

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
 Data File : BM014176.D
 Acq On : 08 Feb 2018 00:18
 Operator : SJ/JU
 Sample : J1161-07
 Misc : LOD 1 PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 07:19:59 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

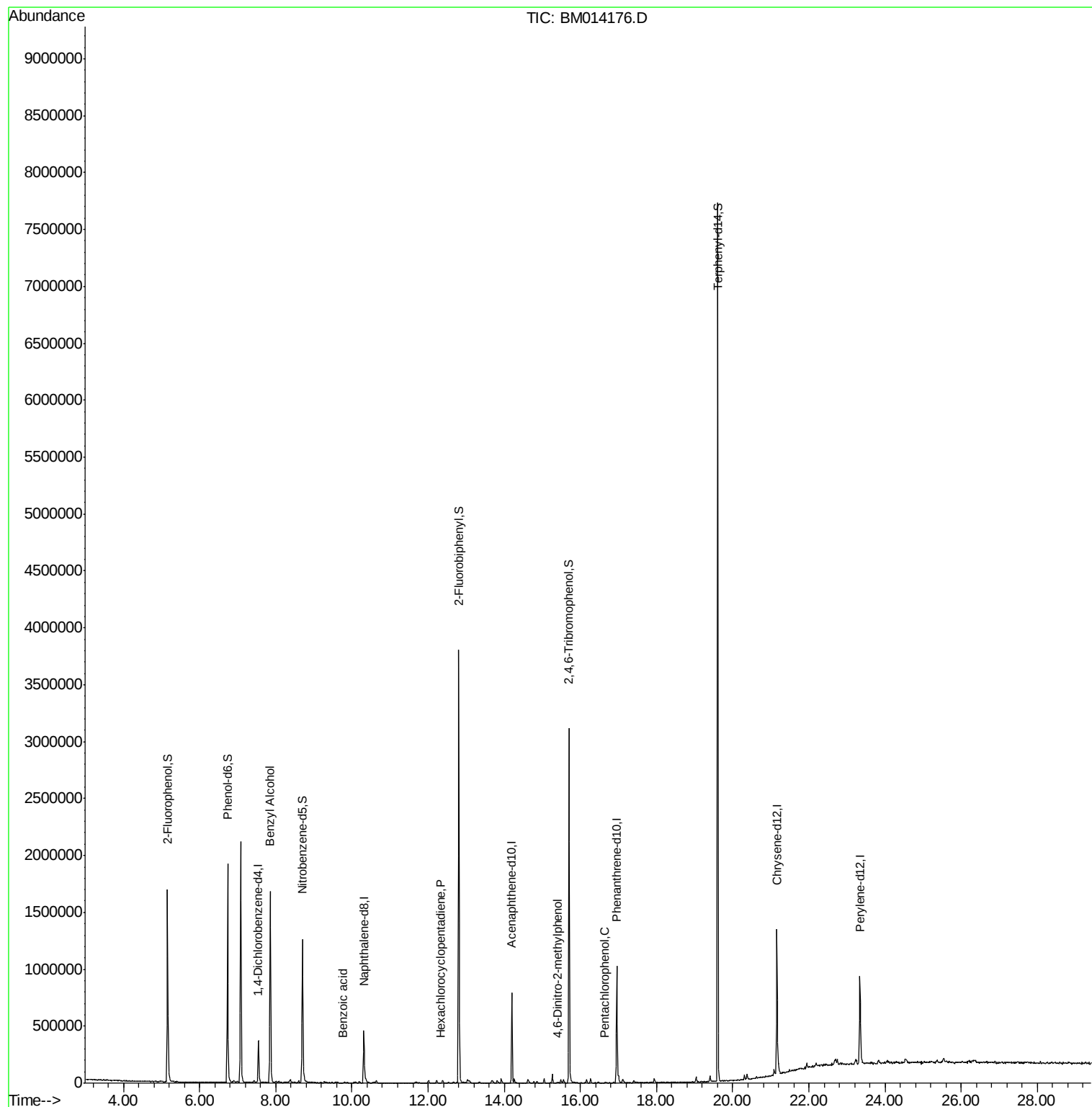
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	81618	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	346751	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	232307	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	554540	20.00	ng	0.00
75) Chrysene-d12	21.16	240	600406	20.00	ng	0.00
86) Perylene-d12	23.34	264	545656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	612281	130.75	ng	0.00
7) Phenol-d6	6.73	99	824687	124.35	ng	0.00
23) Nitrobenzene-d5	8.70	82	711252	91.62	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	422194	128.08	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1633672	87.79	ng	0.00
78) Terphenyl-d14	19.60	244	2659252	86.54	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.86	79	17714	2.88	ng	# 39
32) Benzoic acid	9.76	122	126	6.21	ng	# 1
40) Hexachlorocyclopentadiene	12.33	237	748	6.32	ng	74
64) 4,6-Dinitro-2-methylphenol	15.42	198	413	5.66	ng	# 28
69) Pentachlorophenol	16.64	266	1312	6.19	ng	# 78

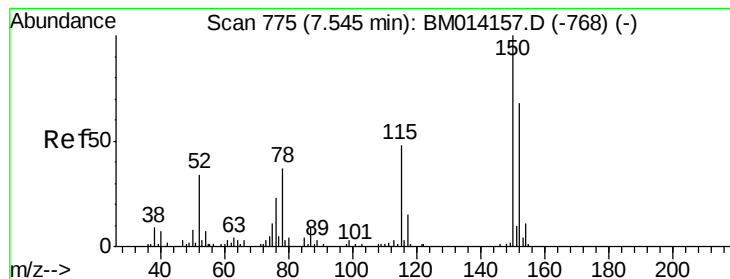
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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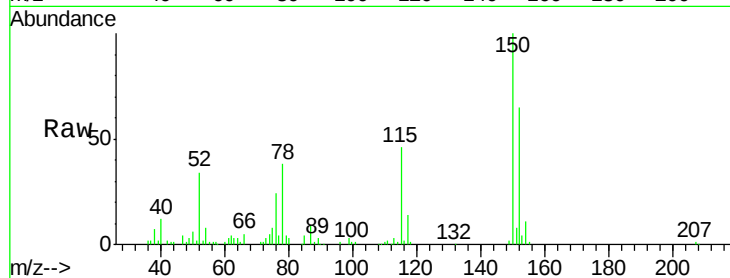


#1

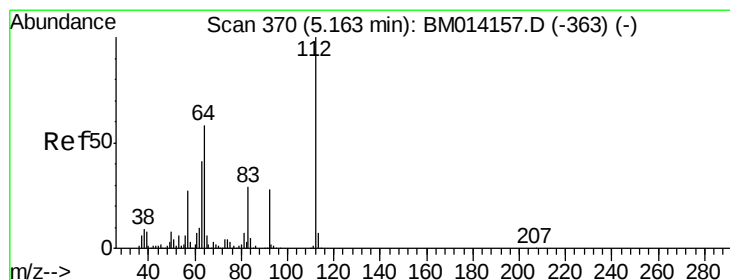
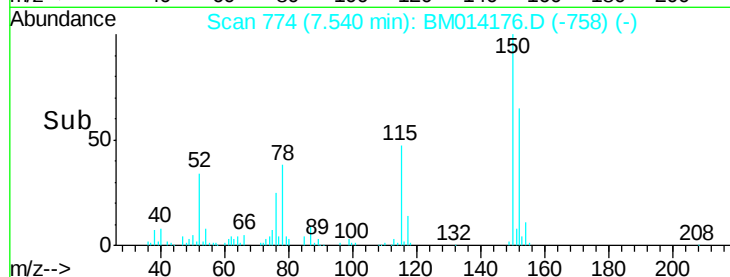
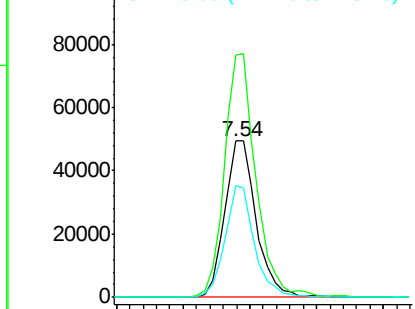
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 81618
Ion Ratio Lower Upper
152 100
150 154.9 119.5 179.3
115 71.8 43.0 64.4#



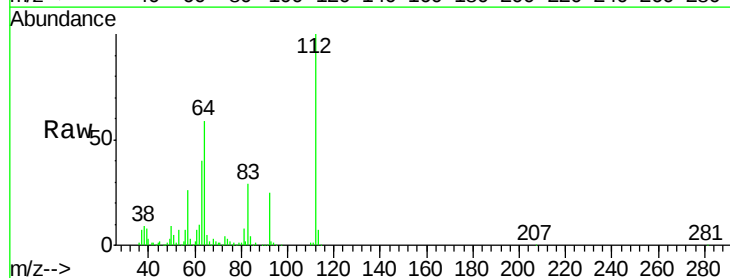
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



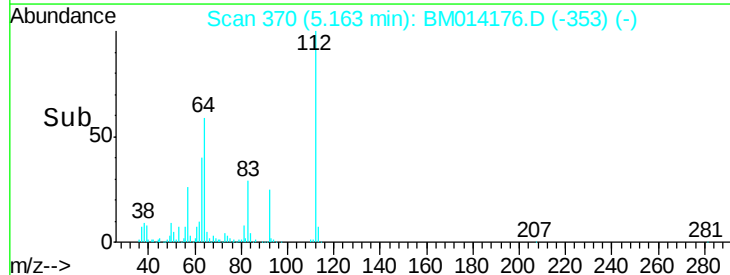
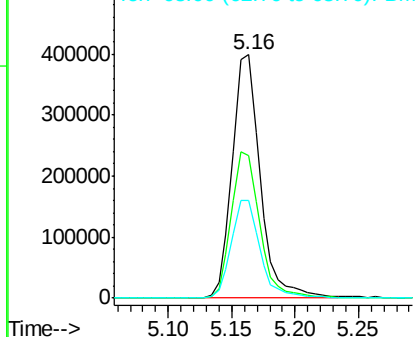
#5

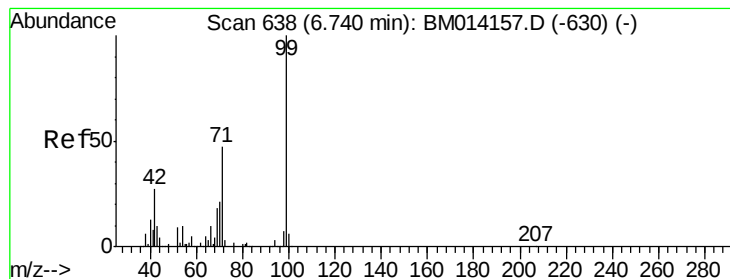
2-Fluorophenol
Concen: 130.75 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Tgt Ion:112 Resp: 612281
Ion Ratio Lower Upper
112 100
64 58.6 38.6 57.8#
63 40.3 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: 124.35 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014176.D

Acq: 08 Feb 2018 00:18

Instrument :

BNA_F

ClientSampleId :

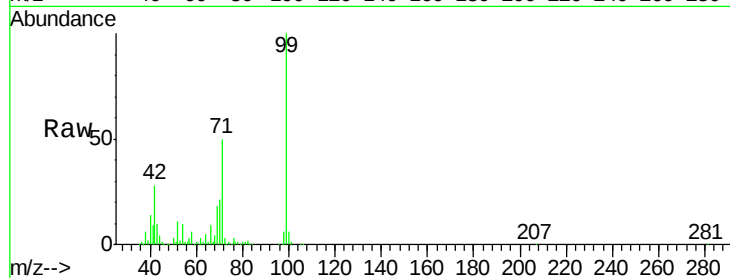
Tot Ion: 99 Resp: 824687

Ion Ratio Lower Upper

99 100

42 28.3 11.0 16.4#

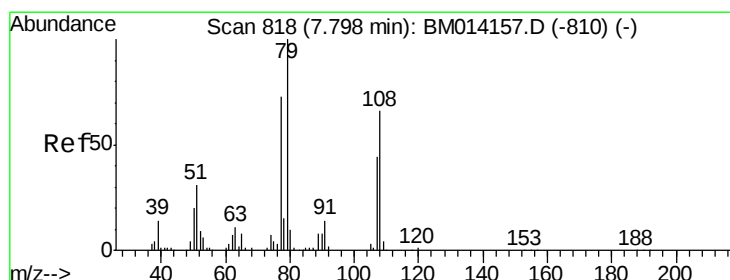
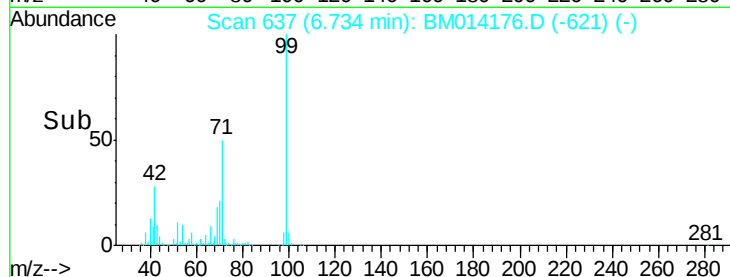
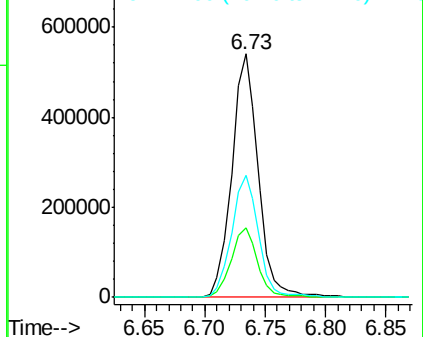
71 50.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014157.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM014157.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM014157.D (-630) (-)



#15

Benzyl Alcohol

Concen: 2.88 ng

RT: 7.86 min Scan# 828

Delta R.T. 0.06 min

Lab File: BM014176.D

Acq: 08 Feb 2018 00:18

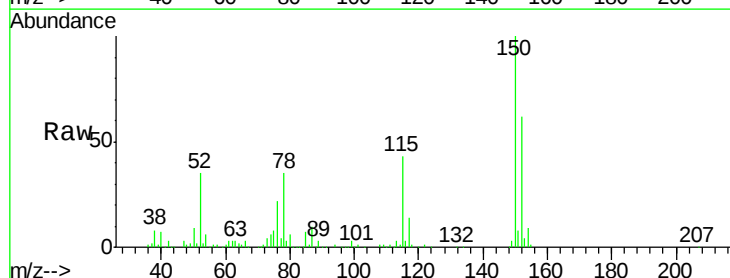
Tgt Ion: 79 Resp: 17714

Ion Ratio Lower Upper

79 100

108 46.7 65.0 97.4#

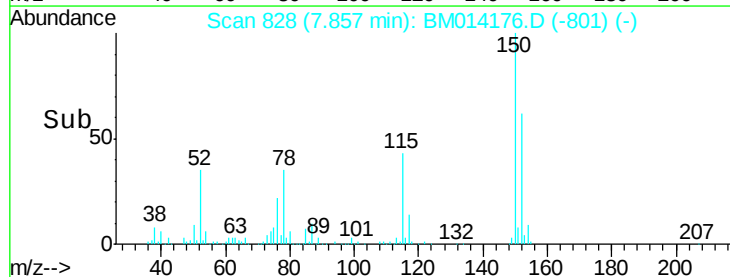
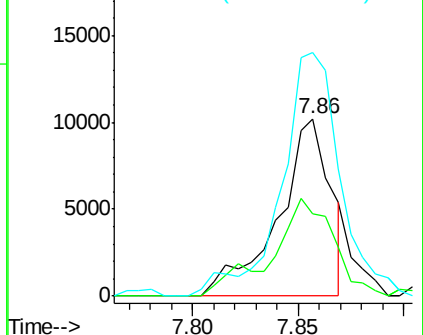
77 137.3 53.0 79.6#

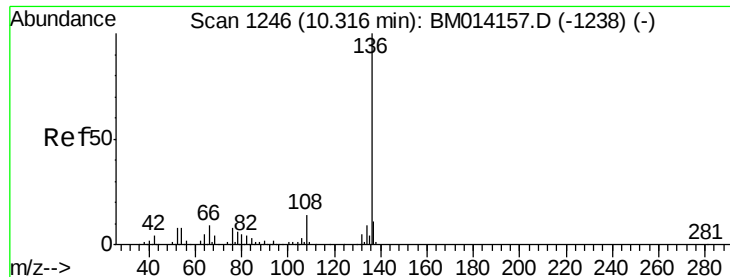


Abundance Ion 79.00 (78.70 to 79.70): BM014157.D (-810) (-)

Ion 108.00 (107.70 to 108.70): BM014157.D (-810) (-)

Ion 77.00 (76.70 to 77.70): BM014157.D (-810) (-)

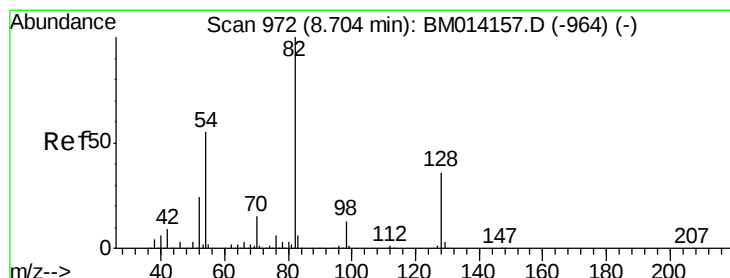
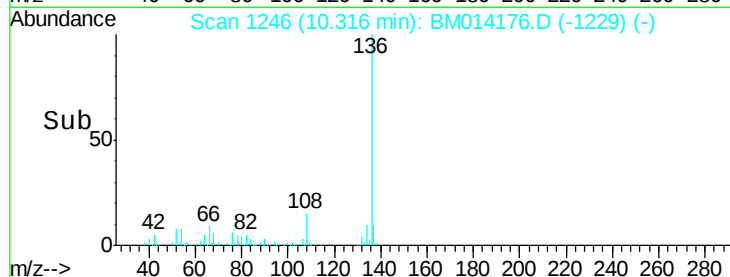
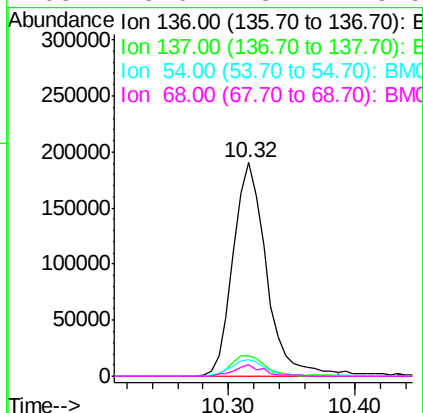
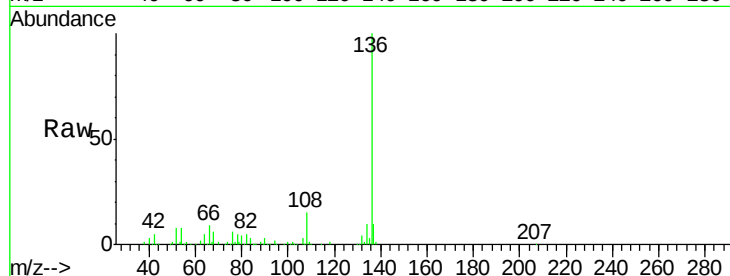




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

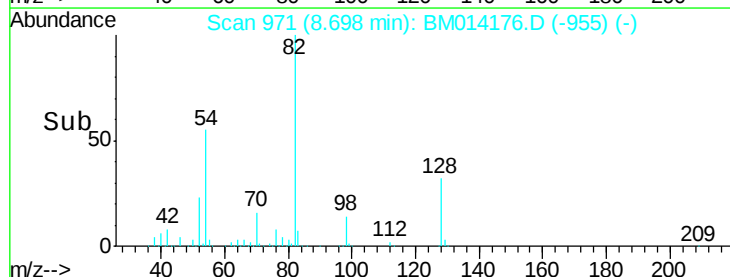
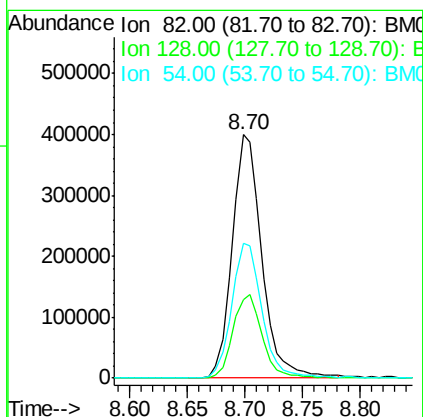
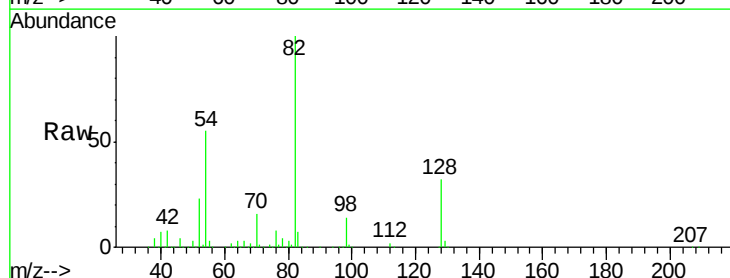
Instrument :
BNA_F
ClientSampled :

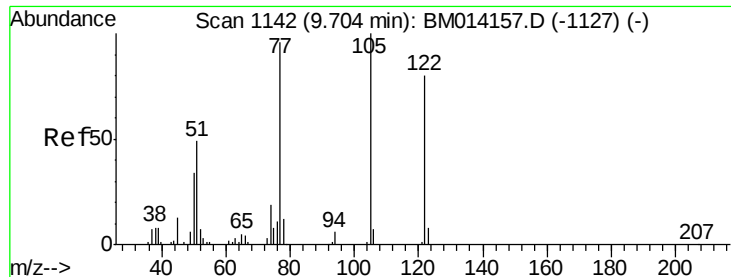
Tot Ion:136	Resp:	346751
Ion Ratio	Lower	Upper
136	100	
137	9.8	8.7 13.1
54	7.8	4.6 6.8#
68	5.6	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 91.62 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Tgt Ion: 82	Resp:	711252
Ion Ratio	Lower	Upper
82	100	
128	32.4	32.8 49.2#
54	55.3	40.6 60.8

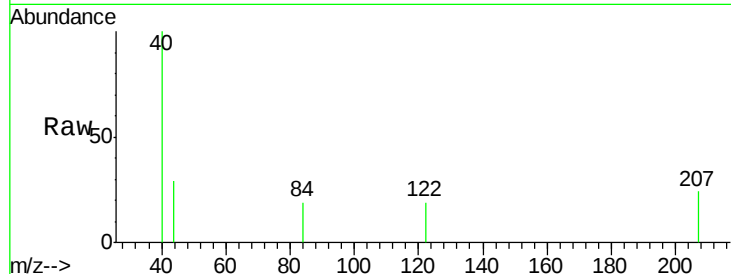




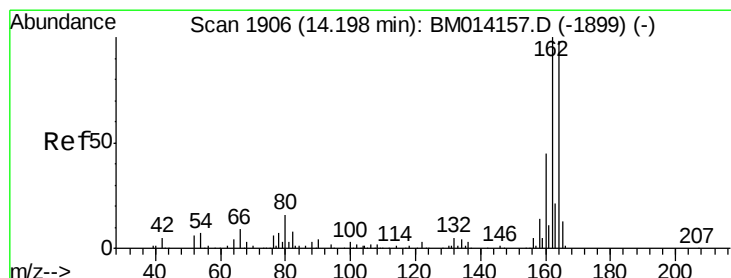
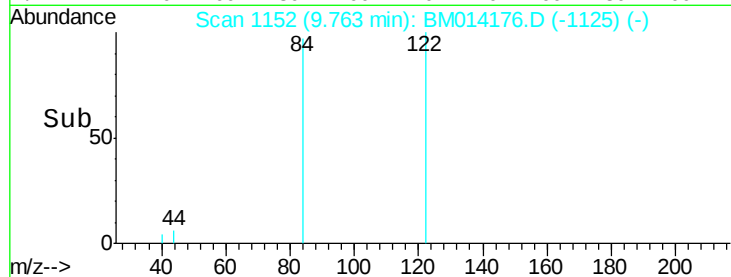
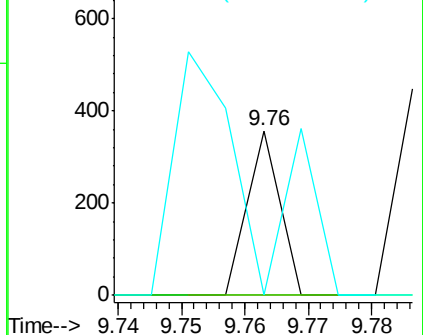
#32
Benzoic acid
Concen: 6.21 ng
RT: 9.76 min Scan# 1152
Delta R.T. 0.06 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.9	139.9#
77	0.0	73.7	113.7#

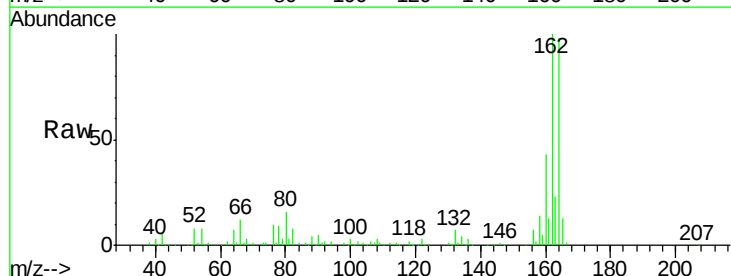


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

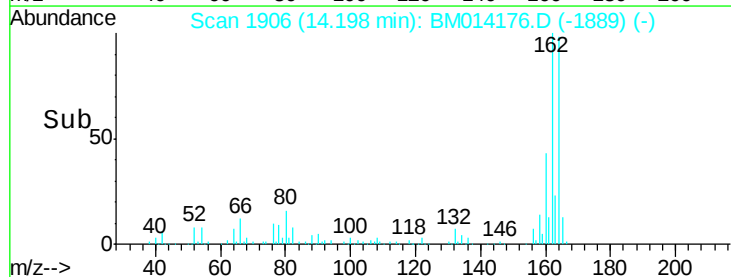
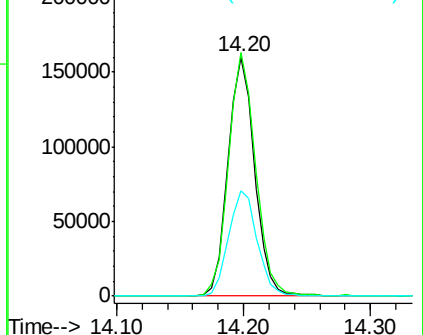


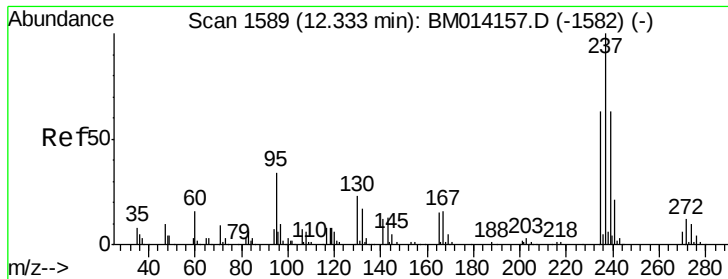
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.4	123.6
160	44.0	35.8	53.6



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

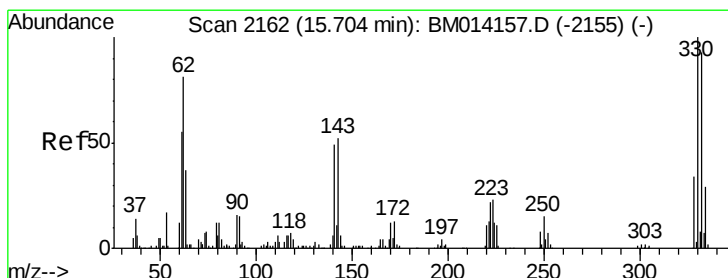
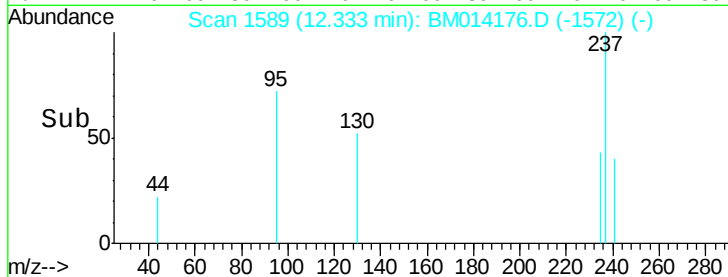
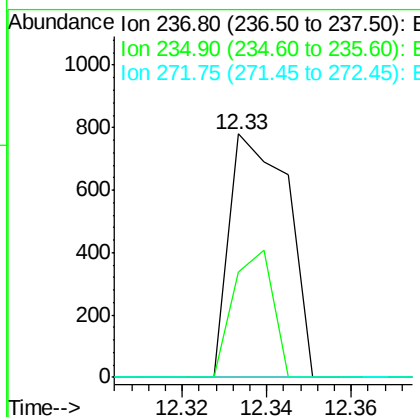
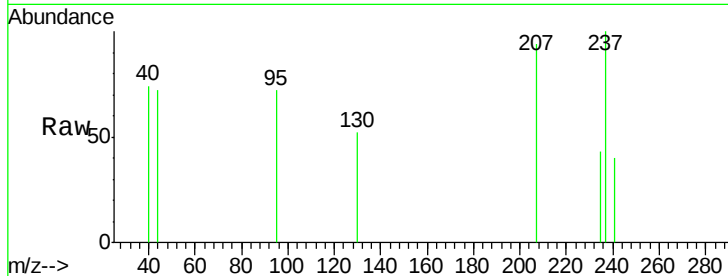




#40
Hexachlorocyclopentadiene
Concen: 6.32 ng
RT: 12.33 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

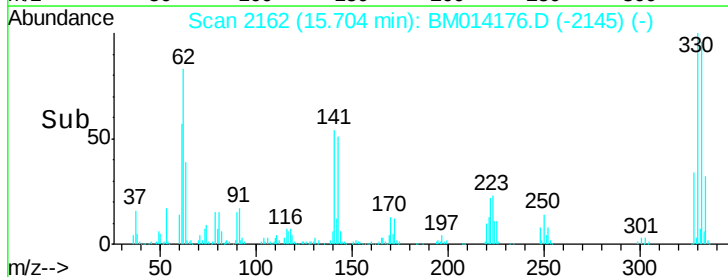
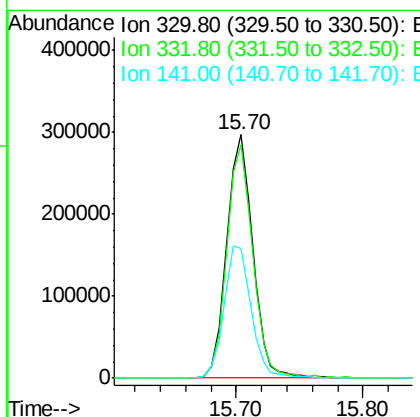
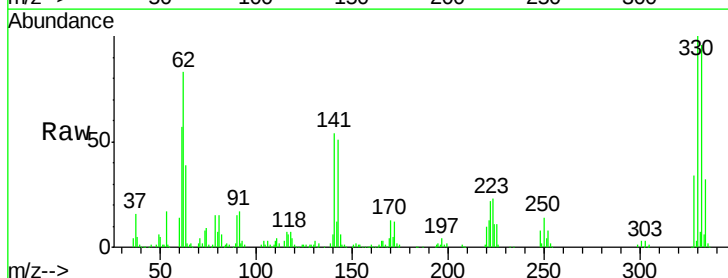
Instrument :
BNA_F
ClientSampleId :

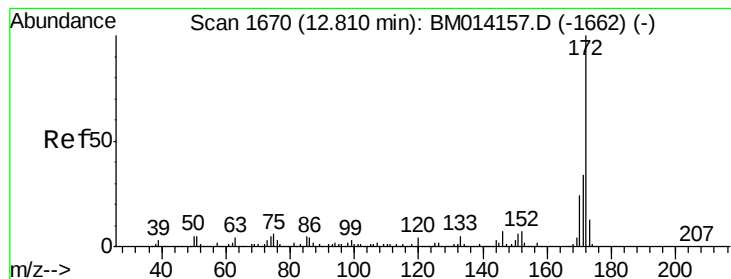
Tot Ion:237 Resp: 748
Ion Ratio Lower Upper
237 100
235 43.2 42.0 82.0
272 0.0 0.0 33.4



#41
2,4,6-Tribromophenol
Concen: 128.08 ng
RT: 15.70 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Tgt Ion:330 Resp: 422194
Ion Ratio Lower Upper
330 100
332 96.0 0.0 0.0#
141 56.6 0.0 0.0#



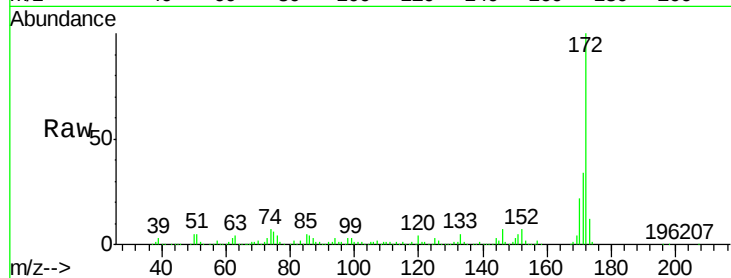


#44
 2-Fluorobiphenyl
 Concen: 87.79 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM014176.D
 Acq: 08 Feb 2018 00:18

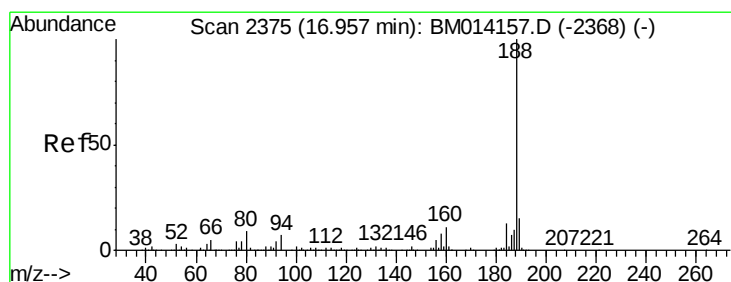
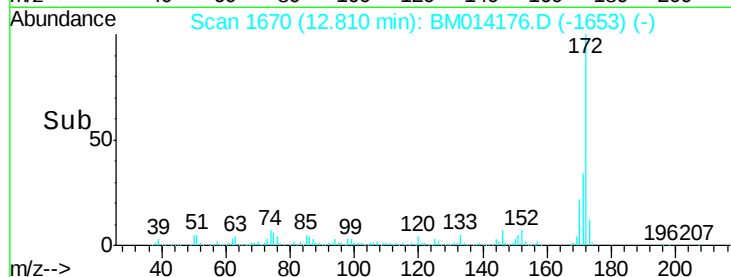
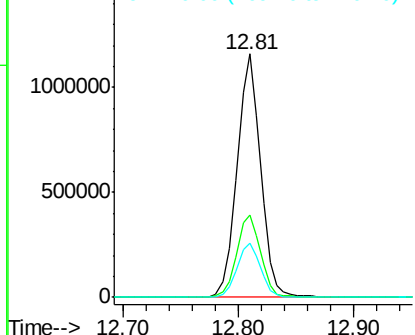
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1633672

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.5	42.7
170	22.3	18.8	28.2



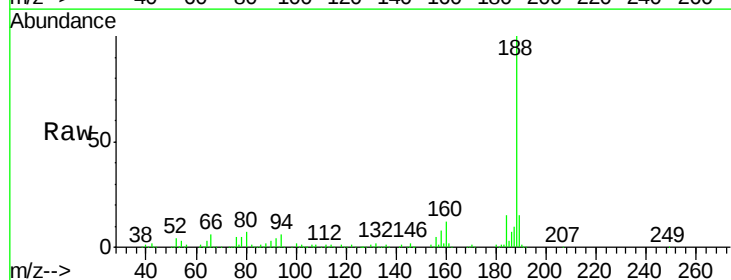
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



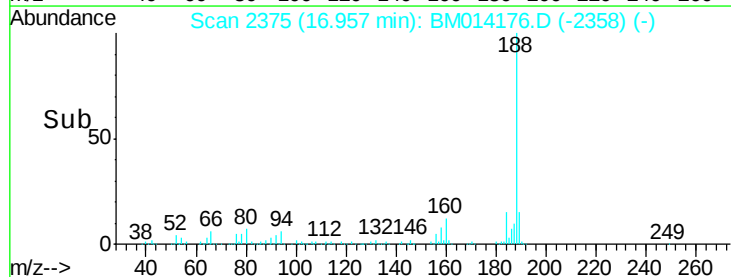
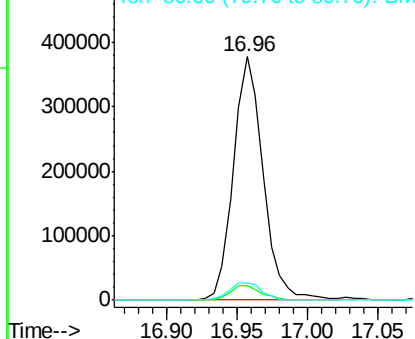
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.96 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BM014176.D
 Acq: 08 Feb 2018 00:18

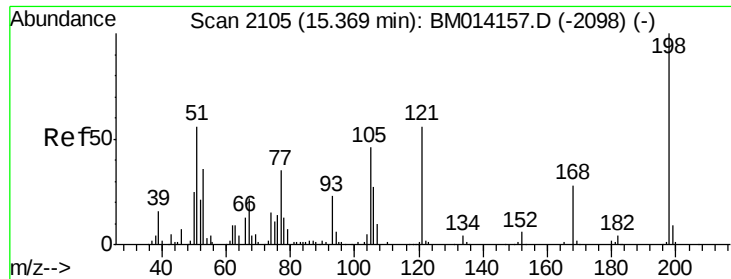
Tgt Ion:188 Resp: 554540

Ion	Ratio	Lower	Upper
188	100		
94	5.9	8.7	13.1#
80	7.1	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

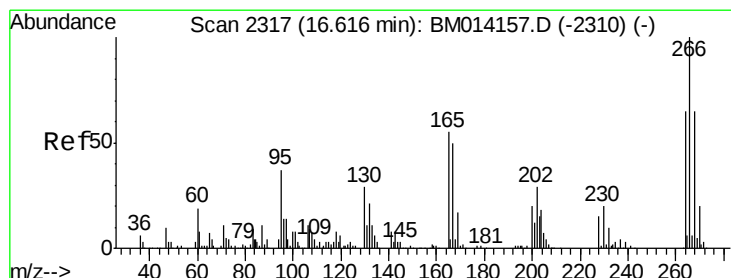
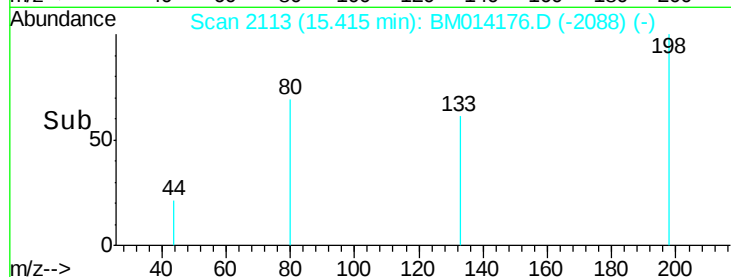
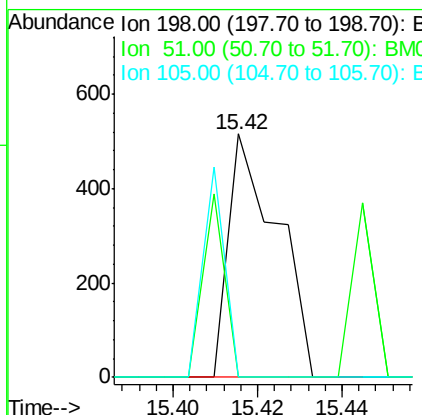
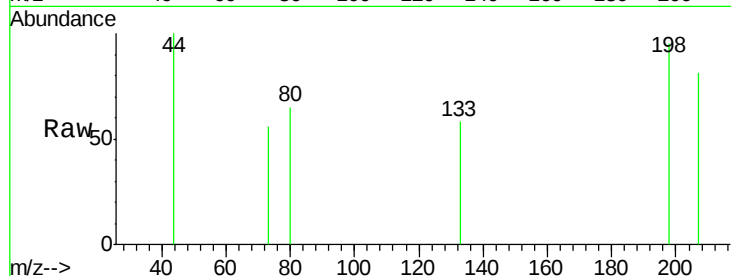




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.66 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. 0.05 min
 Lab File: BM014176.D
 Acq: 08 Feb 2018 00:18

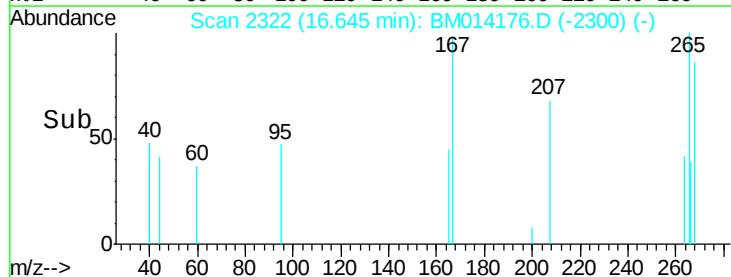
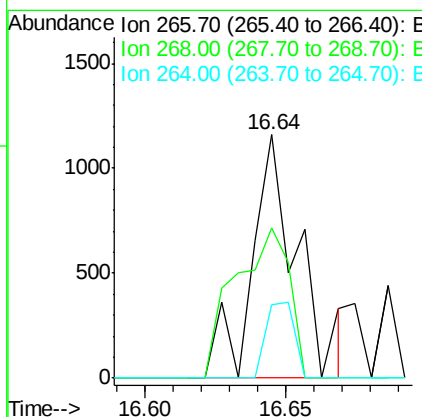
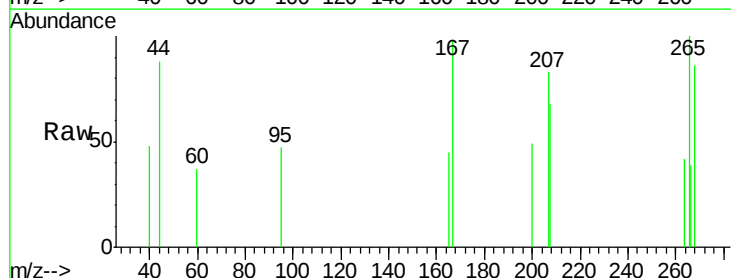
Instrument :
 BNA_F
 ClientSampleId :

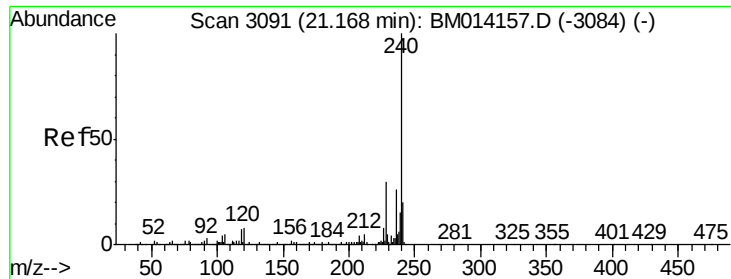
Tot Ion:198 Resp: 413
 Ion Ratio Lower Upper
 198 100
 51 0.0 28.8 68.8#
 105 0.0 30.5 70.5#



#69
 Pentachlorophenol
 Concen: 6.19 ng
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.03 min
 Lab File: BM014176.D
 Acq: 08 Feb 2018 00:18

Tgt Ion:266 Resp: 1312
 Ion Ratio Lower Upper
 266 100
 268 61.8 52.0 78.0
 264 30.1 49.0 73.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM014176.D

Acq: 08 Feb 2018 00:18

Instrument :

BNA_F

ClientSampled :

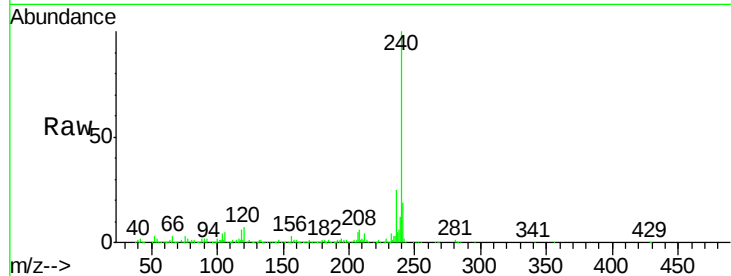
Tot Ion:240 Resp: 600406

Ion Ratio Lower Upper

240 100

120 6.6 8.2 12.2#

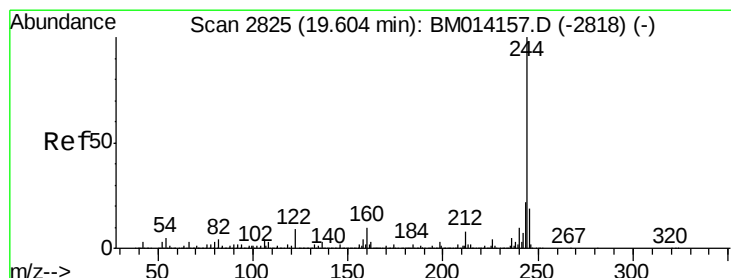
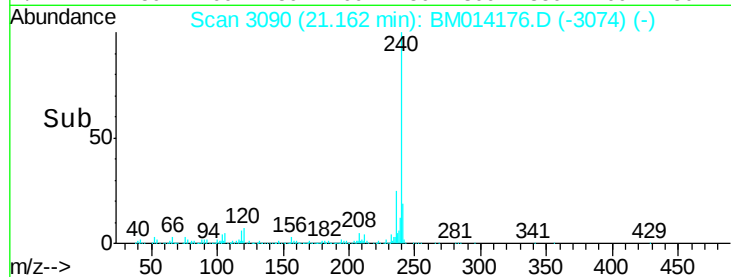
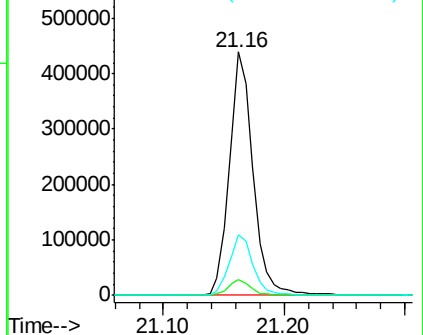
236 25.0 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 86.54 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM014176.D

Acq: 08 Feb 2018 00:18

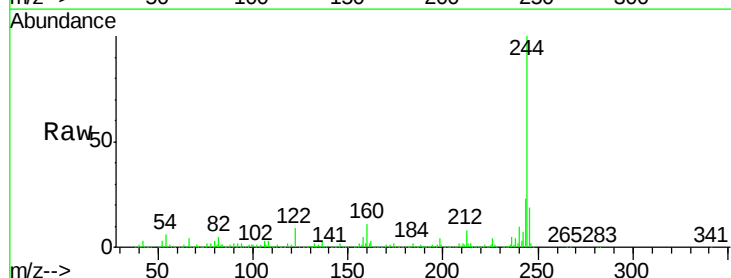
Tgt Ion:244 Resp: 2659252

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

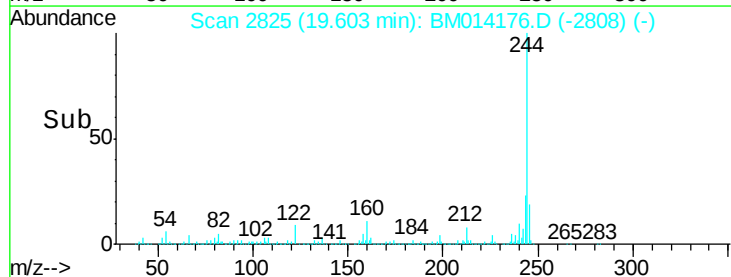
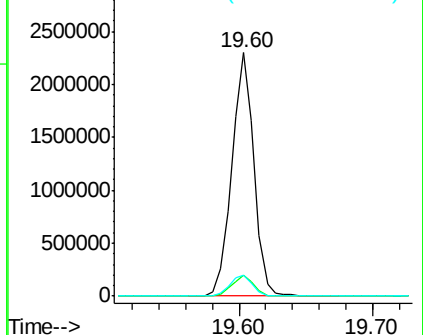
122 8.7 6.2 9.4

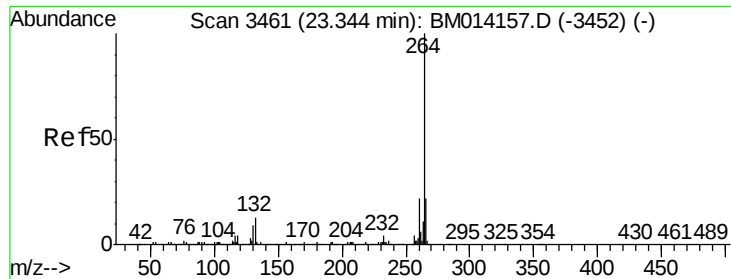


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM014176.D
Acq: 08 Feb 2018 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.6	27.8
265	24.1	17.3	25.9

