

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
 Data File : BF110768.D
 Acq On : 14 Nov 2018 17:00
 Operator : JU/SJ
 Sample : J5911-07 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 14 17:34:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	81607	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	336269	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	149741	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	235417	20.00	ng	0.00
76) Chrysene-d12	14.13	240	190012	20.00	ng	0.00
87) Perylene-d12	15.66	264	160144	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	280400	55.81	ng	0.00
7) Phenol-d6	6.57	99	362021	56.35	ng	0.00
23) Nitrobenzene-d5	7.51	82	215988	36.99	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	69113	45.81	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	382697	36.50	ng	0.00
79) Terphenyl-d14	13.06	244	281599	27.75	ng	0.00

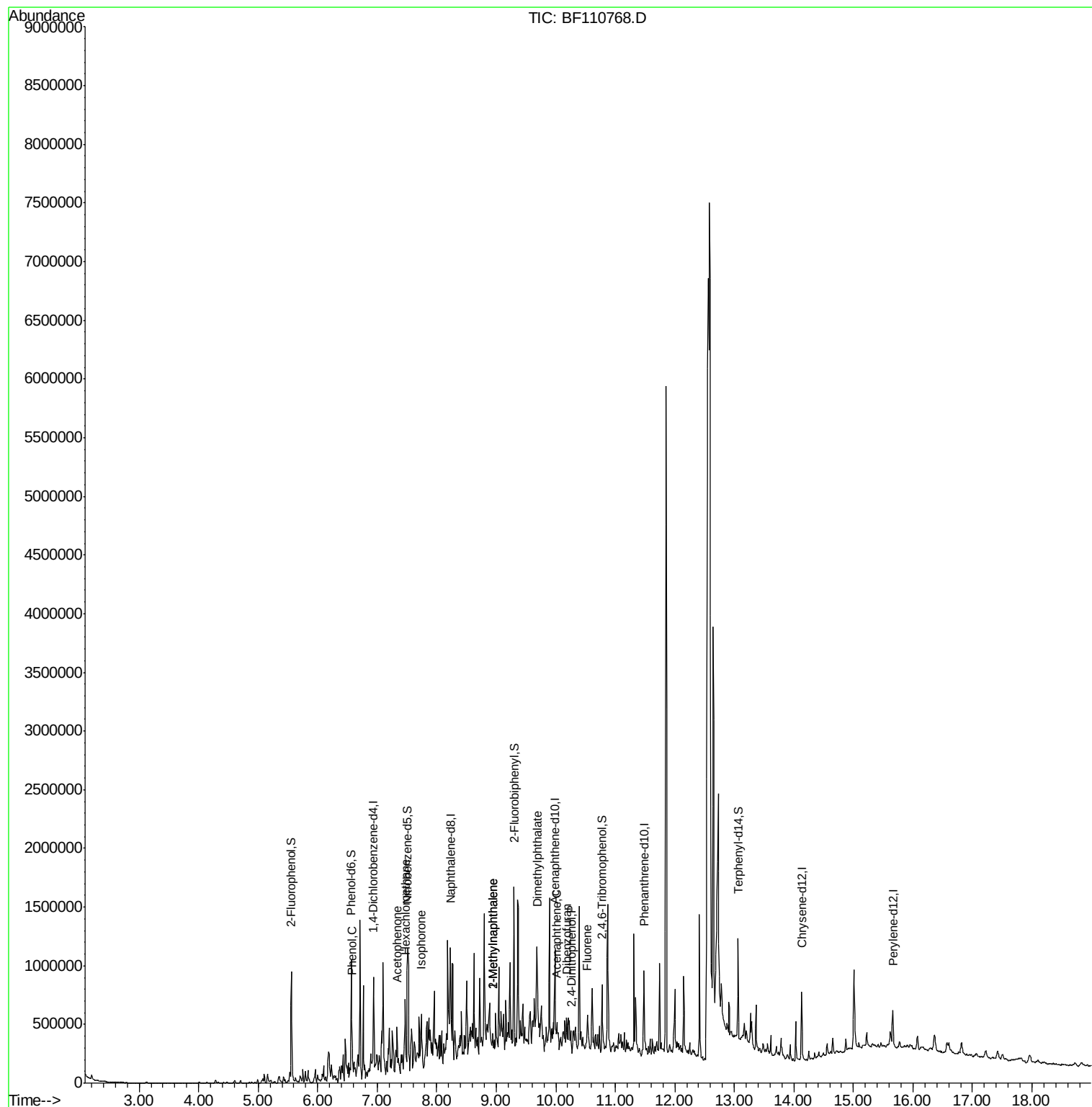
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	3242	Below Cal		# 1
10) Phenol	6.58	94	19141	2.569	ng	# 74
18) Hexachloroethane	7.47	117	24086	9.970	ng	# 1
22) Acetophenone	7.33	105	33968	4.334	ng	# 63
25) Isophorone	7.75	82	22469	2.348	ng	# 1
37) 2-Methylnaphthalene	8.94	142	45040	4.352	ng	97
38) 1-Methylnaphthalene	8.94	142	45040	4.526	ng	93
50) Dimethylphthalate	9.69	163	39228	3.511	ng	# 95
52) Acenaphthene	10.02	154	19609	2.141	ng	# 82
54) 2,4-Dinitrophenol	10.27	184	919	5.585	ng	85
55) Dibenzofuran	10.19	168	50110	3.739	ng	98
58) Fluorene	10.53	166	71238	6.921	ng	96

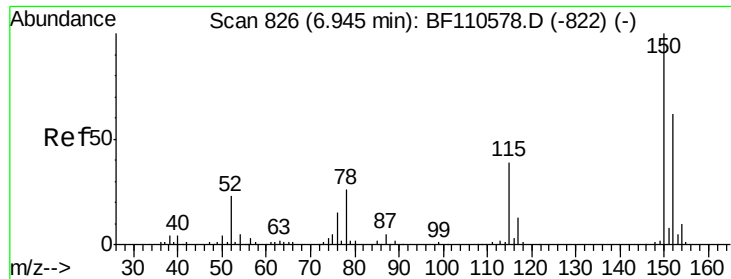
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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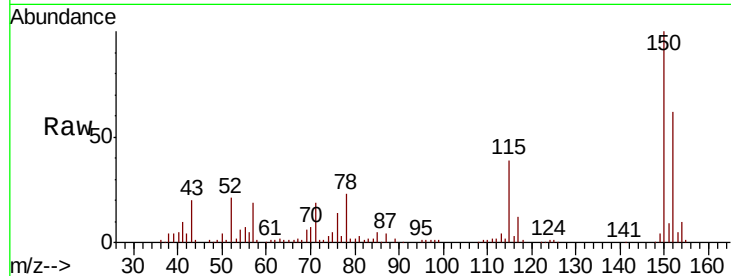


#1

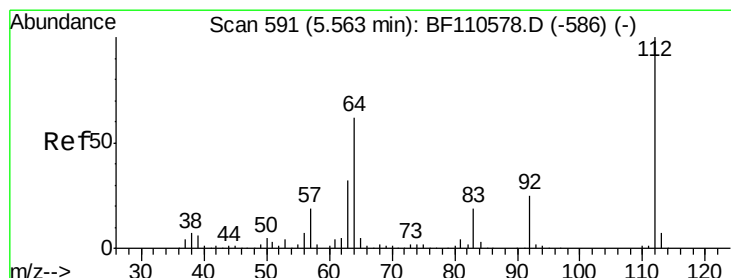
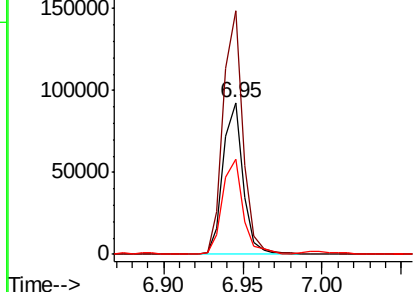
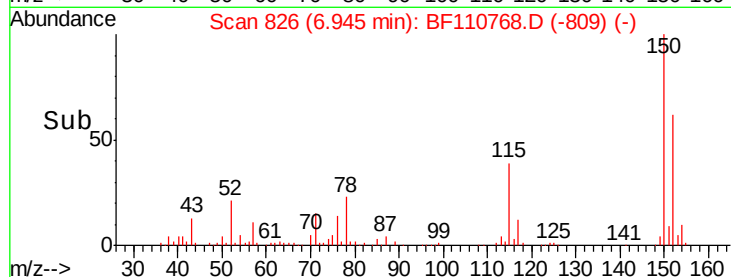
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81607
Ion Ratio Lower Upper
152 100
150 160.1 122.7 184.1
115 62.4 49.1 73.7



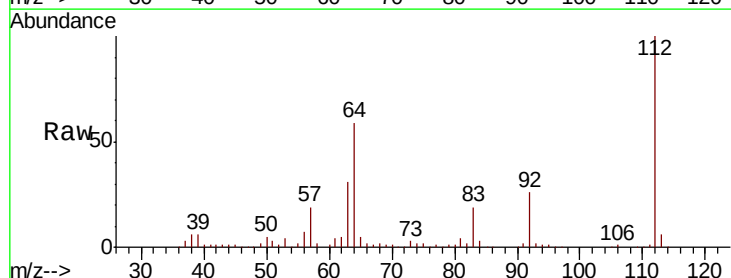
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



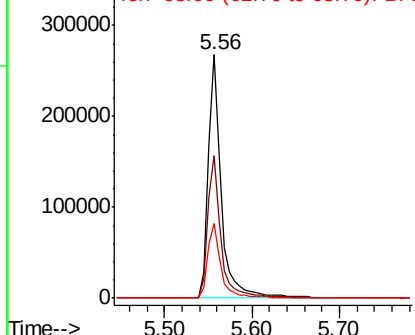
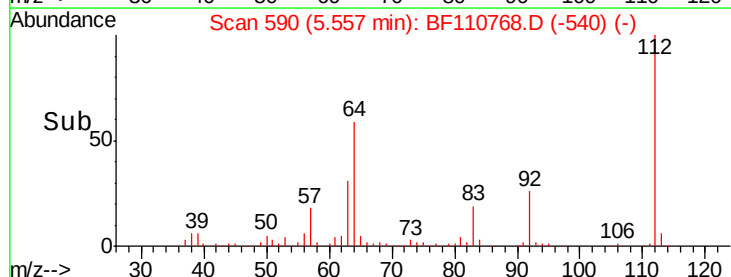
#5

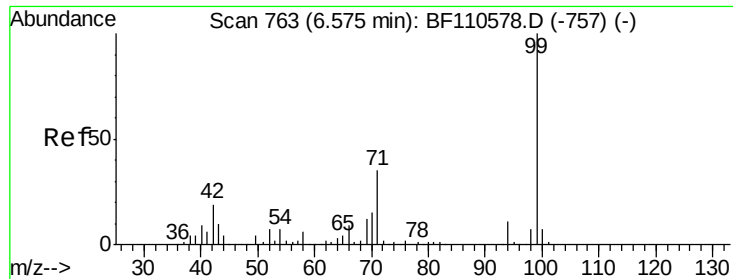
2-Fluorophenol
Concen: 55.811 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

Tgt Ion:112 Resp: 280400
Ion Ratio Lower Upper
112 100
64 58.6 44.1 66.1
63 30.8 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: 56.349 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

Instrument :

BNA_F

ClientSampleId :

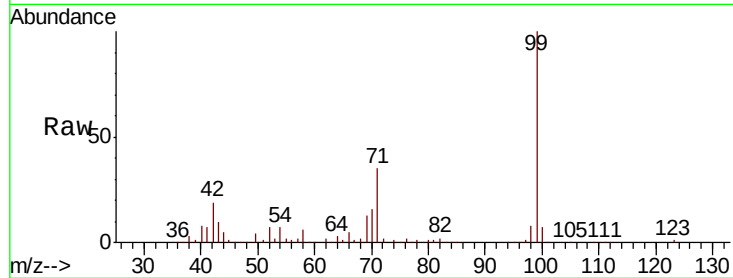
Tot Ion: 99 Resp: 362021

Ion Ratio Lower Upper

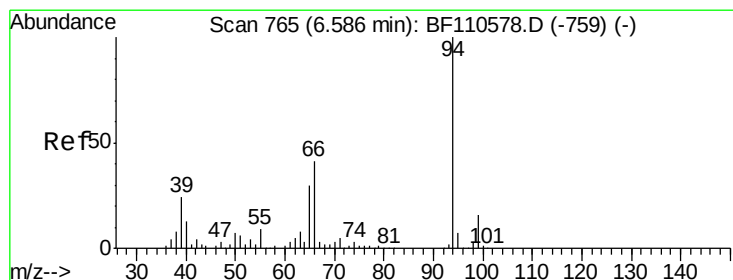
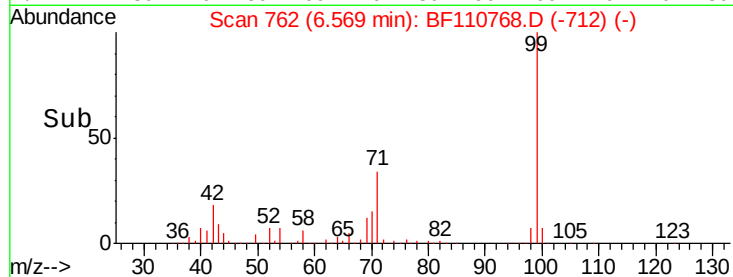
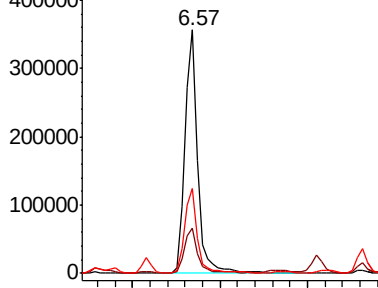
99 100

42 18.8 15.8 23.6

71 34.8 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: 2.569 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

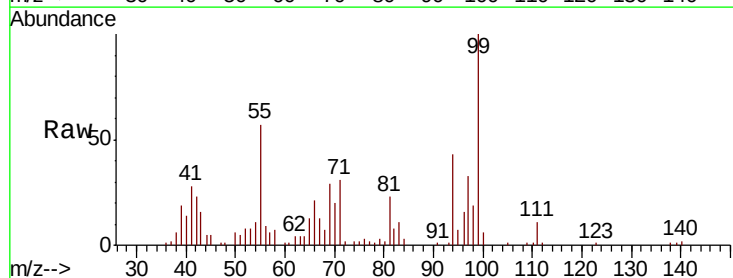
Tgt Ion: 94 Resp: 19141

Ion Ratio Lower Upper

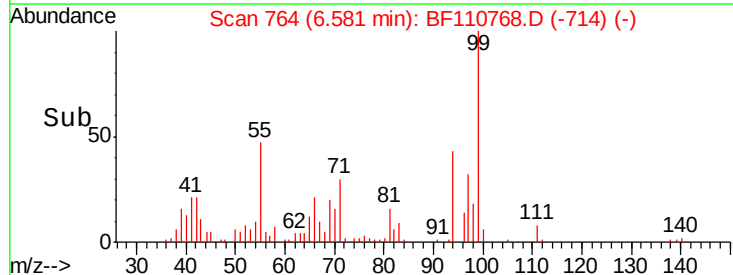
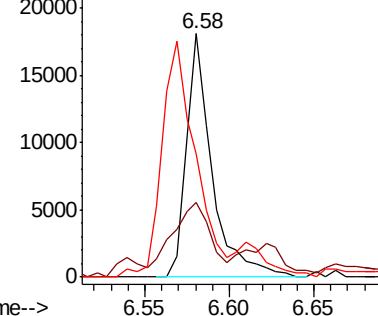
94 100

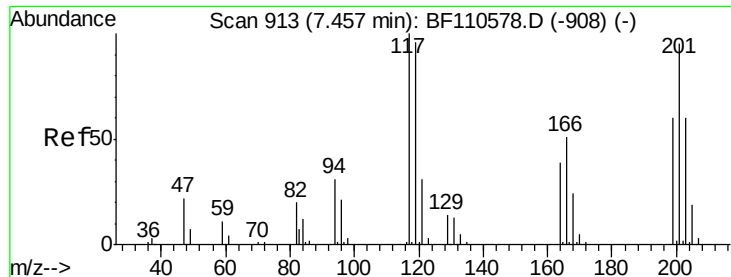
65 30.5 25.3 65.3

66 50.4 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

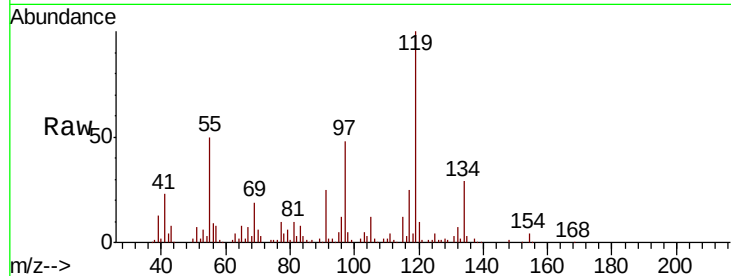




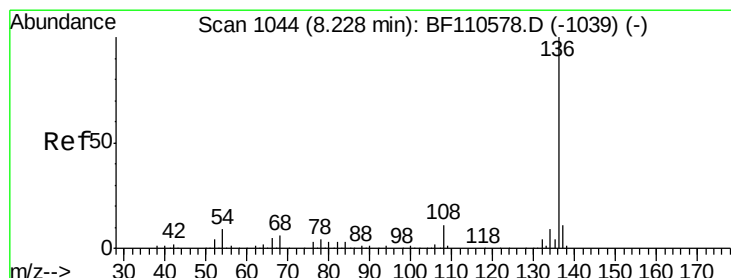
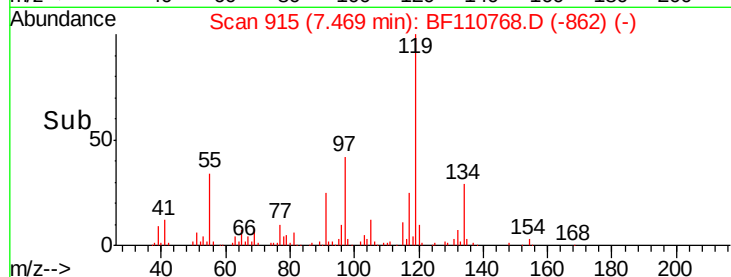
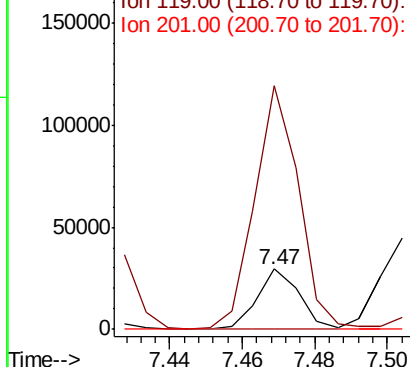
#18
Hexachloroethane
Concen: 9.970 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:117 Resp: 24086
Ion Ratio Lower Upper
117 100
119 402.5 75.0 112.6#
201 0.0 79.2 118.8#



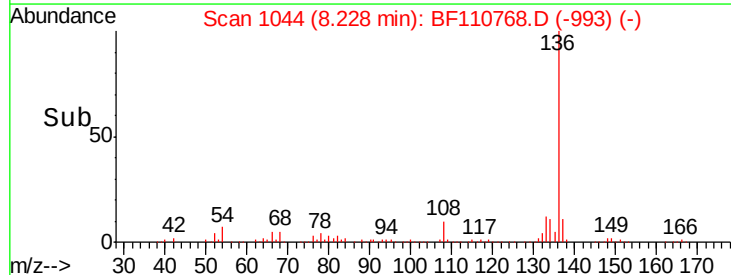
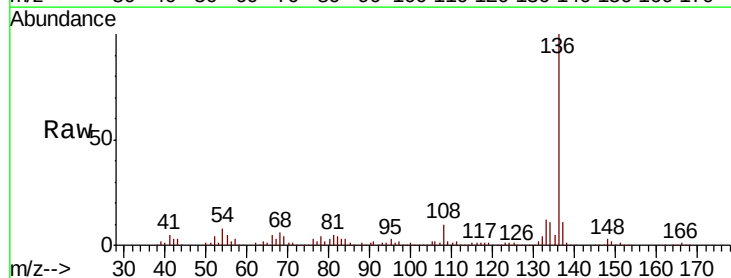
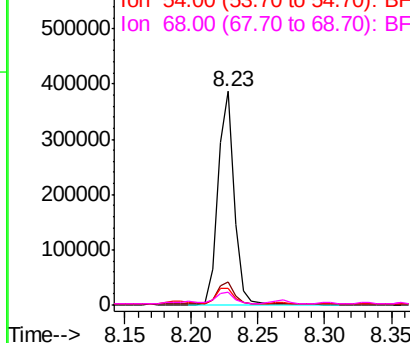
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

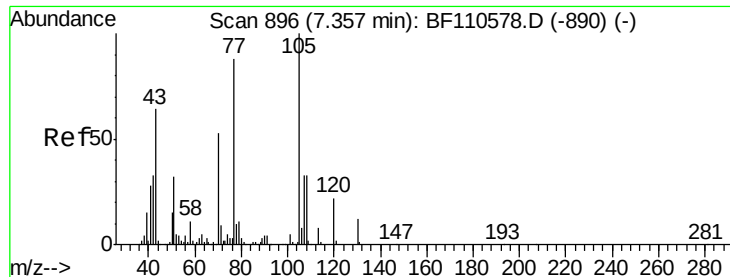


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

Tgt Ion:136 Resp: 336269
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.8 5.4 8.2
68 5.9 4.2 6.2

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





#22

Acetophenone

Concen: 4.334 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.03 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:105 Resp: 33968

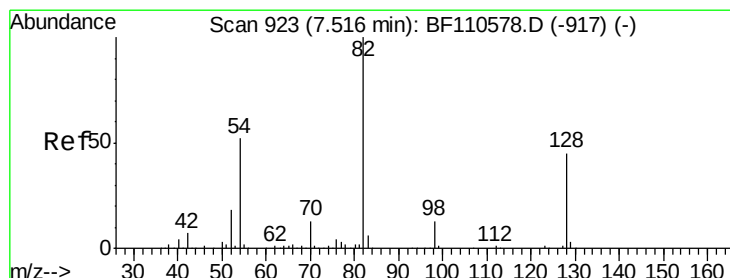
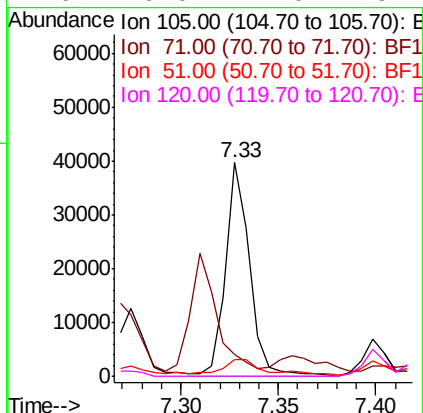
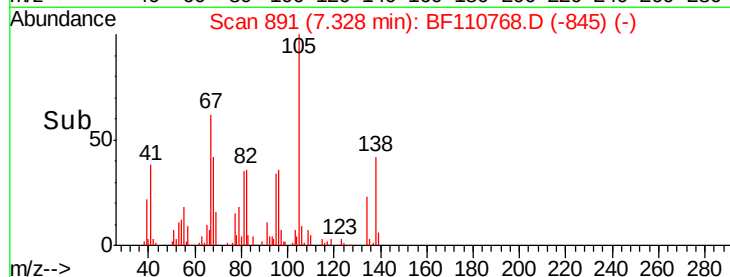
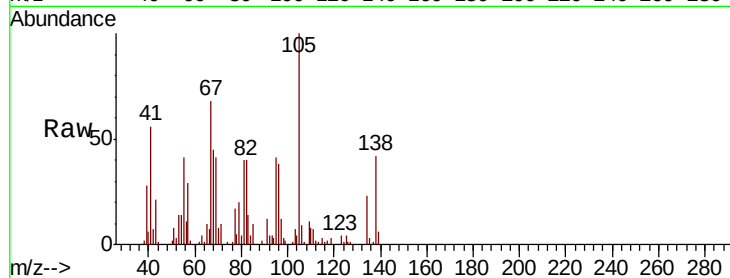
Ion Ratio Lower Upper

105 100

71 10.3 5.2 7.8#

51 7.7 21.8 32.8#

120 0.0 17.0 25.4#



#23

Nitrobenzene-d5

Concen: 36.990 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

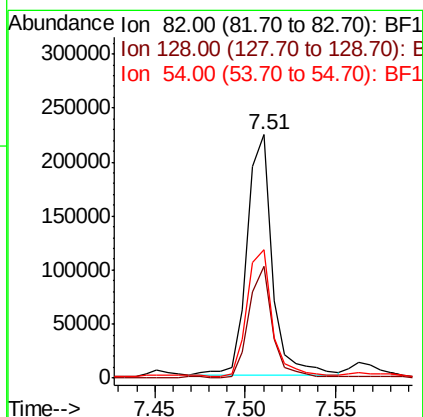
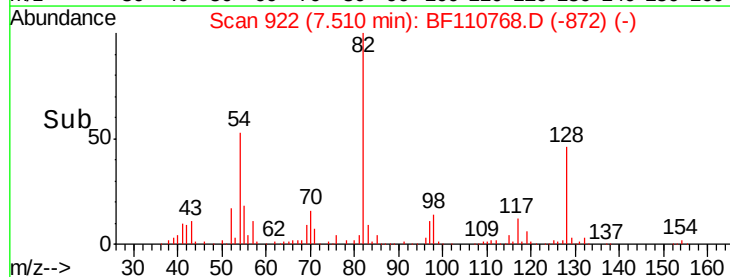
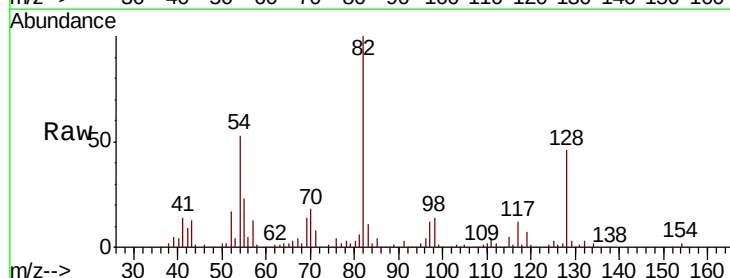
Tgt Ion: 82 Resp: 215988

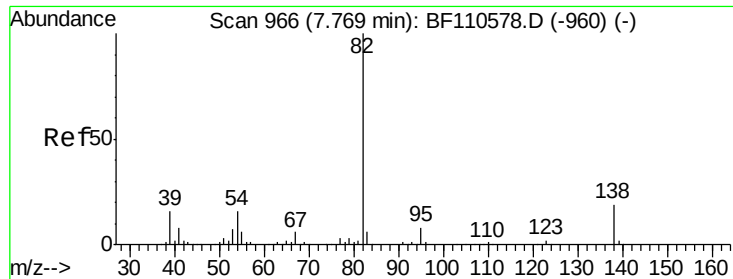
Ion Ratio Lower Upper

82 100

128 46.1 34.2 51.2

54 52.6 38.6 58.0





#25

Isophorone

Concen: 2.348 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.02 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

Instrument :

BNA_F

ClientSampled :

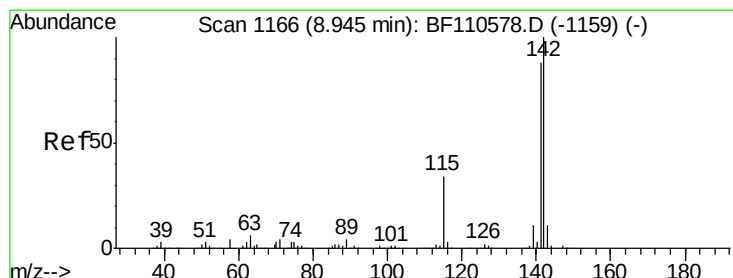
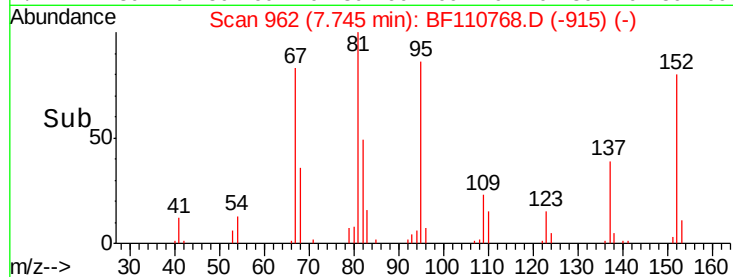
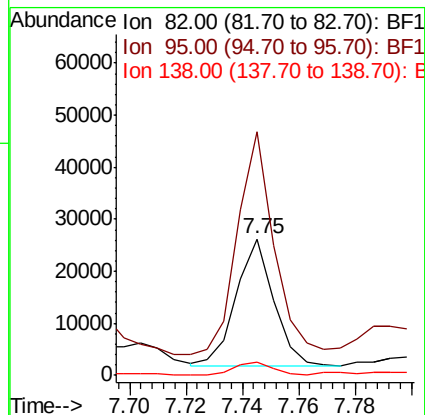
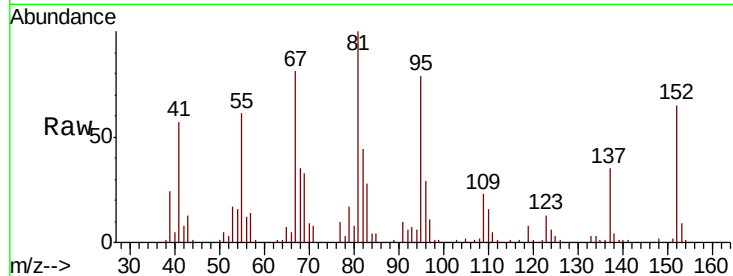
Tot Ion: 82 Resp: 22469

Ion Ratio Lower Upper

82 100

95 178.6 5.7 8.5#

138 9.7 13.2 19.8#



#37

2-Methylnaphthalene

Concen: 4.352 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

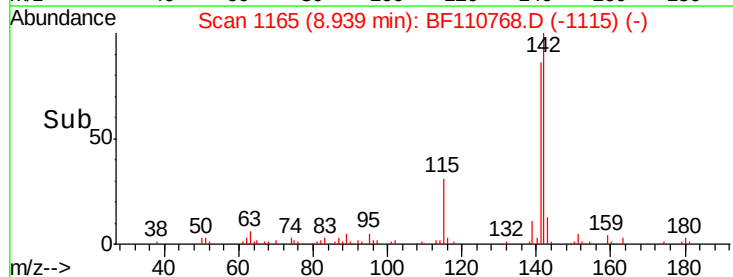
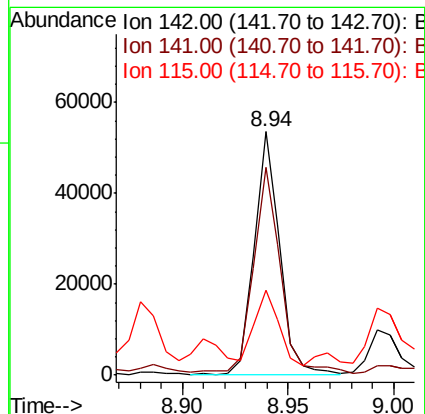
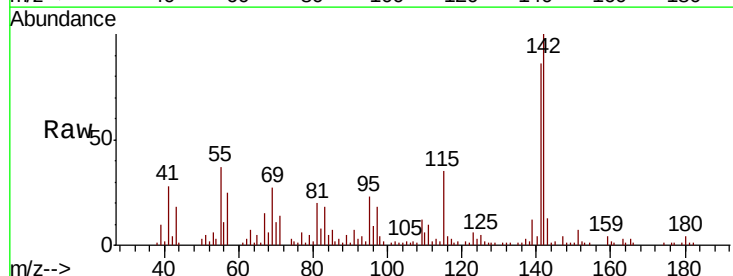
Tgt Ion: 142 Resp: 45040

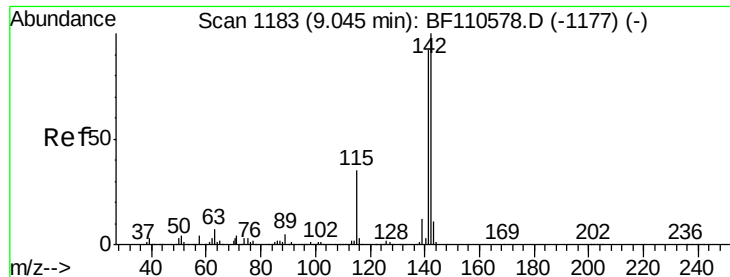
Ion Ratio Lower Upper

142 100

141 85.5 71.4 107.2

115 35.0 28.7 43.1

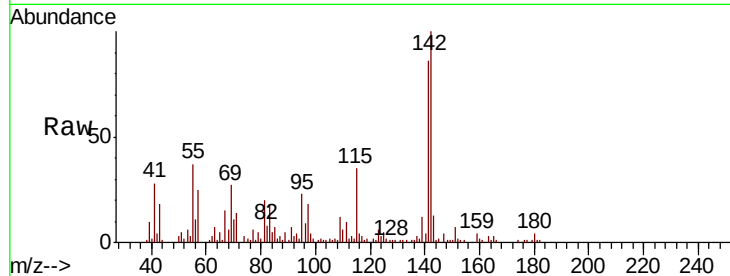




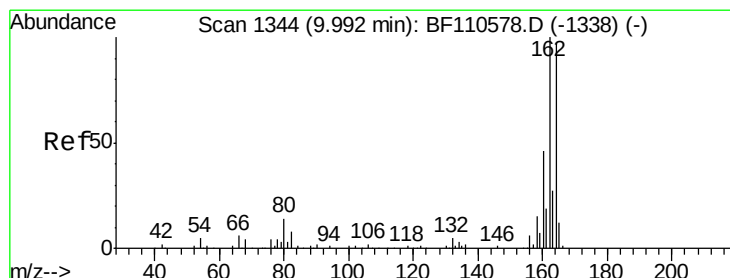
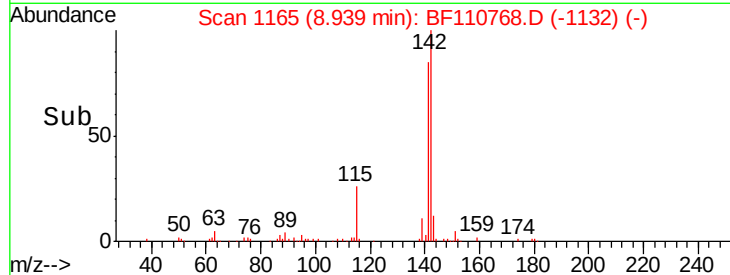
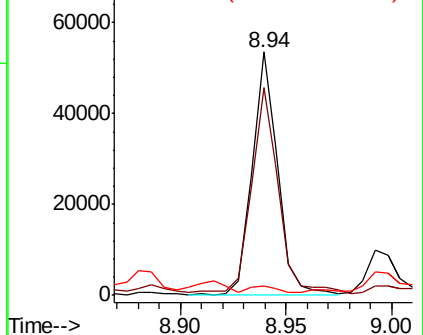
#38
1-Methylnaphthalene
Concen: 4.526 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.11 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 45040
Ion Ratio Lower Upper
142 100
141 85.5 74.2 111.4
116 3.8 2.6 4.0

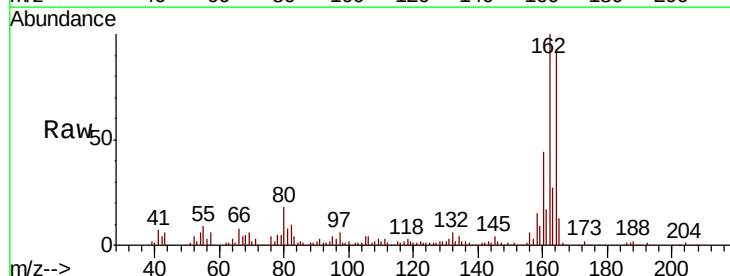


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

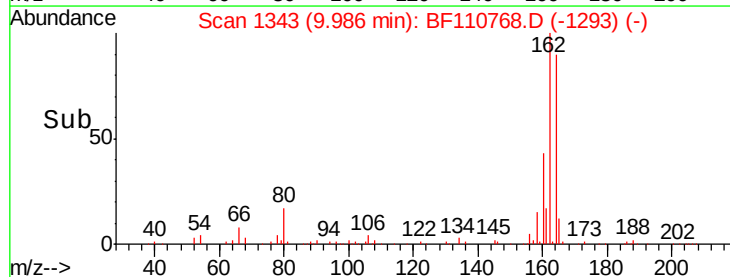
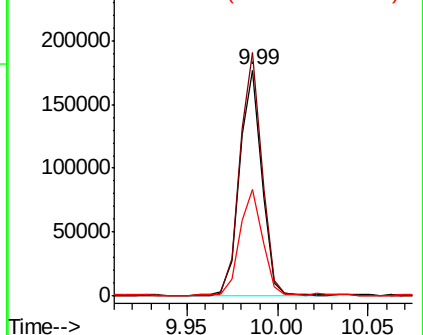


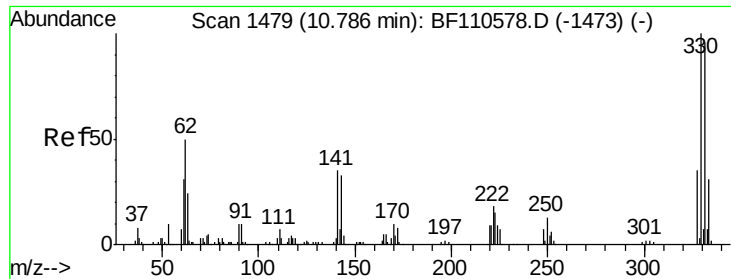
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

Tgt Ion:164 Resp: 149741
Ion Ratio Lower Upper
164 100
162 107.7 83.0 124.6
160 47.3 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: 45.806 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

Instrument :

BNA_F

ClientSampled :

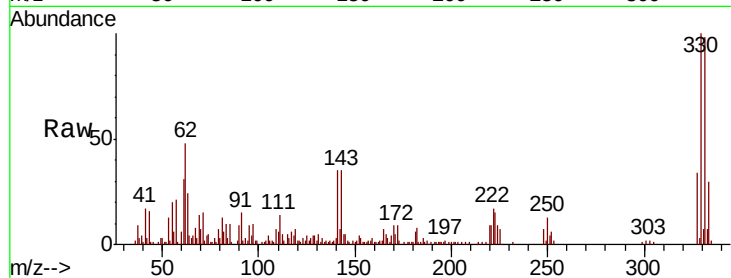
Tot Ion:330 Resp: 69113

Ion Ratio Lower Upper

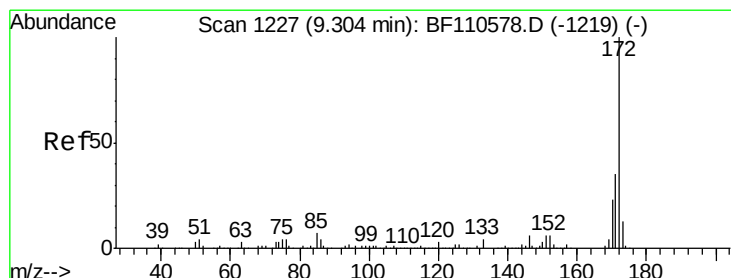
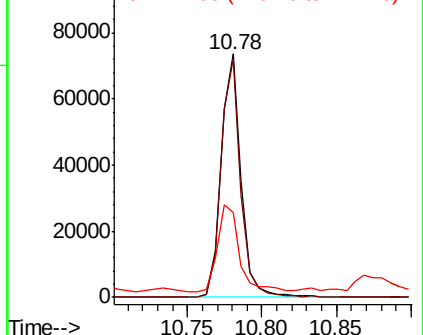
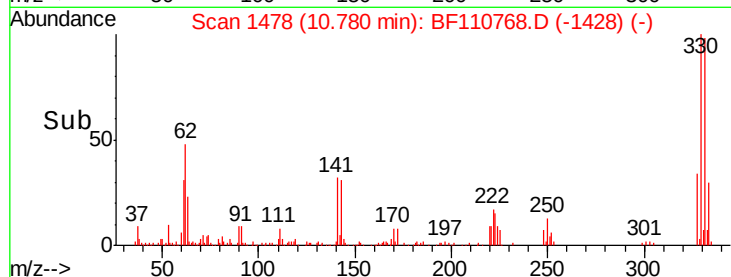
330 100

332 96.3 77.1 115.7

141 39.0 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: 36.500 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

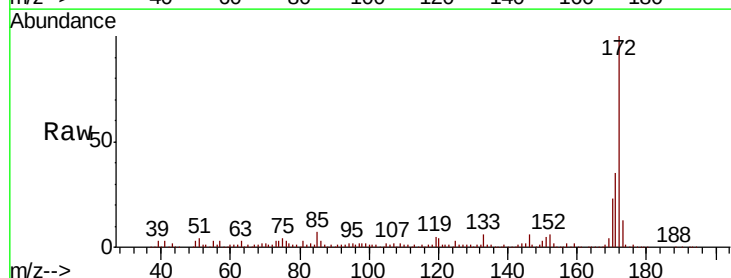
Tgt Ion:172 Resp: 382697

Ion Ratio Lower Upper

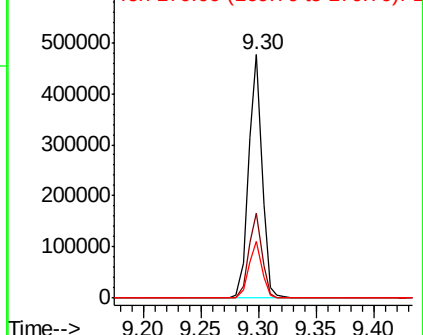
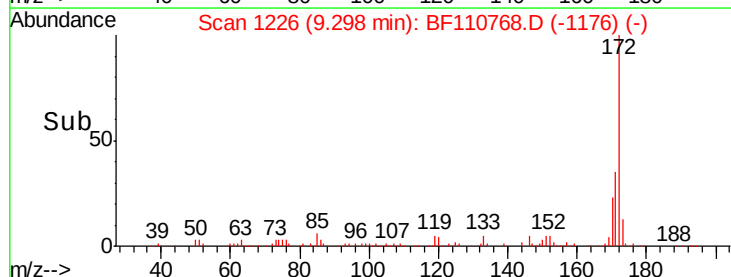
172 100

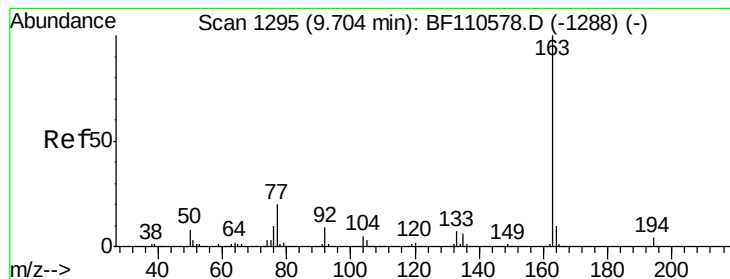
171 34.9 28.6 43.0

170 23.2 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: 3.511 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

Instrument :

BNA_F

ClientSampleId :

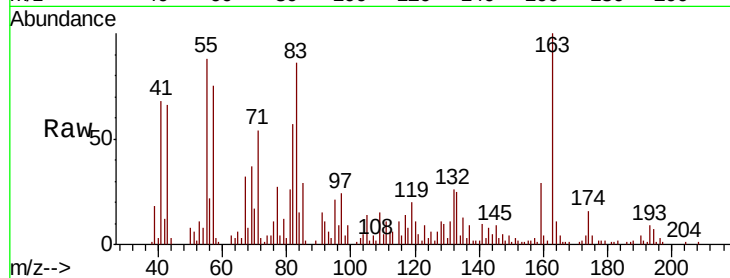
Tot Ion:163 Resp: 39228

Ion Ratio Lower Upper

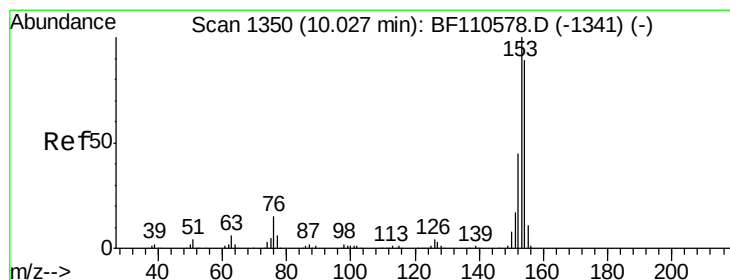
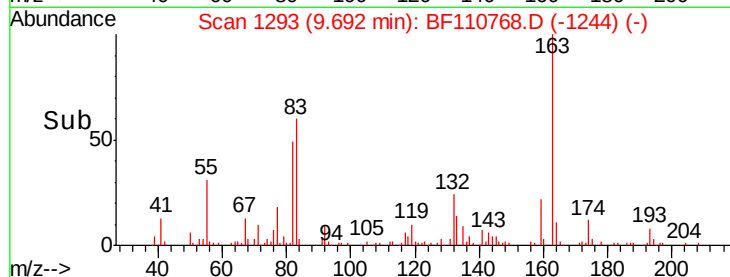
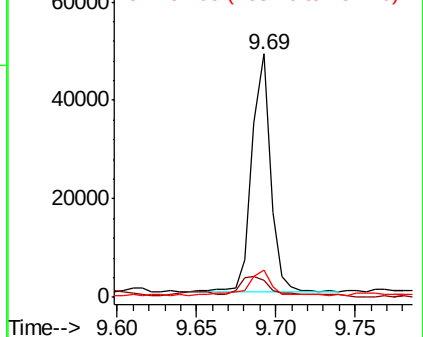
163 100

194 7.0 3.2 4.8#

164 11.1 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



#52

Acenaphthene

Concen: 2.141 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110768.D

Acq: 14 Nov 2018 17:00

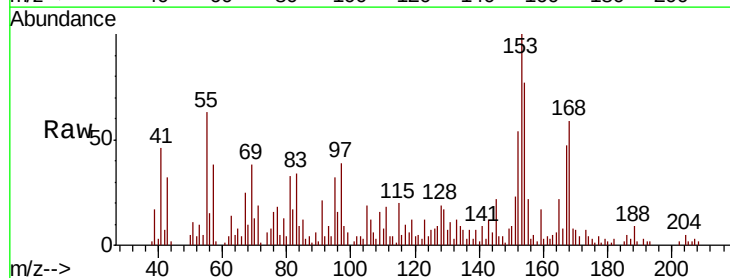
Tgt Ion:154 Resp: 19609

Ion Ratio Lower Upper

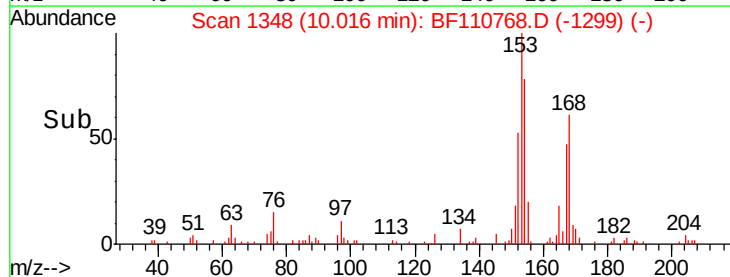
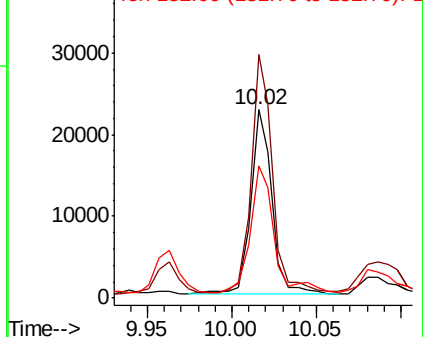
154 100

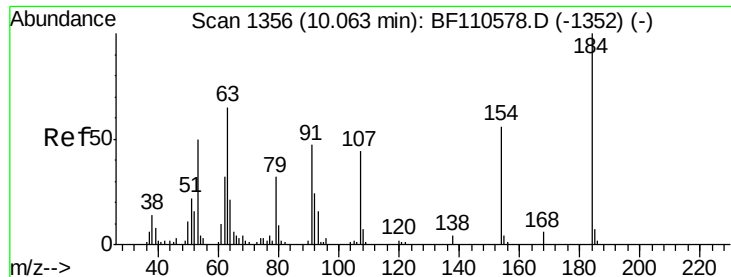
153 129.3 90.1 135.1

152 70.2 43.4 65.2#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

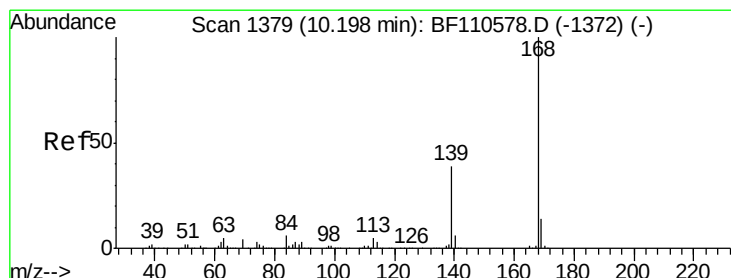
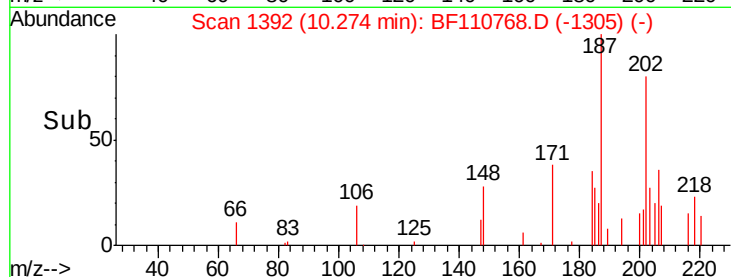
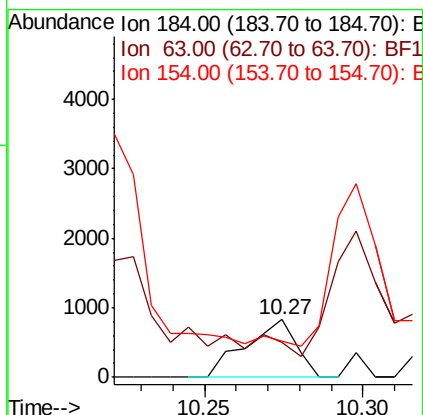
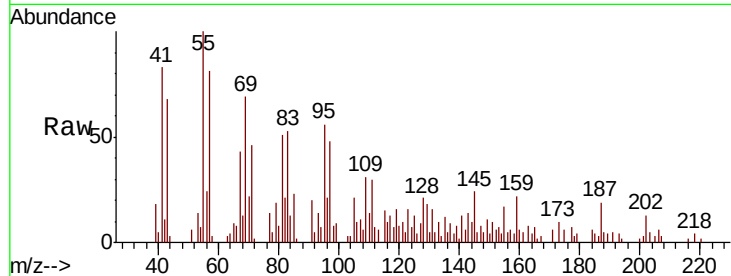




#54
2,4-Dinitrophenol
Concen: 5.585 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.21 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

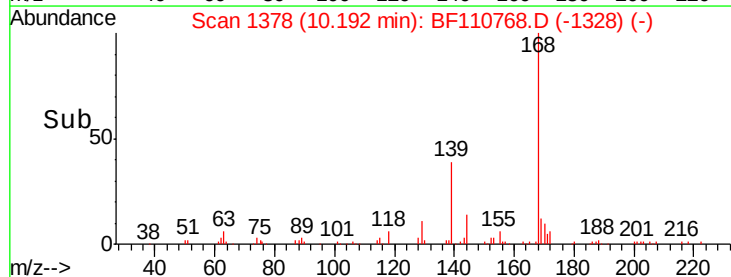
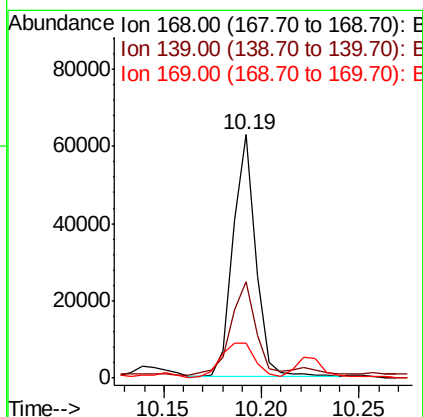
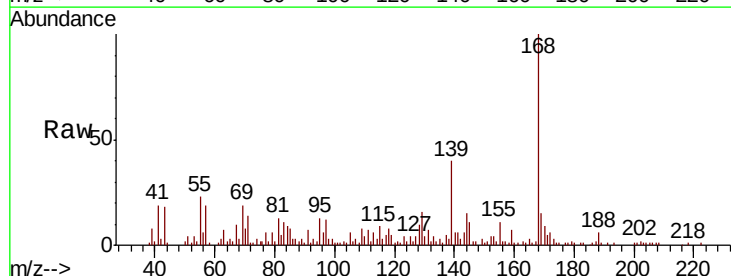
Instrument :
BNA_F
ClientSampled :

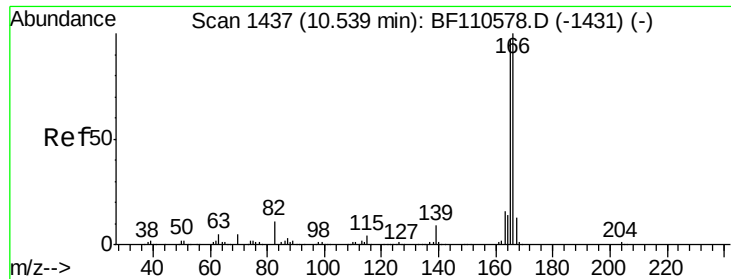
Tot Ion:184 Resp: 919
Ion Ratio Lower Upper
184 100
63 59.9 55.8 83.6
154 63.8 63.2 94.8



#55
Dibenzofuran
Concen: 3.739 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

Tgt Ion:168 Resp: 50110
Ion Ratio Lower Upper
168 100
139 39.8 33.0 49.6
169 14.5 11.3 16.9

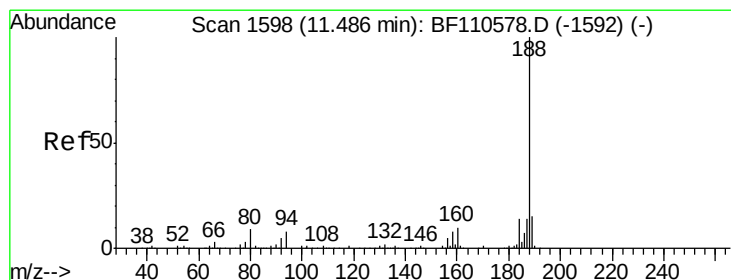
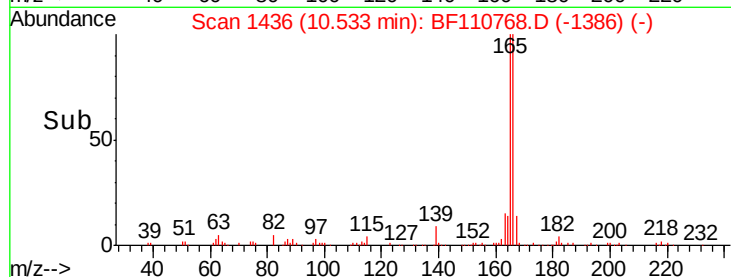
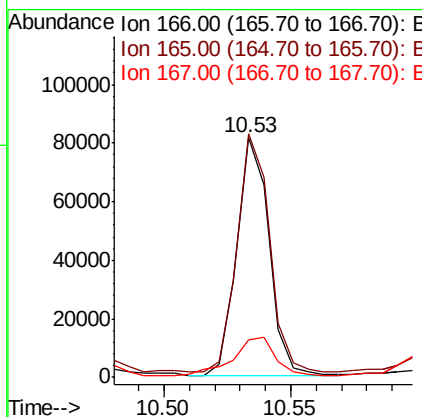
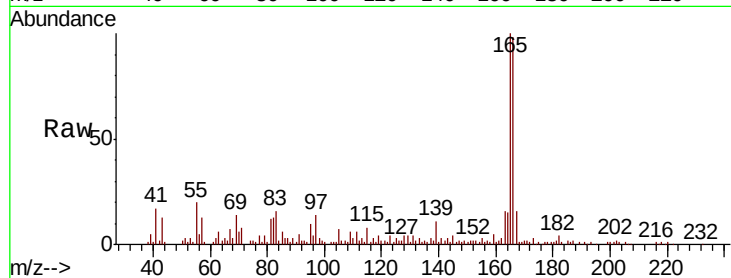




#58
 Fluorene
 Concen: 6.921 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110768.D
 Acq: 14 Nov 2018 17:00

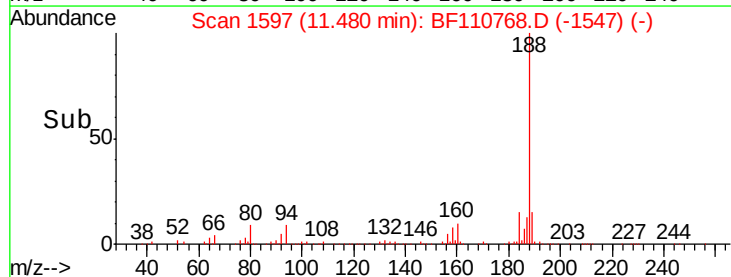
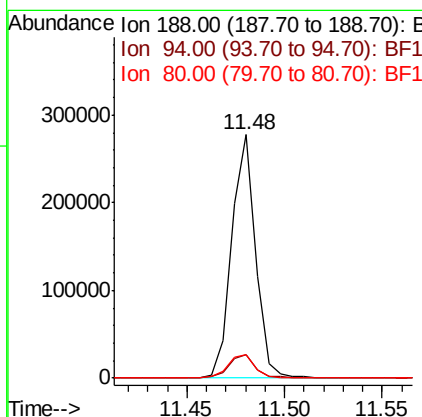
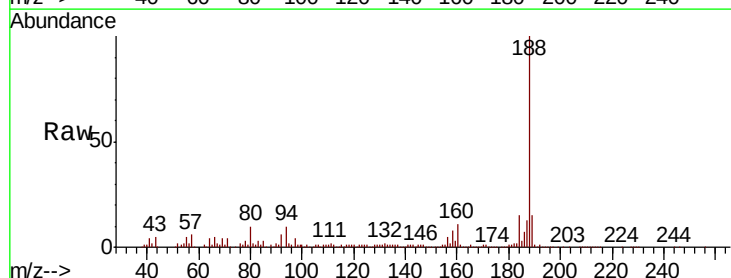
Instrument :
 BNA_F
 ClientSampleId :

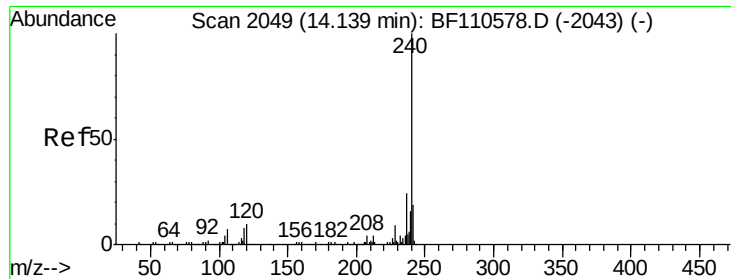
Tot Ion:166 Resp: 71238
 Ion Ratio Lower Upper
 166 100
 165 101.6 78.6 117.8
 167 15.8 10.8 16.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110768.D
 Acq: 14 Nov 2018 17:00

Tgt Ion:188 Resp: 235417
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.2 10.8
 80 9.7 7.9 11.9

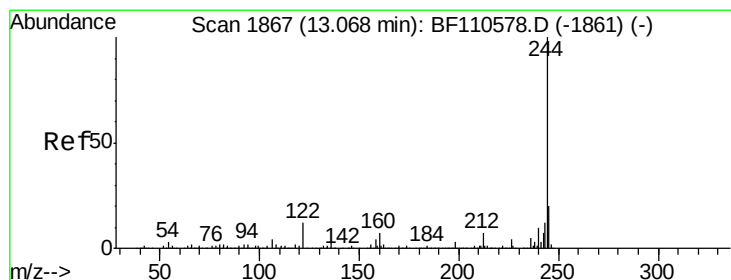
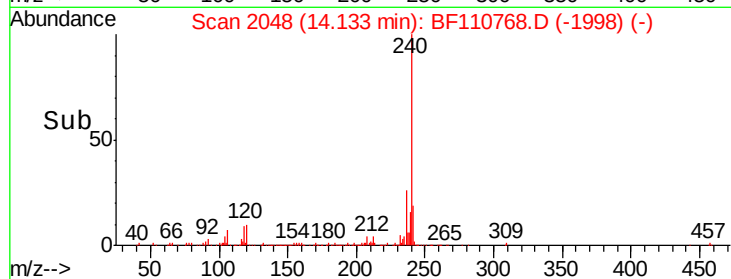
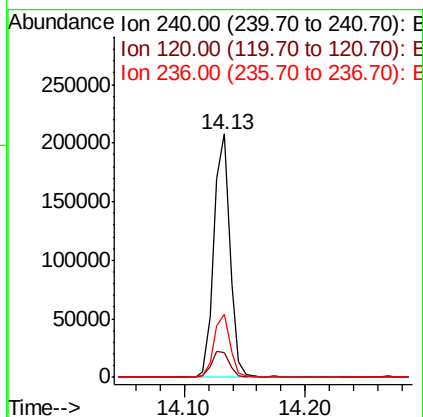
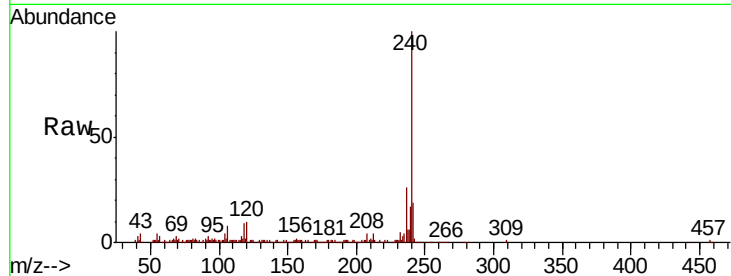




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

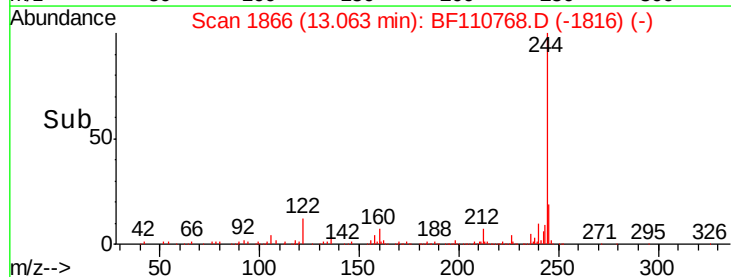
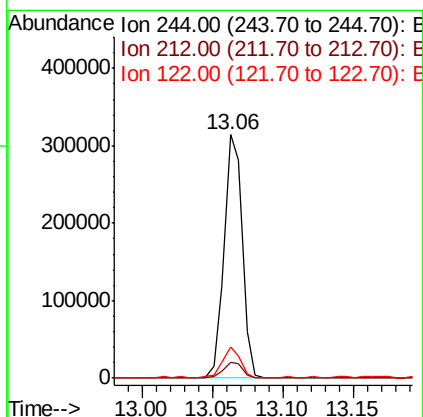
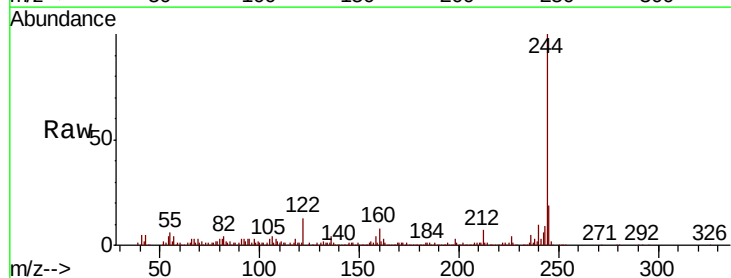
Instrument :
BNA_F
ClientSampled :

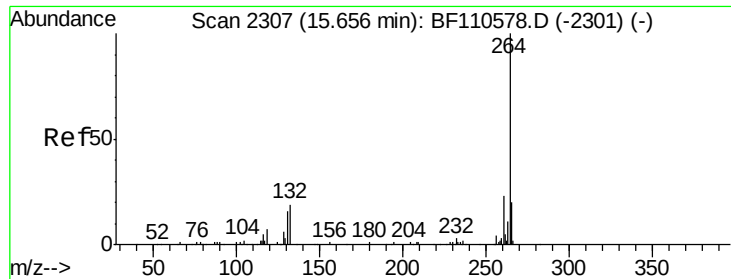
Tot Ion:240 Resp: 190012
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 26.2 21.2 31.8



#79
Terphenyl-d14
Concen: 27.754 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

Tgt Ion:244 Resp: 281599
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 13.0 8.7 13.1

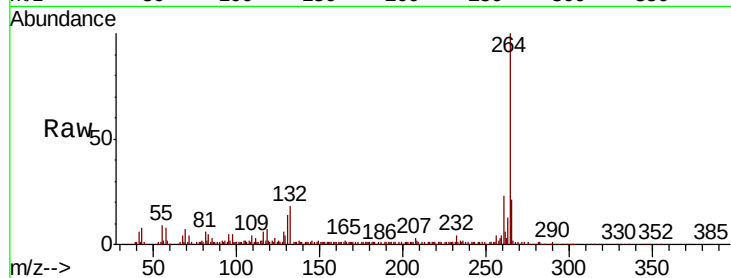




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110768.D
Acq: 14 Nov 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.1	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

