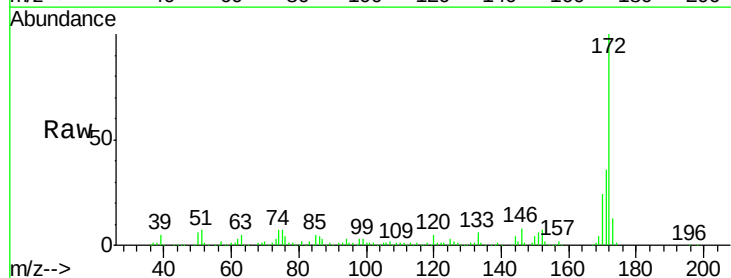
Instrument :
 BNA_M
 ClientSampled :
 1535

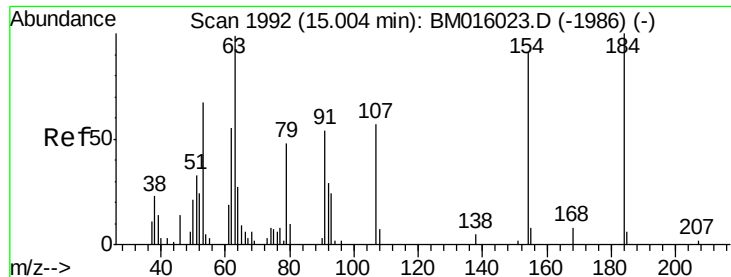
Tgt Ion	Resp	Lower	Upper
196	249868		
198	96.1	79.4	119.0
97	67.9	26.8	40.2
132	29.3	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 139.543 ng
 RT: 13.47 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM016056.D
 Acq: 24 Jul 2018 15:25

Tgt Ion	Resp	Lower	Upper
172	697930		
171	36.0	28.5	42.7
170	23.9	18.8	28.2

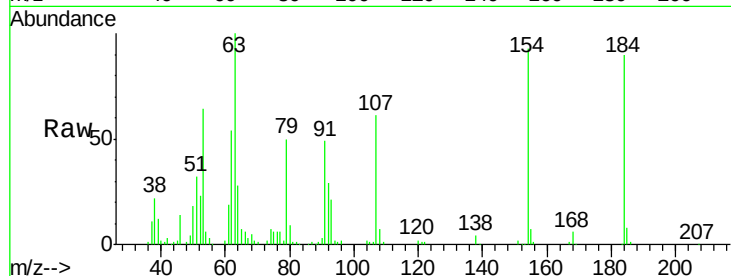




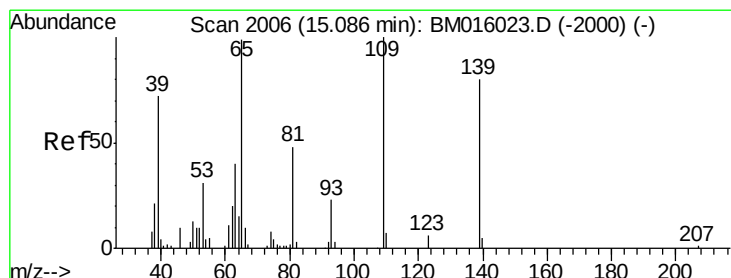
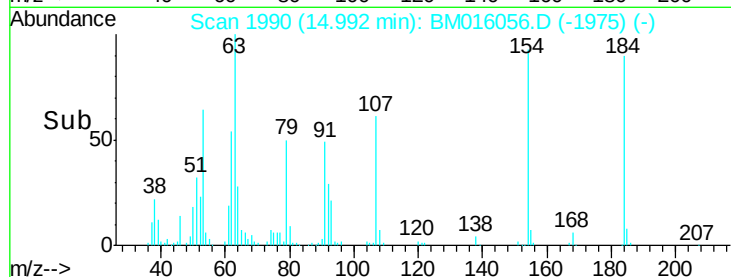
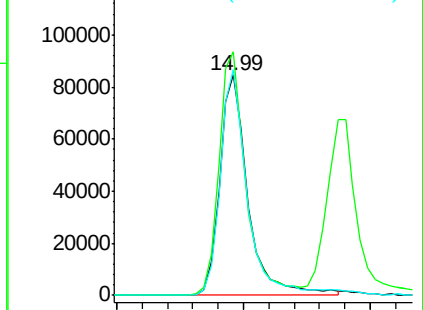
#53
2,4-Dinitrophenol
Concen: 200.895 ng
RT: 14.99 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

Instrument :
BNA_M
ClientSampleId :
1535

Tgt Ion:184 Resp: 129964
Ion Ratio Lower Upper
184 100
63 110.7 69.2 103.8#
154 102.8 53.3 79.9#

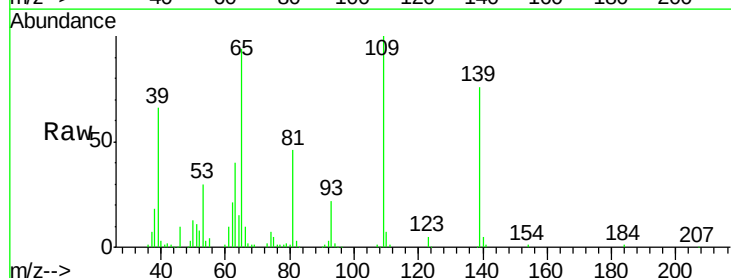


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM016023.D (-1986) (-)
Ion 154.00 (153.70 to 154.70): E

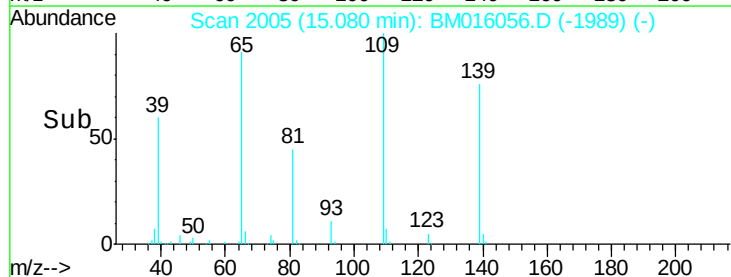
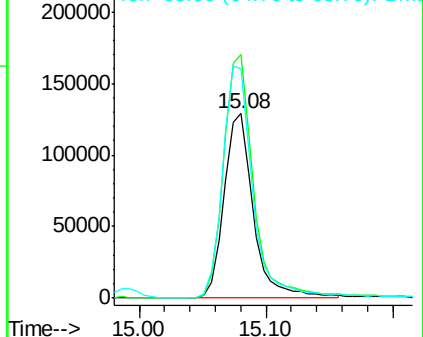


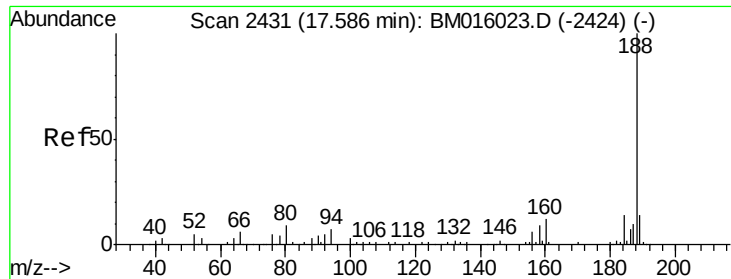
#55
4-Nitrophenol
Concen: 185.799 ng
RT: 15.08 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

Tgt Ion:139 Resp: 206455
Ion Ratio Lower Upper
139 100
109 132.1 130.0 170.0
65 124.5 130.0 170.0#



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): BM016023.D (-2000) (-)

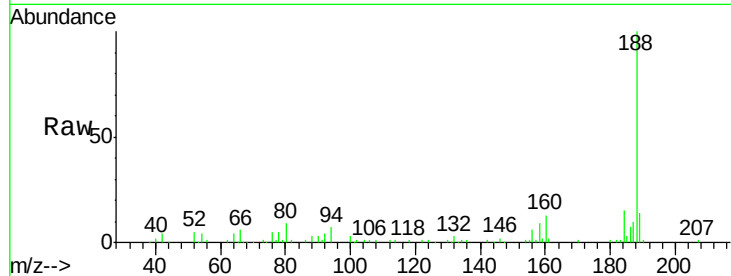




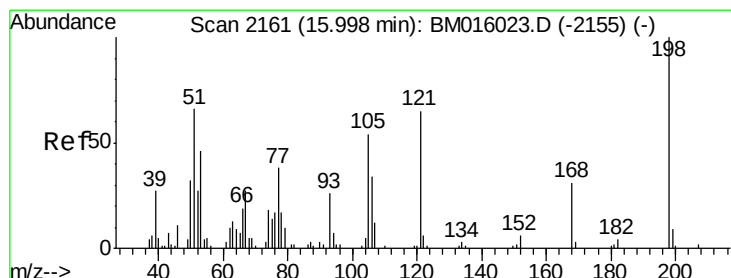
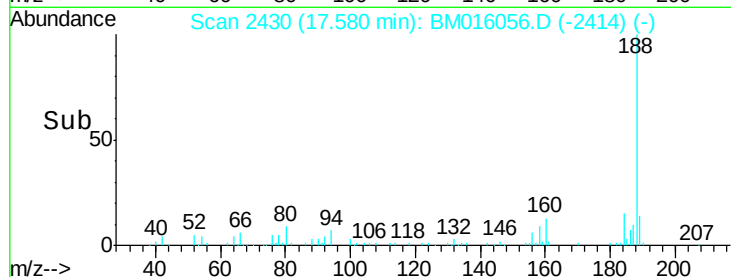
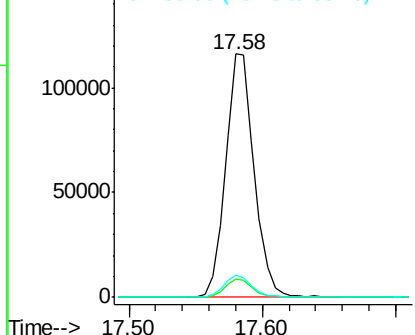
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.58 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

Instrument :
BNA_M
ClientSampleId :
1535

Tgt Ion:188 Resp: 173355
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 8.9 9.3 13.9#

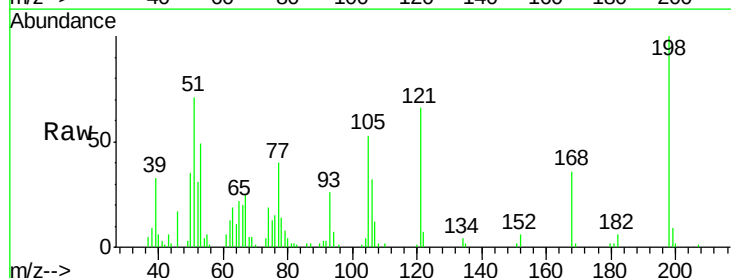


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

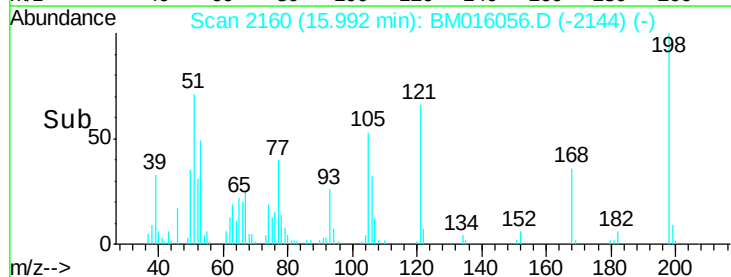
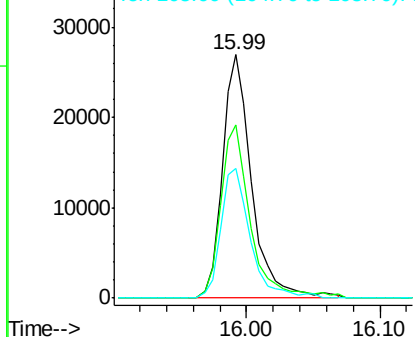


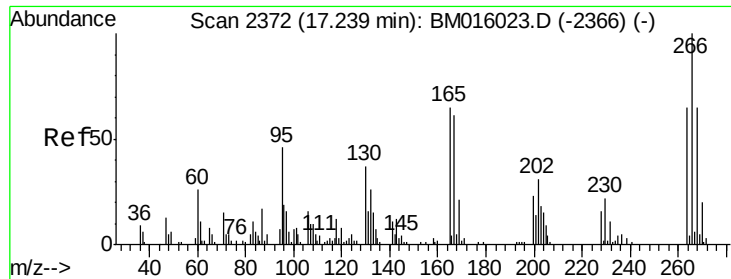
#64
4,6-Dinitro-2-methylphenol
Concen: 39.292 ng
RT: 15.99 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM016056.D
Acq: 24 Jul 2018 15:25

Tgt Ion:198 Resp: 41344
Ion Ratio Lower Upper
198 100
51 71.3 28.8 68.8#
105 53.2 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM0
Ion 105.00 (104.70 to 105.70): E

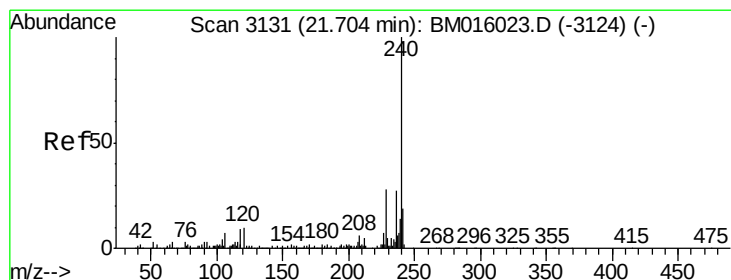
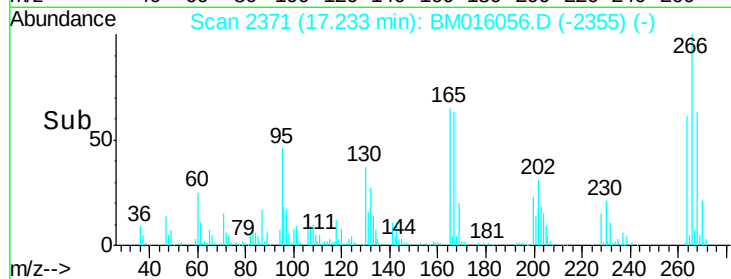
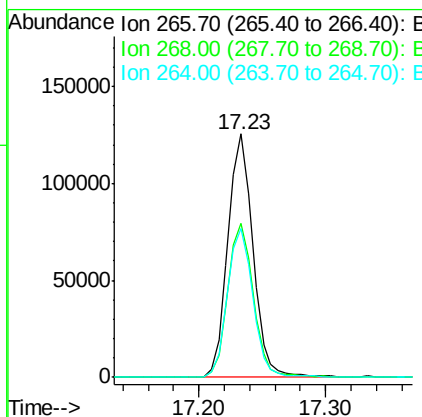
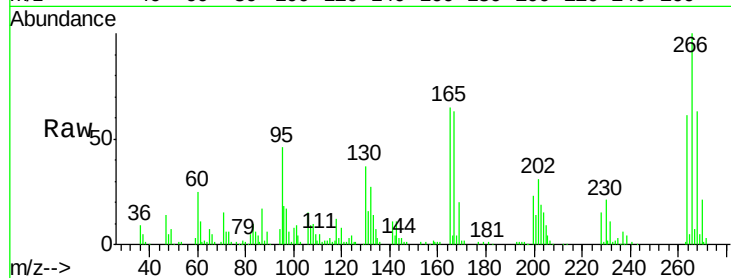




#69
 Pentachlorophenol
 Concen: 128.660 ng
 RT: 17.23 min Scan# 2371
 Delta R.T. -0.01 min
 Lab File: BM016056.D
 Acq: 24 Jul 2018 15:25

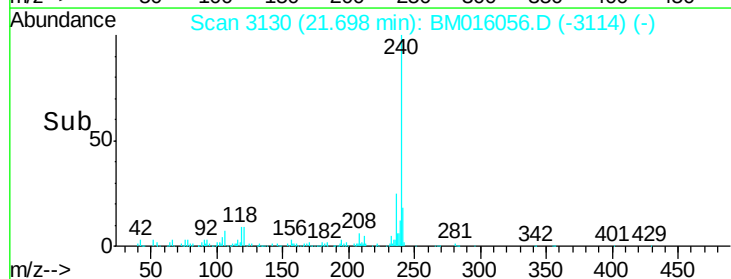
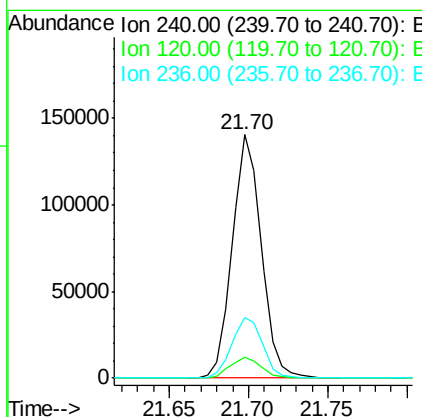
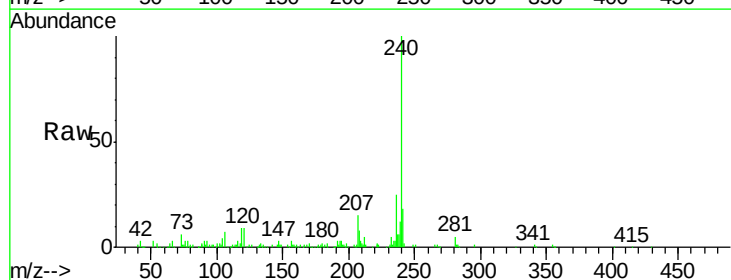
Instrument :
 BNA_M
 ClientSampleId :
 1535

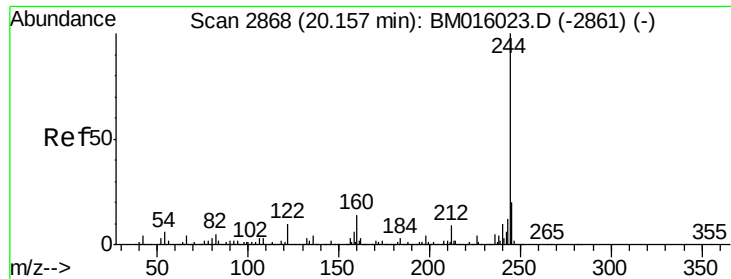
Tgt Ion:266 Resp: 172222
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.0 78.0
 264 61.4 49.0 73.4



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM016056.D
 Acq: 24 Jul 2018 15:25

Tgt Ion:240 Resp: 178238
 Ion Ratio Lower Upper
 240 100
 120 8.8 8.2 12.2
 236 24.8 20.0 30.0





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.15 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BM016056.D

Acq: 24 Jul 2018 15:25

Instrument :

BNA_M

ClientSampleId :

1535

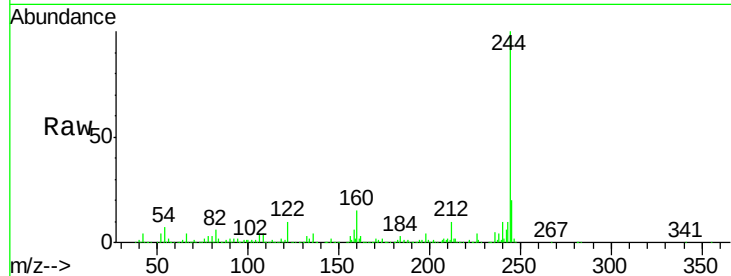
Tgt Ion:244 Resp: 1049759

Ion Ratio Lower Upper

244 100

212 9.8 4.9 7.3#

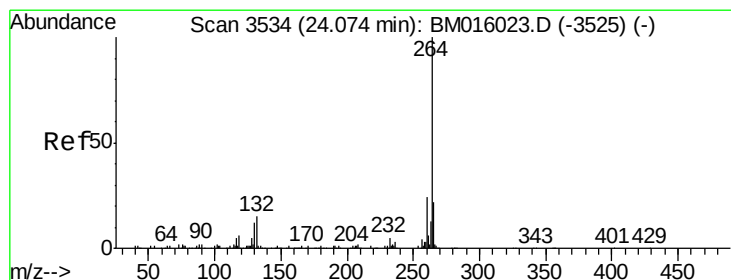
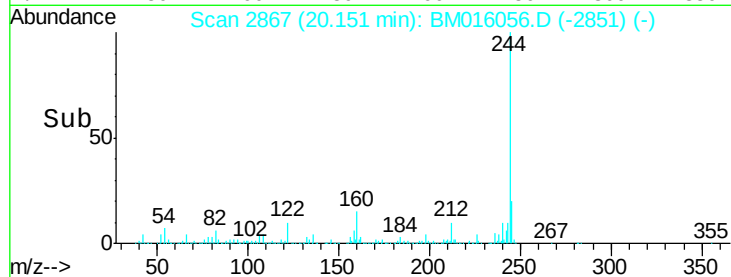
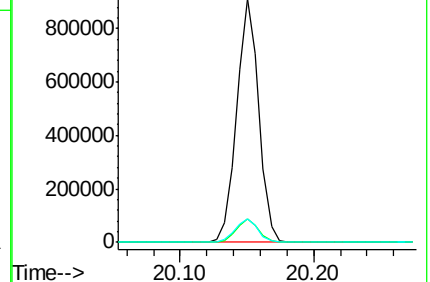
122 9.9 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.07 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BM016056.D

Acq: 24 Jul 2018 15:25

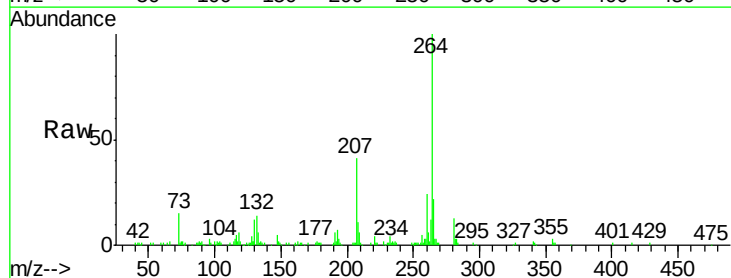
Tgt Ion:264 Resp: 182082

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 22.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

