

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110533.D
 Acq On : 6 Nov 2018 23:28
 Operator : JU/SJ
 Sample : J5764-17 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 08:46:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	89910	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	338140	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	127680	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	207975	20.00	ng	0.00
76) Chrysene-d12	14.14	240	148646	20.00	ng	0.00
87) Perylene-d12	15.67	264	108923	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	206937	37.48	ng	0.00
7) Phenol-d6	6.57	99	263685	37.34	ng	0.00
23) Nitrobenzene-d5	7.52	82	151872	26.64	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	41208	32.58	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	276439	34.00	ng	0.00
79) Terphenyl-d14	13.07	244	216862	30.34	ng	0.00

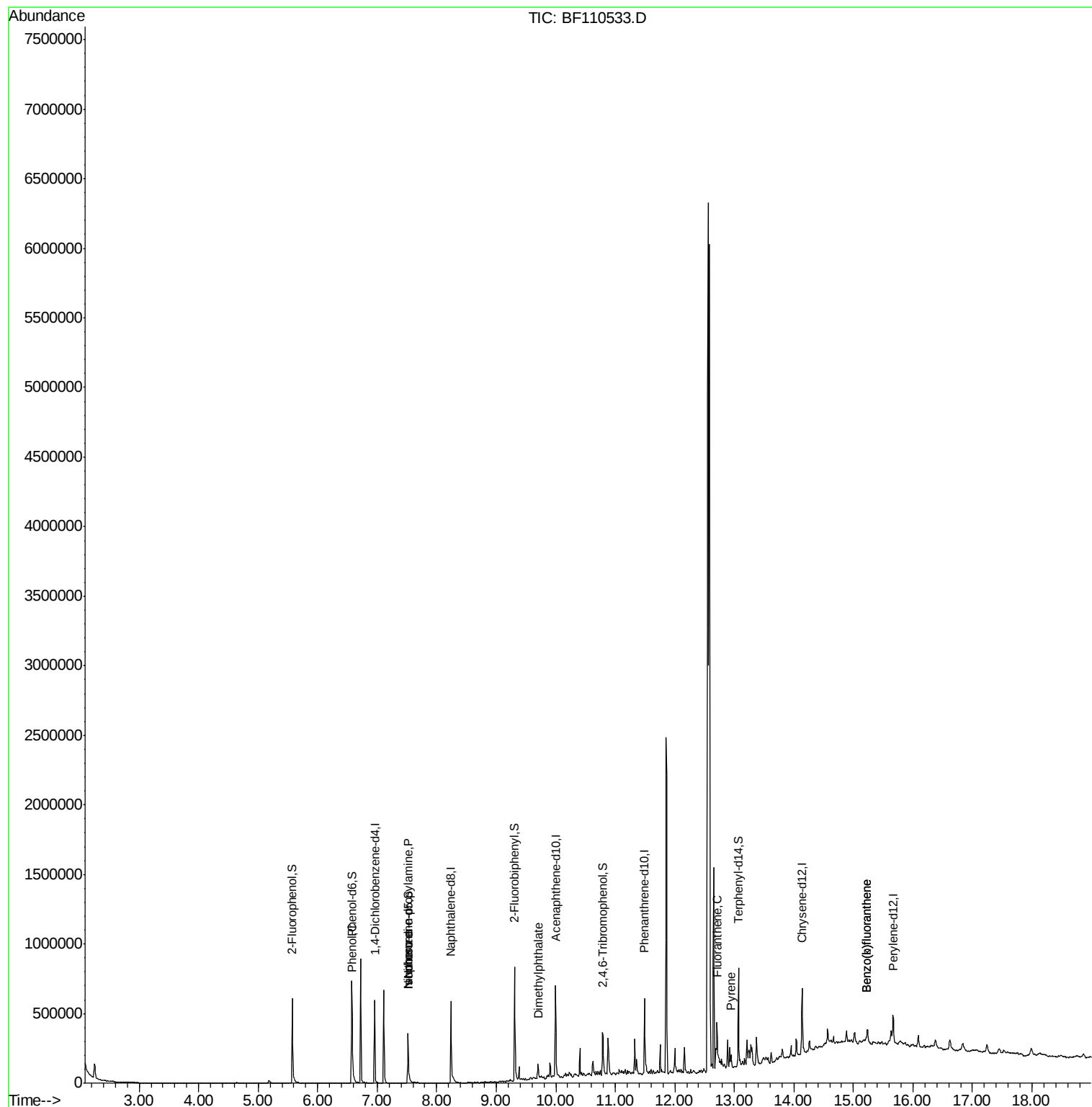
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	413	Below Cal	#	1
10) Phenol	6.59	94	20238	2.68	ng	80
19) n-Nitroso-di-n-propylamine	7.52	70	19907	4.39	ng	82
25) Isophorone	7.52	82	151872	15.63	ng	67
50) Dimethylphthalate	9.70	163	41218	4.37	ng	99
75) Fluoranthene	12.71	202	33129	3.00	ng	95
77) Benzydine	12.80	184	219	Below Cal	#	1
78) Pyrene	12.95	202	32686	3.07	ng	99
88) Benzo(b)fluoranthene	15.22	252	16390	2.61	ng	48
89) Benzo(k)fluoranthene	15.22	252	16390	2.65	ng	47

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110533.D
Acq On : 6 Nov 2018 23:28
Operator : JU/SJ
Sample : J5764-17 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 07 08:46:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

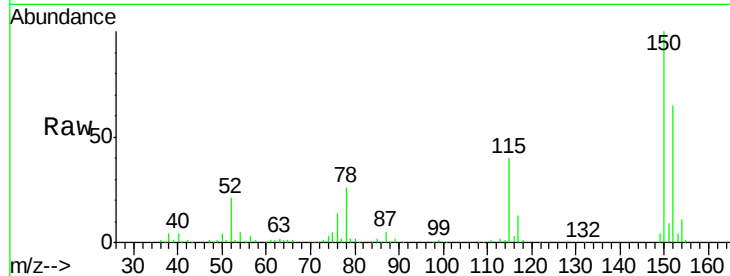




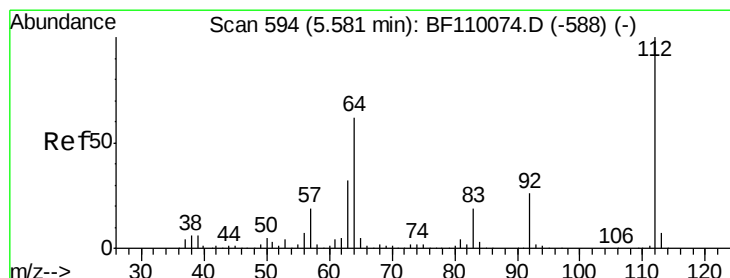
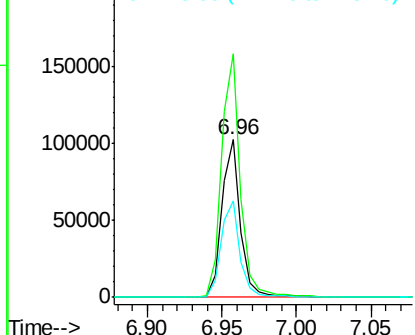
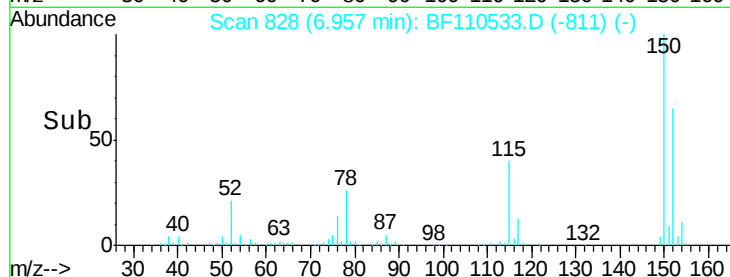
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110533.D
 Acq: 6 Nov 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 89910
 Ion Ratio Lower Upper
 152 100
 150 154.3 122.7 184.1
 115 61.0 49.1 73.7

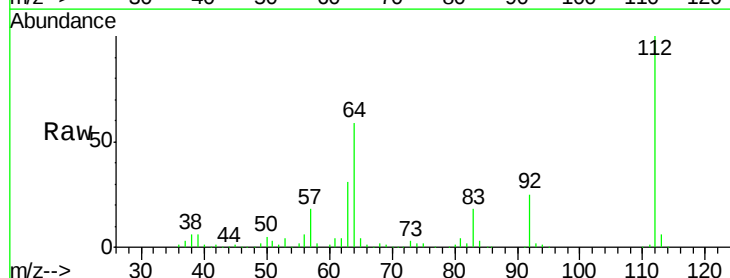


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

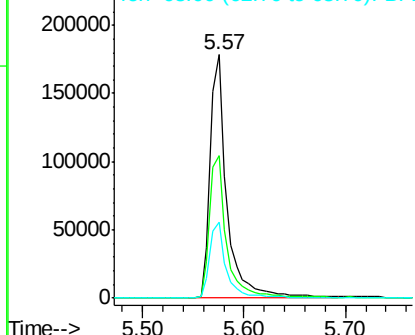
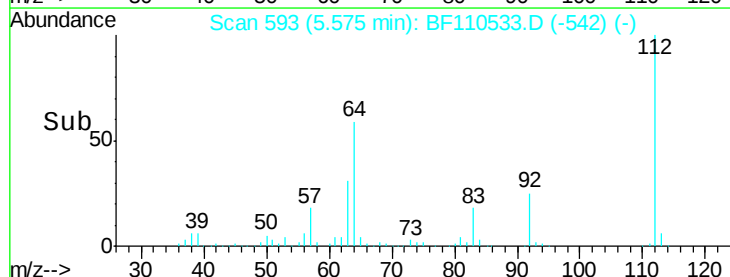


#5
 2-Fluorophenol
 Concen: 37.48 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF110533.D
 Acq: 6 Nov 2018 23:28

Tgt Ion:112 Resp: 206937
 Ion Ratio Lower Upper
 112 100
 64 58.8 44.1 66.1
 63 31.1 23.7 35.5



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: 37.34 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110533.D

Acq: 6 Nov 2018 23:28

Instrument :

BNA_F

ClientSampleId :

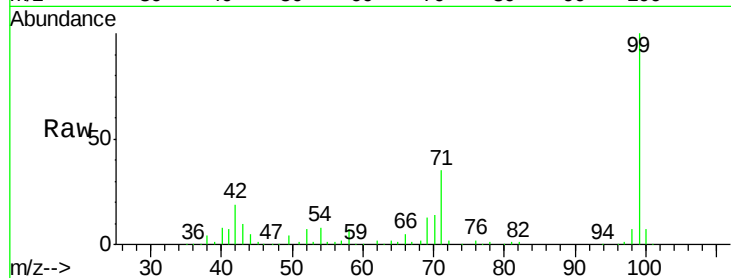
Tot Ion: 99 Resp: 263685

Ion Ratio Lower Upper

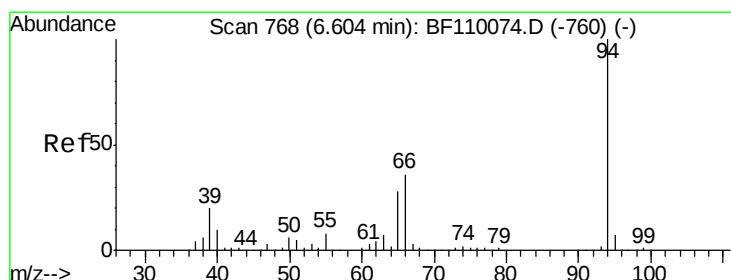
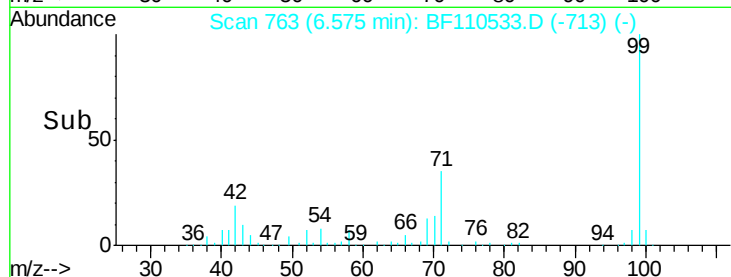
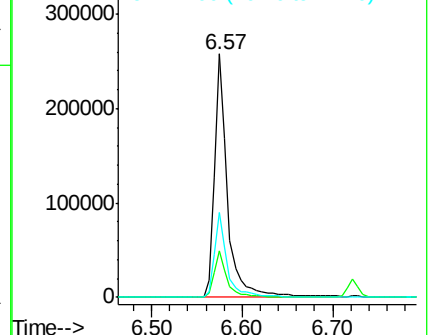
99 100

42 18.9 15.8 23.6

71 34.7 28.0 42.0



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: 2.68 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110533.D

Acq: 6 Nov 2018 23:28

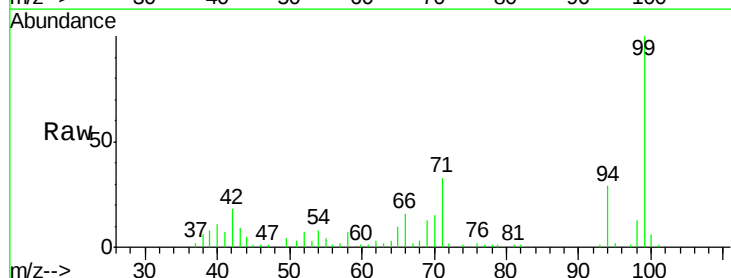
Tgt Ion: 94 Resp: 20238

Ion Ratio Lower Upper

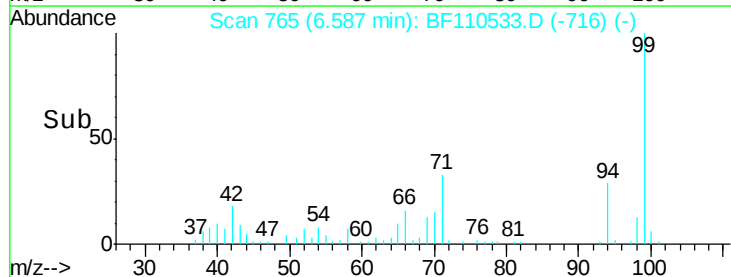
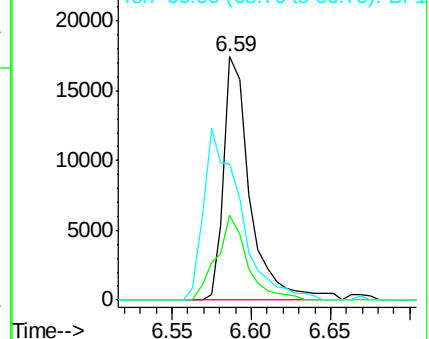
94 100

65 34.6 25.3 65.3

66 55.7 54.5 94.5



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

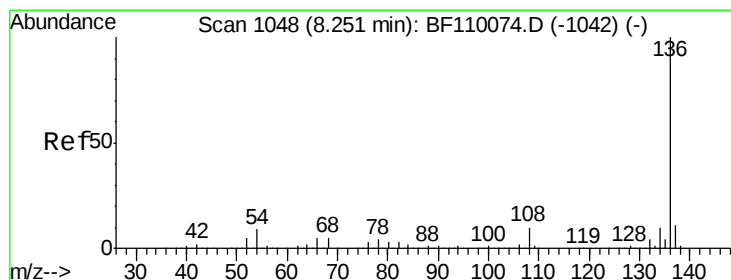
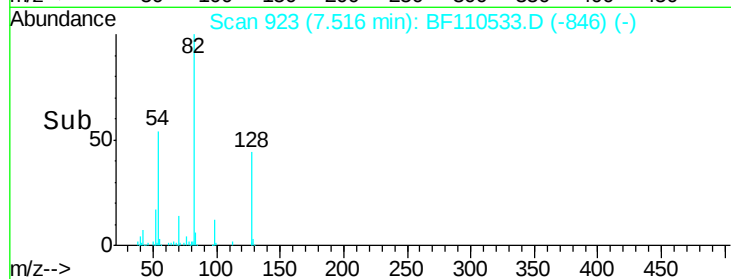
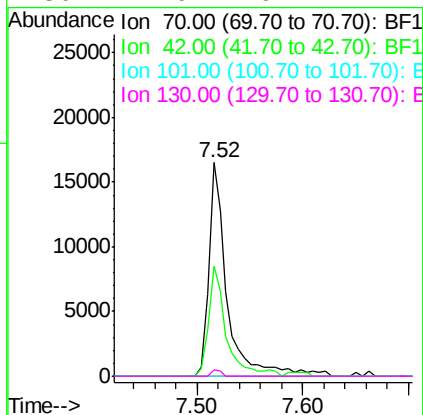
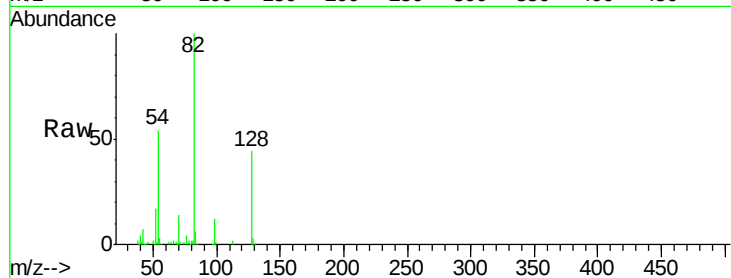




#19
n-Nitroso-di-n-propylamine
Concen: 4.39 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

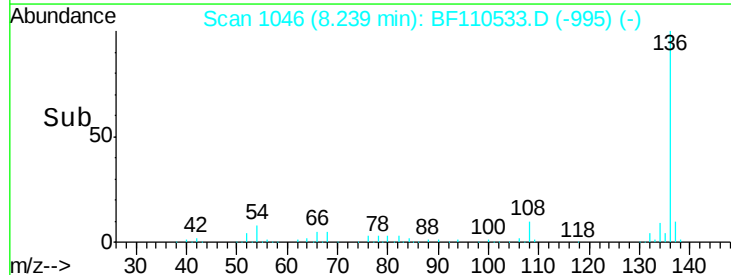
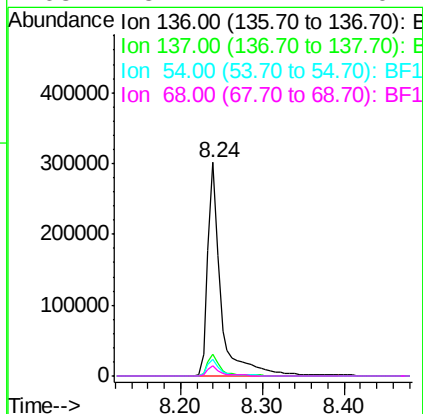
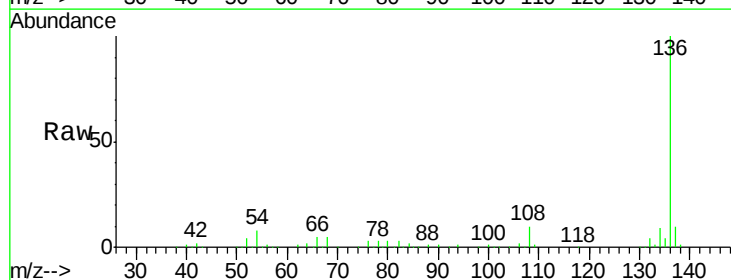
Instrument :
BNA_F
ClientSampleId :

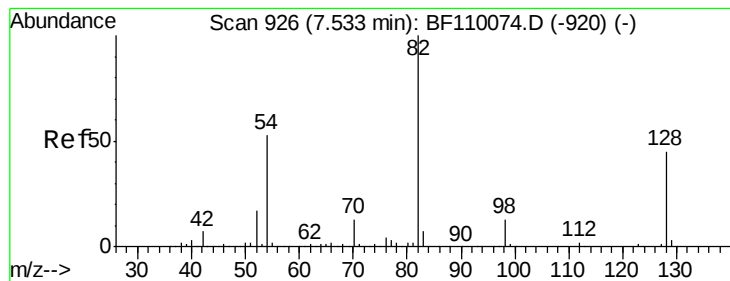
Tot Ion: 70 Resp: 19907
Ion Ratio Lower Upper
70 100
42 51.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Tgt Ion: 136 Resp: 338140
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.8 5.4 8.2
68 5.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 26.64 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF110533.D

Acq: 6 Nov 2018 23:28

Instrument :

BNA_F

ClientSampleId :

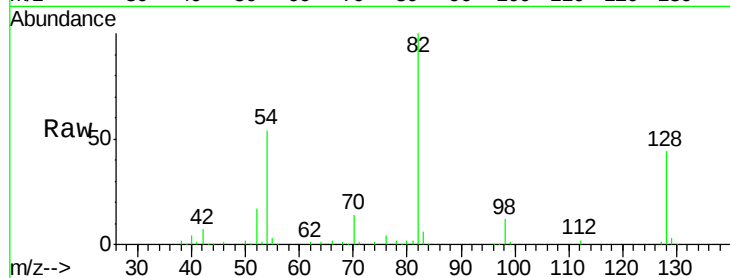
Tot Ion: 82 Resp: 151872

Ion Ratio Lower Upper

82 100

128 43.5 34.2 51.2

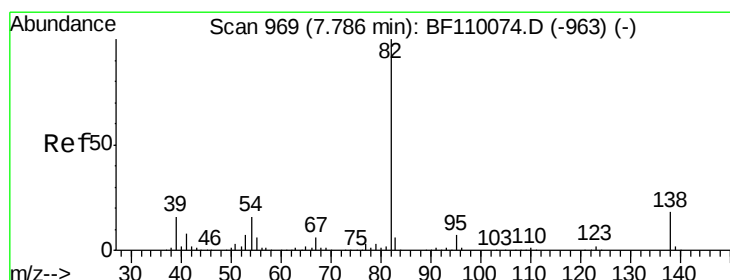
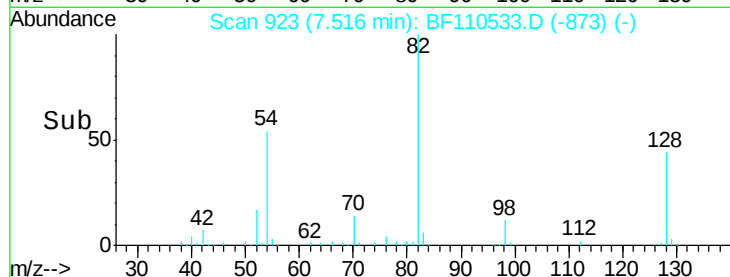
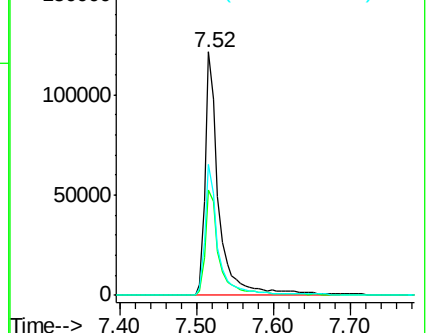
54 53.7 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 15.63 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.26 min

Lab File: BF110533.D

Acq: 6 Nov 2018 23:28

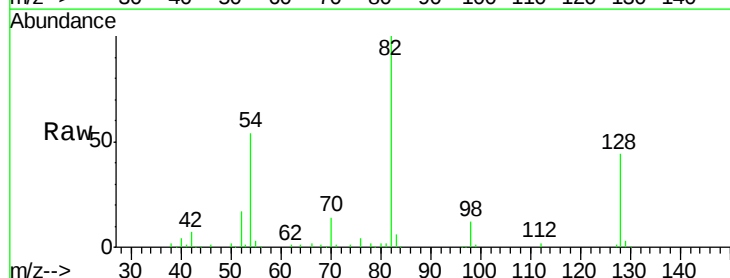
Tgt Ion: 82 Resp: 151872

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

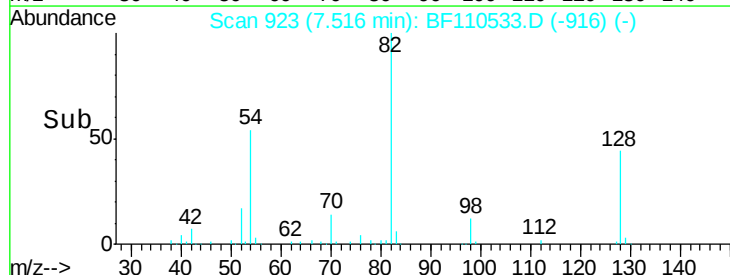
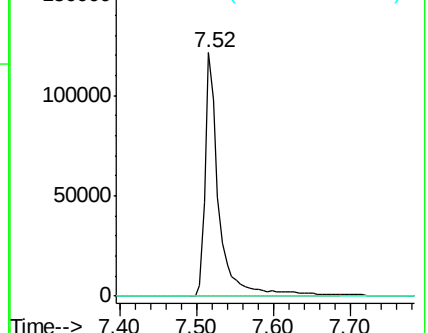
138 0.0 13.2 19.8#

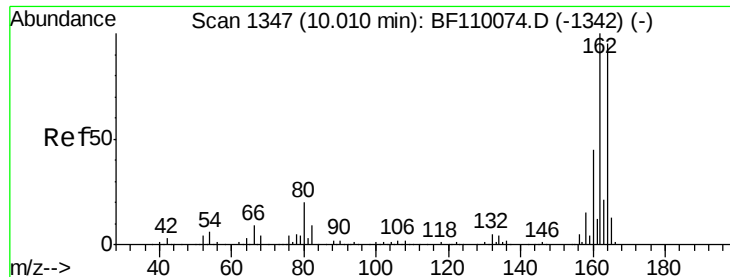


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

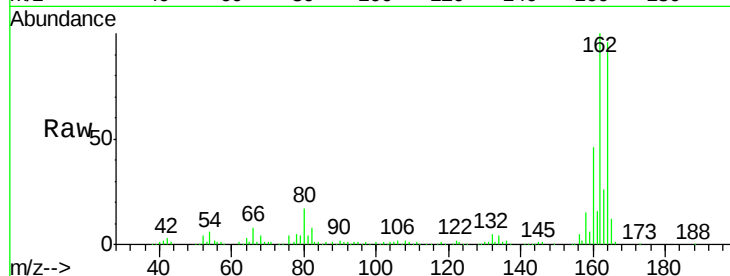




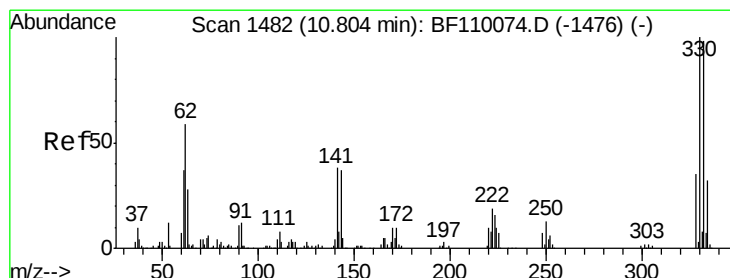
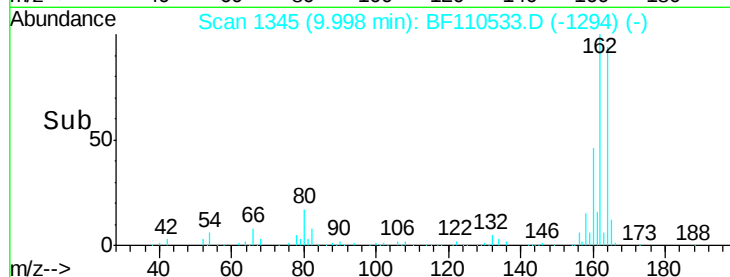
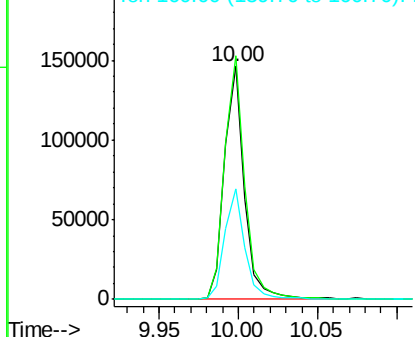
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 127680
Ion Ratio Lower Upper
164 100
162 104.6 83.0 124.6
160 47.7 37.0 55.6

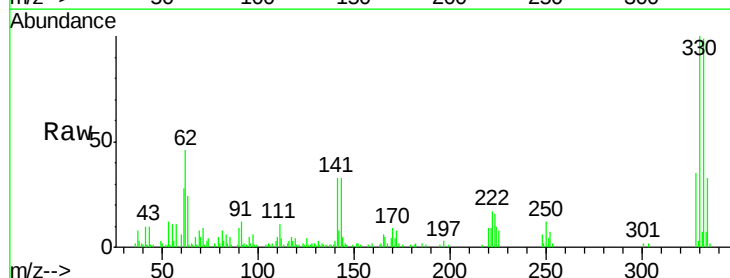


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

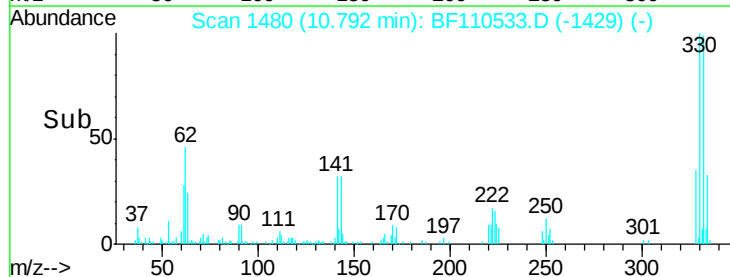
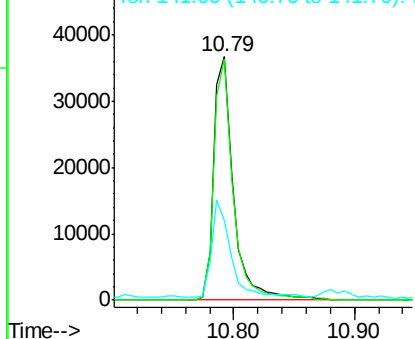


#42
2,4,6-Tribromophenol
Concen: 32.58 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Tgt Ion:330 Resp: 41208
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 37.5 27.0 40.4



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

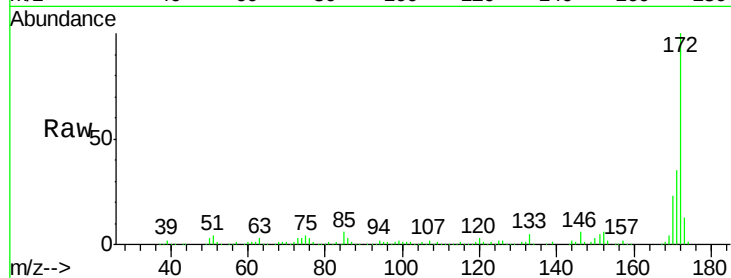




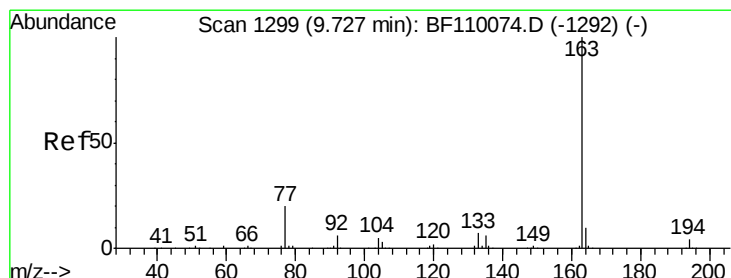
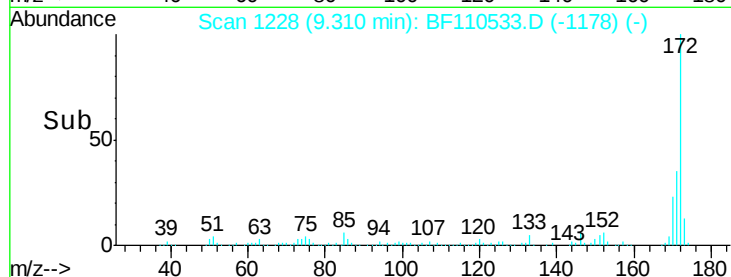
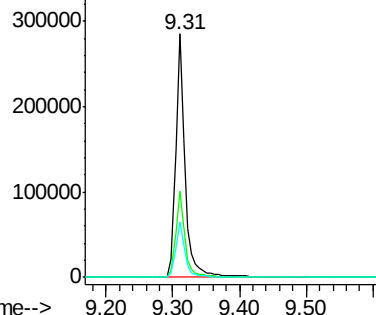
#45
2-Fluorobiphenyl
Concen: 34.00 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 276439
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 22.6 19.7 29.5

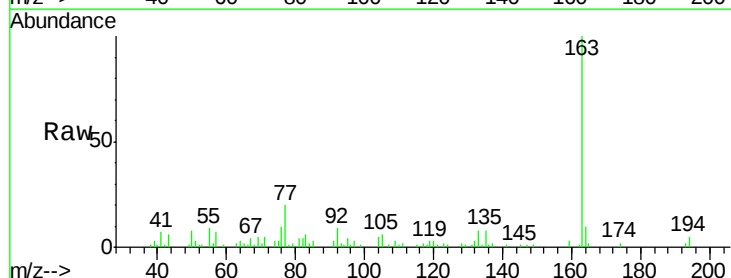


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

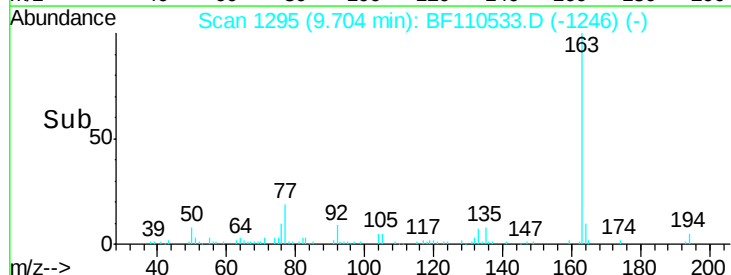
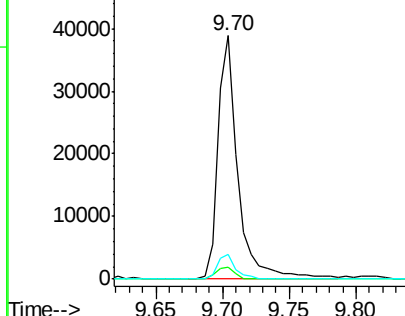


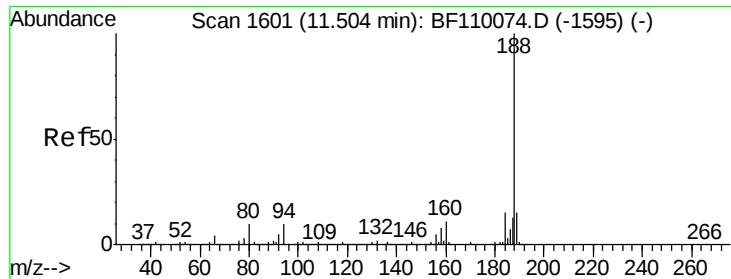
#50
Dimethylphthalate
Concen: 4.37 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Tgt Ion:163 Resp: 41218
Ion Ratio Lower Upper
163 100
194 4.9 3.2 4.8#
164 10.4 8.1 12.1



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

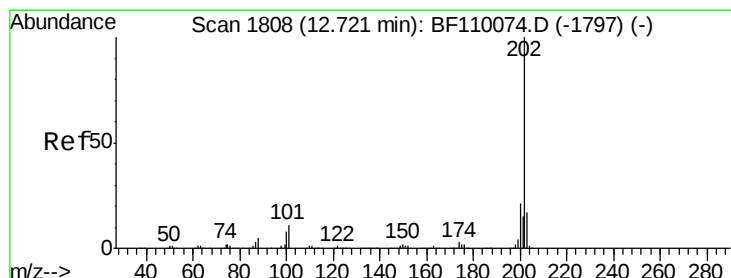
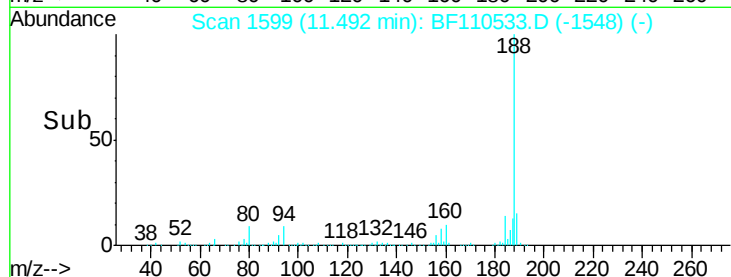
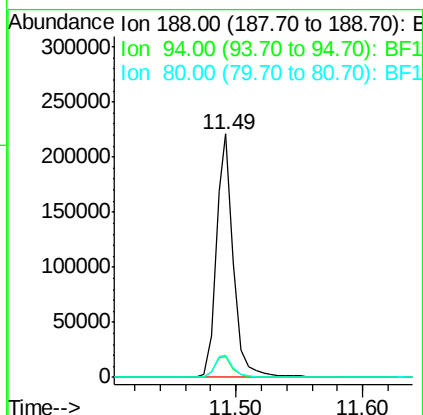
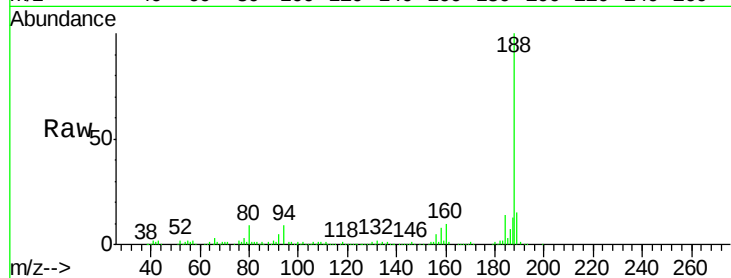




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

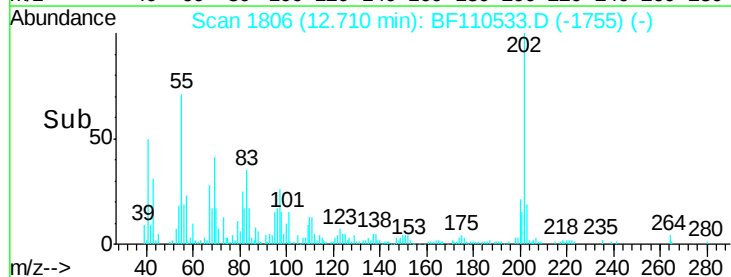
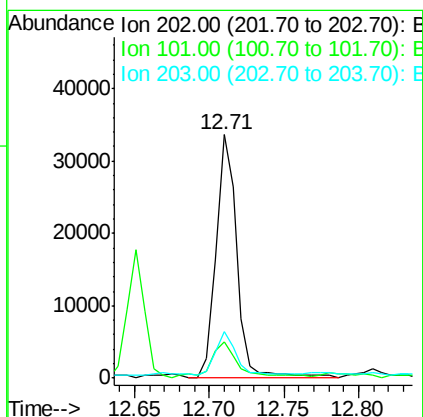
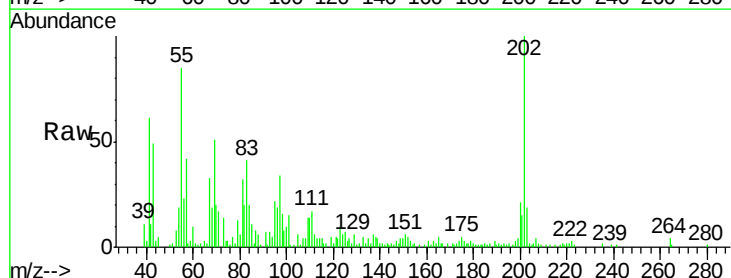
Instrument :
BNA_F
ClientSampleId :

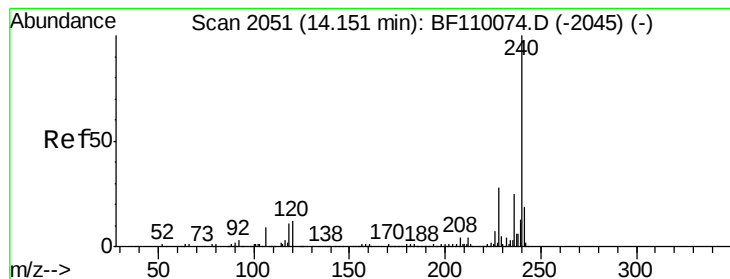
Tot Ion:188 Resp: 207975
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 8.9 7.9 11.9



#75
Fluoranthene
Concen: 3.00 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Tgt Ion:202 Resp: 33129
Ion Ratio Lower Upper
202 100
101 15.0 0.0 31.4
203 18.9 0.0 37.7





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110533.D

Acq: 6 Nov 2018 23:28

Instrument :

BNA_F

ClientSampleId :

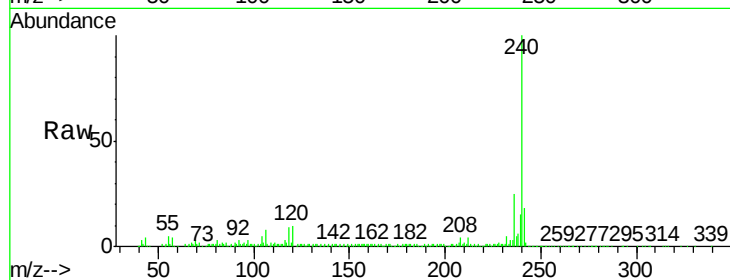
Tot Ion:240 Resp: 148646

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

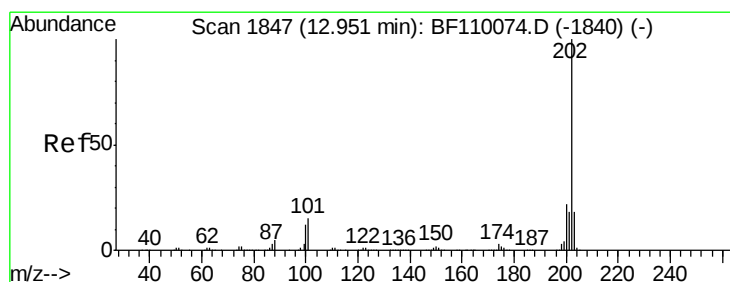
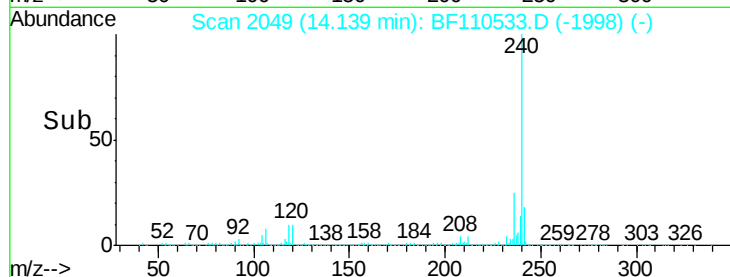
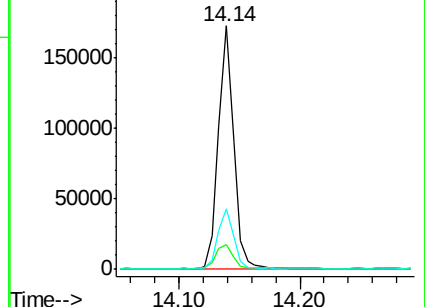
236 25.1 21.2 31.8



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

Pyrene

Concen: 3.07 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF110533.D

Acq: 6 Nov 2018 23:28

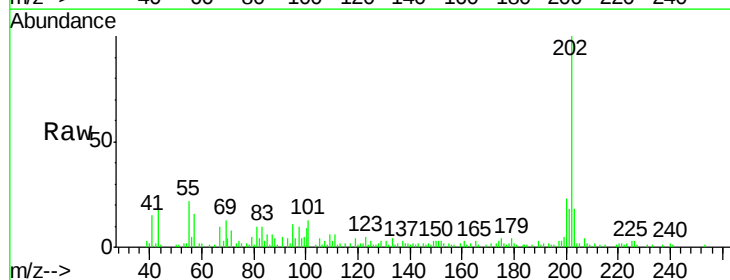
Tgt Ion:202 Resp: 32686

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.6

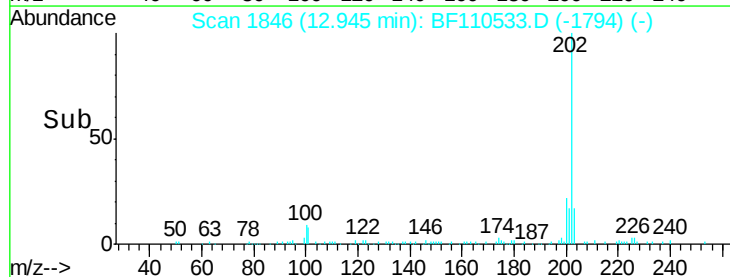
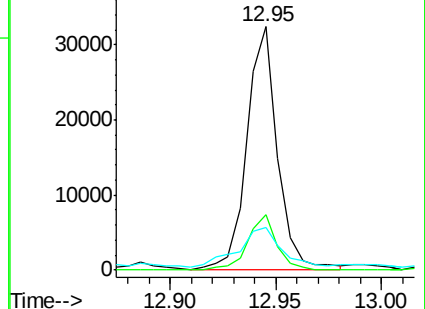
203 17.7 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 30.34 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110533.D

Acq: 6 Nov 2018 23:28

Instrument :

BNA_F

ClientSampleId :

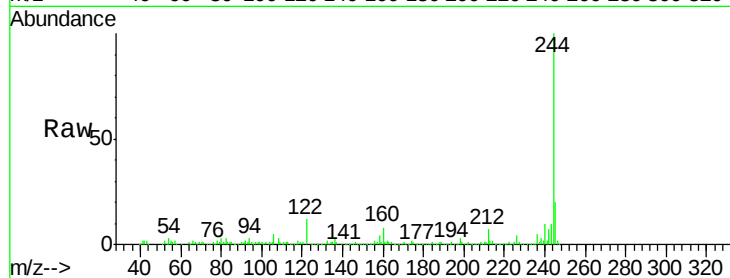
Tot Ion:244 Resp: 216862

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

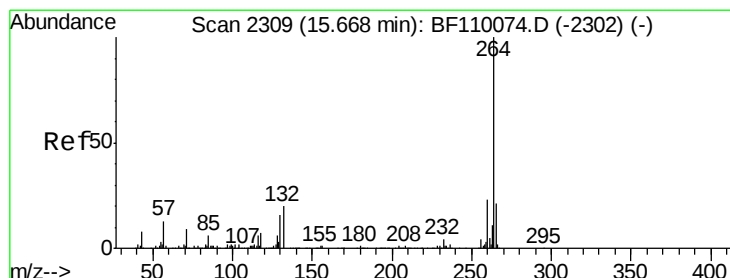
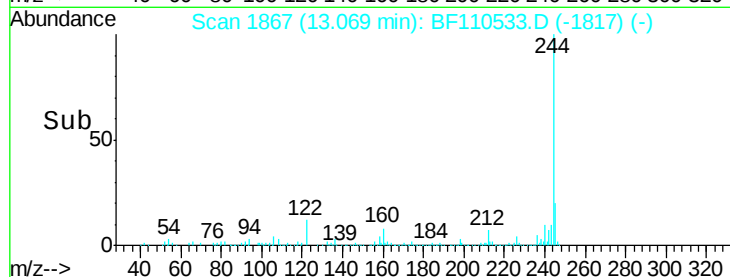
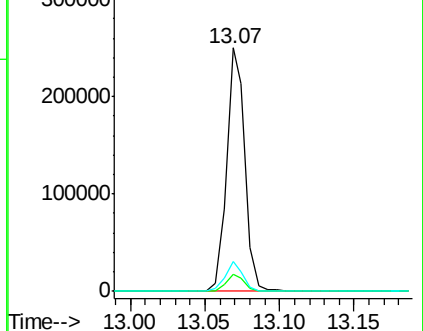
122 12.4 8.7 13.1



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



#87

Perylene-d12

Concen: 20.00 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110533.D

Acq: 6 Nov 2018 23:28

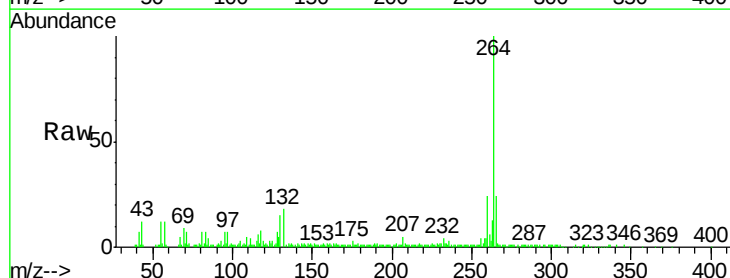
Tgt Ion:264 Resp: 108923

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

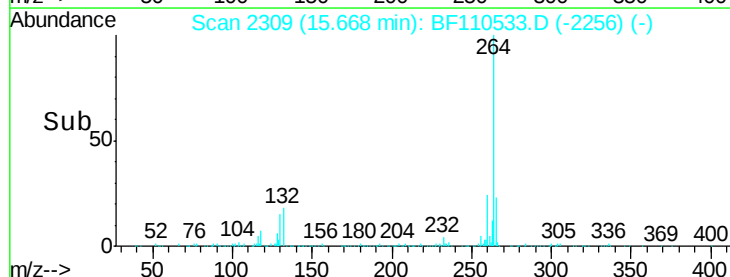
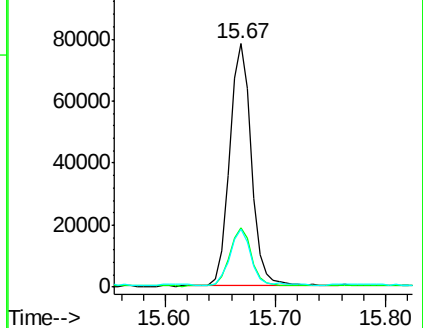
265 23.9 16.7 25.1

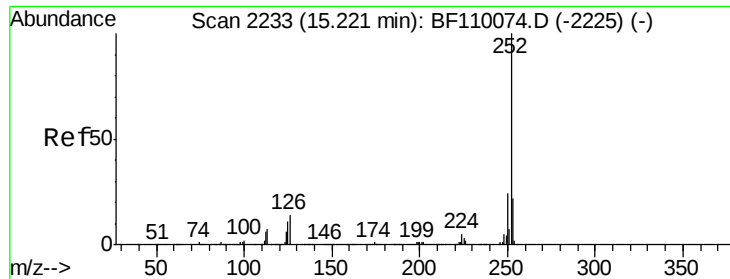


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

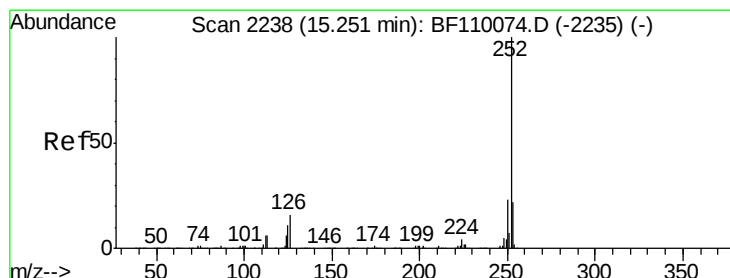
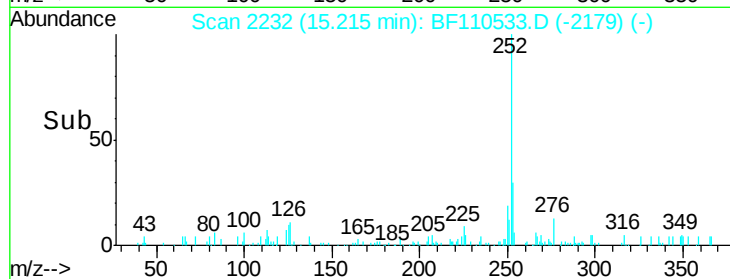
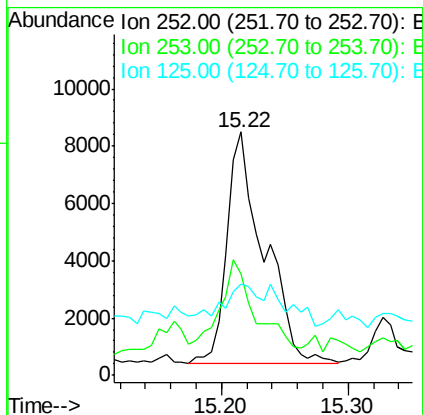
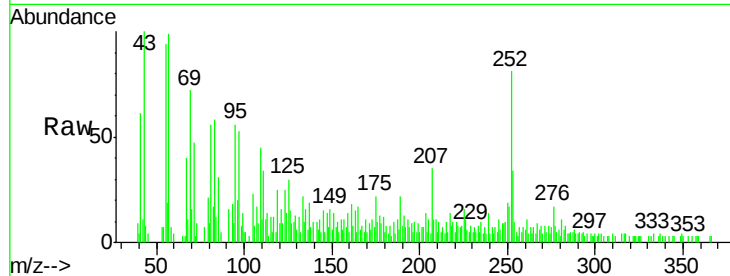




#88
Benzo(b)fluoranthene
Concen: 2.61 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 16390
Ion Ratio Lower Upper
252 100
253 41.8 17.2 25.8#
125 37.4 8.2 12.4#



#89
Benzo(k)fluoranthene
Concen: 2.65 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110533.D
Acq: 6 Nov 2018 23:28

Tgt Ion:252 Resp: 16390
Ion Ratio Lower Upper
252 100
253 41.8 17.2 25.8#
125 37.4 7.4 11.0#

