

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111417.D
 Acq On : 14 Dec 2018 14:32
 Operator : JU/SJ
 Sample : J6319-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 15:41:31 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	6.80	152	168054	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	650053	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	363964	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	651297	20.00	ng	0.00
76) Chrysene-d12	13.94	240	427429	20.00	ng	0.00
87) Perylene-d12	15.38	264	370518	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	901846	89.30	ng	0.00
7) Phenol-d6	6.44	99	1254467	93.38	ng	0.00
23) Nitrobenzene-d5	7.36	82	842169	77.15	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	204113	62.60	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1301511	55.24	ng	0.00
79) Terphenyl-d14	12.90	244	1205745	66.24	ng	0.00

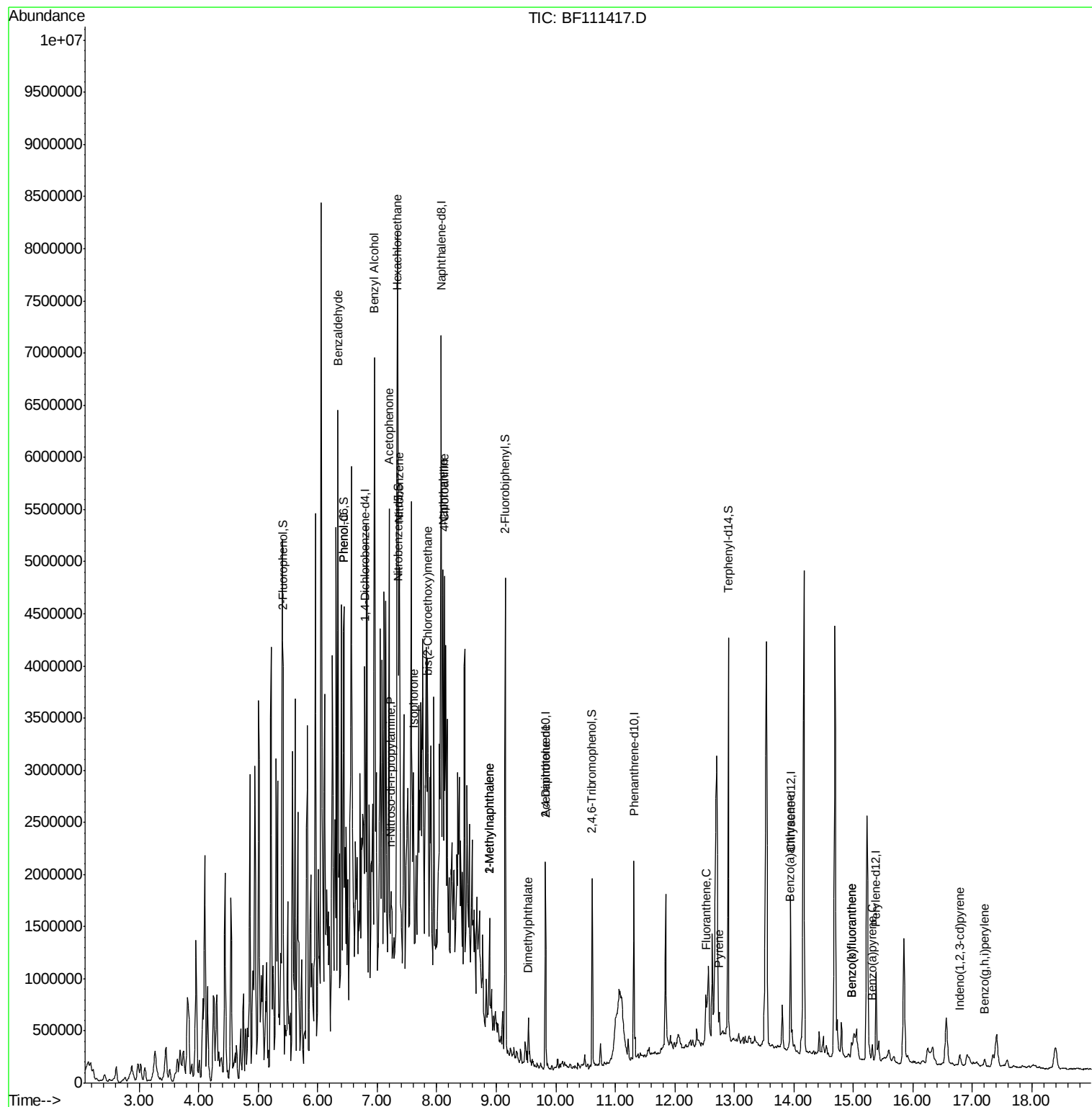
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.34	77	22494	2.761	ng	# 9
10) Phenol	6.45	94	82517	5.514	ng	# 87
15) Benzyl Alcohol	6.96	79	39233	3.838	ng	# 47
18) Hexachloroethane	7.33	117	388479	77.424	ng	# 1
19) n-Nitroso-di-n-propylamine	7.23	70	39669	4.476	ng	# 67
22) Acetophenone	7.19	105	56703	3.908	ng	# 1
24) Nitrobenzene	7.37	77	70068	6.292	ng	# 27
25) Isophorone	7.61	82	72874	3.945	ng	# 1
28) bis(2-Chloroethoxy)methane	7.85	93	28346	2.223	ng	# 1
31) Naphthalene	8.10	128	68388	2.249	ng	# 1
33) 4-Chloroaniline	8.13	127	42509	3.144	ng	# 1
37) 2-Methylnaphthalene	8.89	142	231423	11.248	ng	# 96
38) 1-Methylnaphthalene	8.89	142	231423	11.643	ng	# 98
50) Dimethylphthalate	9.54	163	146511	5.589	ng	# 98
57) 2,4-Dinitrotoluene	9.83	165	47232	6.099	ng	# 25
75) Fluoranthene	12.52	202	93468	2.847	ng	# 96
78) Pyrene	12.74	202	99511	3.302	ng	# 95
81) Benzo(a)anthracene	13.93	228	50205	2.160	ng	# 98
86) Indeno(1,2,3-cd)pyrene	16.79	276	58617	3.317	ng	# 90
88) Benzo(b)fluoranthene	14.97	252	105883	4.902	ng	# 96
89) Benzo(k)fluoranthene	14.97	252	105883	5.130	ng	# 95
90) Benzo(a)pyrene	15.32	252	65695	3.372	ng	# 97
92) Benzo(g,h,i)perylene	17.20	276	55957	3.710	ng	# 95

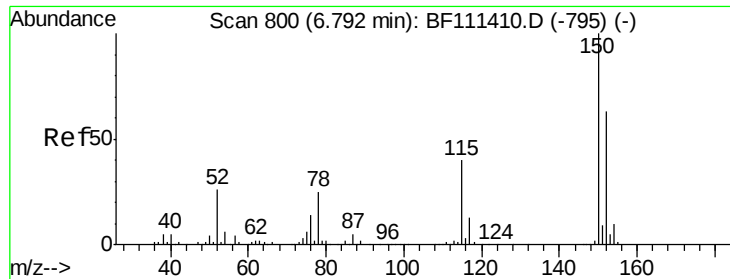
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
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Quant Time: Dec 14 15:20:14 2018
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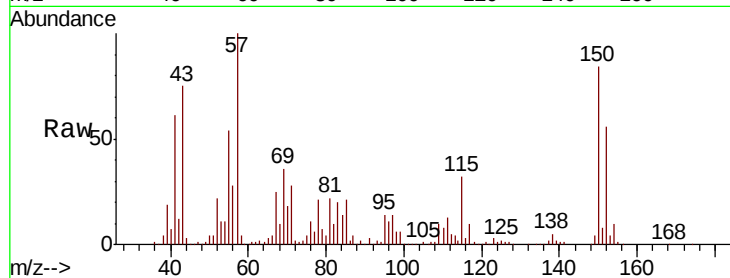




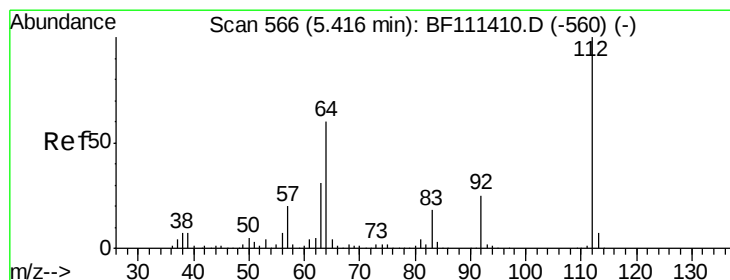
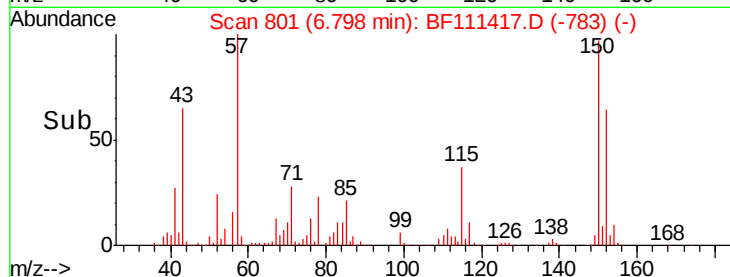
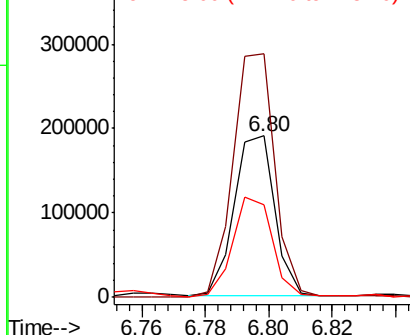
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF111417.D
 Acq: 14 Dec 2018 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 168054
 Ion Ratio Lower Upper
 152 100
 150 150.8 126.6 189.8
 115 57.0 50.7 76.1

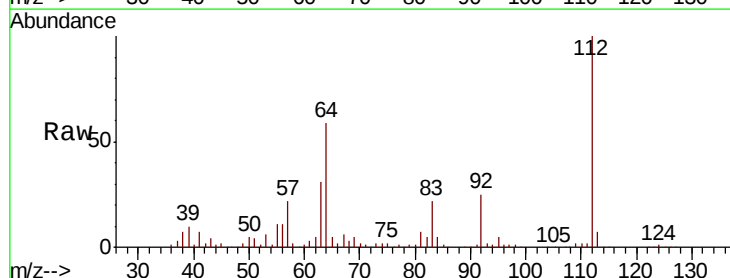


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

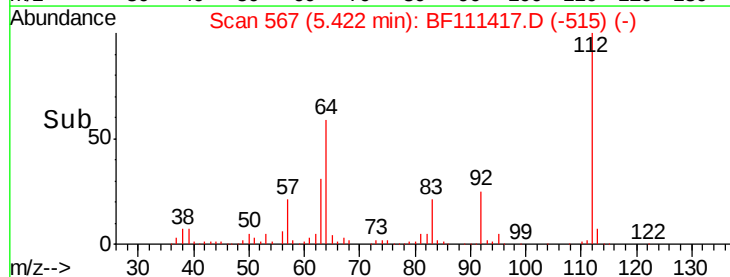
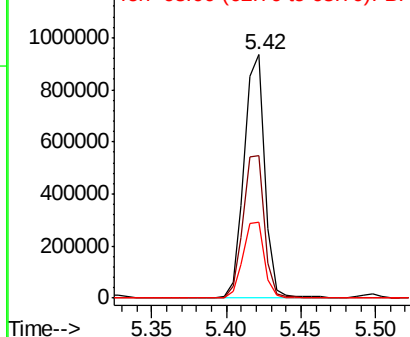


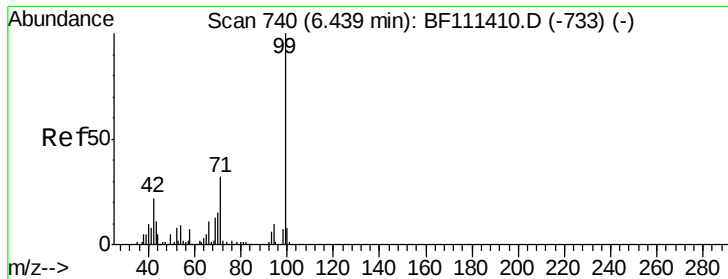
#5
 2-Fluorophenol
 Concen: 89.300 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF111417.D
 Acq: 14 Dec 2018 14:32

Tgt Ion:112 Resp: 901846
 Ion Ratio Lower Upper
 112 100
 64 58.8 51.8 77.6
 63 30.9 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: 93.384 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

Instrument :

BNA_F

ClientSampleId :

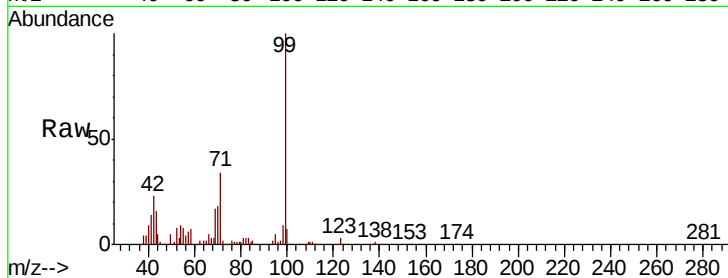
Tot Ion: 99 Resp: 1254467

Ion Ratio Lower Upper

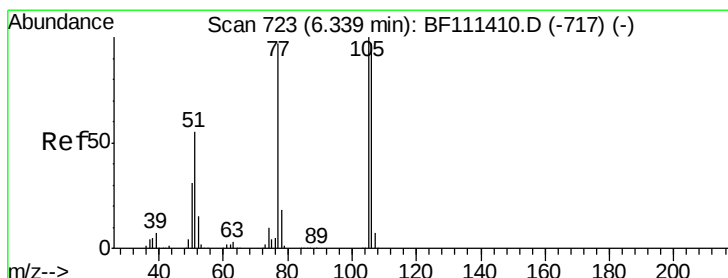
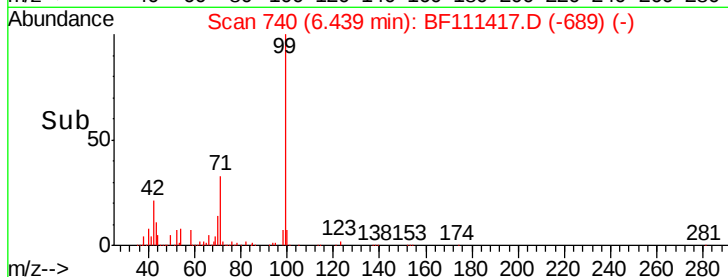
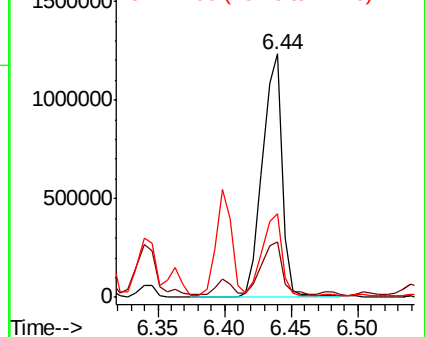
99 100

42 22.6 17.4 26.0

71 34.3 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



#9

Benzaldehyde

Concen: 2.761 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

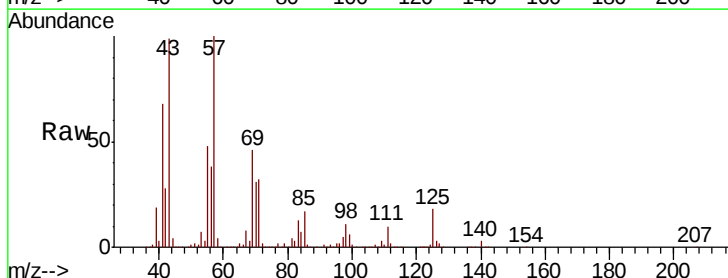
Tgt Ion: 77 Resp: 22494

Ion Ratio Lower Upper

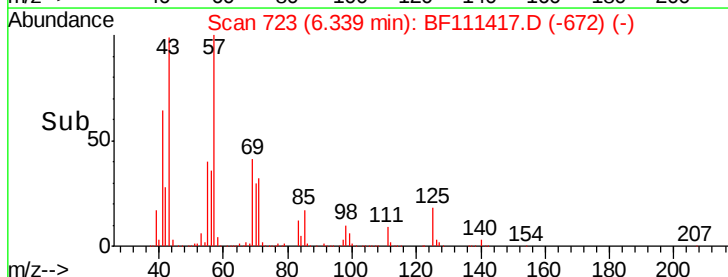
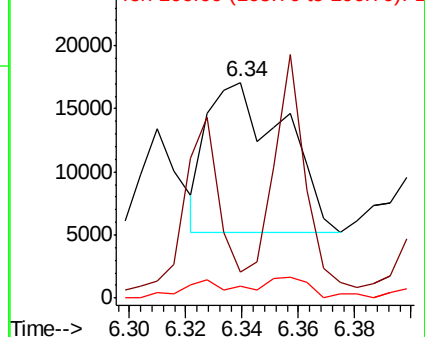
77 100

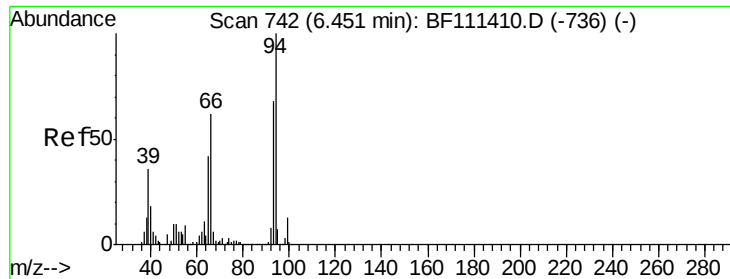
105 11.8 81.4 121.4#

106 5.3 77.9 117.9#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 5.514 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

Instrument :

BNA_F

ClientSampled :

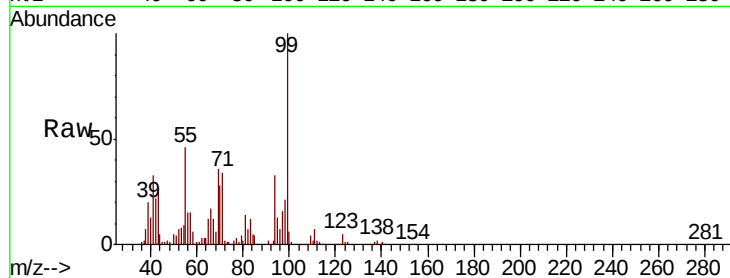
Tot Ion: 94 Resp: 82517

Ion Ratio Lower Upper

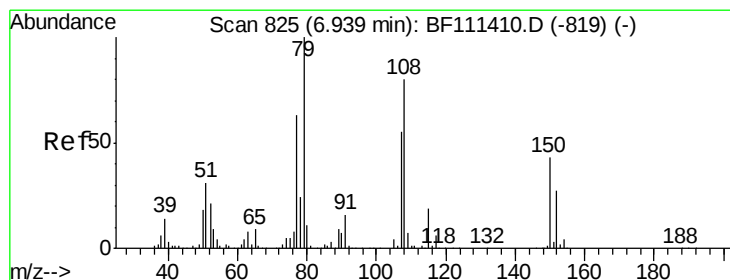
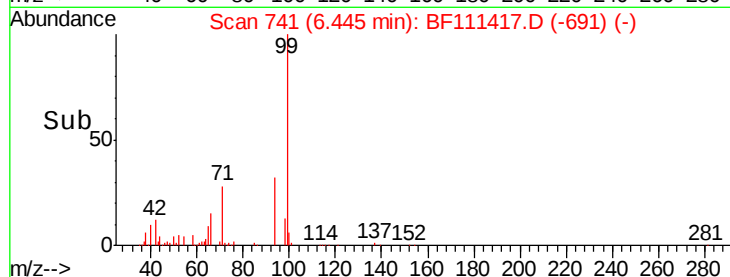
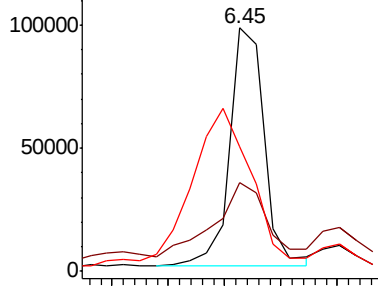
94 100

65 36.4 11.7 51.7

66 51.1 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



#15

Benzyl Alcohol

Concen: 3.838 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.02 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

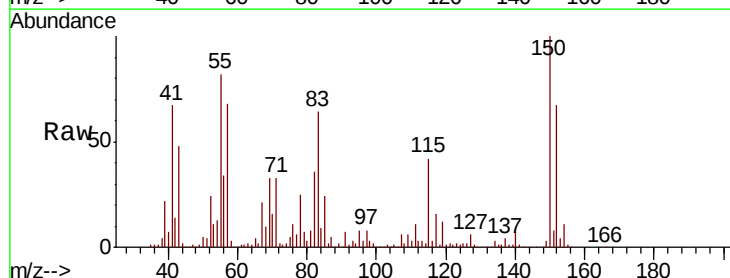
Tgt Ion: 79 Resp: 39233

Ion Ratio Lower Upper

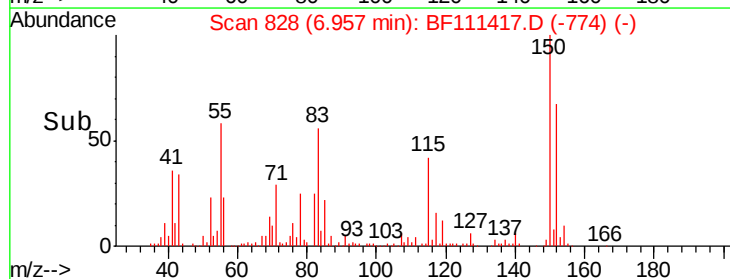
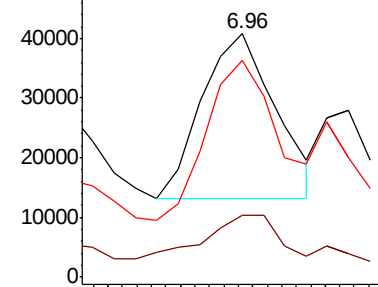
79 100

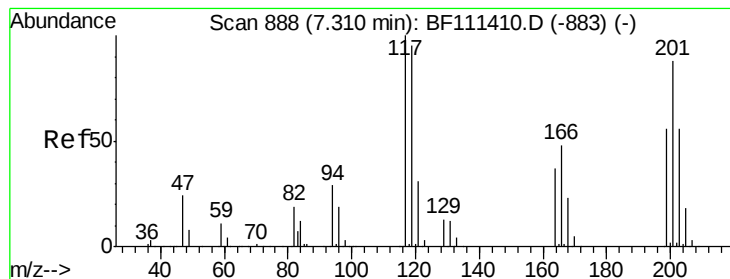
108 25.5 69.4 104.2#

77 88.8 49.7 74.5#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#18

Hexachloroethane

Concen: 77.424 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.02 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

Instrument :

BNA_F

ClientSampleId :

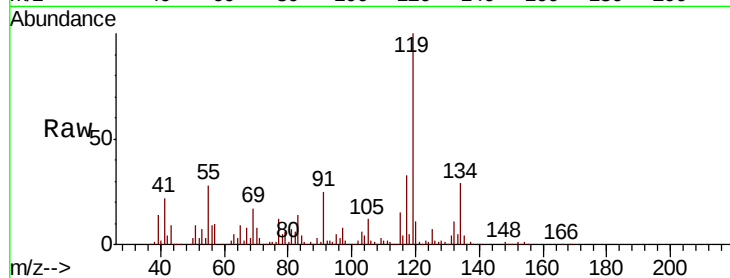
Tot Ion:117 Resp: 388479

Ion Ratio Lower Upper

117 100

119 302.1 75.4 113.0#

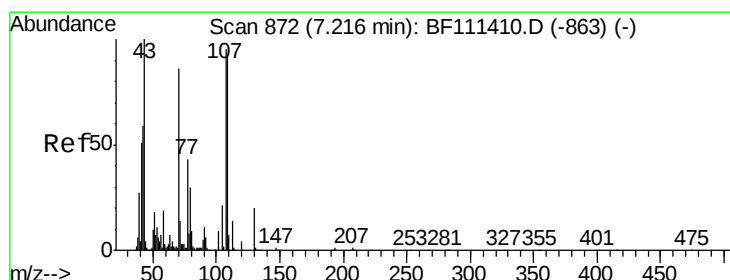
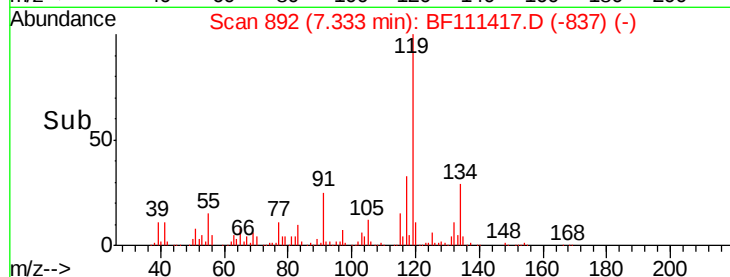
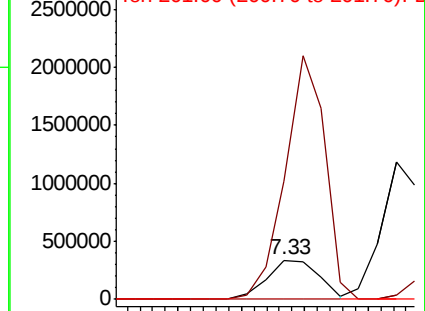
201 0.0 62.4 93.6#



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.476 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.02 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

Tgt Ion: 70 Resp: 39669

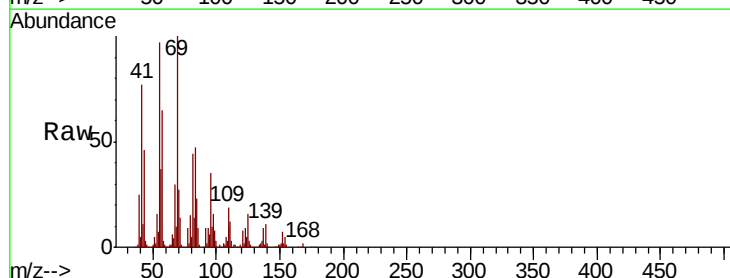
Ion Ratio Lower Upper

70 100

42 42.8 53.2 79.8#

101 0.0 8.2 12.4#

130 0.0 18.1 27.1#

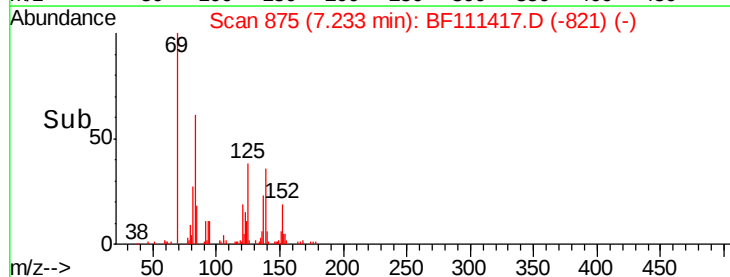
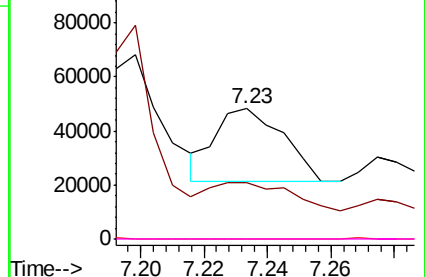


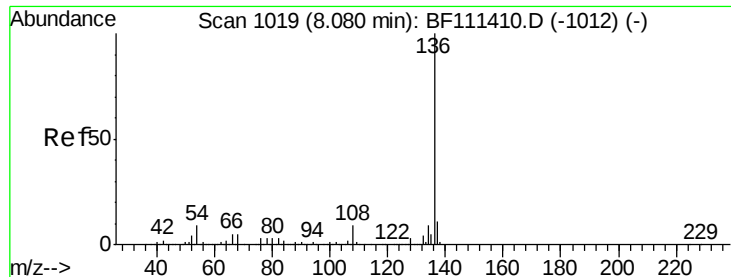
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 650053

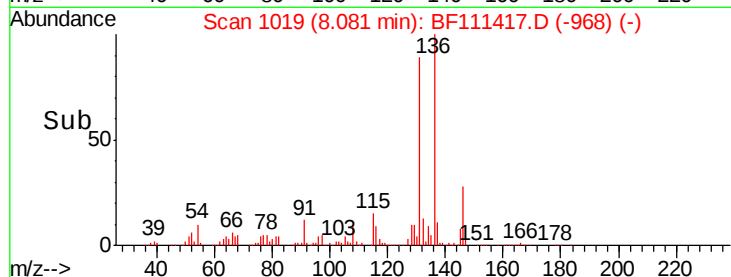
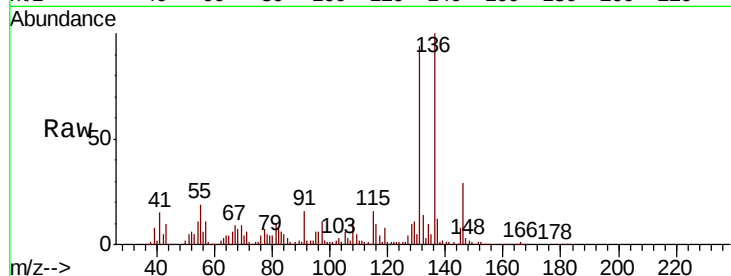
Ion Ratio Lower Upper

136 100

137 12.1 9.1 13.7

54 11.1 7.7 11.5

68 7.2 4.9 7.3

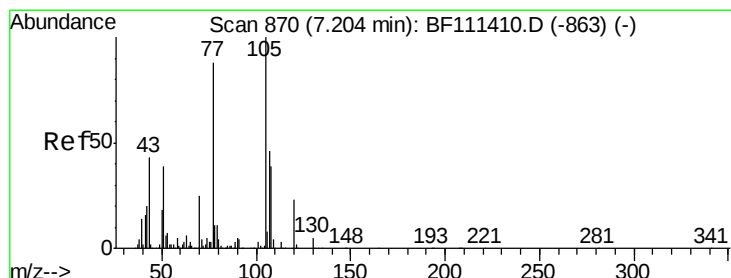
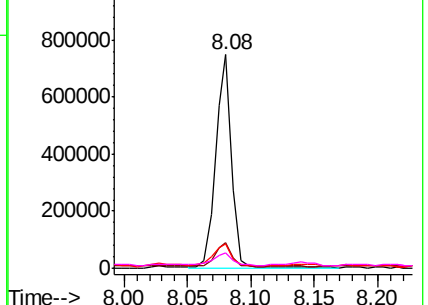


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 3.908 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

Tgt Ion:105 Resp: 56703

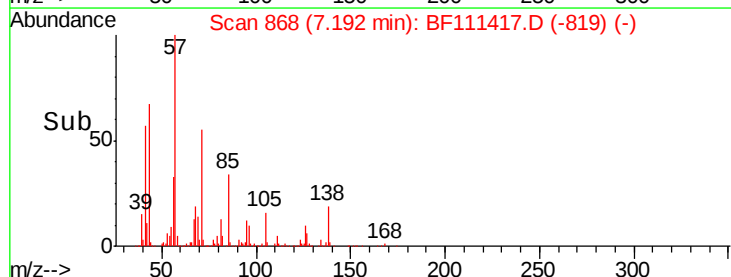
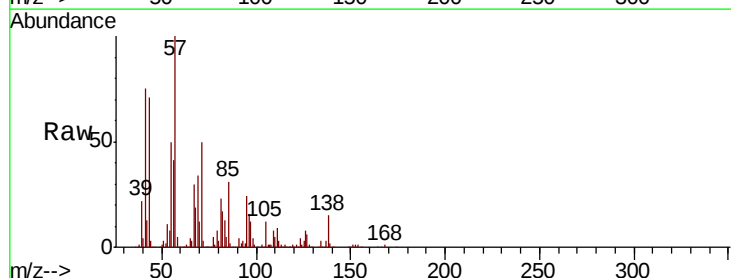
Ion Ratio Lower Upper

105 100

71 415.4 3.1 4.7#

51 27.7 36.6 54.8#

120 0.9 18.2 27.4#

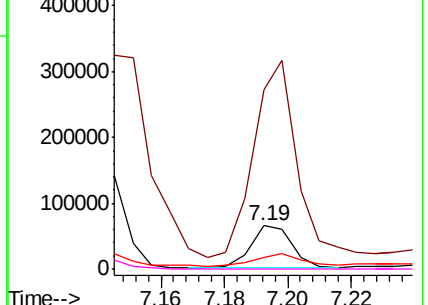


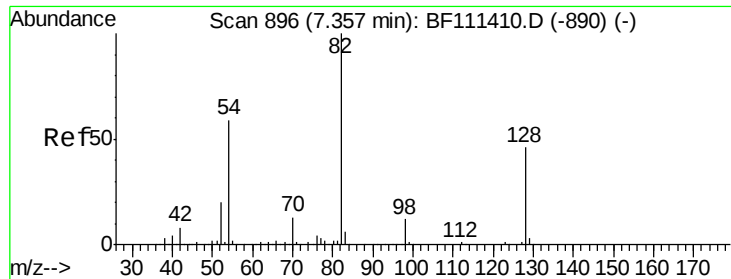
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

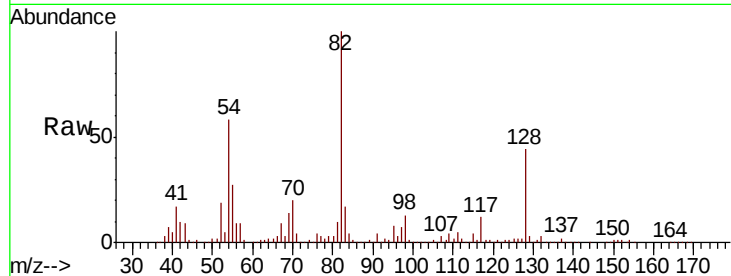




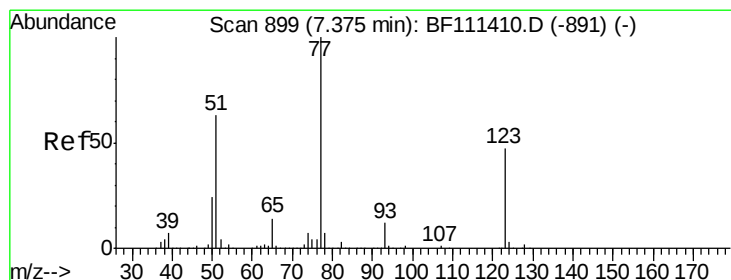
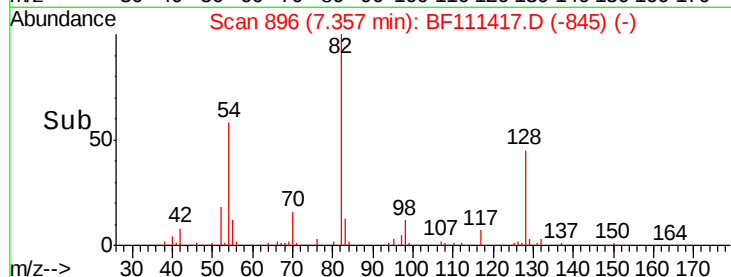
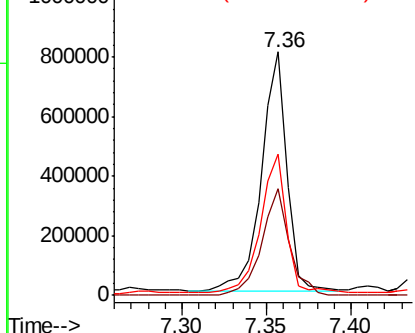
#23
Nitrobenzene-d5
Concen: 77.148 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 842169
Ion Ratio Lower Upper
82 100
128 43.9 37.4 56.2
54 57.9 47.6 71.4

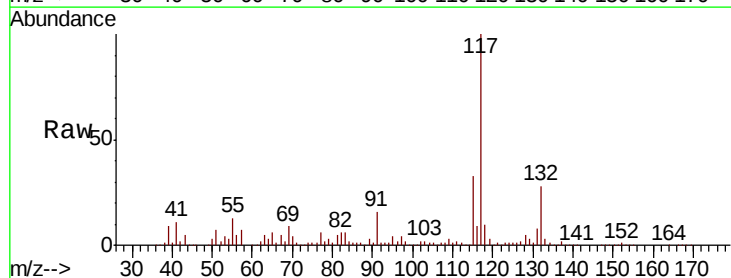


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

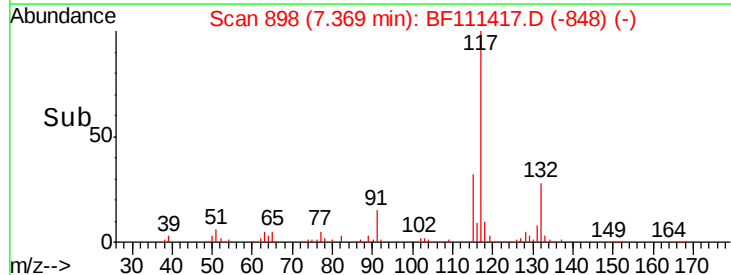
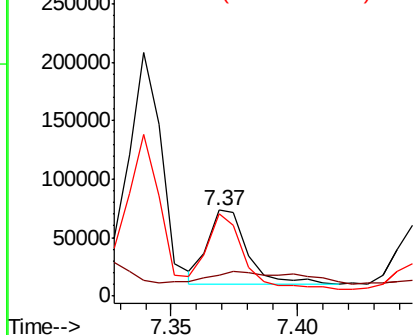


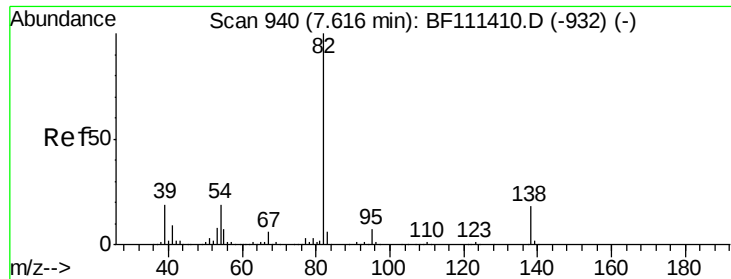
#24
Nitrobenzene
Concen: 6.292 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Tgt Ion: 77 Resp: 70068
Ion Ratio Lower Upper
77 100
123 24.1 37.2 55.8#
65 96.1 11.5 17.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 3.945 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

Instrument :

BNA_F

ClientSampleId :

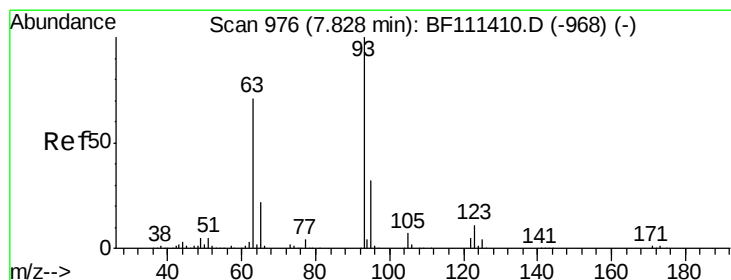
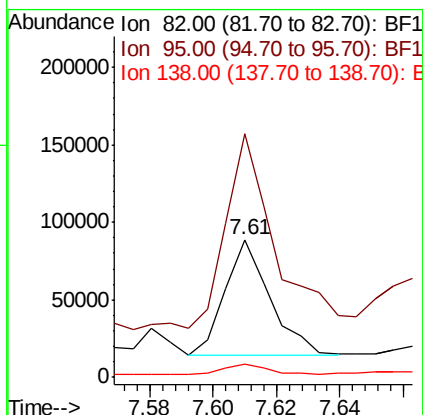
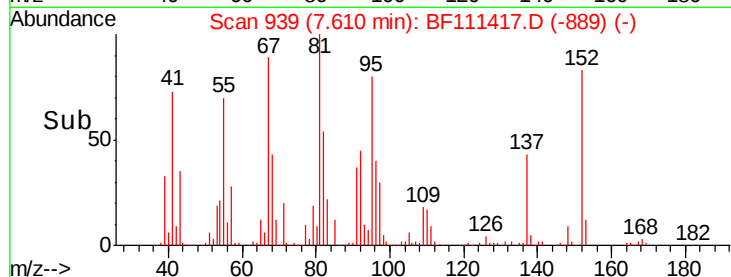
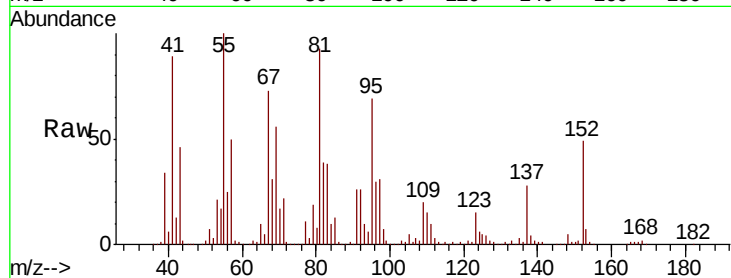
Tot Ion: 82 Resp: 72874

Ion Ratio Lower Upper

82 100

95 176.9 5.4 8.2#

138 9.8 15.1 22.7#



#28

bis(2-Chloroethoxy)methane

Concen: 2.223 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.02 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

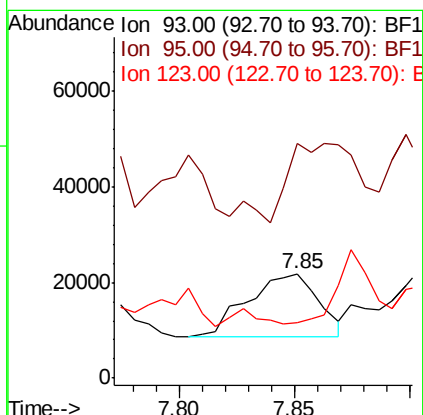
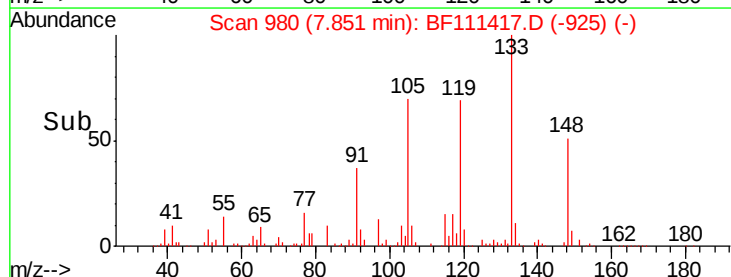
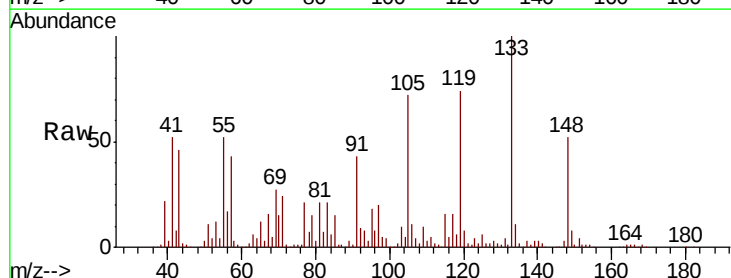
Tgt Ion: 93 Resp: 28346

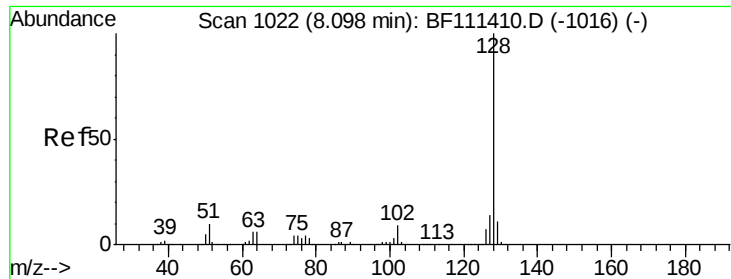
Ion Ratio Lower Upper

93 100

95 225.6 27.1 40.7#

123 53.7 9.9 14.9#

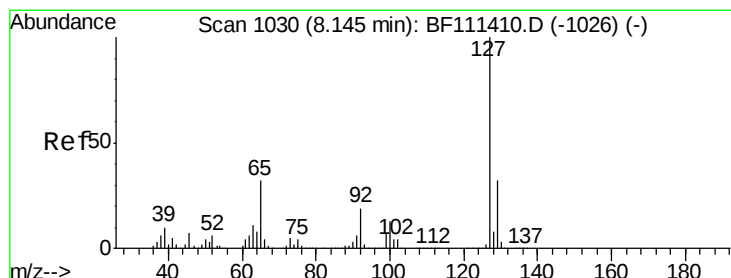
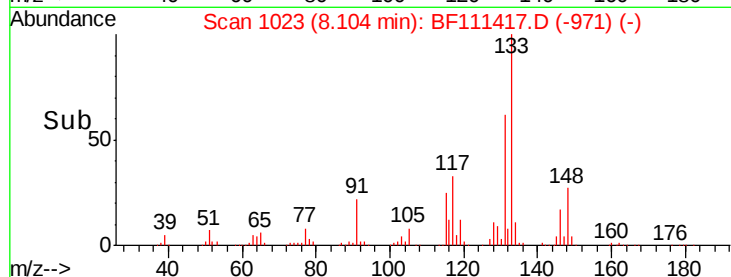
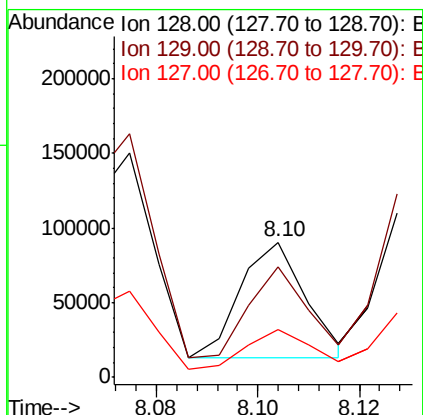
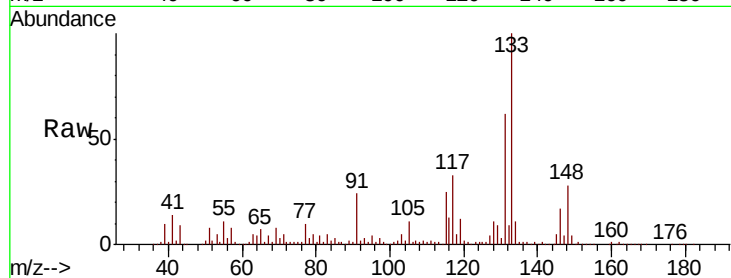




#31
Naphthalene
Concen: 2.249 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

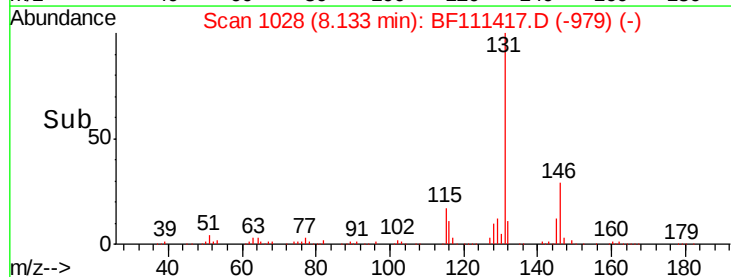
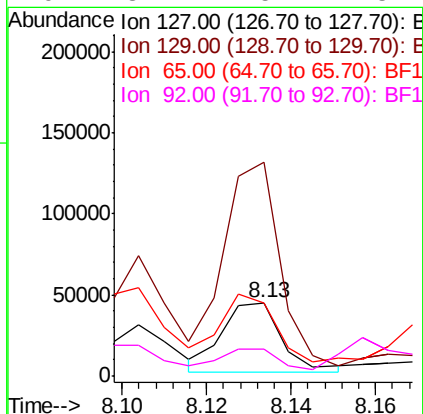
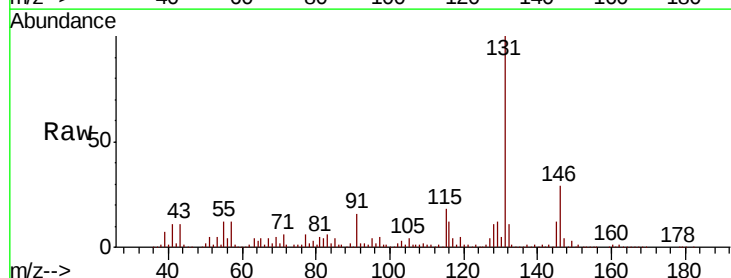
Instrument :
BNA_F
ClientSampleId :

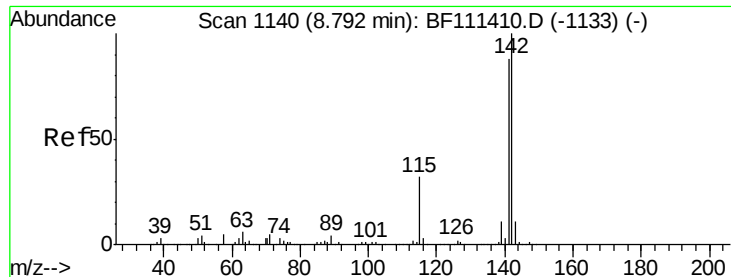
Tot Ion:128 Resp: 68388
Ion Ratio Lower Upper
128 100
129 81.7 9.8 14.8#
127 35.2 12.0 18.0#



#33
4-Chloroaniline
Concen: 3.144 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Tgt Ion:127 Resp: 42509
Ion Ratio Lower Upper
127 100
129 290.3 26.6 39.8#
65 99.0 25.7 38.5#
92 37.1 15.4 23.2#

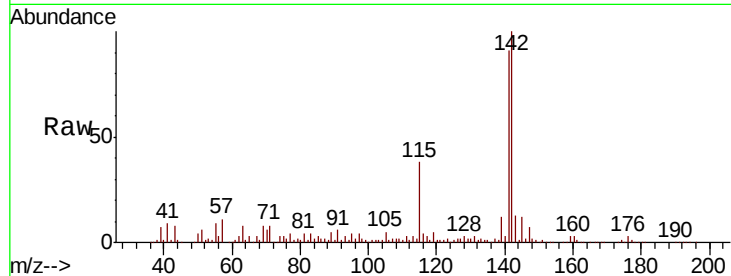




#37
2-Methylnaphthalene
Concen: 11.248 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.09 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.6	105.8
115	37.7	27.0	40.6

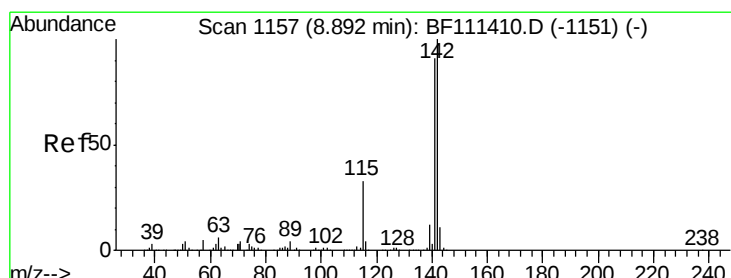
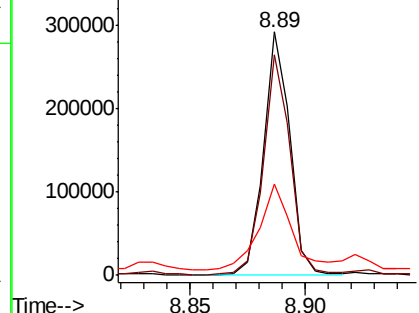
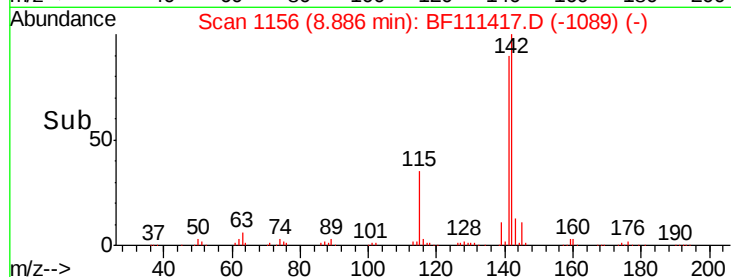


Abundance

Ion 142.00 (141.70 to 142.70): E

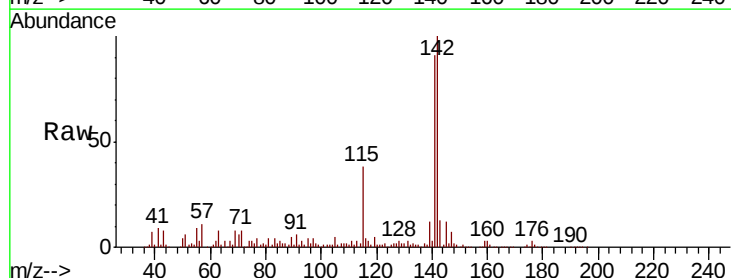
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 11.643 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.2	111.4
116	4.4	2.9	4.3#

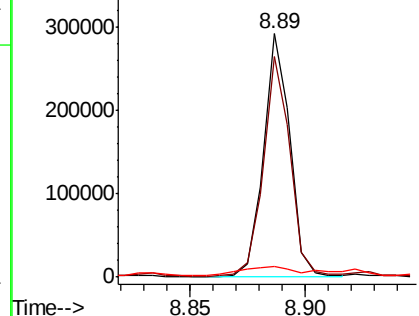
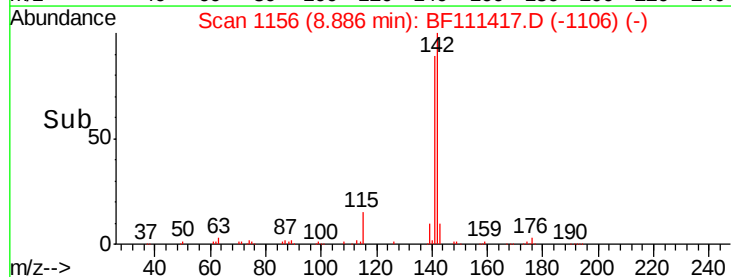


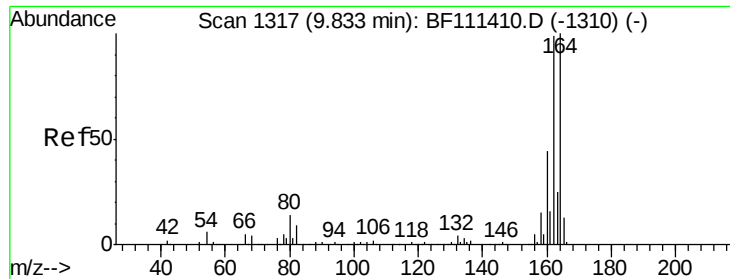
Abundance

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

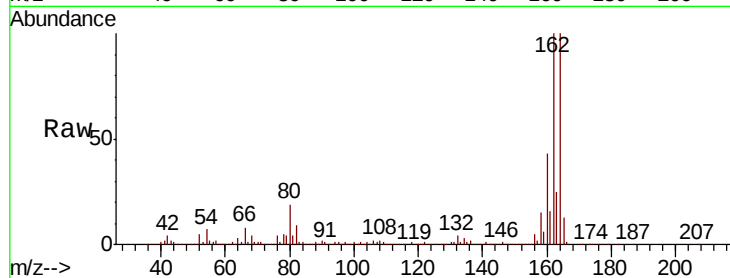




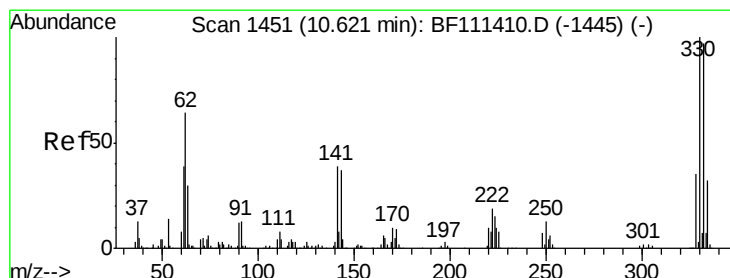
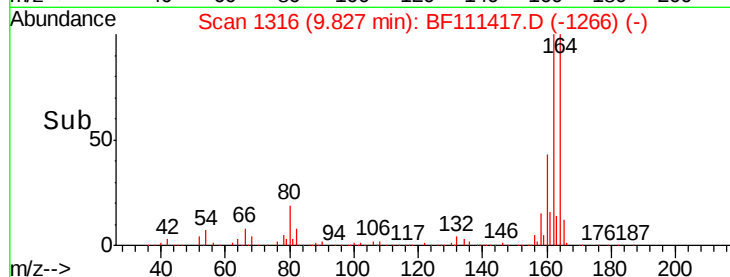
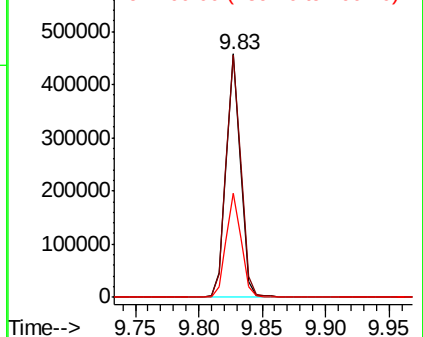
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111417.D
 Acq: 14 Dec 2018 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 363964
 Ion Ratio Lower Upper
 164 100
 162 99.5 81.4 122.0
 160 42.8 35.7 53.5

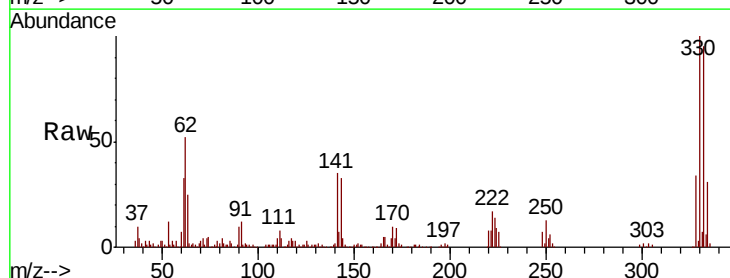


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

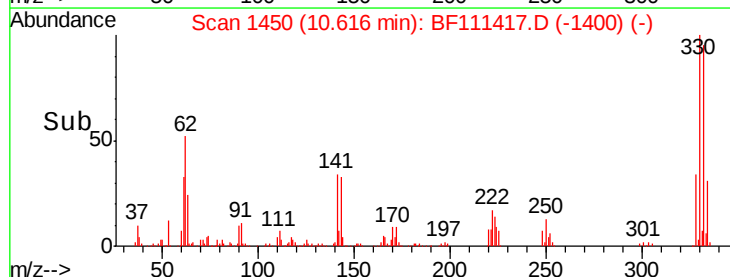
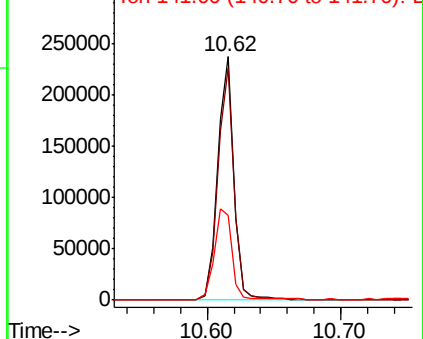


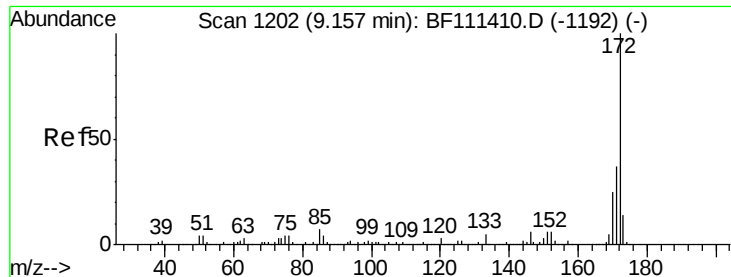
#42
 2,4,6-Tribromophenol
 Concen: 62.605 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111417.D
 Acq: 14 Dec 2018 14:32

Tgt Ion:330 Resp: 204113
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.0 114.0
 141 40.9 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

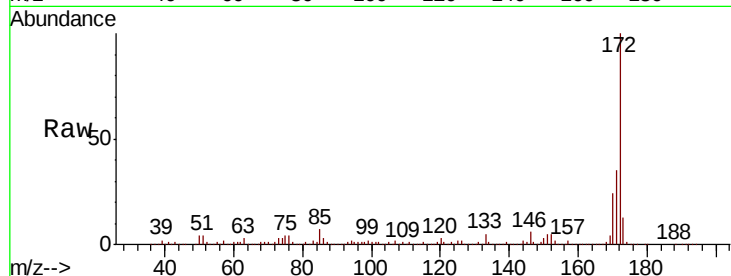




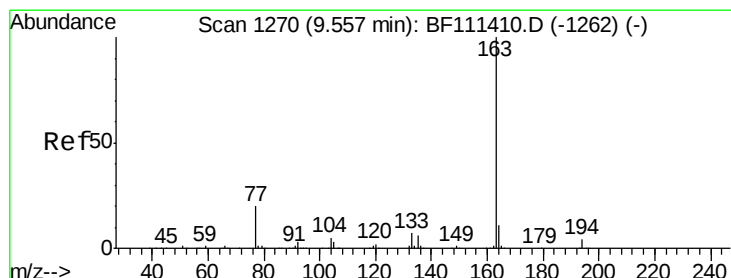
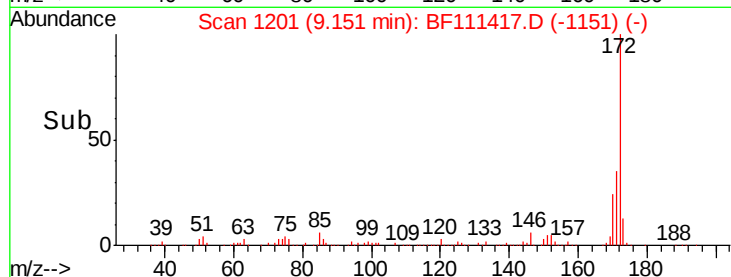
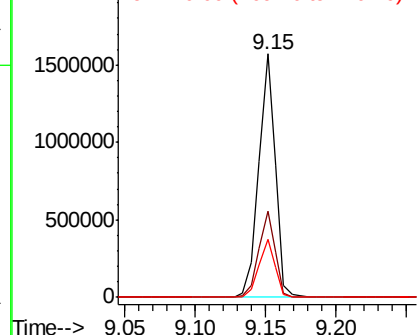
#45
2-Fluorobiphenyl
Concen: 55.235 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1301511
Ion Ratio Lower Upper
172 100
171 35.4 33.0 49.4
170 23.7 22.3 33.5

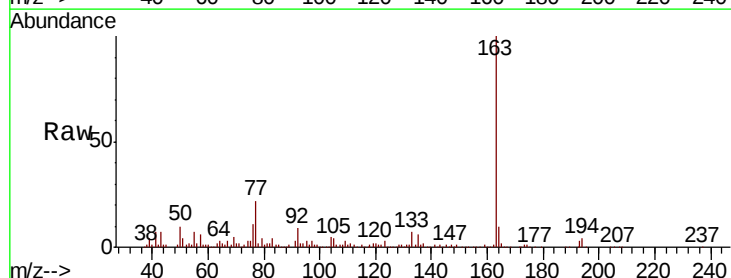


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

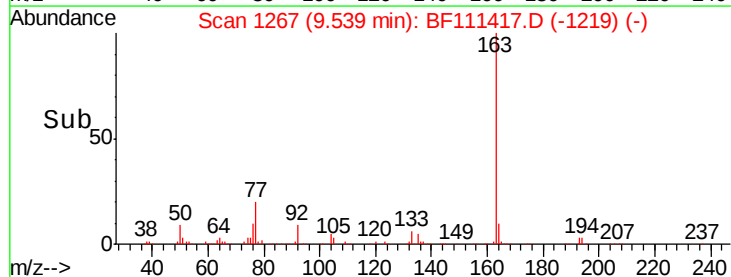
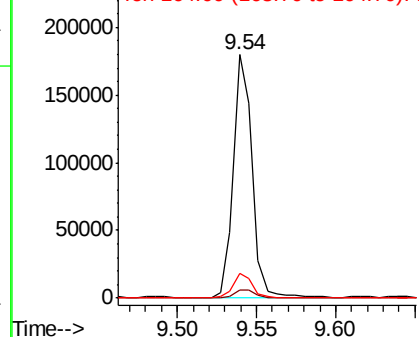


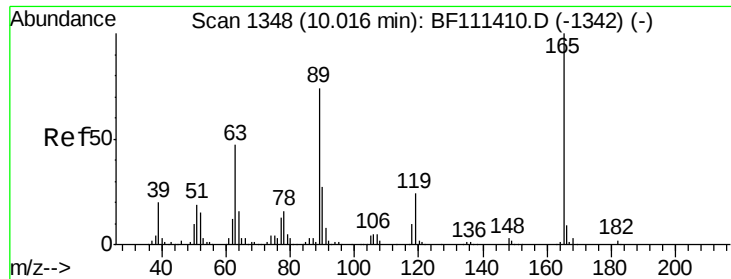
#50
Dimethylphthalate
Concen: 5.589 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Tgt Ion:163 Resp: 146511
Ion Ratio Lower Upper
163 100
194 3.5 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

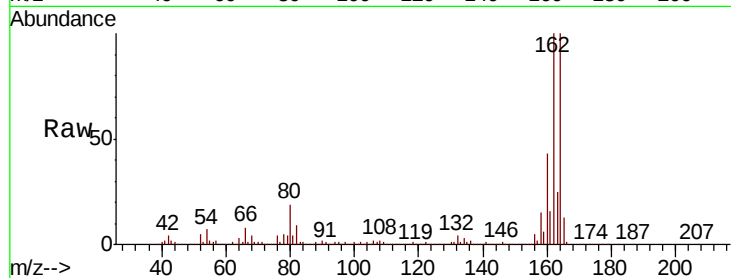




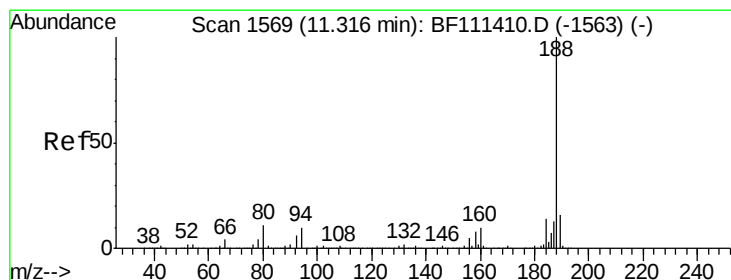
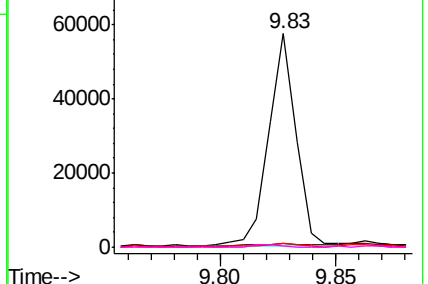
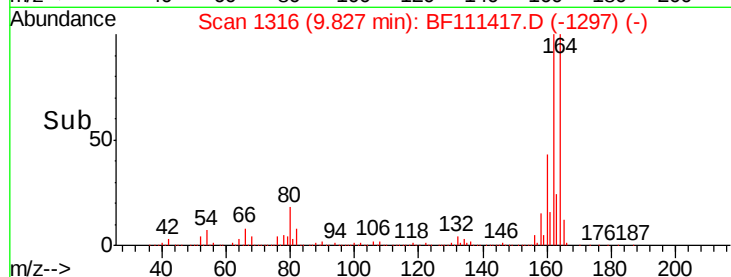
#57
 2,4-Dinitrotoluene
 Concen: 6.099 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111417.D
 Acq: 14 Dec 2018 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 47232
 Ion Ratio Lower Upper
 165 100
 63 2.0 34.6 52.0#
 89 1.5 56.2 84.4#
 182 0.8 1.8 2.6#

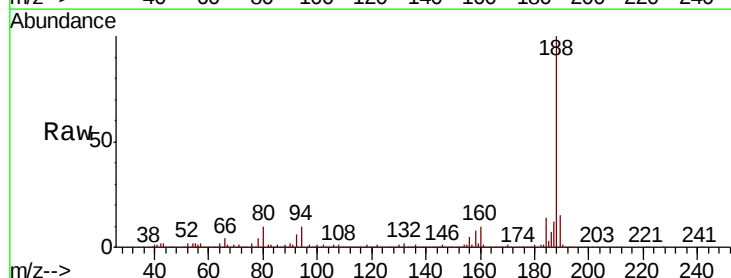


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

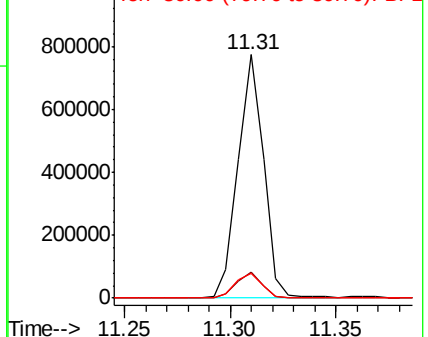
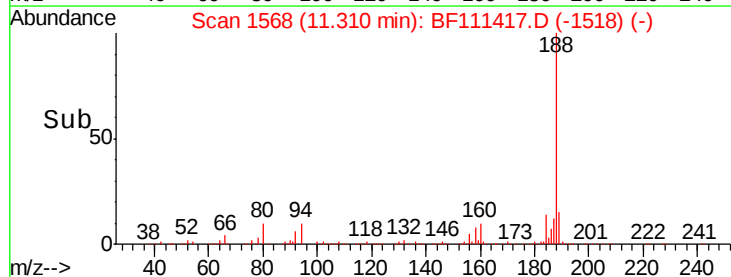


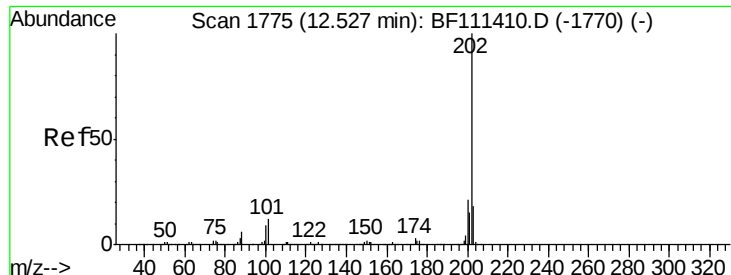
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF111417.D
 Acq: 14 Dec 2018 14:32

Tgt Ion:188 Resp: 651297
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.6 14.4
 80 10.4 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





#75

Fluoranthene

Concen: 2.847 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

Instrument :

BNA_F

ClientSampleId :

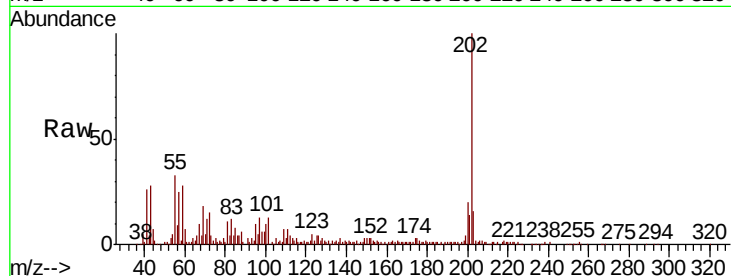
Tot Ion:202 Resp: 93468

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.8

203 16.3 0.0 38.6

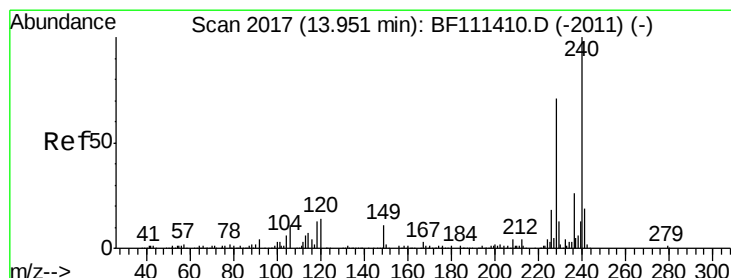
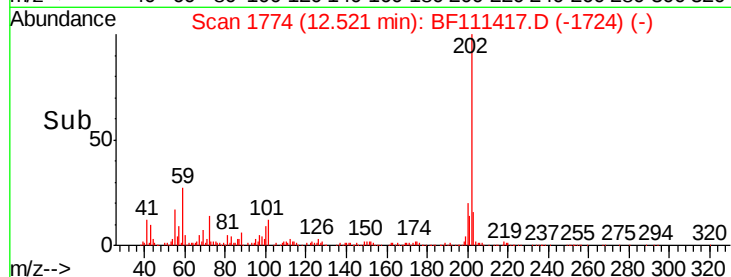
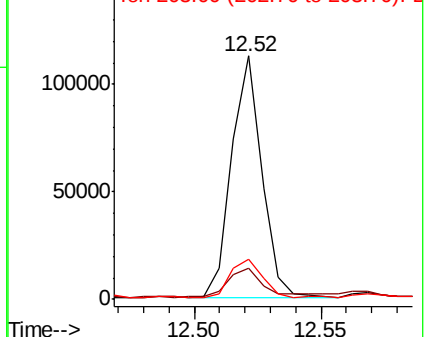


Abundance

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: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

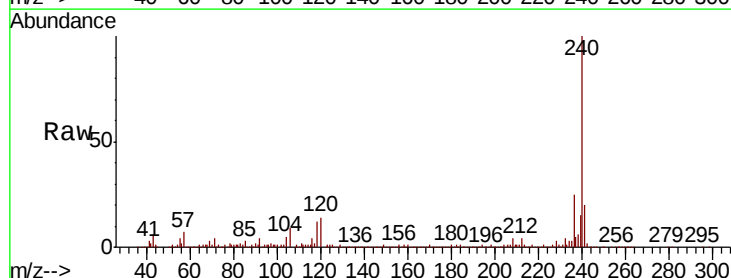
Tgt Ion:240 Resp: 427429

Ion Ratio Lower Upper

240 100

120 13.6 12.2 18.2

236 24.8 20.2 30.2

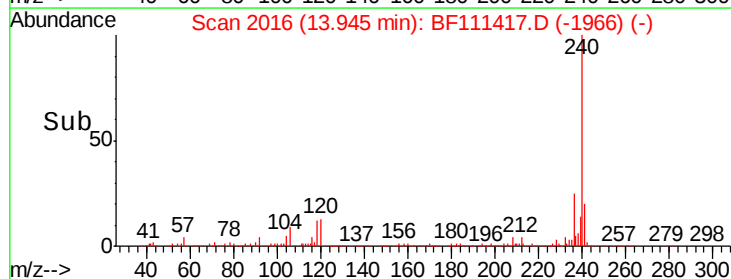
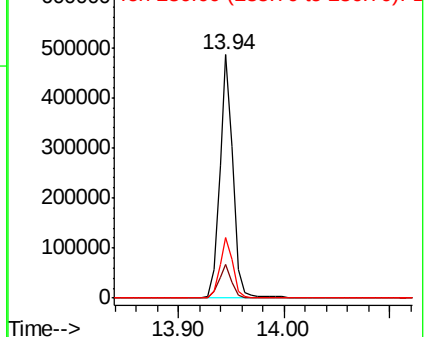


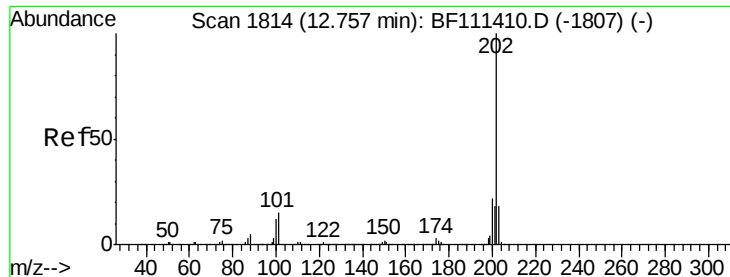
Abundance

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





#78

Pvrene

Concen: 3.302 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

Instrument :

BNA_F

ClientSampleId :

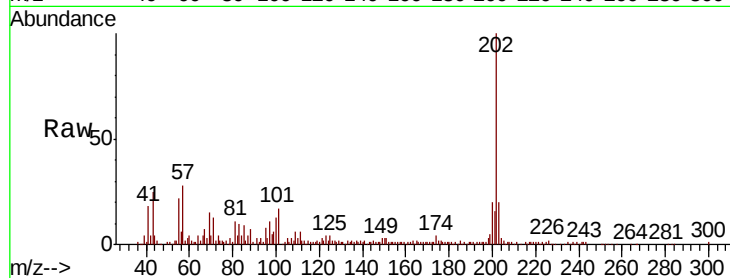
Tot Ion:202 Resp: 99511

Ion Ratio Lower Upper

202 100

200 20.3 19.0 28.4

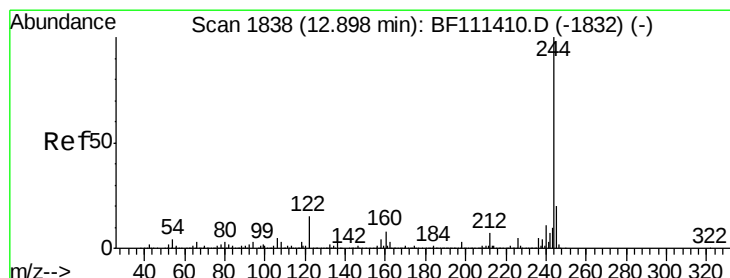
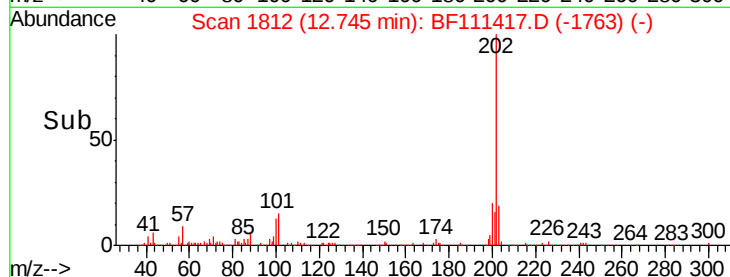
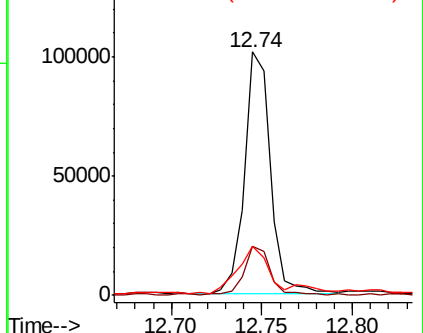
203 20.4 15.2 22.8



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: 66.242 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111417.D

Acq: 14 Dec 2018 14:32

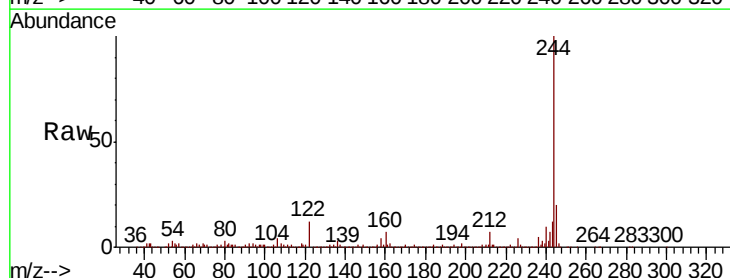
Tgt Ion:244 Resp: 1205745

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

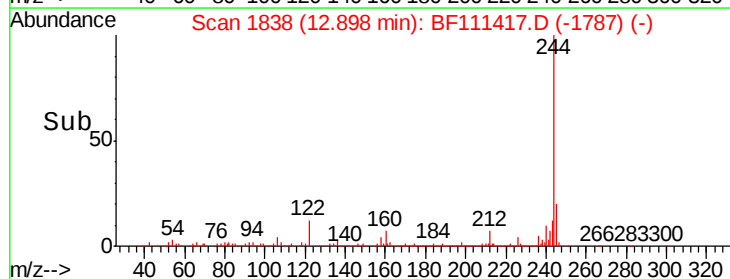
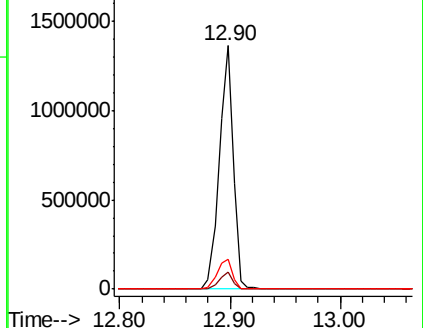
122 12.4 13.1 19.7#

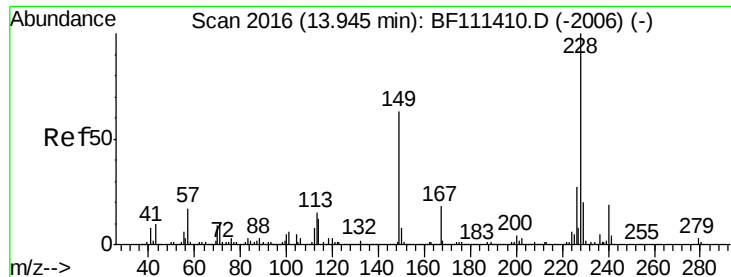


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

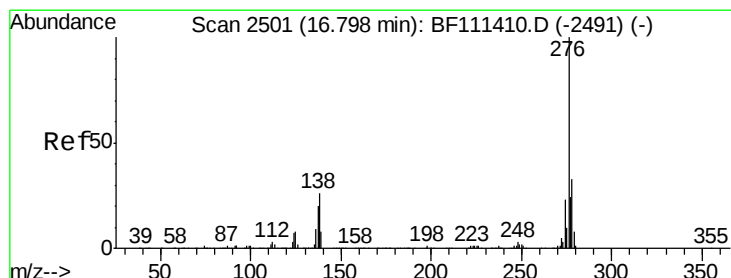
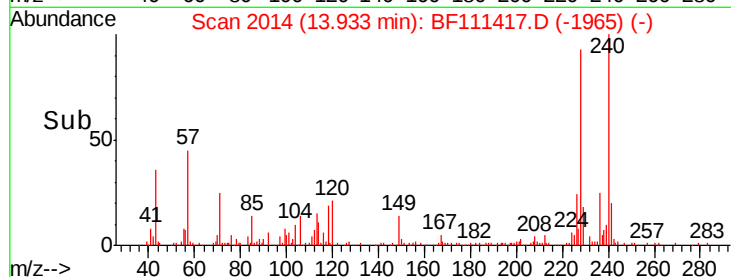
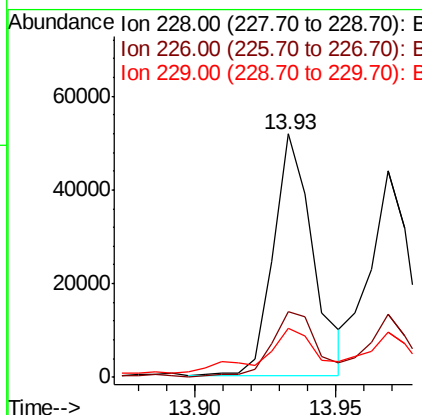
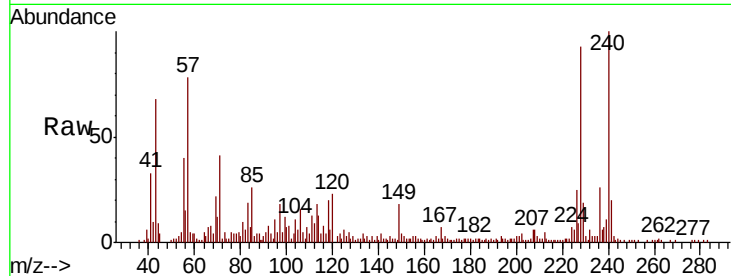




#81
Benzo(a)anthracene
Concen: 2.160 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

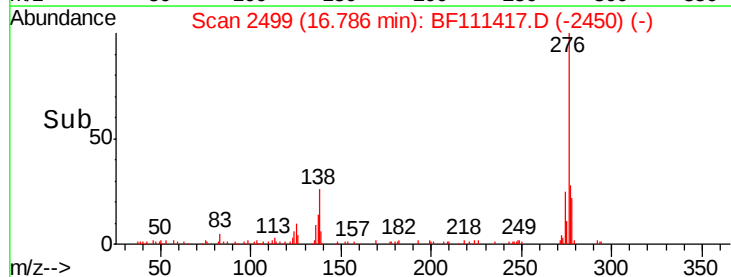
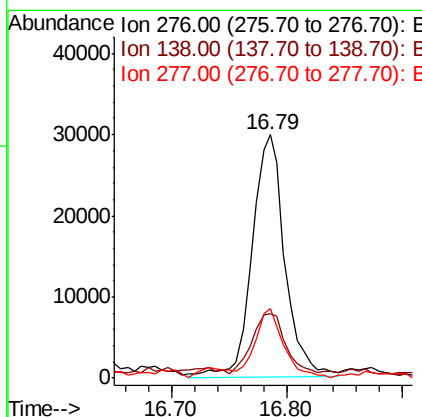
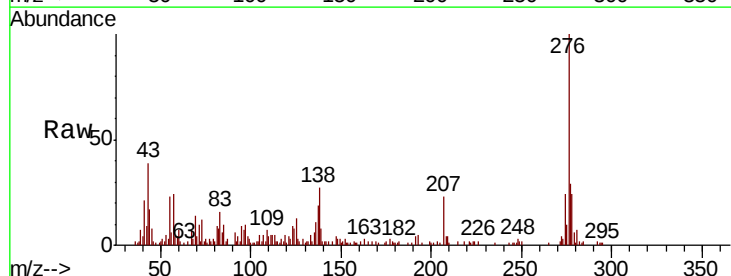
Instrument :
BNA_F
ClientSampleId :

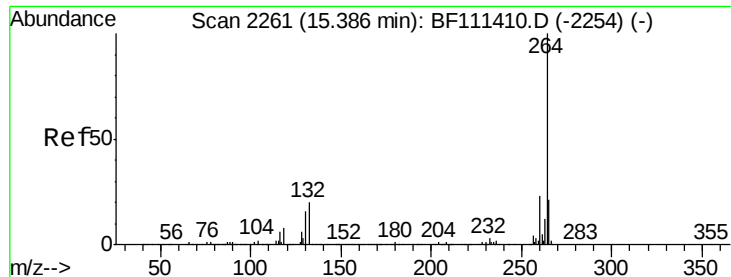
Tot Ion:228 Resp: 50205
Ion Ratio Lower Upper
228 100
226 26.8 22.6 34.0
229 20.2 16.3 24.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 3.317 ng
RT: 16.79 min Scan# 2499
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Tgt Ion:276 Resp: 58617
Ion Ratio Lower Upper
276 100
138 25.2 27.8 41.6#
277 25.4 20.1 30.1

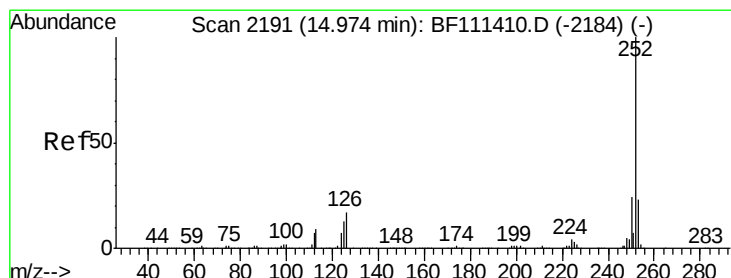
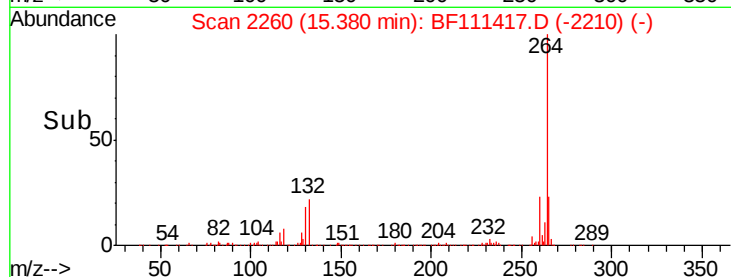
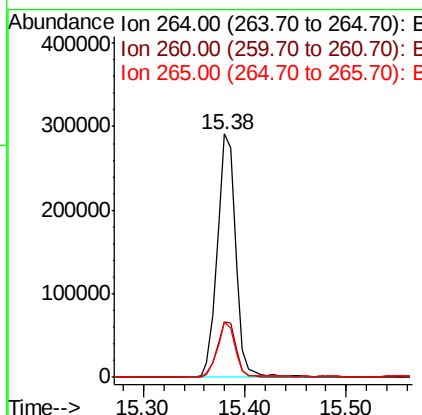
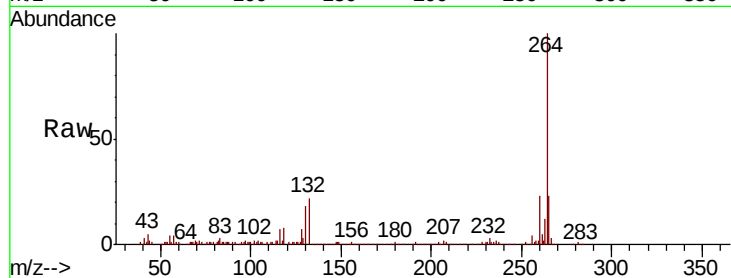




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

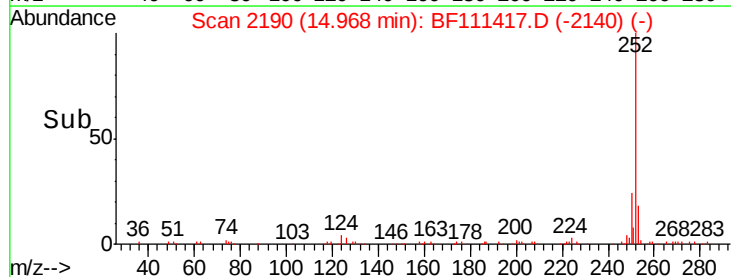
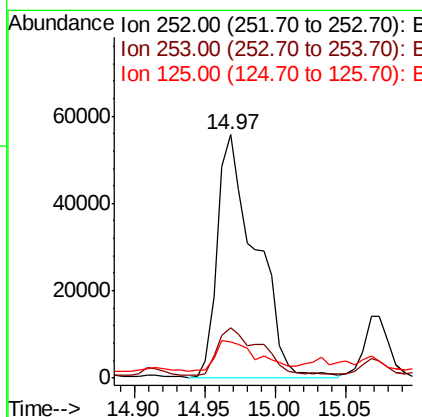
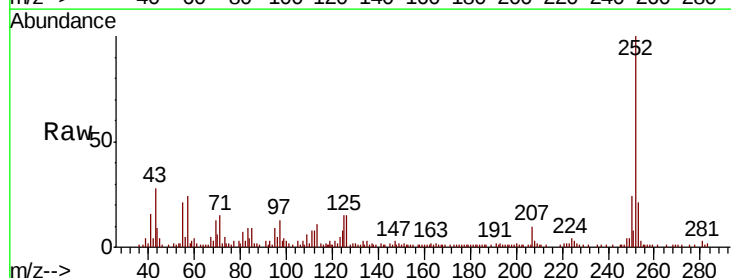
Instrument :
BNA_F
ClientSampleId :

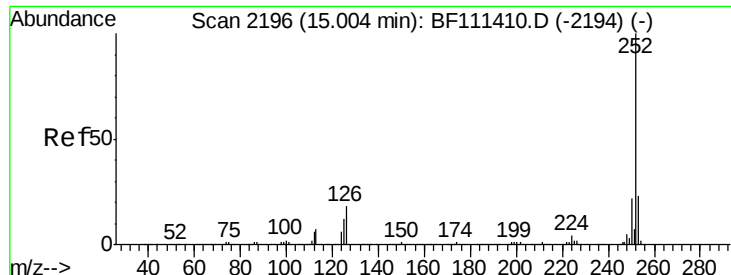
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	22.6	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 4.902 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.2	27.2
125	14.6	10.4	15.6

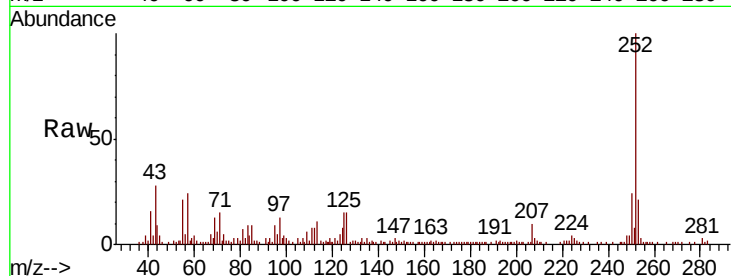




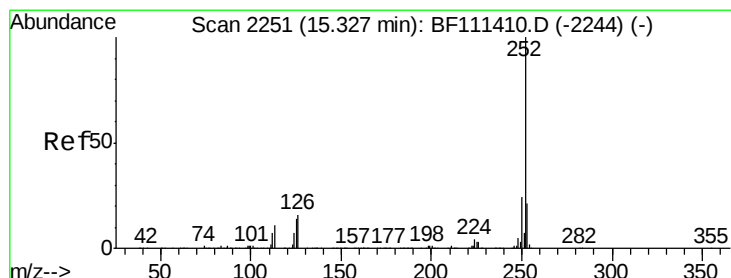
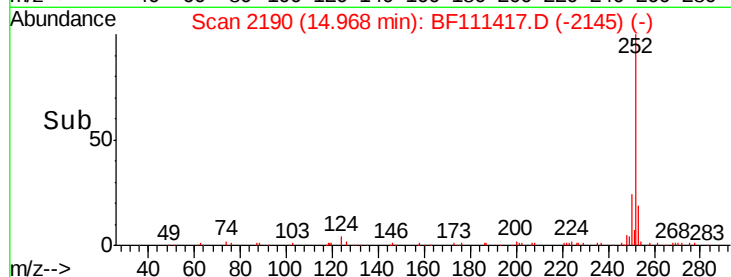
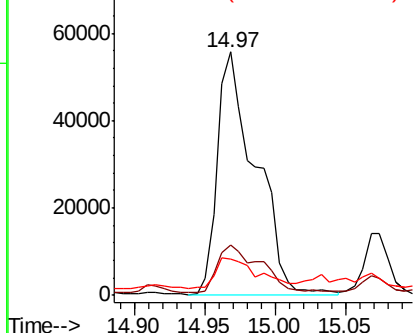
#89
Benzo(k)fluoranthene
Concen: 5.130 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.1	27.1
125	14.6	9.8	14.8

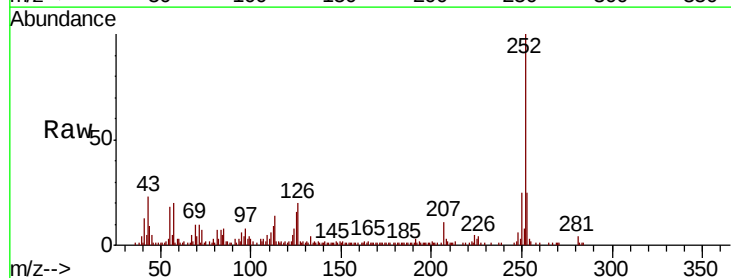


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

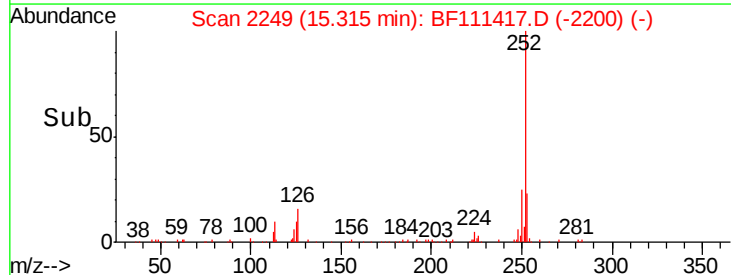
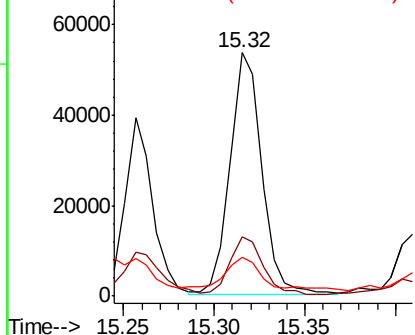


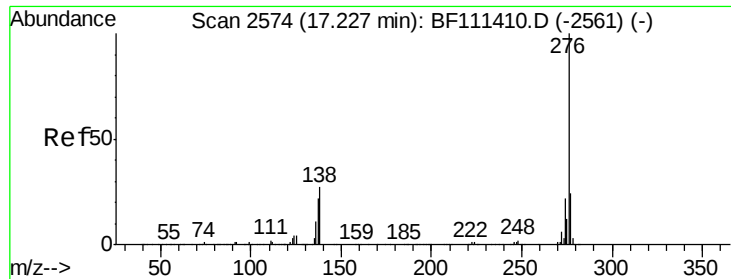
#90
Benzo(a)pyrene
Concen: 3.372 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF111417.D
Acq: 14 Dec 2018 14:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.8
125	16.1	12.3	18.5



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

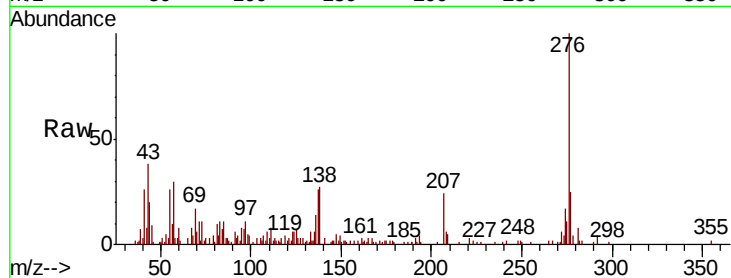




#92
 Benzo(a,h,i)perylene
 Concen: 3.710 ng
 RT: 17.20 min Scan# 2570
 Delta R.T. -0.02 min
 Lab File: BF111417.D
 Acq: 14 Dec 2018 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	27.1	24.9	37.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

