

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
 Data File : BF112127.D
 Acq On : 18 Jan 2019 16:32
 Operator : JU/SJ
 Sample : K1156-02DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jan 18 23:36:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	285028	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1112644	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	530949	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	920414	20.00	ng	0.00
76) Chrysene-d12	14.02	240	670571	20.00	ng	0.00
87) Perylene-d12	15.50	264	720607	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	713686	45.45	ng	0.00
7) Phenol-d6	6.50	99	917916	46.72	ng	0.00
23) Nitrobenzene-d5	7.41	82	550874	34.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	250906	43.81	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1049897	28.99	ng	0.00
79) Terphenyl-d14	12.96	244	883797	28.04	ng	0.00

Target Compounds

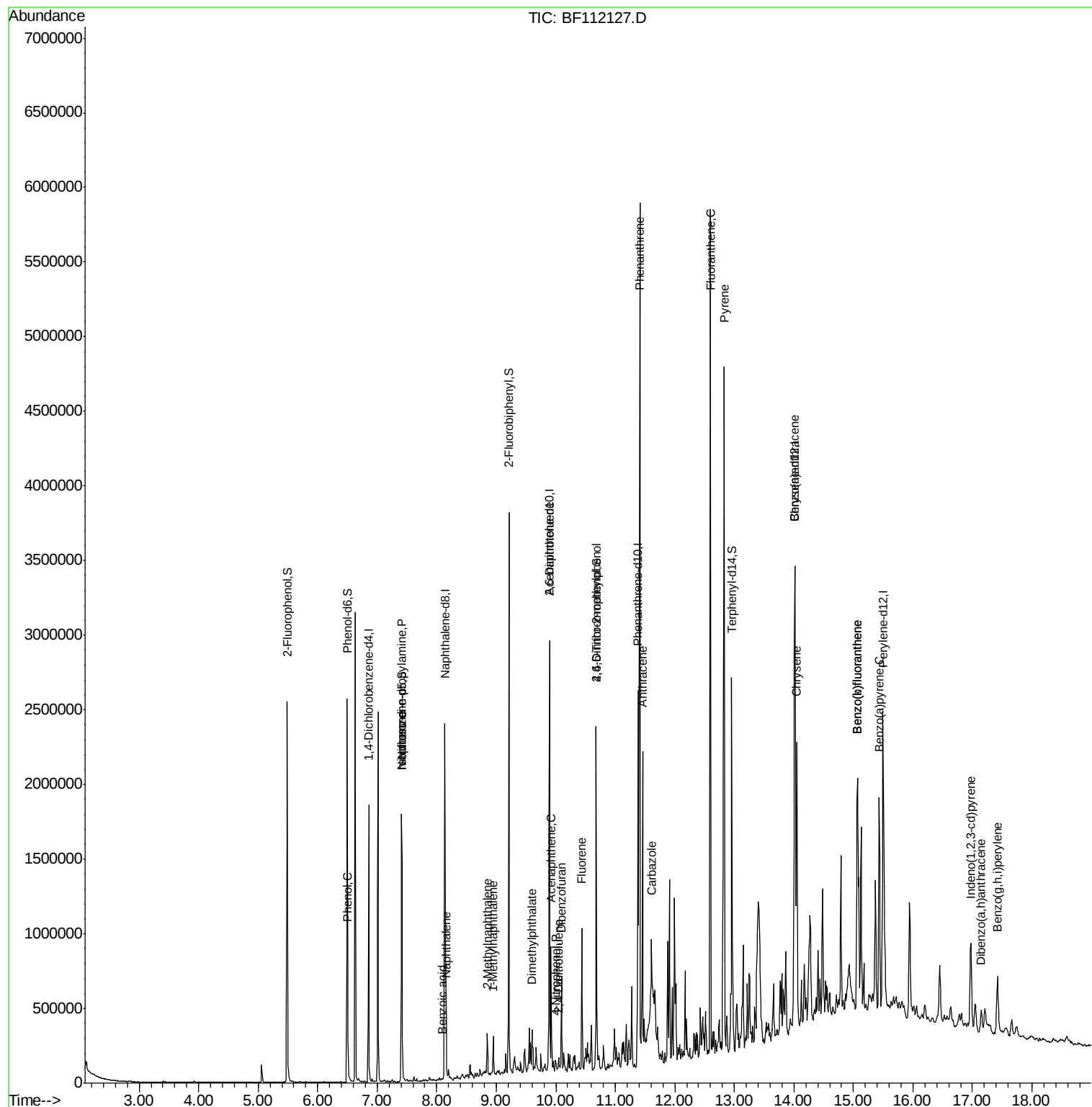
					Qvalue	
9) Benzaldehyde	6.50	77	2019	Below Cal	#	1
10) Phenol	6.51	94	51380	2.393 ng	#	75
19) n-Nitroso-di-n-propylamine	7.41	70	77395	6.466 ng	#	75
25) Isophorone	7.41	82	539742	17.352 ng	#	64
31) Naphthalene	8.16	128	135097	2.670 ng		98
32) Benzoic acid	8.10	122	118	7.187 ng		90
37) 2-Methylnaphthalene	8.85	142	77478	2.255 ng		97
38) 1-Methylnaphthalene	8.95	142	69661	2.109 ng		99
50) Dimethylphthalate	9.60	163	94331	2.436 ng	#	99
51) 2,6-Dinitrotoluene	9.89	165	74833	9.677 ng	#	34
52) Acenaphthene	9.92	154	182087	5.868 ng		98
55) Dibenzofuran	10.10	168	211728	4.512 ng		98
56) 4-Nitrophenol	9.99	139	2536	6.036 ng	#	40
57) 2,4-Dinitrotoluene	10.05	165	4672	5.007 ng	#	63
58) Fluorene	10.44	166	242646	6.921 ng		99
65) 4,6-Dinitro-2-methylphenol	10.68	198	688	10.211 ng	#	1
71) Phenanthrene	11.41	178	2385256	51.495 ng		99
72) Anthracene	11.46	178	773443	16.483 ng		98
73) Carbazole	11.61	167	189331	4.028 ng		99
75) Fluoranthene	12.60	202	2239027	45.782 ng		99
78) Pyrene	12.83	202	1899976	42.946 ng		100
81) Benzo(a)anthracene	14.01	228	945605	24.594 ng		99
83) Chrysene	14.05	228	771886	21.217 ng		97
86) Indeno(1,2,3-cd)pyrene	16.97	276	362685	10.806 ng		95
88) Benzo(b)fluoranthene	15.07	252	1219941	29.824 ng		98
89) Benzo(k)fluoranthene	15.07	252	1219941	30.814 ng		98
90) Benzo(a)pyrene	15.43	252	691696	18.439 ng		98
91) Dibenzo(a,h)anthracene	17.15	278	97838	2.937 ng		96
92) Benzo(g,h,i)perylene	17.42	276	313748	9.559 ng		98

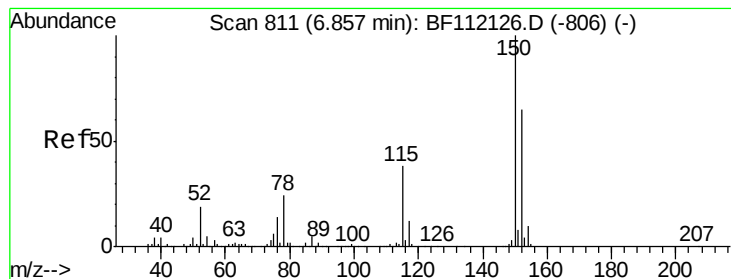
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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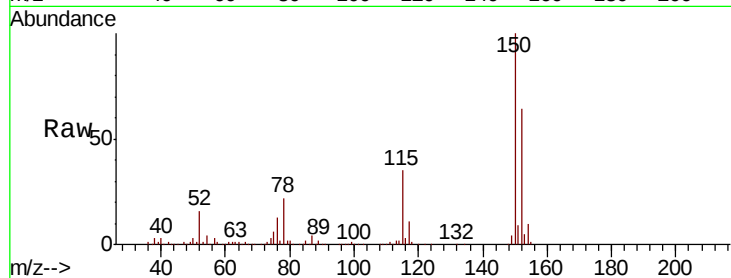


#1

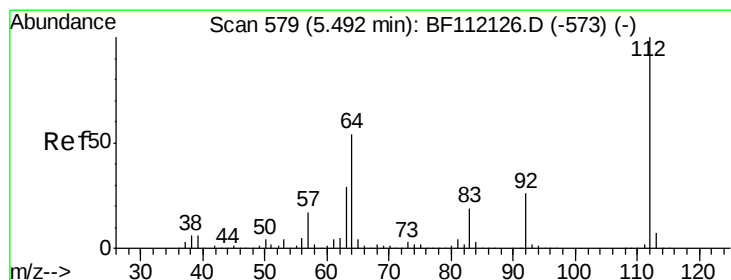
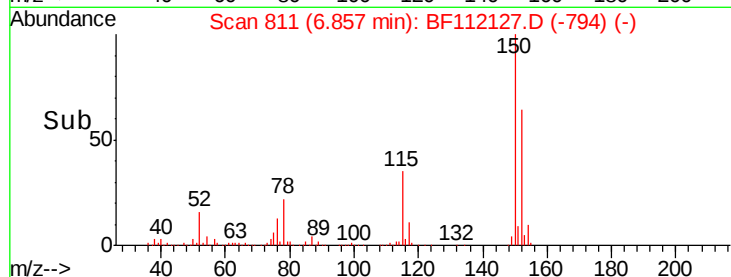
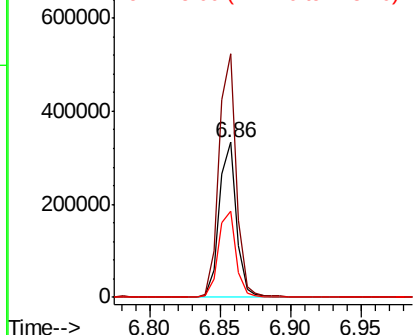
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 285028
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.0
115 55.6 45.5 68.3



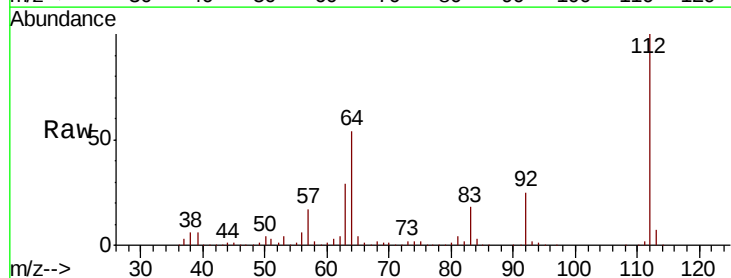
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



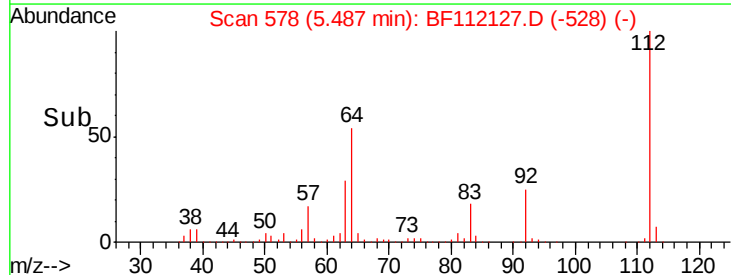
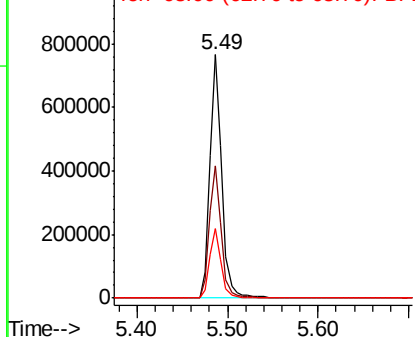
#5

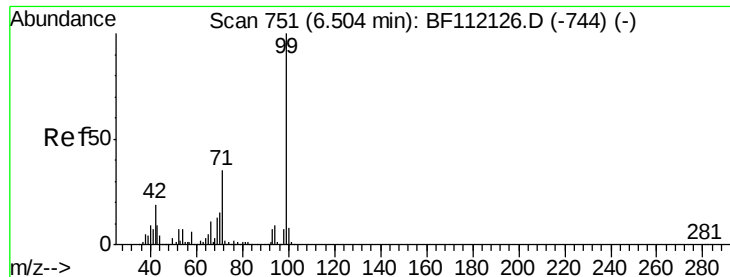
2-Fluorophenol
Concen: 45.447 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:112 Resp: 713686
Ion Ratio Lower Upper
112 100
64 54.4 45.7 68.5
63 28.8 23.6 35.4



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: 46.719 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

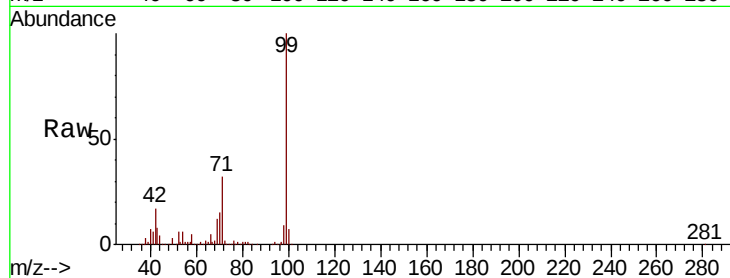
Tgt Ion: 99 Resp: 917916

Ion Ratio Lower Upper

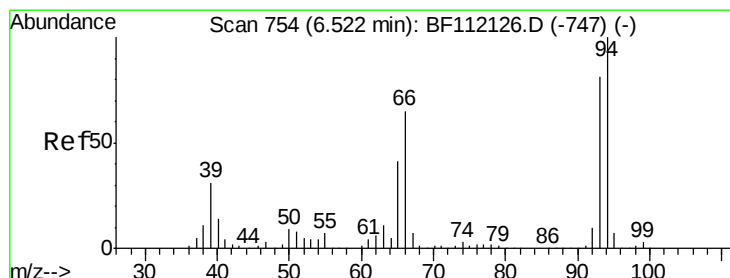
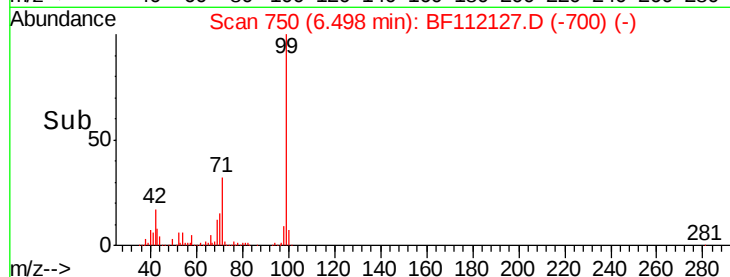
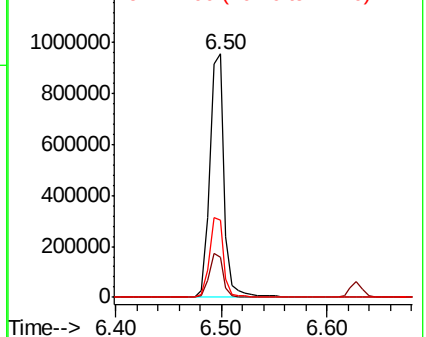
99 100

42 16.7 15.1 22.7

71 31.7 26.9 40.3



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: 2.393 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

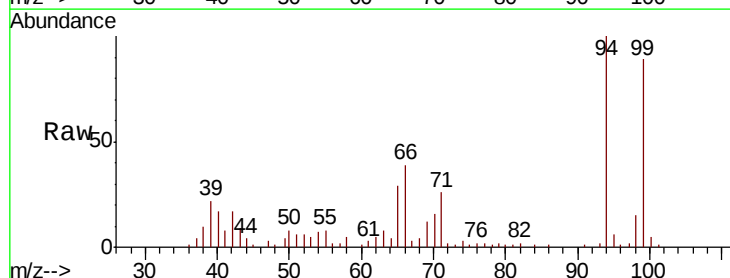
Tgt Ion: 94 Resp: 51380

Ion Ratio Lower Upper

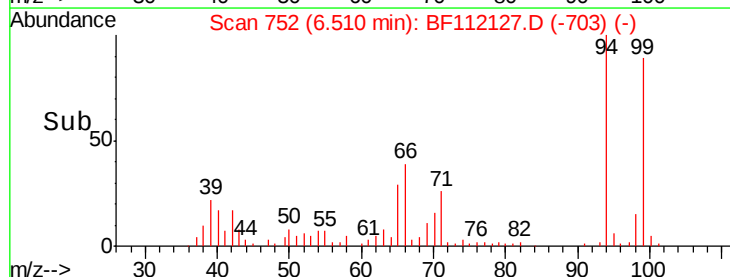
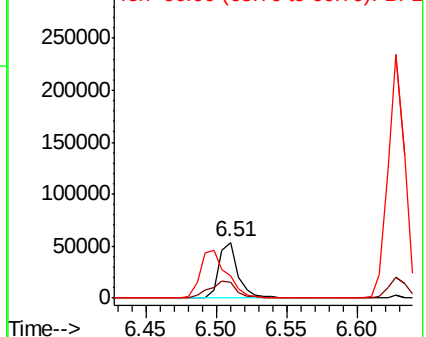
94 100

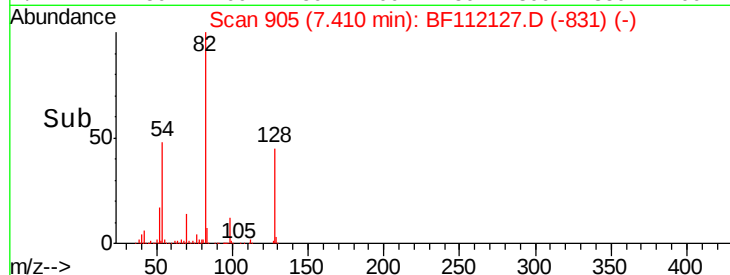
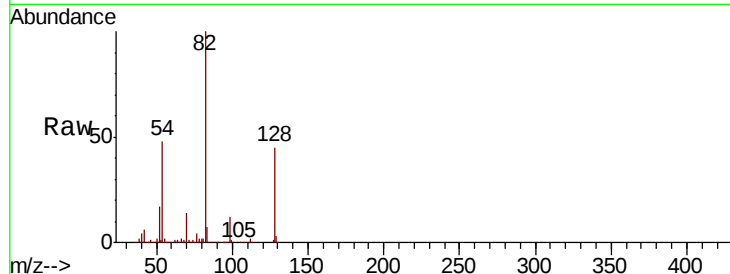
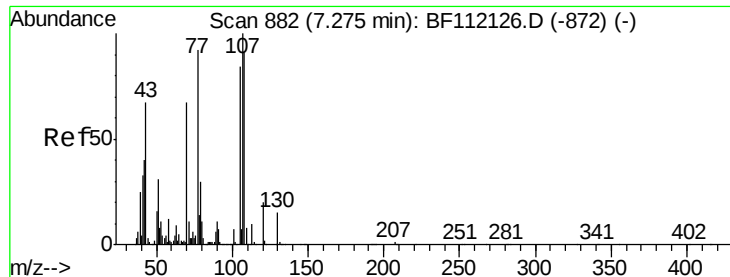
65 28.8 20.3 60.3

66 39.3 42.4 82.4#



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

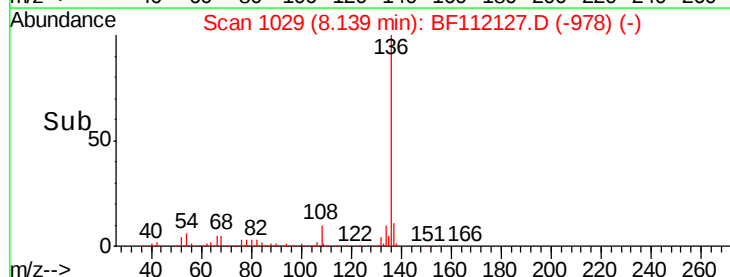
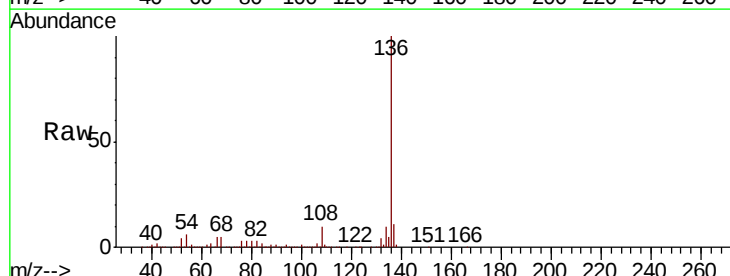
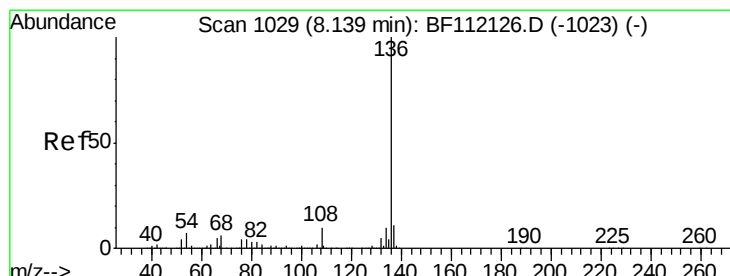
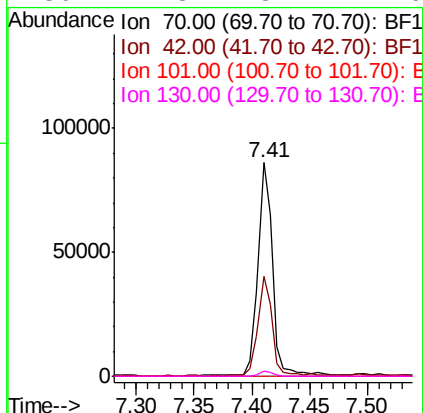




#19
n-Nitroso-di-n-propylamine
Concen: 6.466 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

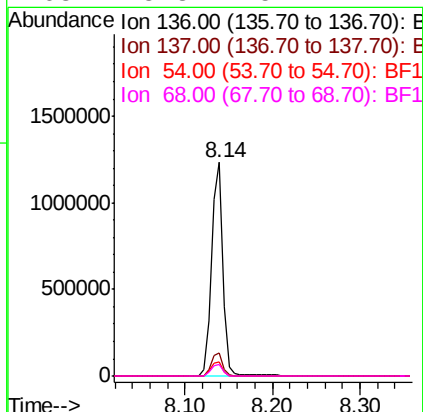
Instrument :
BNA_F
ClientSampleId :
DFTPP

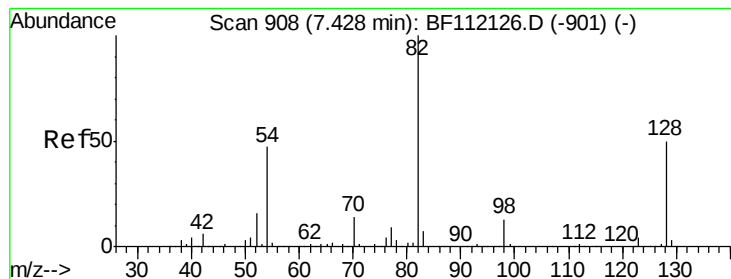
Tgt Ion: 70 Resp: 77395
Ion Ratio Lower Upper
70 100
42 46.5 47.6 71.4#
101 0.0 7.9 11.9#
130 2.3 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion: 136 Resp: 1112644
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.4 5.9 8.9
68 5.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 34.206 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

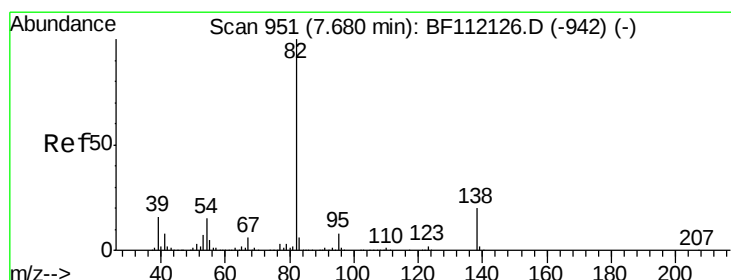
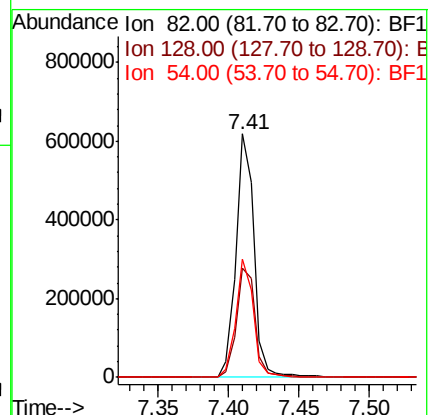
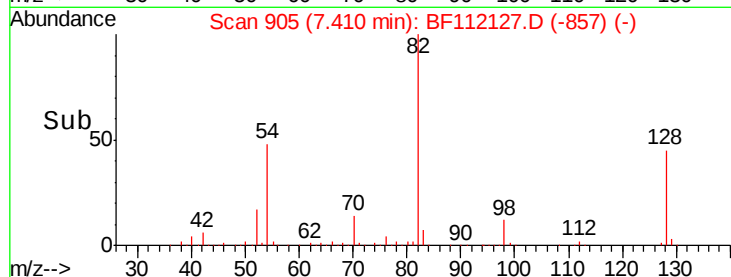
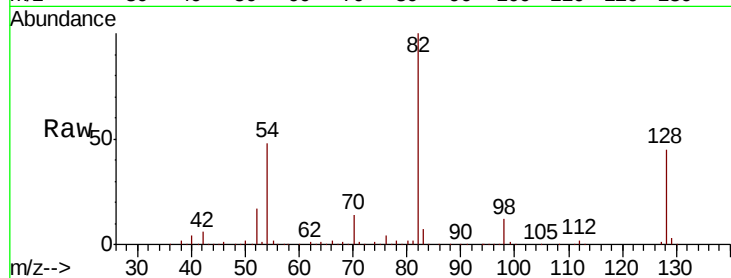
Tgt Ion: 82 Resp: 550874

Ion Ratio Lower Upper

82 100

128 44.8 37.8 56.8

54 48.3 39.7 59.5



#25

Isophorone

Concen: 17.352 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

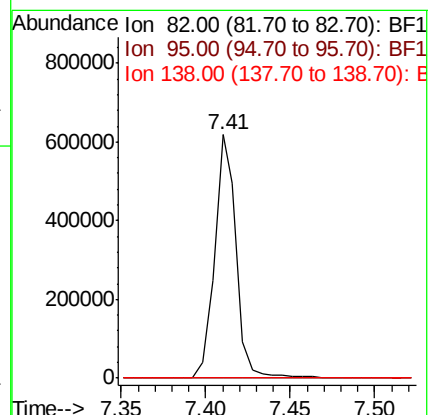
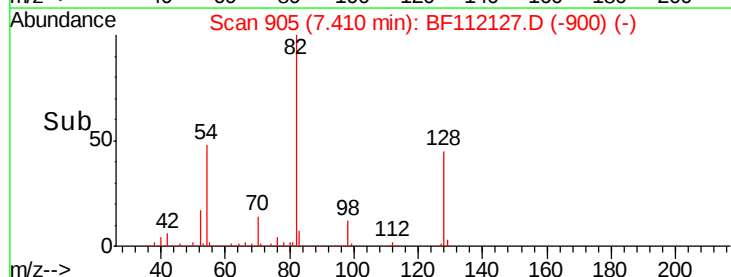
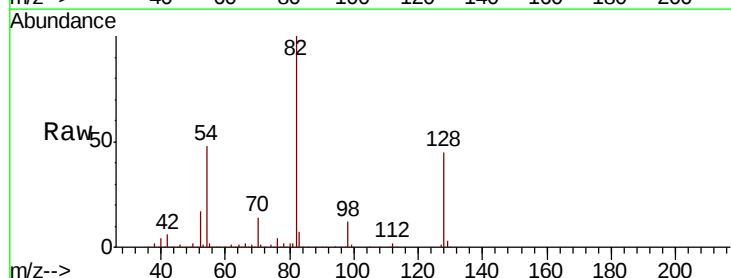
Tgt Ion: 82 Resp: 539742

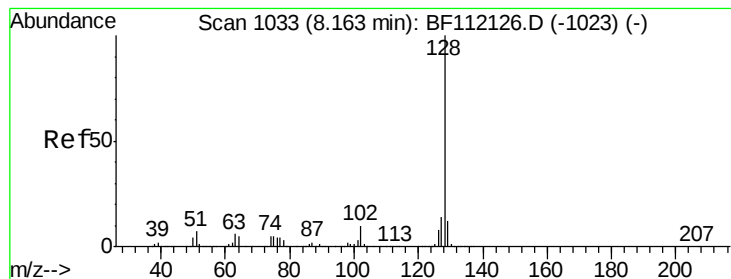
Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

138 0.0 15.4 23.0#

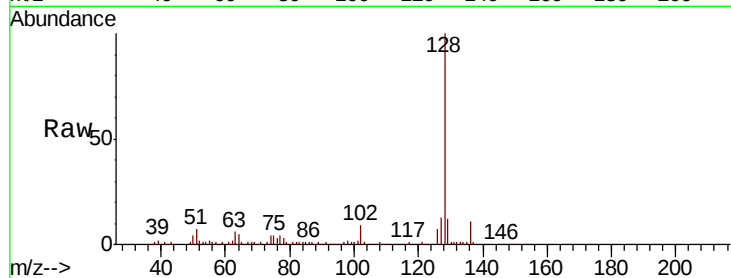




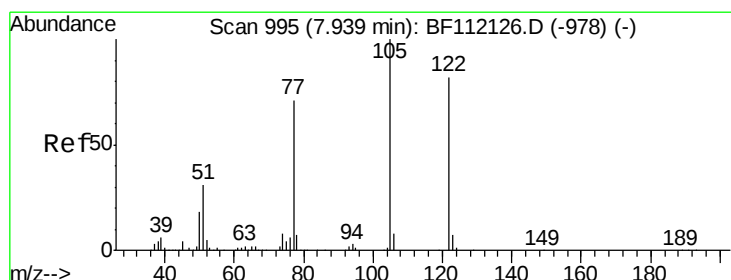
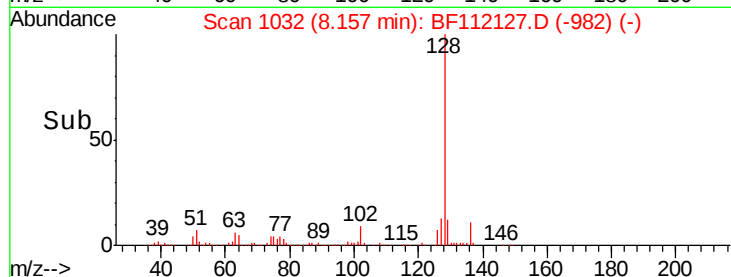
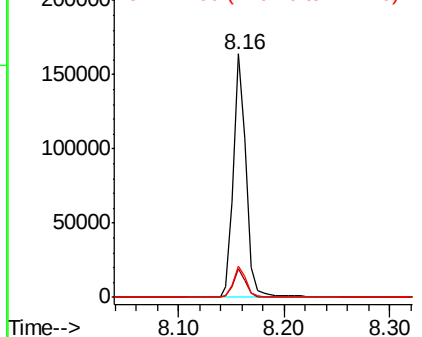
#31
Naphthalene
Concen: 2.670 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:128 Resp: 135097
Ion Ratio Lower Upper
128 100
129 11.5 9.6 14.4
127 12.9 11.1 16.7

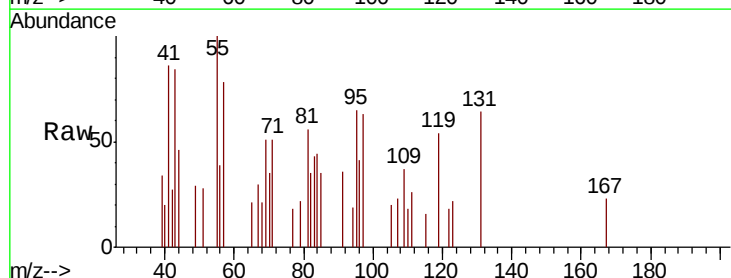


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

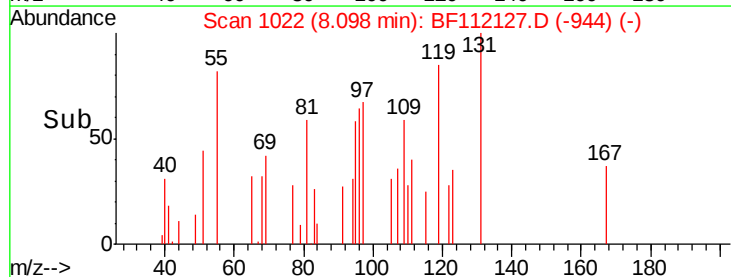
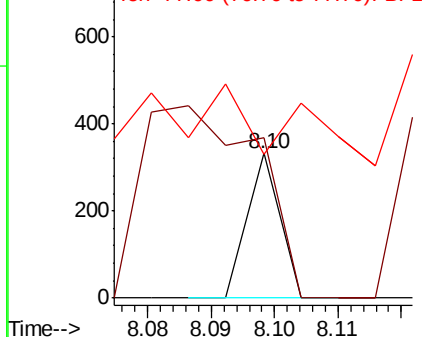


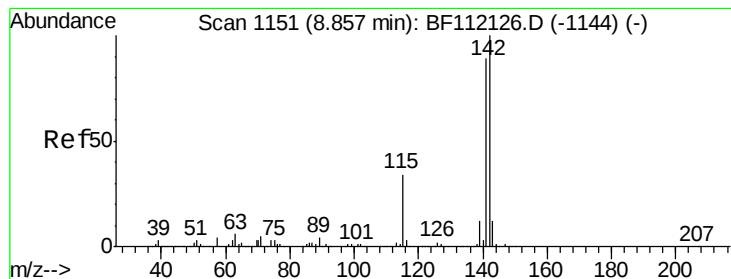
#32
Benzoic acid
Concen: 7.187 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.16 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:122 Resp: 118
Ion Ratio Lower Upper
122 100
105 110.2 101.2 141.2
77 99.4 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#37

2-Methylnaphthalene

Concen: 2.255 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

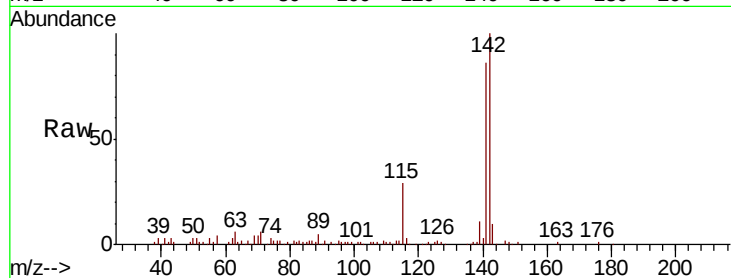
Tgt Ion:142 Resp: 77478

Ion Ratio Lower Upper

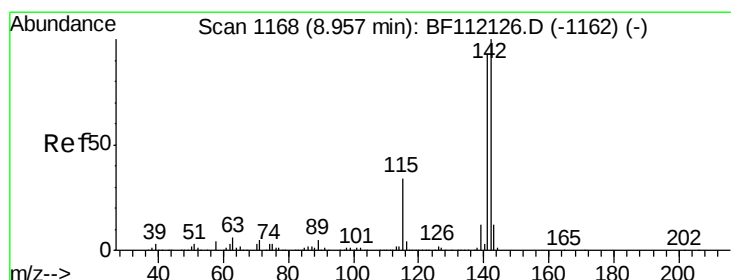
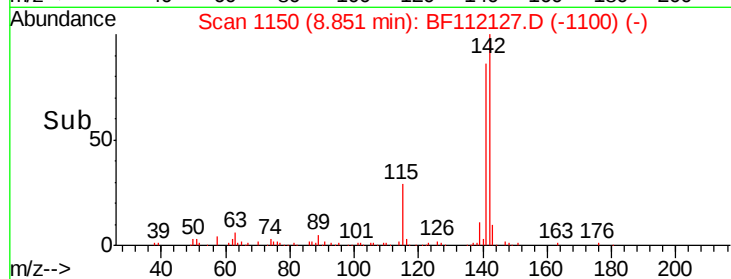
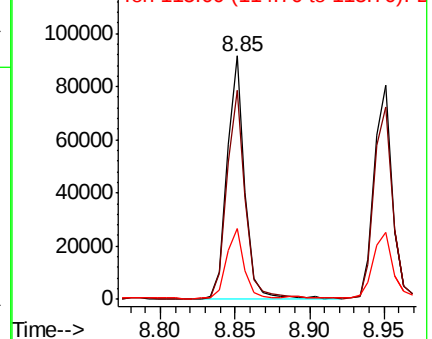
142 100

141 86.0 70.9 106.3

115 29.2 24.9 37.3



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: 2.109 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

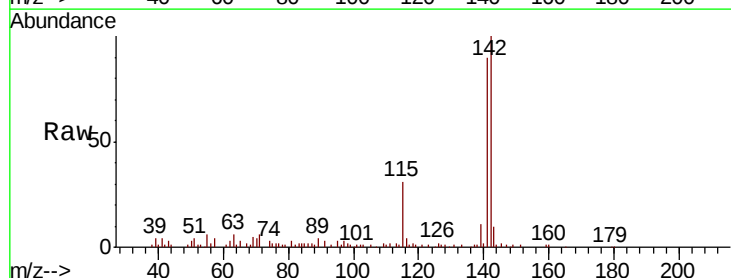
Tgt Ion:142 Resp: 69661

Ion Ratio Lower Upper

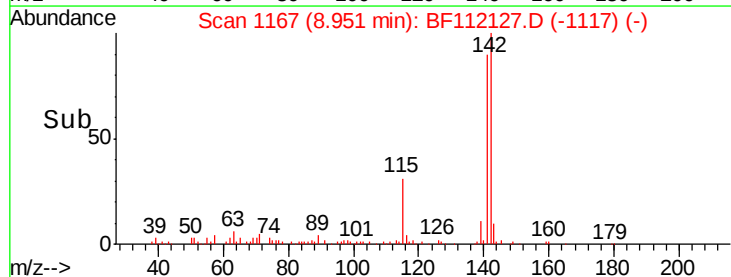
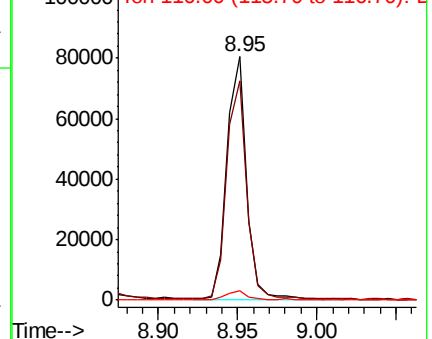
142 100

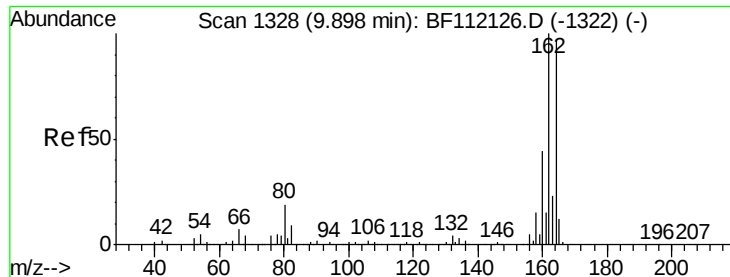
141 89.9 72.6 108.8

116 3.8 2.8 4.2



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

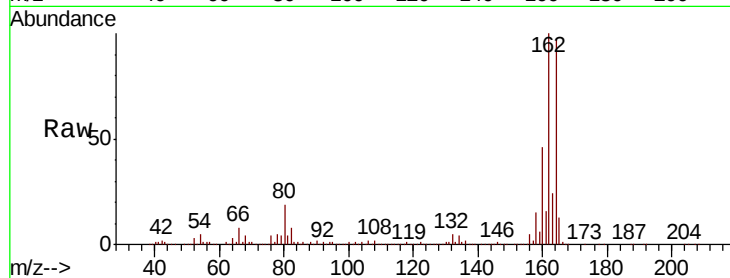




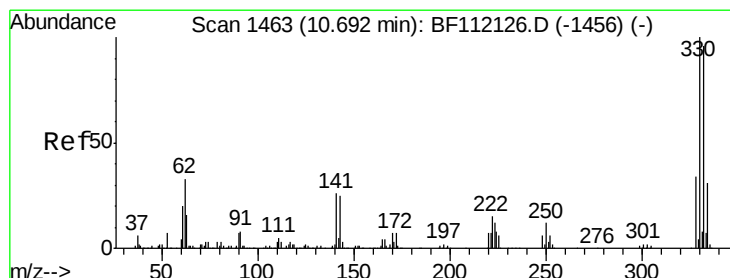
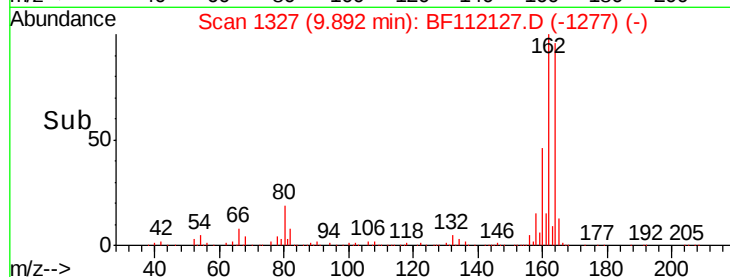
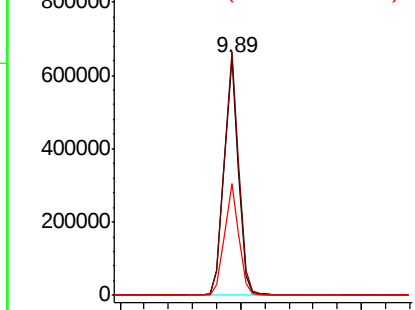
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:164 Resp: 530949
Ion Ratio Lower Upper
164 100
162 102.6 82.2 123.4
160 46.9 36.2 54.4

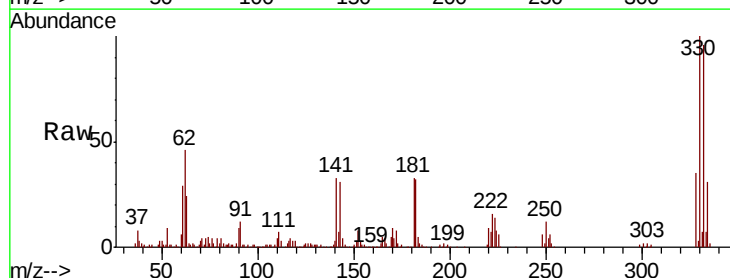


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

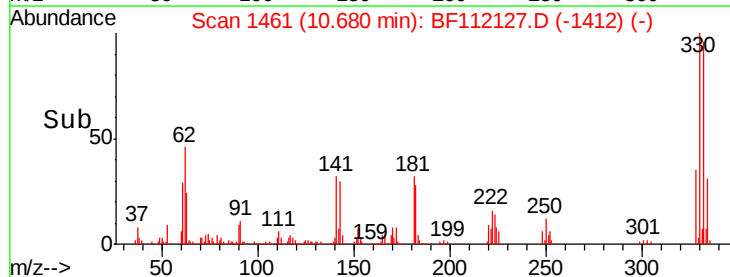
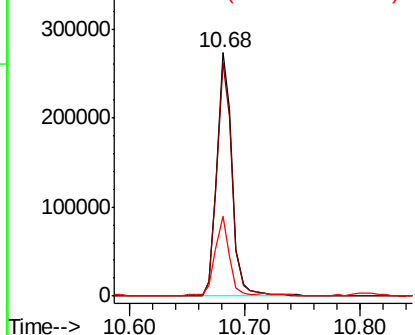


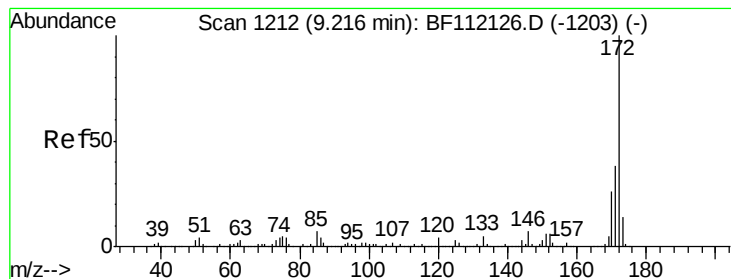
#42
2,4,6-Tribromophenol
Concen: 43.805 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:330 Resp: 250906
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 31.7 24.3 36.5



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: 28.991 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

Instrument :

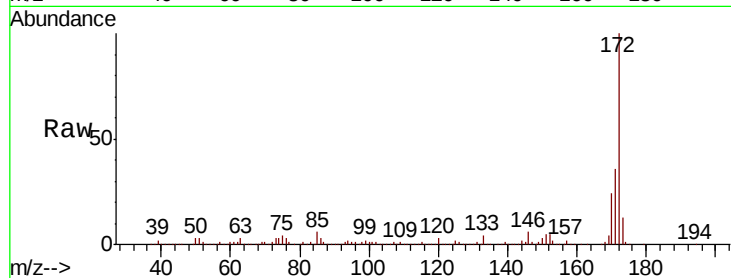
BNA_F

ClientSampleId :

DFTPP

Tgt Ion:172 Resp: 1049897

Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.5	45.7
170	23.9	20.2	30.4

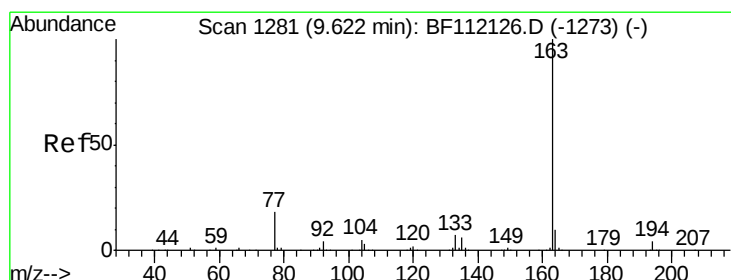
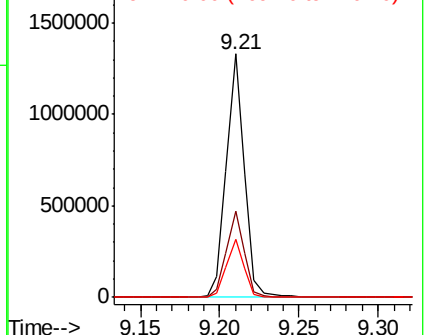
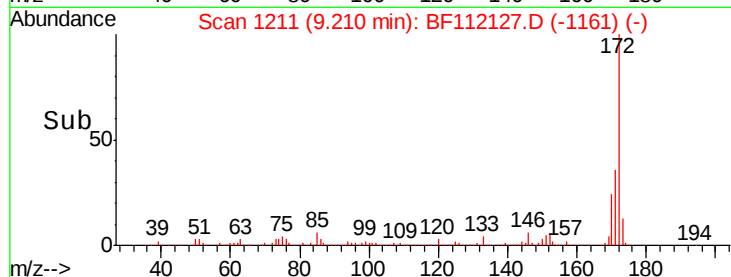


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 2.436 ng

RT: 9.60 min Scan# 1278

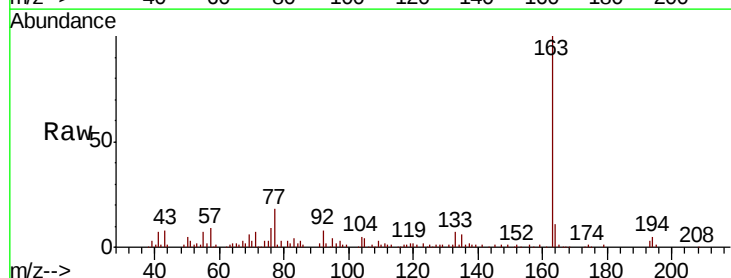
Delta R.T. -0.02 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

Tgt Ion:163 Resp: 94331

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.3	4.9#
164	10.6	8.5	12.7

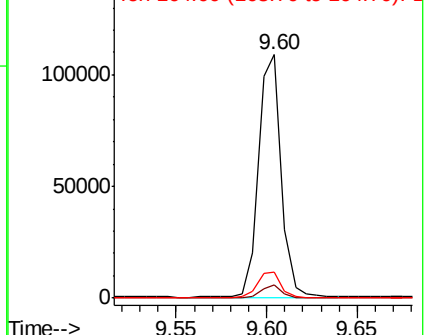
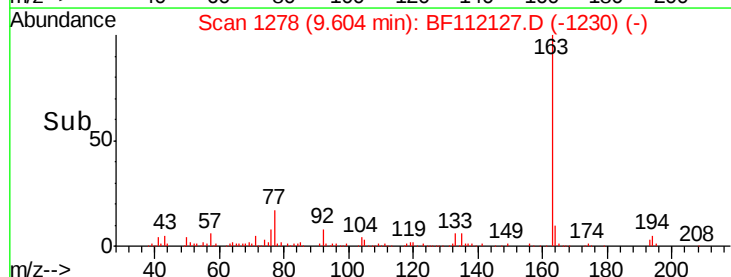


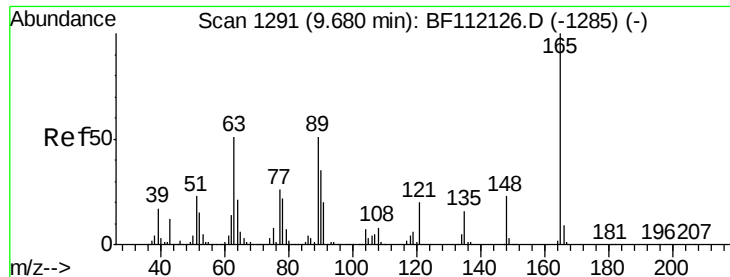
Abundance

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

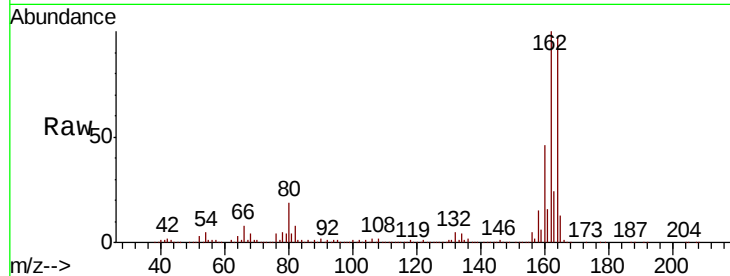




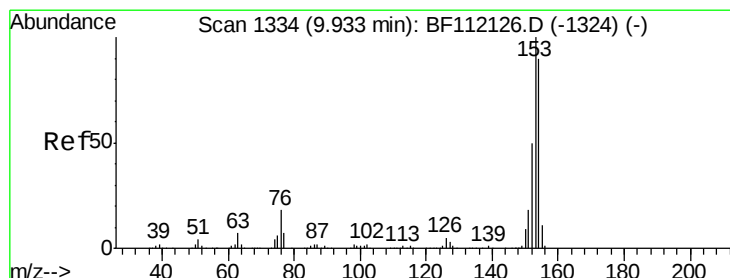
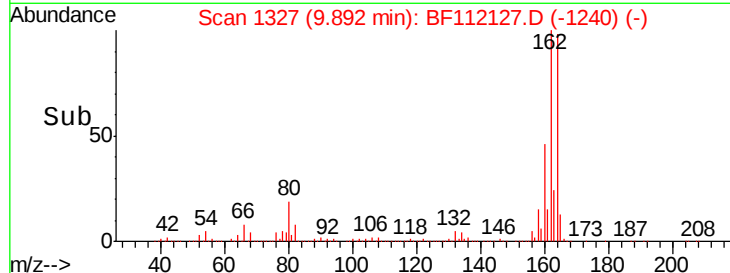
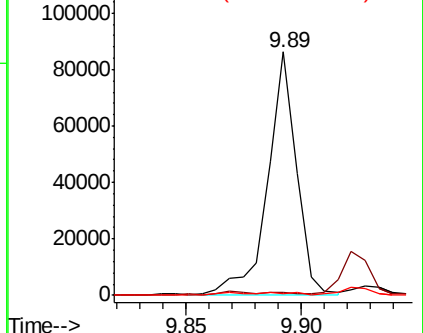
#51
 2,6-Dinitrotoluene
 Concen: 9.677 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF112127.D
 Acq: 18 Jan 2019 16:32

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:165 Resp: 74833
 Ion Ratio Lower Upper
 165 100
 63 1.4 33.8 50.8#
 89 1.0 36.9 55.3#

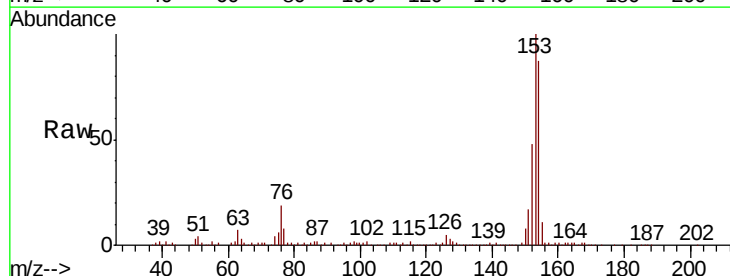


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

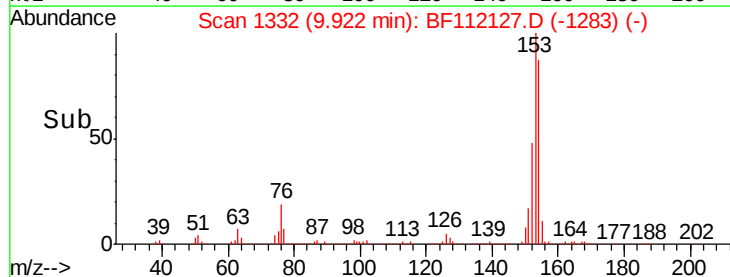
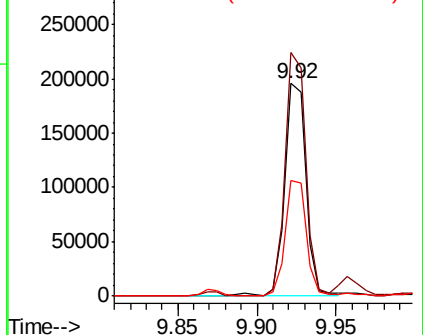


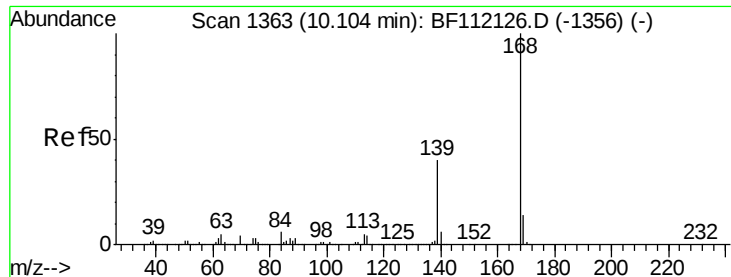
#52
 Acenaphthene
 Concen: 5.868 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF112127.D
 Acq: 18 Jan 2019 16:32

Tgt Ion:154 Resp: 182087
 Ion Ratio Lower Upper
 154 100
 153 114.6 89.8 134.6
 152 54.5 43.5 65.3



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





#55

Dibenzofuran

Concen: 4.512 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

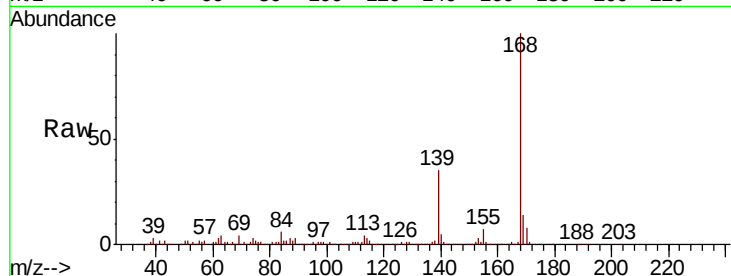
Tgt Ion:168 Resp: 211728

Ion Ratio Lower Upper

168 100

139 35.0 29.2 43.8

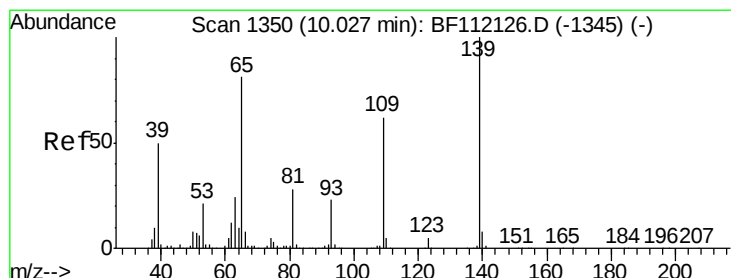
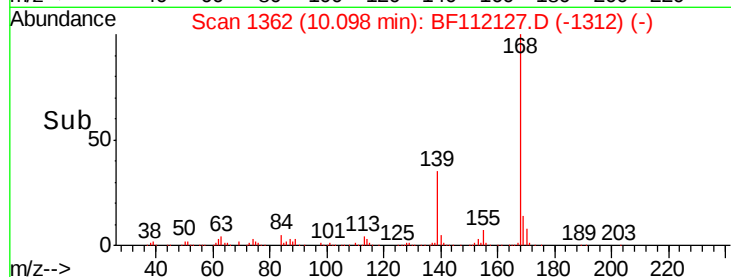
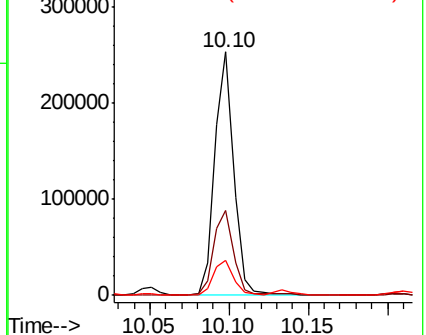
169 14.4 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 6.036 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.04 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

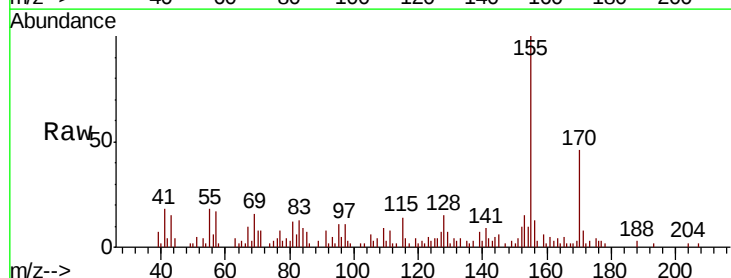
Tgt Ion:139 Resp: 2536

Ion Ratio Lower Upper

139 100

109 130.5 42.8 82.8#

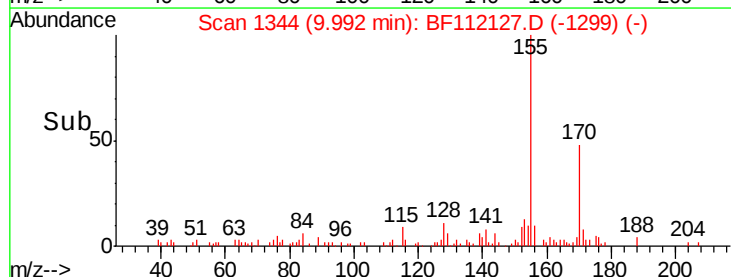
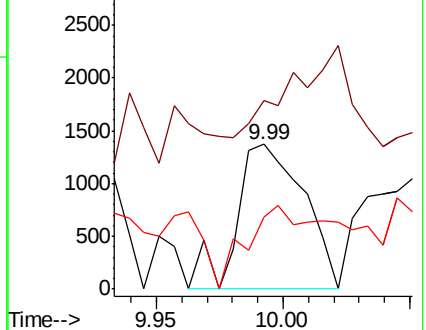
65 49.9 66.1 106.1#

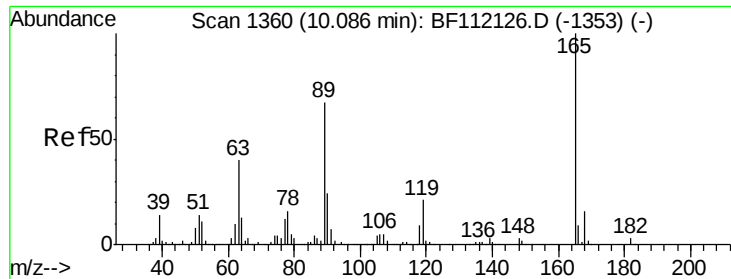


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 5.007 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.04 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion:165 Resp: 4672

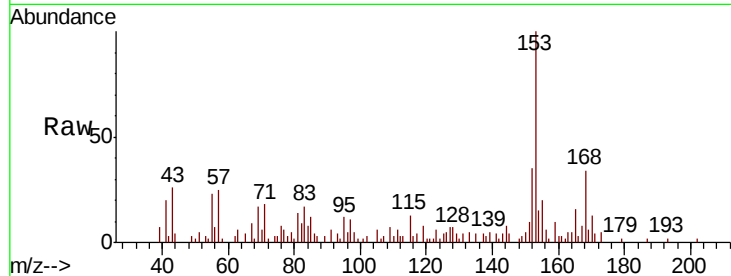
Ion Ratio Lower Upper

165 100

63 37.4 27.9 41.9

89 16.4 47.9 71.9#

182 0.0 2.2 3.4#

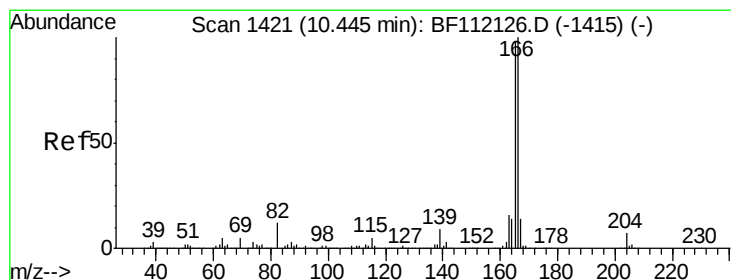
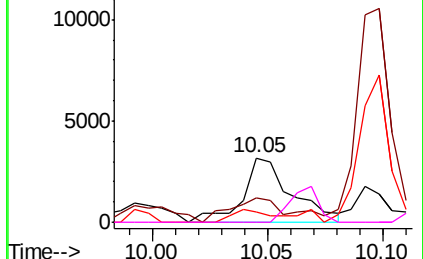
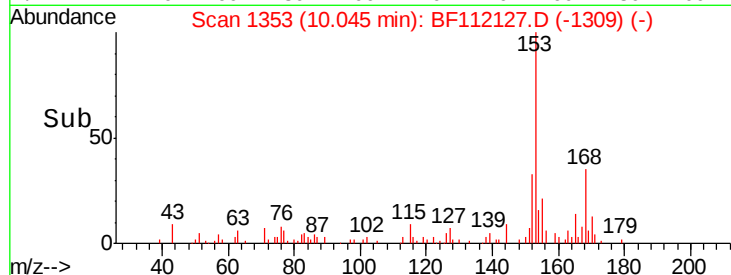


Abundance Ion 165.00 (164.70 to 165.70): E

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



#58

Fluorene

Concen: 6.921 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

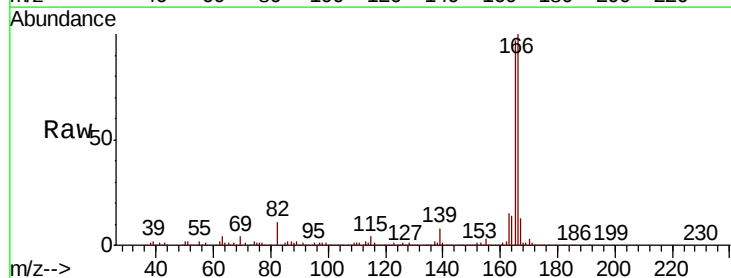
Tgt Ion:166 Resp: 242646

Ion Ratio Lower Upper

166 100

165 97.5 77.1 115.7

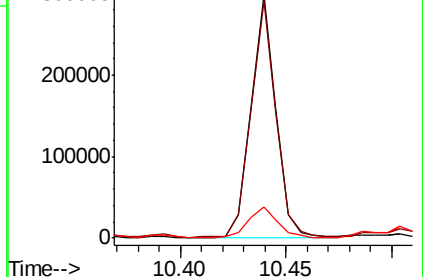
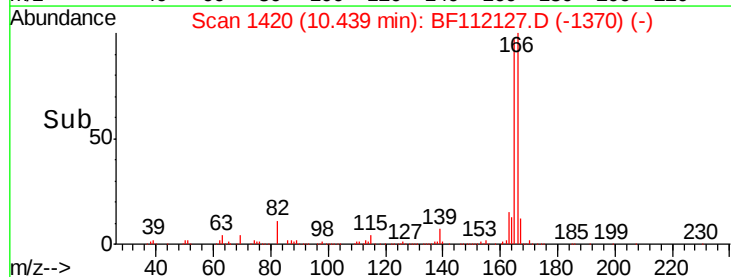
167 12.8 11.3 16.9

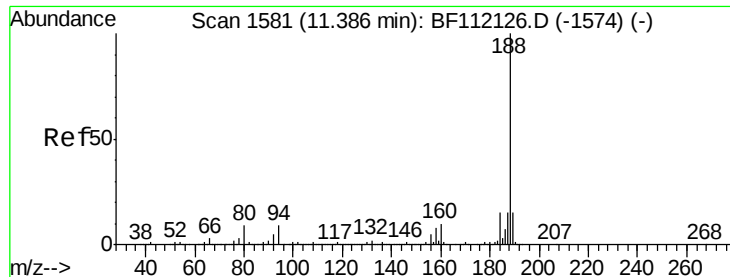


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

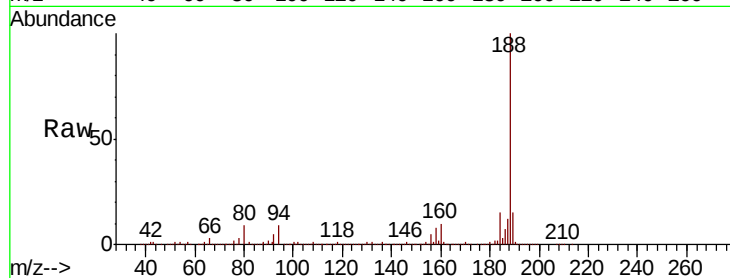




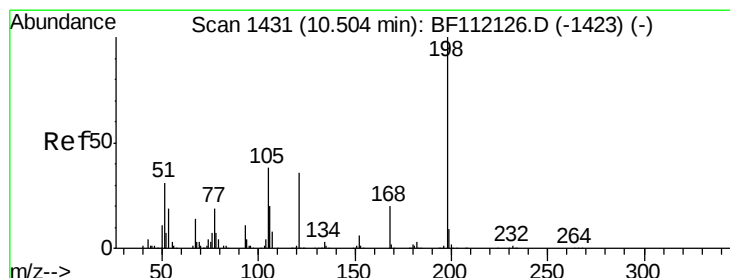
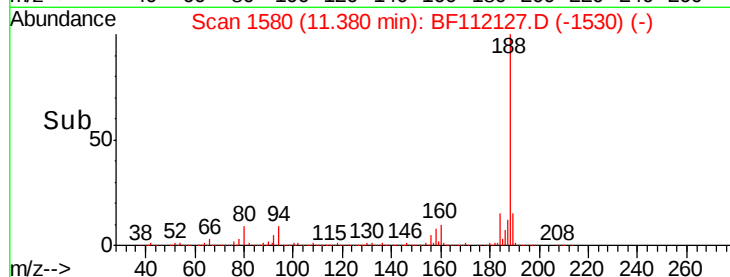
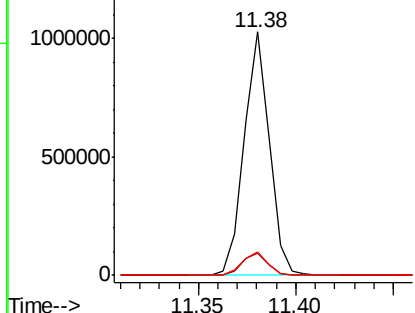
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 920414
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.5 8.9 13.3

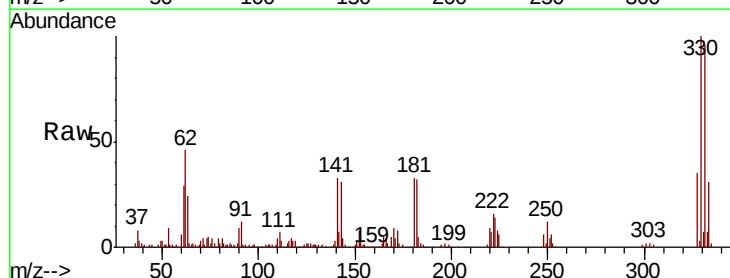


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

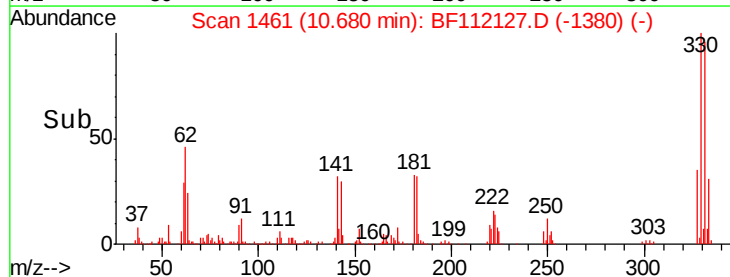
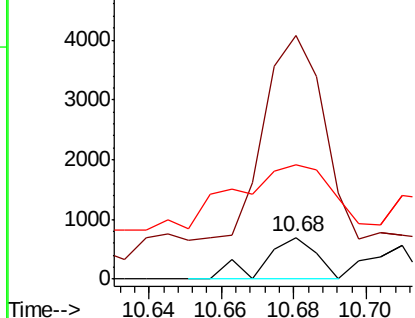


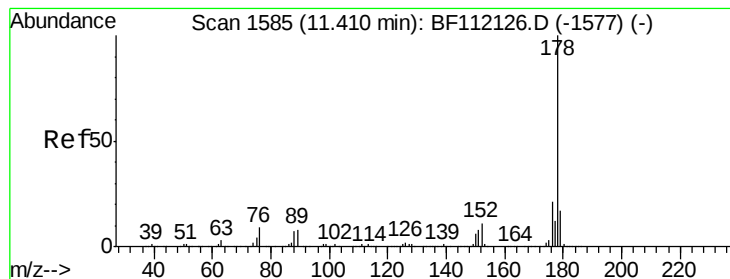
#65
4,6-Dinitro-2-methylphenol
Concen: 10.211 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.18 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:198 Resp: 688
Ion Ratio Lower Upper
198 100
51 581.0 17.2 57.2#
105 274.0 21.9 61.9#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#71

Phenanthrene

Concen: 51.495 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

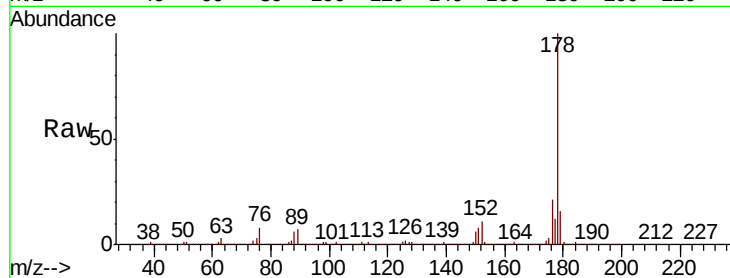
Tgt Ion:178 Resp: 2385256

Ion Ratio Lower Upper

178 100

176 20.8 16.3 24.5

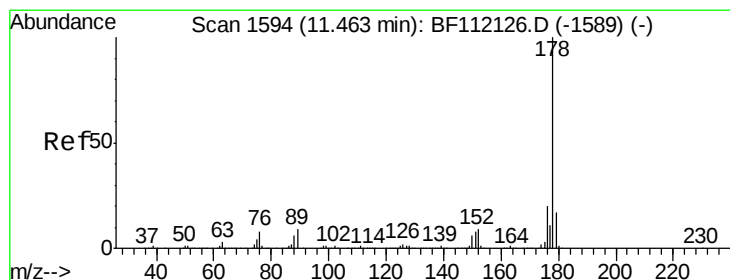
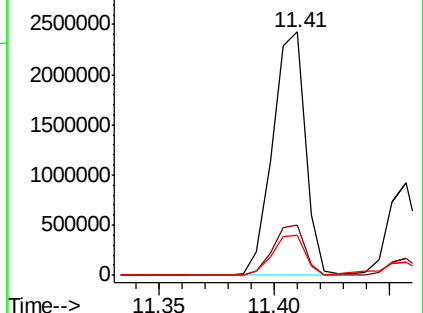
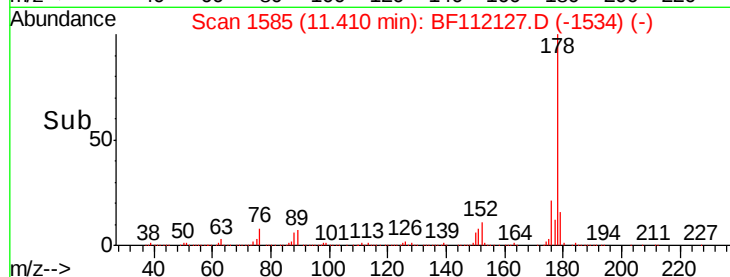
179 16.5 13.0 19.4



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



#72

Anthracene

Concen: 16.483 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

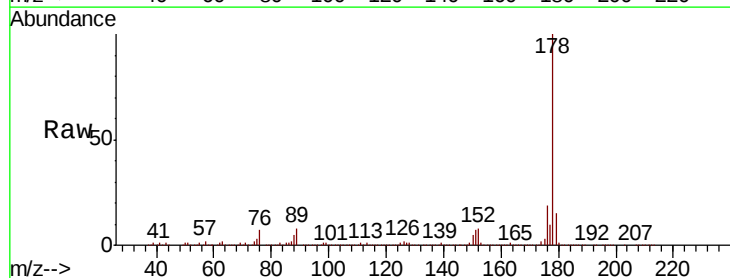
Tgt Ion:178 Resp: 773443

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

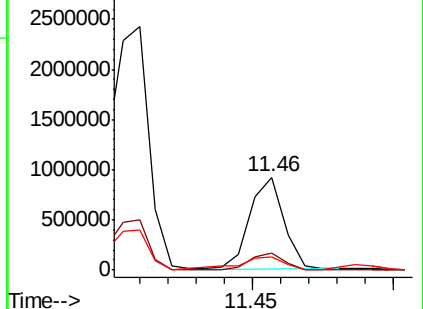
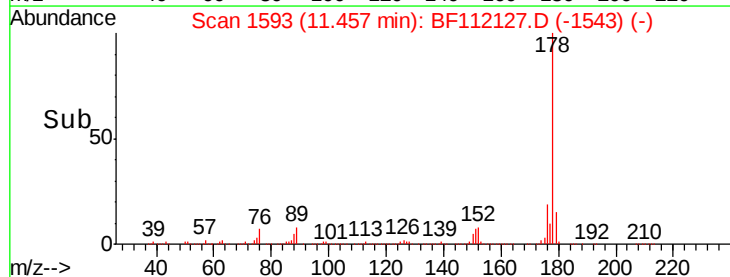
179 15.0 12.8 19.2

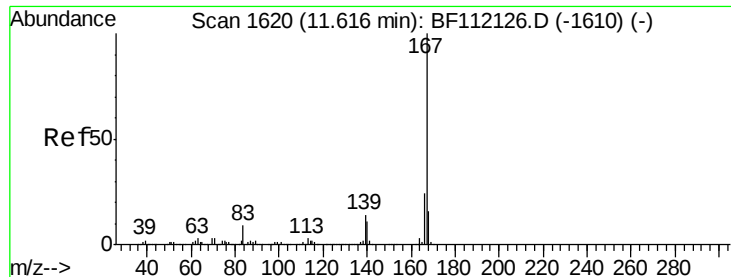


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 4.028 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

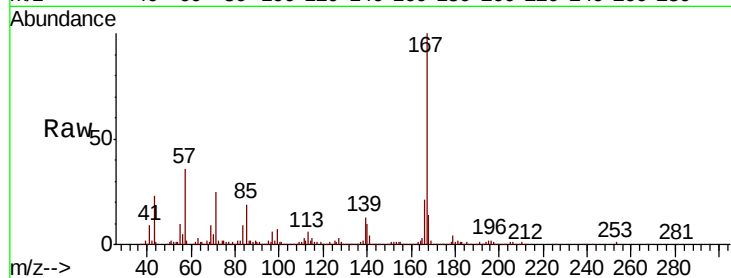
Tgt Ion:167 Resp: 189331

Ion Ratio Lower Upper

167 100

166 21.5 17.9 26.9

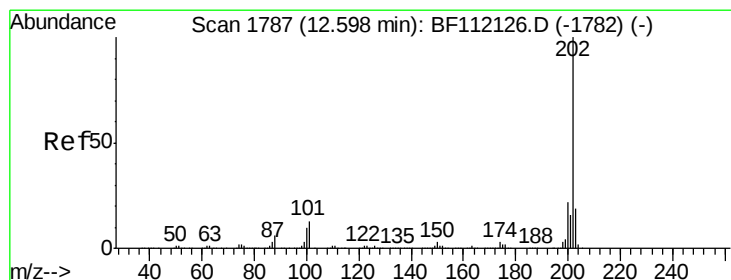
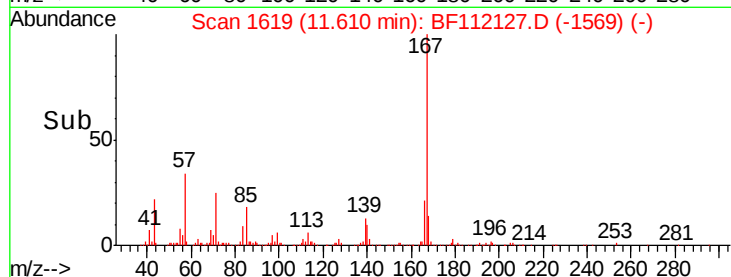
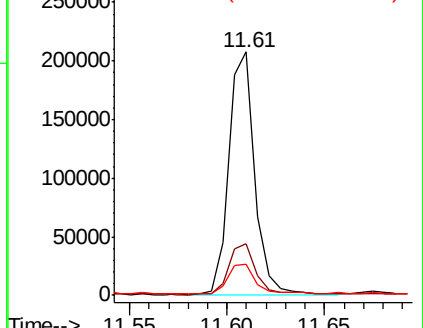
139 12.9 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Fluoranthene

Concen: 45.782 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

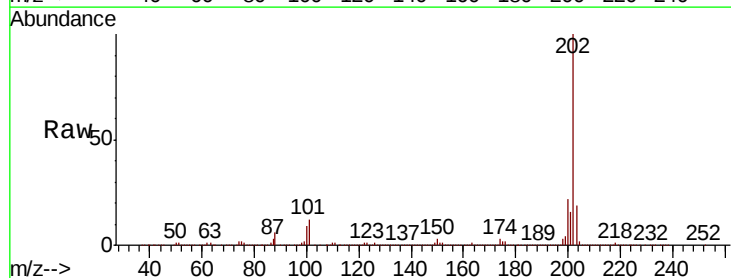
Tgt Ion:202 Resp: 2239027

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.8

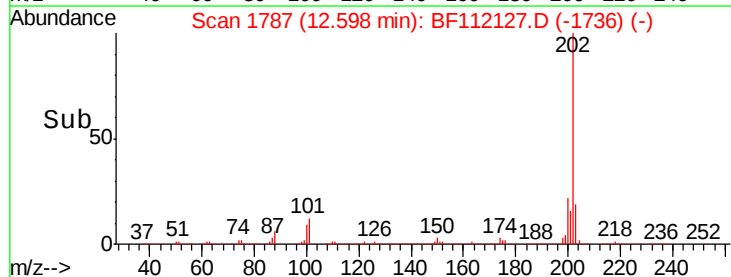
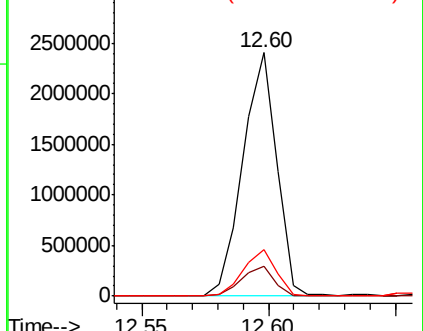
203 19.0 0.0 38.4

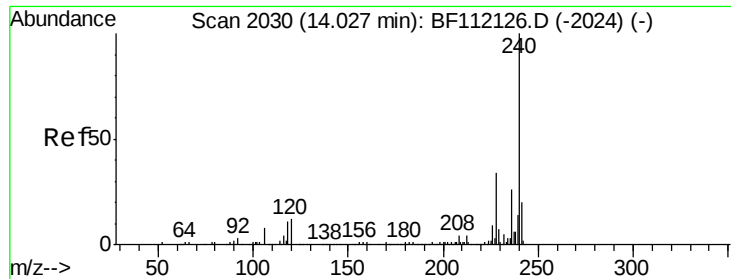


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

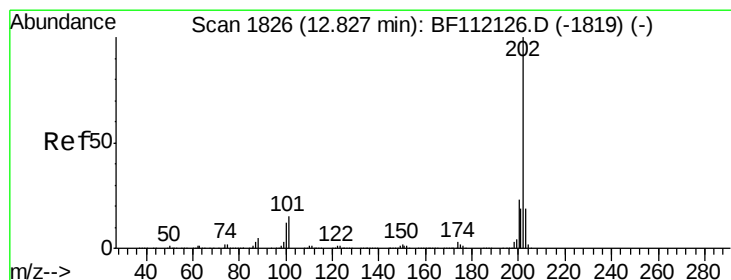
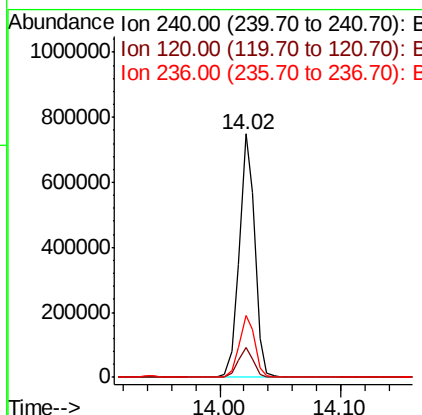
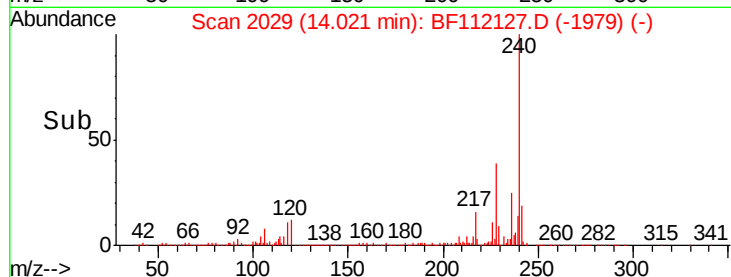
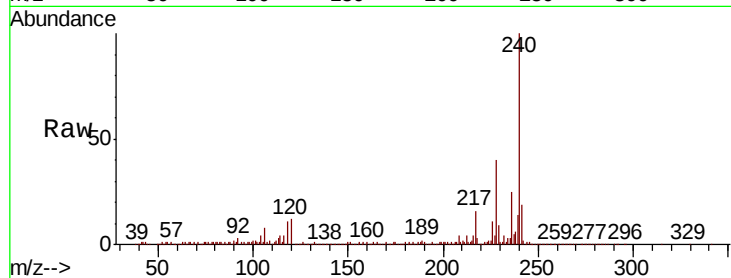




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

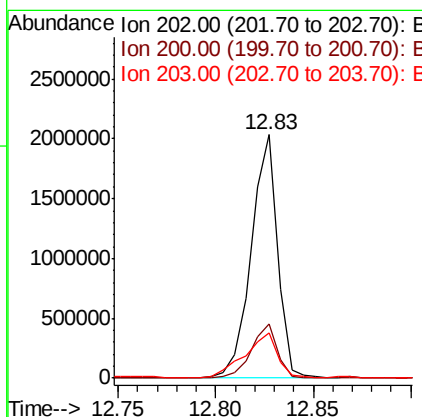
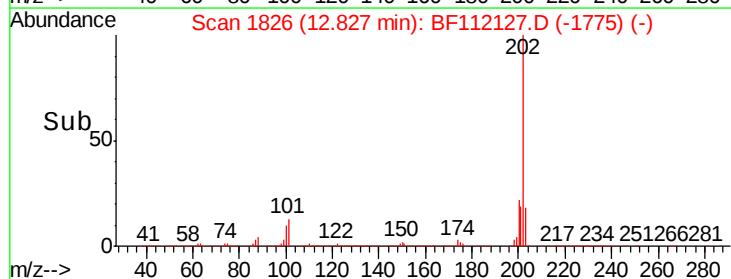
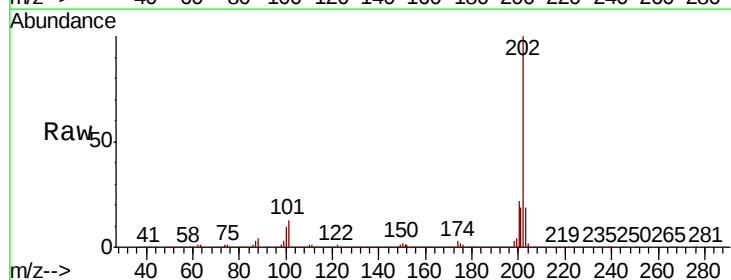
Instrument :
BNA_F
ClientSampleId :
DFTPP

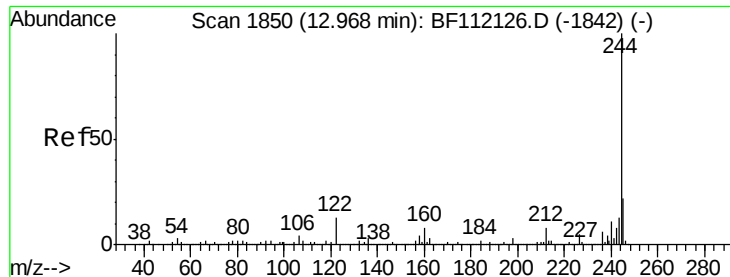
Tgt Ion:240 Resp: 670571
Ion Ratio Lower Upper
240 100
120 12.1 9.0 13.6
236 25.3 20.7 31.1



#78
Pyrene
Concen: 42.946 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:202 Resp: 1899976
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 18.5 14.6 22.0





#79

Terphenyl-d14

Concen: 28.038 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

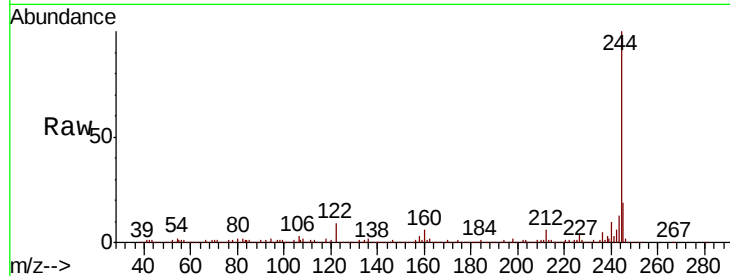
Tgt Ion:244 Resp: 883797

Ion Ratio Lower Upper

244 100

212 6.2 5.9 8.9

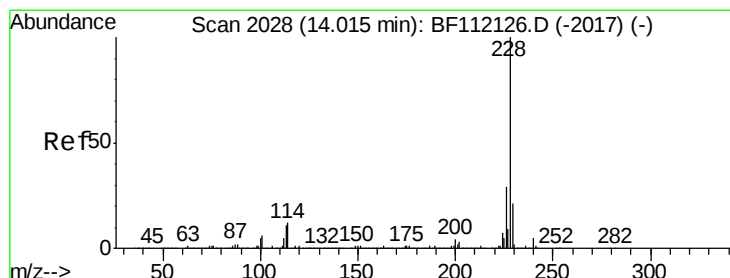
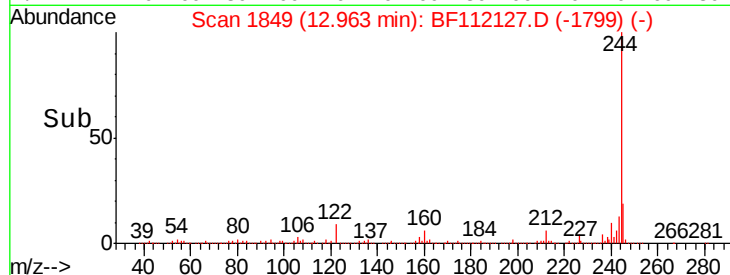
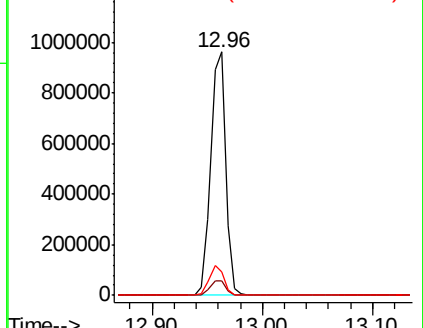
122 9.4 9.8 14.6#



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: 24.594 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

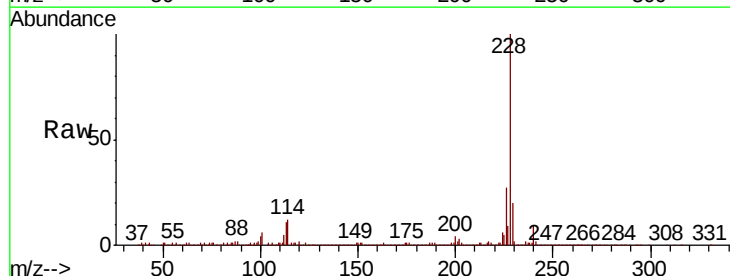
Tgt Ion:228 Resp: 945605

Ion Ratio Lower Upper

228 100

226 27.3 22.6 34.0

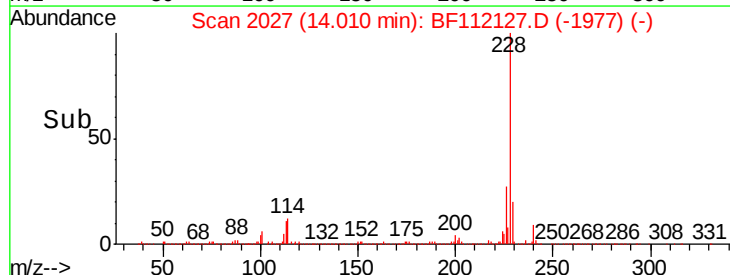
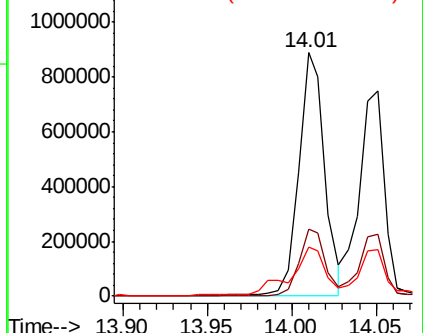
229 20.2 16.5 24.7

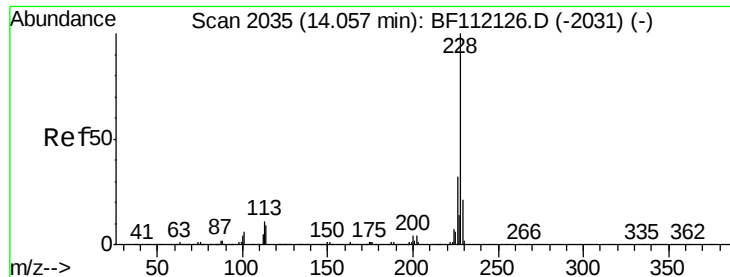


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 21.217 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

Instrument :

BNA_F

ClientSampleId :

DFTPP

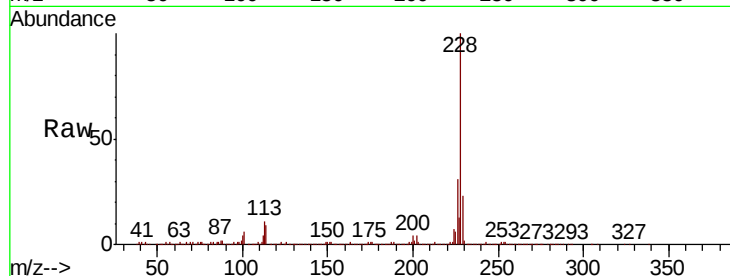
Tgt Ion:228 Resp: 771886

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

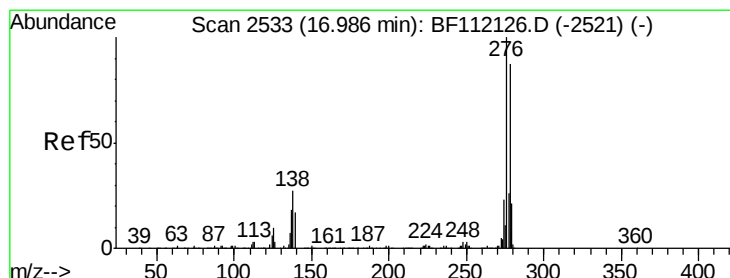
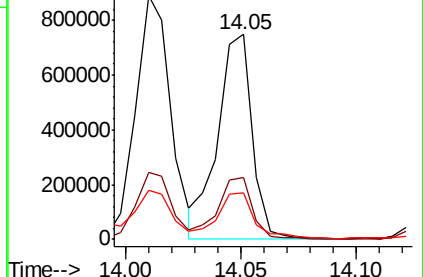
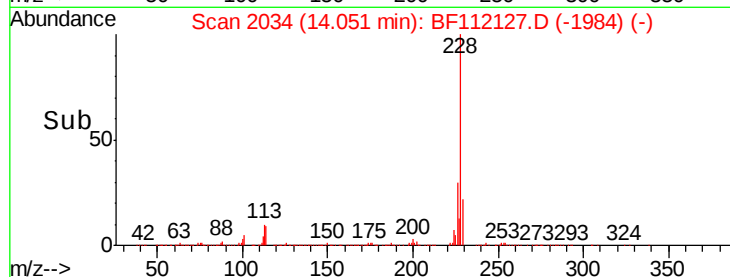
229 22.7 16.6 24.8



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 10.806 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BF112127.D

Acq: 18 Jan 2019 16:32

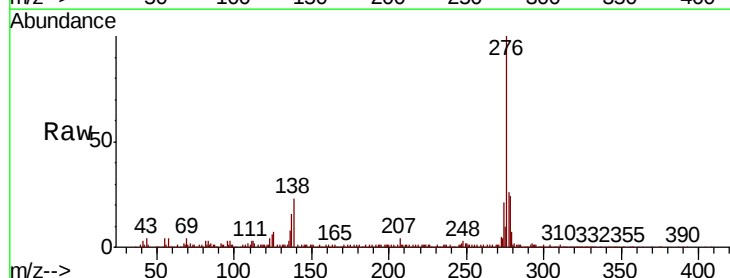
Tgt Ion:276 Resp: 362685

Ion Ratio Lower Upper

276 100

138 23.6 22.6 34.0

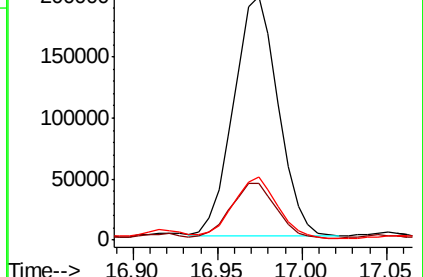
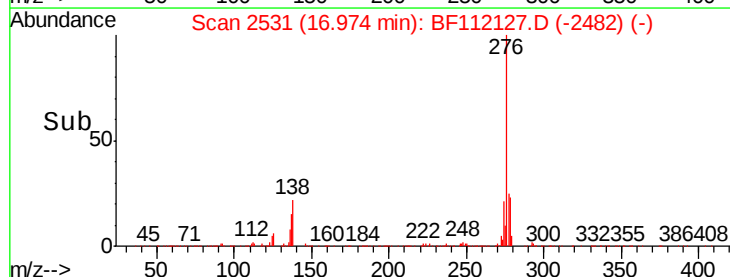
277 25.5 20.3 30.5

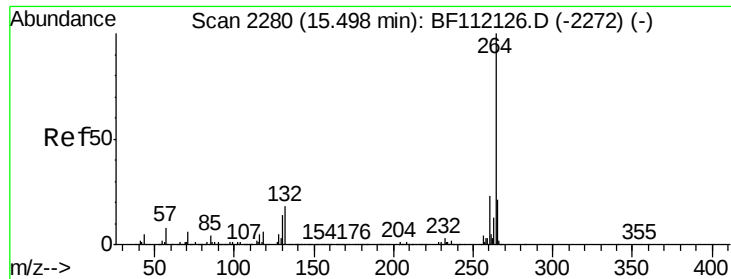


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

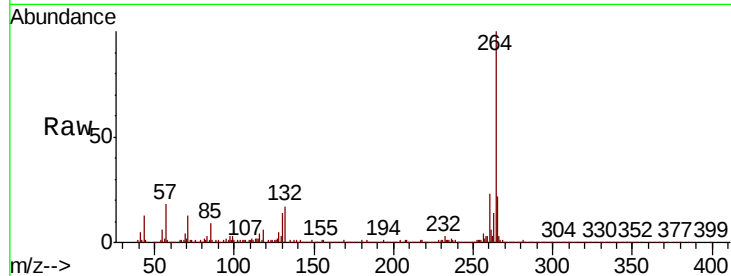




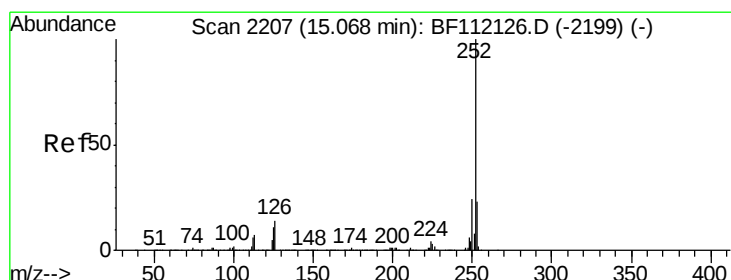
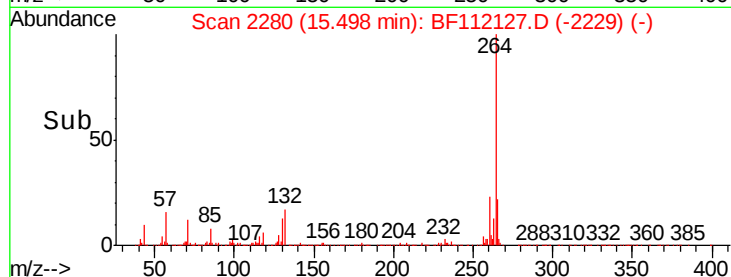
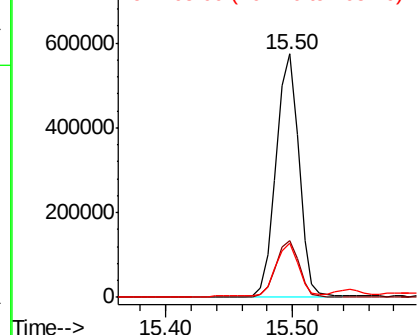
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:264 Resp: 720607
Ion Ratio Lower Upper
264 100
260 23.2 18.2 27.2
265 22.2 17.0 25.4

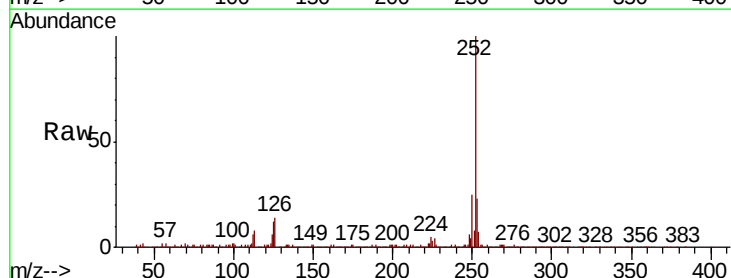


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

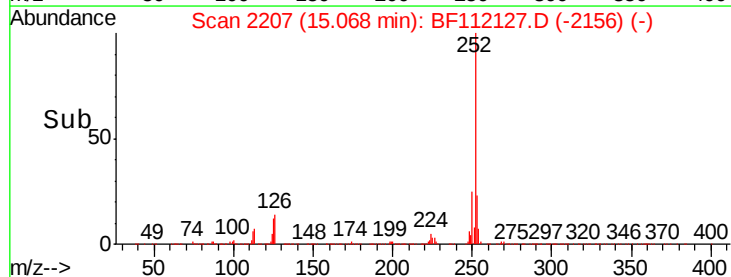
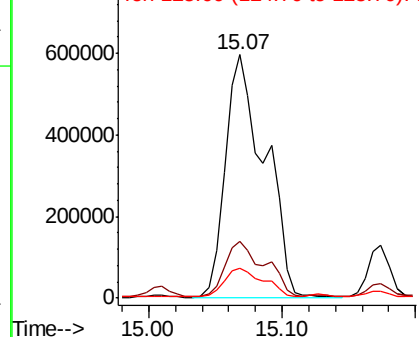


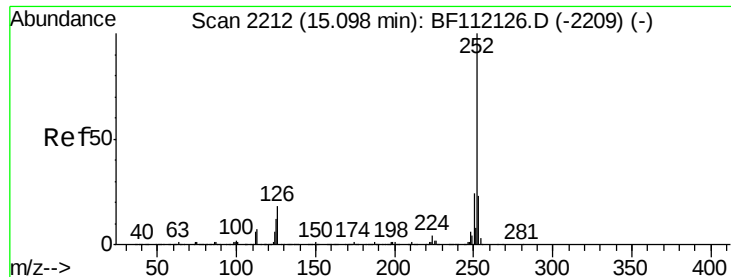
#88
Benzo(b)fluoranthene
Concen: 29.824 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion:252 Resp: 1219941
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 12.1 8.7 13.1



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

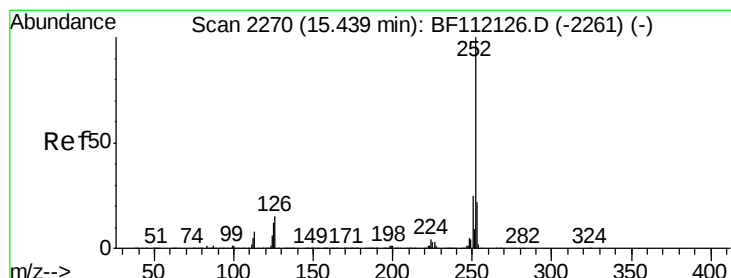
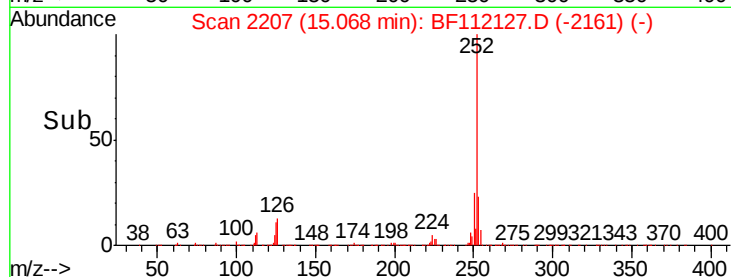
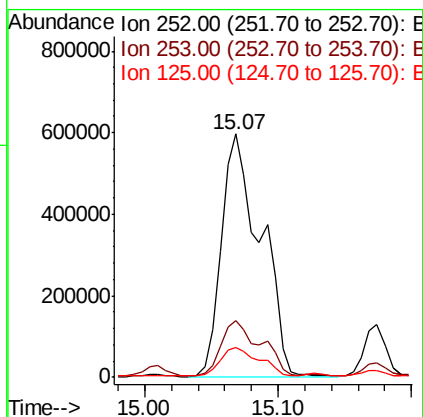
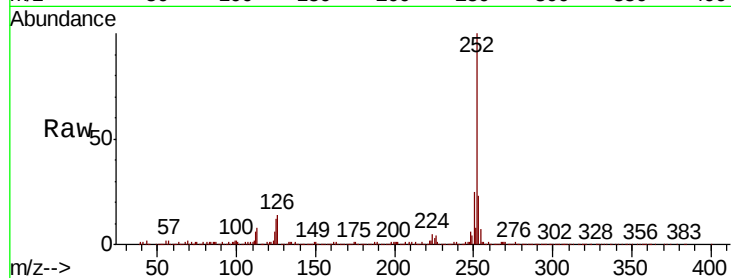




#89
Benzo(k)fluoranthene
Concen: 30.814 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

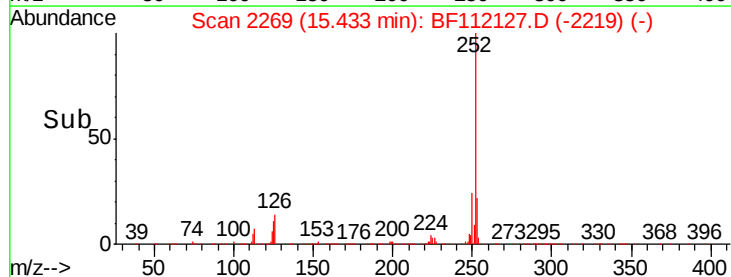
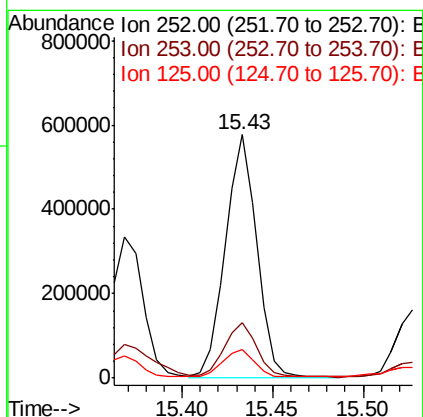
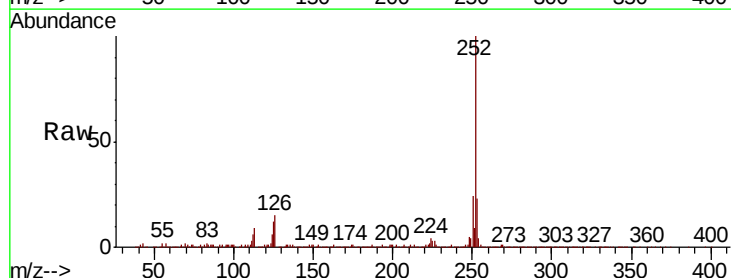
Instrument :
BNA_F
ClientSampleId :
DFTPP

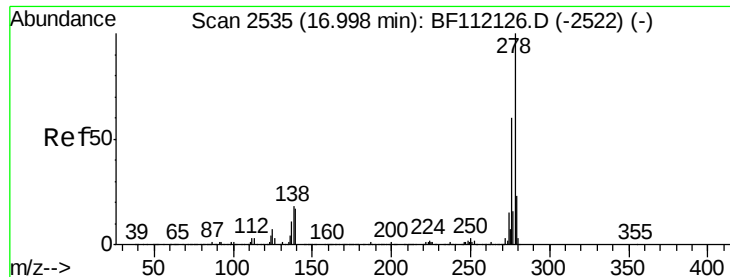
Tgt Ion: 252 Resp: 1219941
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 12.1 9.1 13.7



#90
Benzo(a)pyrene
Concen: 18.439 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion: 252 Resp: 691696
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 11.7 9.0 13.4

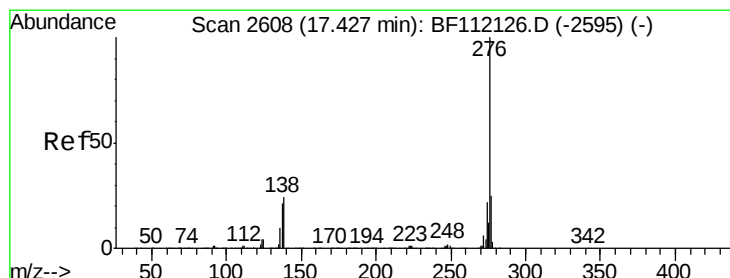
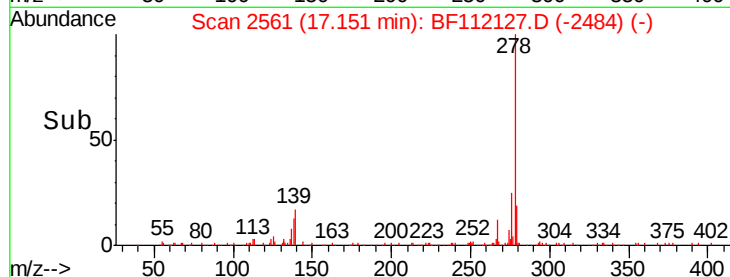
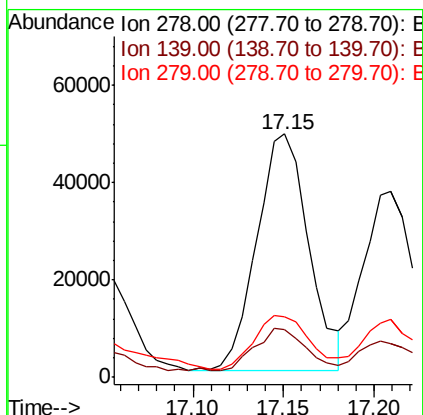
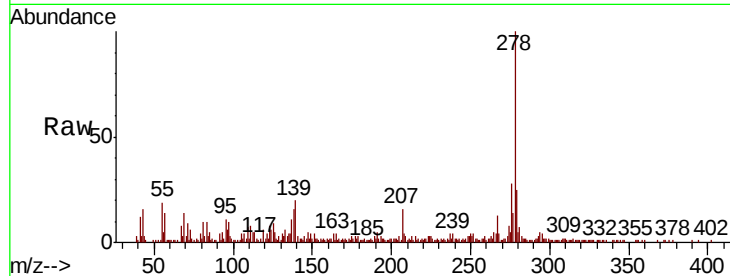




#91
Dibenzo(a,h)anthracene
Concen: 2.937 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.15 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 278 Resp: 97838
Ion Ratio Lower Upper
278 100
139 19.7 13.7 20.5
279 24.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 9.559 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BF112127.D
Acq: 18 Jan 2019 16:32

Tgt Ion: 276 Resp: 313748
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.0
138 22.7 19.1 28.7

