

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101362.D
 Acq On : 13 Dec 2017 6:51
 Operator : SJ/JU
 Sample : I6764-10 2X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 08:33:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	42524	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	152847	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	60291	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	107383	20.00	ng	0.00
75) Chrysene-d12	14.02	240	80893	20.00	ng	0.01
86) Perylene-d12	15.50	264	65345	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	129082	50.16	ng	0.00
7) Phenol-d6	6.46	99	150244	48.09	ng	0.00
23) Nitrobenzene-d5	7.39	82	79253	30.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	29567	40.82	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	172382	39.12	ng	0.00
78) Terphenyl-d14	12.94	244	151967	41.09	ng	0.00

Target Compounds

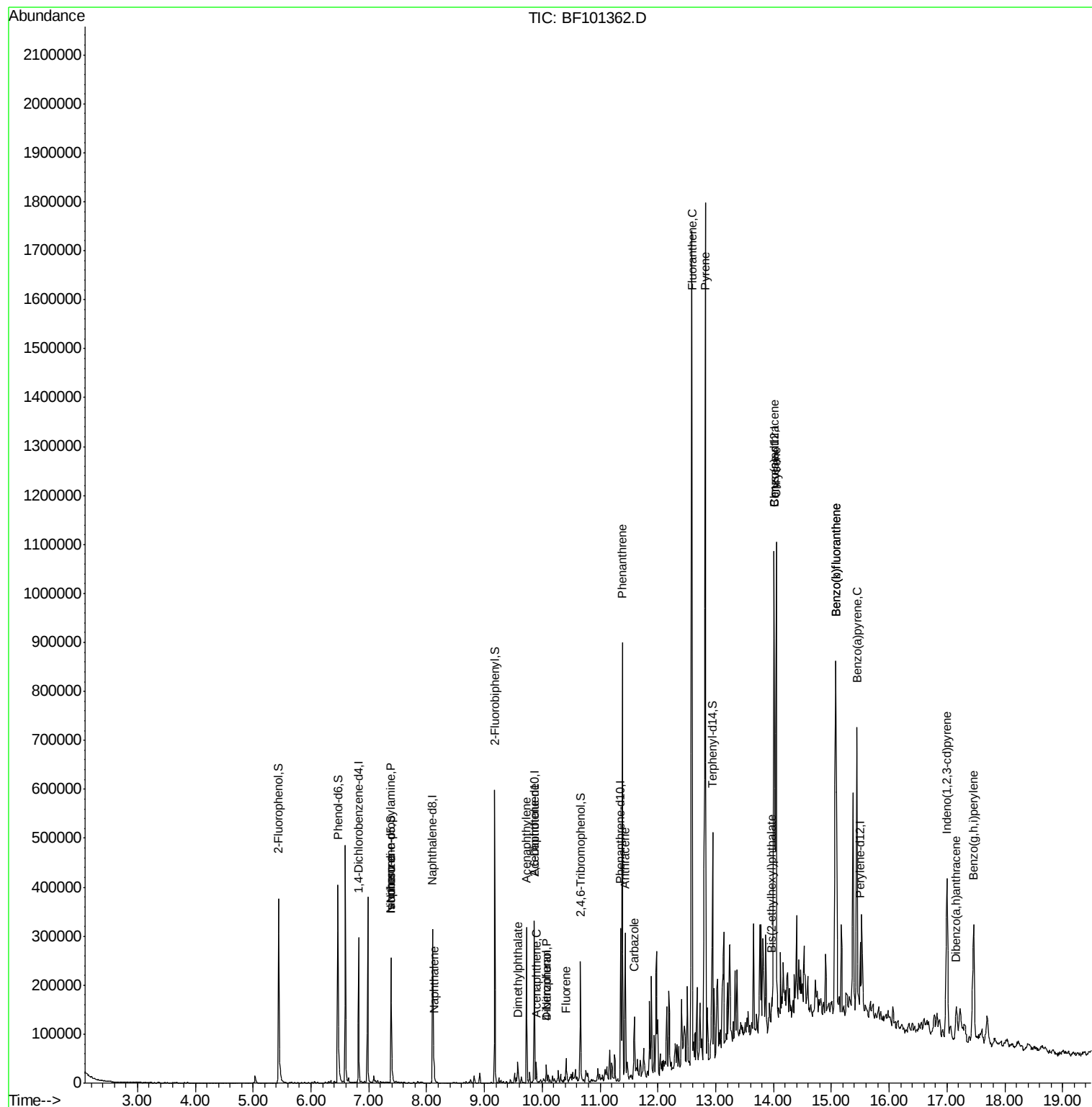
						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	9965	4.736	ng	# 88
25) Isophorone	7.39	82	79253	18.108	ng	# 64
31) Naphthalene	8.13	128	20167	2.677	ng	100
48) Acenaphthylene	9.73	152	132289	20.520	ng	98
49) Dimethylphthalate	9.57	163	15455	3.179	ng	98
50) 2,6-Dinitrotoluene	9.86	165	8085	7.895	ng	# 24
51) Acenaphthene	9.90	154	9521	2.466	ng	97
54) Dibenzofuran	10.07	168	11826	2.126	ng	# 97
55) 4-Nitrophenol	10.07	139	4440	5.716	ng	# 9
57) Fluorene	10.42	166	16926	3.743	ng	97
70) Phenanthrene	11.39	178	337715	57.109	ng	98
71) Anthracene	11.43	178	112871	18.859	ng	99
72) Carbazole	11.59	167	42283	7.732	ng	99
74) Fluoranthene	12.59	202	853443	130.196	ng	93
77) Pyrene	12.82	202	811117	145.313	ng	99
80) Benzo(a)anthracene	14.01	228	387590	75.887	ng	94
82) Chrysene	14.04	228	386917	81.570	ng	97
83) Bis(2-ethylhexyl)phthalate	13.97	149	16371	4.665	ng	# 97
85) Indeno(1,2,3-cd)pyrene	17.00	276	206703	49.016	ng	# 86
87) Benzo(b)fluoranthene	15.07	252	584941	149.449	ng	97
88) Benzo(k)fluoranthene	15.07	252	584941	151.690	ng	97
89) Benzo(a)pyrene	15.44	252	298580	83.911	ng	96
90) Dibenzo(a,h)anthracene	17.16	278	38427	12.250	ng	94
91) Benzo(g,h,i)perylene	17.46	276	205651	69.563	ng	# 91

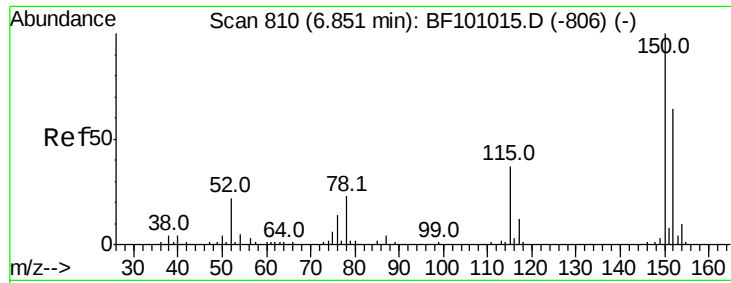
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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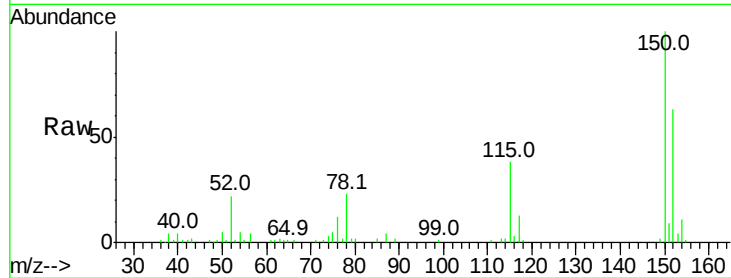


#1

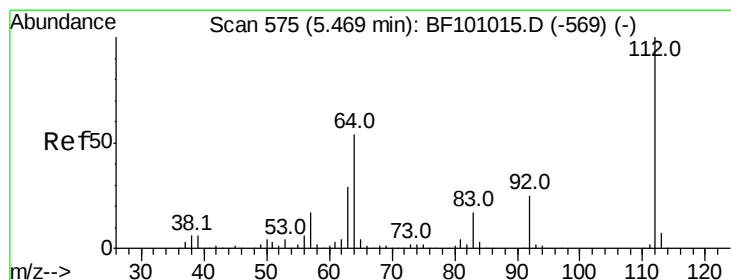
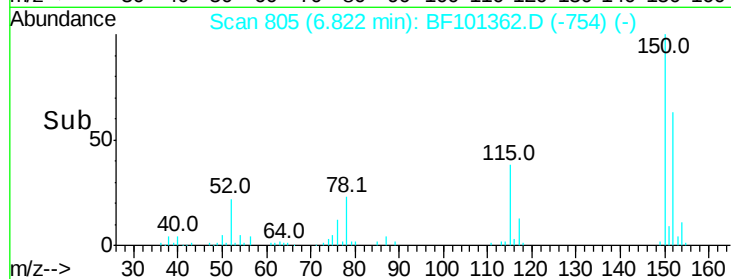
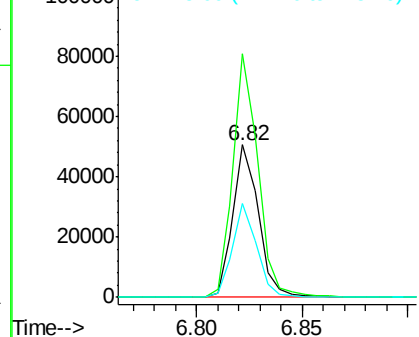
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 42524
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 61.3 50.1 75.1



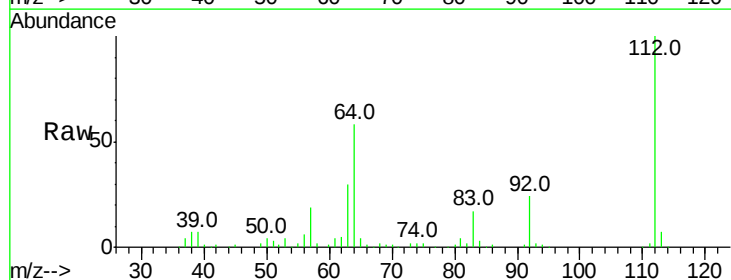
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



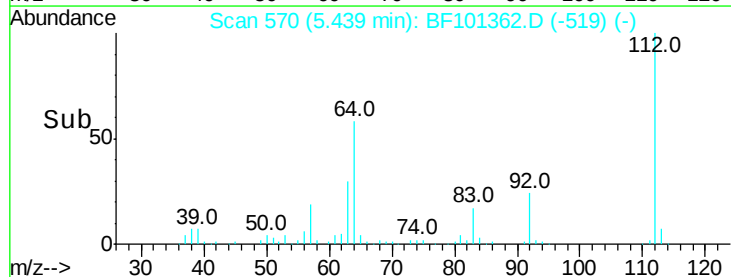
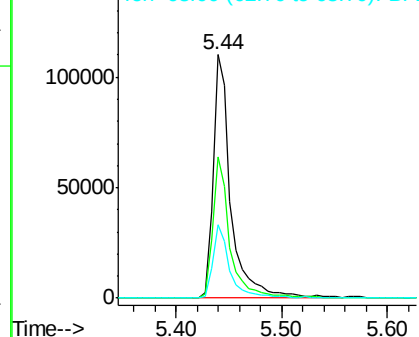
#5

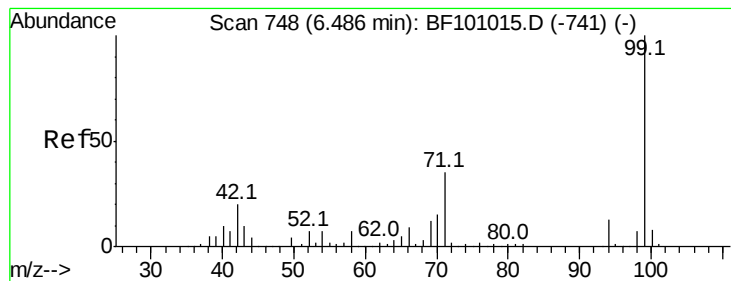
2-Fluorophenol
Concen: 50.160 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:112 Resp: 129082
Ion Ratio Lower Upper
112 100
64 57.9 47.9 71.9
63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 48.088 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

Instrument :

BNA_F

ClientSampled :

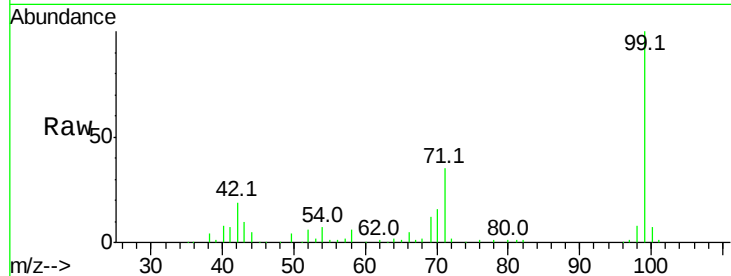
Tot Ion: 99 Resp: 150244

Ion Ratio Lower Upper

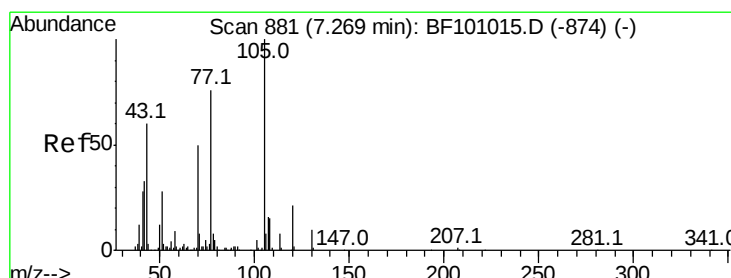
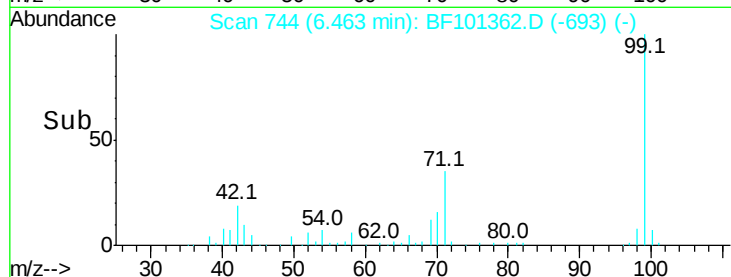
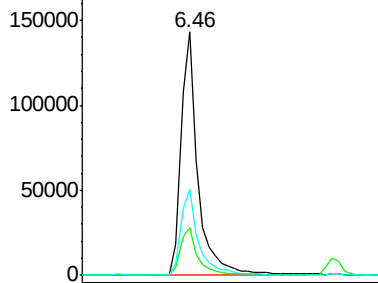
99 100

42 19.4 14.5 21.7

71 35.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 4.736 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

Tgt Ion: 70 Resp: 9965

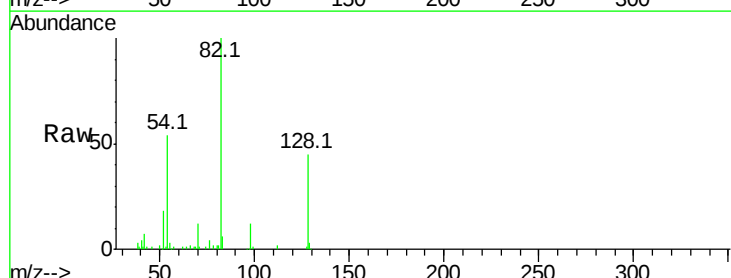
Ion Ratio Lower Upper

70 100

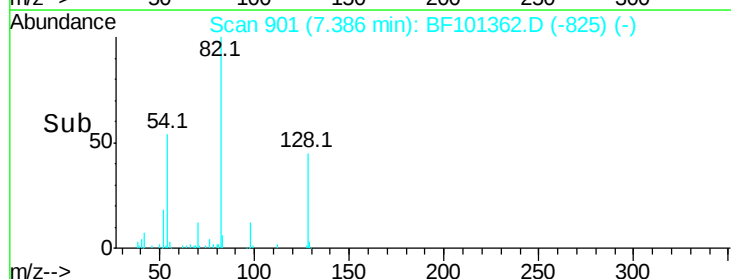
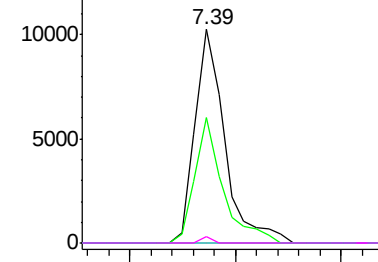
42 58.9 47.5 71.3

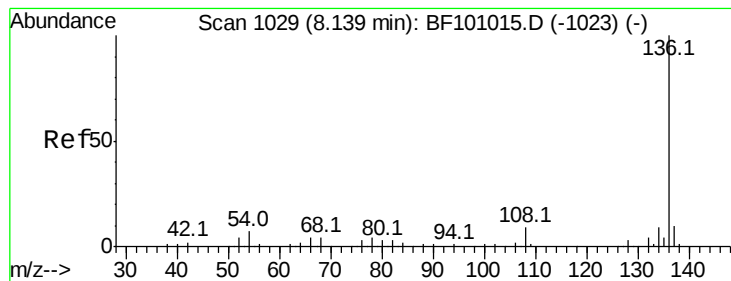
101 0.0 7.4 11.2#

130 3.2 16.6 25.0#



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101362.D

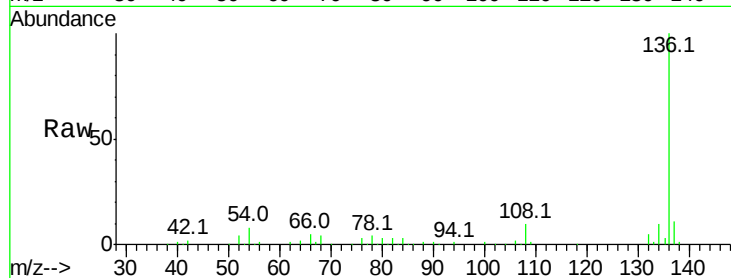
Acq: 13 Dec 2017 6:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:	136	Resp:	152847
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.1	6.6	9.8
68	4.5	5.0	7.4#

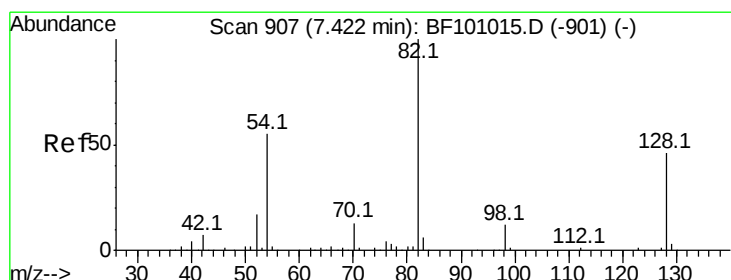
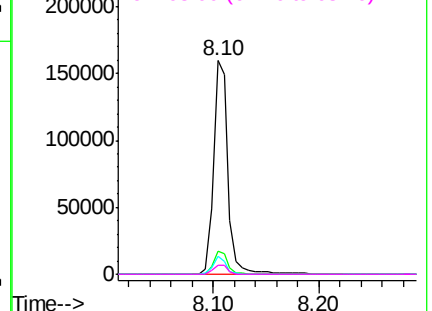
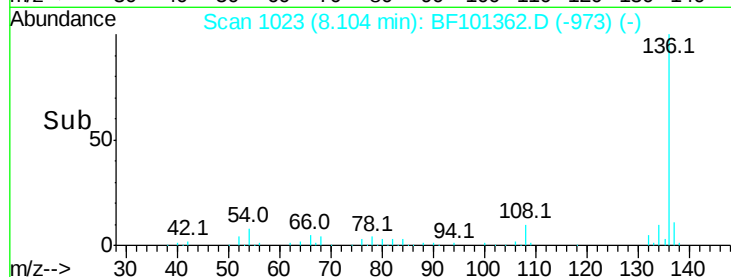


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.931 ng

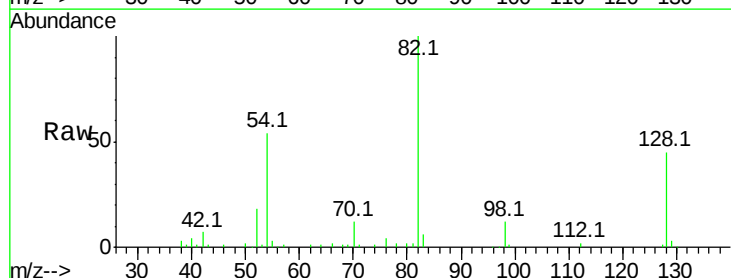
RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

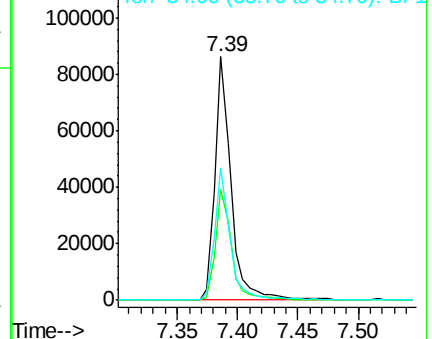
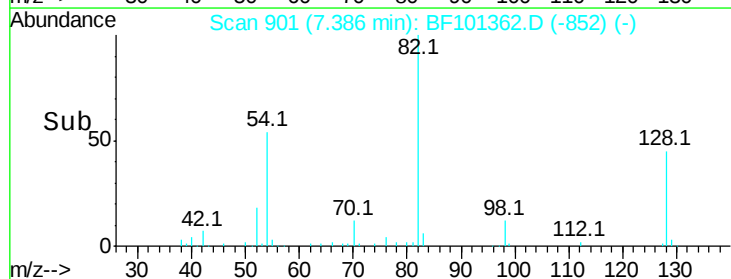
Tgt Ion:	82	Resp:	79253
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	54.1	41.4	62.2

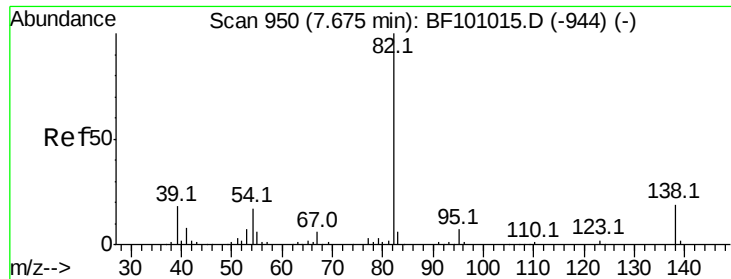


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 18.108 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.26 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

Instrument :

BNA_F

ClientSampled :

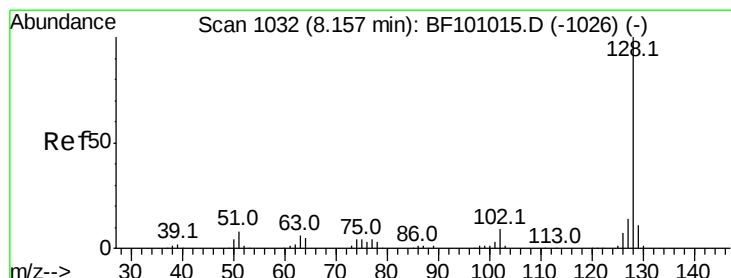
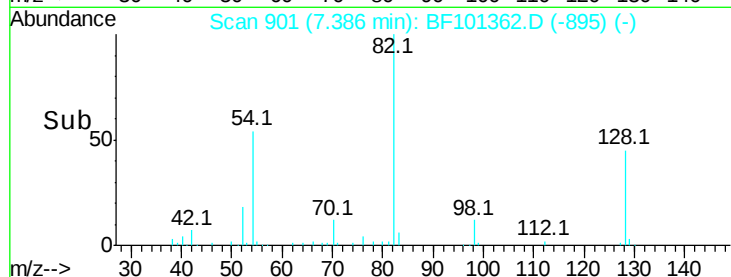
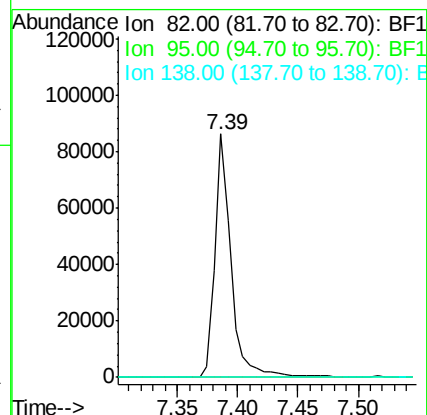
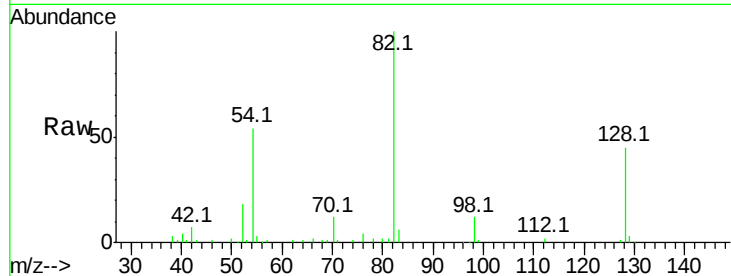
Tot Ion: 82 Resp: 79253

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#31

Naphthalene

Concen: 2.677 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

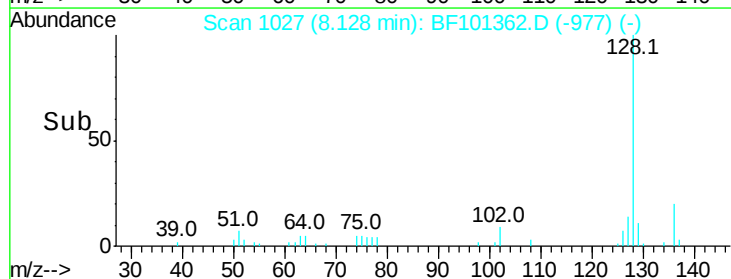
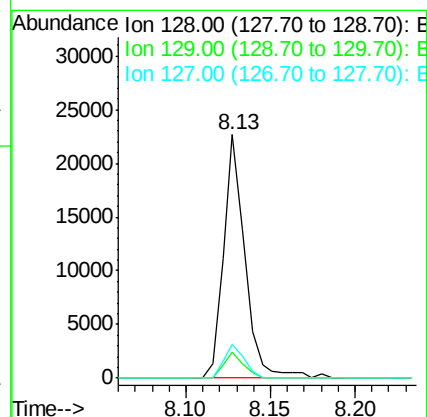
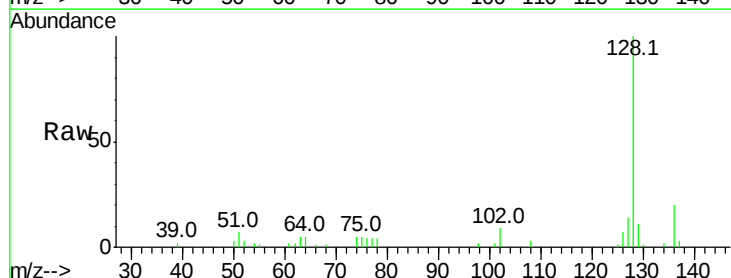
Tgt Ion: 128 Resp: 20167

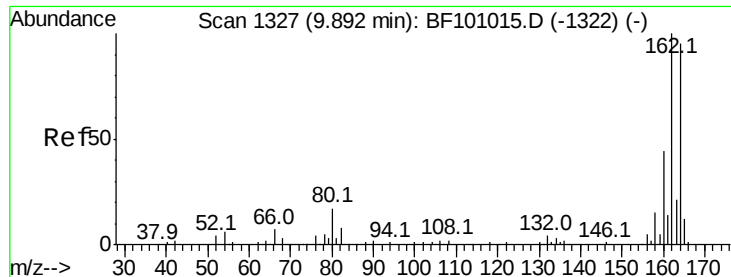
Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.6 10.9 16.3

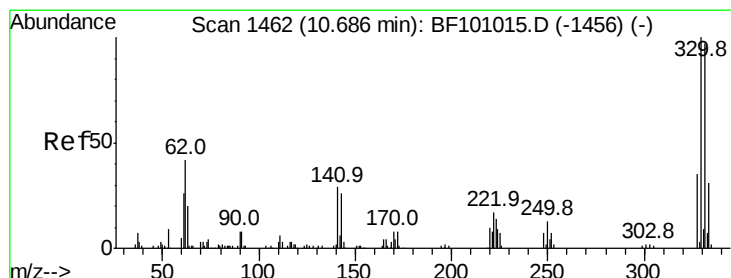
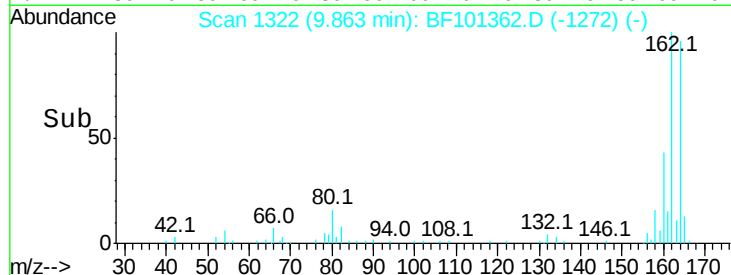
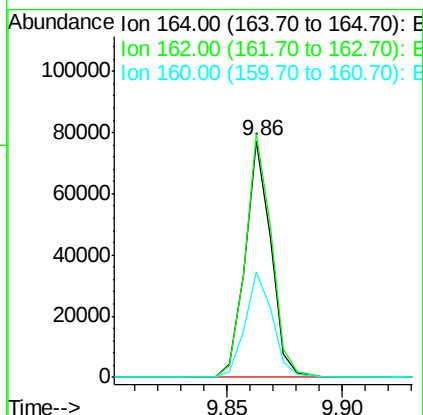
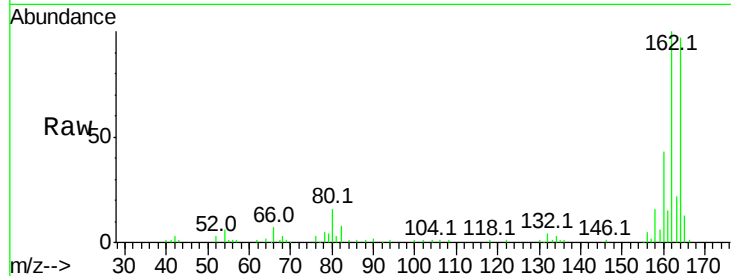




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF101362.D
 Acq: 13 Dec 2017 6:51

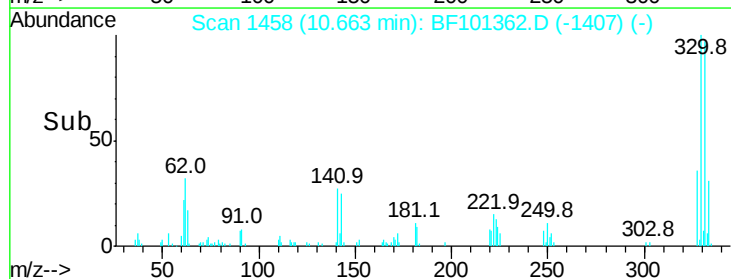
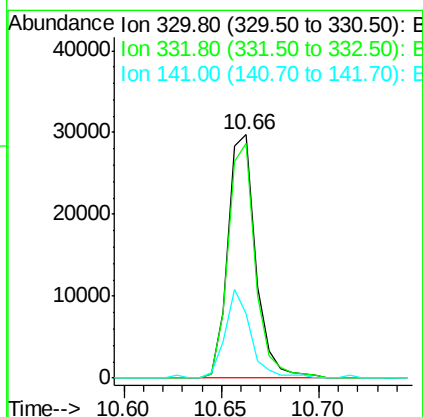
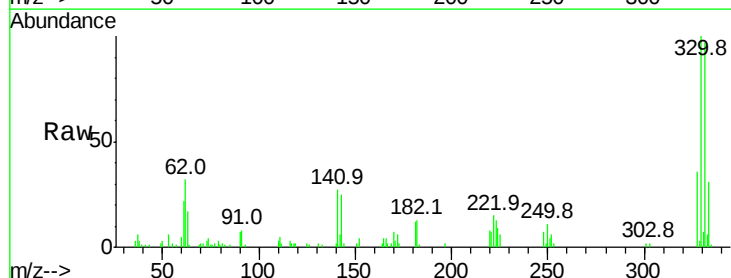
Instrument :
 BNA_F
 ClientSampleId :

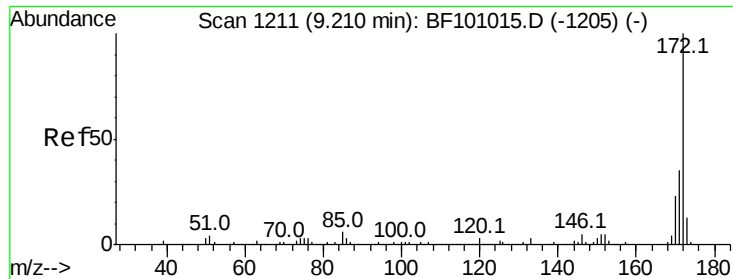
Tot Ion:164 Resp: 60291
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 44.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 40.823 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF101362.D
 Acq: 13 Dec 2017 6:51

Tgt Ion:330 Resp: 29567
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 33.6 29.9 44.9

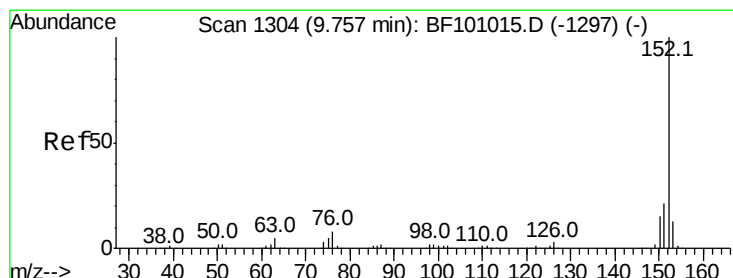
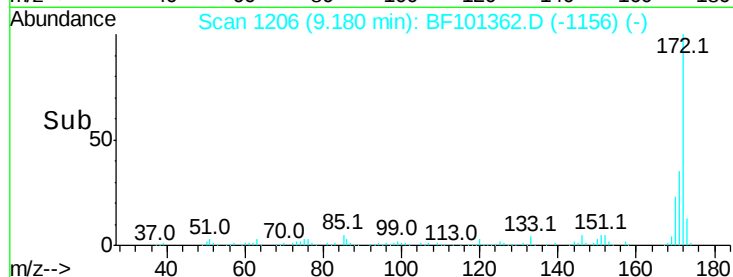
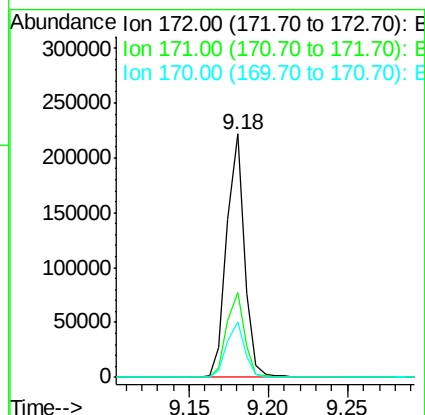
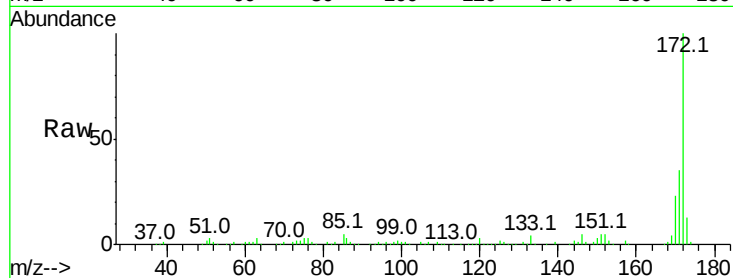




#44
2-Fluorobiphenyl
Concen: 39.119 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

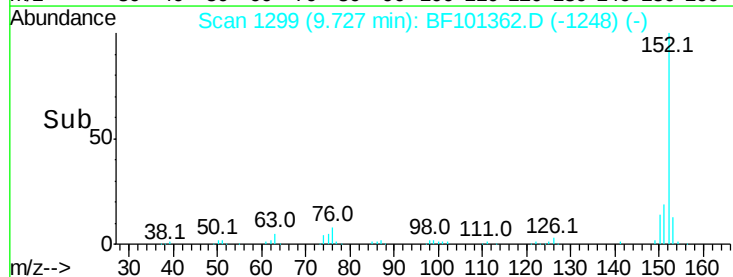
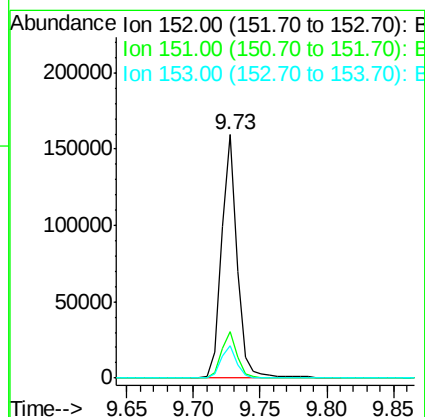
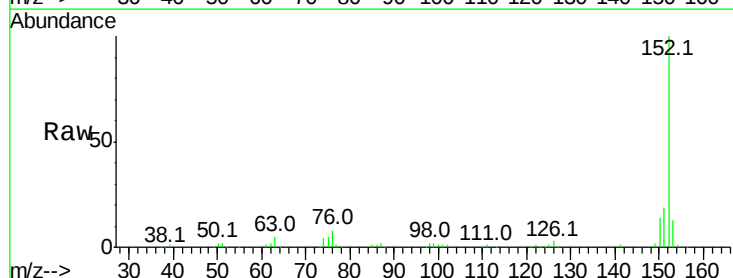
Instrument :
BNA_F
ClientSampleId :

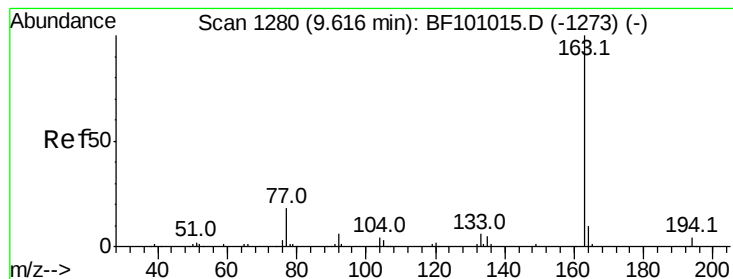
Tot Ion:172 Resp: 172382
Ion Ratio Lower Upper
172 100
171 35.0 29.7 44.5
170 22.8 19.6 29.4



#48
Acenaphthylene
Concen: 20.520 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:152 Resp: 132289
Ion Ratio Lower Upper
152 100
151 19.1 16.3 24.5
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 3.179 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

Instrument :

BNA_F

ClientSampleId :

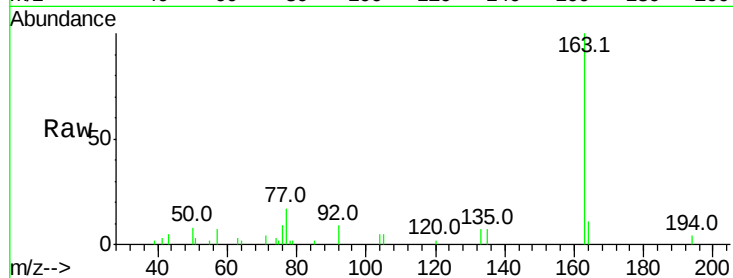
Tot Ion:163 Resp: 15455

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

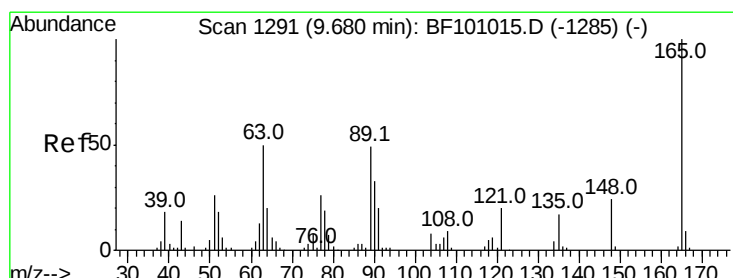
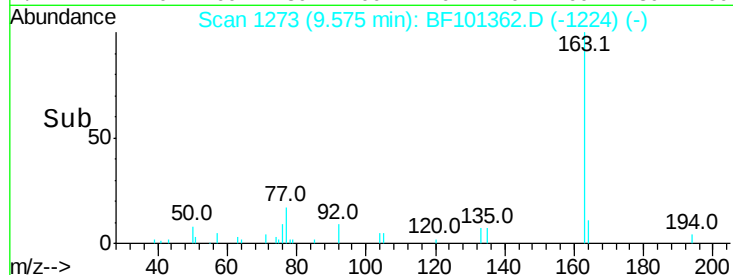
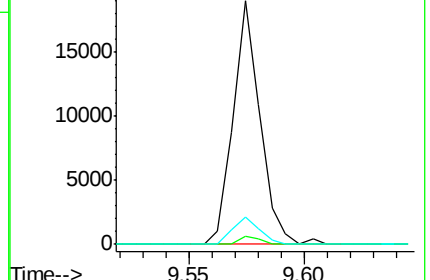
164 11.3 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.895 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.21 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

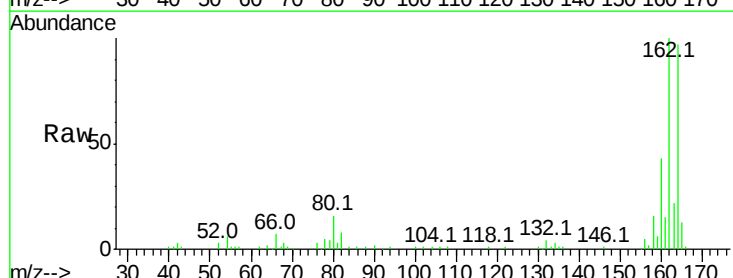
Tgt Ion:165 Resp: 8085

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

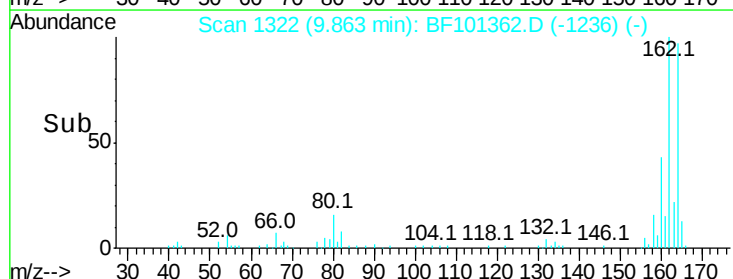
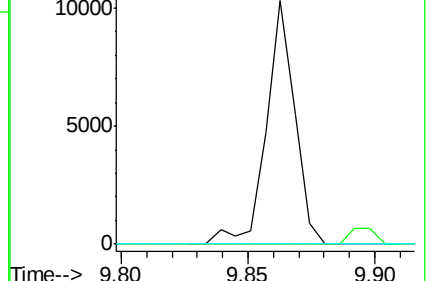
89 0.0 44.0 66.0#

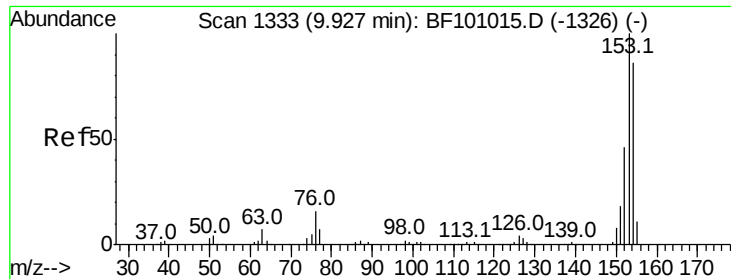


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 2.466 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

Instrument :

BNA_F

ClientSampleId :

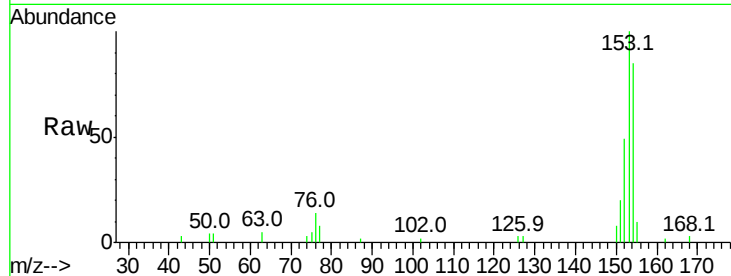
Tot Ion:154 Resp: 9521

Ion Ratio Lower Upper

154 100

153 117.5 91.2 136.8

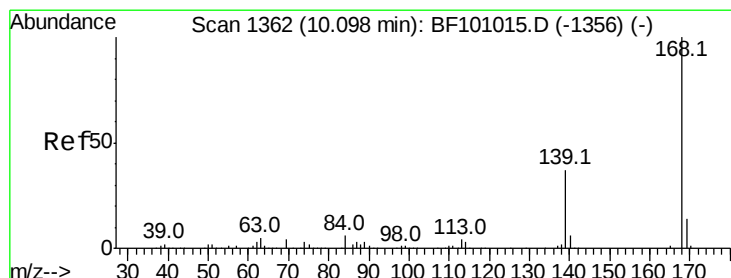
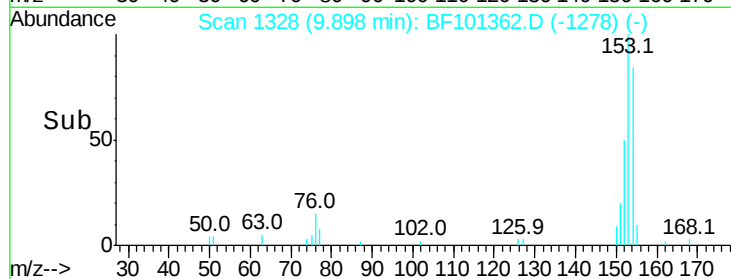
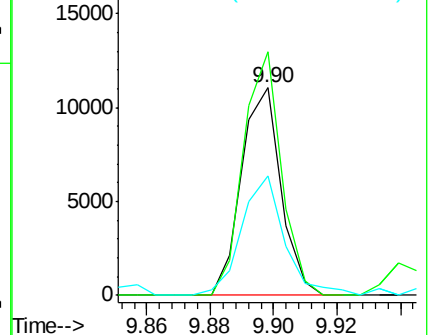
152 57.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.126 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

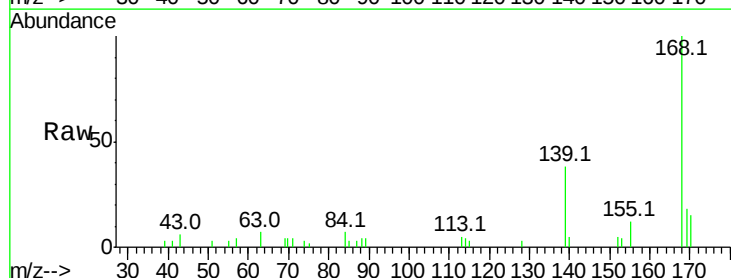
Tgt Ion:168 Resp: 11826

Ion Ratio Lower Upper

168 100

139 37.7 30.1 45.1

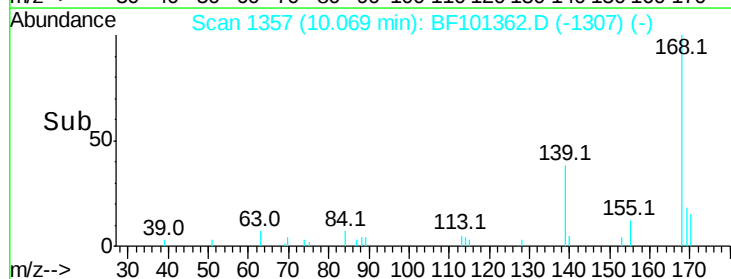
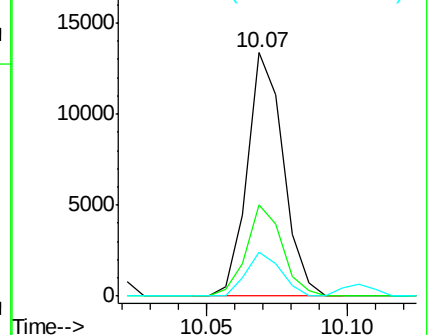
169 18.1 10.9 16.3#

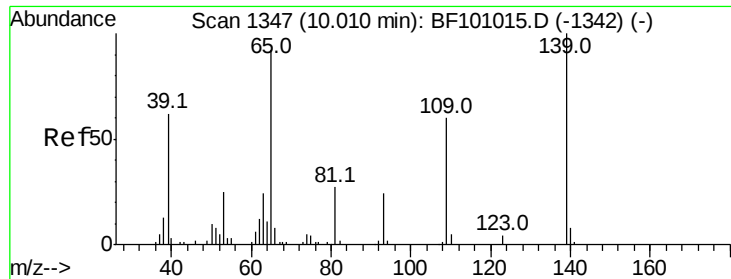


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 5.716 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.08 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

Instrument :

BNA_F

ClientSampleId :

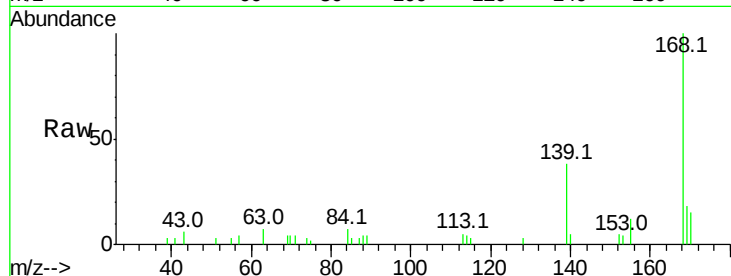
Tot Ion:139 Resp: 4440

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

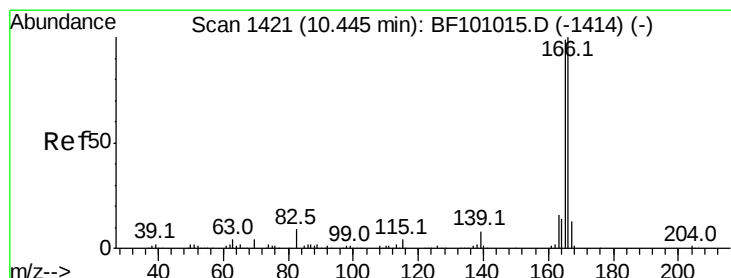
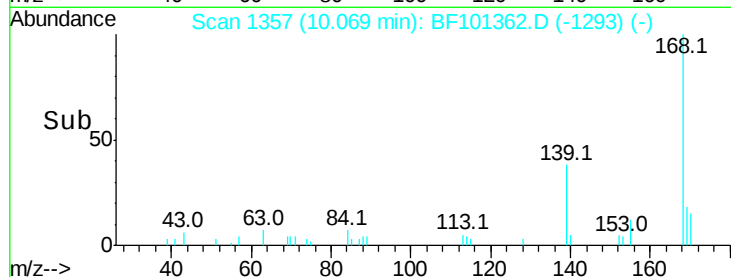
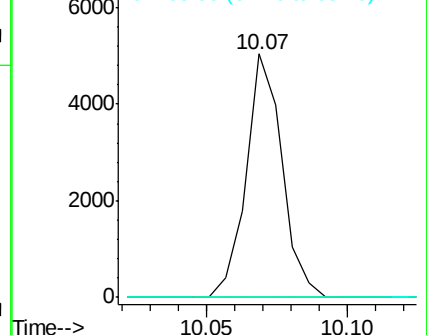
65 0.0 72.6 112.6#



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

Fluorene

Concen: 3.743 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

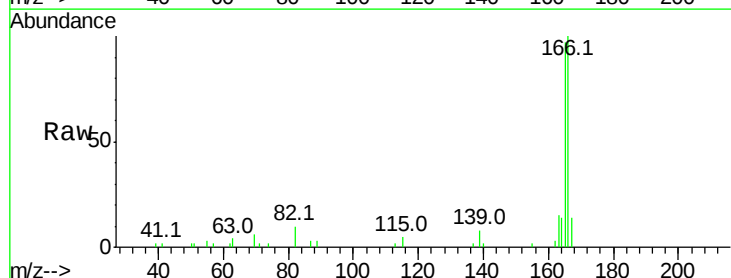
Tgt Ion:166 Resp: 16926

Ion Ratio Lower Upper

166 100

165 96.8 79.8 119.8

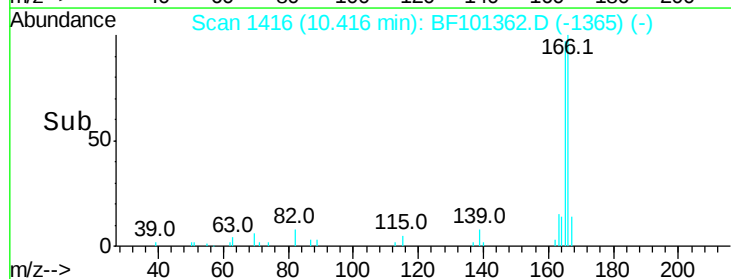
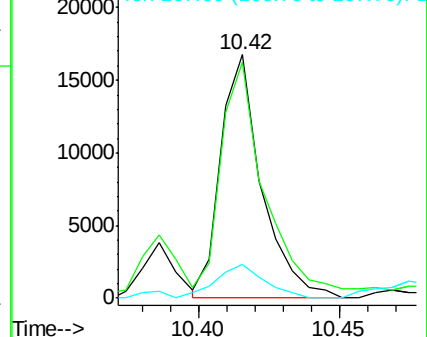
167 13.9 10.6 16.0

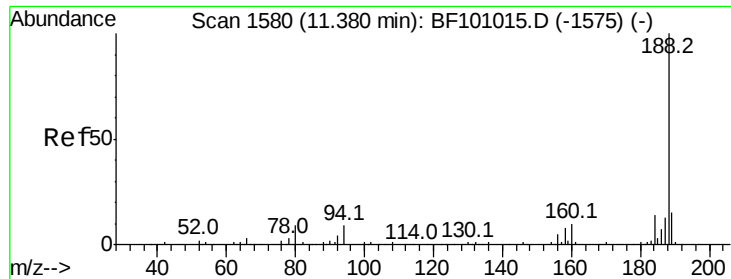


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

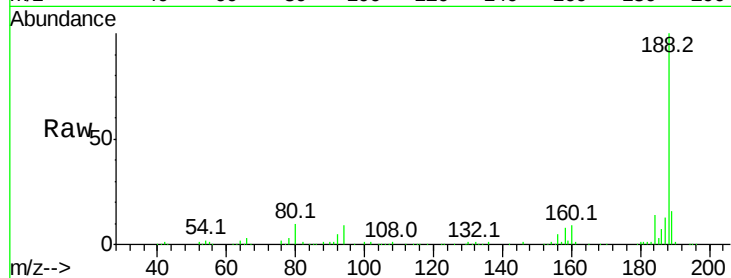




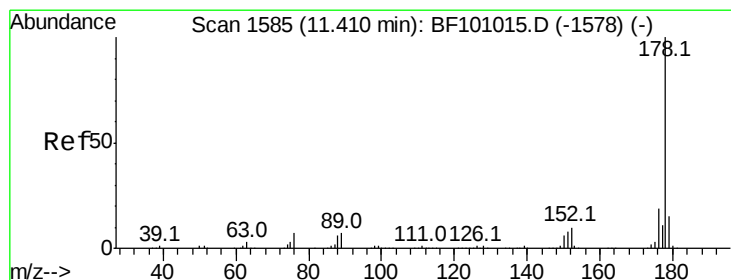
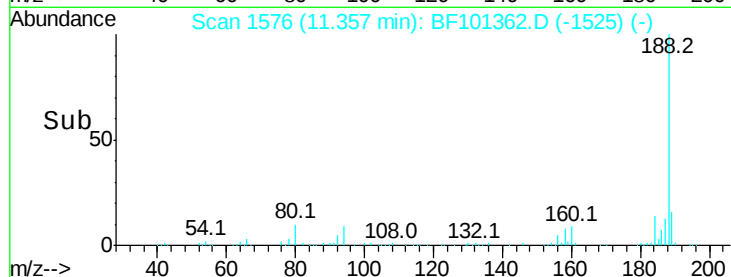
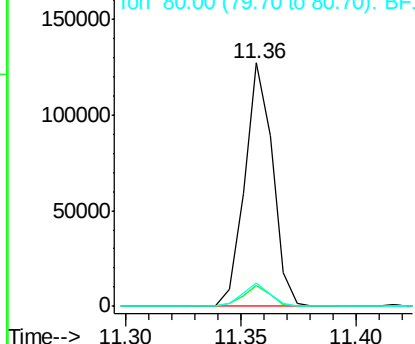
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 107383
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.8 9.2 13.8

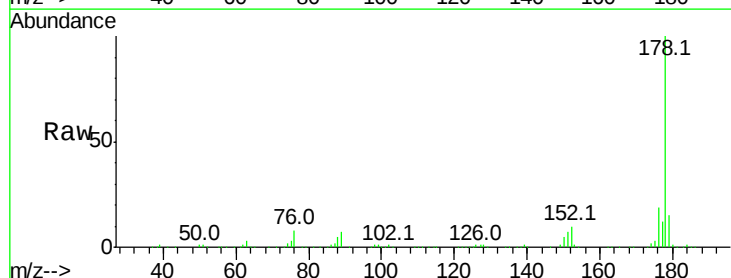


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

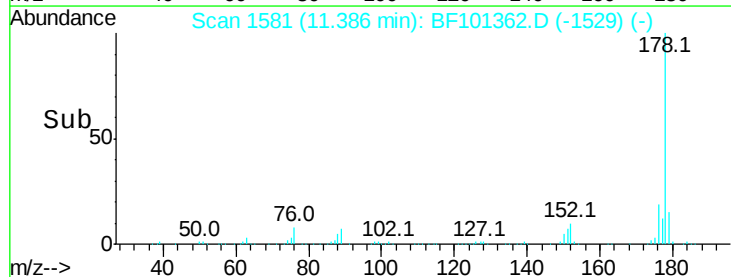
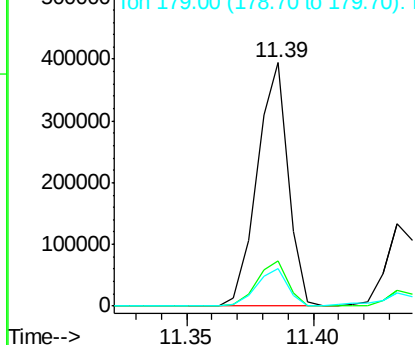


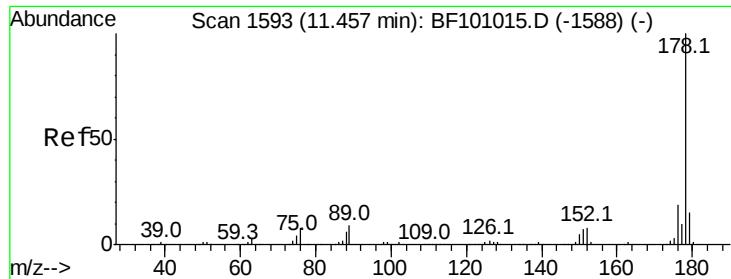
#70
Phenanthrene
Concen: 57.109 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:178 Resp: 337715
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 15.3 13.0 19.6



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

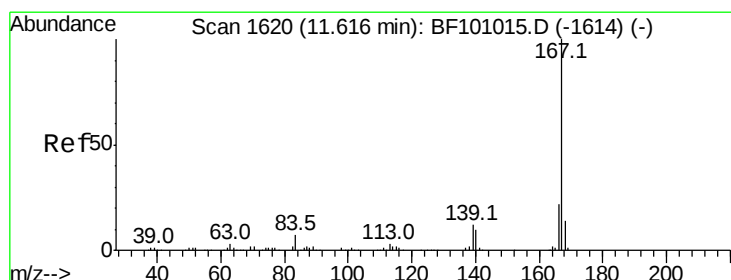
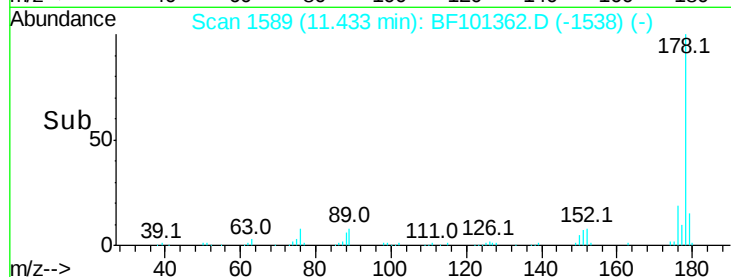
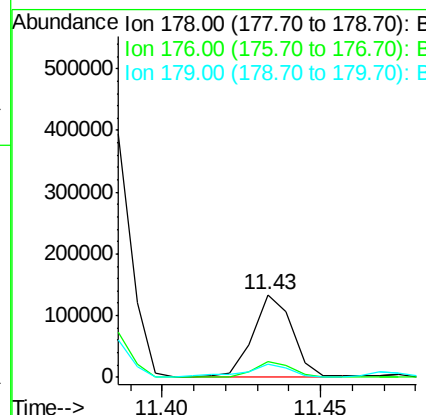
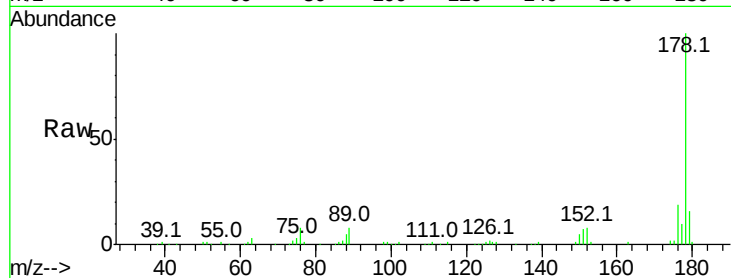




#71
 Anthracene
 Concen: 18.859 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF101362.D
 Acq: 13 Dec 2017 6:51

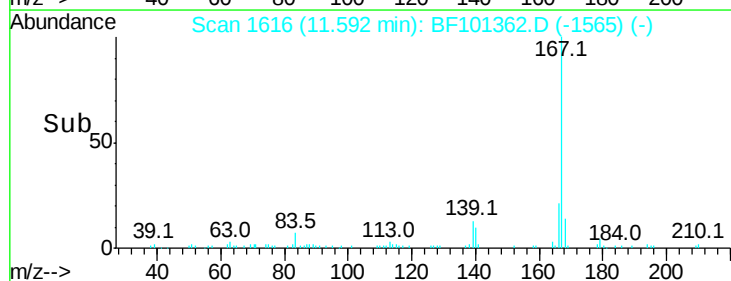
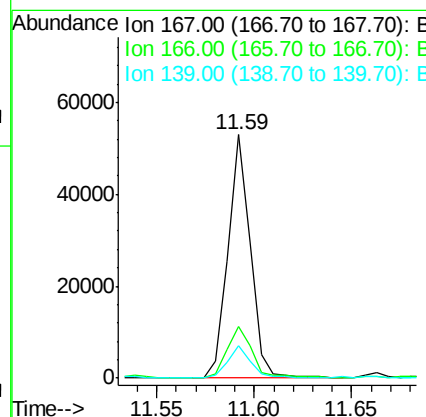
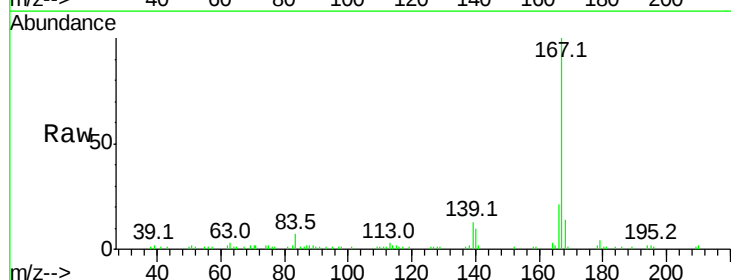
Instrument :
 BNA_F
 ClientSampleId :

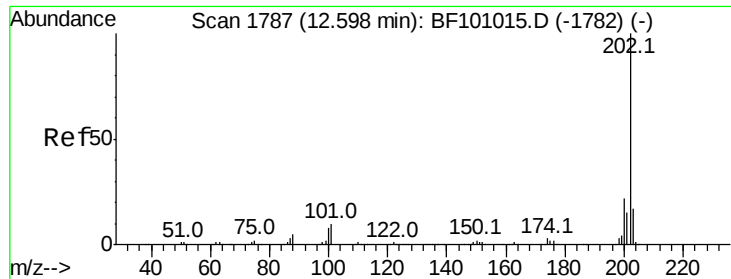
Tot Ion:178 Resp: 112871
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 7.732 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF101362.D
 Acq: 13 Dec 2017 6:51

Tgt Ion:167 Resp: 42283
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.2 10.9 16.3





#74

Fluoranthene

Concen: 130.196 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.02 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

Instrument :

BNA_F

ClientSampleId :

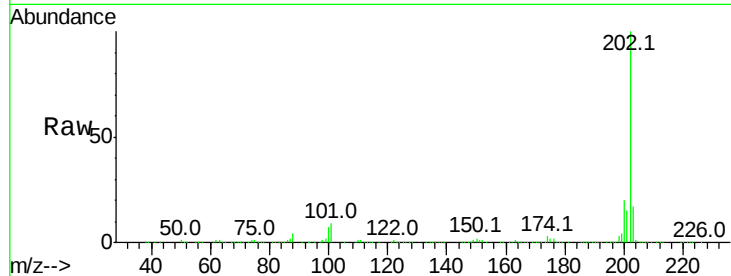
Tot Ion:202 Resp: 853443

Ion Ratio Lower Upper

202 100

101 9.3 0.0 34.1

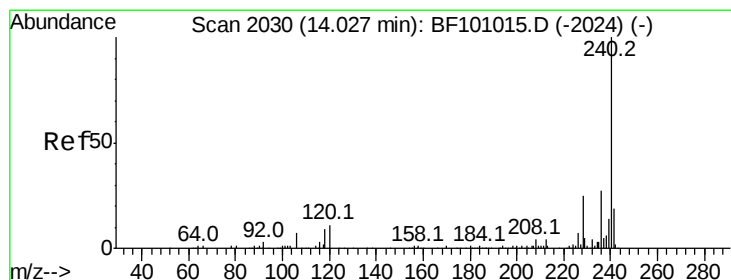
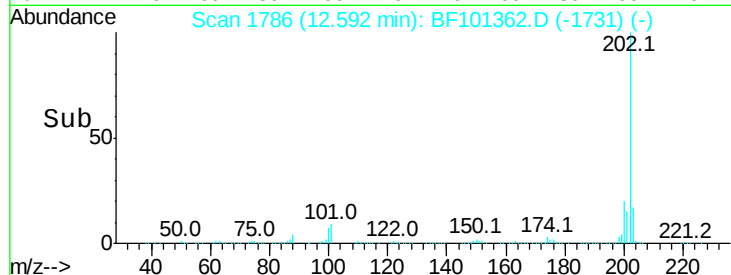
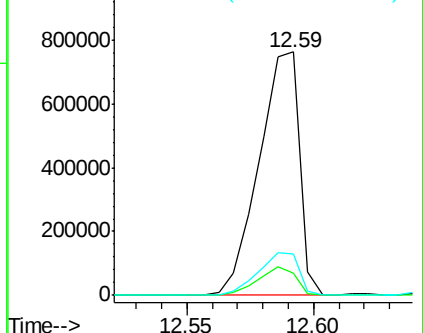
203 16.8 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

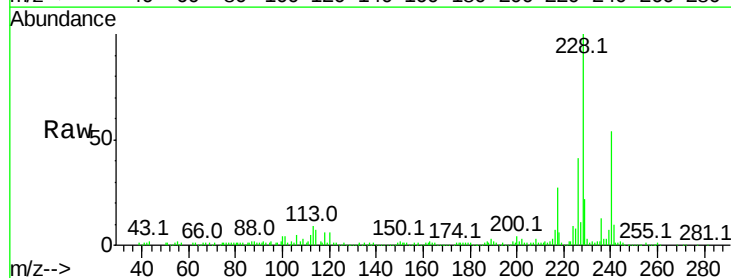
Tgt Ion:240 Resp: 80893

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

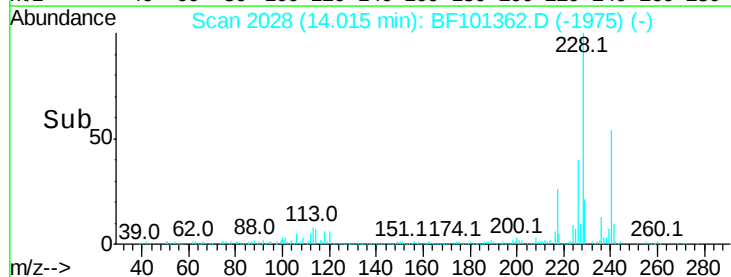
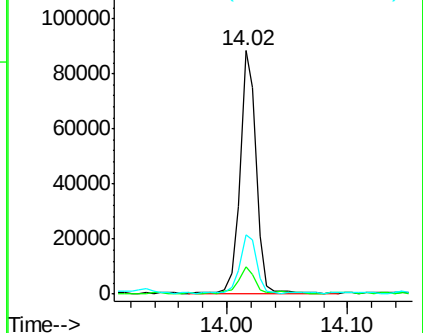
236 24.6 20.7 31.1

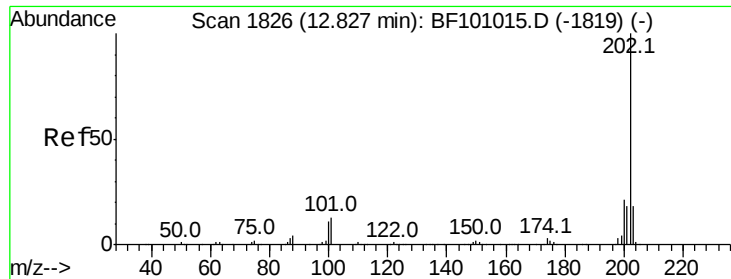


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

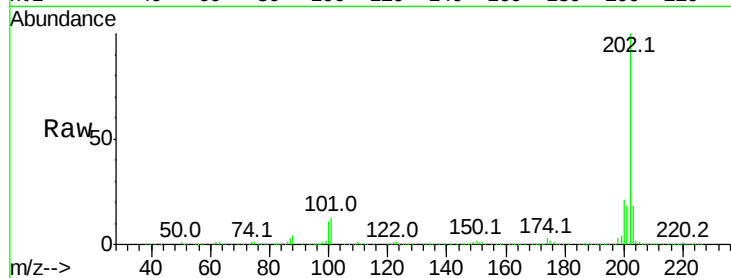




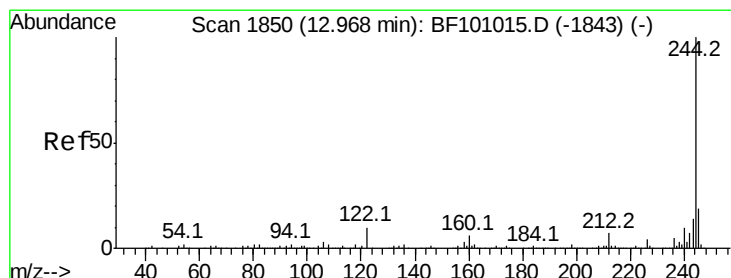
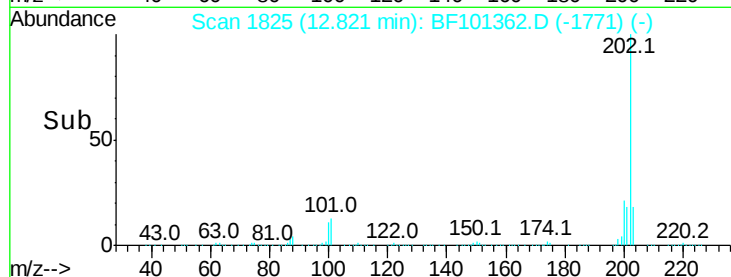
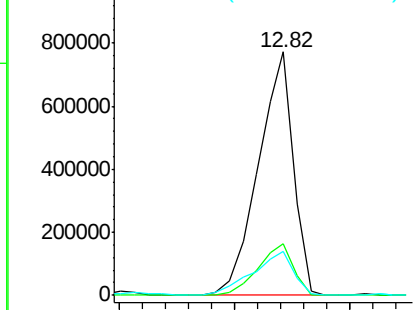
#77
Pvrene
Concen: 145.313 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.02 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 811117
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 18.0 14.3 21.5

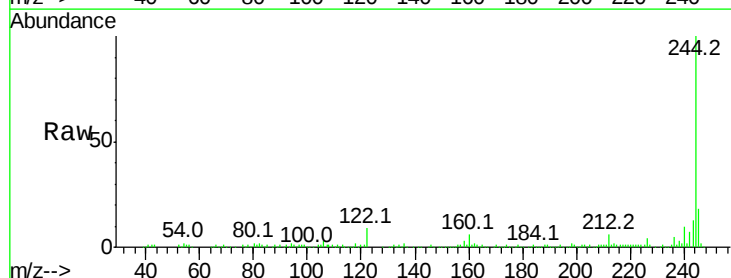


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

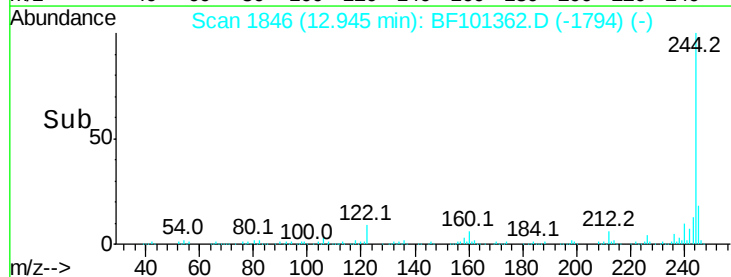
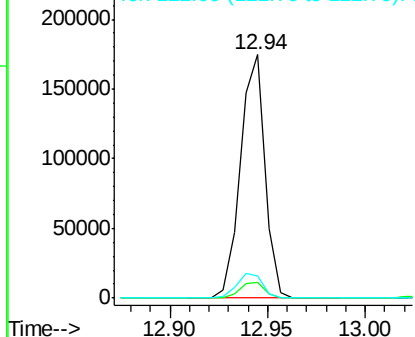


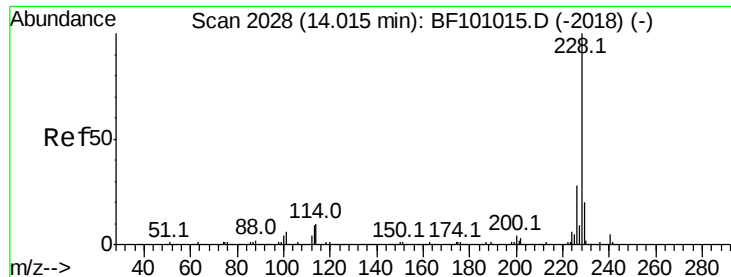
#78
Terphenyl-d14
Concen: 41.090 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:244 Resp: 151967
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 8.9 11.0 16.4#



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

Benzo(a)anthracene

Concen: 75.887 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.02 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

Instrument :

BNA_F

ClientSampleId :

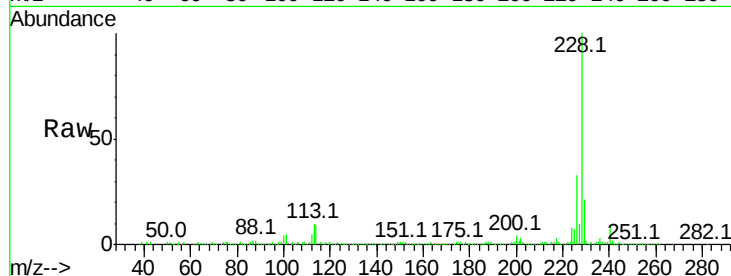
Tot Ion:228 Resp: 387590

Ion Ratio Lower Upper

228 100

226 33.2 22.6 33.8

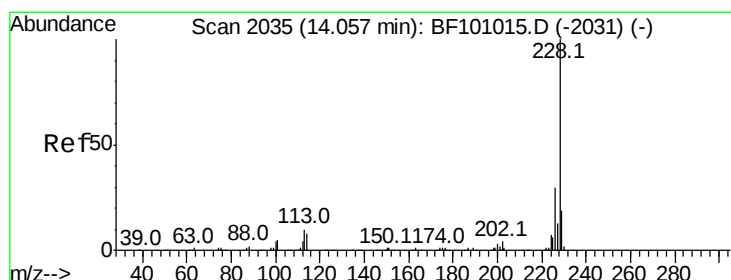
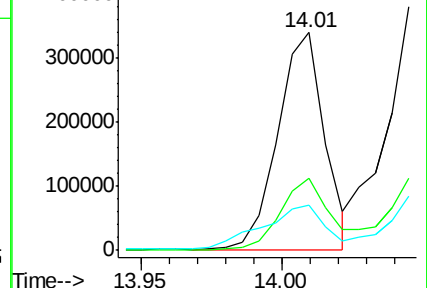
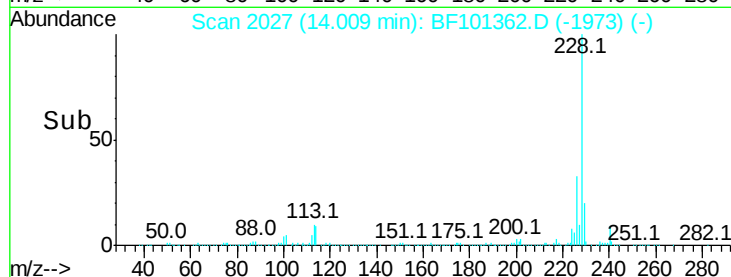
229 20.7 15.8 23.6



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



#82

Chrysene

Concen: 81.570 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

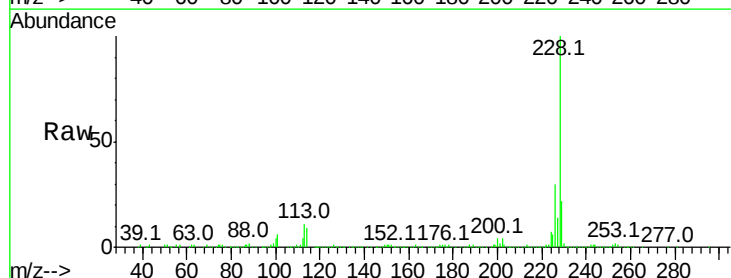
Tgt Ion:228 Resp: 386917

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.6

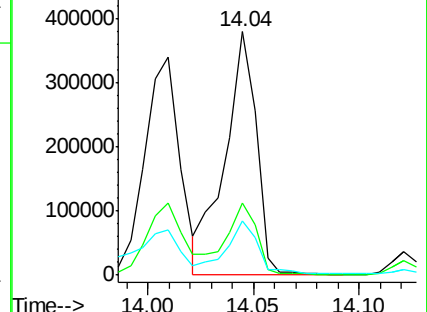
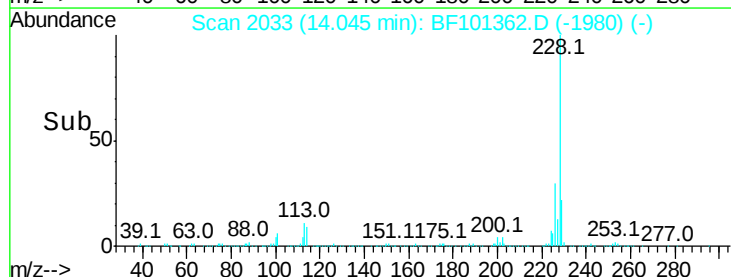
229 22.2 16.2 24.4

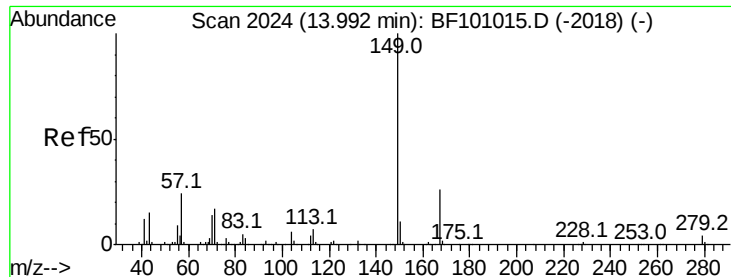


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.665 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

Instrument :

BNA_F

ClientSampleId :

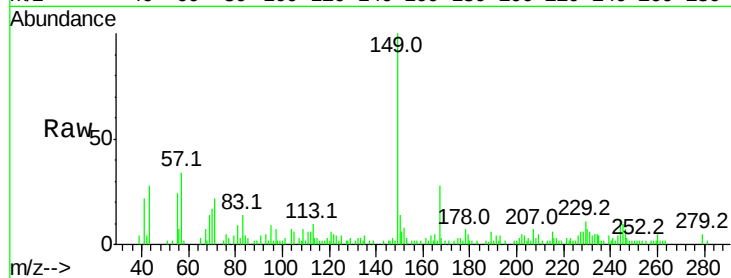
Tot Ion:149 Resp: 16371

Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

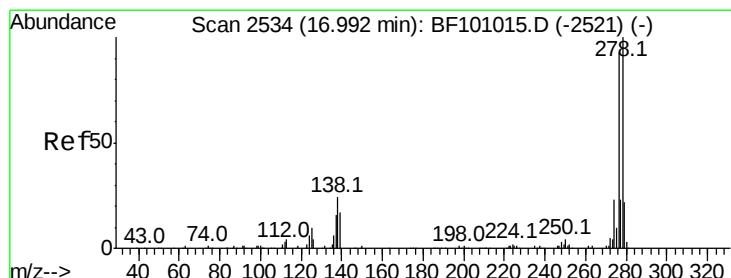
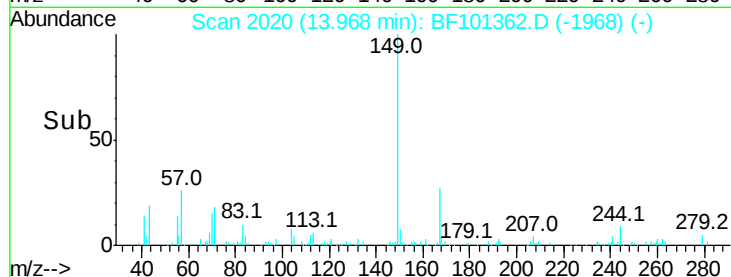
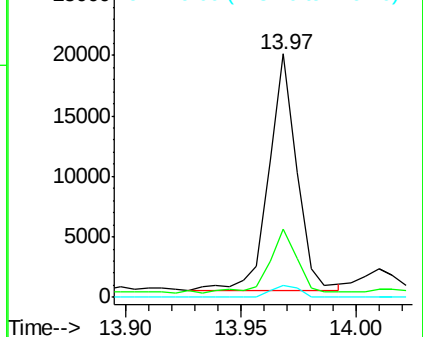
279 5.0 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 49.016 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.06 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

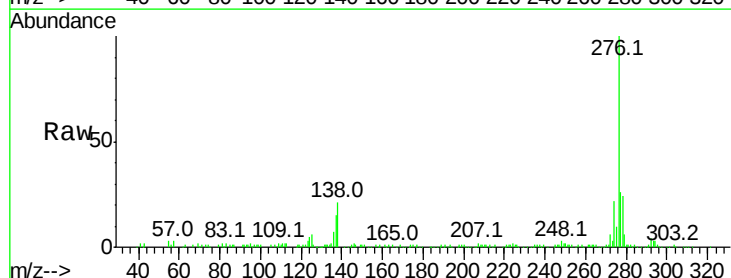
Tgt Ion:276 Resp: 206703

Ion Ratio Lower Upper

276 100

138 19.2 25.0 37.6#

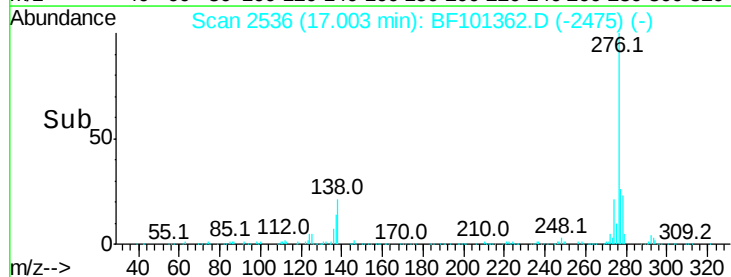
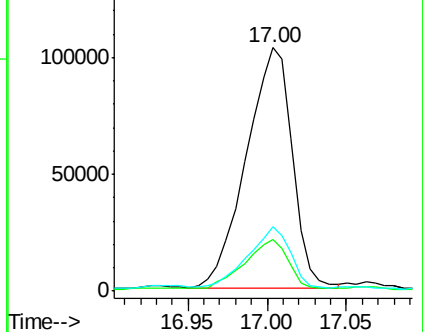
277 23.4 20.1 30.1

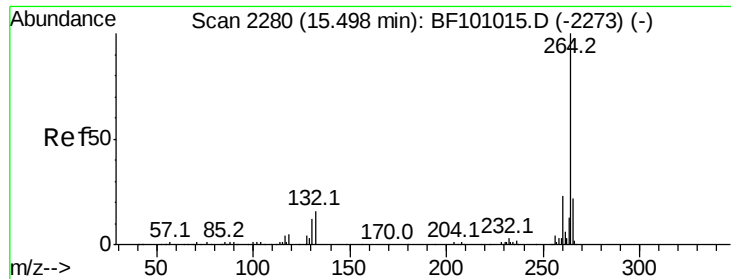


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

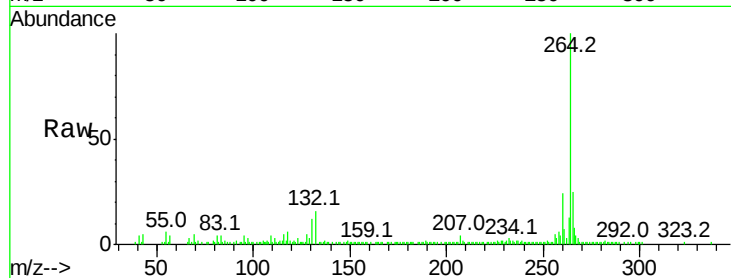




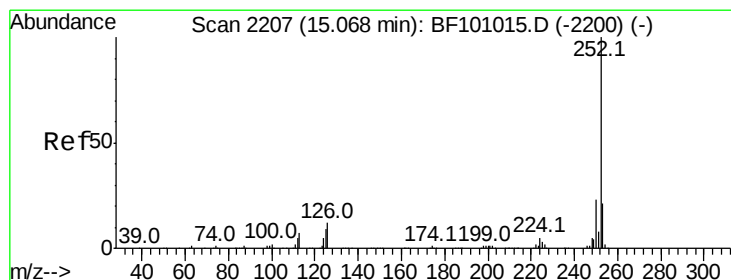
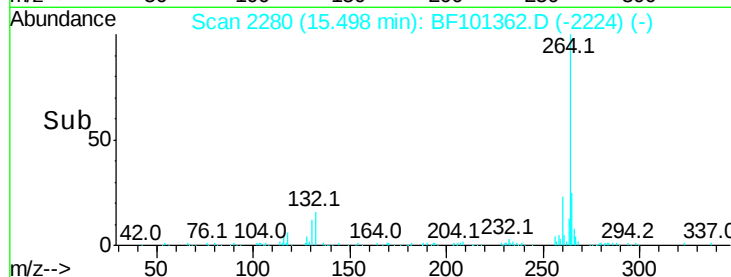
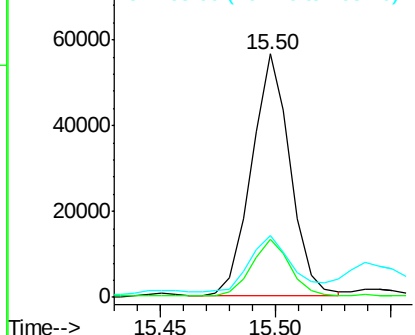
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.03 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 65345
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 25.3 17.5 26.3

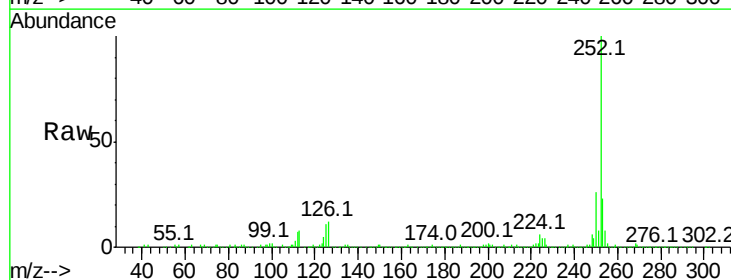


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

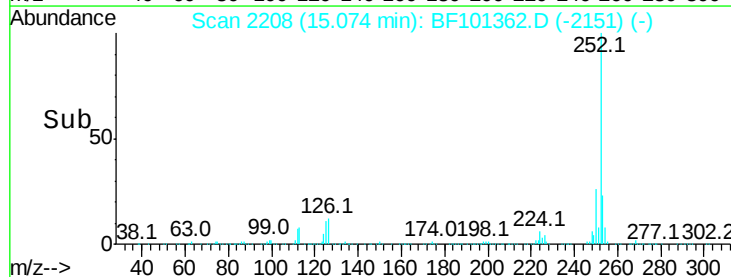
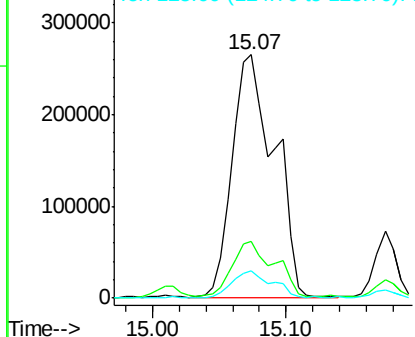


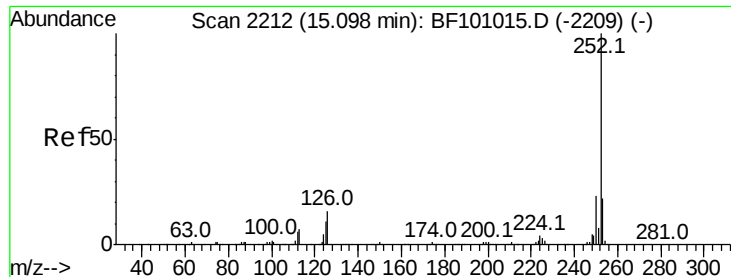
#87
Benzo(b)fluoranthene
Concen: 149.449 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.04 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:252 Resp: 584941
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 11.3 9.0 13.6



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

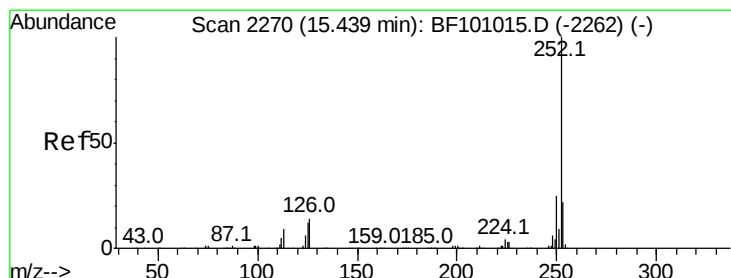
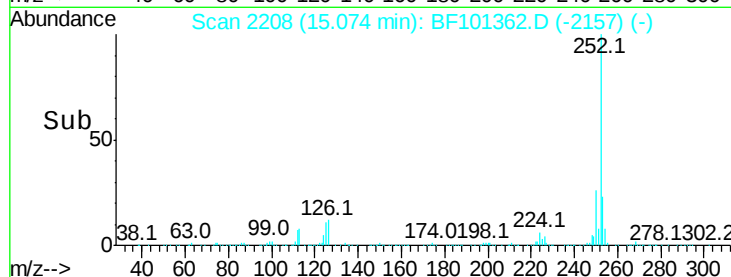
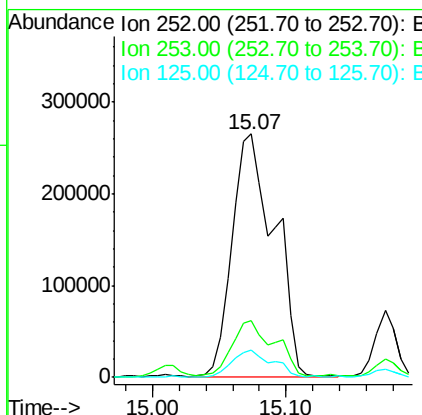
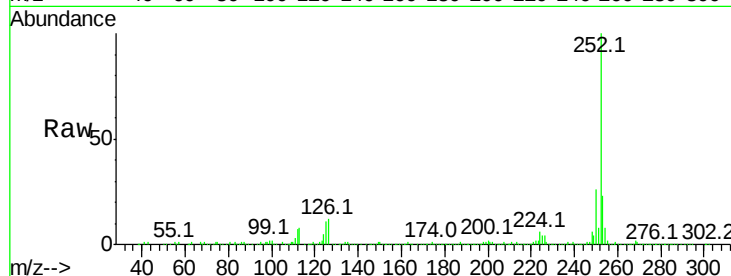




#88
Benzo(k)fluoranthene
Concen: 151.690 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

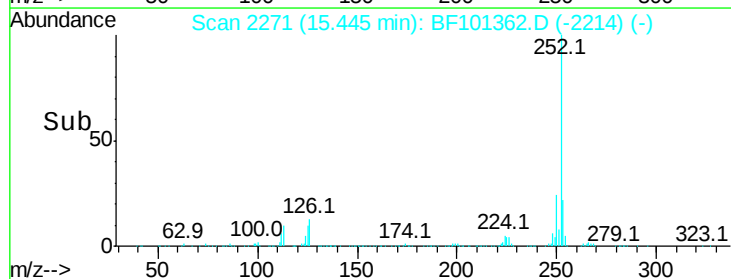
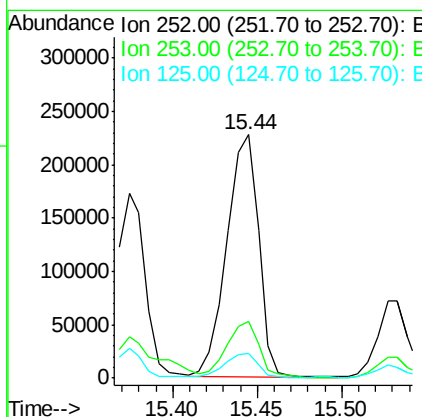
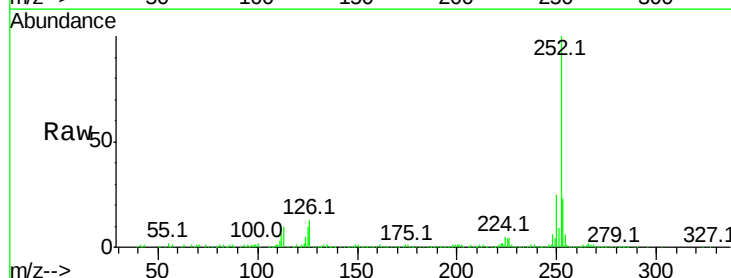
Instrument :
BNA_F
ClientSampleId :

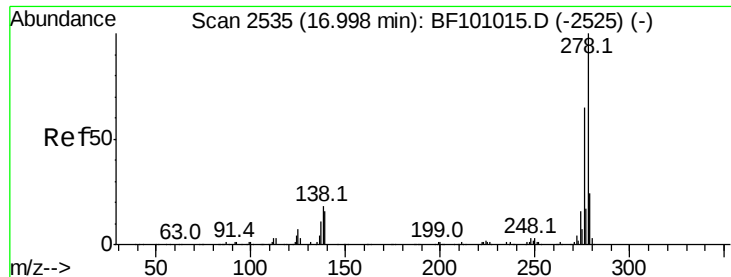
Tot Ion:252 Resp: 584941
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 11.3 10.2 15.2



#89
Benzo(a)pyrene
Concen: 83.911 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.04 min
Lab File: BF101362.D
Acq: 13 Dec 2017 6:51

Tgt Ion:252 Resp: 298580
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 10.4 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 12.250 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.21 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

Instrument :

BNA_F

ClientSampled :

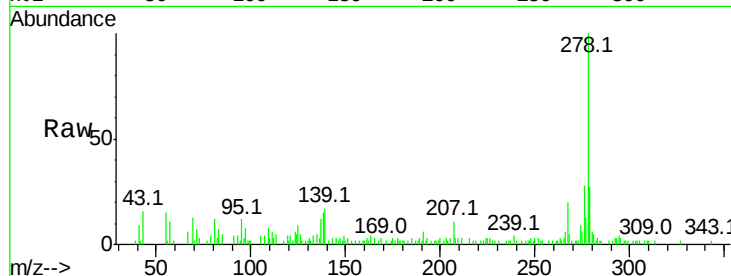
Tot Ion:278 Resp: 38427

Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.9	23.9
279	26.6	19.0	28.4

278 100

139 17.0 15.9 23.9

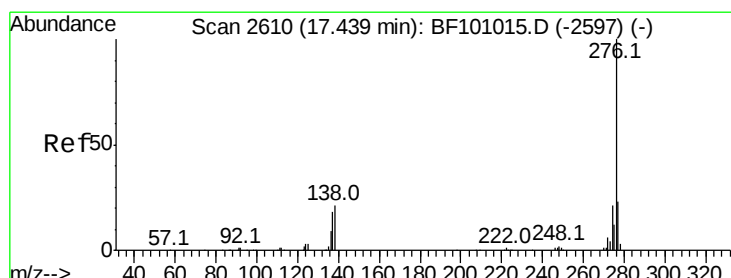
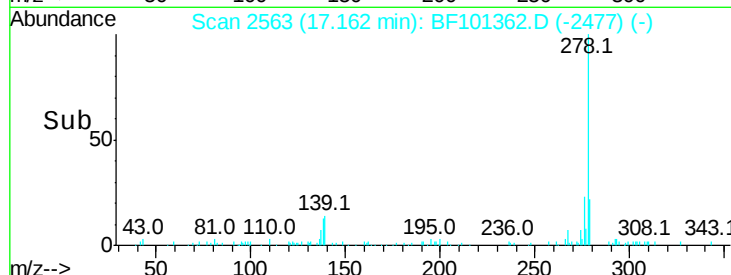
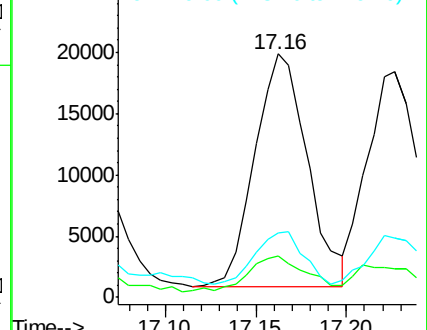
279 26.6 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 69.563 ng

RT: 17.46 min Scan# 2614

Delta R.T. 0.07 min

Lab File: BF101362.D

Acq: 13 Dec 2017 6:51

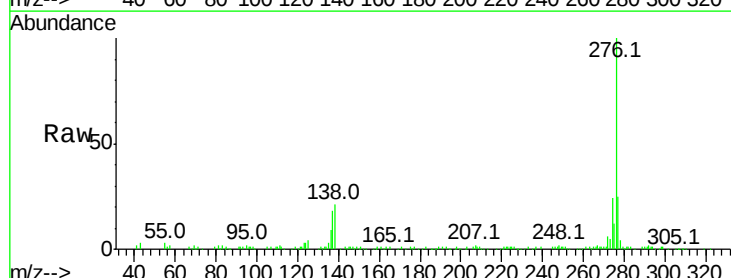
Tgt Ion:276 Resp: 205651

Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.9	26.9
138	21.0	21.8	32.8

276 100

277 25.1 17.9 26.9

138 21.0 21.8 32.8



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

