

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
 Data File : BM014173.D
 Acq On : 07 Feb 2018 22:30
 Operator : SJ/JU
 Sample : J1161-03
 Misc : MDL 2 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 07:18:21 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

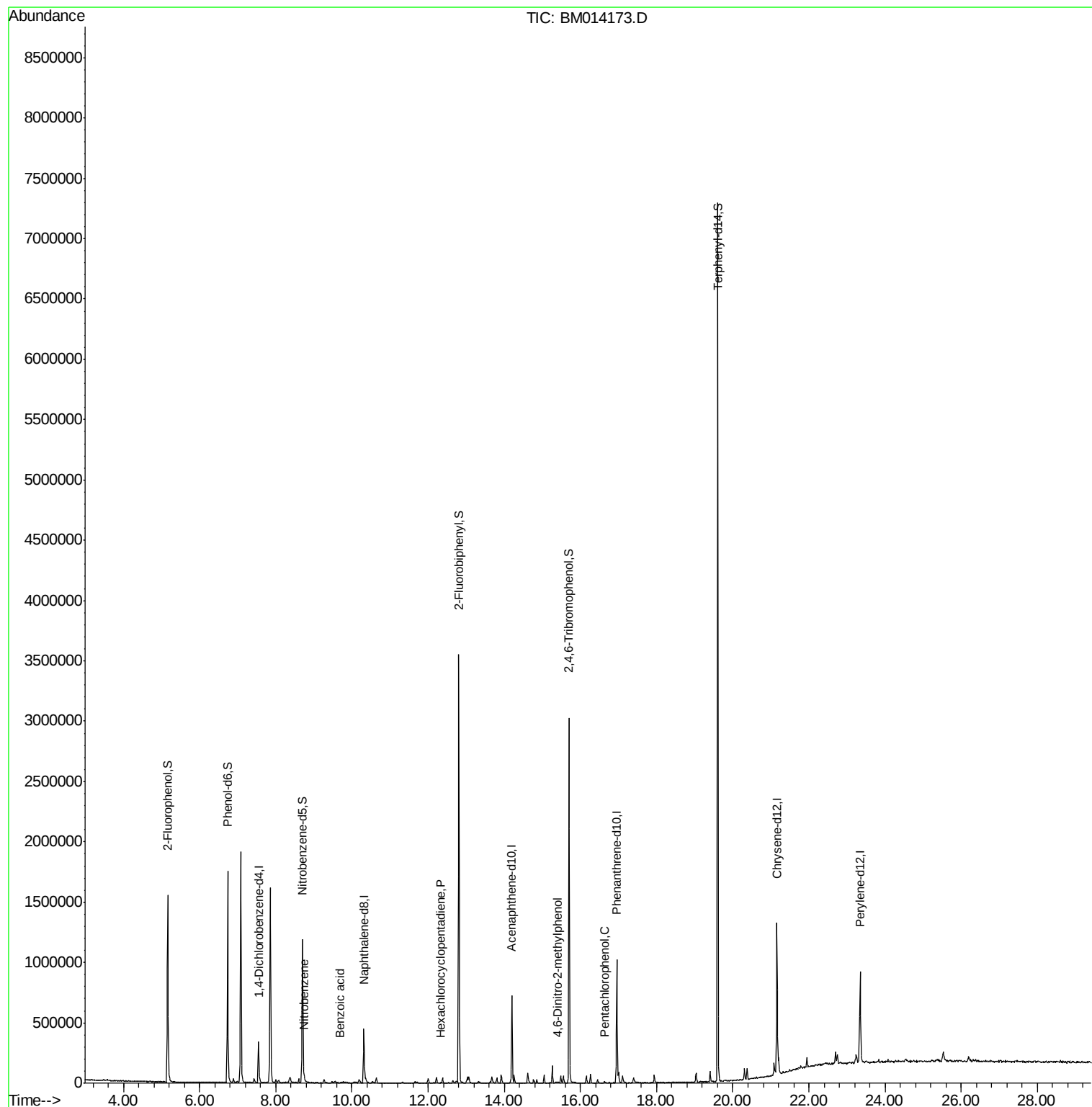
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	76361	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	316800	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	207200	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	523317	20.00	ng	0.00
75) Chrysene-d12	21.16	240	586025	20.00	ng	0.00
86) Perylene-d12	23.34	264	541842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	535890	122.32	ng	0.00
7) Phenol-d6	6.73	99	716553	115.48	ng	0.00
23) Nitrobenzene-d5	8.70	82	656750	92.60	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	382066	129.95	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1489836	89.76	ng	0.00
78) Terphenyl-d14	19.60	244	2544678	84.85	ng	0.00
Target Compounds						
24) Nitrobenzene	8.75	77	14940	2.05	ng	# 88
32) Benzoic acid	9.70	122	1013	6.43	ng	# 68
40) Hexachlorocyclopentadiene	12.33	237	2041	6.61	ng	# 81
64) 4,6-Dinitro-2-methylphenol	15.40	198	1411	5.92	ng	# 51
69) Pentachlorophenol	16.64	266	3912	6.72	ng	# 67

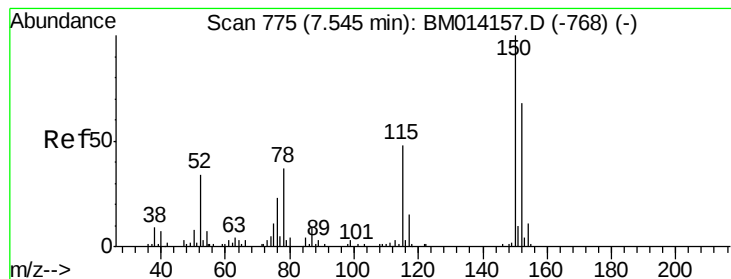
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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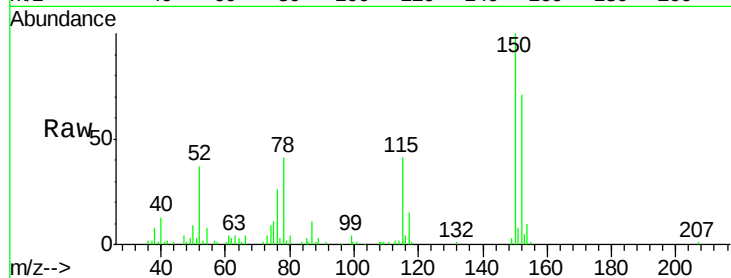


#1

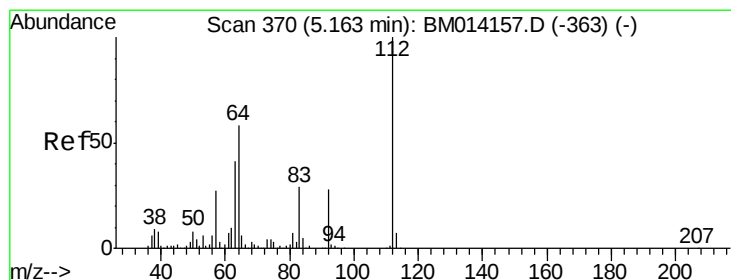
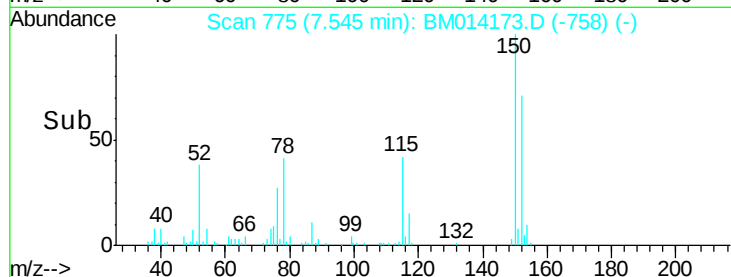
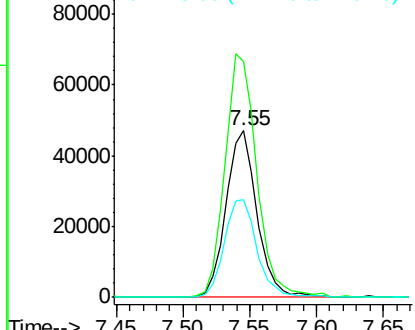
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.8	119.5	179.3
115	58.8	43.0	64.4



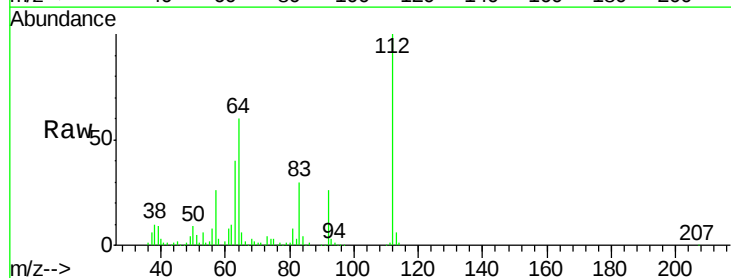
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



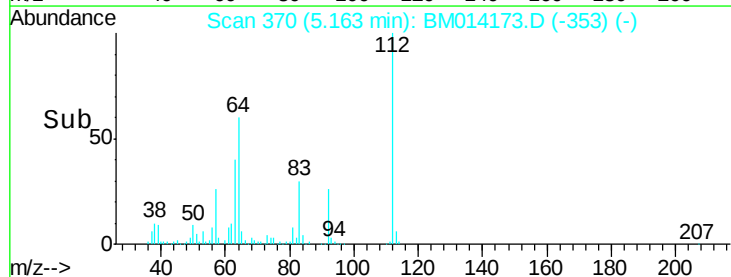
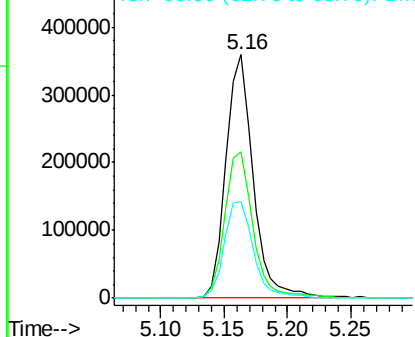
#5

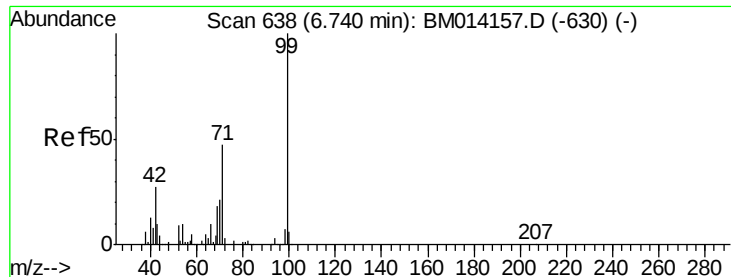
2-Fluorophenol
Concen: 122.32 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	38.6	57.8#
63	39.6	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: 115.48 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014173.D

Acq: 07 Feb 2018 22:30

Instrument :

BNA_F

ClientSampleId :

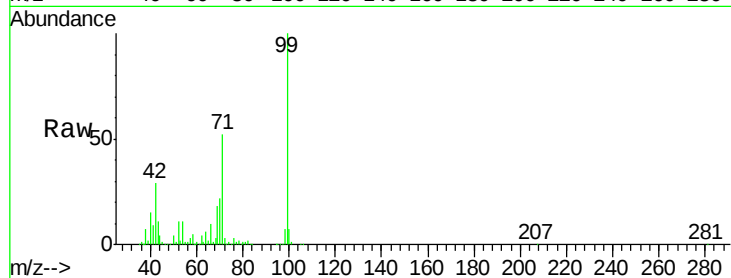
Tot Ion: 99 Resp: 716553

Ion Ratio Lower Upper

99 100

42 29.1 11.0 16.4#

71 52.2 23.4 35.2#



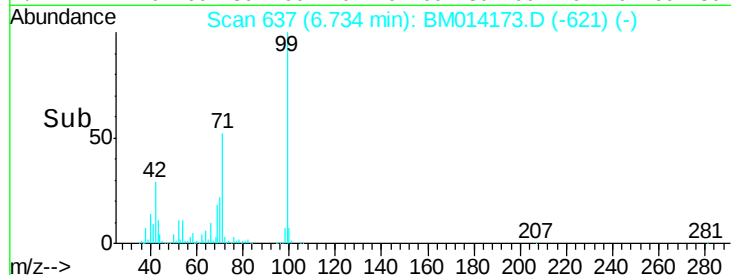
Abundance Ion 99.00 (98.70 to 99.70): BM014173.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014173.D (-621) (-)

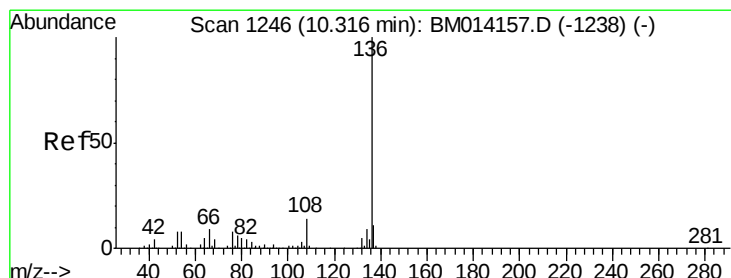
Ion 71.00 (70.70 to 71.70): BM014173.D (-621) (-)

6.73

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM014173.D

Acq: 07 Feb 2018 22:30

Tgt Ion: 136 Resp: 316800

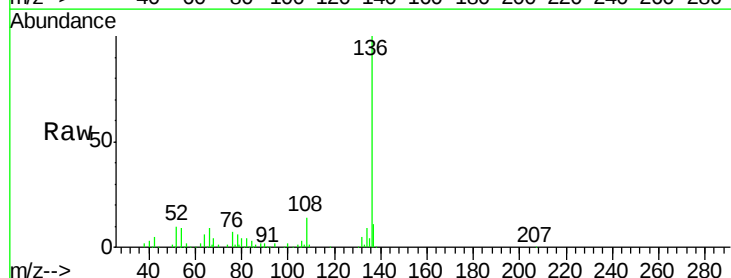
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.5 4.6 6.8#

68 4.3 3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): BM014173.D (-1229) (-)

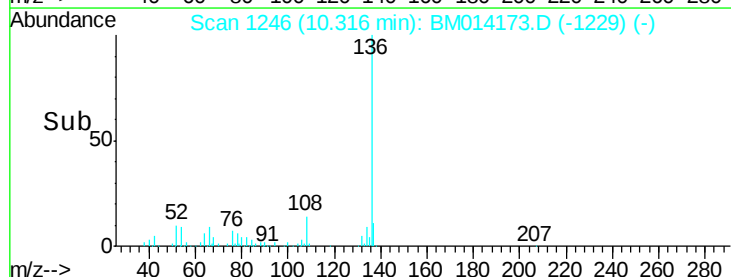
Ion 137.00 (136.70 to 137.70): BM014173.D (-1229) (-)

Ion 54.00 (53.70 to 54.70): BM014173.D (-1229) (-)

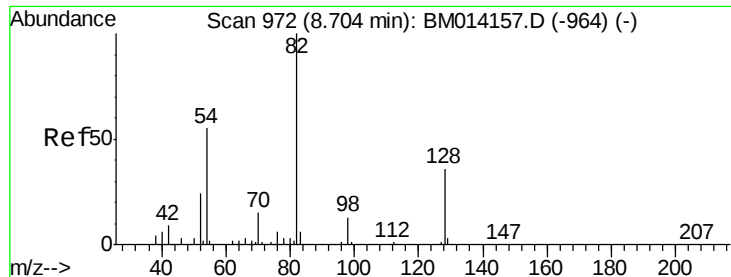
Ion 68.00 (67.70 to 68.70): BM014173.D (-1229) (-)

10.32

Time-->



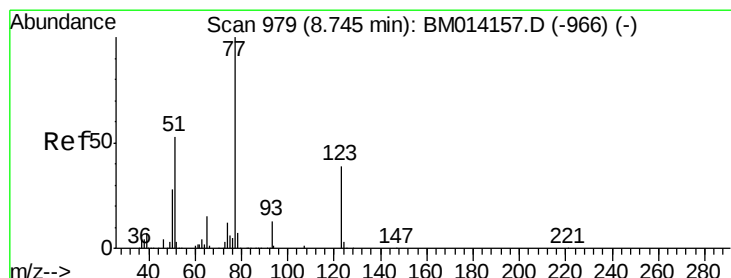
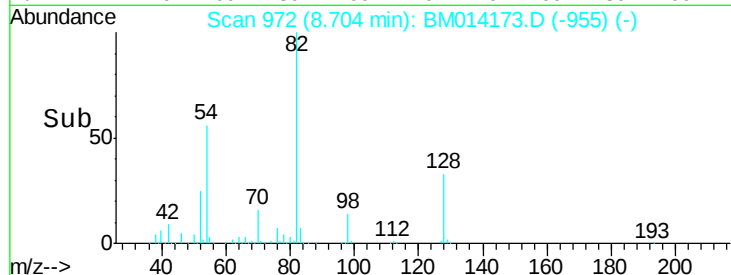
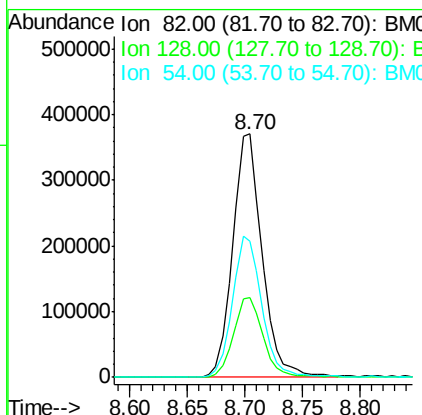
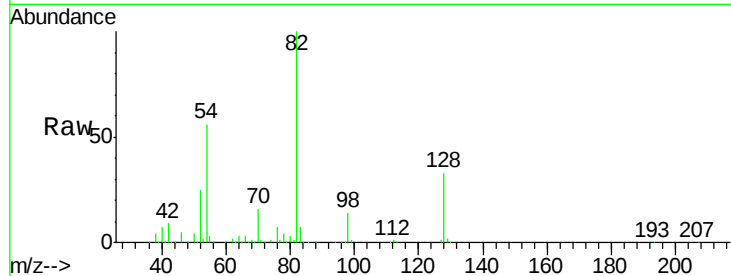
Time-->



#23
 Nitrobenzene-d5
 Concen: 92.60 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM014173.D
 Acq: 07 Feb 2018 22:30

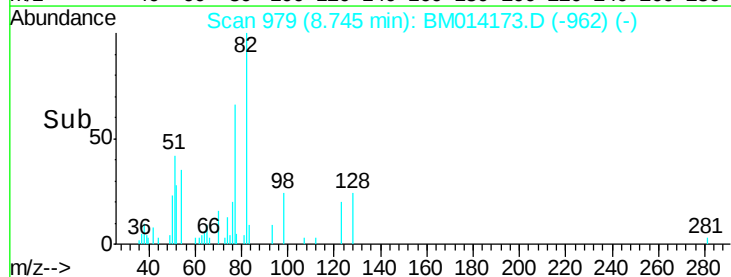
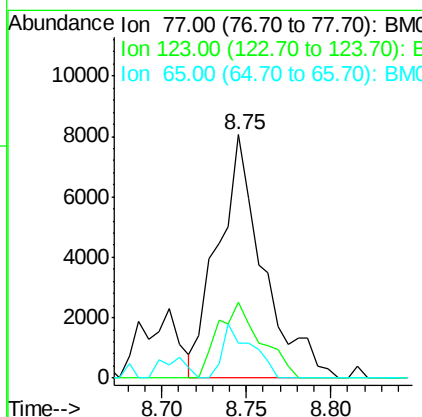
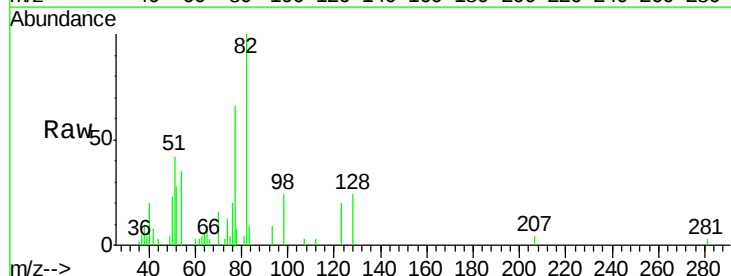
Instrument :
 BNA_F
 ClientSampleID :

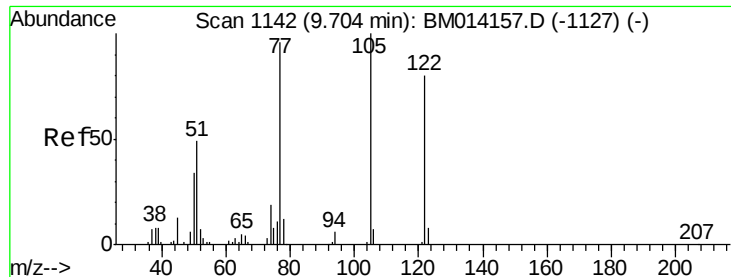
Tot Ion	82	Resp	656750
Ion Ratio	100	Lower	Upper
128	32.8	32.8	49.2
54	55.7	40.6	60.8



#24
 Nitrobenzene
 Concen: 2.05 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BM014173.D
 Acq: 07 Feb 2018 22:30

Tgt Ion	77	Resp	14940
Ion Ratio	100	Lower	Upper
123	31.0	32.6	49.0#
65	14.3	10.9	16.3

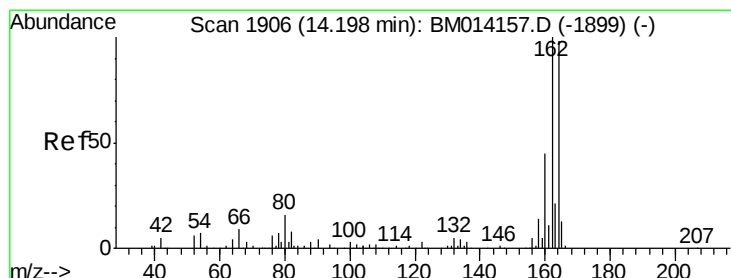
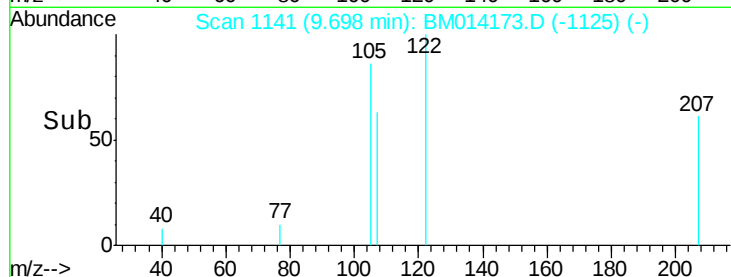
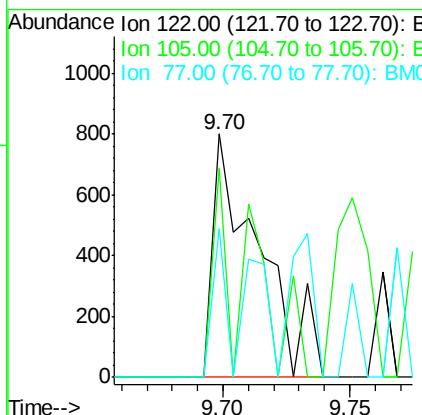
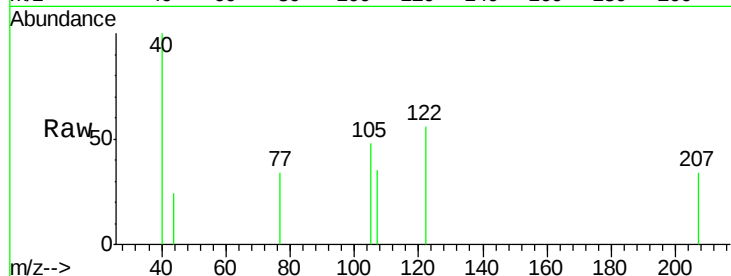




#32
Benzoic acid
Concen: 6.43 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

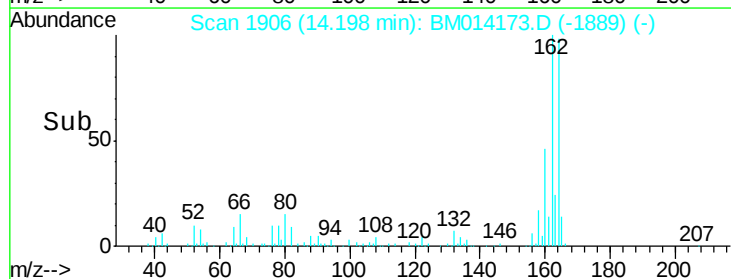
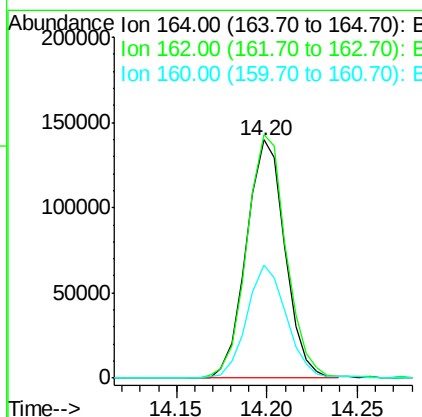
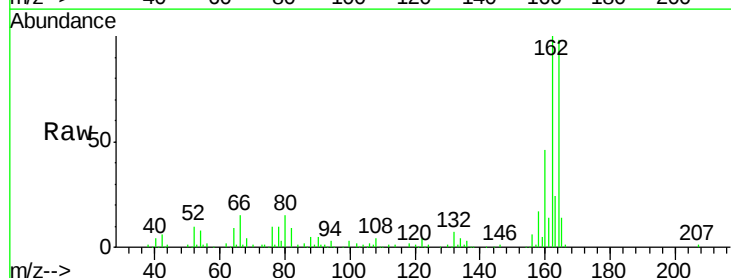
Instrument :
BNA_F
ClientSampled :

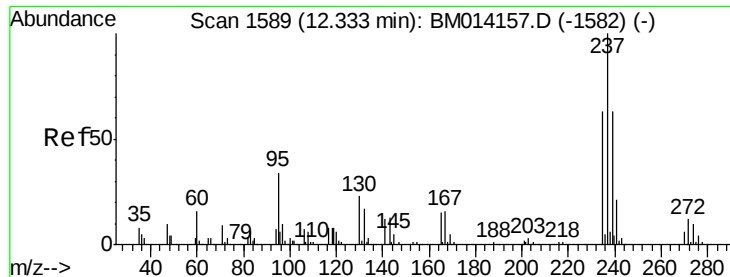
Tot Ion	122	Resp	1013
Ion	Ratio	Lower	Upper
122	100		
105	86.0	99.9	139.9#
77	61.1	73.7	113.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Tgt Ion	164	Resp	207200
Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.4	123.6
160	47.4	35.8	53.6

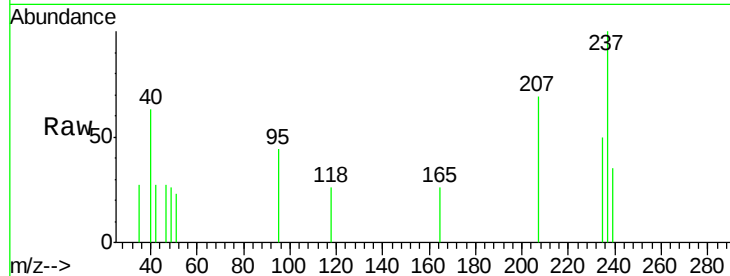




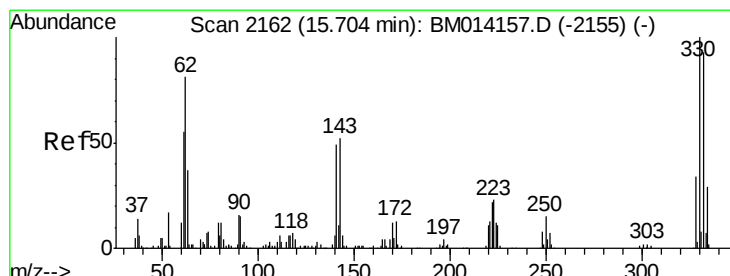
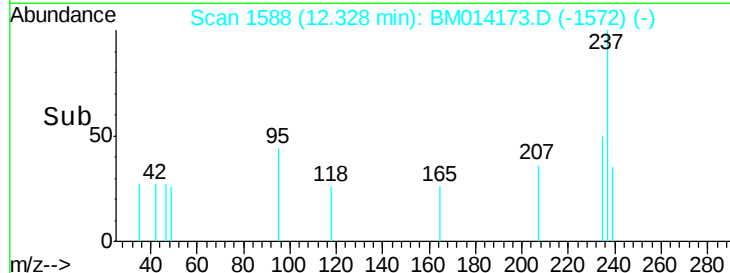
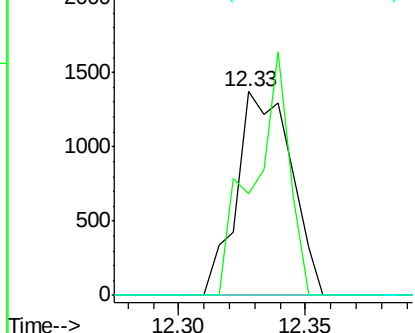
#40
Hexachlorocyclopentadiene
Concen: 6.61 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 2041
Ion Ratio Lower Upper
237 100
235 50.2 42.0 82.0
272 0.0 0.0 33.4

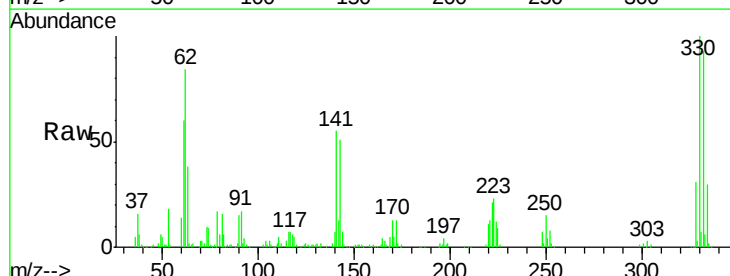


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

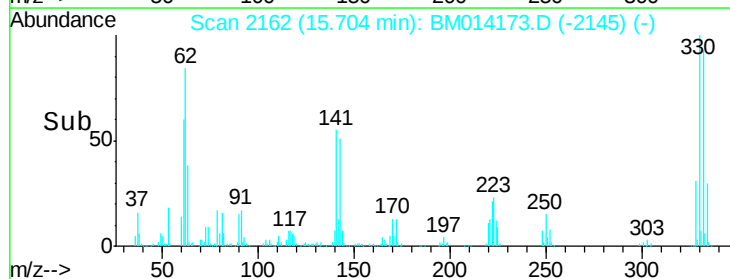
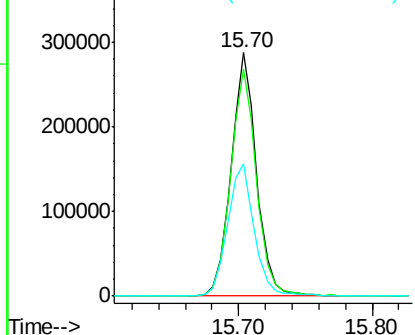


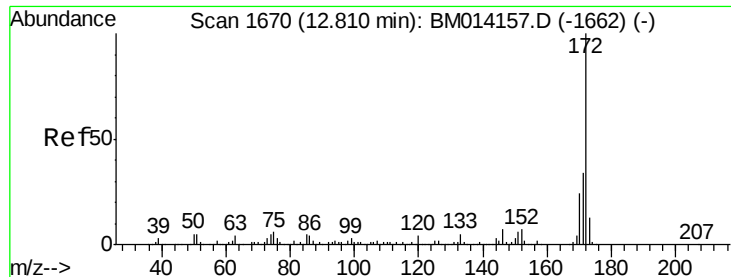
#41
2,4,6-Tribromophenol
Concen: 129.95 ng
RT: 15.70 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Tgt Ion:330 Resp: 382066
Ion Ratio Lower Upper
330 100
332 95.1 0.0 0.0#
141 57.3 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

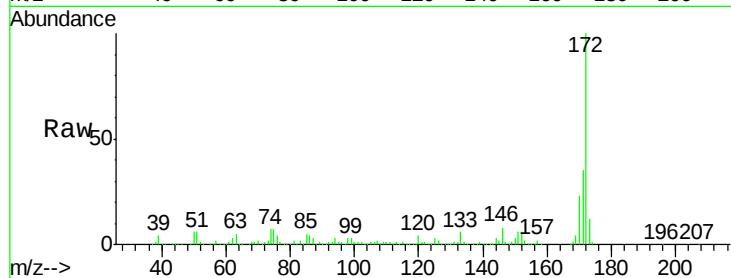




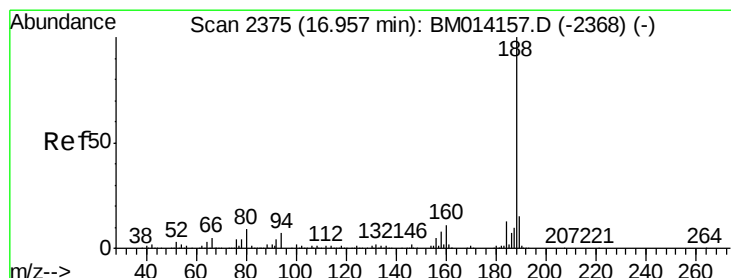
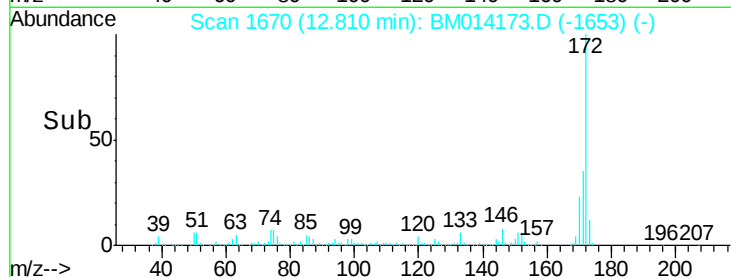
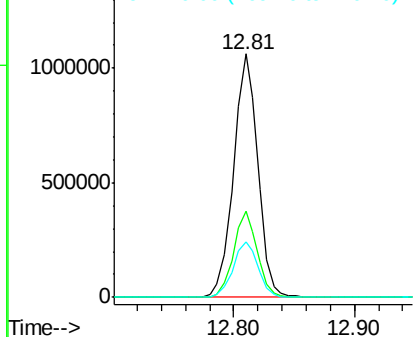
#44
2-Fluorobiphenyl
Concen: 89.76 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1489836
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.5 18.8 28.2

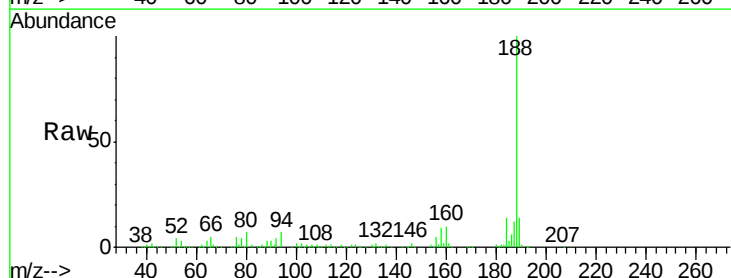


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

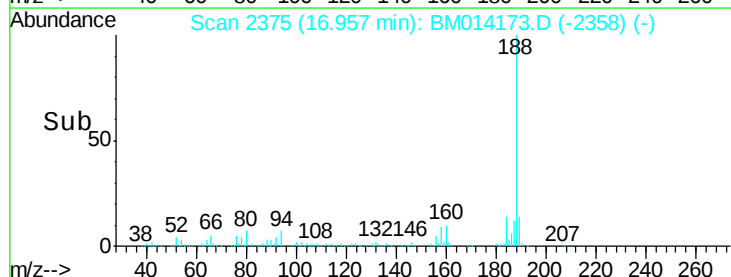
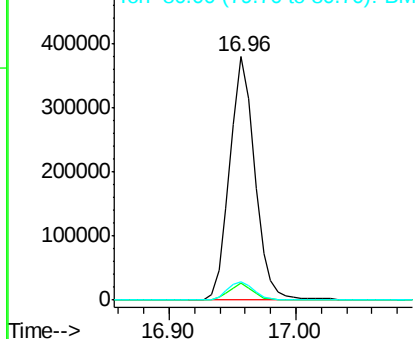


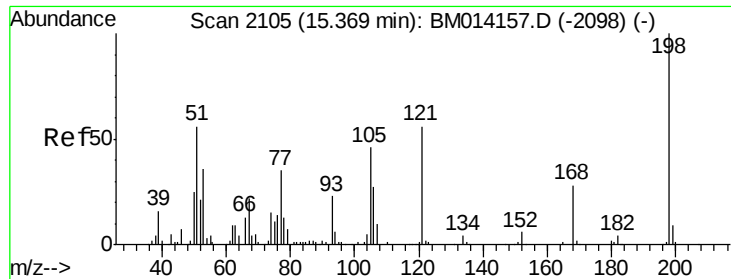
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Tgt Ion:188 Resp: 523317
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 7.4 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

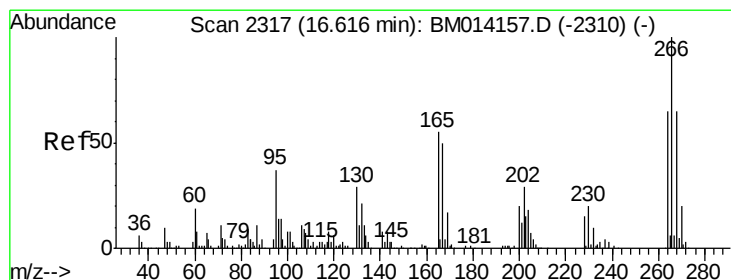
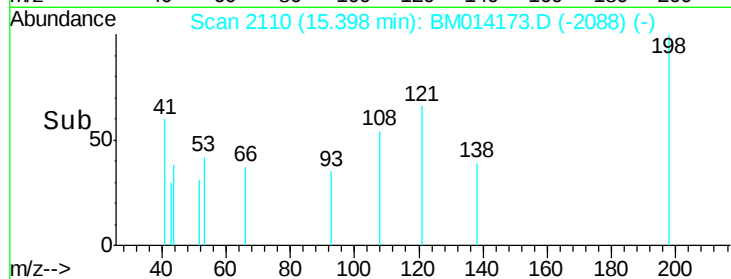
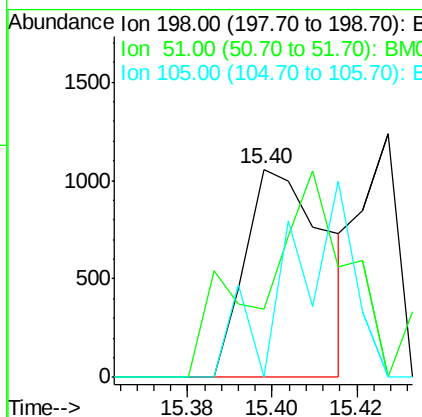
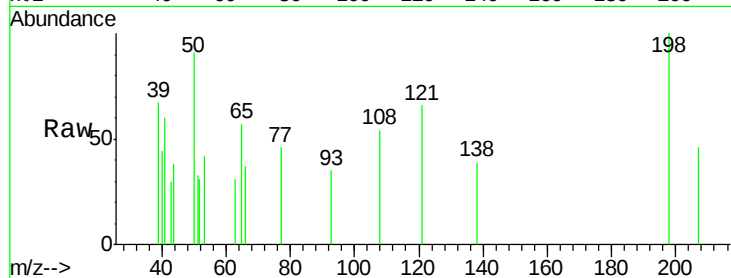




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.92 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. 0.03 min
 Lab File: BM014173.D
 Acq: 07 Feb 2018 22:30

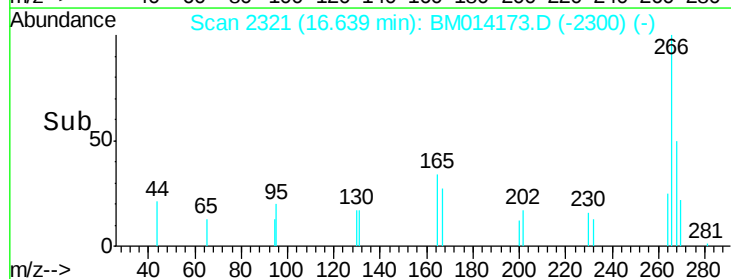
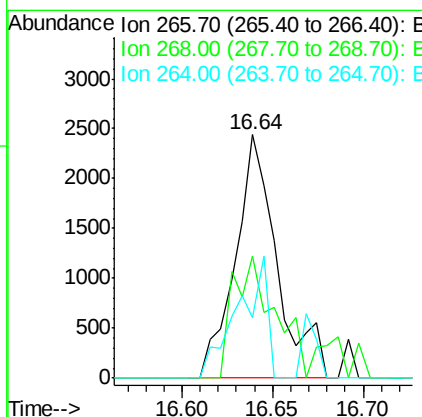
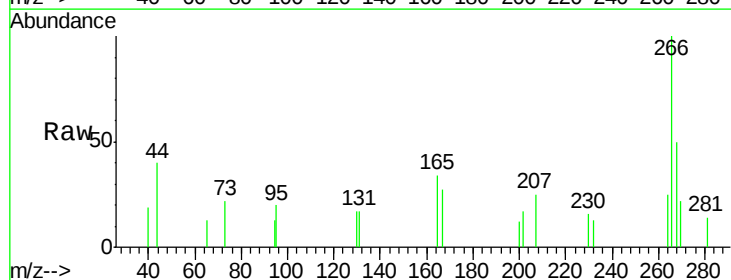
Instrument :
 BNA_F
 ClientSampleId :

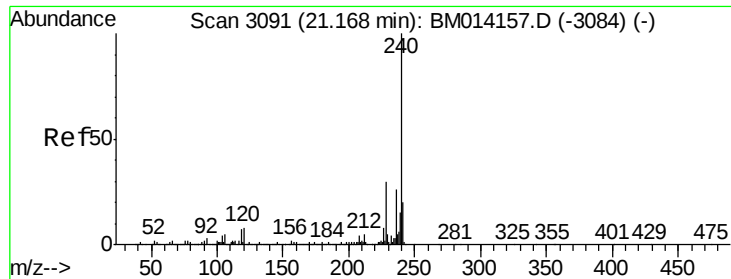
Tot Ion:198 Resp: 1411
 Ion Ratio Lower Upper
 198 100
 51 32.5 28.8 68.8
 105 0.0 30.5 70.5#



#69
 Pentachlorophenol
 Concen: 6.72 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. 0.02 min
 Lab File: BM014173.D
 Acq: 07 Feb 2018 22:30

Tgt Ion:266 Resp: 3912
 Ion Ratio Lower Upper
 266 100
 268 49.9 52.0 78.0#
 264 25.0 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: BM014173.D

Acq: 07 Feb 2018 22:30

Instrument :

BNA_F

ClientSampled :

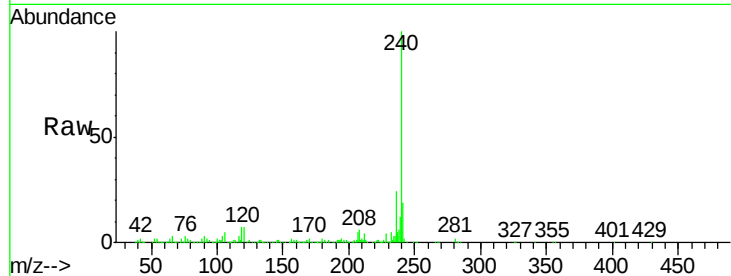
Tot Ion:240 Resp: 586025

Ion Ratio Lower Upper

240 100

120 6.9 8.2 12.2#

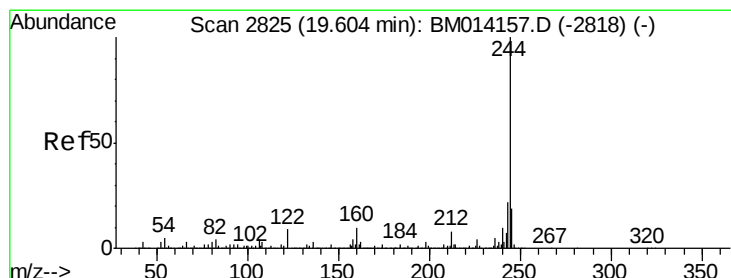
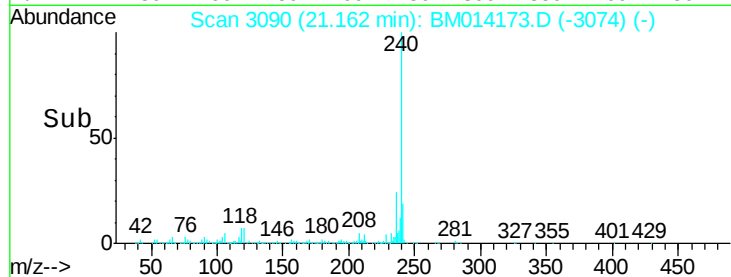
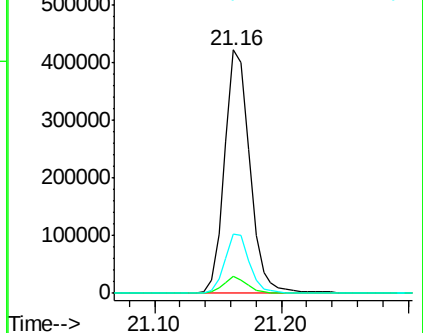
236 24.3 20.0 30.0



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: 84.85 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM014173.D

Acq: 07 Feb 2018 22:30

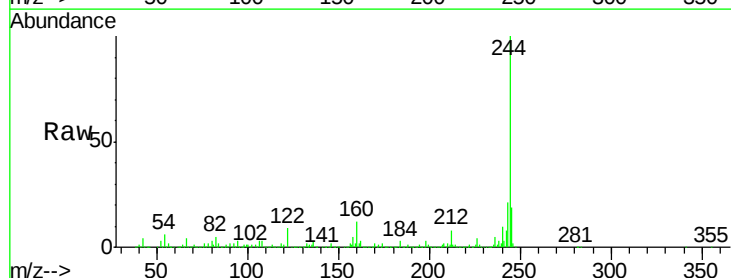
Tgt Ion:244 Resp: 2544678

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

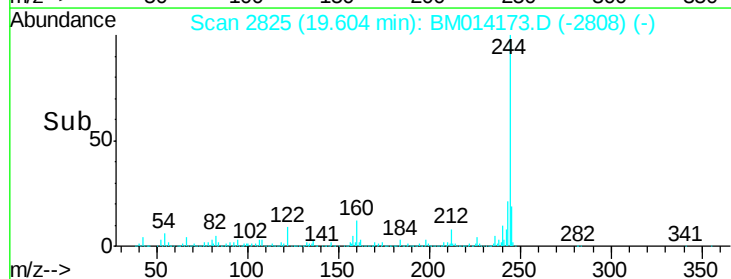
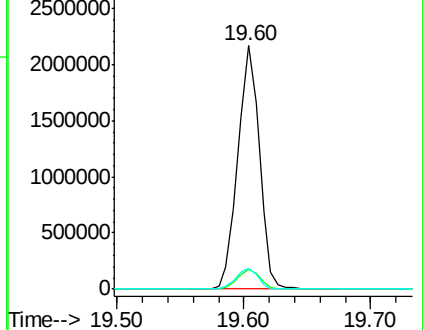
122 8.6 6.2 9.4

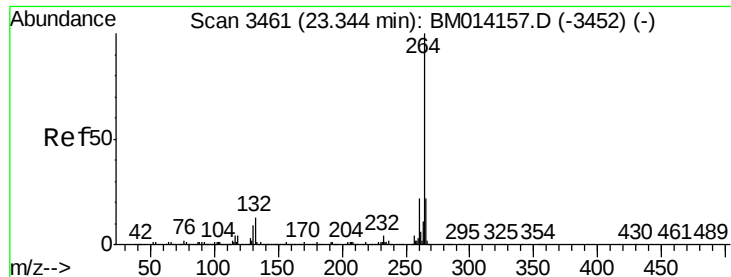


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

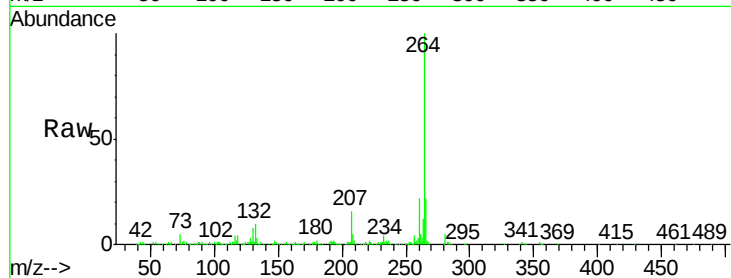




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.34 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: BM014173.D
 Acq: 07 Feb 2018 22:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.6	27.8
265	21.7	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

