

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110648.D
 Acq On : 10 Nov 2018 00:47
 Operator : JU/SJ
 Sample : J5887-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:25:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	85325	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	338505	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	140320	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	212577	20.00	ng	0.00
76) Chrysene-d12	14.13	240	150391	20.00	ng	-0.01
87) Perylene-d12	15.66	264	116895	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	604615	115.10	ng	0.00
7) Phenol-d6	6.57	99	849049	126.40	ng	0.00
23) Nitrobenzene-d5	7.51	82	548182	93.26	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	127863	90.43	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	925654	94.21	ng	0.00
79) Terphenyl-d14	13.06	244	629304	78.36	ng	0.00

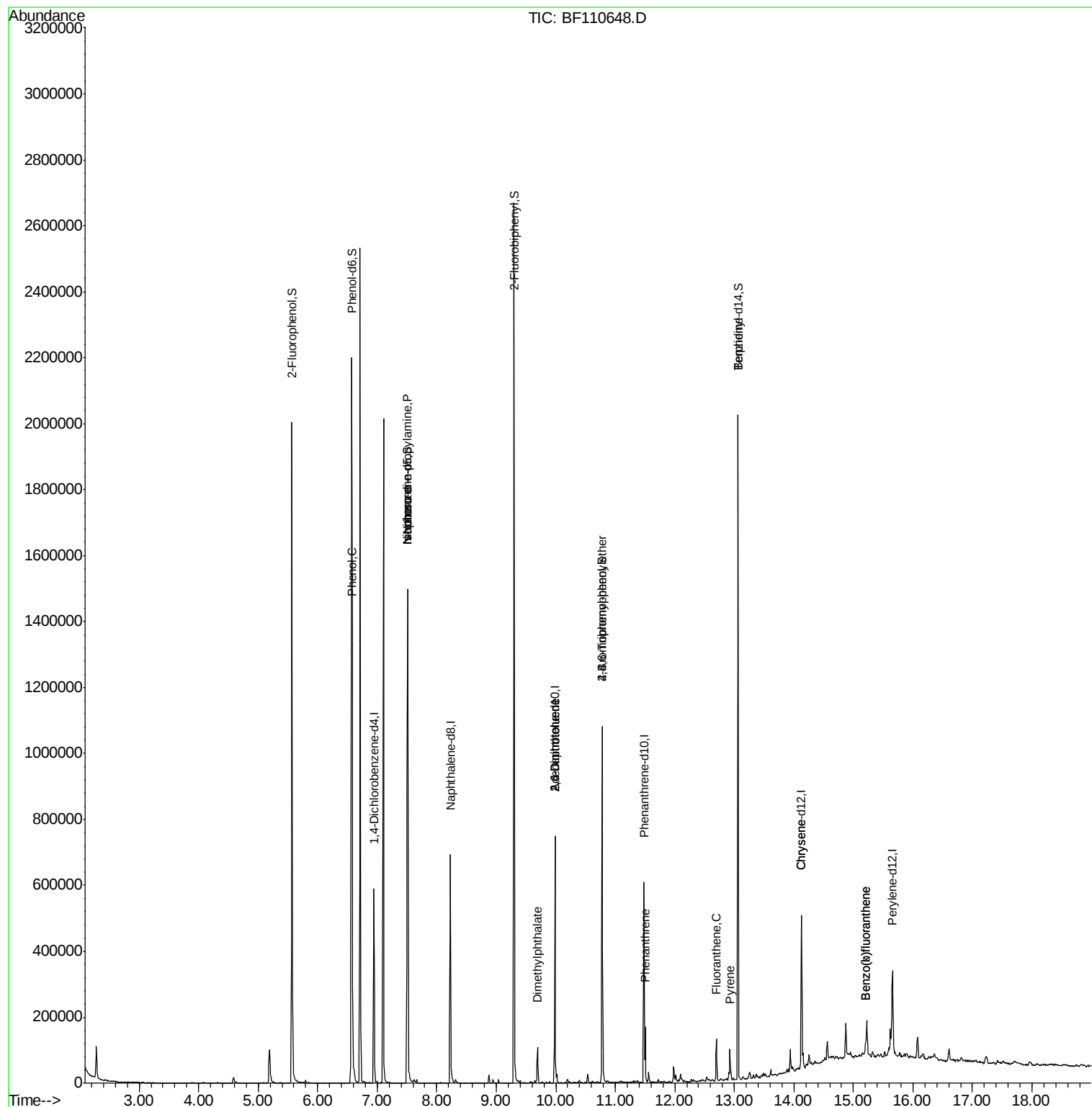
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	1630	Below Cal		# 1
10) Phenol	6.59	94	49854	6.401	ng	# 65
19) n-Nitroso-di-n-propylamine	7.51	70	71730	16.729	ng	# 82
25) Isophorone	7.51	82	548179	56.901	ng	# 67
50) Dimethylphthalate	9.69	163	45752	4.370	ng	99
51) 2,6-Dinitrotoluene	9.99	165	18078	7.849	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	18078	6.037	ng	# 18
67) 4-Bromophenyl-phenylether	10.78	248	8019	3.413	ng	# 1
71) Phenanthrene	11.50	178	63508	5.576	ng	98
75) Fluoranthene	12.70	202	49918	4.372	ng	98
77) Benzidine	13.06	184	8598	2.079	ng	95
78) Pylene	12.93	202	42297	3.653	ng	97
83) Chrysene	14.12	228	17244	2.014	ng	96
88) Benzo(b)fluoranthene	15.20	252	19551	2.796	ng	# 87
89) Benzo(k)fluoranthene	15.20	252	19551	2.829	ng	# 87

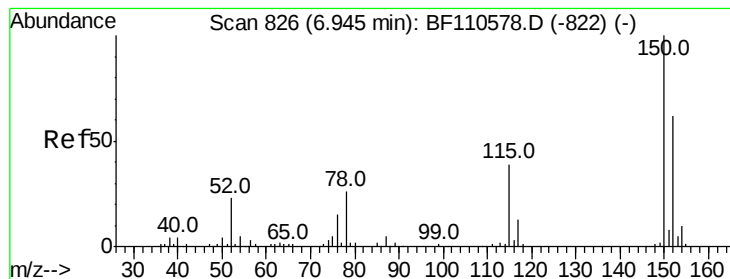
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110648.D
Acq On : 10 Nov 2018 00:47
Operator : JU/SJ
Sample : J5887-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 11 03:25:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration



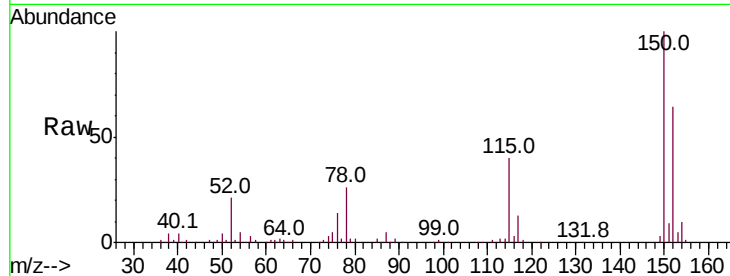


#1

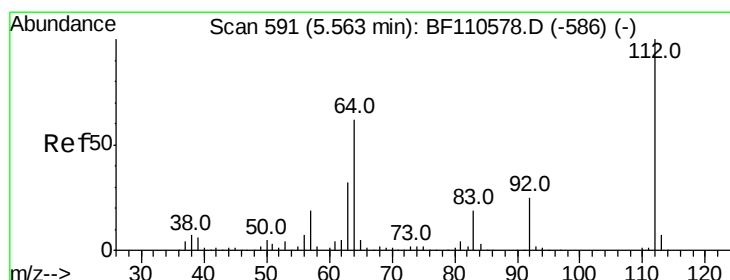
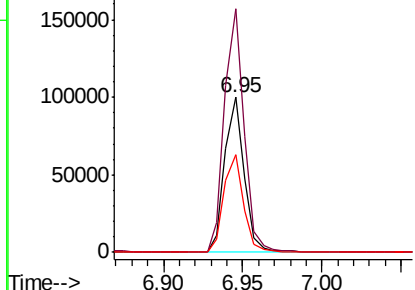
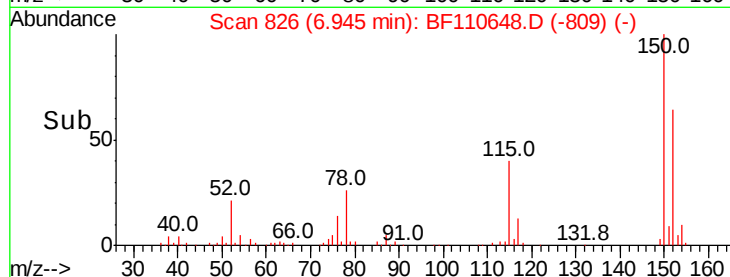
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85325
Ion Ratio Lower Upper
152 100
150 157.4 122.7 184.1
115 62.9 49.1 73.7



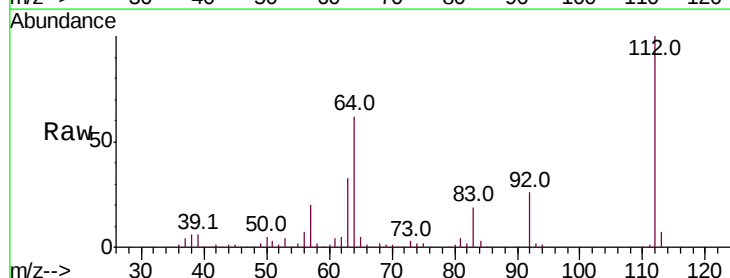
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



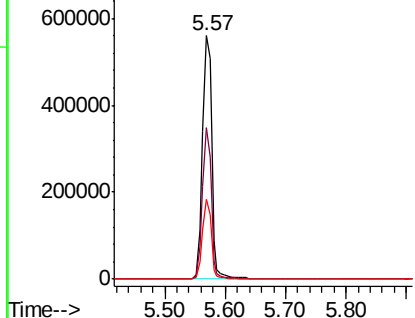
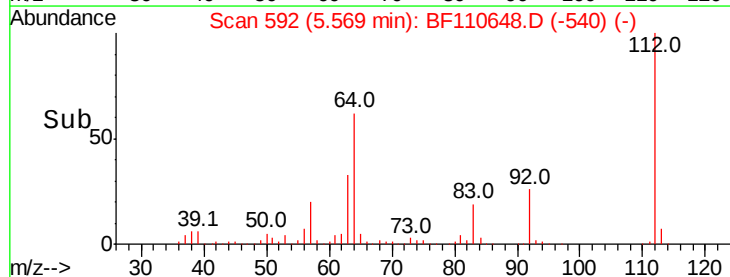
#5

2-Fluorophenol
Concen: 115.099 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Tgt Ion:112 Resp: 604615
Ion Ratio Lower Upper
112 100
64 62.1 44.1 66.1
63 32.6 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: 126.397 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110648.D

Acq: 10 Nov 2018 00:47

Instrument :

BNA_F

ClientSampled :

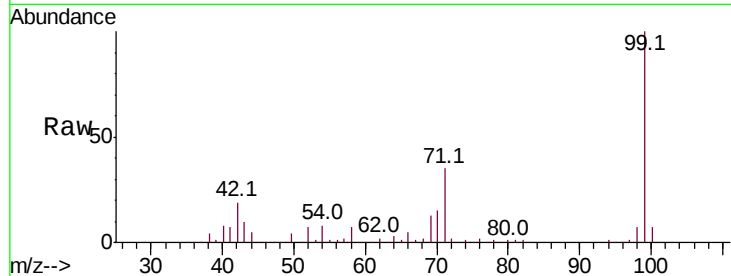
Tot Ion: 99 Resp: 849049

Ion Ratio Lower Upper

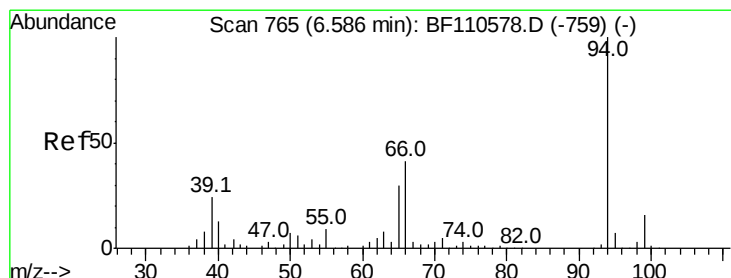
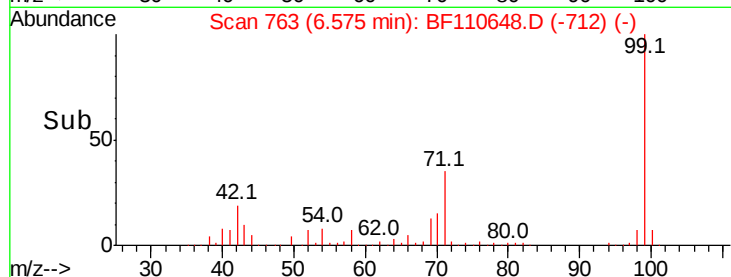
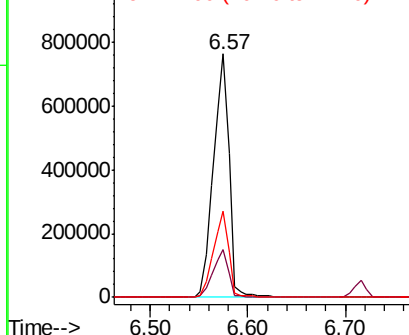
99 100

42 19.4 15.8 23.6

71 35.4 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: 6.401 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110648.D

Acq: 10 Nov 2018 00:47

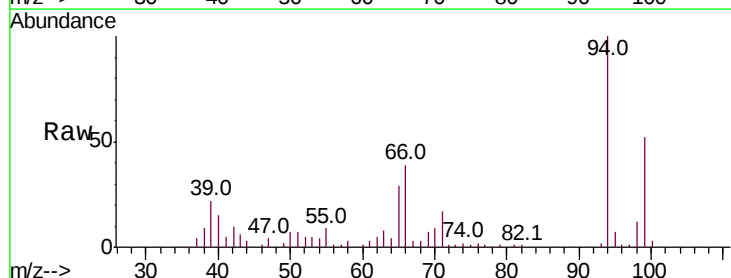
Tgt Ion: 94 Resp: 49854

Ion Ratio Lower Upper

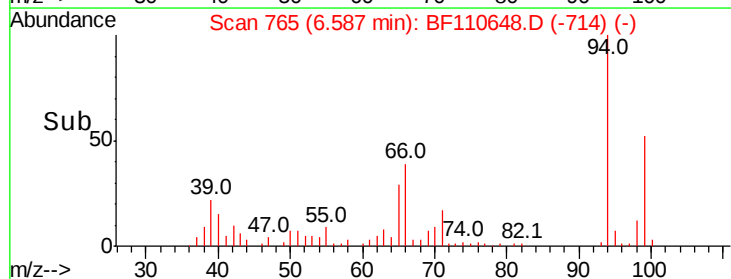
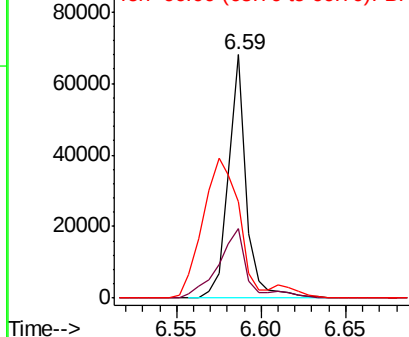
94 100

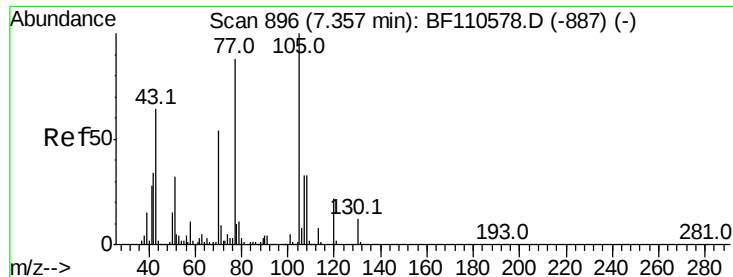
65 28.8 25.3 65.3

66 39.4 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

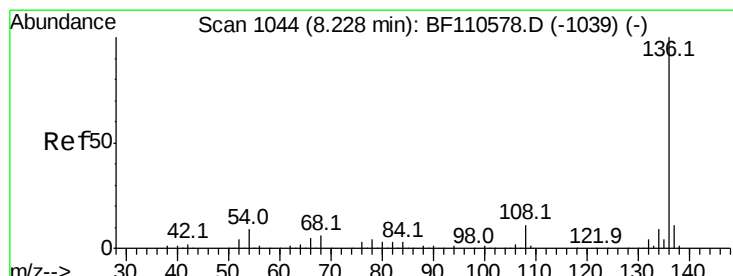
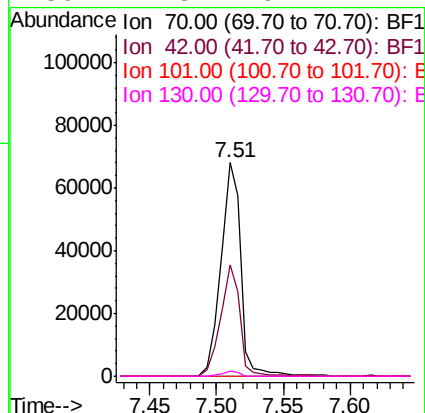
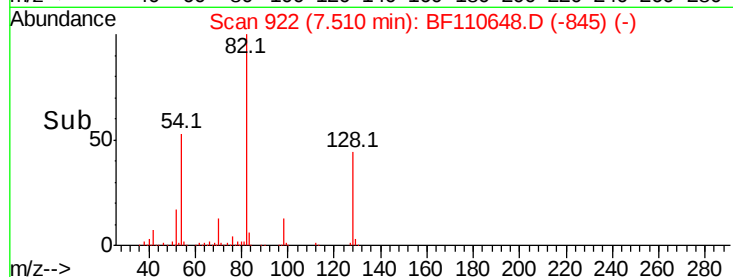
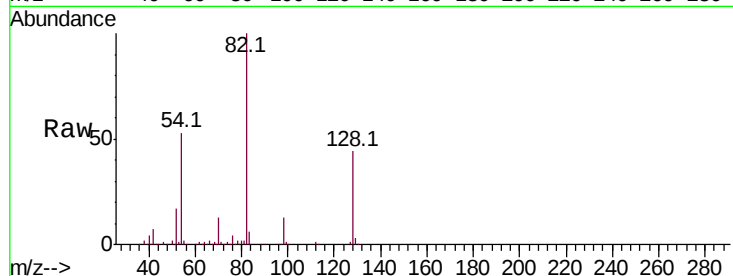




#19
n-Nitroso-di-n-propylamine
Concen: 16.729 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

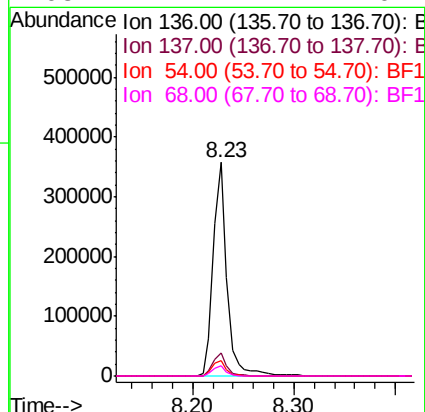
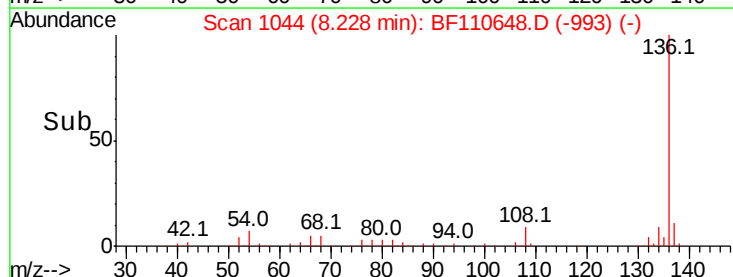
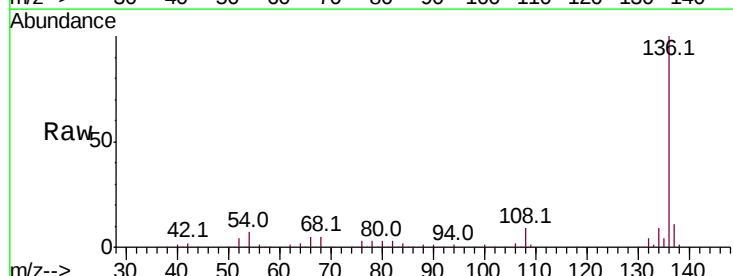
Instrument :
BNA_F
ClientSampled :

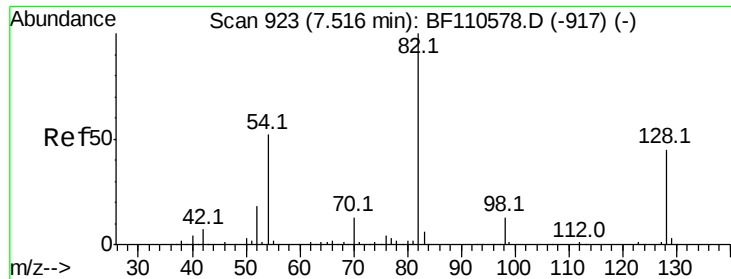
Tot Ion: 70 Resp: 71730
Ion Ratio Lower Upper
70 100
42 52.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Tgt Ion:136 Resp: 338505
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.3 5.4 8.2
68 4.7 4.2 6.2

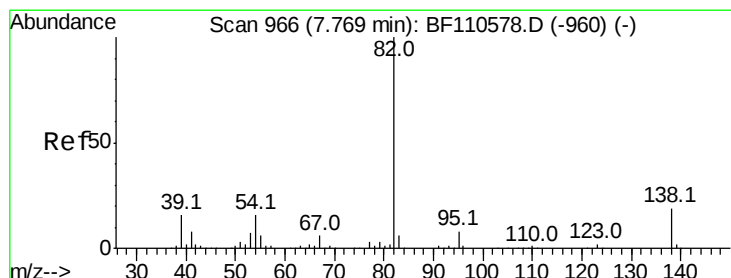
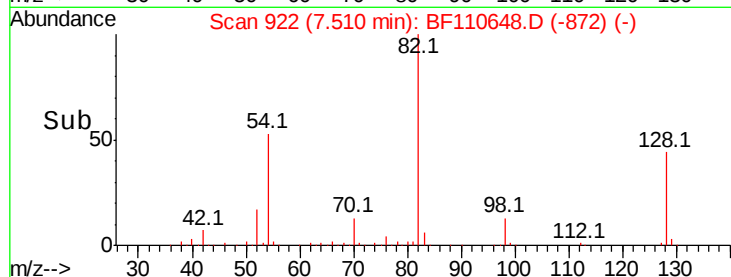
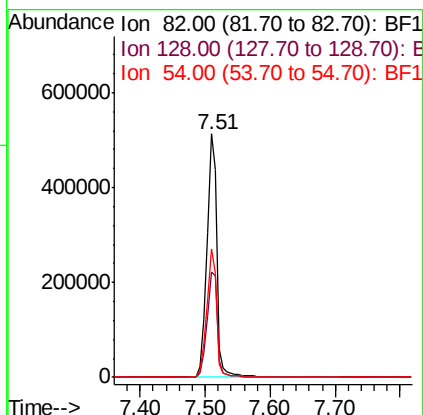
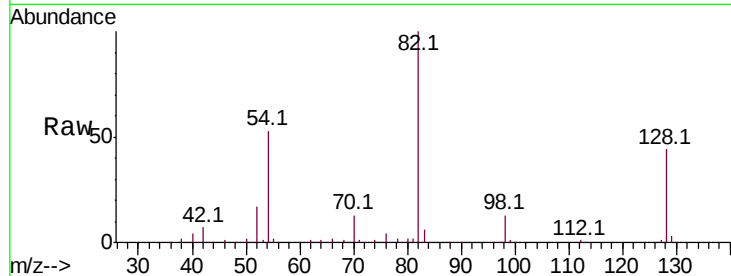




#23
Nitrobenzene-d5
Concen: 93.262 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

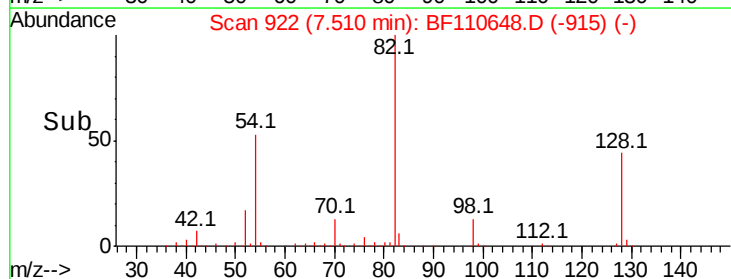
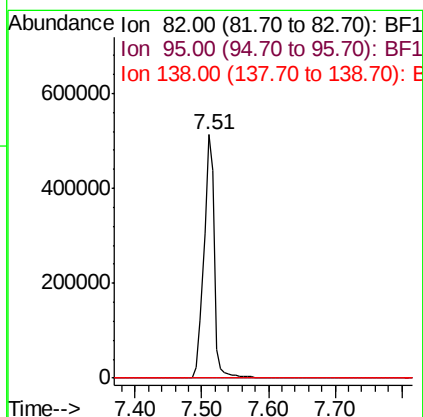
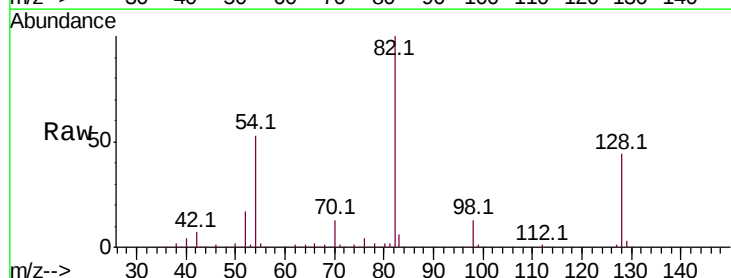
Instrument :
BNA_F
ClientSampled :

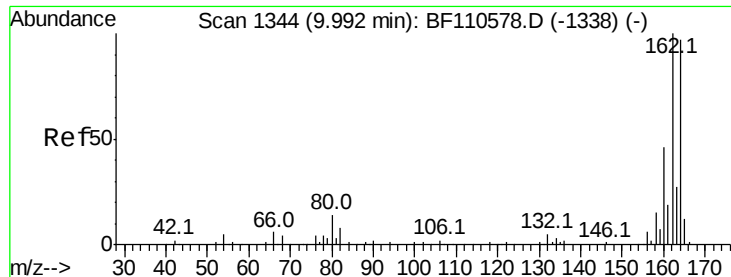
Tot Ion	82	Resp	548182
Ion Ratio	Lower	Upper	
82	100		
128	43.5	34.2	51.2
54	52.9	38.6	58.0



#25
Isophorone
Concen: 56.901 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Tgt Ion	82	Resp	548179
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

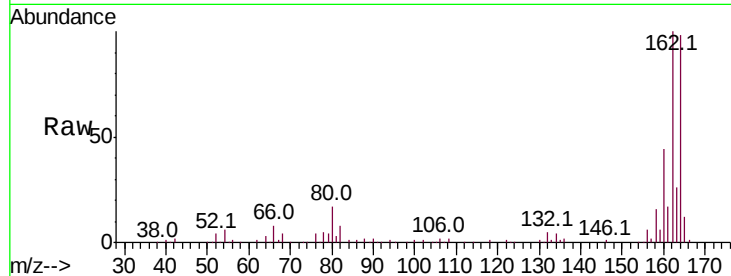




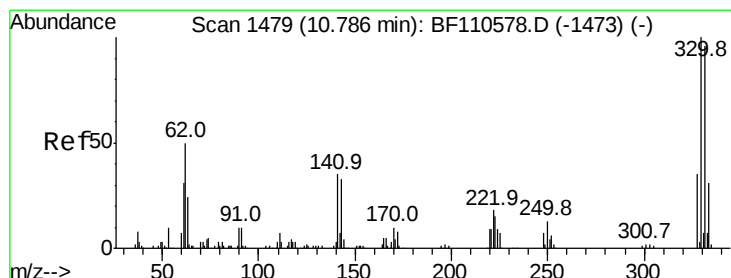
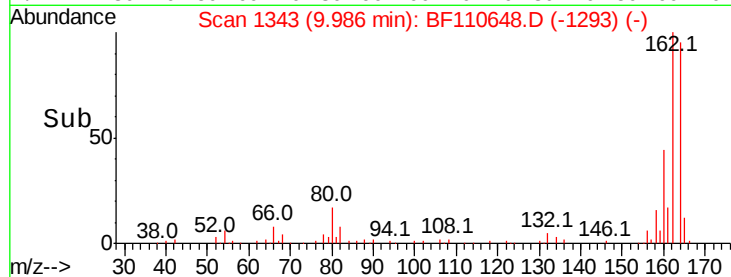
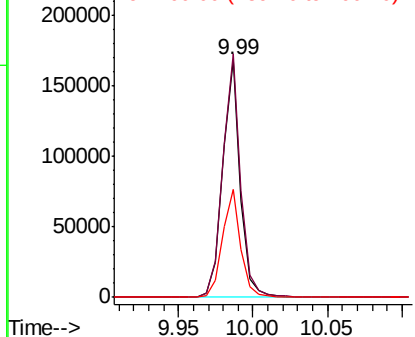
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 140320
Ion Ratio Lower Upper
164 100
162 102.5 83.0 124.6
160 45.2 37.0 55.6

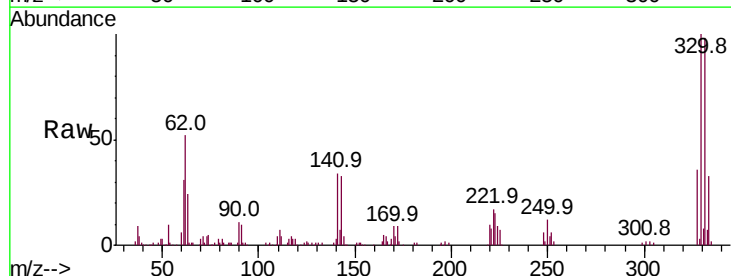


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

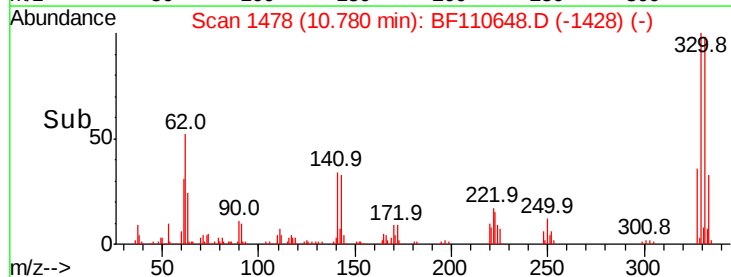
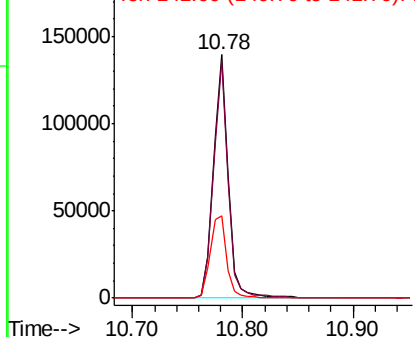


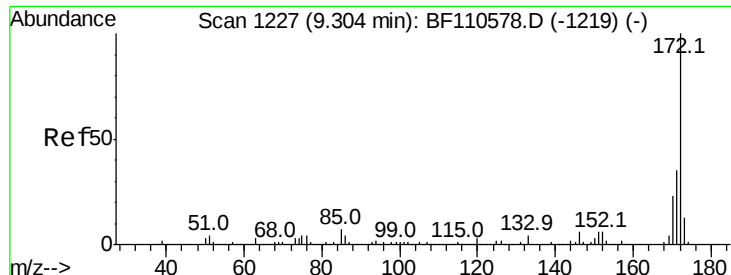
#42
2,4,6-Tribromophenol
Concen: 90.433 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Tgt Ion:330 Resp: 127863
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 37.8 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

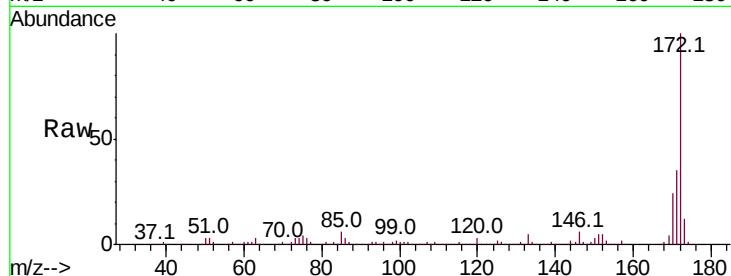




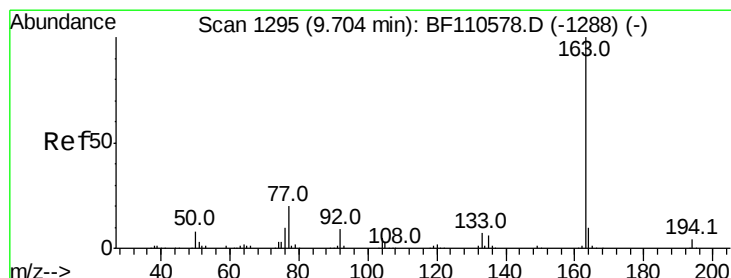
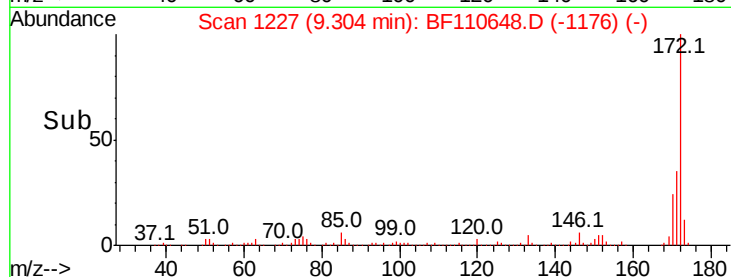
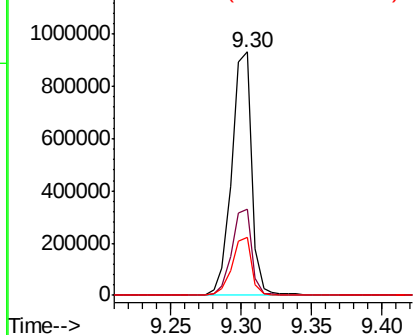
#45
2-Fluorobiphenyl
Concen: 94.213 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 925654
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 19.7 29.5

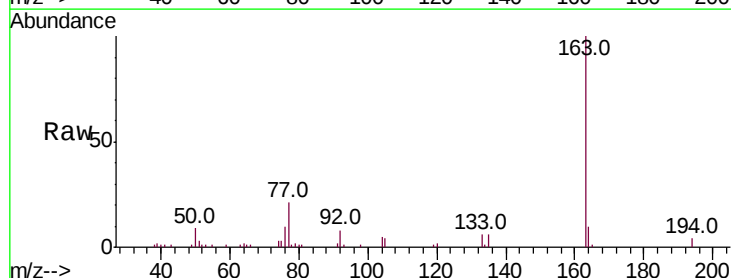


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

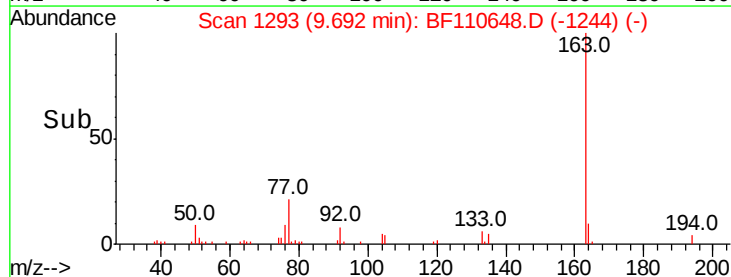
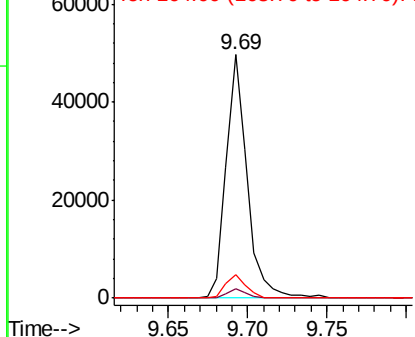


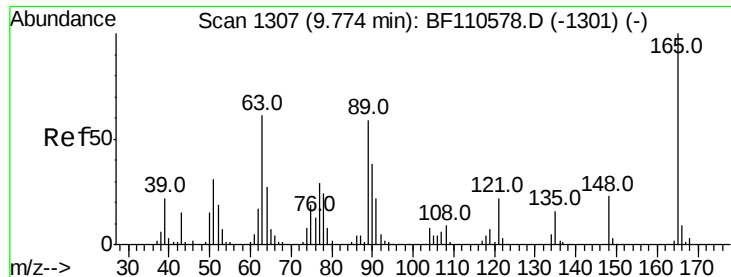
#50
Dimethylphthalate
Concen: 4.370 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Tgt Ion:163 Resp: 45752
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.5 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

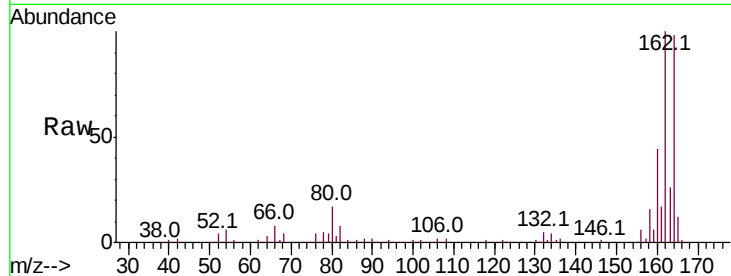




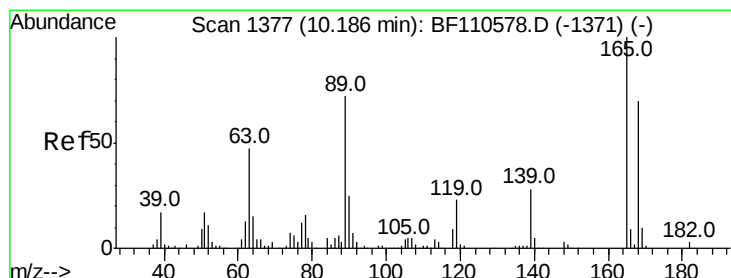
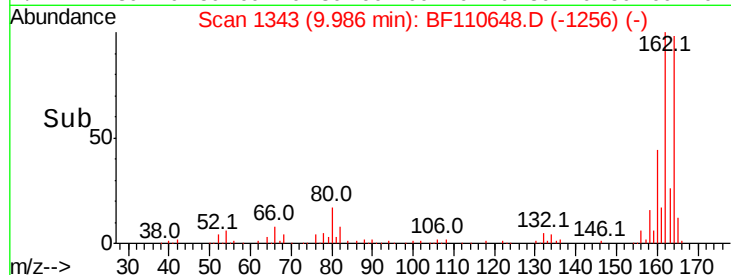
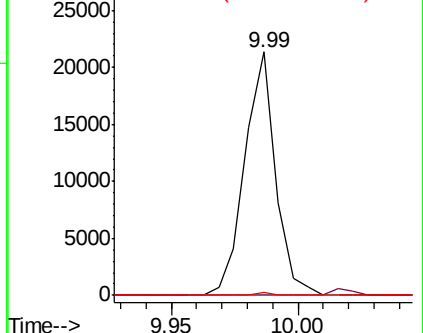
#51
 2,6-Dinitrotoluene
 Concen: 7.849 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110648.D
 Acq: 10 Nov 2018 00:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.5	46.6	69.8#

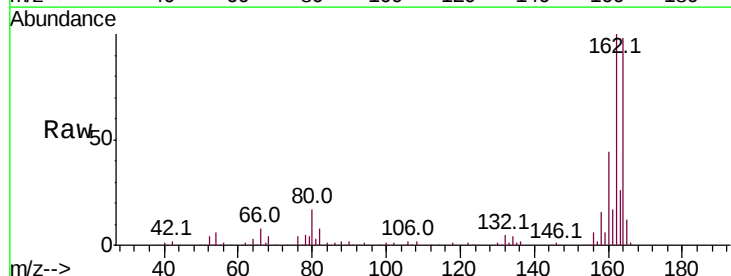


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

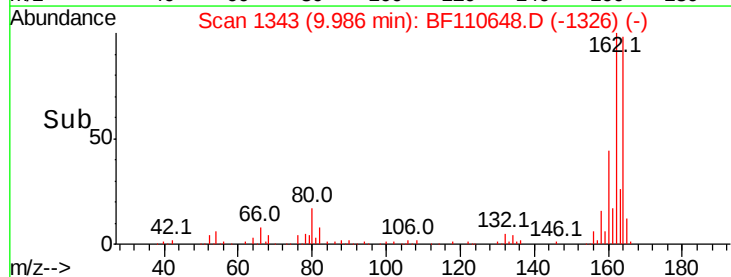
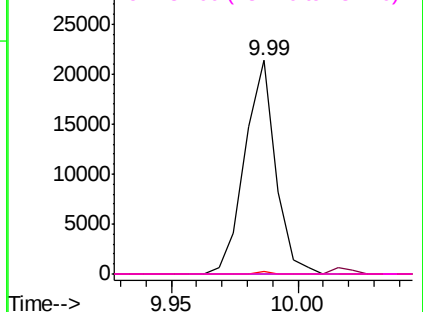


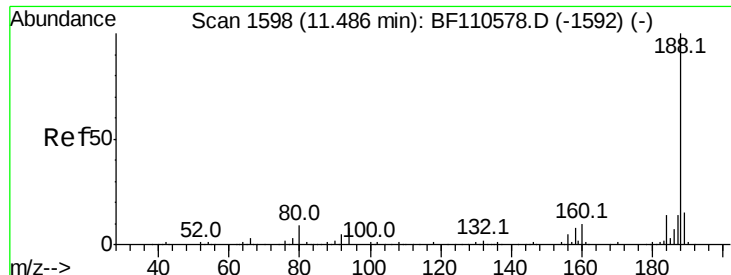
#57
 2,4-Dinitrotoluene
 Concen: 6.037 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110648.D
 Acq: 10 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

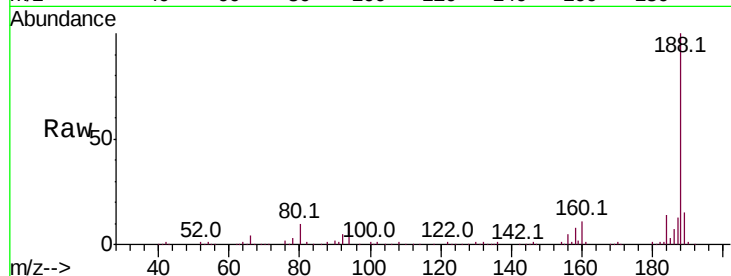




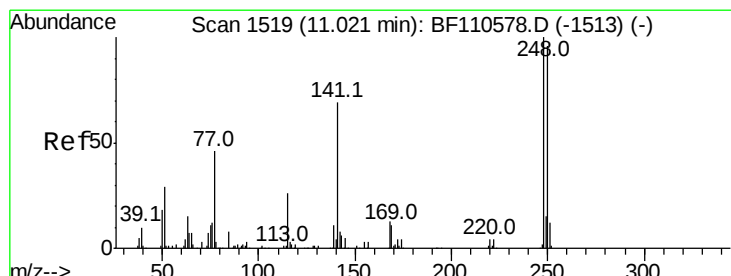
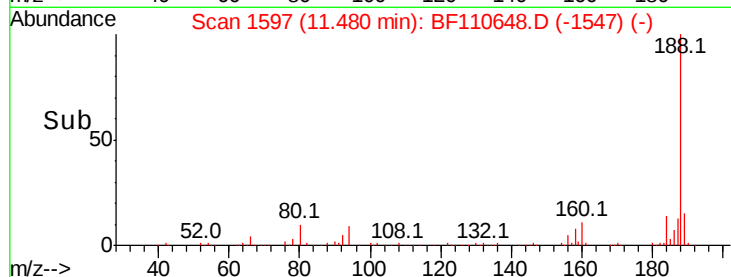
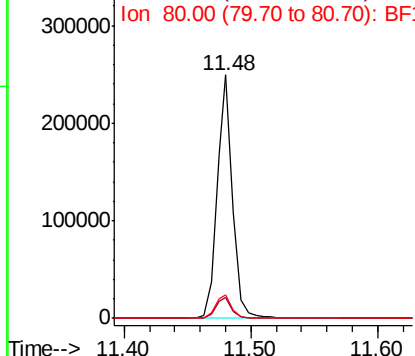
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 212577
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.7 7.9 11.9

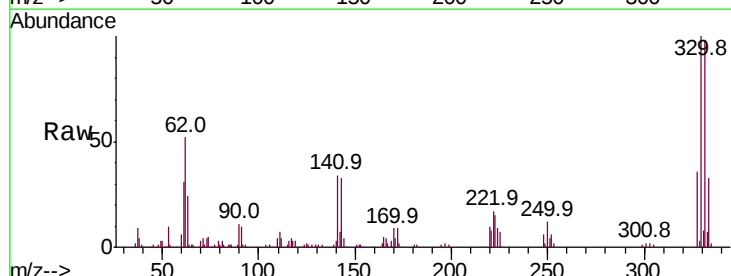


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

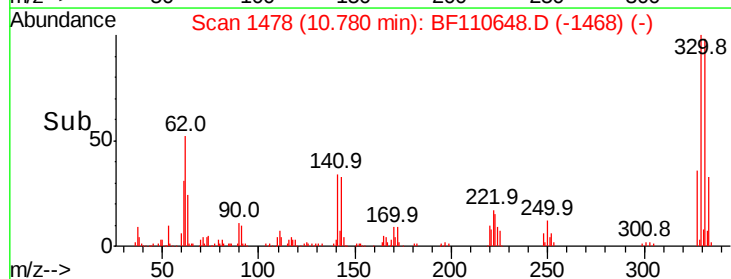
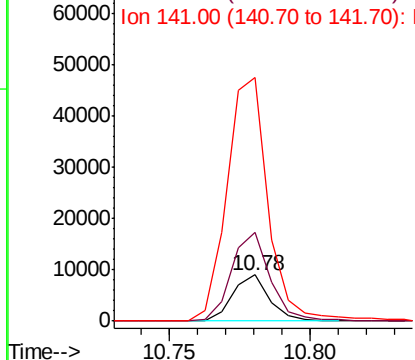


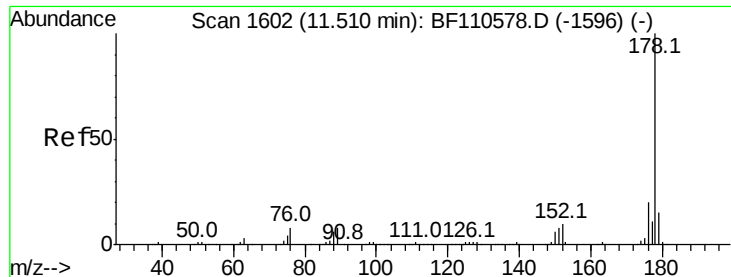
#67
4-Bromophenyl-phenylether
Concen: 3.413 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Tgt Ion:248 Resp: 8019
Ion Ratio Lower Upper
248 100
250 193.6 79.4 119.2#
141 527.9 55.9 83.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

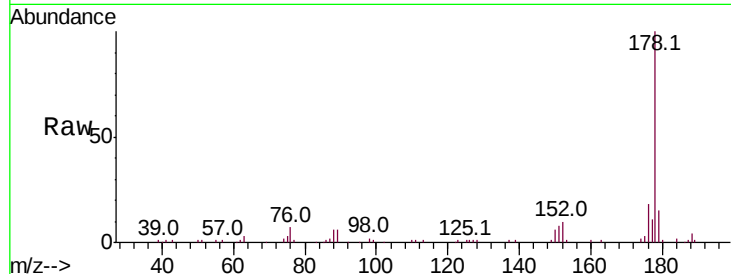




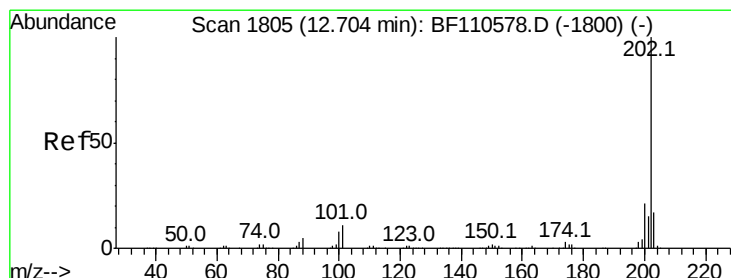
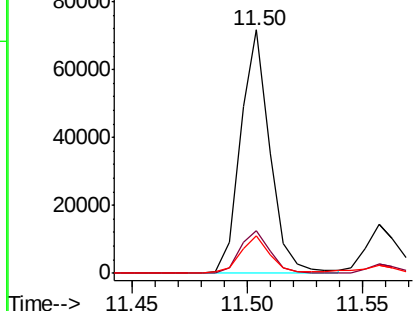
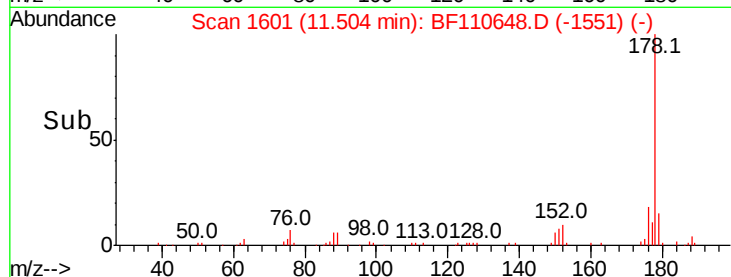
#71
Phenanthrene
Concen: 5.576 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 63508
Ion Ratio Lower Upper
178 100
176 17.7 15.5 23.3
179 15.2 12.5 18.7

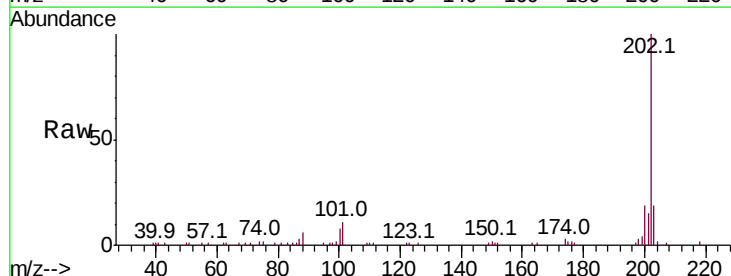


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

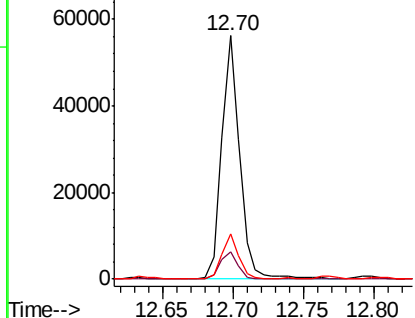
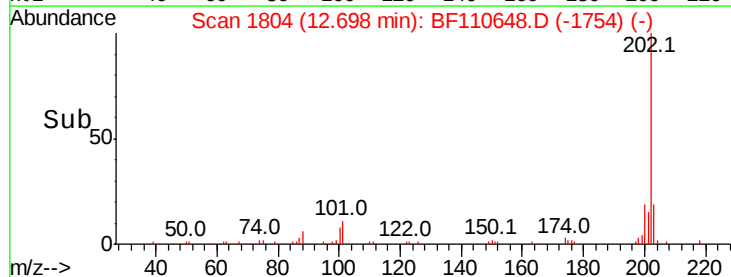


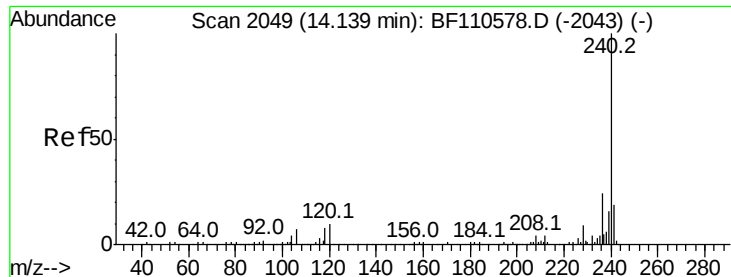
#75
Fluoranthene
Concen: 4.372 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Tgt Ion:202 Resp: 49918
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 18.8 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

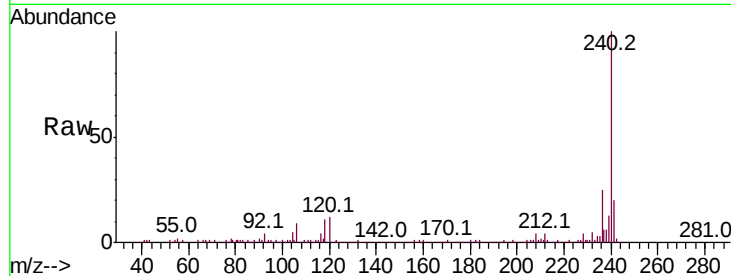




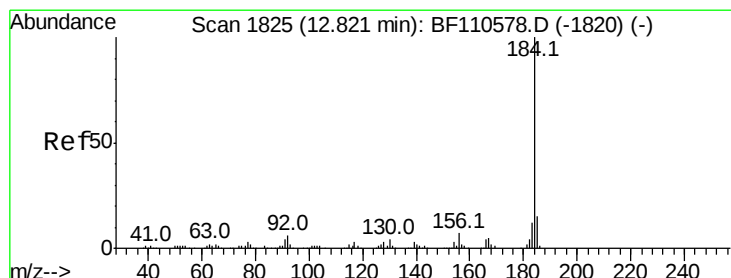
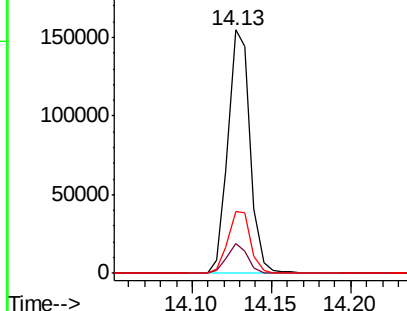
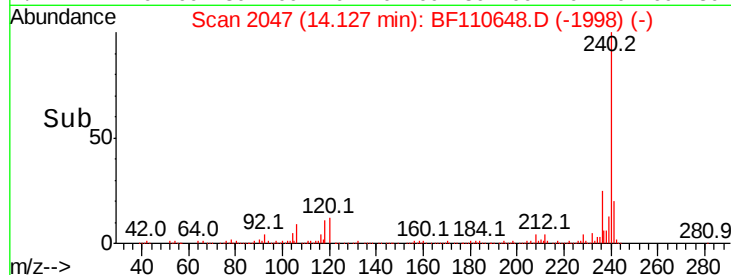
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 150391
Ion Ratio Lower Upper
240 100
120 12.4 8.3 12.5
236 25.4 21.2 31.8

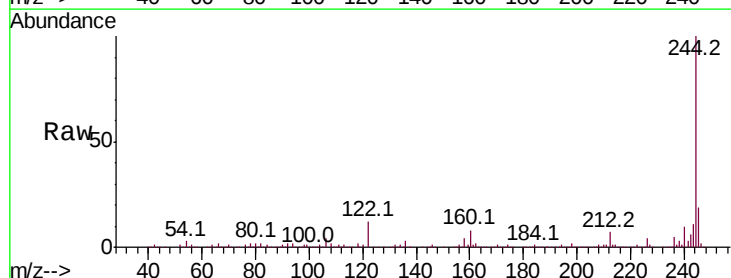


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

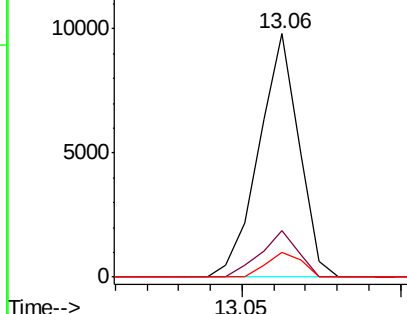
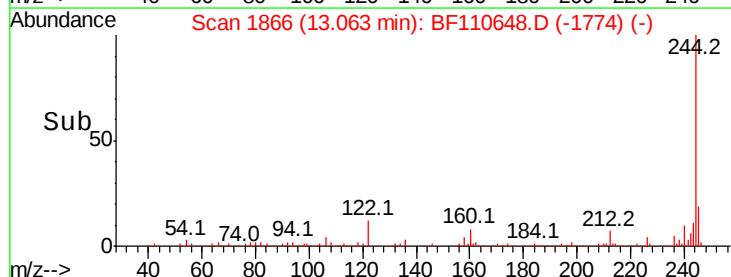


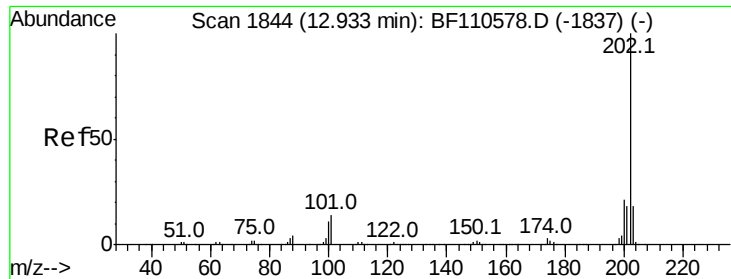
#77
Benzidine
Concen: 2.079 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.24 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Tgt Ion:184 Resp: 8598
Ion Ratio Lower Upper
184 100
185 18.9 13.4 20.2
183 10.1 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

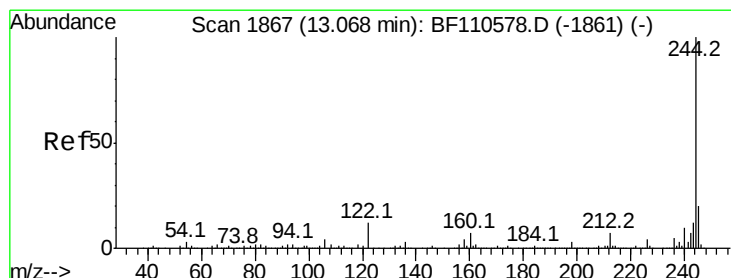
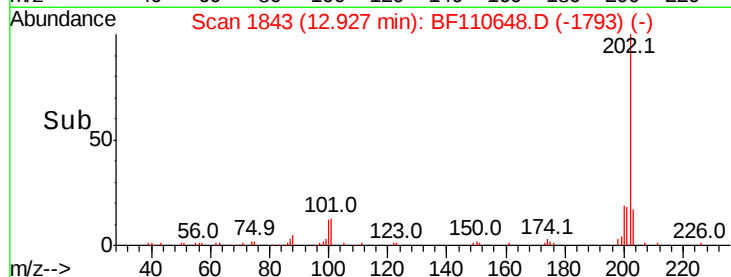
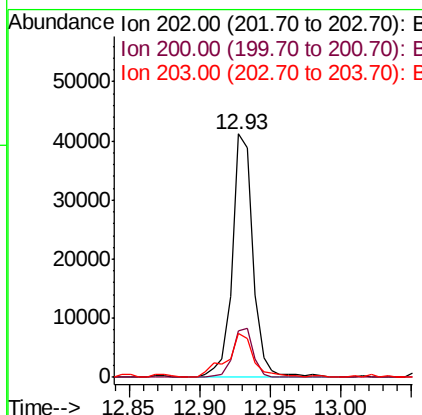
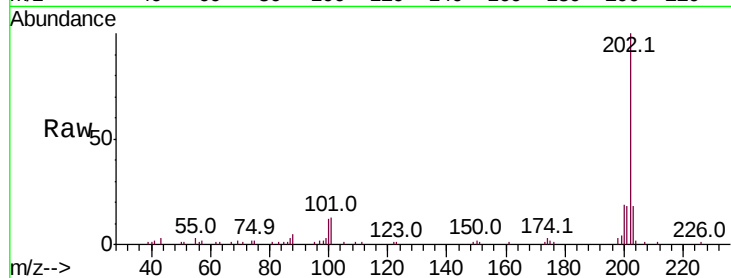




#78
Pvrene
Concen: 3.653 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

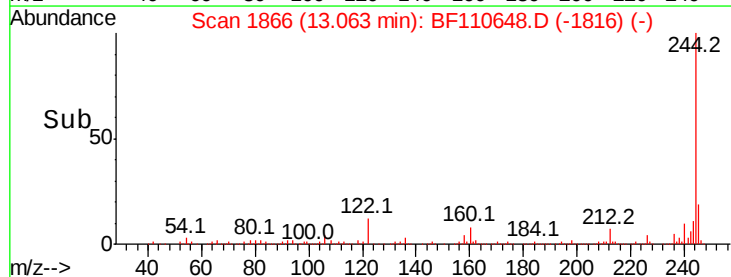
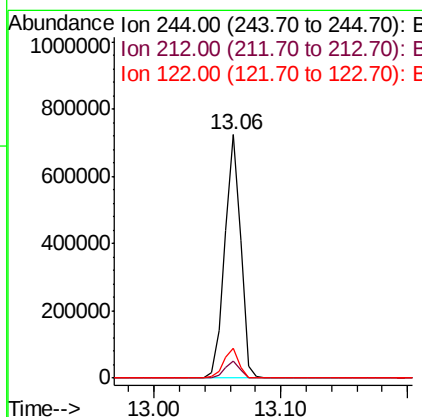
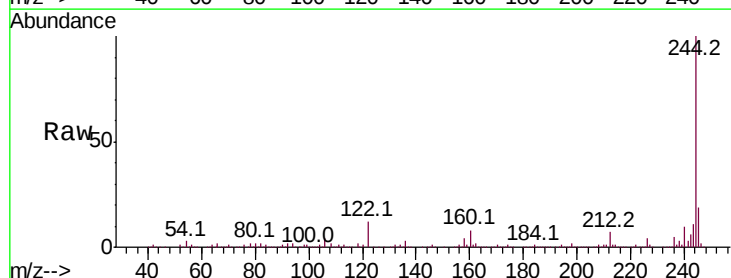
Instrument :
BNA_F
ClientSampled :

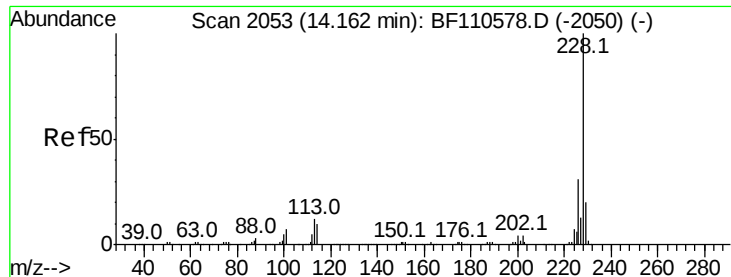
Tot Ion:202 Resp: 42297
Ion Ratio Lower Upper
202 100
200 19.2 17.8 26.6
203 17.9 14.2 21.4



#79
Terphenyl-d14
Concen: 78.365 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Tgt Ion:244 Resp: 629304
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 12.2 8.7 13.1





#83

Chrysene

Concen: 2.014 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.04 min

Lab File: BF110648.D

Acq: 10 Nov 2018 00:47

Instrument :

BNA_F

ClientSampleId :

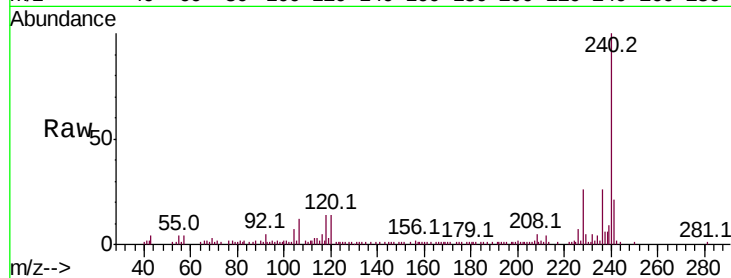
Tot Ion:228 Resp: 17244

Ion Ratio Lower Upper

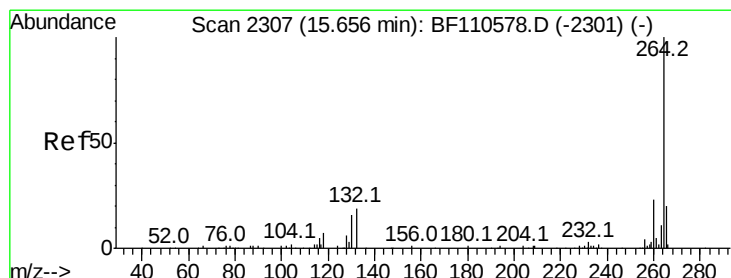
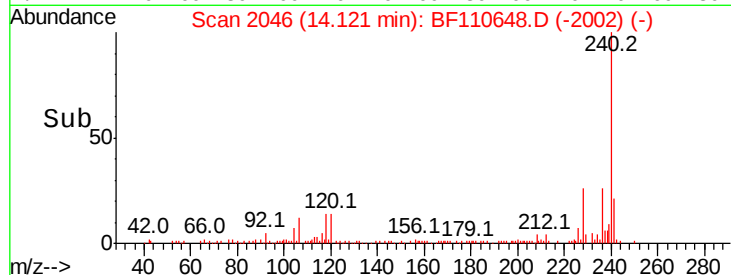
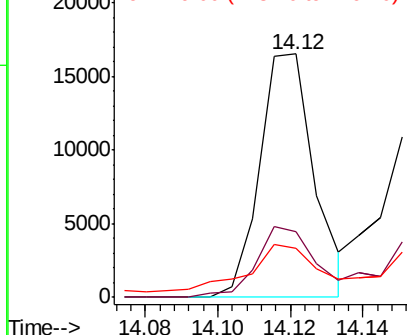
228 100

226 27.0 24.7 37.1

229 20.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110648.D

Acq: 10 Nov 2018 00:47

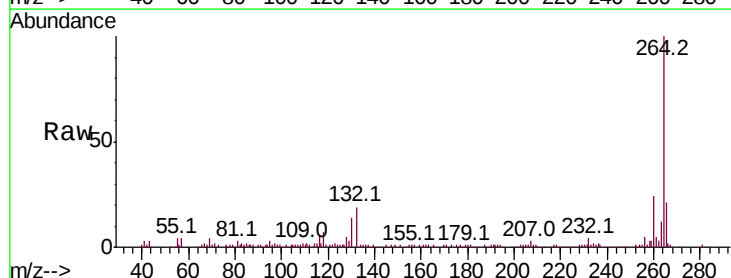
Tgt Ion:264 Resp: 116895

Ion Ratio Lower Upper

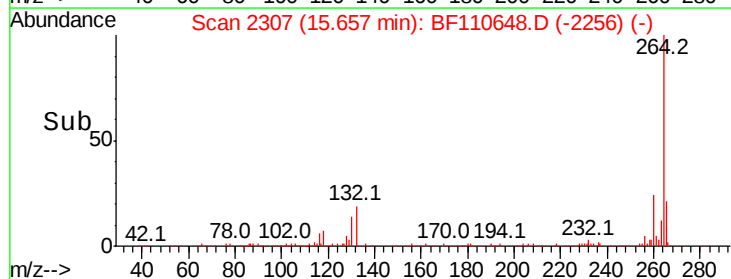
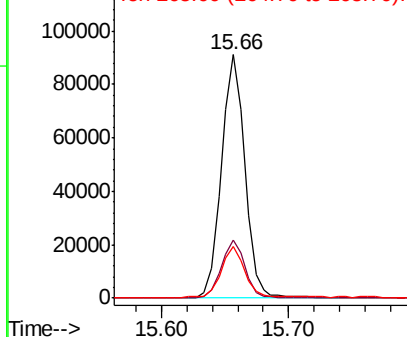
264 100

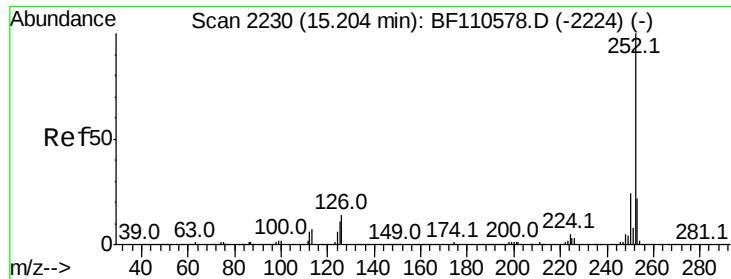
260 23.9 18.7 28.1

265 21.3 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

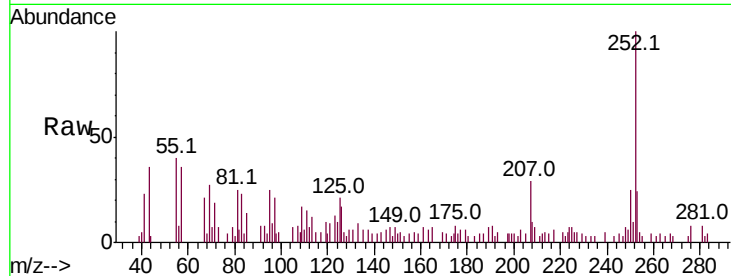




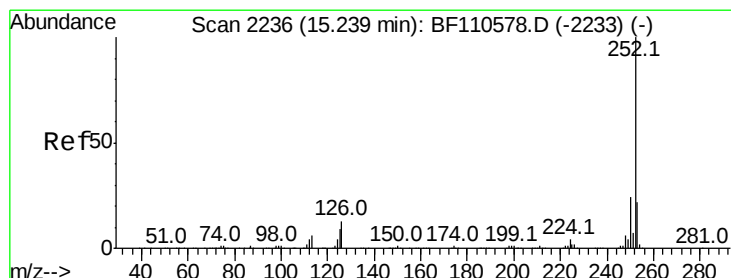
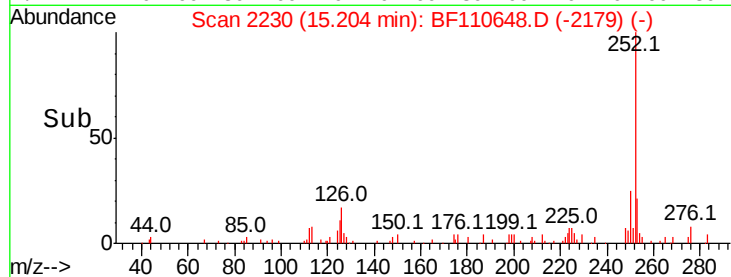
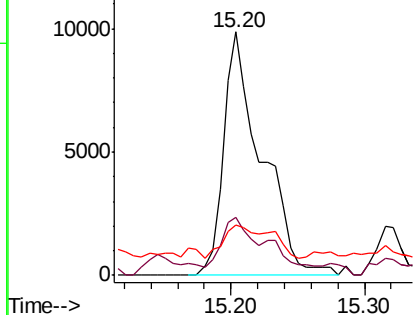
#88
Benzo(b)fluoranthene
Concen: 2.796 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	20.7	8.2	12.4

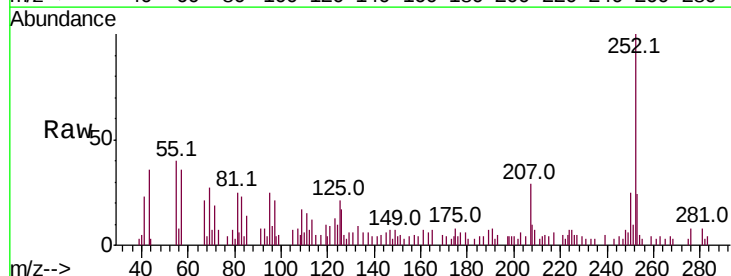


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 2.829 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	20.7	7.4	11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

