

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112093.D
 Acq On : 17 Jan 2019 16:59
 Operator : JU/SJ
 Sample : K1156-08 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Quant Time: Jan 18 00:08:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	306193	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1135181	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	488083	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	789094	20.00	ng	0.00
76) Chrysene-d12	14.03	240	690394	20.00	ng	0.00
87) Perylene-d12	15.51	264	551134	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	769586	45.62	ng	0.00
7) Phenol-d6	6.50	99	968864	45.90	ng	0.00
23) Nitrobenzene-d5	7.42	82	543047	33.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	192930	36.64	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1107657	33.27	ng	0.00
79) Terphenyl-d14	12.97	244	916492	28.24	ng	0.00

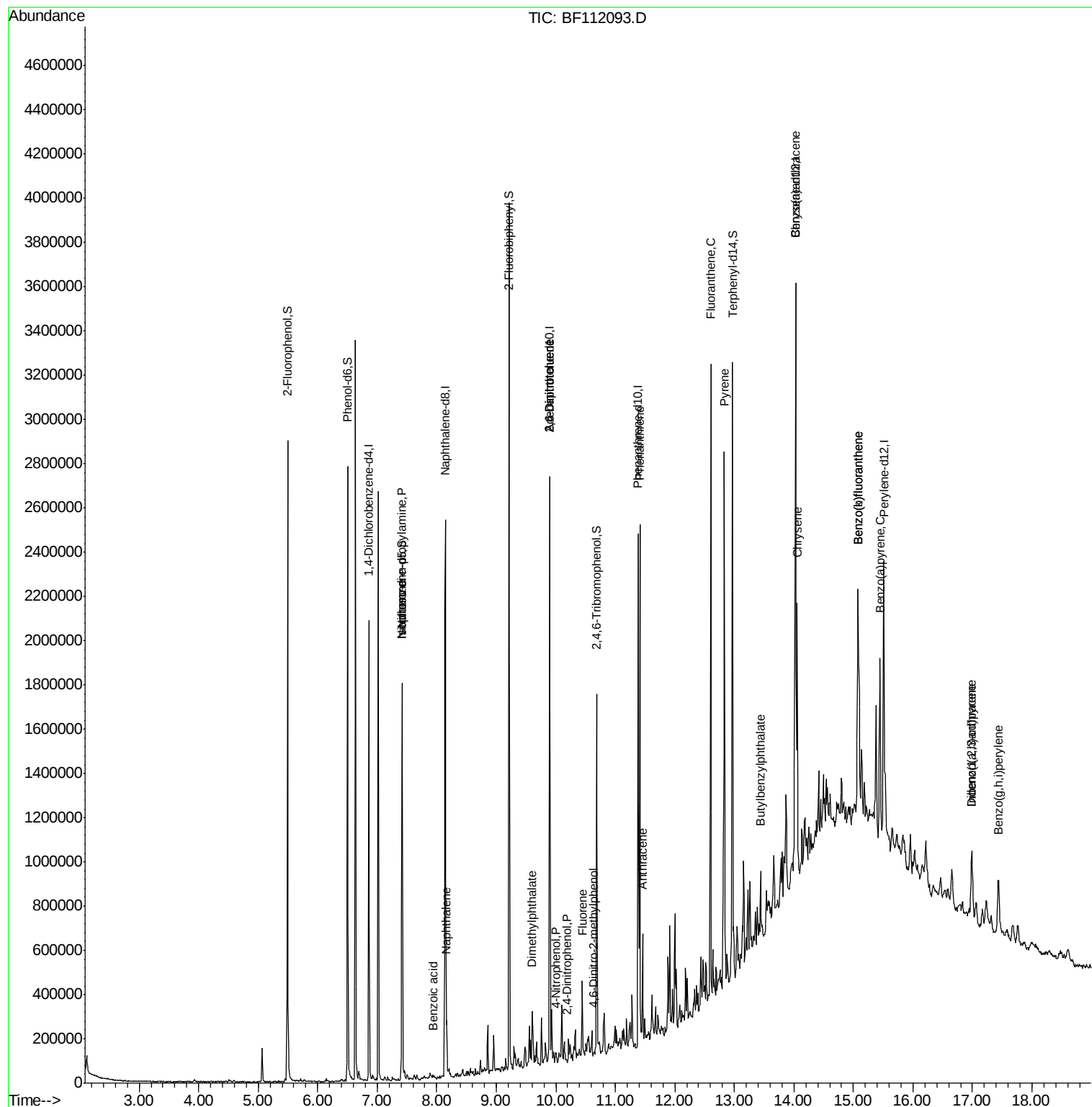
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.42	77	2578	Below Cal		# 24
19) n-Nitroso-di-n-propylamine	7.42	70	75285	5.855	ng	# 78
25) Isophorone	7.42	82	540295	17.024	ng	# 64
31) Naphthalene	8.16	128	125789	2.436	ng	# 99
32) Benzoic acid	7.93	122	2487	7.573	ng	# 16
50) Dimethylphthalate	9.60	163	78859	2.215	ng	# 99
51) 2,6-Dinitrotoluene	9.90	165	66815	9.399	ng	# 34
54) 2,4-Dinitrophenol	10.18	184	242	7.904	ng	# 15
56) 4-Nitrophenol	10.00	139	1763	5.943	ng	# 23
57) 2,4-Dinitrotoluene	9.90	165	66815	11.205	ng	# 31
58) Fluorene	10.45	166	88357	2.742	ng	# 96
65) 4,6-Dinitro-2-methylphenol	10.65	198	107	10.095	ng	# 1
71) Phenanthrene	11.41	178	807887	20.344	ng	# 98
72) Anthracene	11.46	178	201158	5.000	ng	# 98
75) Fluoranthene	12.60	202	1158694	27.635	ng	# 98
78) Pyrene	12.83	202	1081094	23.735	ng	# 98
80) Butylbenzylphthalate	13.44	149	53745	2.690	ng	# 92
81) Benzo(a)anthracene	14.02	228	554822	14.016	ng	# 96
83) Chrysene	14.06	228	510181	13.621	ng	# 96
86) Indeno(1,2,3-cd)pyrene	16.99	276	204307	5.912	ng	# 94
88) Benzo(b)fluoranthene	15.07	252	731432	23.380	ng	# 95
89) Benzo(k)fluoranthene	15.07	252	731432	24.156	ng	# 96
90) Benzo(a)pyrene	15.44	252	378796	13.203	ng	# 96
91) Dibenzo(a,h)anthracene	16.99	278	53425	2.097	ng	# 77
92) Benzo(g,h,i)perylene	17.44	276	187673	7.476	ng	# 98

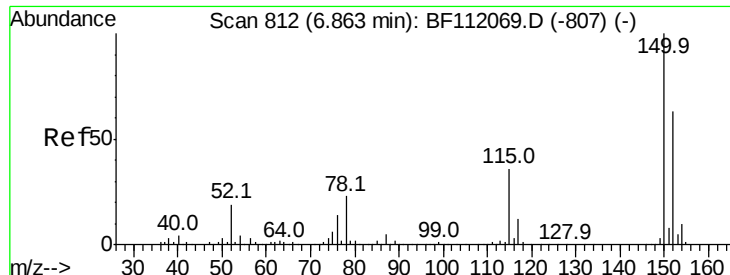
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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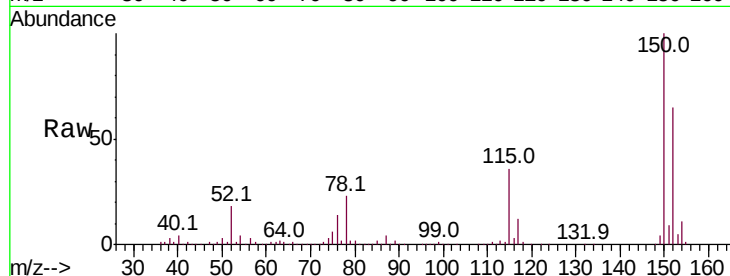


#1

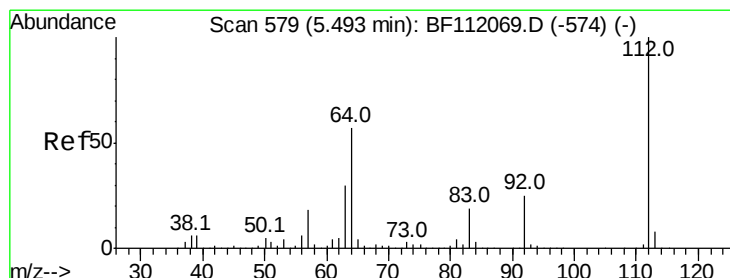
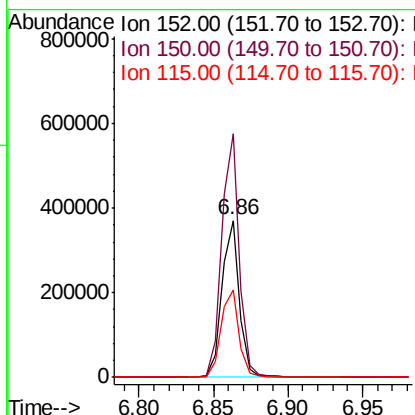
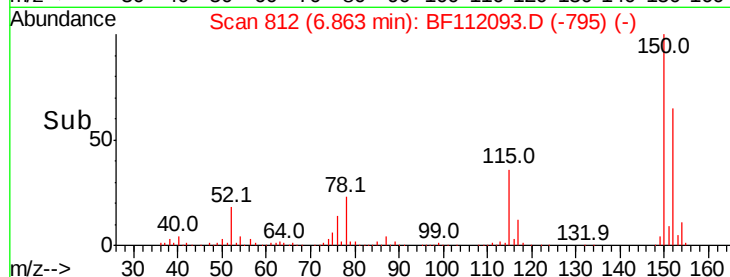
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tot Ion:152 Resp: 306193
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.0
115 55.6 45.5 68.3



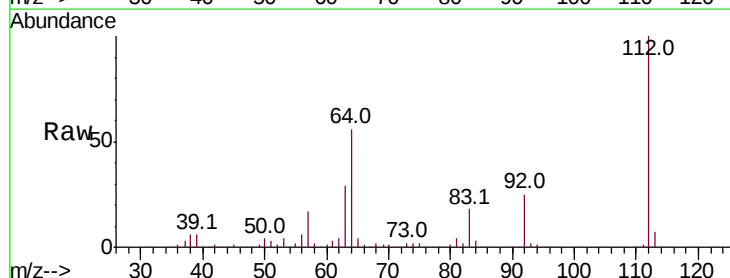
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



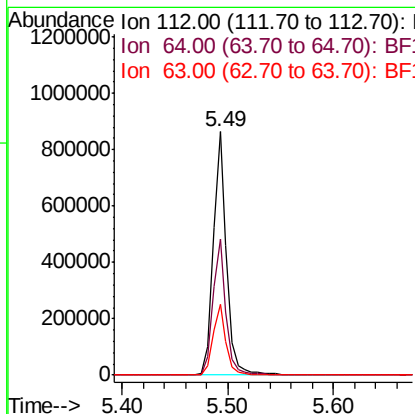
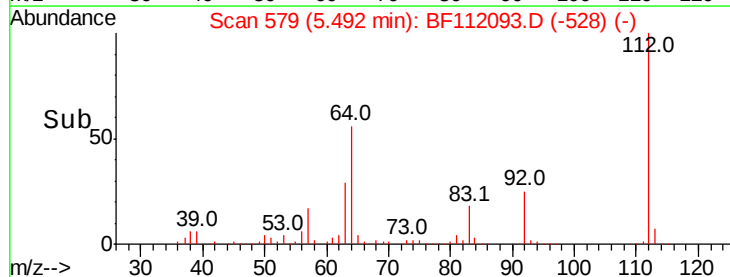
#5

2-Fluorophenol
Concen: 45.619 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Tgt Ion:112 Resp: 769586
Ion Ratio Lower Upper
112 100
64 56.0 45.7 68.5
63 29.0 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: 45.903 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_F

ClientSampled :

COMP-5

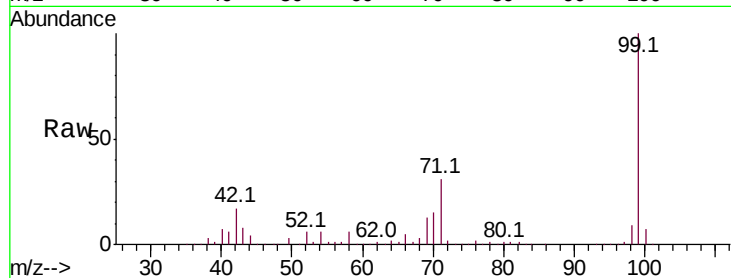
Tot Ion: 99 Resp: 968864

Ion Ratio Lower Upper

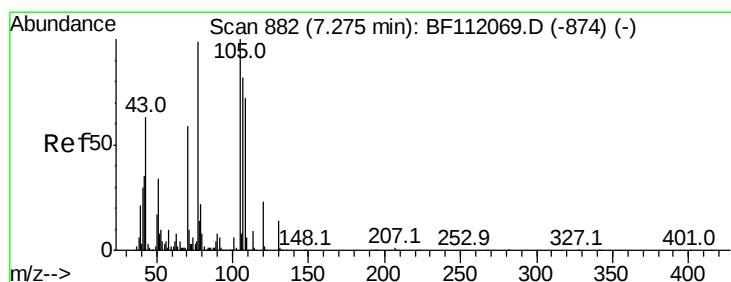
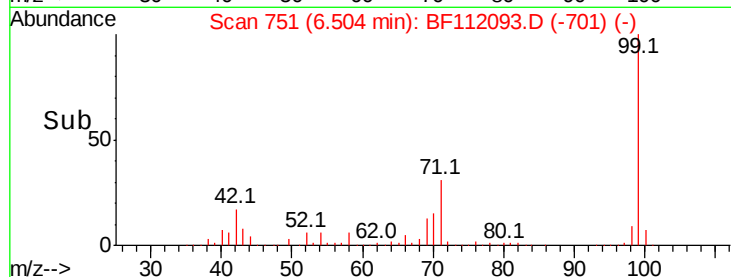
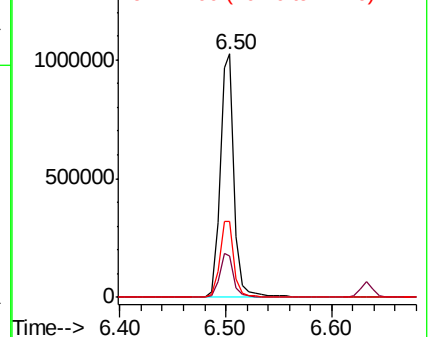
99 100

42 17.1 15.1 22.7

71 31.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 5.855 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Tgt Ion: 70 Resp: 75285

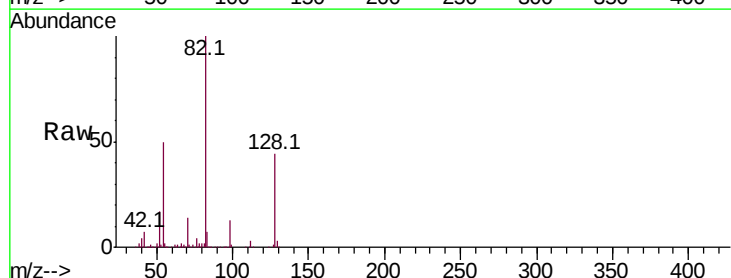
Ion Ratio Lower Upper

70 100

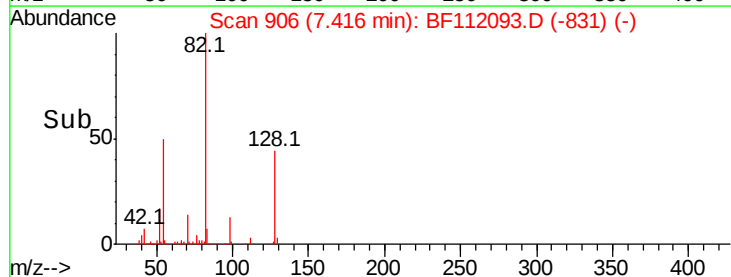
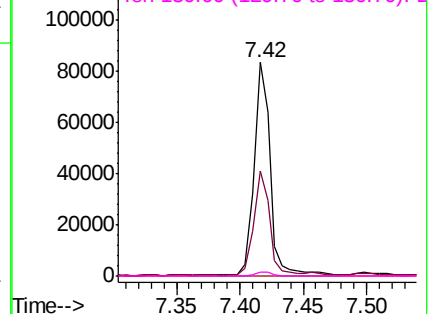
42 49.4 47.6 71.4

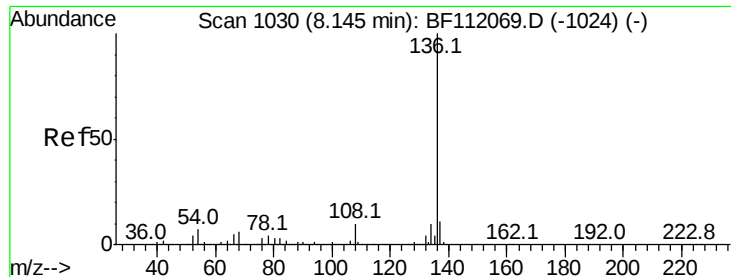
101 0.0 7.9 11.9#

130 2.1 18.4 27.6#



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): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:136 Resp: 1135181

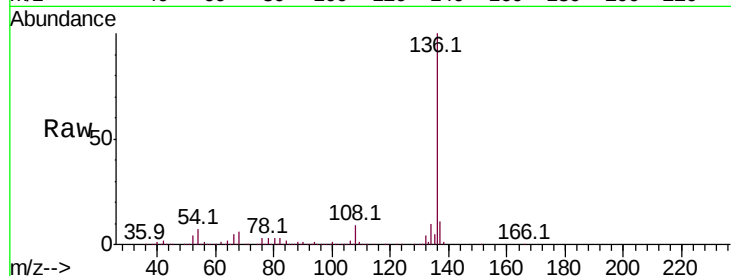
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.9 5.9 8.9

68 5.9 5.1 7.7

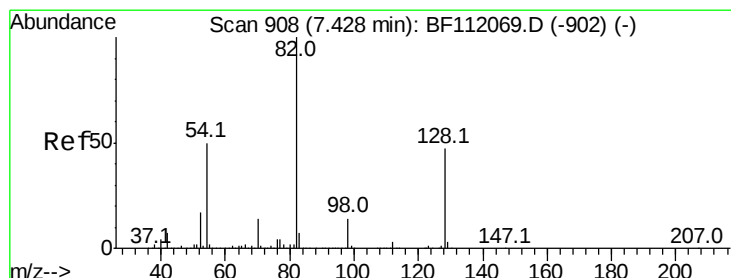
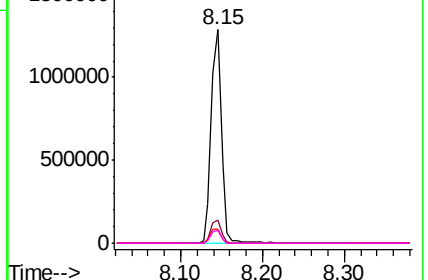
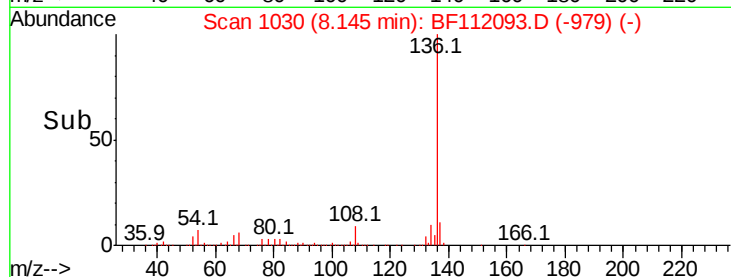


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 33.051 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

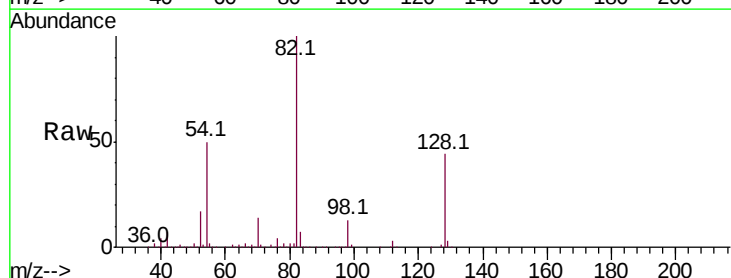
Tgt Ion: 82 Resp: 543047

Ion Ratio Lower Upper

82 100

128 44.2 37.8 56.8

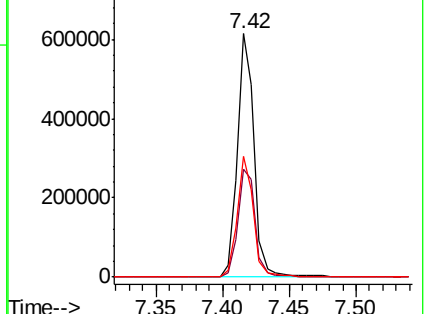
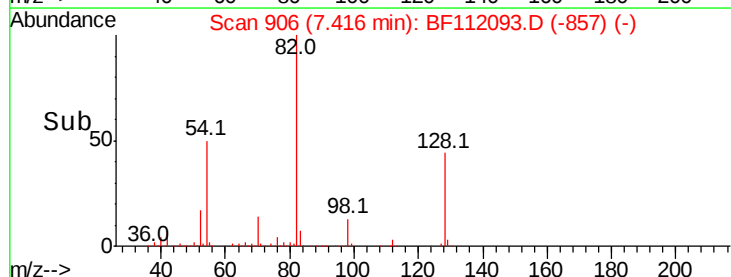
54 49.8 39.7 59.5

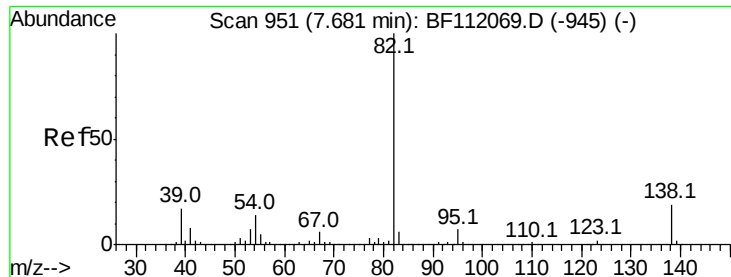


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 17.024 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_F

ClientSampleId :

COMP-5

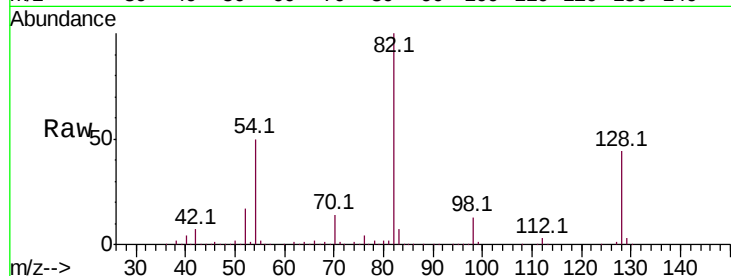
Tot Ion: 82 Resp: 540295

Ion Ratio Lower Upper

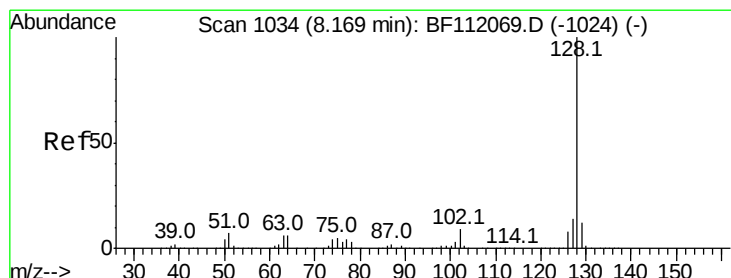
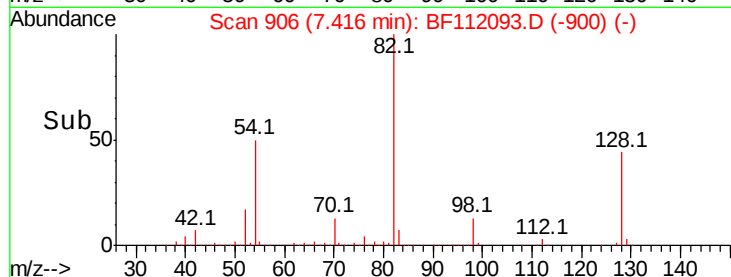
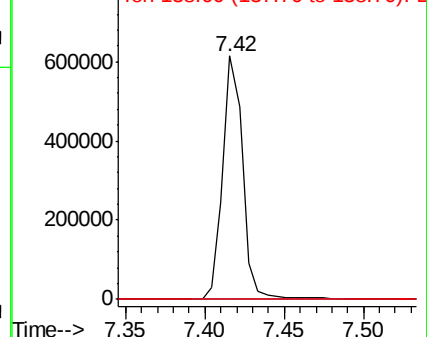
82 100

95 0.1 5.7 8.5#

138 0.0 15.4 23.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 2.436 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

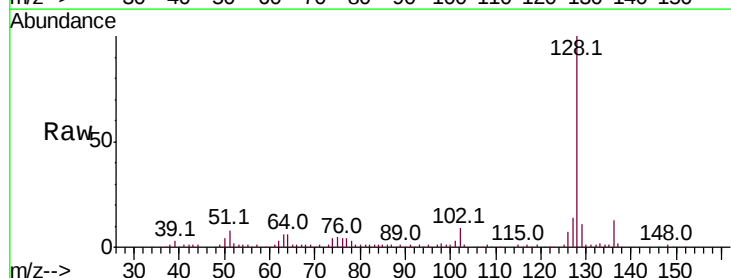
Tgt Ion: 128 Resp: 125789

Ion Ratio Lower Upper

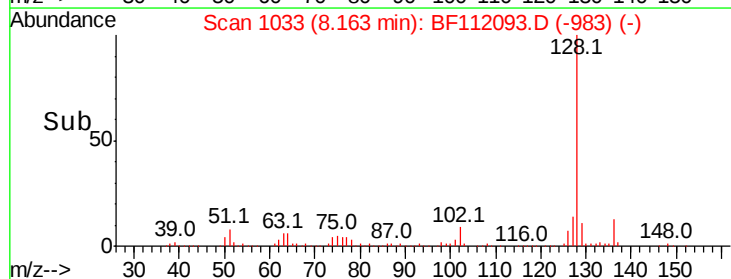
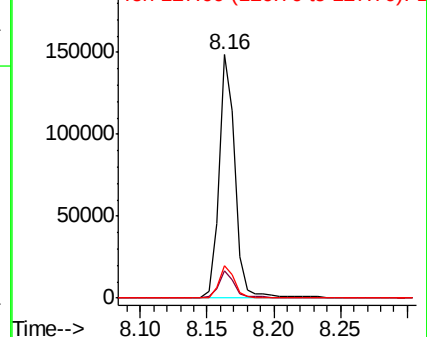
128 100

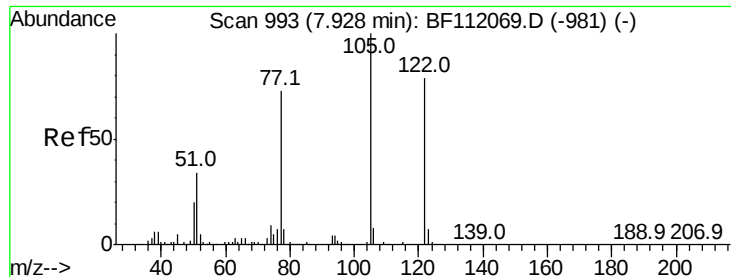
129 11.4 9.6 14.4

127 13.5 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: 7.573 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF112093.D

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ClientSampleId :

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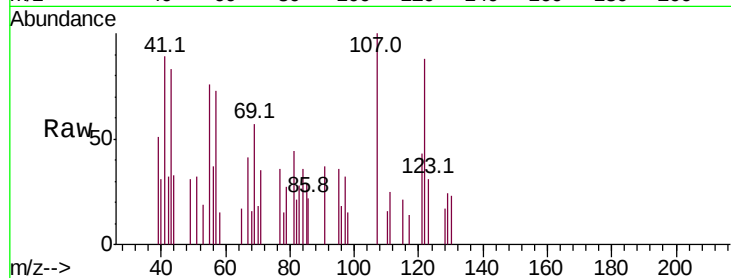
Tot Ion:122 Resp: 2487

Ion Ratio Lower Upper

122 100

105 0.0 101.2 141.2#

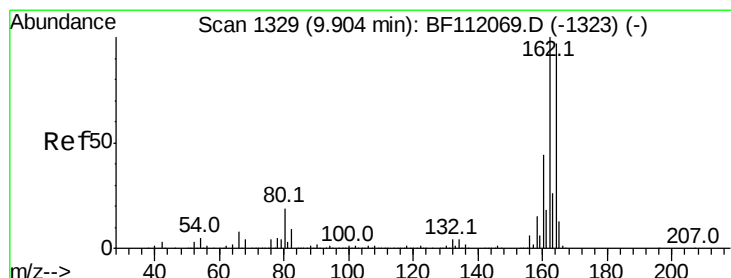
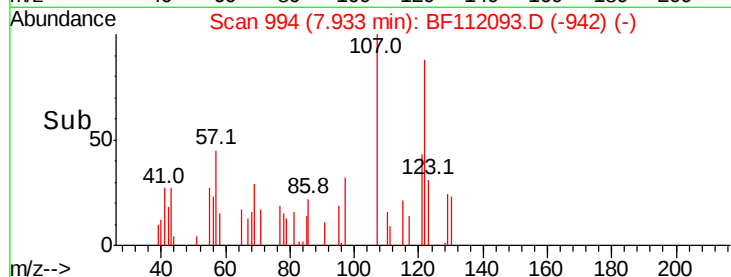
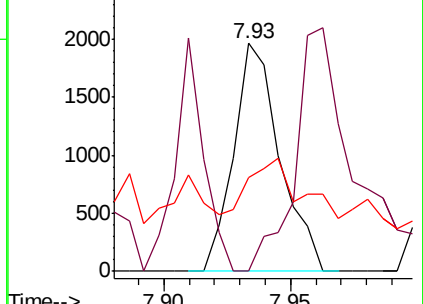
77 41.4 70.4 110.4#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

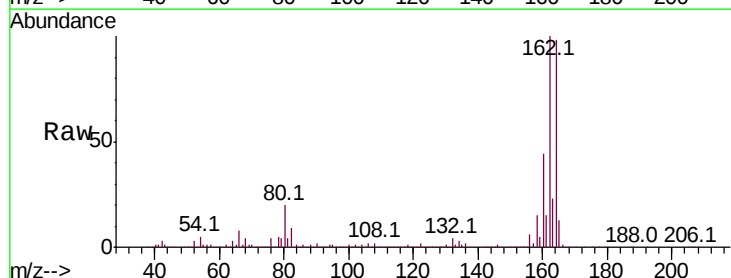
Tgt Ion:164 Resp: 488083

Ion Ratio Lower Upper

164 100

162 101.7 82.2 123.4

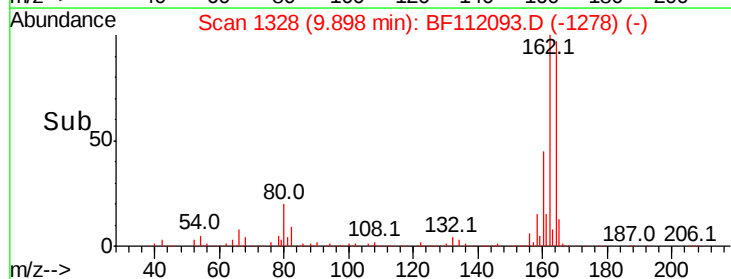
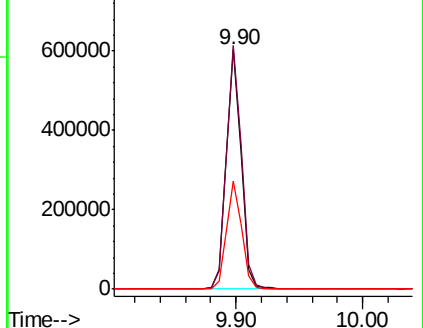
160 45.2 36.2 54.4

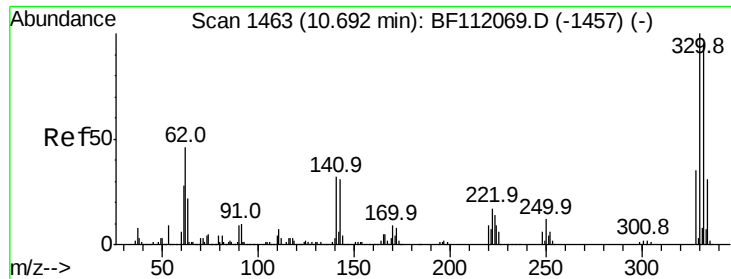


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

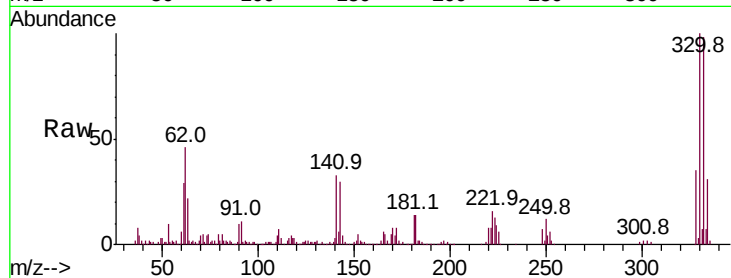




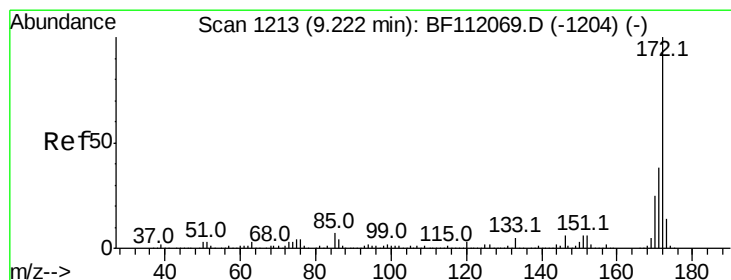
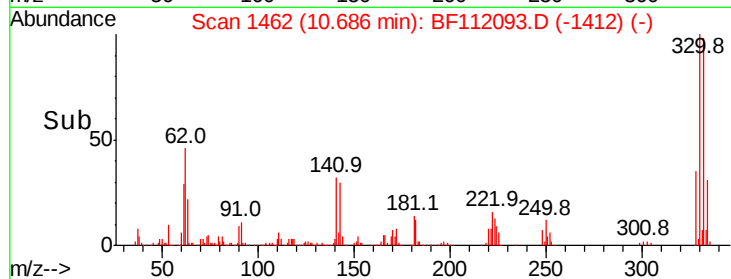
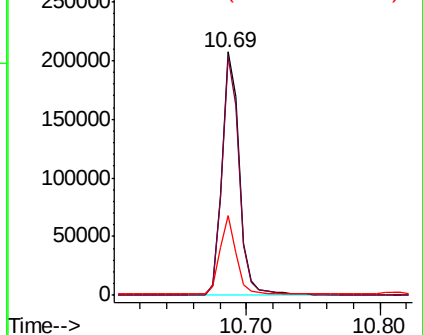
#42
 2,4,6-Tribromophenol
 Concen: 36.641 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112093.D
 Acq: 17 Jan 2019 16:59

Instrument :
 BNA_F
 ClientSampled :
 COMP-5

Tot Ion:330 Resp: 192930
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 30.7 24.3 36.5

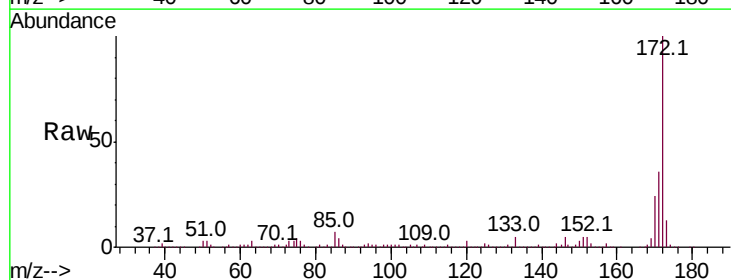


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

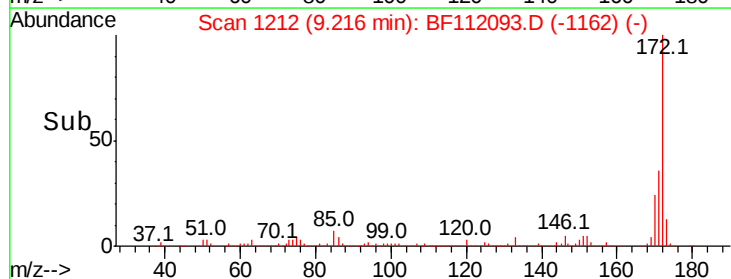
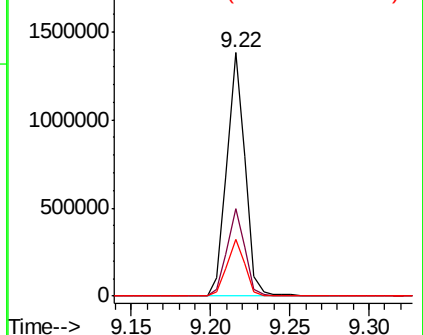


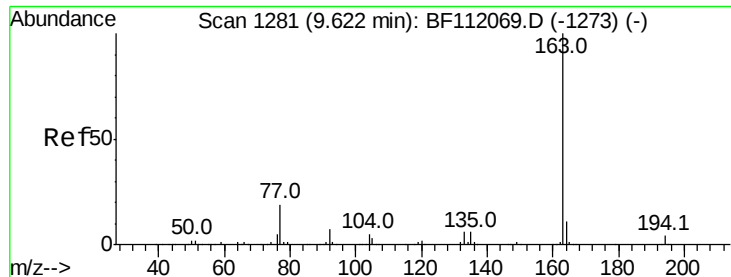
#45
 2-Fluorobiphenyl
 Concen: 33.272 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF112093.D
 Acq: 17 Jan 2019 16:59

Tgt Ion:172 Resp: 1107657
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.5 45.7
 170 23.5 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: 2.215 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_F

ClientSampleId :

COMP-5

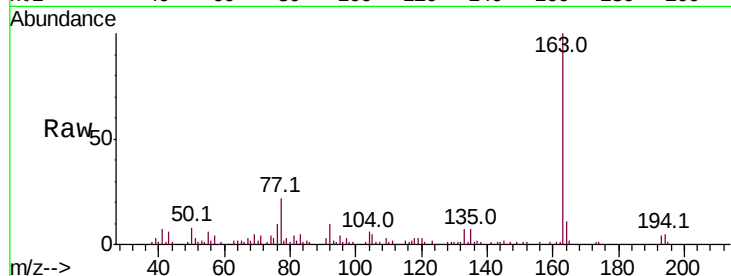
Tot Ion:163 Resp: 78859

Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

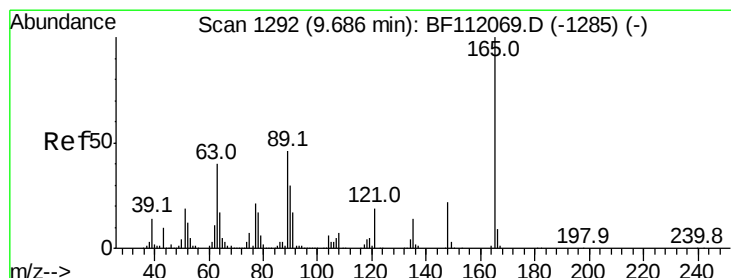
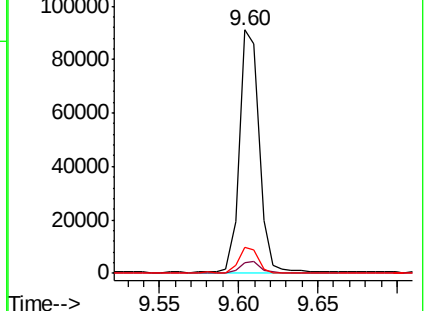
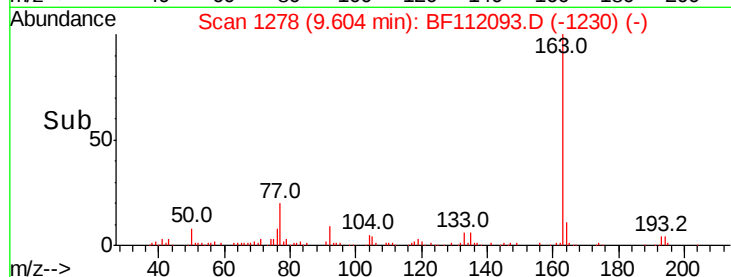
164 10.8 8.5 12.7



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: 9.399 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.21 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

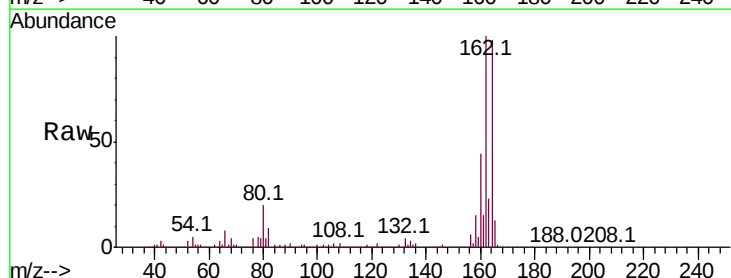
Tgt Ion:165 Resp: 66815

Ion Ratio Lower Upper

165 100

63 1.2 33.8 50.8#

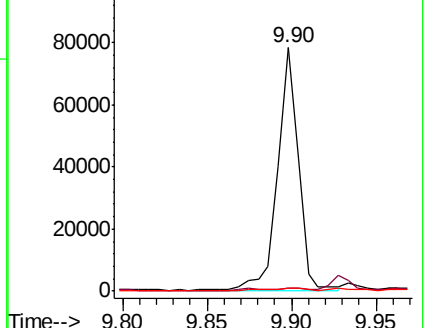
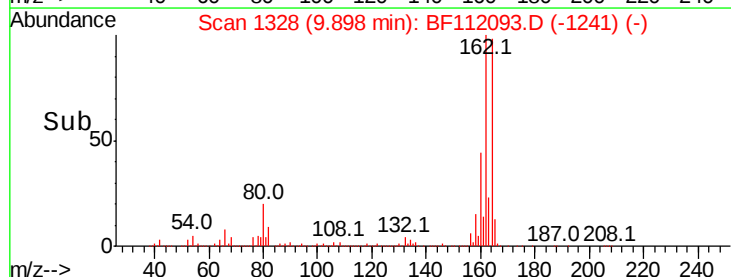
89 1.3 36.9 55.3#

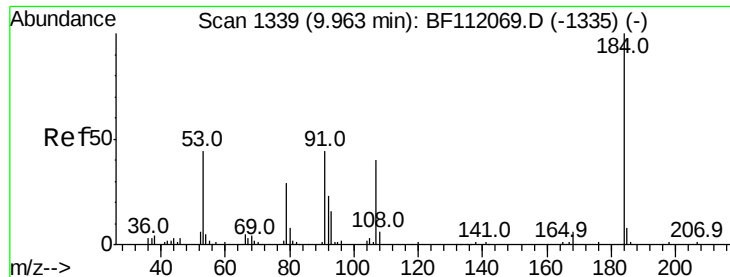


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

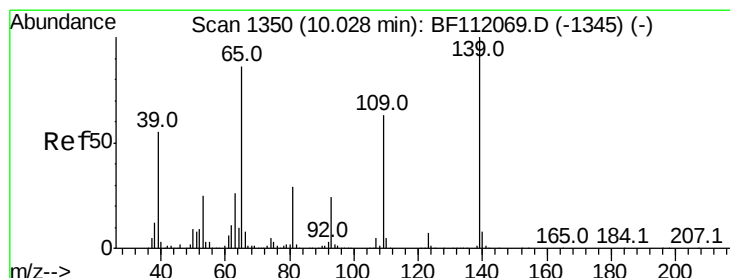
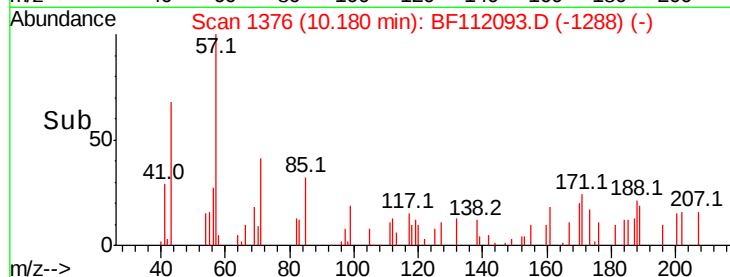
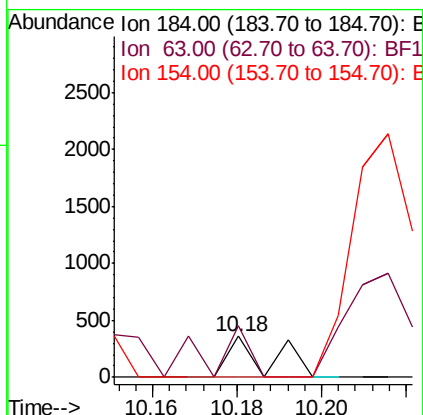
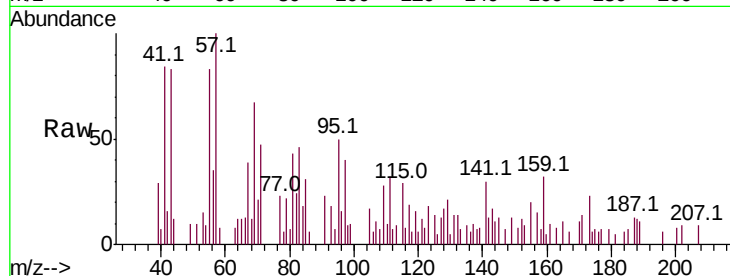




#54
2,4-Dinitrophenol
Concen: 7.904 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.22 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

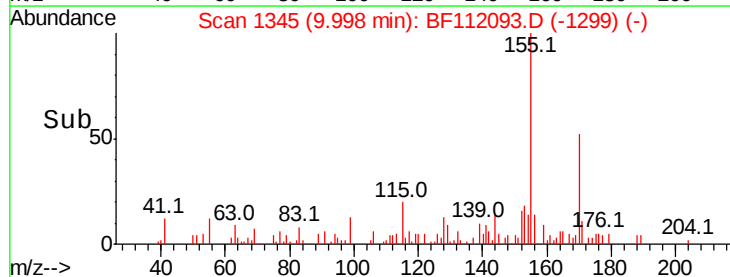
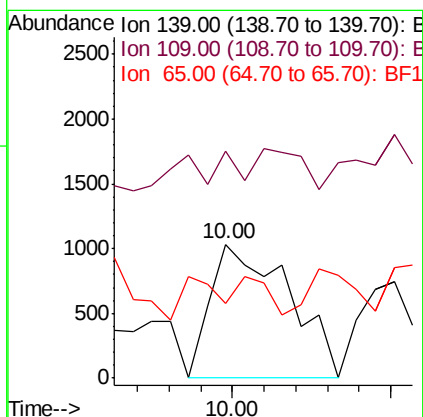
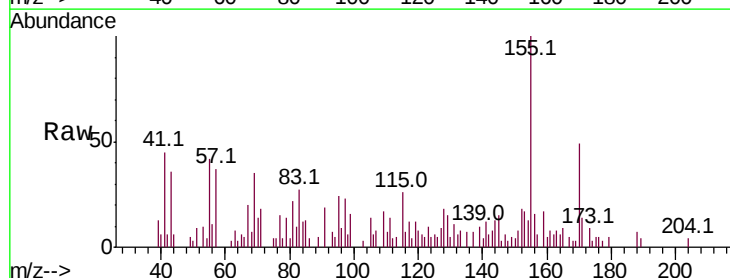
Instrument :
BNA_F
ClientSampled :
COMP-5

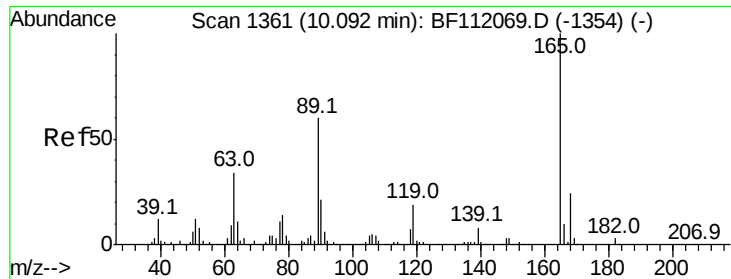
Tot Ion:184 Resp: 242
Ion Ratio Lower Upper
184 100
63 125.8 47.1 70.7#
154 0.0 48.9 73.3#



#56
4-Nitrophenol
Concen: 5.943 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.03 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Tgt Ion:139 Resp: 1763
Ion Ratio Lower Upper
139 100
109 169.6 42.8 82.8#
65 56.4 66.1 106.1#

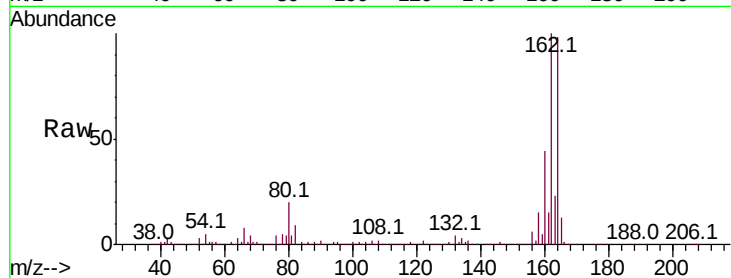




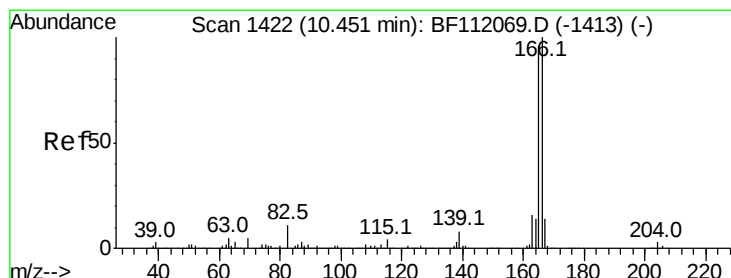
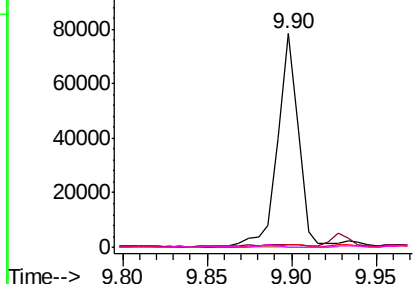
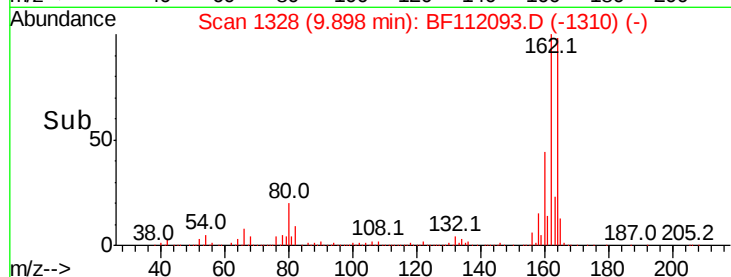
#57
 2,4-Dinitrotoluene
 Concen: 11.205 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.19 min
 Lab File: BF112093.D
 Acq: 17 Jan 2019 16:59

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Tot Ion:165	Resp:	66815
Ion Ratio	Lower	Upper
165	100	
63	1.2	27.9 41.9#
89	1.3	47.9 71.9#
182	0.0	2.2 3.4#

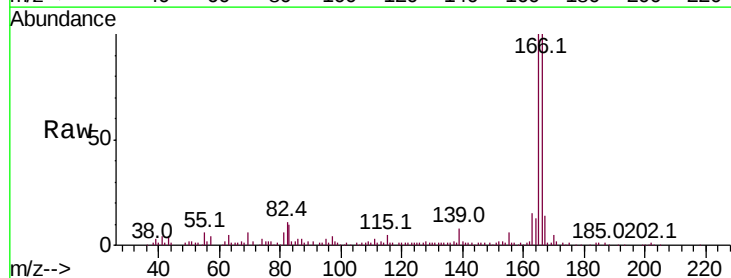


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

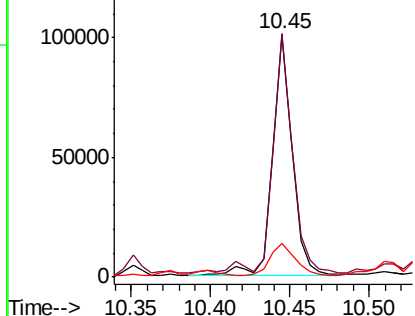
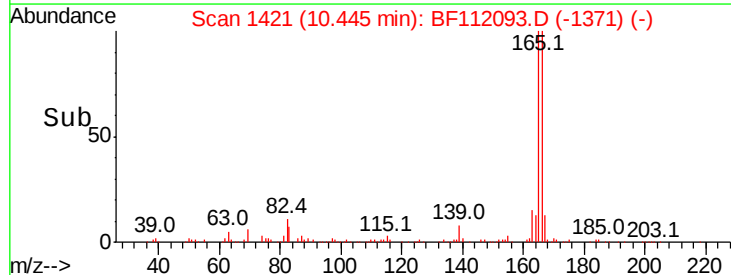


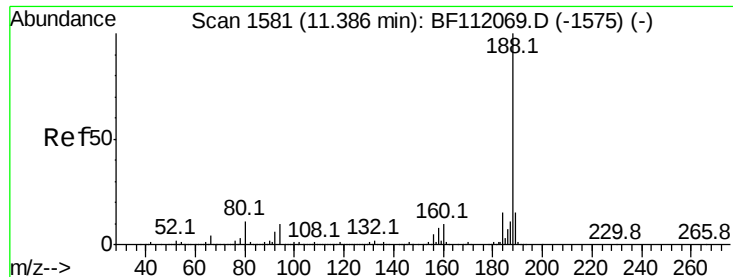
#58
 Fluorene
 Concen: 2.742 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF112093.D
 Acq: 17 Jan 2019 16:59

Tgt Ion:166	Resp:	88357
Ion Ratio	Lower	Upper
166	100	
165	100.2	77.1 115.7
167	13.8	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: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_F

ClientSampleId :

COMP-5

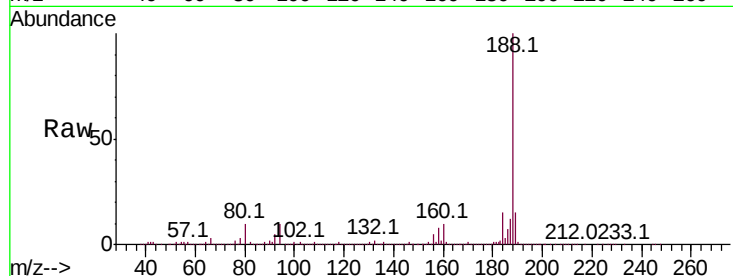
Tot Ion:188 Resp: 789094

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.2

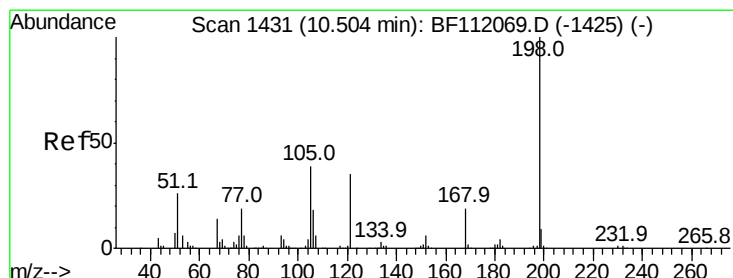
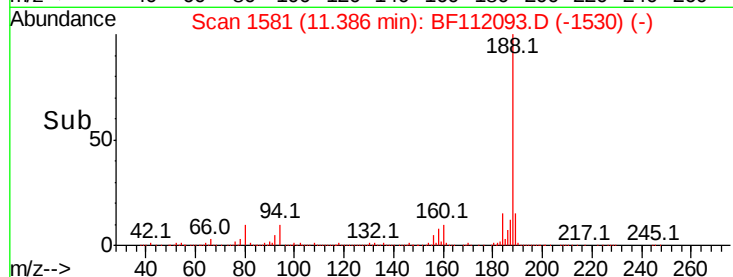
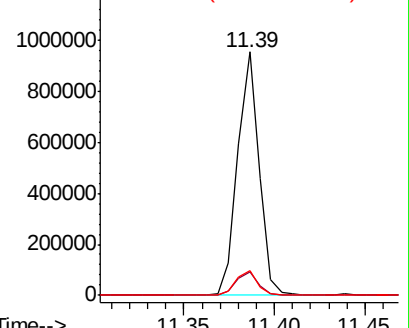
80 10.0 8.9 13.3



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: 10.095 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.14 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

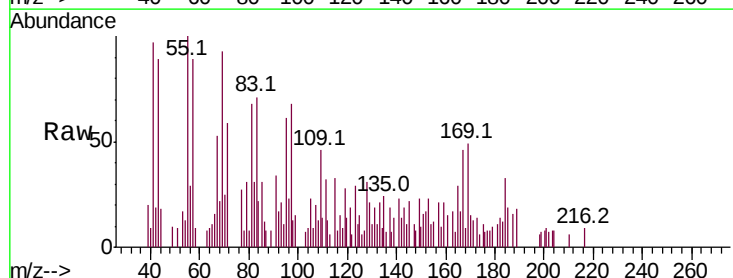
Tgt Ion:198 Resp: 107

Ion Ratio Lower Upper

198 100

51 150.0 17.2 57.2#

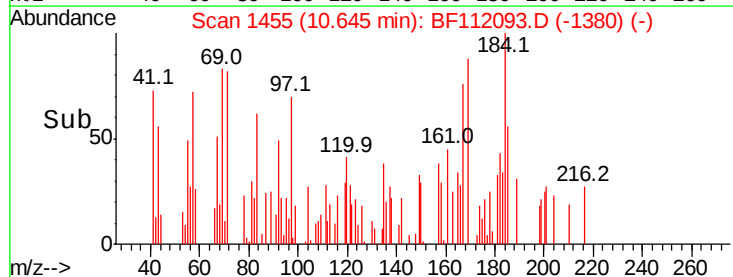
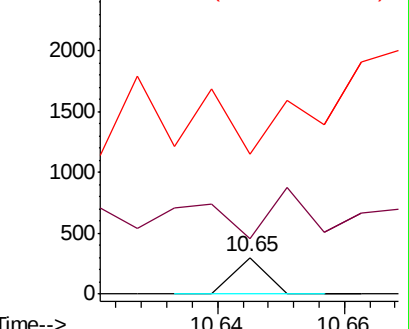
105 379.5 21.9 61.9#

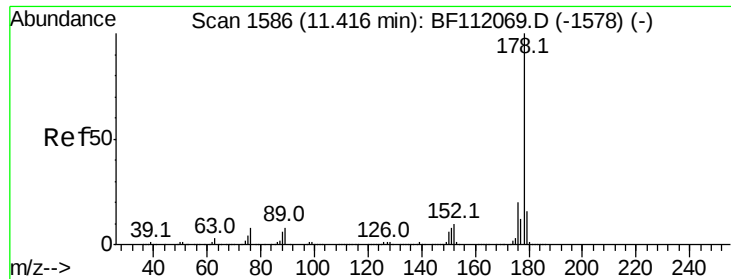


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#71

Phenanthrene

Concen: 20.344 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_F

ClientSampleId :

COMP-5

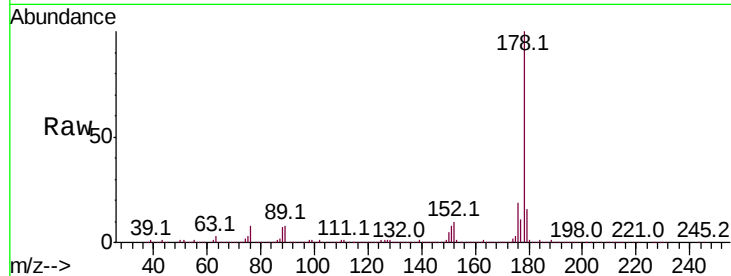
Tot Ion:178 Resp: 807887

Ion Ratio Lower Upper

178 100

176 19.0 16.3 24.5

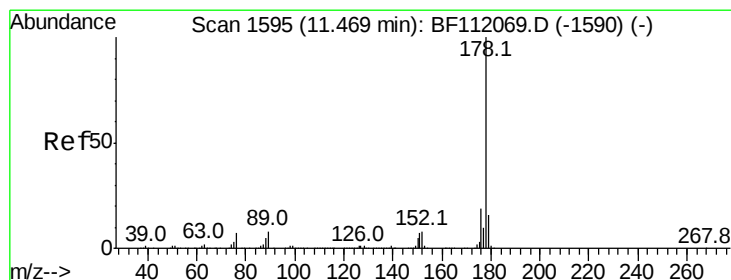
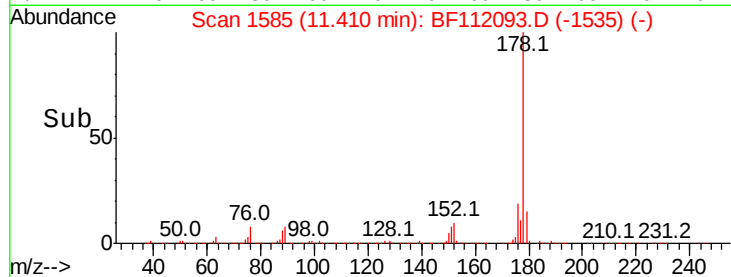
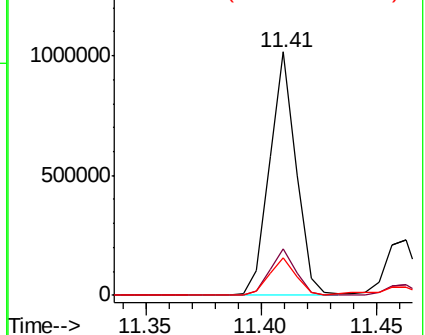
179 15.5 13.0 19.4



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: 5.000 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

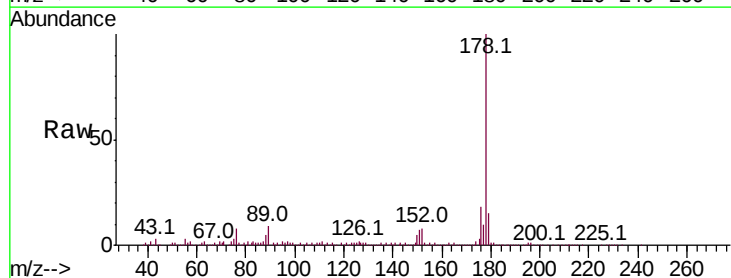
Tgt Ion:178 Resp: 201158

Ion Ratio Lower Upper

178 100

176 18.3 15.5 23.3

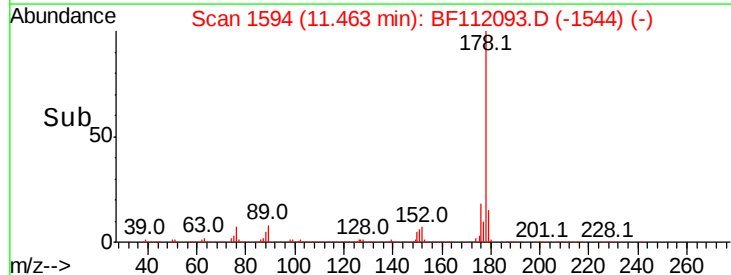
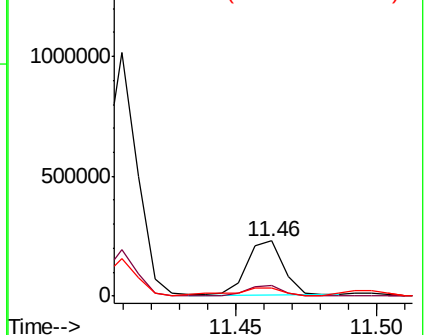
179 15.4 12.8 19.2

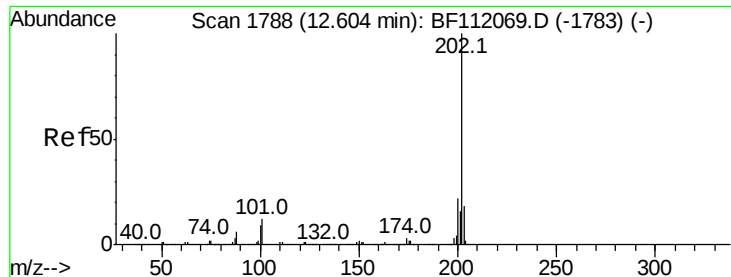


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 27.635 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_F

ClientSampleId :

COMP-5

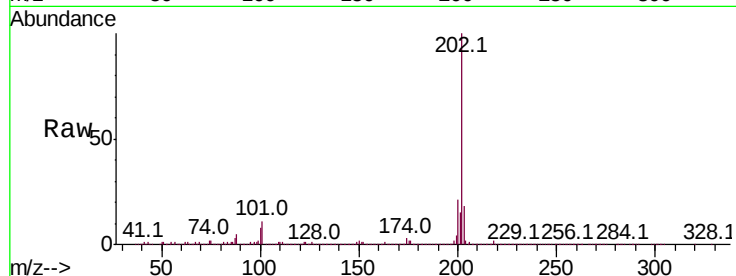
Tot Ion:202 Resp: 1158694

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.8

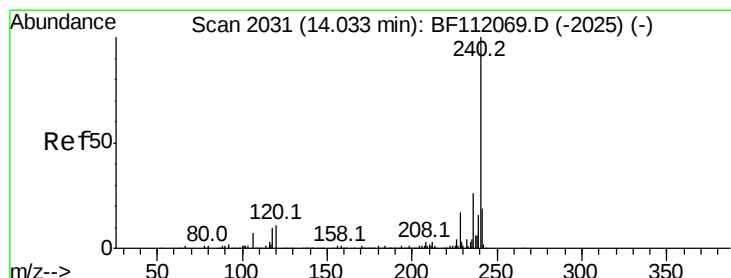
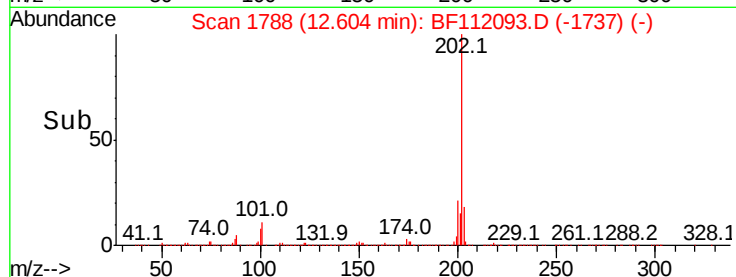
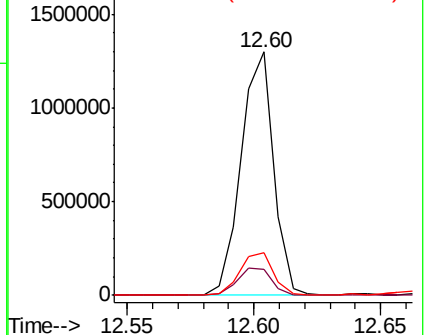
203 17.7 0.0 38.4



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

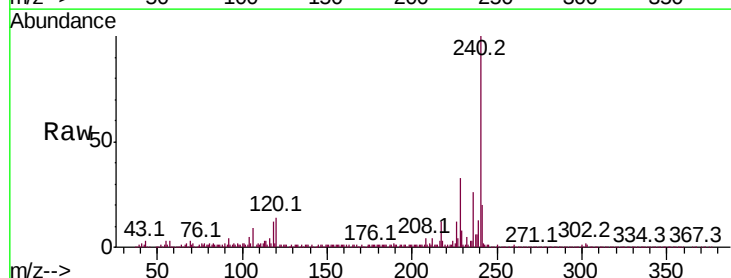
Tgt Ion:240 Resp: 690394

Ion Ratio Lower Upper

240 100

120 13.9 9.0 13.6#

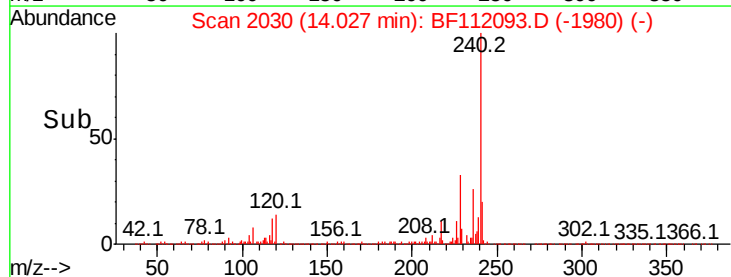
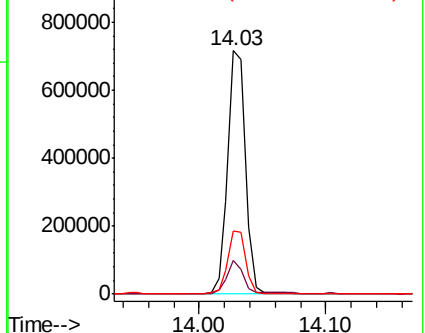
236 25.8 20.7 31.1

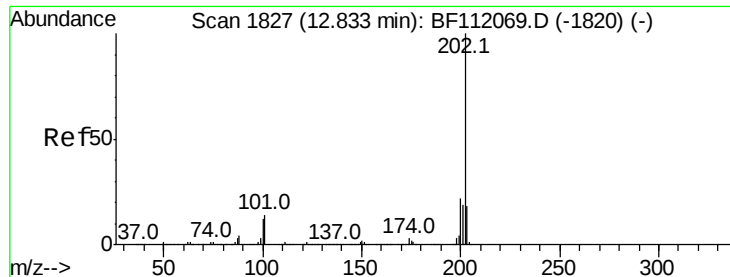


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 23.735 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_F

ClientSampleId :

COMP-5

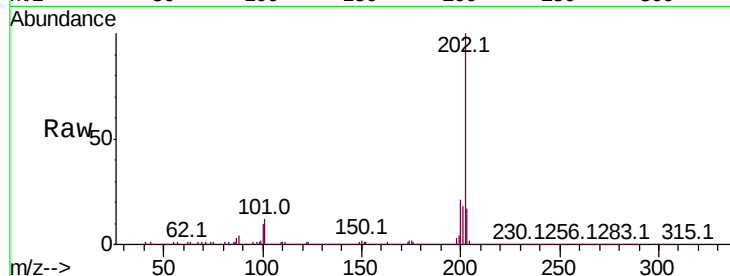
Tot Ion:202 Resp: 1081094

Ion Ratio Lower Upper

202 100

200 20.8 17.7 26.5

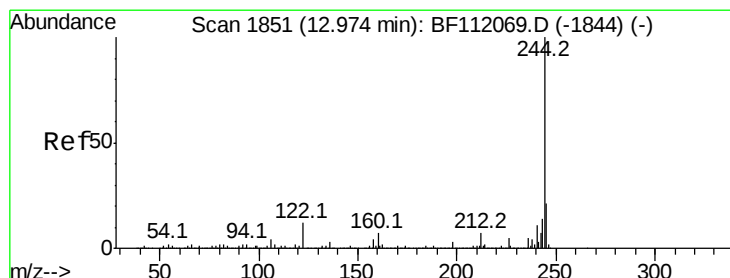
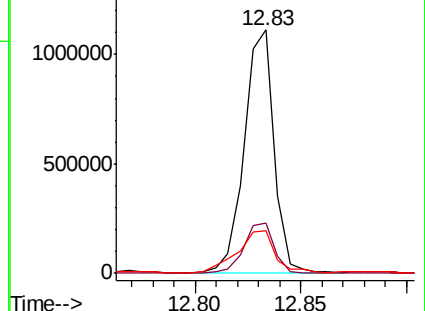
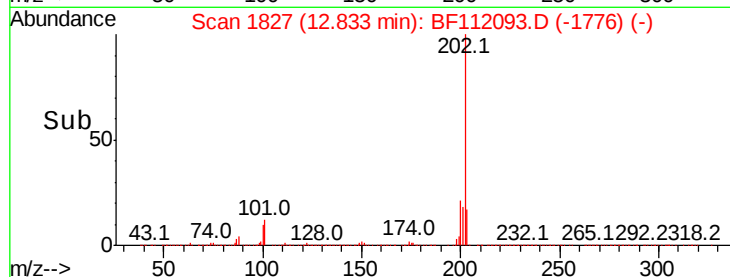
203 17.5 14.6 22.0



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: 28.241 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

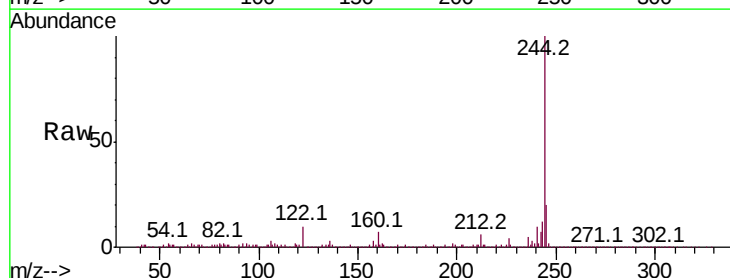
Tgt Ion:244 Resp: 916492

Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

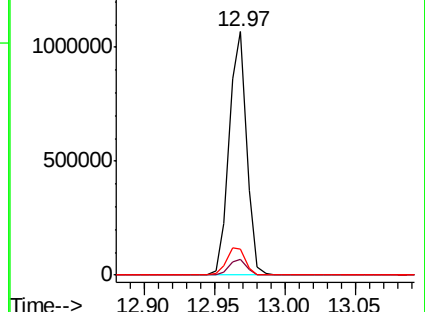
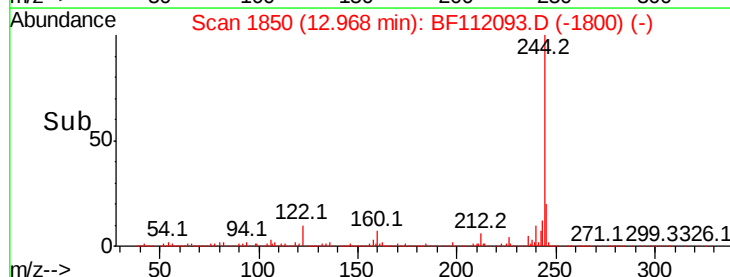
122 10.4 9.8 14.6

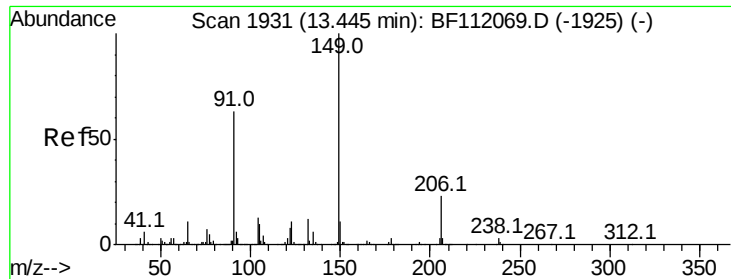


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

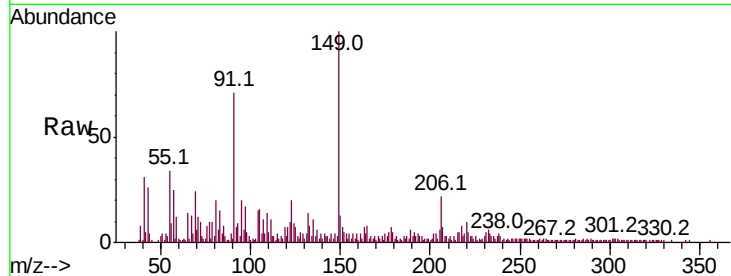




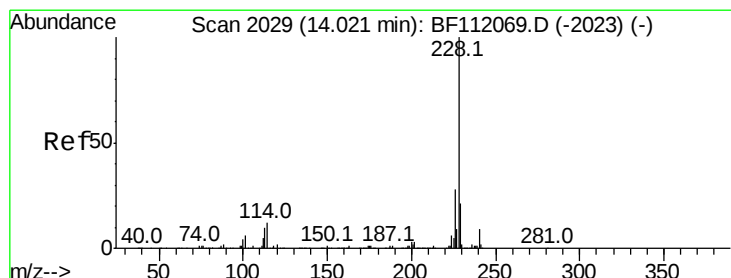
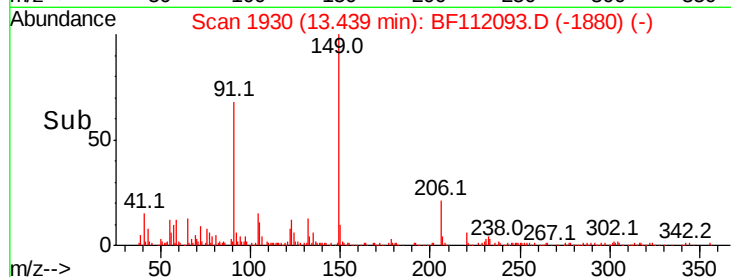
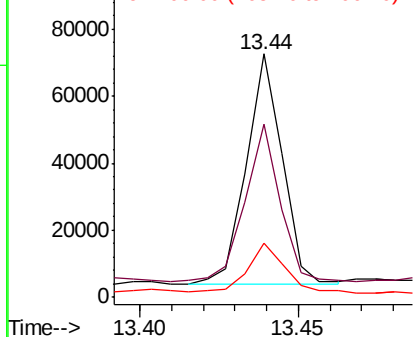
#80
Butylbenzylphthalate
Concen: 2.690 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.9	50.3	75.5
206	22.3	18.2	27.4

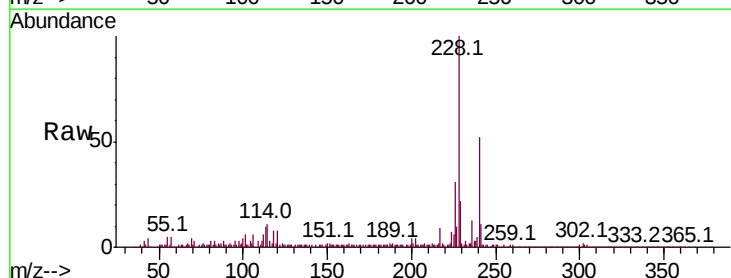


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

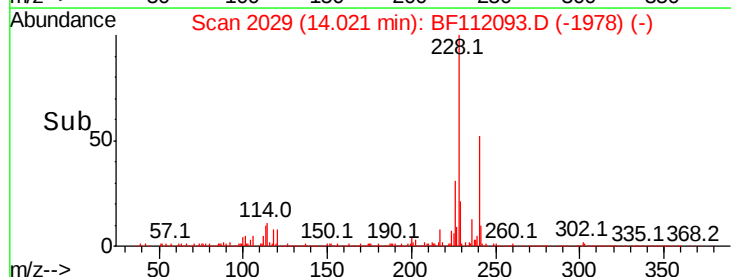
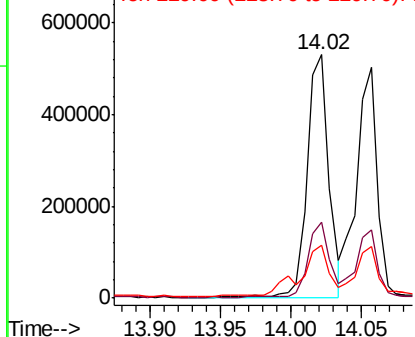


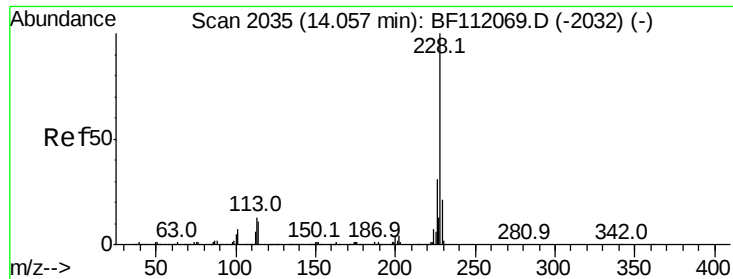
#81
Benzo(a)anthracene
Concen: 14.016 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	34.0
229	21.6	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: 13.621 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_F

ClientSampleId :

COMP-5

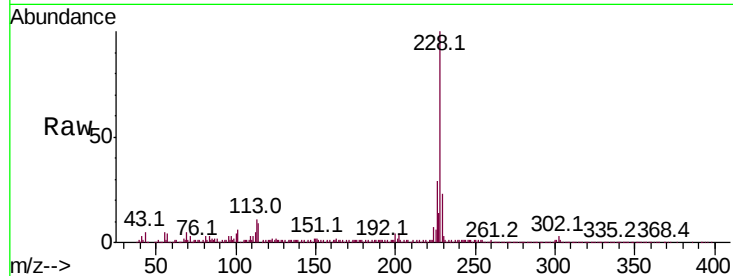
Tot Ion:228 Resp: 510181

Ion Ratio Lower Upper

228 100

226 29.4 25.0 37.6

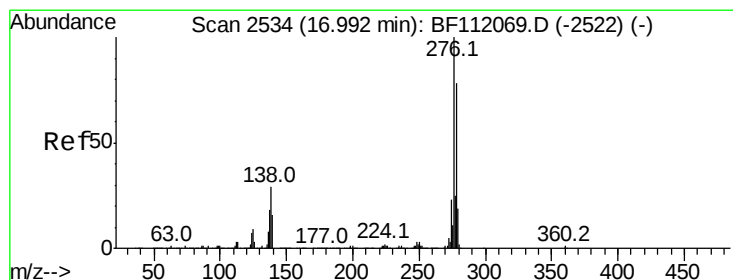
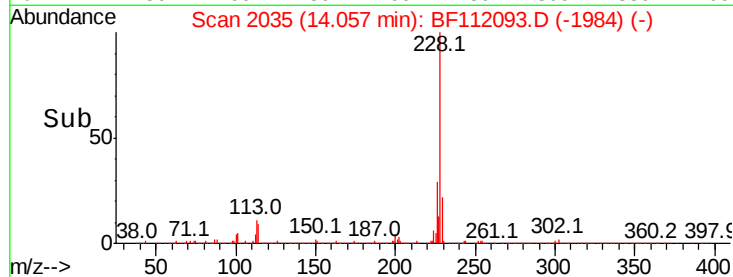
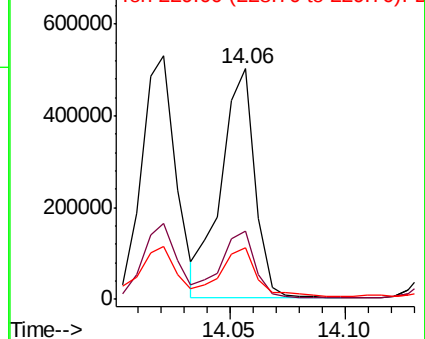
229 22.5 16.6 24.8



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: 5.912 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

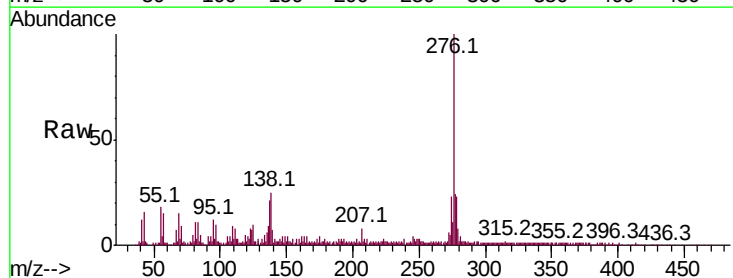
Tgt Ion:276 Resp: 204307

Ion Ratio Lower Upper

276 100

138 23.4 22.6 34.0

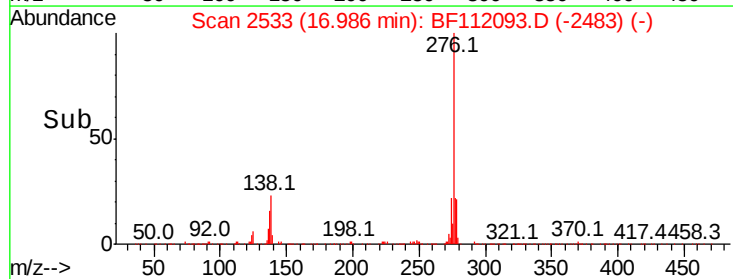
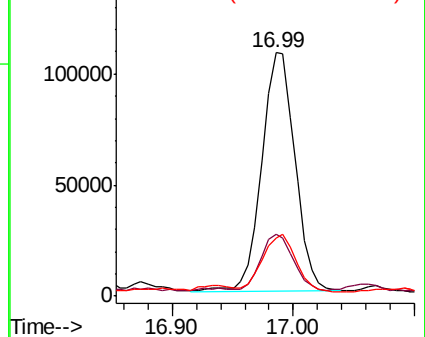
277 24.6 20.3 30.5

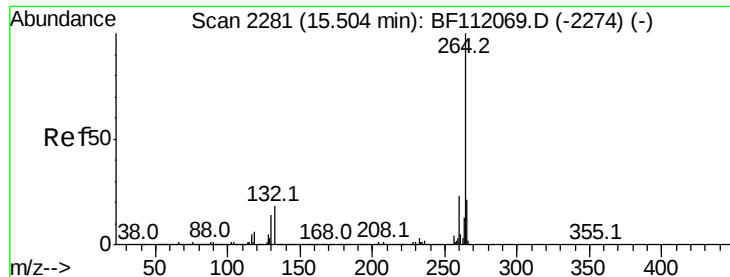


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

Instrument :

BNA_F

ClientSampleId :

COMP-5

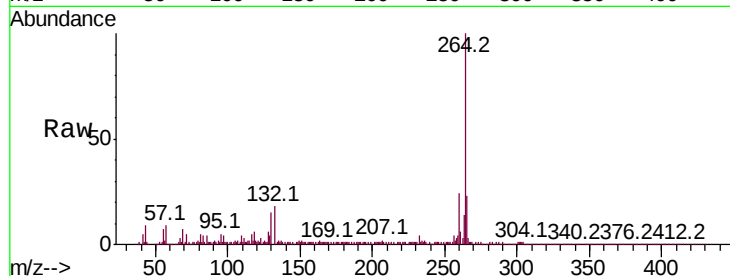
Tot Ion:264 Resp: 551134

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.2

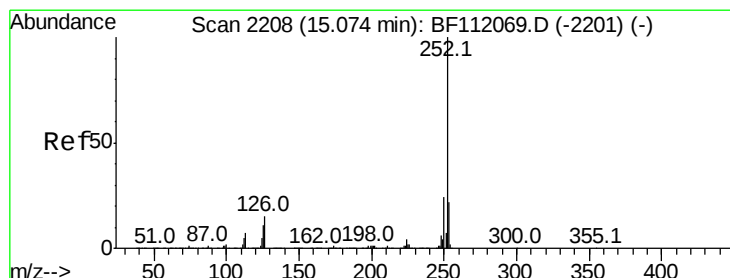
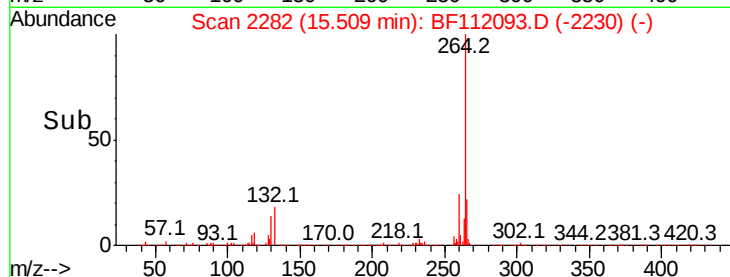
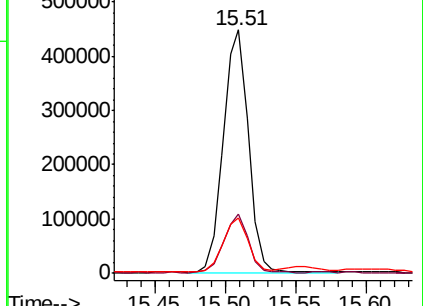
265 22.8 17.0 25.4



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: 23.380 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BF112093.D

Acq: 17 Jan 2019 16:59

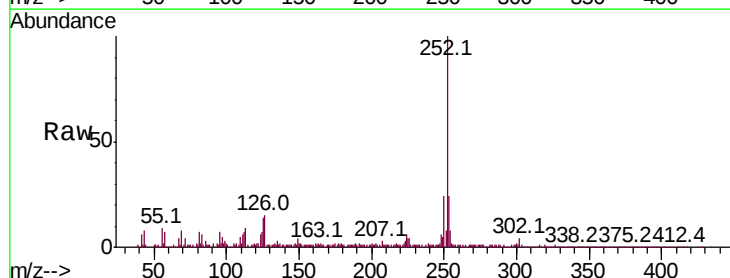
Tgt Ion:252 Resp: 731432

Ion Ratio Lower Upper

252 100

253 24.2 18.0 27.0

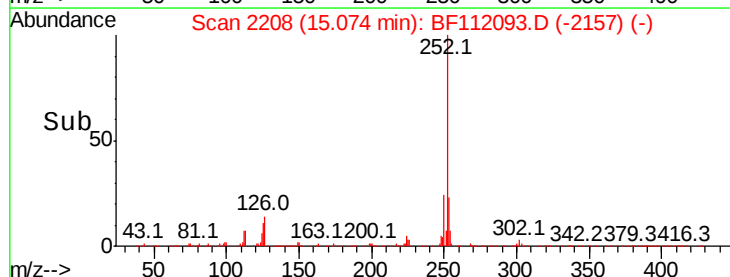
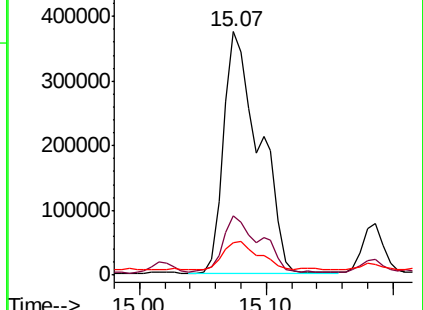
125 13.6 8.7 13.1#

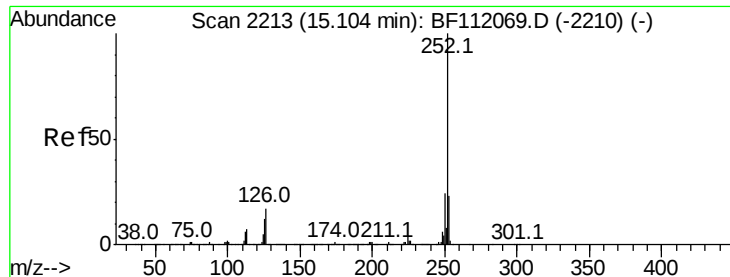


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

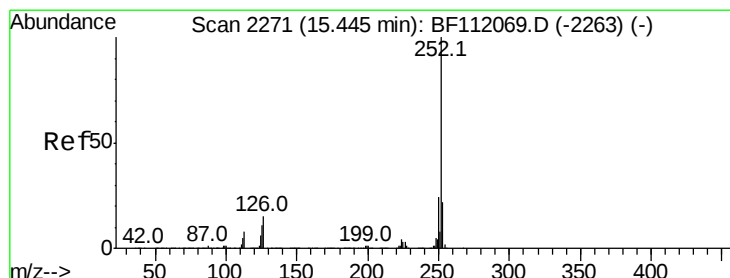
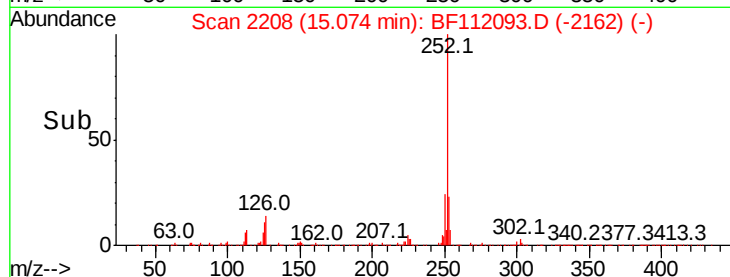
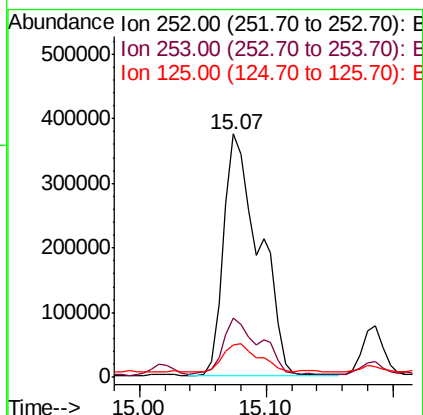
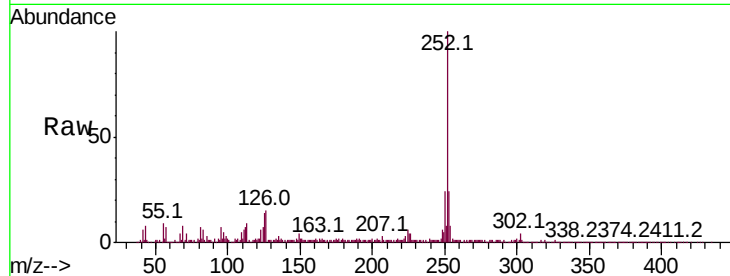




#89
Benzo(k)fluoranthene
Concen: 24.156 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.03 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

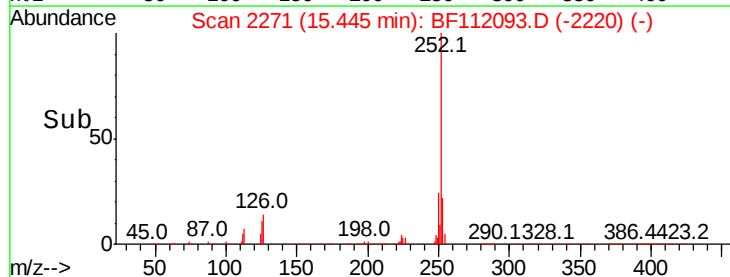
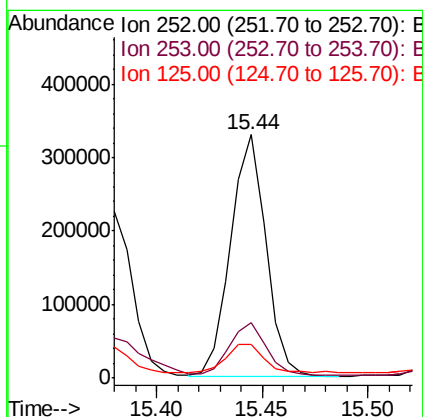
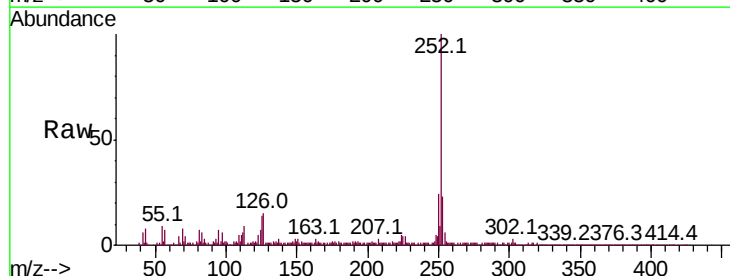
Instrument :
BNA_F
ClientSampleId :
COMP-5

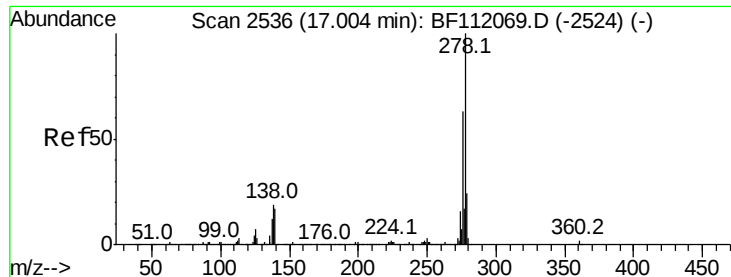
Tot Ion:252 Resp: 731432
Ion Ratio Lower Upper
252 100
253 24.2 18.0 27.0
125 13.6 9.1 13.7



#90
Benzo(a)pyrene
Concen: 13.203 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Tgt Ion:252 Resp: 378796
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 13.7 9.0 13.4#

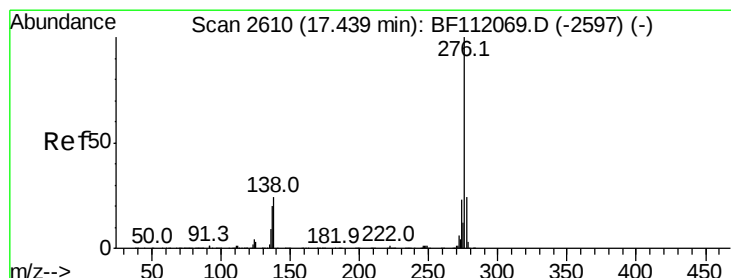
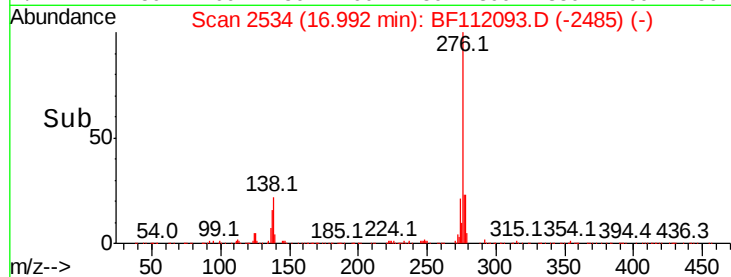
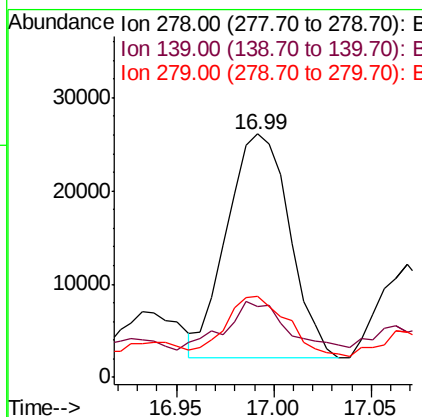
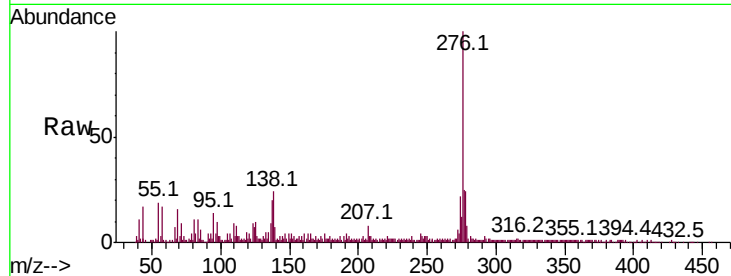




#91
Dibenzo(a,h)anthracene
Concen: 2.097 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Instrument :
BNA_F
ClientSampleId :
COMP-5

Tot Ion:278 Resp: 53425
Ion Ratio Lower Upper
278 100
139 29.1 13.7 20.5#
279 33.3 19.0 28.6#



#92
Benzo(g,h,i)perylene
Concen: 7.476 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.00 min
Lab File: BF112093.D
Acq: 17 Jan 2019 16:59

Tgt Ion:276 Resp: 187673
Ion Ratio Lower Upper
276 100
277 25.5 19.4 29.0
138 24.4 19.1 28.7

