

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
 Data File : BM014177.D
 Acq On : 08 Feb 2018 00:53
 Operator : SJ/JU
 Sample : J1161-07
 Misc : LOD 2 PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 07:20:14 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

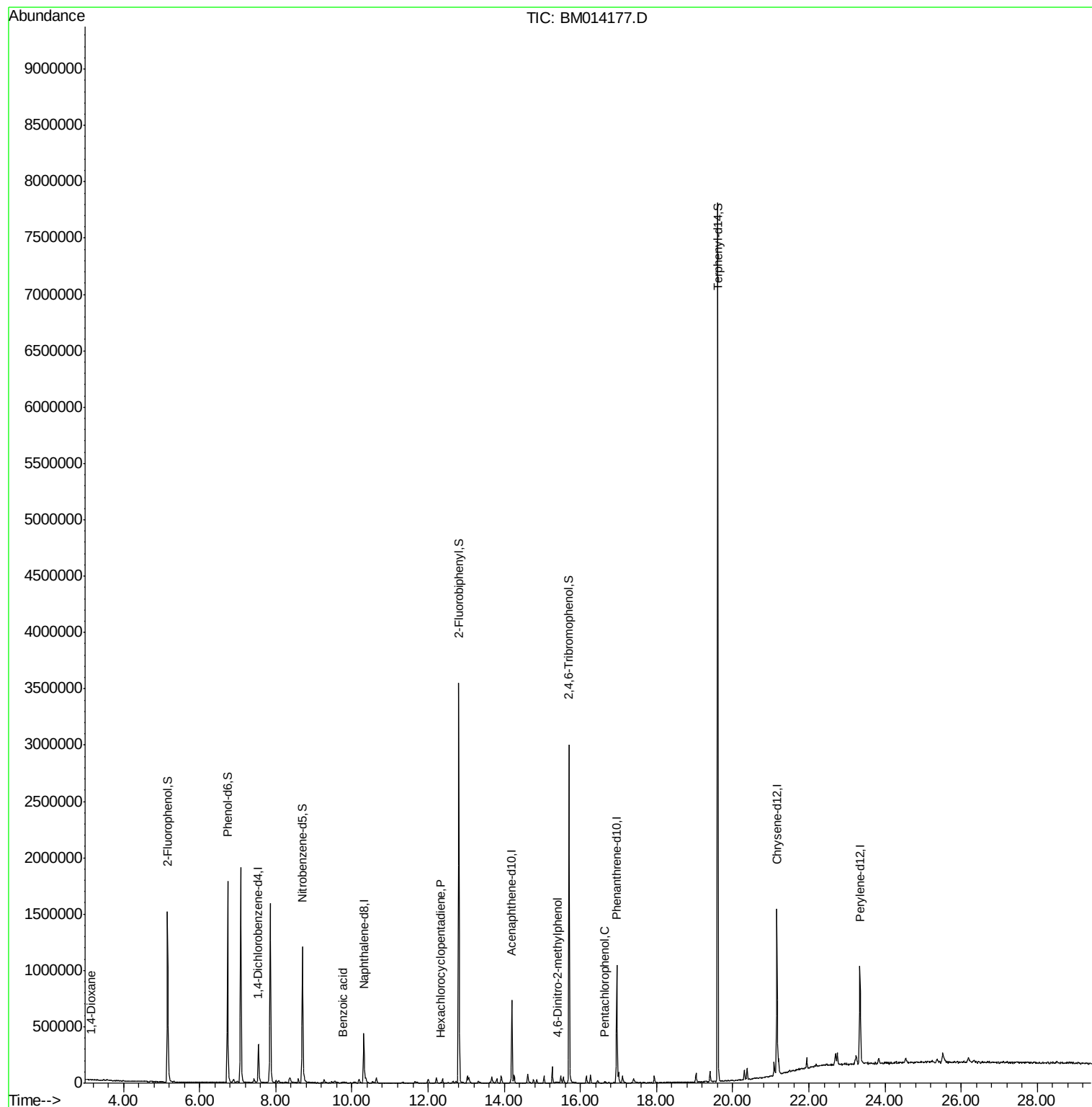
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	74082	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	312342	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	214856	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	533696	20.00	ng	0.00
75) Chrysene-d12	21.16	240	636253	20.00	ng	0.00
86) Perylene-d12	23.34	264	630140	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	546057	128.47	ng	0.00
7) Phenol-d6	6.73	99	734680	122.05	ng	0.00
23) Nitrobenzene-d5	8.70	82	667951	95.52	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	381922	125.27	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1499050	87.09	ng	0.00
78) Terphenyl-d14	19.60	244	2709984	83.22	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.15	88	3818	2.19	ng	# 100
32) Benzoic acid	9.77	122	166	6.23	ng	# 91
40) Hexachlorocyclopentadiene	12.34	237	1883	6.56	ng	# 51
64) 4,6-Dinitro-2-methylphenol	15.41	198	1199	5.86	ng	# 62
69) Pentachlorophenol	16.64	266	1936	6.32	ng	# 73

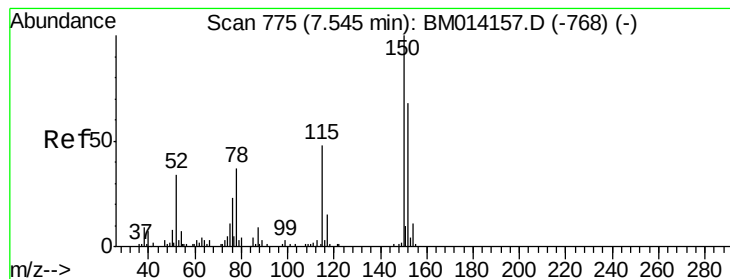
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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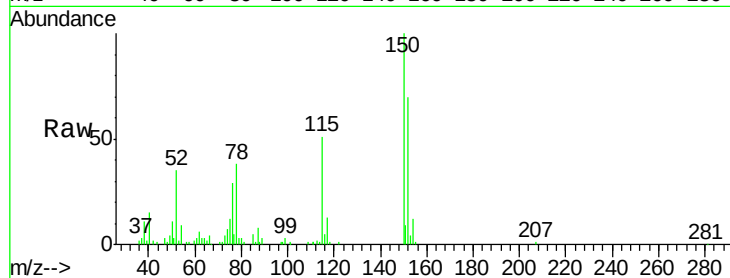


#1

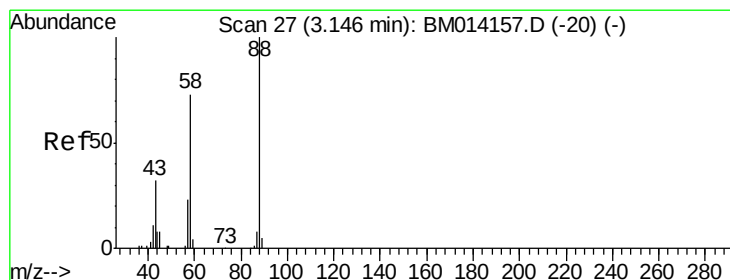
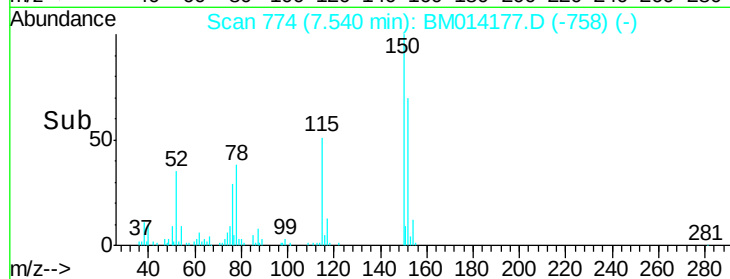
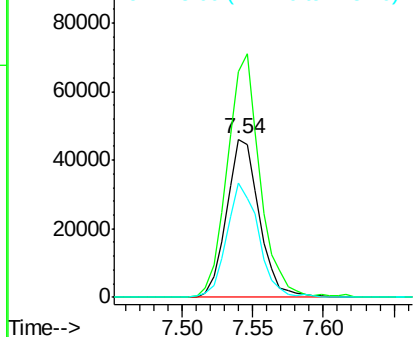
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014177.D
Acq: 08 Feb 2018 00:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 74082
Ion Ratio Lower Upper
152 100
150 142.7 119.5 179.3
115 72.4 43.0 64.4#



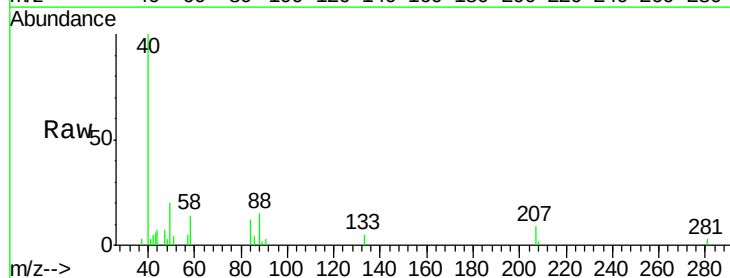
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



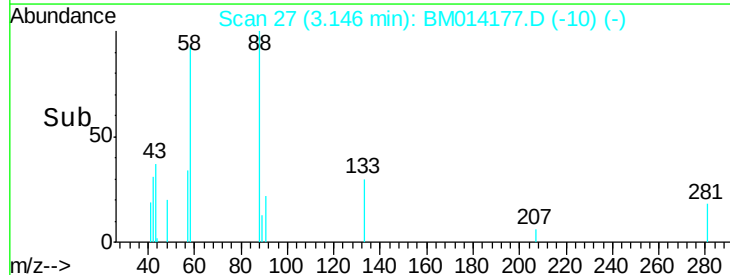
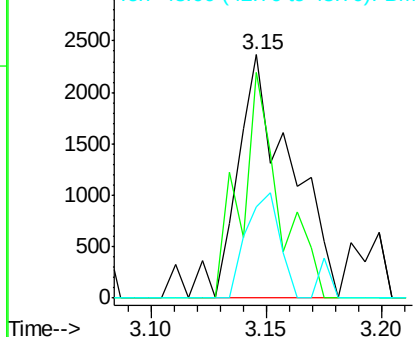
#2

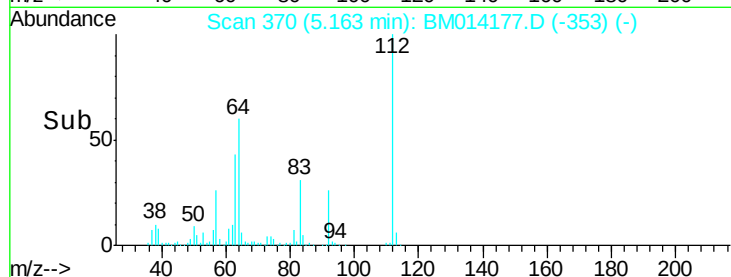
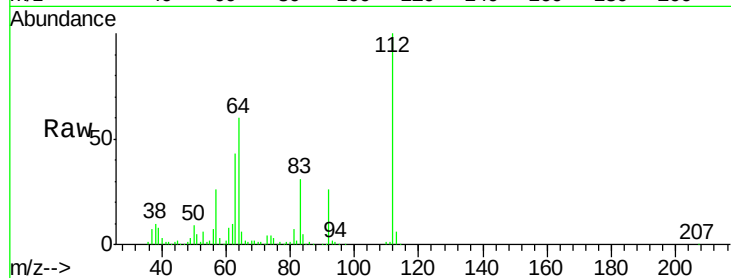
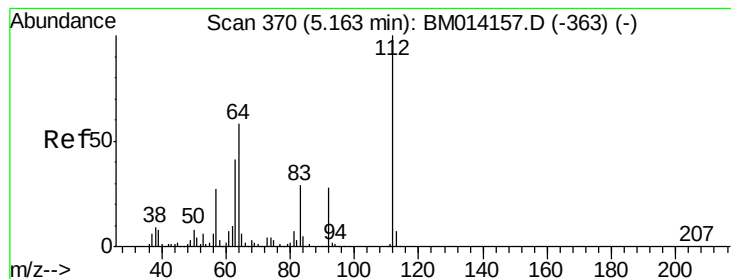
1,4-Dioxane
Concen: 2.19 ng
RT: 3.15 min Scan# 27
Delta R.T. 0.00 min
Lab File: BM014177.D
Acq: 08 Feb 2018 00:53

Tgt Ion: 88 Resp: 3818
Ion Ratio Lower Upper
88 100
58 66.3 0.0 0.0#
43 27.2 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: 128.47 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014177.D

Acq: 08 Feb 2018 00:53

Instrument :

BNA_F

ClientSampleId :

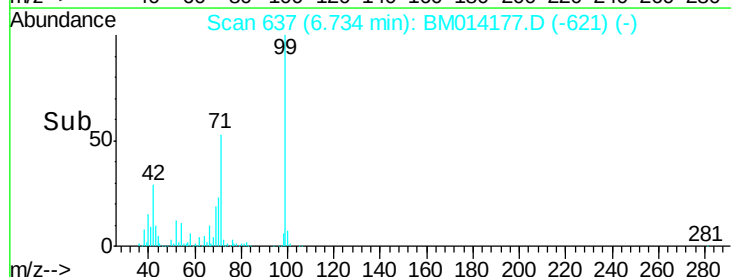
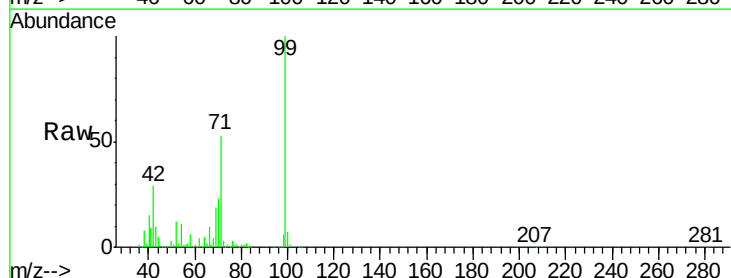
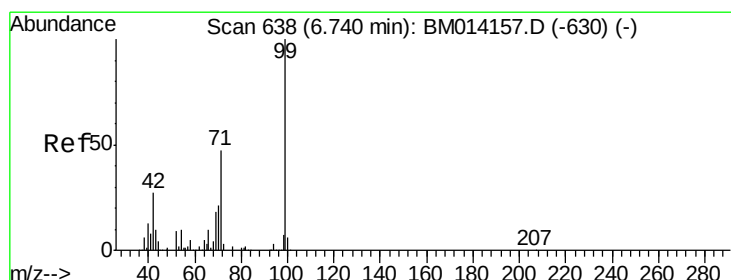
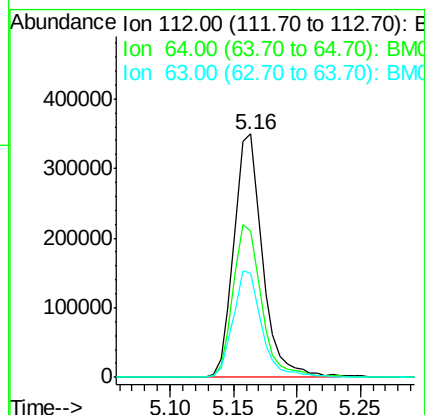
Tot Ion:112 Resp: 546057

Ion Ratio Lower Upper

112 100

64 60.0 38.6 57.8#

63 42.6 19.3 28.9#



#7

Phenol-d6

Concen: 122.05 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014177.D

Acq: 08 Feb 2018 00:53

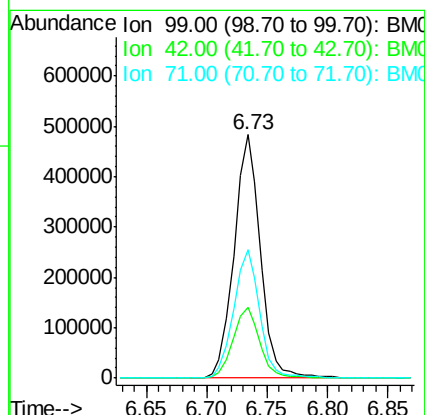
Tgt Ion: 99 Resp: 734680

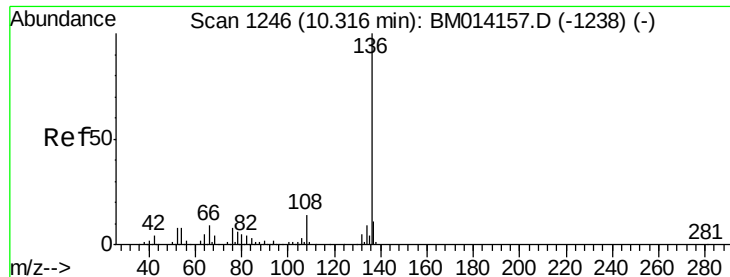
Ion Ratio Lower Upper

99 100

42 29.1 11.0 16.4#

71 52.8 23.4 35.2#

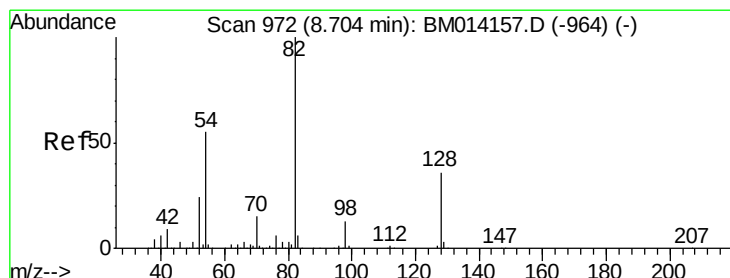
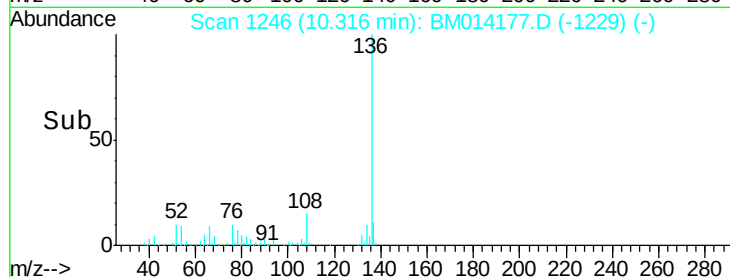
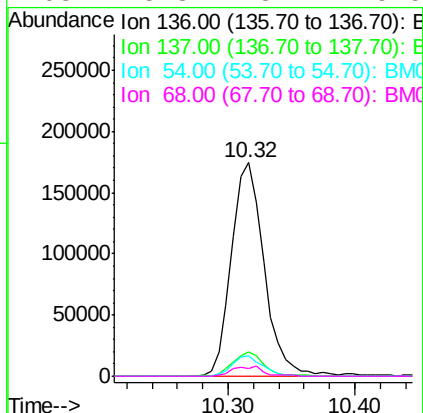
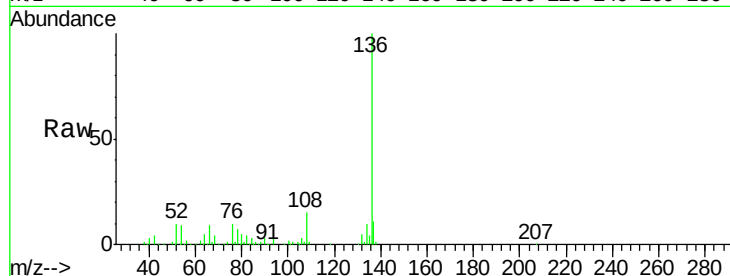




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM014177.D
Acq: 08 Feb 2018 00:53

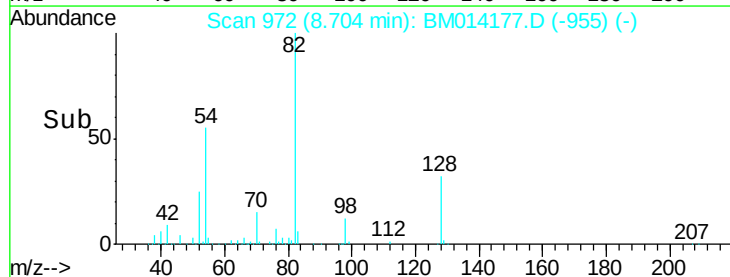
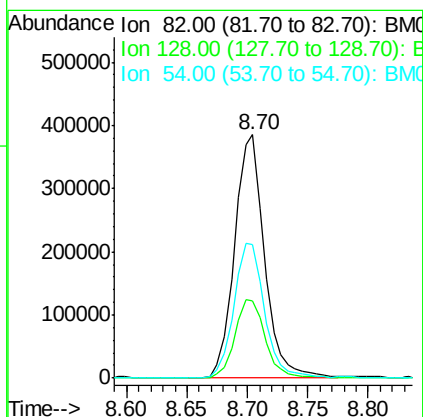
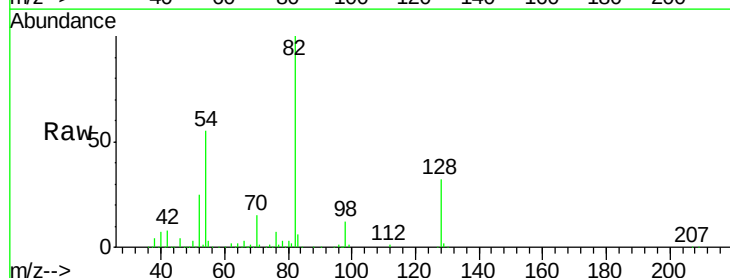
Instrument :
BNA_F
ClientSampleId :

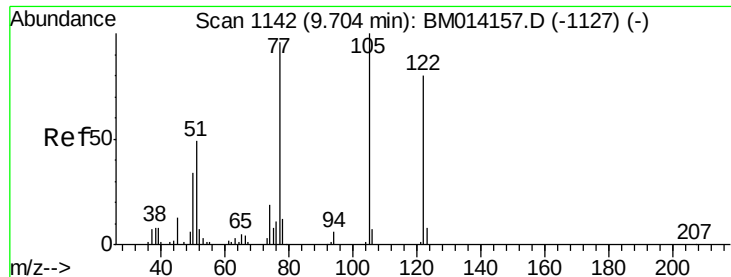
Tot Ion:136	Resp:	312342
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.7	13.1
54 9.4	4.6	6.8#
68 3.8	3.7	5.5



#23
Nitrobenzene-d5
Concen: 95.52 ng
RT: 8.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BM014177.D
Acq: 08 Feb 2018 00:53

Tgt	Ion: 82	Resp:	667951
Ion	Ratio	Lower	Upper
82	100		
128	31.8	32.8	49.2#
54	55.0	40.6	60.8





#32

Benzoic acid

Concen: 6.23 ng

RT: 9.77 min Scan# 1153

Delta R.T. 0.06 min

Lab File: BM014177.D

Acq: 08 Feb 2018 00:53

Instrument :

BNA_F

ClientSampleId :

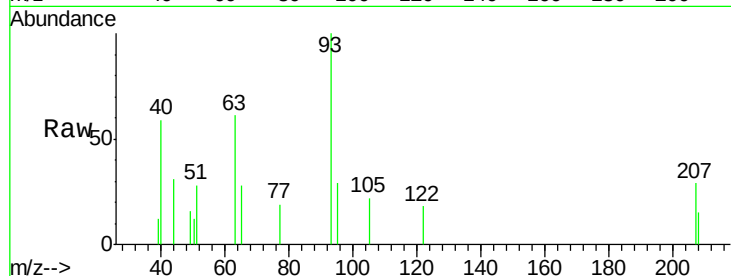
Tot Ion:122 Resp: 166

Ion Ratio Lower Upper

122 100

105 123.2 99.9 139.9

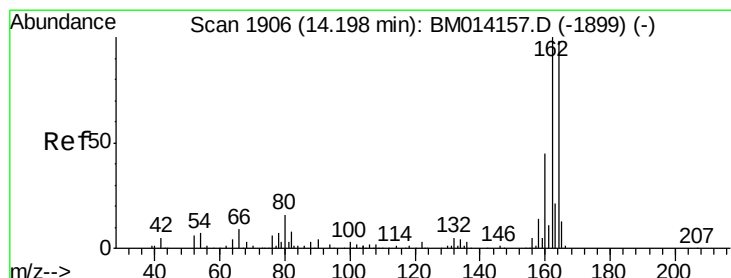
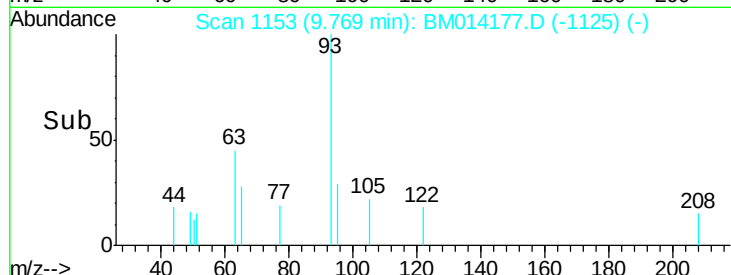
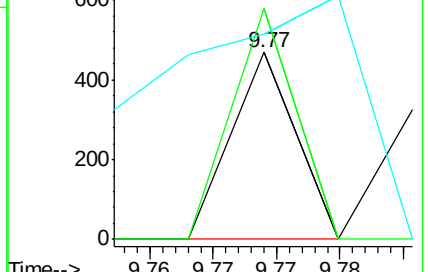
77 109.8 73.7 113.7



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: BM014177.D

Acq: 08 Feb 2018 00:53

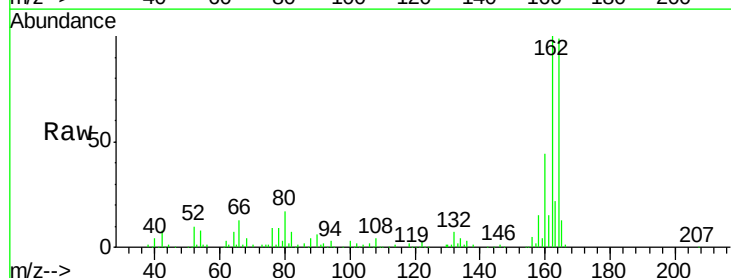
Tgt Ion:164 Resp: 214856

Ion Ratio Lower Upper

164 100

162 100.8 82.4 123.6

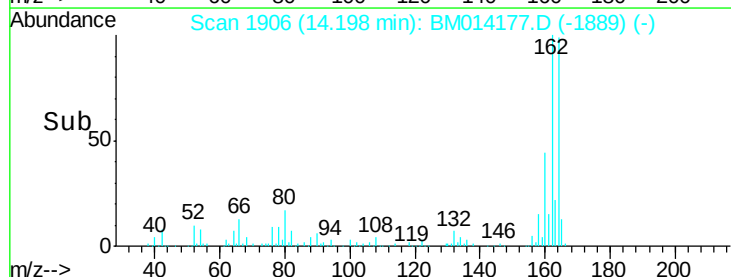
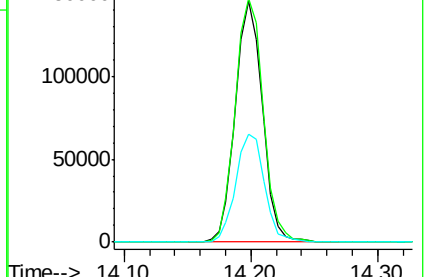
160 44.5 35.8 53.6

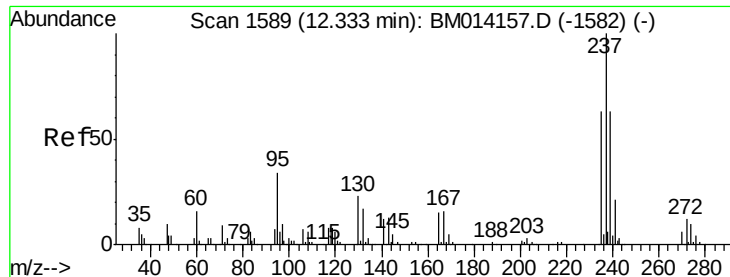


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

Hexachlorocyclopentadiene

Concen: 6.56 ng

RT: 12.34 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BM014177.D

Acq: 08 Feb 2018 00:53

Instrument :

BNA_F

ClientSampleId :

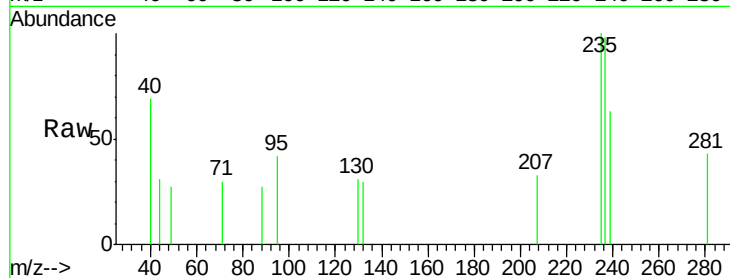
Tot Ion:237 Resp: 1883

Ion Ratio Lower Upper

237 100

235 102.3 42.0 82.0#

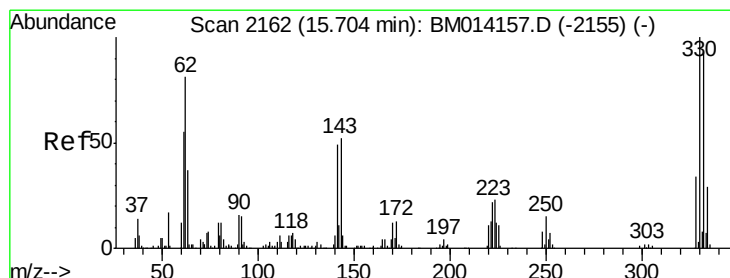
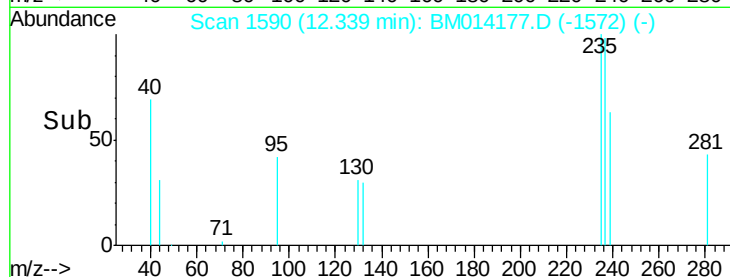
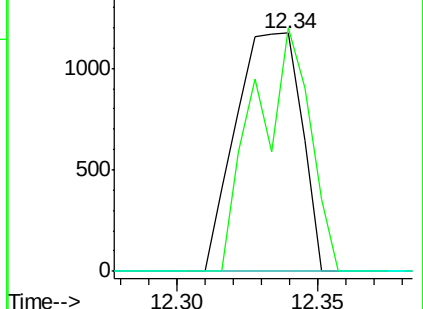
272 0.0 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 125.27 ng

RT: 15.70 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BM014177.D

Acq: 08 Feb 2018 00:53

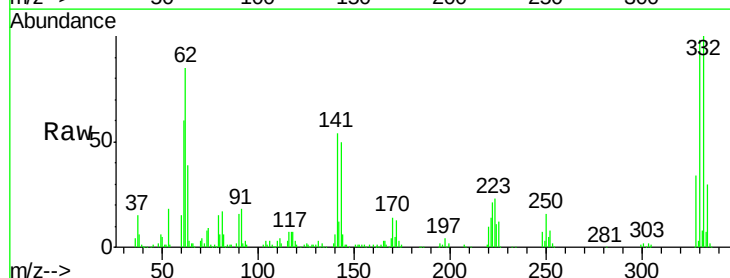
Tgt Ion:330 Resp: 381922

Ion Ratio Lower Upper

330 100

332 98.9 0.0 0.0#

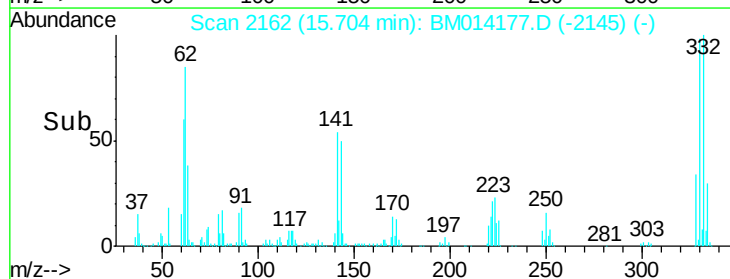
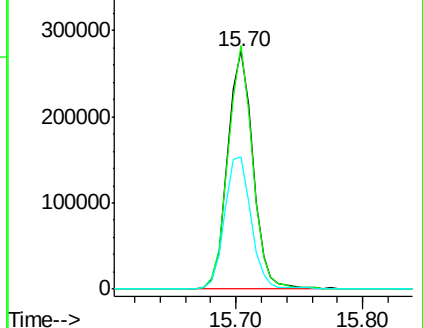
141 58.4 0.0 0.0#

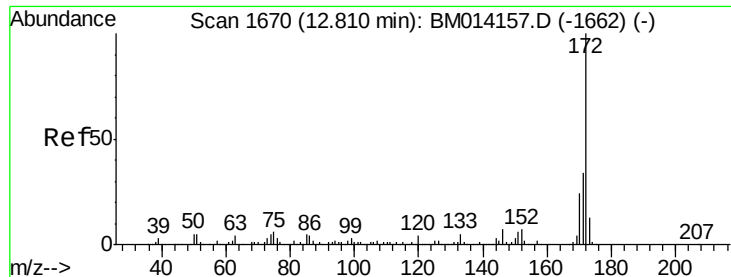


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

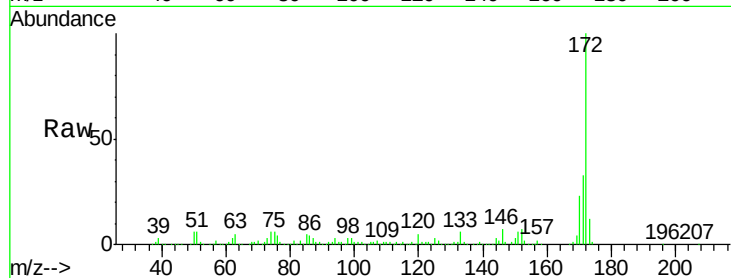




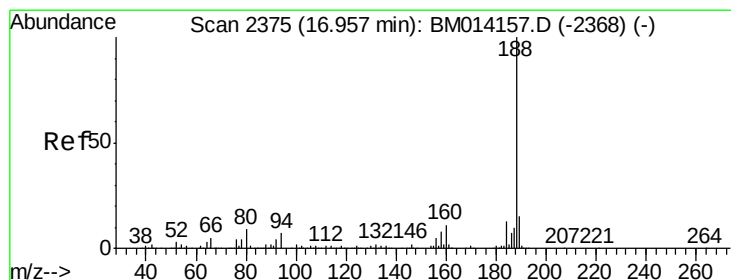
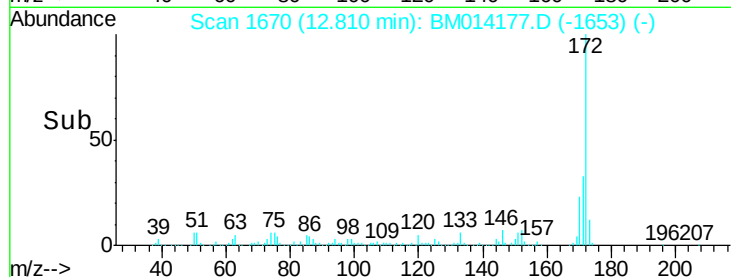
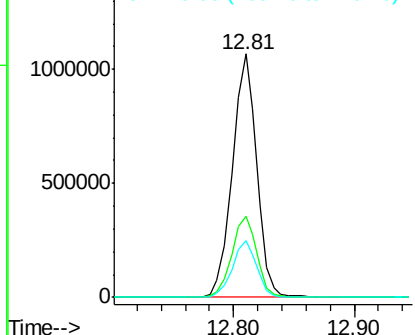
#44
2-Fluorobiphenyl
Concen: 87.09 ng
RT: 12.81 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM014177.D
Acq: 08 Feb 2018 00:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1499050
Ion Ratio Lower Upper
172 100
171 33.4 28.5 42.7
170 23.1 18.8 28.2

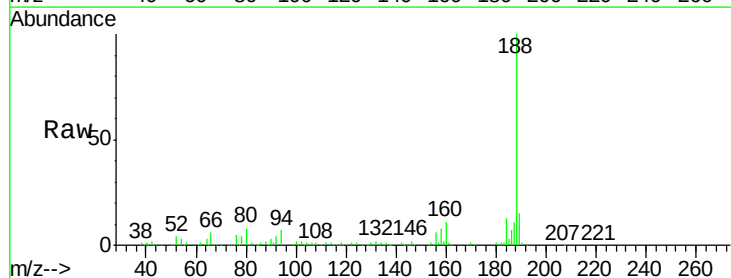


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

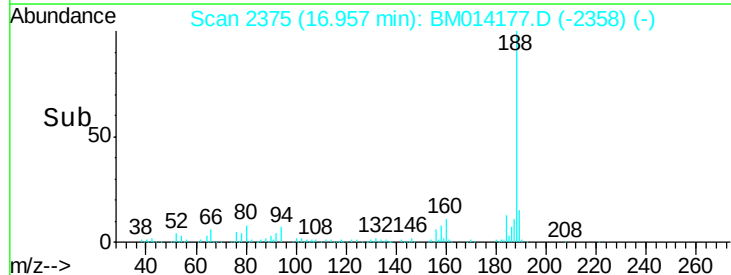
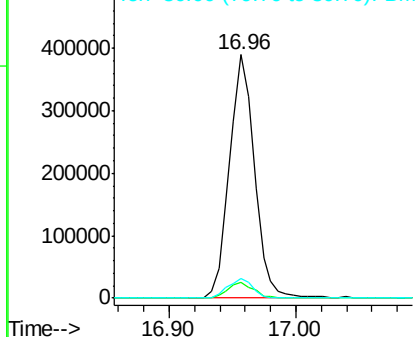


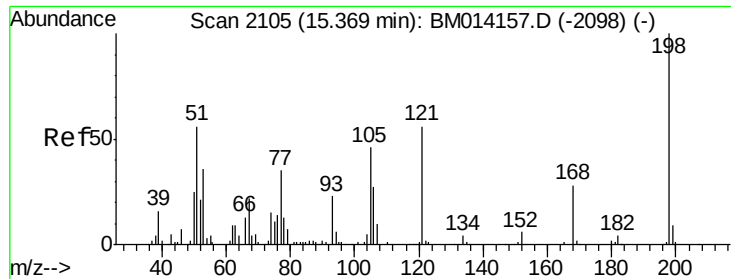
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM014177.D
Acq: 08 Feb 2018 00:53

Tgt Ion:188 Resp: 533696
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 8.0 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

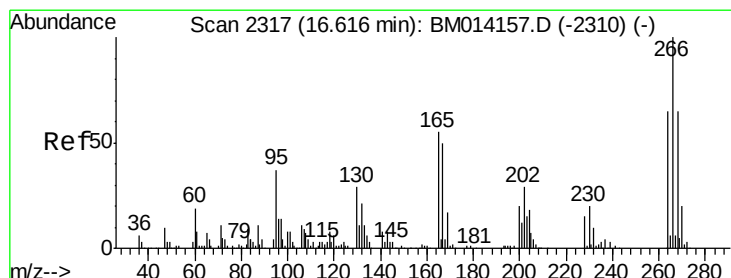
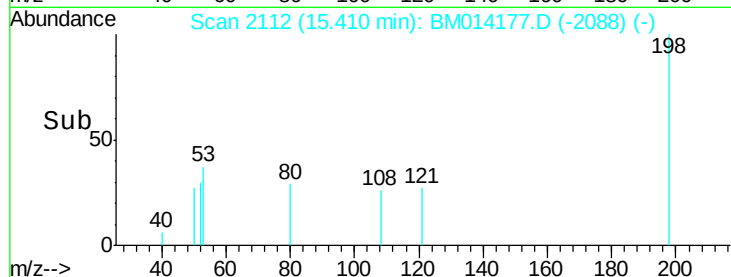
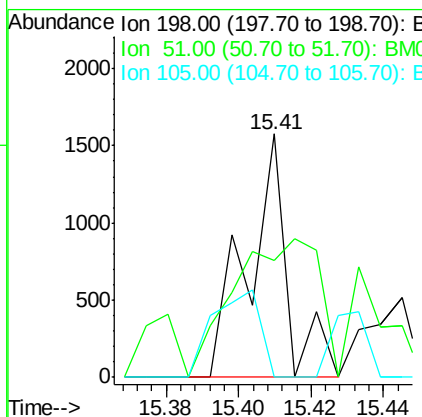
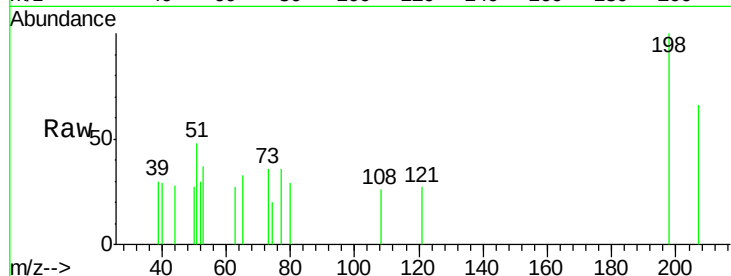




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.86 ng
 RT: 15.41 min Scan# 2112
 Delta R.T. 0.04 min
 Lab File: BM014177.D
 Acq: 08 Feb 2018 00:53

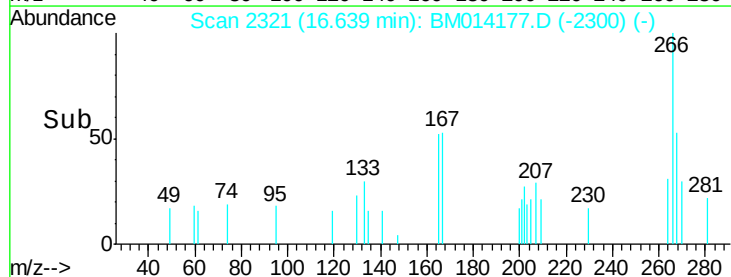
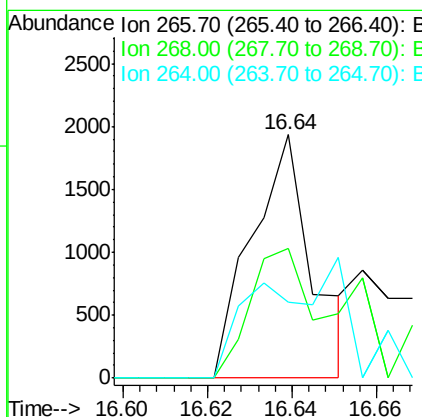
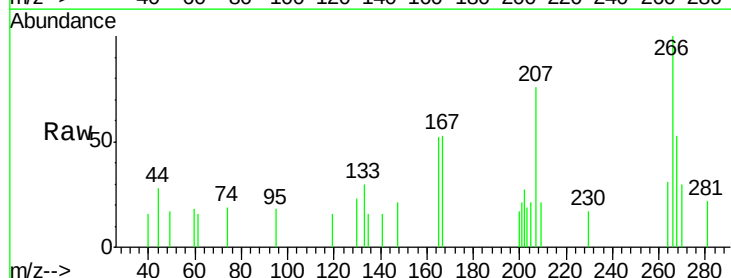
Instrument :
 BNA_F
 ClientSampleId :

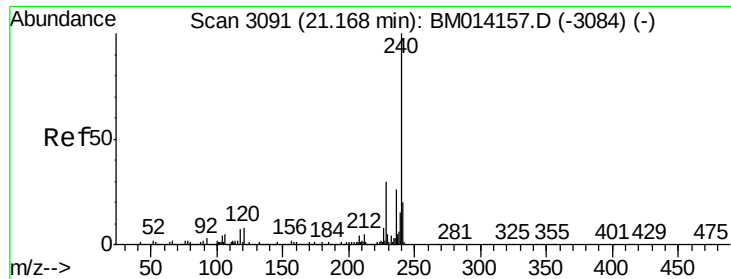
Tot Ion:198 Resp: 1199
 Ion Ratio Lower Upper
 198 100
 51 47.9 28.8 68.8
 105 0.0 30.5 70.5#



#69
 Pentachlorophenol
 Concen: 6.32 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. 0.02 min
 Lab File: BM014177.D
 Acq: 08 Feb 2018 00:53

Tgt Ion:266 Resp: 1936
 Ion Ratio Lower Upper
 266 100
 268 53.2 52.0 78.0
 264 31.2 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: BM014177.D

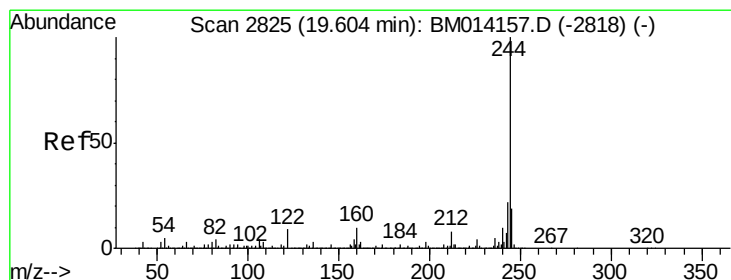
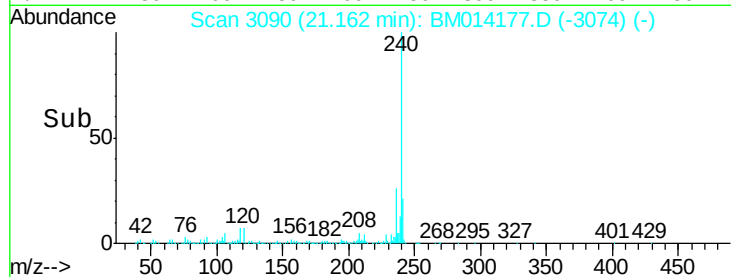
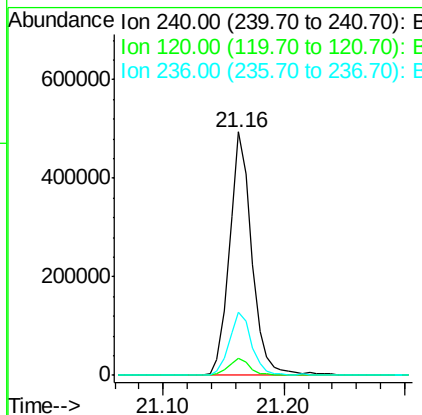
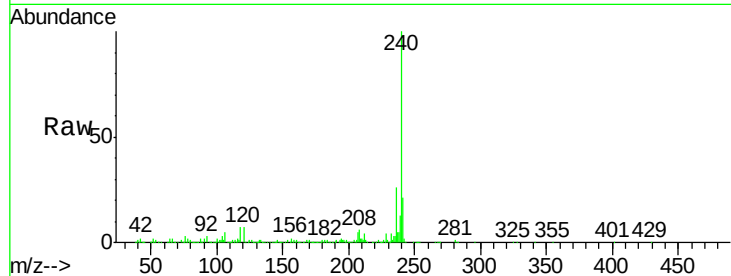
Acq: 08 Feb 2018 00:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:240	Resp: 636253
Ion Ratio	Lower Upper
240 100	
120 6.8	8.2 12.2#
236 26.0	20.0 30.0



#78

Terphenyl-d14

Concen: 83.22 ng

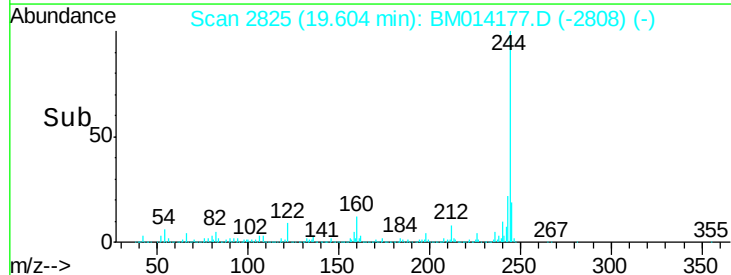
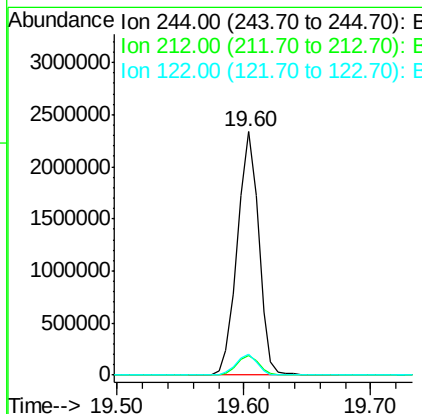
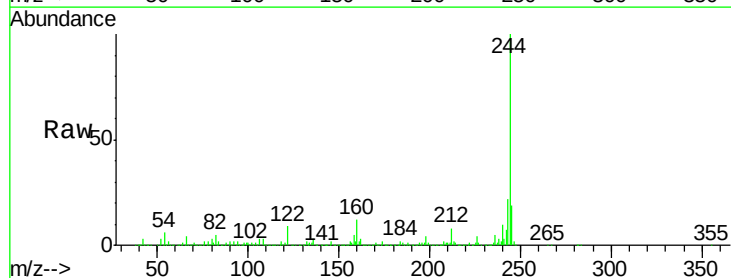
RT: 19.60 min Scan# 2825

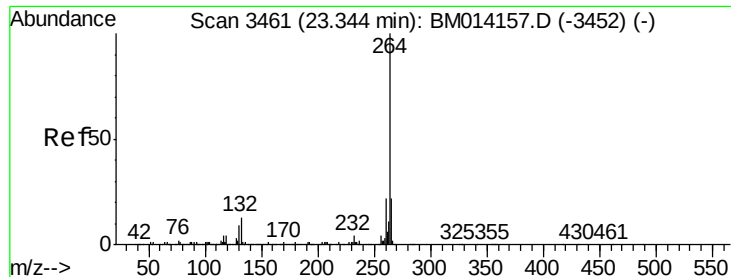
Delta R.T. 0.00 min

Lab File: BM014177.D

Acq: 08 Feb 2018 00:53

Tgt	Ion:244	Resp: 2709984	
Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	8.7	6.2	9.4

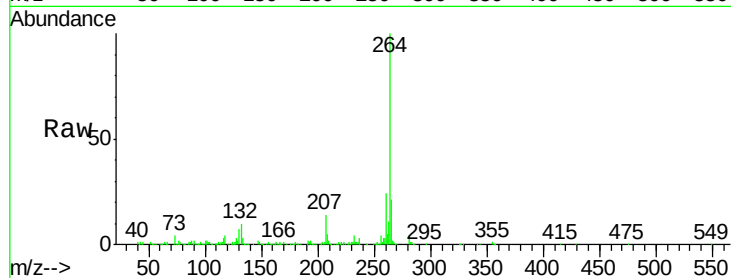




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.34 min Scan# 3460
 Delta R.T. -0.01 min
 Lab File: BM014177.D
 Acq: 08 Feb 2018 00:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	21.0	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

