

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
 Data File : BF111533.D
 Acq On : 17 Dec 2018 12:20
 Operator : JU/SJ
 Sample : J6377-02 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SD012-0612-02

Quant Time: Dec 18 04:07:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	168980	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	647241	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	284482	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	413076	20.00	ng	0.00
76) Chrysene-d12	13.94	240	358471	20.00	ng	0.00
87) Perylene-d12	15.39	264	350337	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	522867	51.49	ng	0.00
7) Phenol-d6	6.43	99	653551	48.38	ng	0.00
23) Nitrobenzene-d5	7.35	82	423035	38.92	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	98787	38.77	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	764532	41.51	ng	-0.01
79) Terphenyl-d14	12.89	244	552591	36.20	ng	0.00

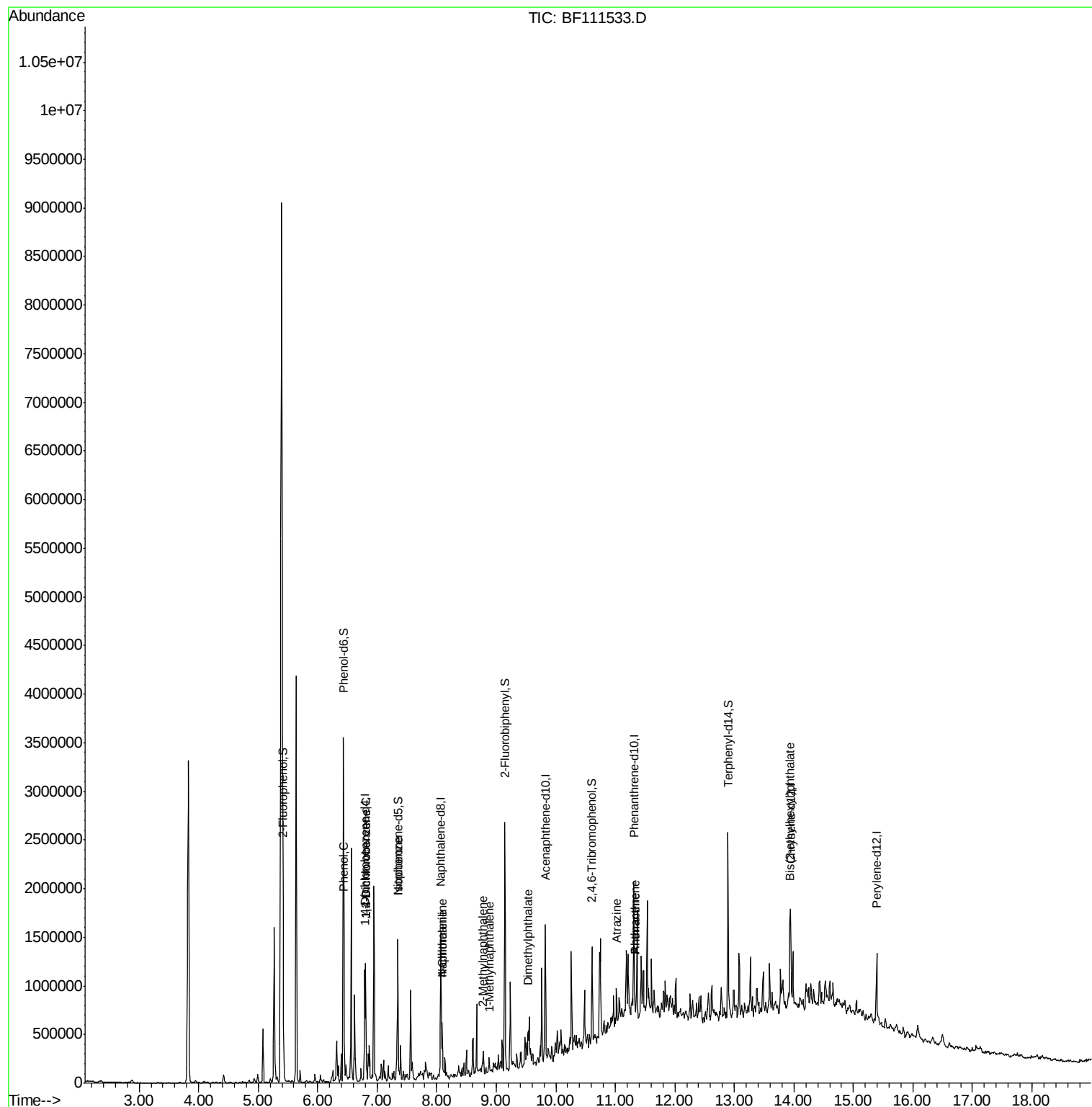
Target Compounds				Qvalue		
10) Phenol	6.45	94	58540	3.890	ng	97
13) 1,4-Dichlorobenzene	6.80	146	252899	18.655	ng	100
14) 1,2-Dichlorobenzene	6.80	146	252899	19.829	ng	97
25) Isophorone	7.35	82	415044	22.568	ng	# 64
31) Naphthalene	8.09	128	221187	7.306	ng	# 94
33) 4-Chloroaniline	8.09	127	26991	2.005	ng	# 31
37) 2-Methylnaphthalene	8.78	142	73838	3.604	ng	98
38) 1-Methylnaphthalene	8.88	142	39804	2.011	ng	100
50) Dimethylphthalate	9.54	163	43877	2.142	ng	# 94
69) Atrazine	11.02	200	37506	9.111	ng	# 41
71) Phenanthrene	11.33	178	51627	2.426	ng	94
72) Anthracene	11.33	178	51627	2.372	ng	95
84) Bis(2-ethylhexyl)phthalate	13.93	149	175509	11.154	ng	100

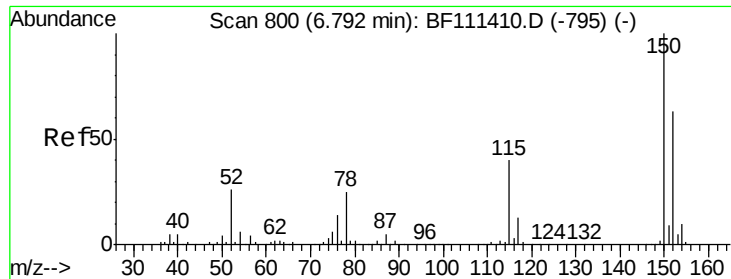
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

Instrument :

BNA_F

ClientSampleId :

P001-SD012-0612-02

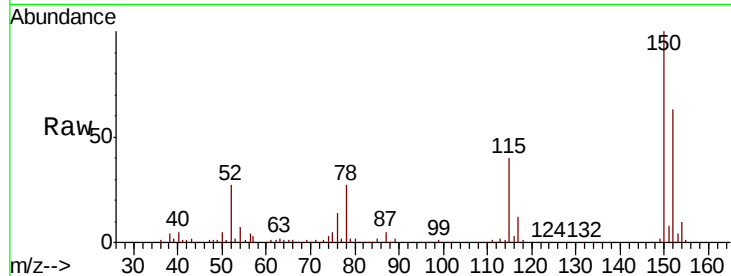
Tgt Ion:152 Resp: 168980

Ion Ratio Lower Upper

152 100

150 157.6 126.6 189.8

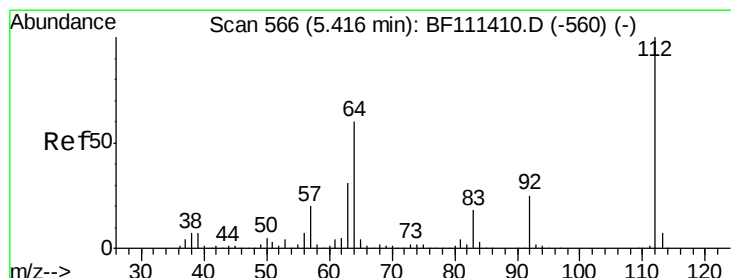
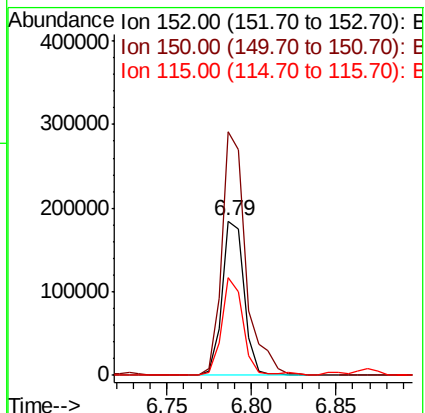
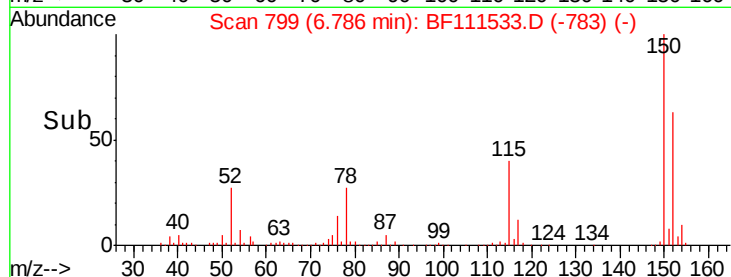
115 63.2 50.7 76.1



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: 51.490 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

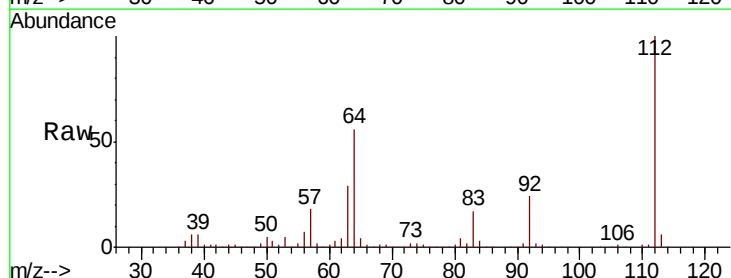
Tgt Ion:112 Resp: 522867

Ion Ratio Lower Upper

112 100

64 56.3 51.8 77.6

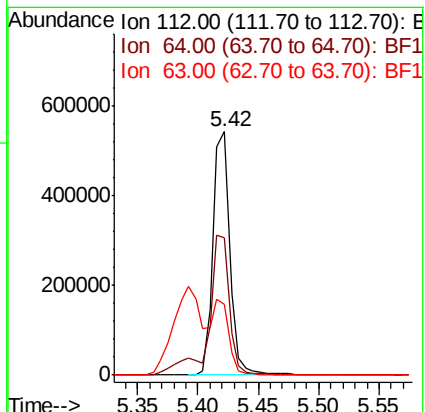
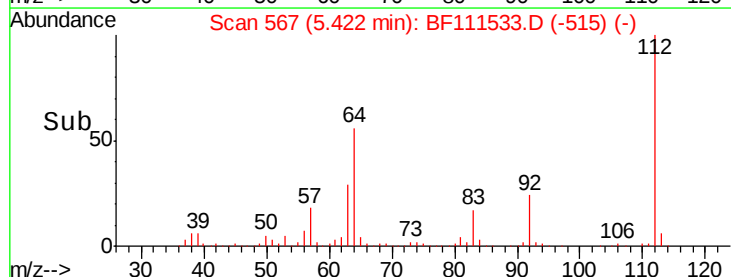
63 29.3 26.8 40.2

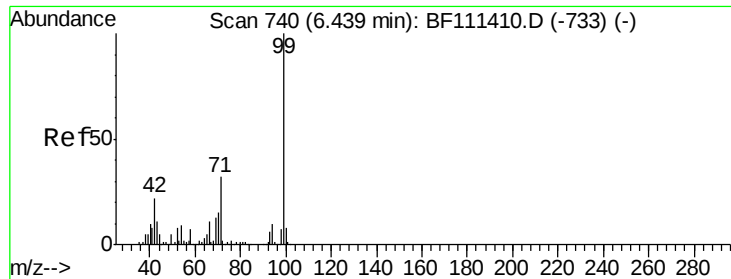


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 48.384 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

Instrument :

BNA_F

ClientSampleId :

P001-SD012-0612-02

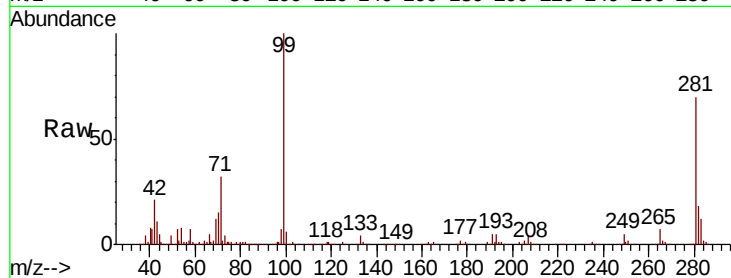
Tgt Ion: 99 Resp: 653551

Ion Ratio Lower Upper

99 100

42 20.5 17.4 26.0

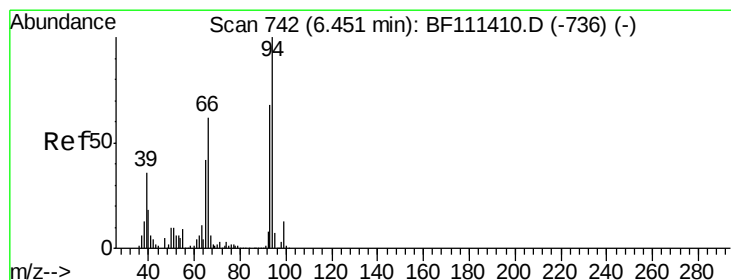
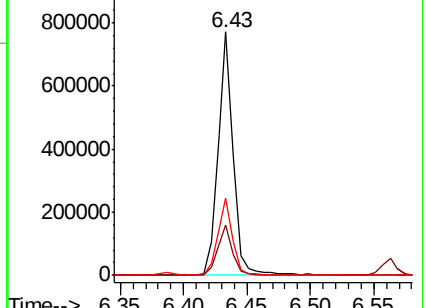
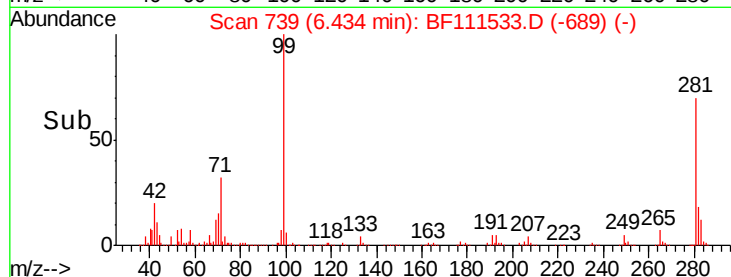
71 31.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.890 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

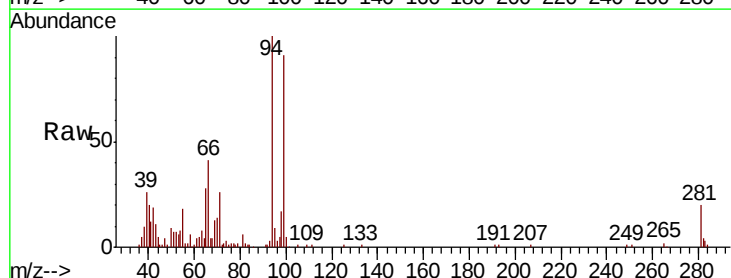
Tgt Ion: 94 Resp: 58540

Ion Ratio Lower Upper

94 100

65 27.7 11.7 51.7

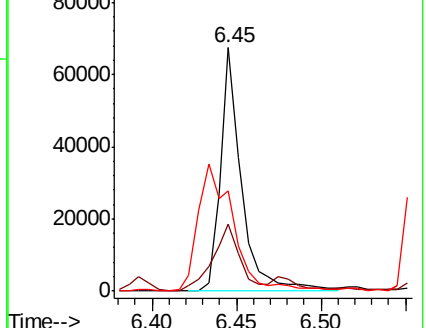
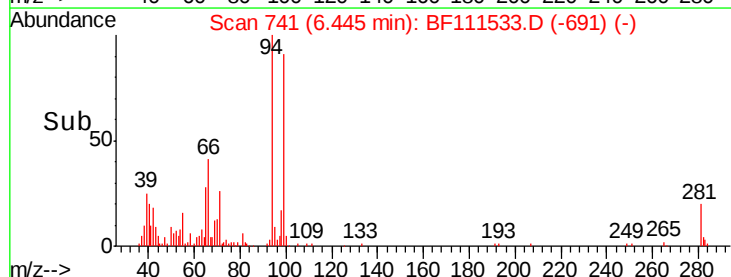
66 41.1 21.0 61.0

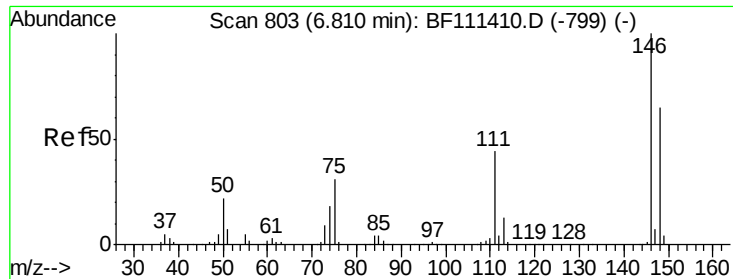


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

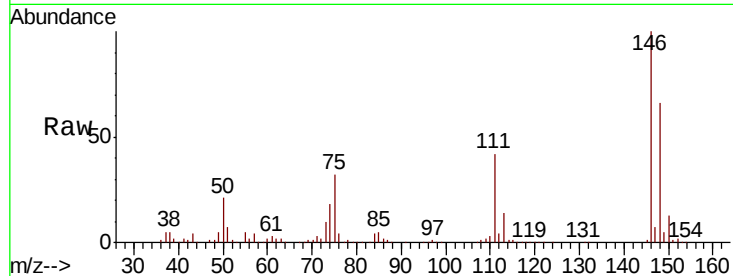




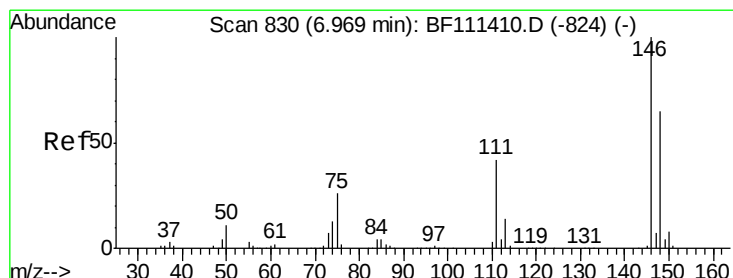
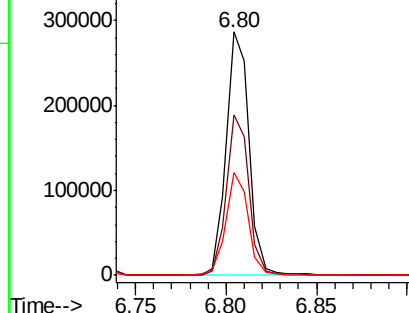
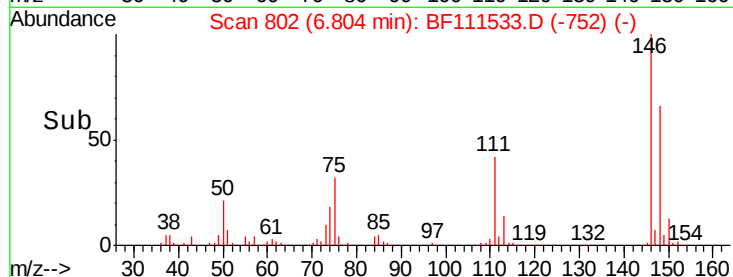
#13
 1,4-Dichlorobenzene
 Concen: 18.655 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF111533.D
 Acq: 17 Dec 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 P001-SD012-0612-02

Tgt Ion:146 Resp: 252899
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.8 79.2
 111 42.2 33.4 50.0

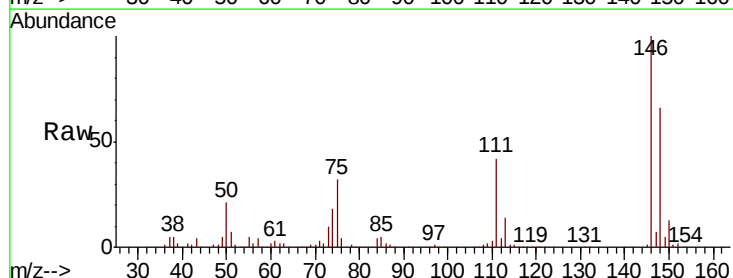


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

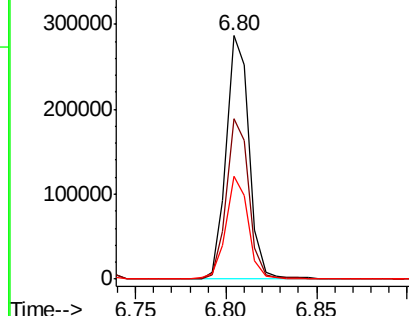
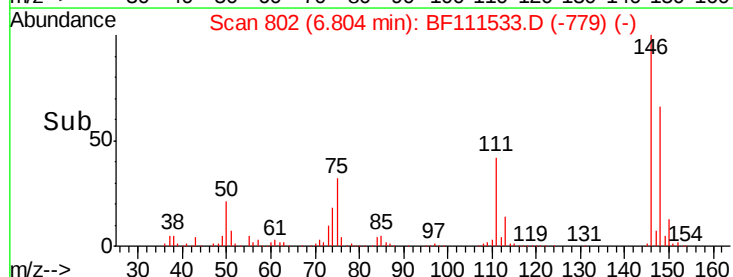


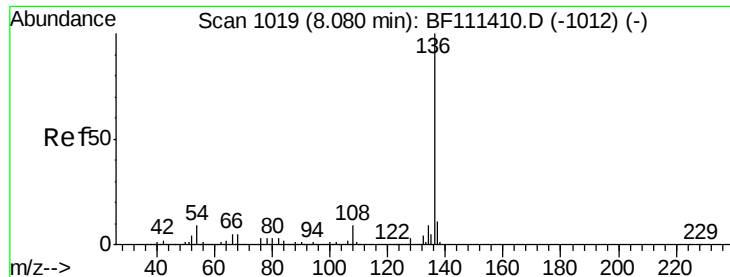
#14
 1,2-Dichlorobenzene
 Concen: 19.829 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.16 min
 Lab File: BF111533.D
 Acq: 17 Dec 2018 12:20

Tgt Ion:146 Resp: 252899
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.9 77.9
 111 42.2 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

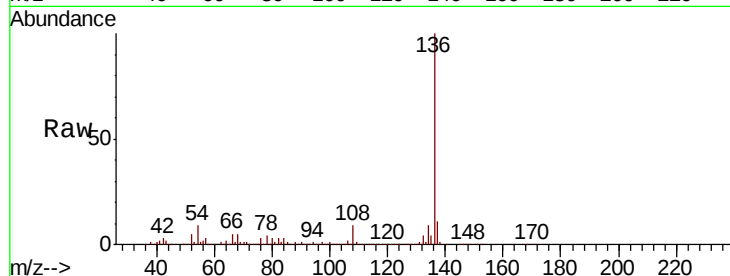




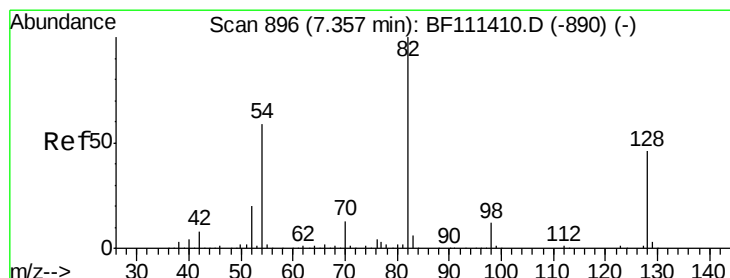
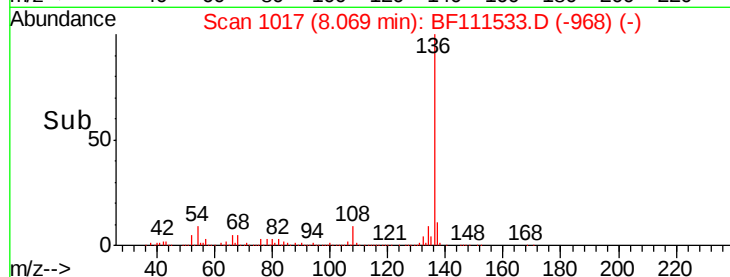
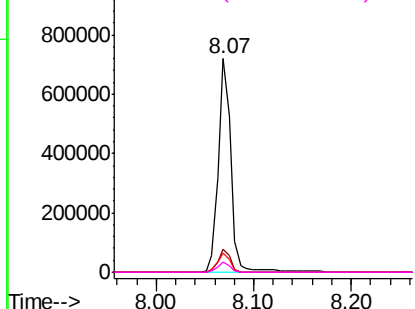
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tgt Ion:	136	Resp:	647241
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.8	7.7	11.5
68	5.0	4.9	7.3

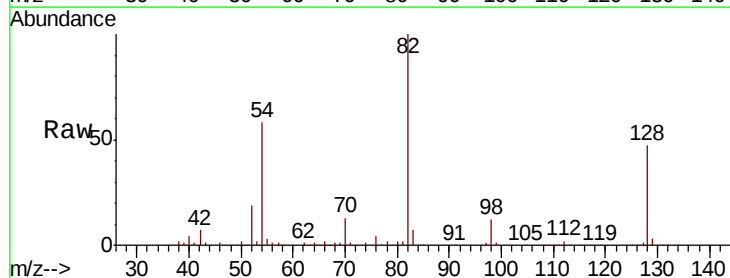


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

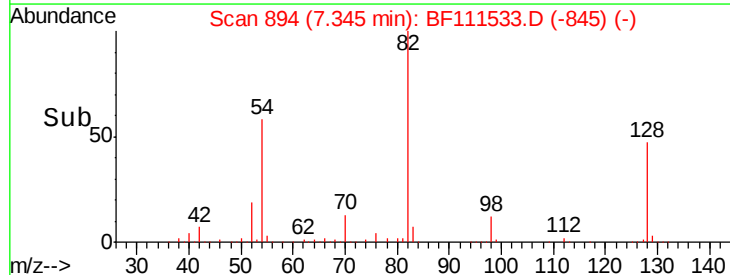
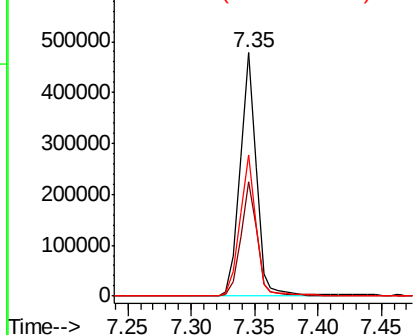


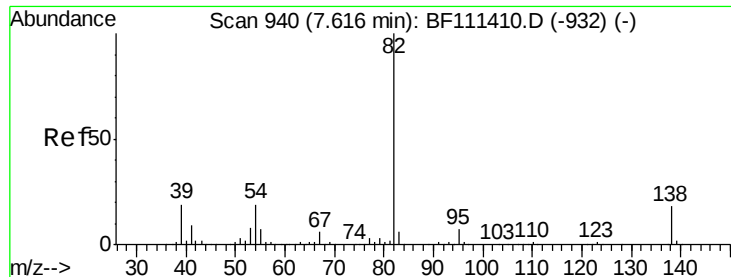
#23
Nitrobenzene-d5
Concen: 38.921 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion:	82	Resp:	423035
Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.4	56.2
54	58.2	47.6	71.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 22.568 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.27 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

Instrument :

BNA_F

ClientSampleId :

P001-SD012-0612-02

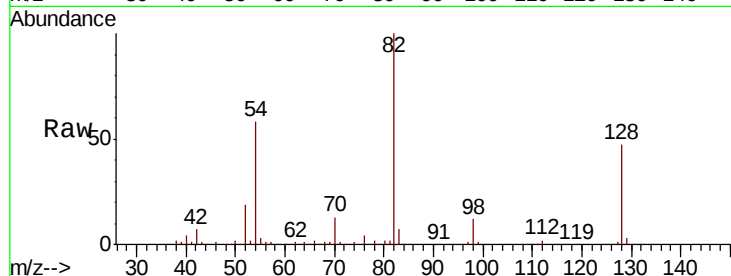
Tgt Ion: 82 Resp: 415044

Ion Ratio Lower Upper

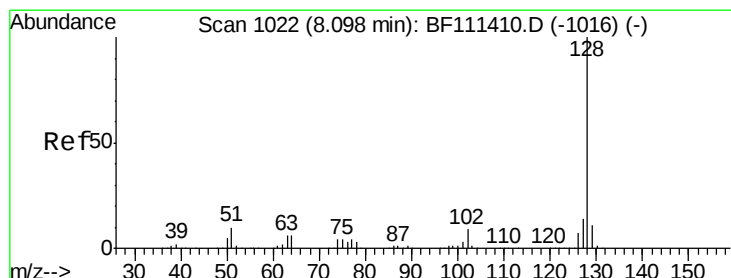
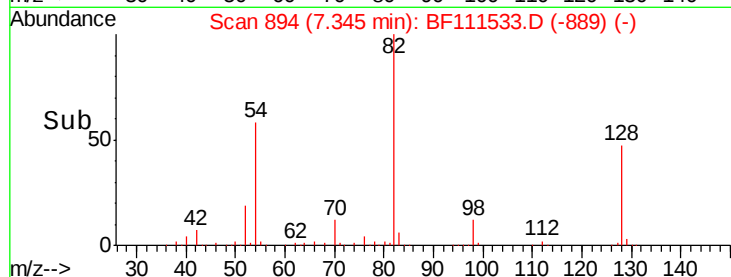
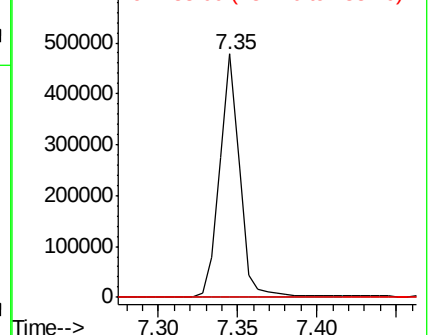
82 100

95 0.3 5.4 8.2#

138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 7.306 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

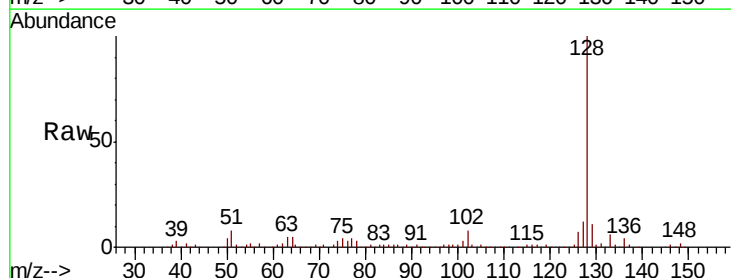
Tgt Ion: 128 Resp: 221187

Ion Ratio Lower Upper

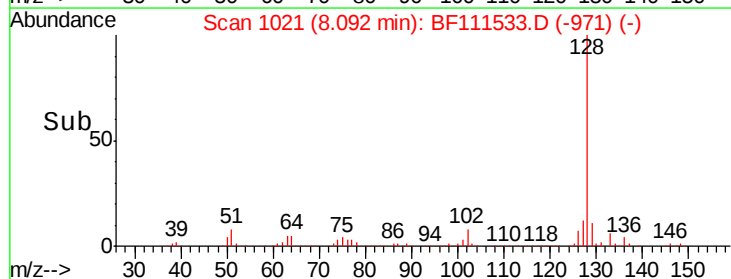
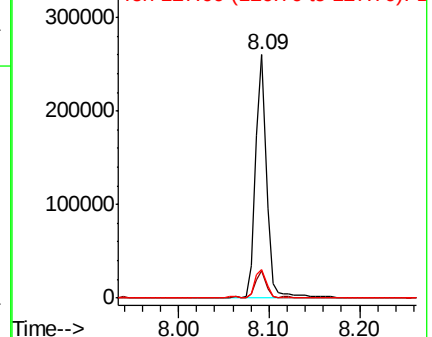
128 100

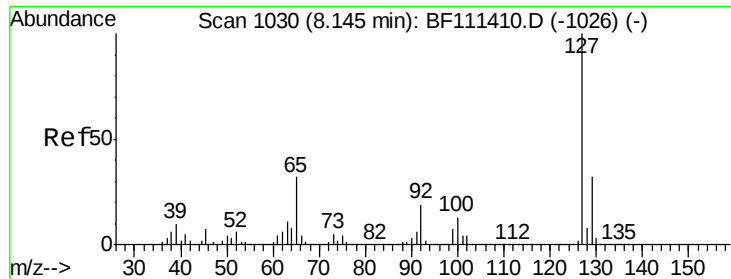
129 11.0 9.8 14.8

127 11.9 12.0 18.0#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

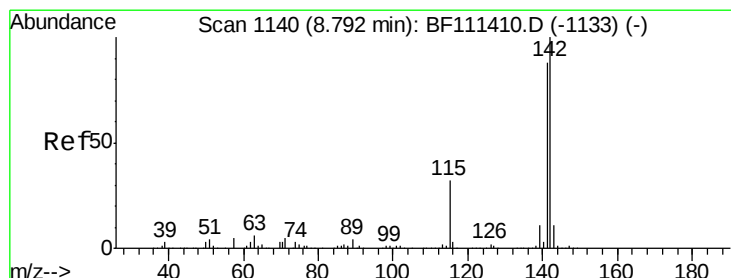
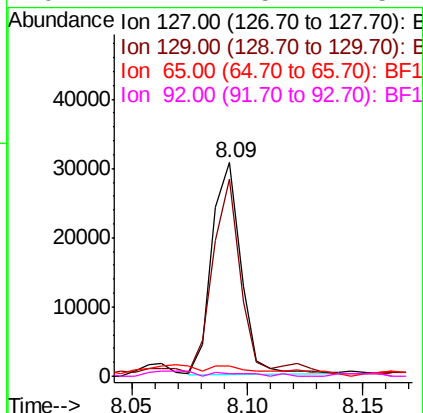
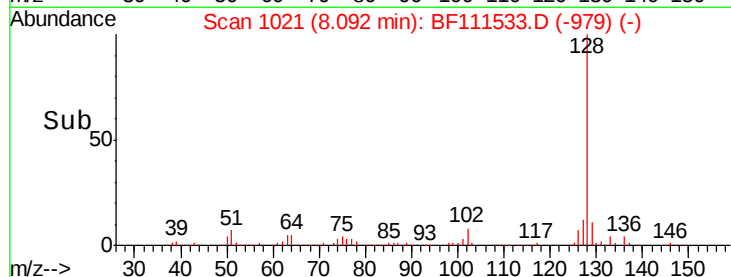
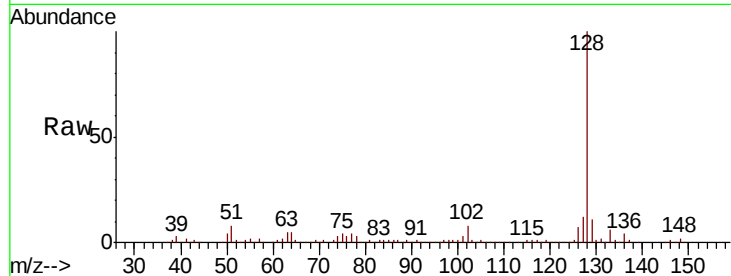




#33
4-Chloroaniline
Concen: 2.005 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.05 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

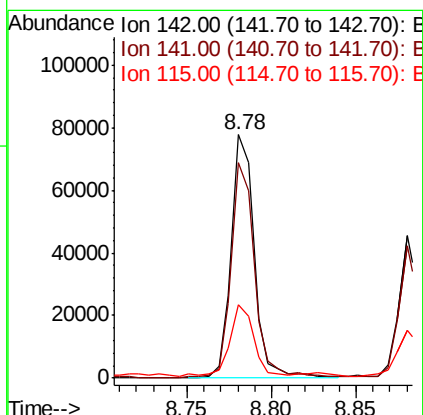
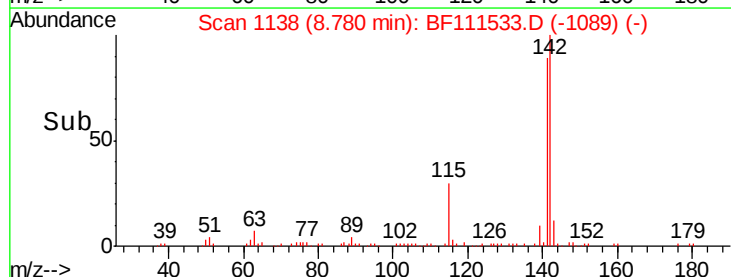
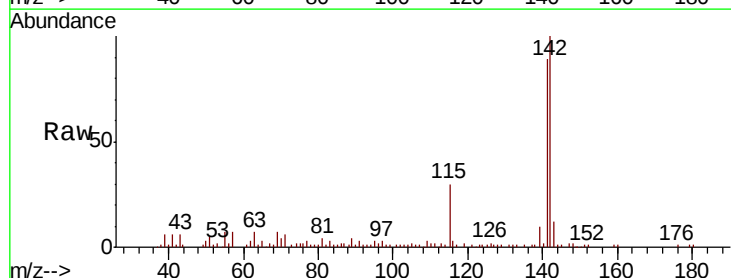
Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

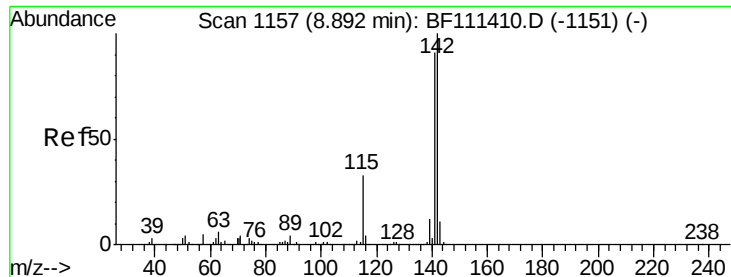
Tgt Ion	Ratio	Lower	Upper
127	100		
129	92.6	26.6	39.8#
65	5.1	25.7	38.5#
92	1.1	15.4	23.2#



#37
2-Methylnaphthalene
Concen: 3.604 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.6	105.8
115	30.1	27.0	40.6

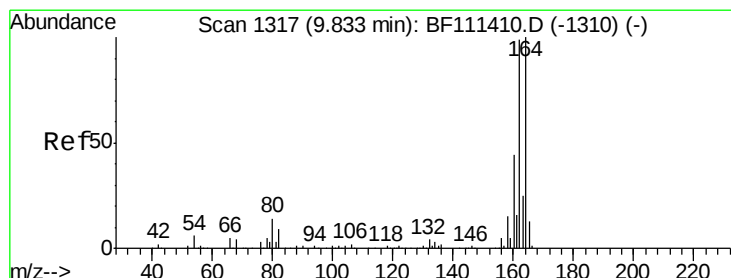
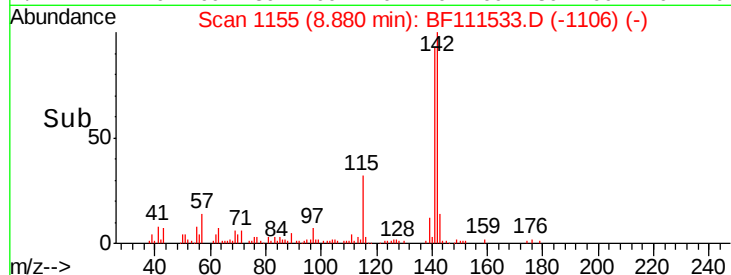
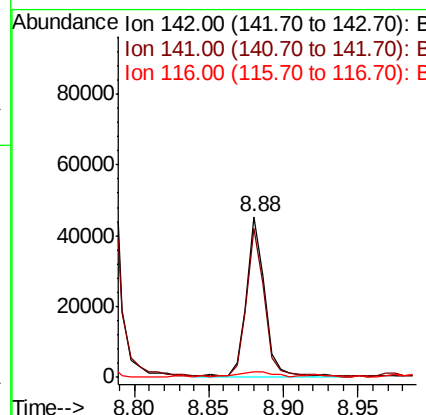
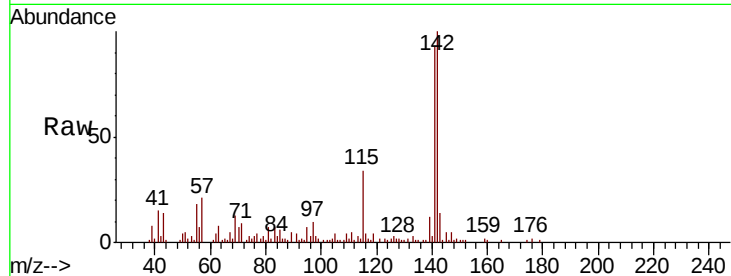




#38
 1-Methylnaphthalene
 Concen: 2.011 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF111533.D
 Acq: 17 Dec 2018 12:20

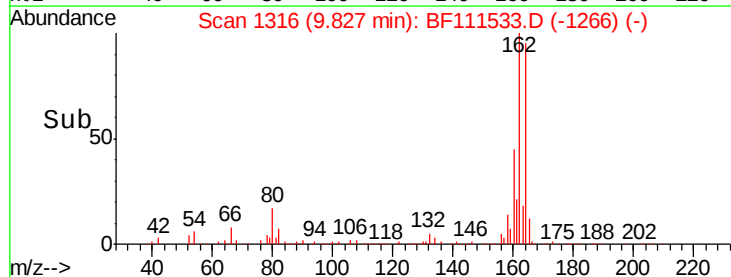
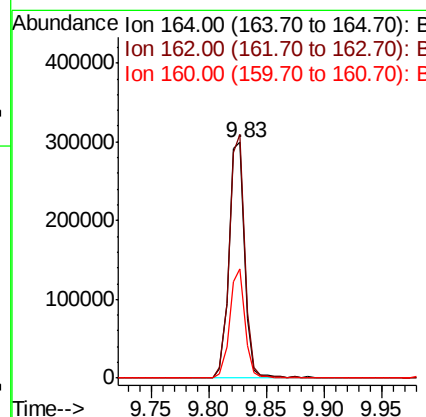
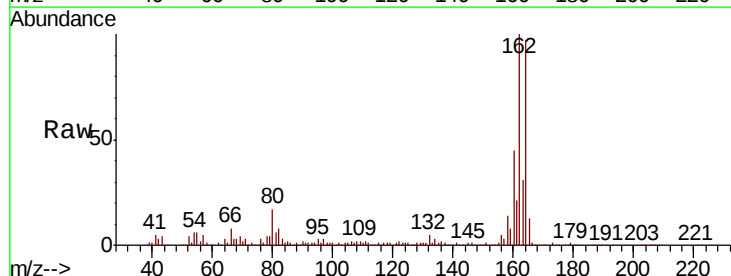
Instrument :
 BNA_F
 ClientSampleId :
 P001-SD012-0612-02

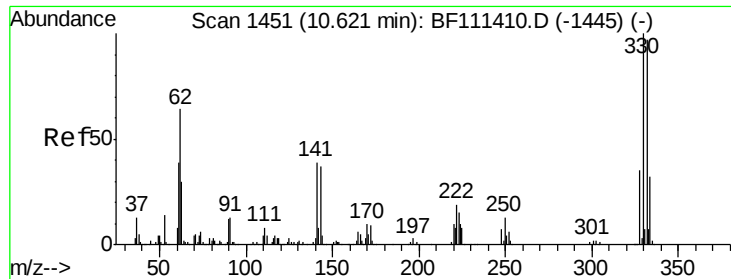
Tgt Ion:142 Resp: 39804
 Ion Ratio Lower Upper
 142 100
 141 92.9 74.2 111.4
 116 3.7 2.9 4.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111533.D
 Acq: 17 Dec 2018 12:20

Tgt Ion:164 Resp: 284482
 Ion Ratio Lower Upper
 164 100
 162 103.5 81.4 122.0
 160 46.3 35.7 53.5

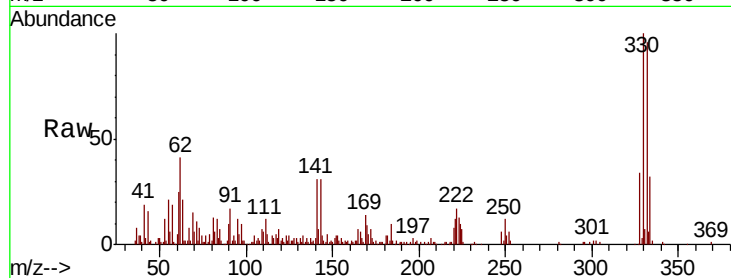




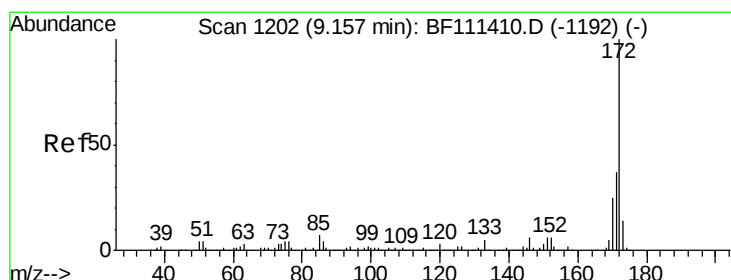
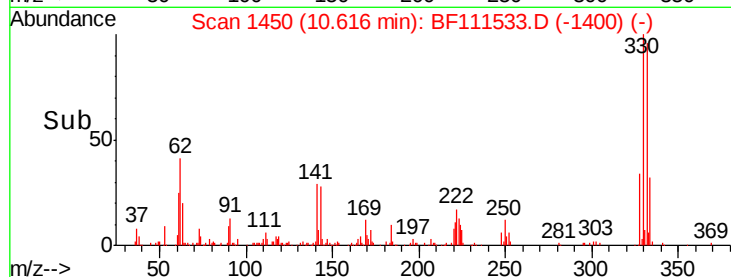
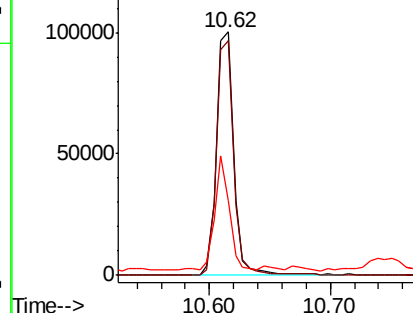
#42
 2,4,6-Tribromophenol
 Concen: 38.765 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111533.D
 Acq: 17 Dec 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 P001-SD012-0612-02

Tgt Ion:330 Resp: 98787
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.0 114.0
 141 39.4 31.0 46.6

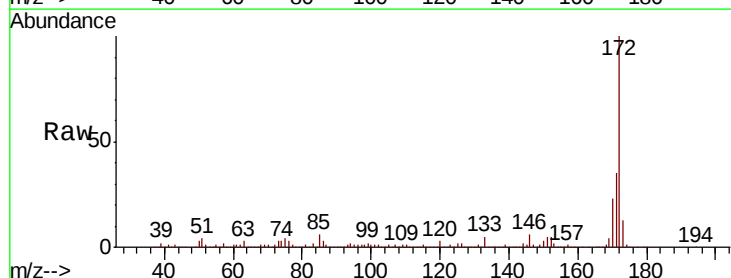


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

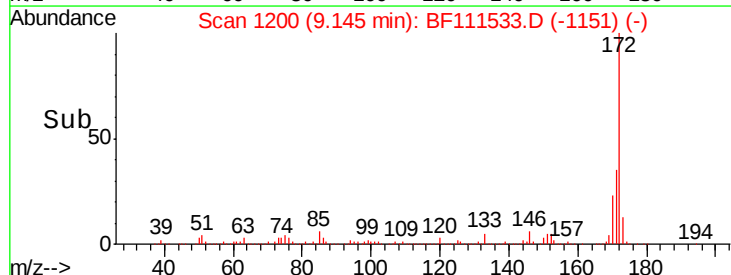
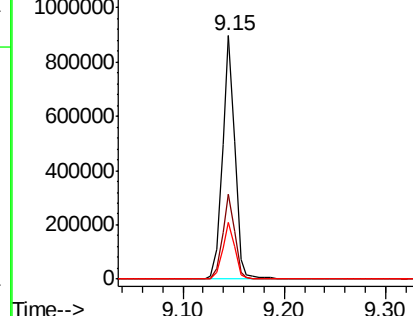


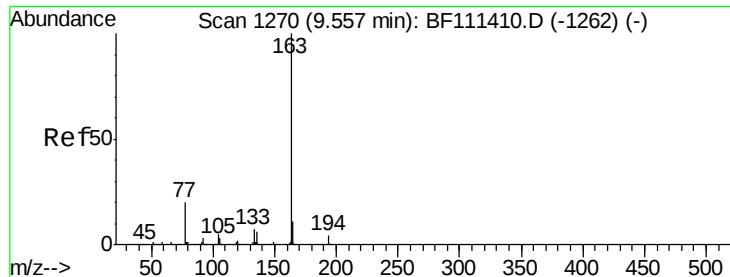
#45
 2-Fluorobiphenyl
 Concen: 41.511 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111533.D
 Acq: 17 Dec 2018 12:20

Tgt Ion:172 Resp: 764532
 Ion Ratio Lower Upper
 172 100
 171 35.0 33.0 49.4
 170 23.3 22.3 33.5



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

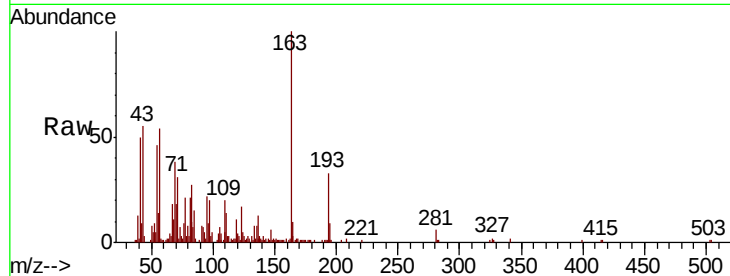




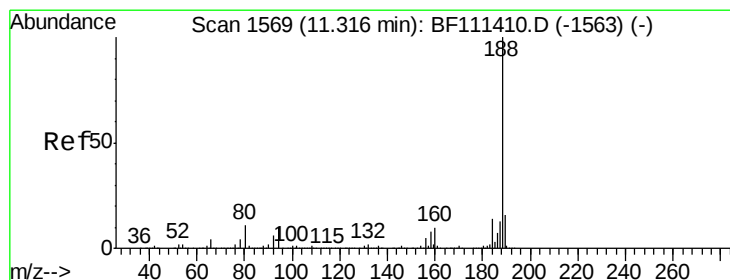
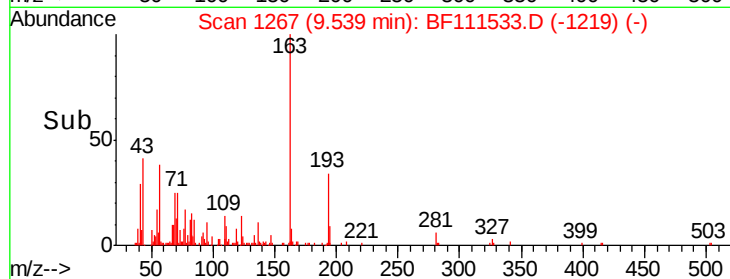
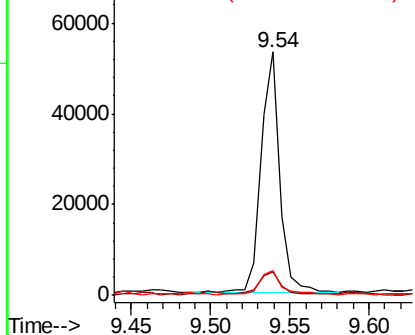
#50
Dimethylphthalate
Concen: 2.142 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tgt Ion:163 Resp: 43877
Ion Ratio Lower Upper
163 100
194 9.4 3.0 4.6#
164 10.1 8.9 13.3

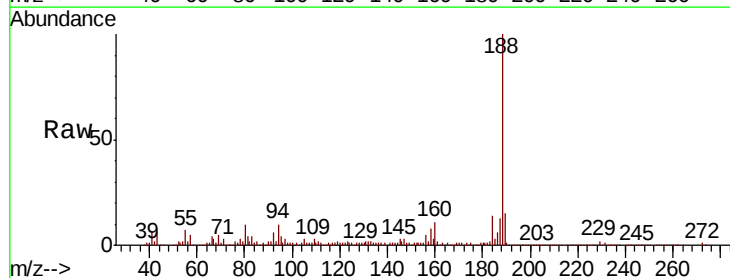


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

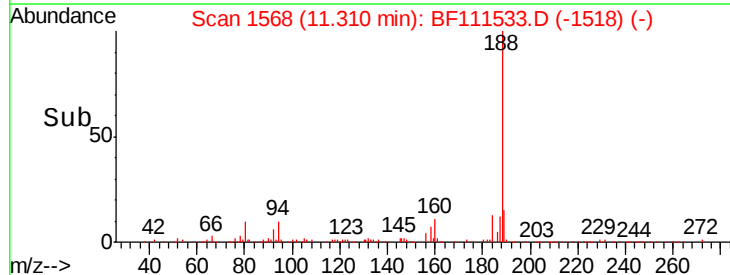
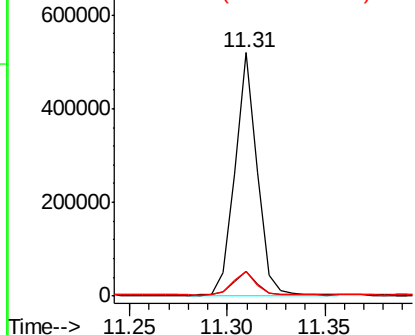


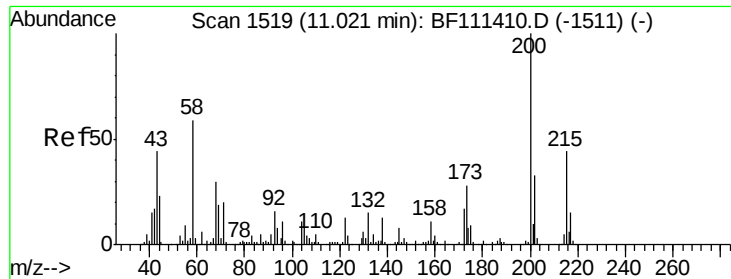
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion:188 Resp: 413076
Ion Ratio Lower Upper
188 100
94 10.0 9.6 14.4
80 10.0 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

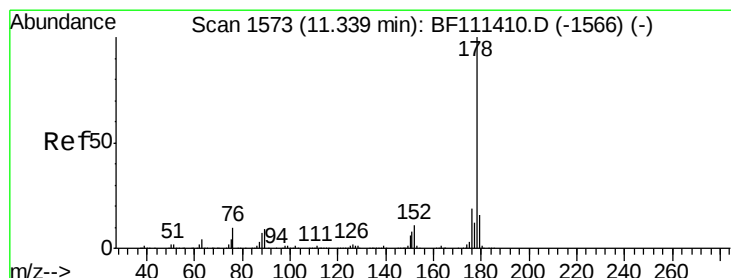
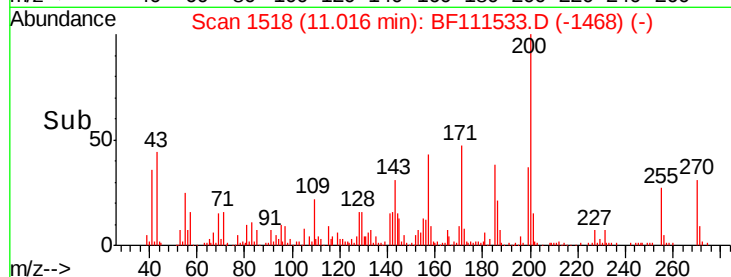
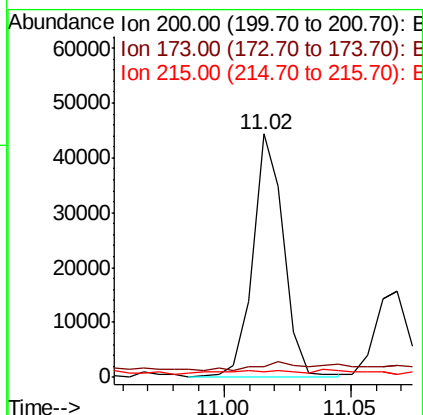
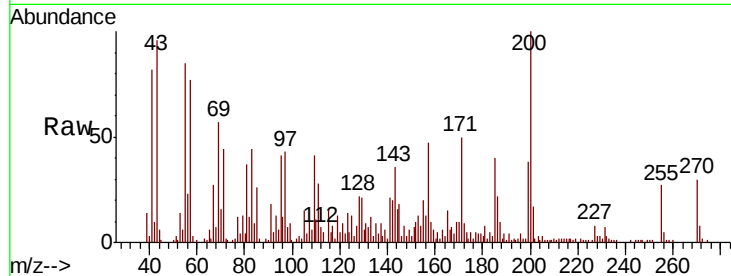




#69
Atrazine
Concen: 9.111 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

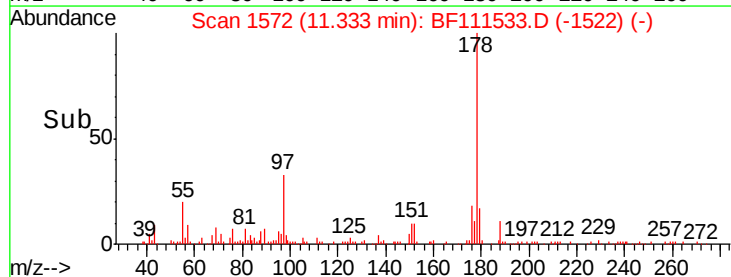
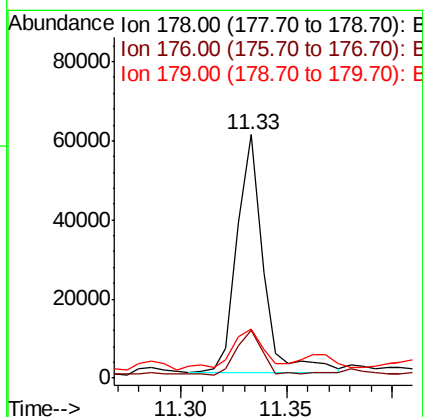
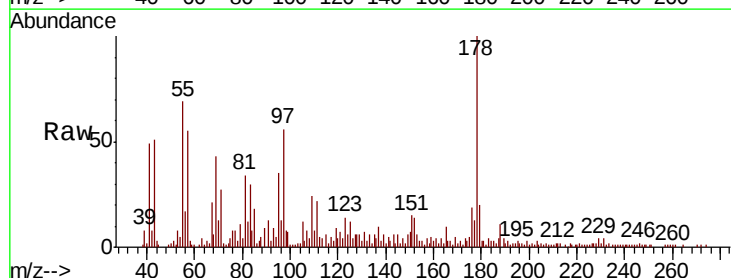
Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

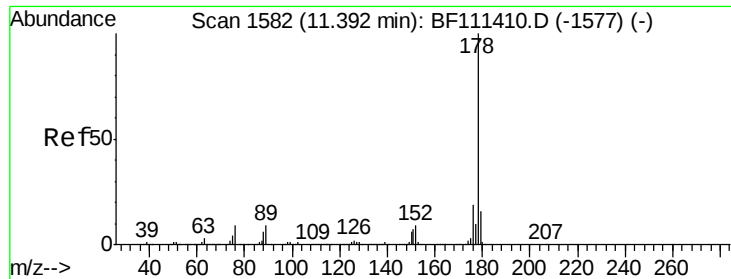
Tgt Ion	Ratio	Lower	Upper
200	100		
173	4.5	10.1	50.1#
215	2.4	26.9	66.9#



#71
Phenanthrene
Concen: 2.426 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	18.1	27.1
179	20.0	14.0	21.0





#72

Anthracene

Concen: 2.372 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.06 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

Instrument :

BNA_F

ClientSampleId :

P001-SD012-0612-02

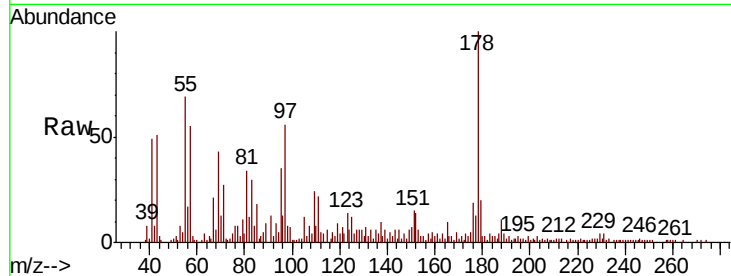
Tgt Ion:178 Resp: 51627

Ion Ratio Lower Upper

178 100

176 19.4 17.2 25.8

179 20.0 13.8 20.8

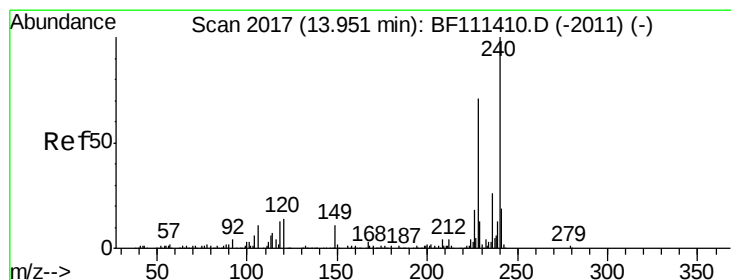
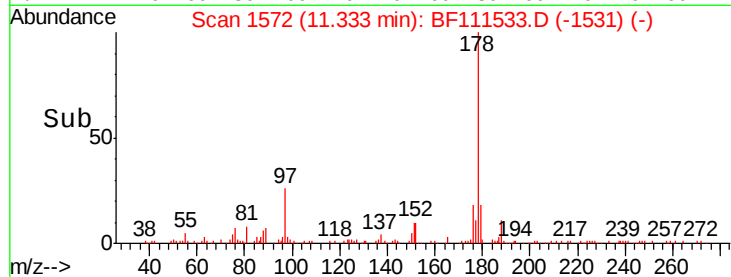
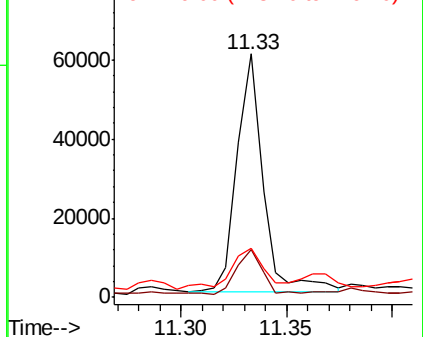


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

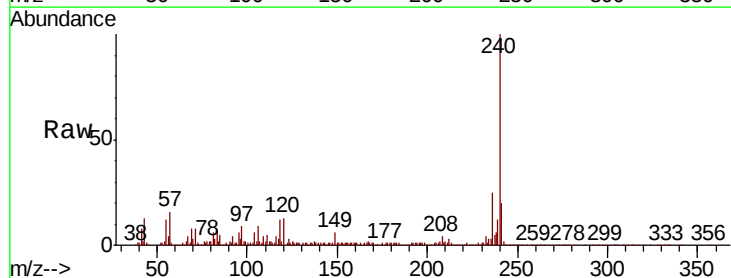
Tgt Ion:240 Resp: 358471

Ion Ratio Lower Upper

240 100

120 13.4 12.2 18.2

236 24.7 20.2 30.2

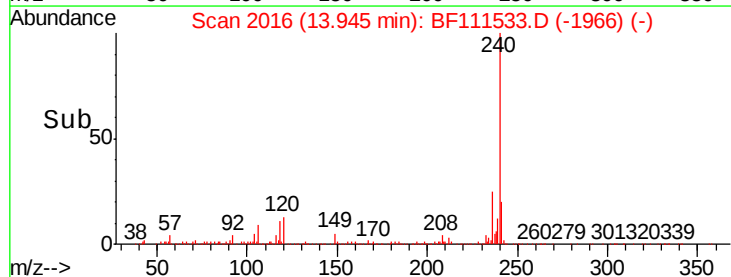
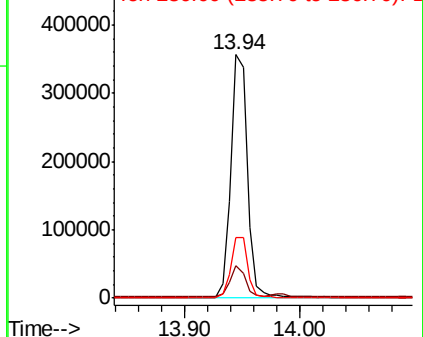


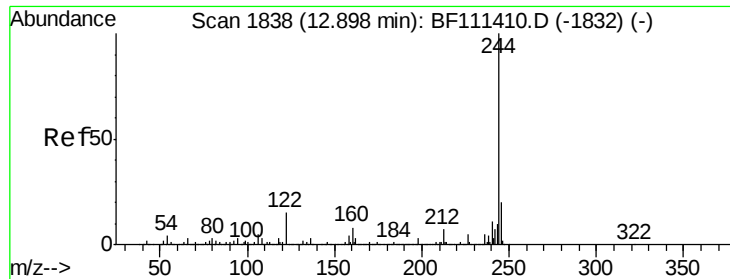
Abundance

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





#79

Terphenyl-d14

Concen: 36.199 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

Instrument :

BNA_F

ClientSampleId :

P001-SD012-0612-02

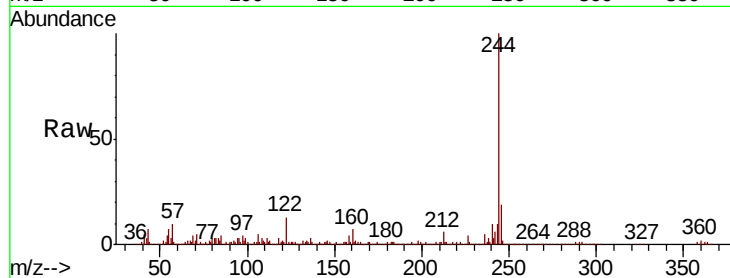
Tgt Ion:244 Resp: 552591

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

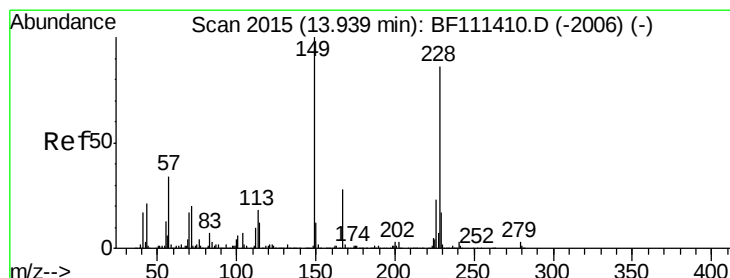
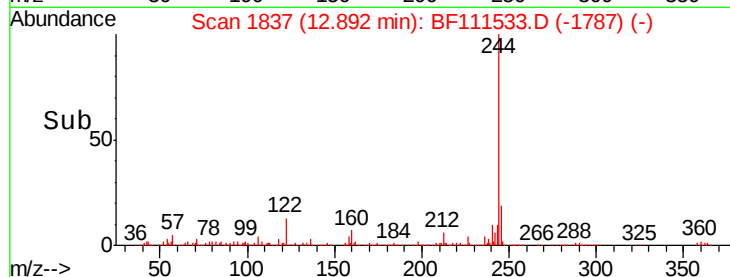
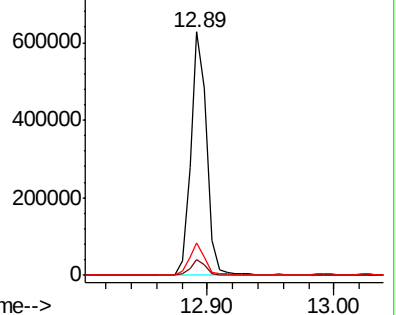
122 13.4 13.1 19.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 11.154 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF111533.D

Acq: 17 Dec 2018 12:20

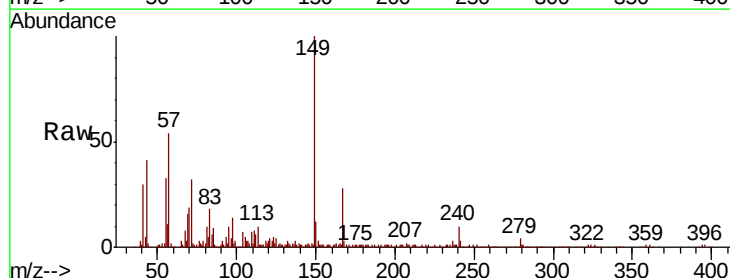
Tgt Ion:149 Resp: 175509

Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

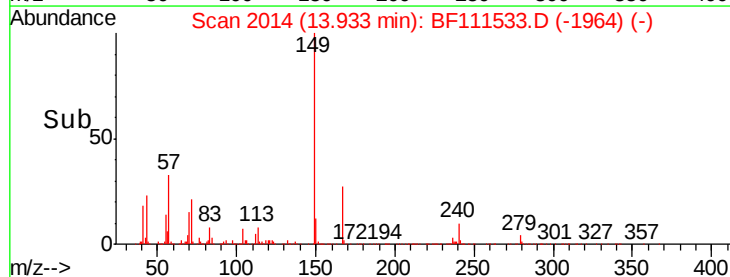
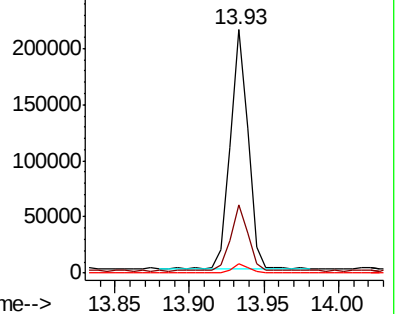
279 3.7 2.6 4.0

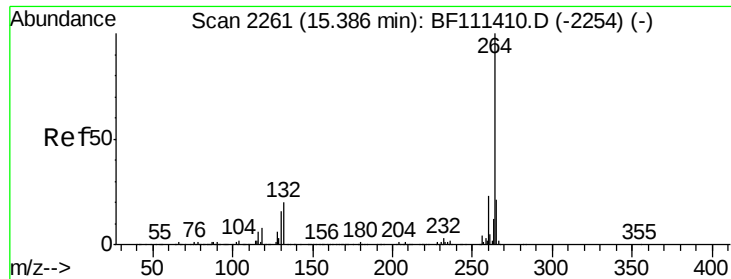


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

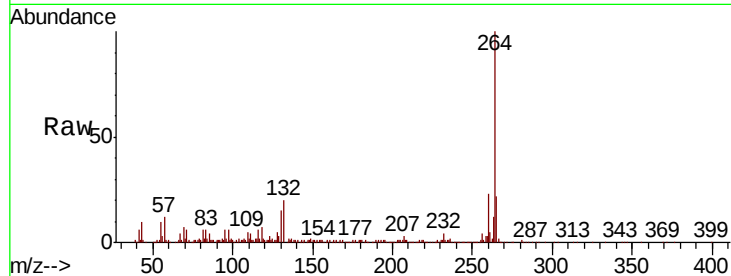




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111533.D
Acq: 17 Dec 2018 12:20

Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

Tgt Ion:	264	Resp:	350337
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	21.8	17.7	26.5



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

