

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092578.D
 Acq On : 27 Jan 2017 15:39
 Operator : SJ/MA
 Sample : I1265-03RE
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 17:14:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	161593	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	616394	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	263646	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	389527	20.00	ng	0.00
75) Chrysene-d12	14.17	240	315002	20.00	ng	0.00
86) Perylene-d12	15.68	264	229558	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1190159	114.59	ng	0.06
7) Phenol-d6	6.64	99	1411755	106.71	ng	0.05
23) Nitrobenzene-d5	7.55	82	907405	80.41	ng	0.01
41) 2,4,6-Tribromophenol	10.83	330	195493	108.81	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1365011	95.74	ng	0.00
78) Terphenyl-d14	13.12	244	947662	80.11	ng	0.00

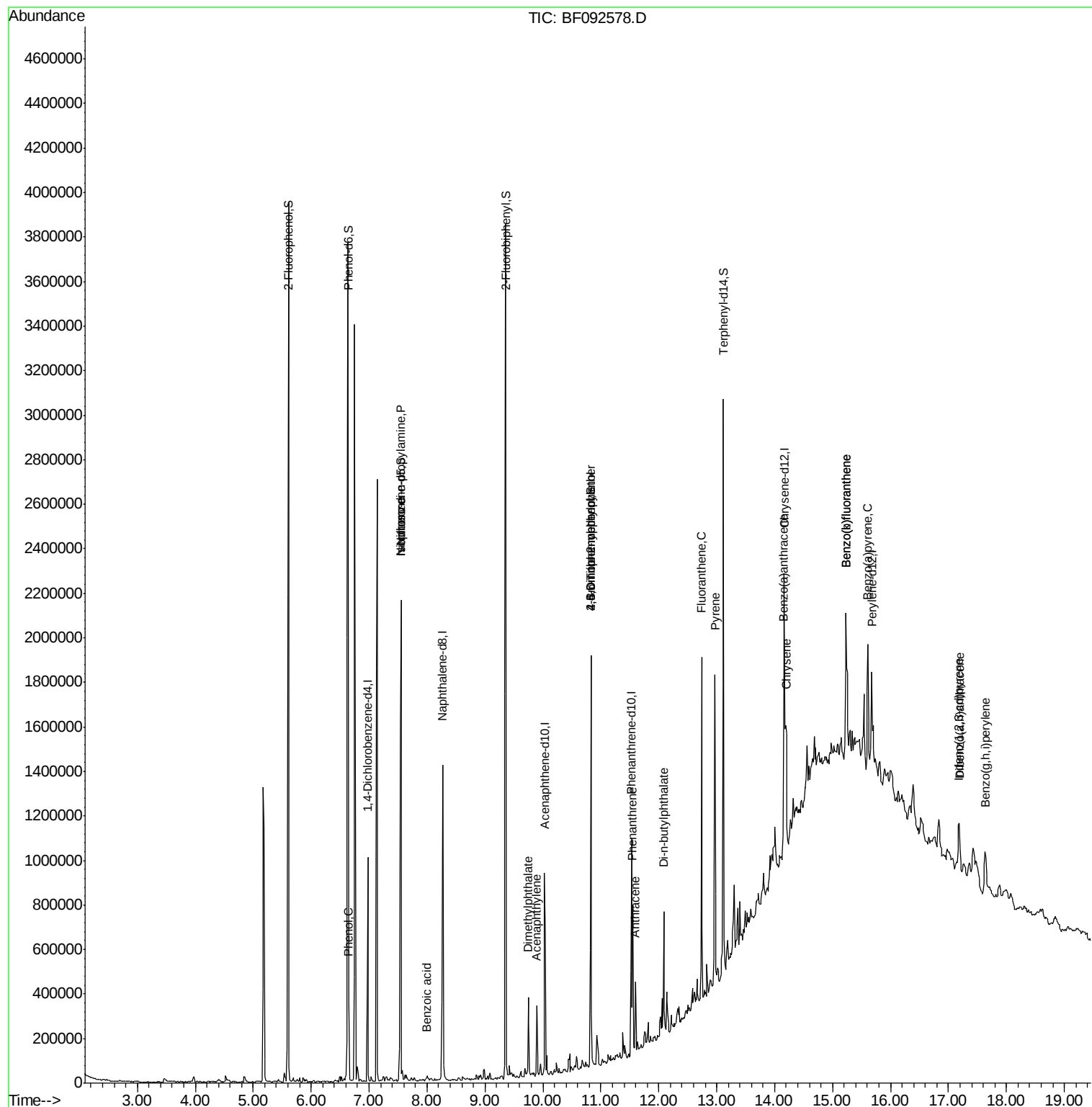
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.65	94	75615	4.74	ng	# 67
19) n-Nitroso-di-n-propylamine	7.55	70	119811	13.30	ng	# 78
25) Isophorone	7.55	82	874045	39.31	ng	# 65
32) Benzoic acid	8.00	122	907	4.80	ng	# 80
48) Acenaphthylene	9.89	152	129967	5.69	ng	99
49) Dimethylphthalate	9.74	163	187077	11.16	ng	97
64) 4,6-Dinitro-2-methylphenol	10.83	198	479	5.16	ng	# 1
66) 4-Bromophenyl-phenylether	10.83	248	14459	3.68	ng	# 1
70) Phenanthrene	11.55	178	258760	12.06	ng	98
71) Anthracene	11.60	178	133037	6.35	ng	98
73) Di-n-butylphthalate	12.09	149	277036	12.10	ng	# 96
74) Fluoranthene	12.74	202	614382	29.28	ng	98
77) Pvrene	12.97	202	607671	26.62	ng	98
80) Benzo(a)anthracene	14.16	228	422960	24.98	ng	94
82) Chrysene	14.20	228	321060	17.76	ng	98
85) Indeno(1,2,3-cd)pyrene	17.17	276	163831	12.25	ng	97
87) Benzo(b)fluoranthene	15.23	252	551616	37.43	ng	# 96
88) Benzo(k)fluoranthene	15.23	252	551616	45.01	ng	# 95
89) Benzo(a)pvrene	15.61	252	271951	21.81	ng	96
90) Dibenzo(a,h)anthracene	17.19	278	40617	4.03	ng	# 67
91) Benzo(q,h,i)perylene	17.63	276	151672	14.88	ng	# 88

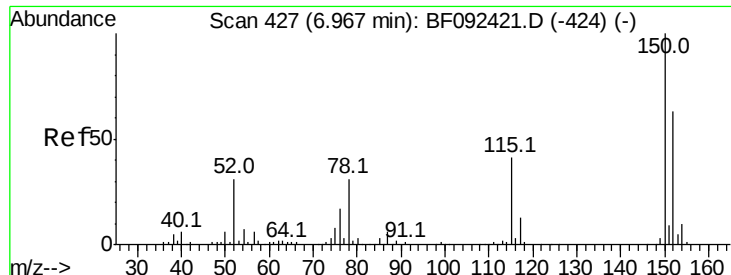
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

Instrument :

BNA_F

ClientSampleId :

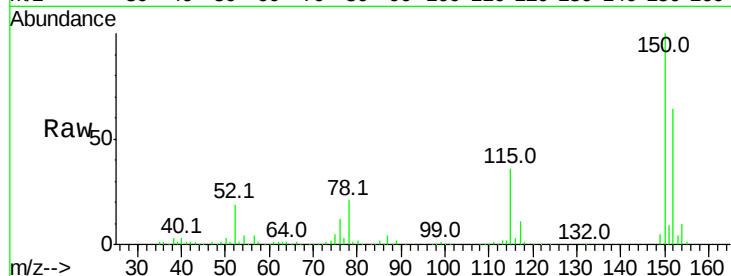
Tot Ion:152 Resp: 161593

Ion Ratio Lower Upper

152 100

150 156.7 124.9 187.3

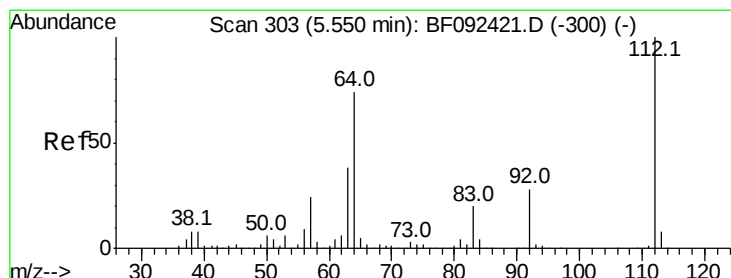
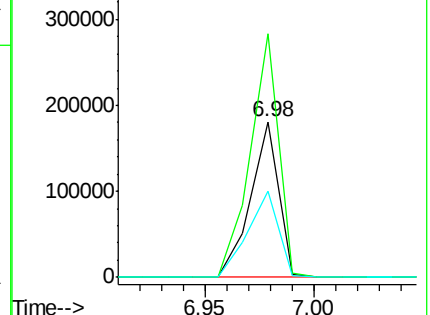
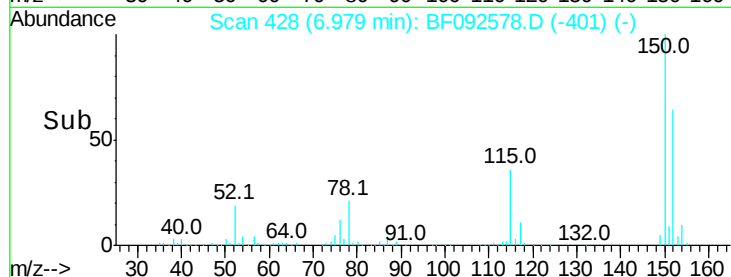
115 55.7 46.0 69.0



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: 114.59 ng

RT: 5.61 min Scan# 308

Delta R.T. 0.06 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

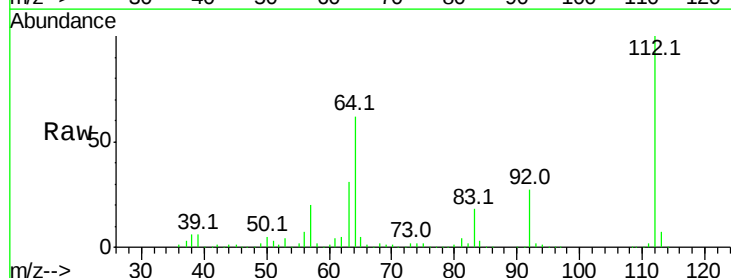
Tgt Ion:112 Resp: 1190159

Ion Ratio Lower Upper

112 100

64 62.5 46.1 69.1

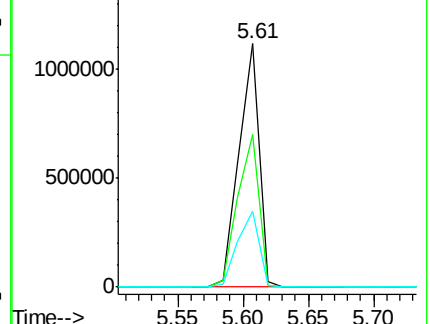
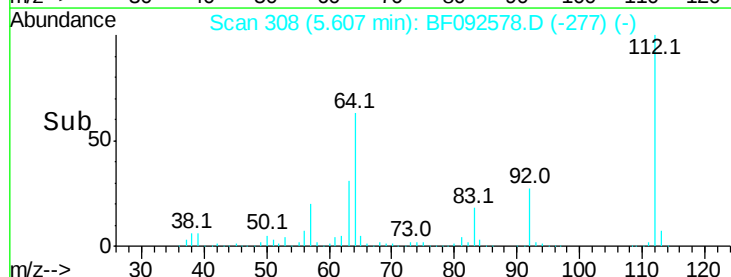
63 31.4 23.8 35.6

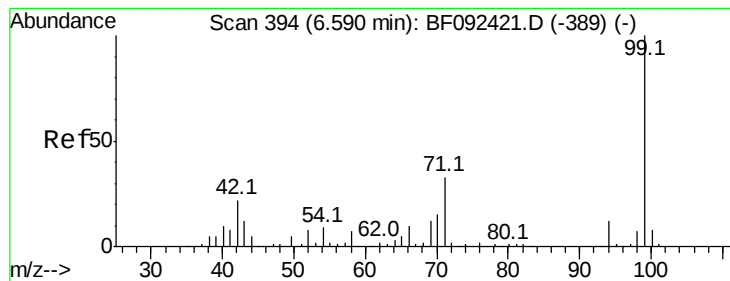


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.71 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.05 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

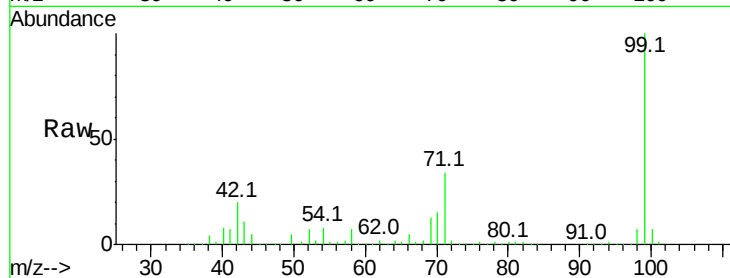
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1411755

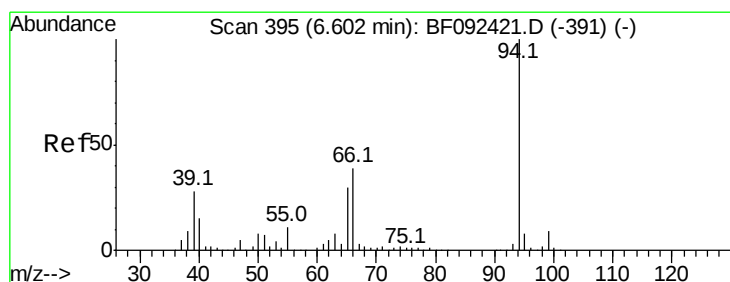
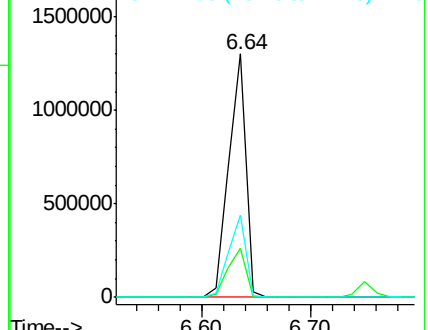
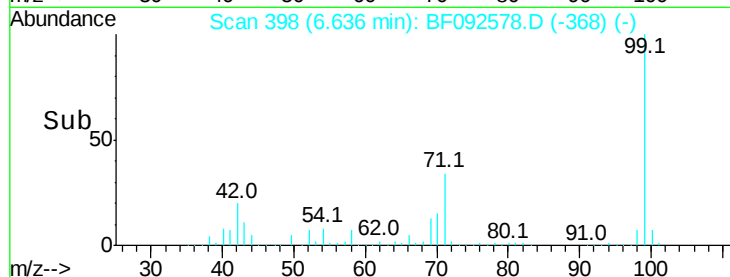
Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.6	23.4
71	33.6	27.5	41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.74 ng

RT: 6.65 min Scan# 399

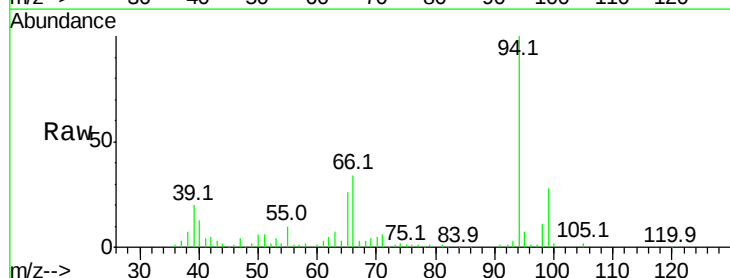
Delta R.T. 0.05 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

Tgt Ion: 94 Resp: 75615

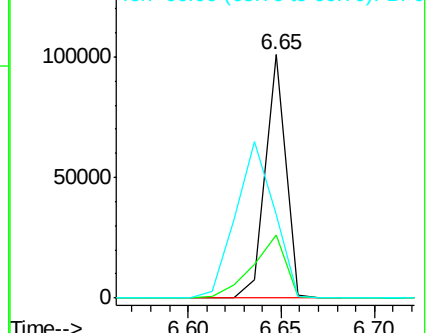
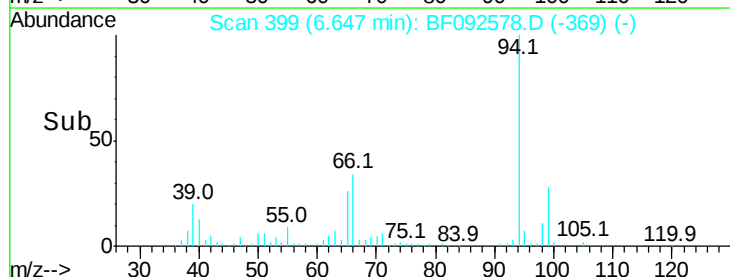
Ion	Ratio	Lower	Upper
94	100		
65	26.0	21.4	61.4
66	34.5	44.0	84.0#

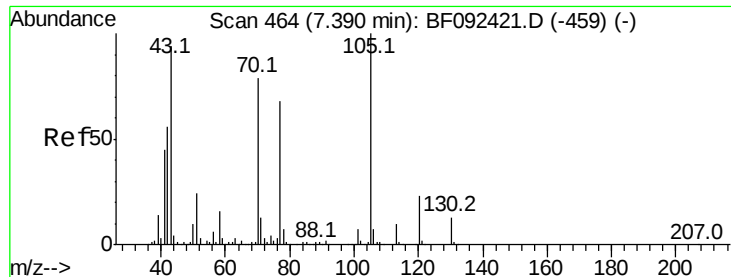


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

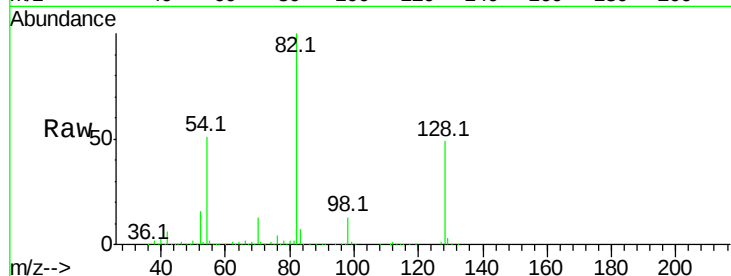




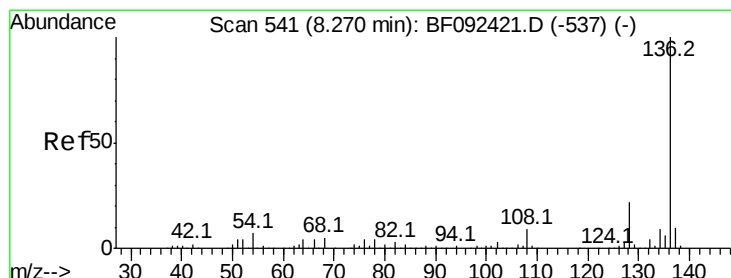
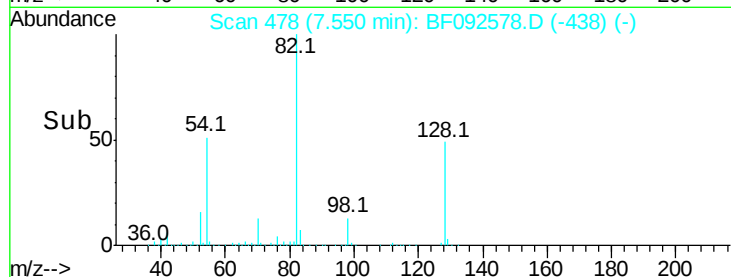
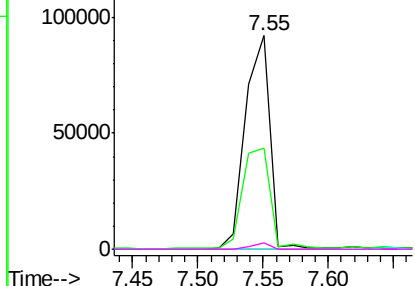
#19
n-Nitroso-di-n-propylamine
Concen: 13.30 ng
RT: 7.55 min Scan# 478
Delta R.T. 0.16 min
Lab File: BF092578.D
Acq: 27 Jan 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 119811
Ion Ratio Lower Upper
70 100
42 47.7 49.4 74.0#
101 0.0 7.4 11.2#
130 2.7 14.2 21.4#

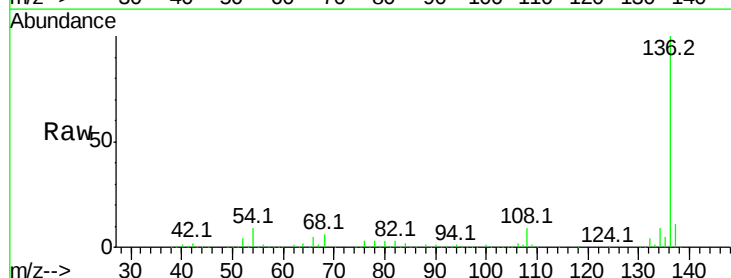


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

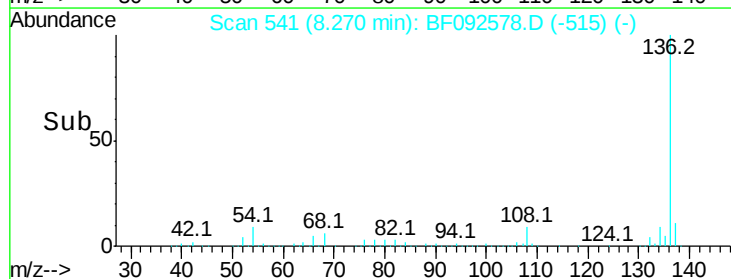
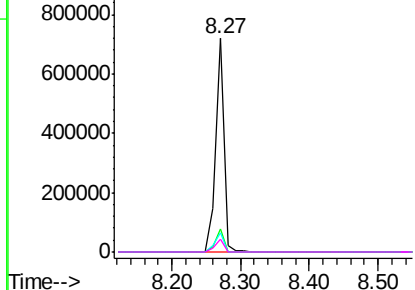


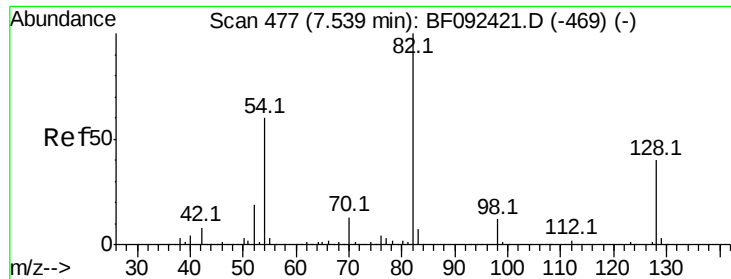
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092578.D
Acq: 27 Jan 2017 15:39

Tgt Ion:136 Resp: 616394
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.7 4.5 6.7#
68 5.7 3.6 5.4#



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

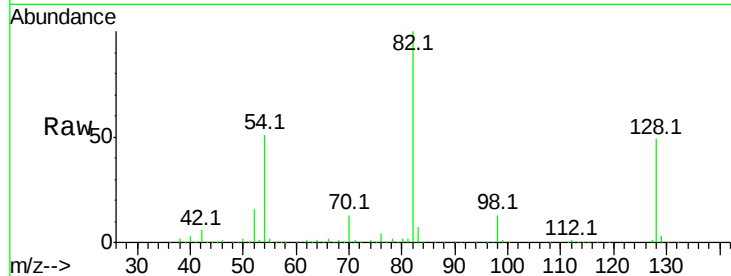




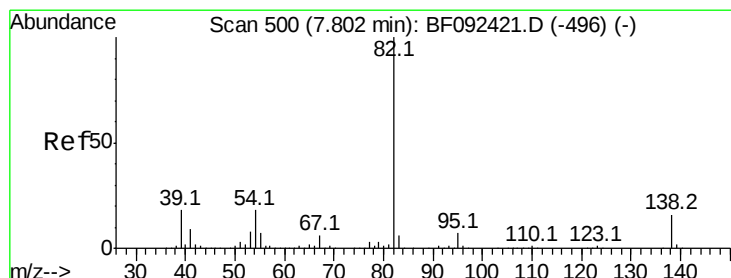
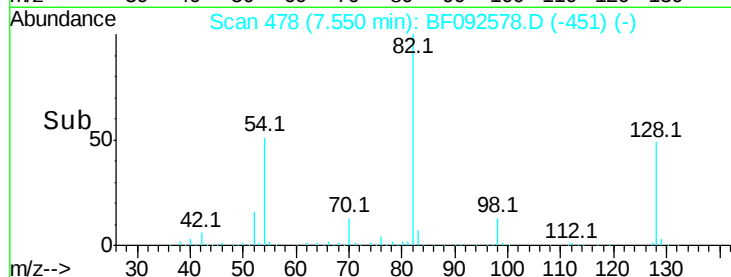
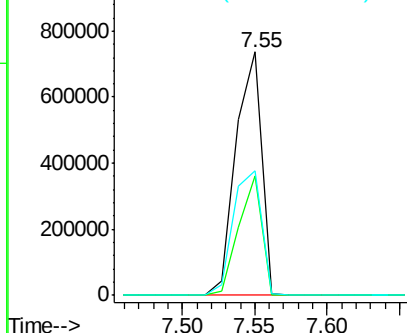
#23
 Nitrobenzene-d5
 Concen: 80.41 ng
 RT: 7.55 min Scan# 478
 Delta R.T. 0.01 min
 Lab File: BF092578.D
 Acq: 27 Jan 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	907405
Ion Ratio	100	Lower	Upper
128	49.1	34.6	52.0
54	51.3	39.5	59.3

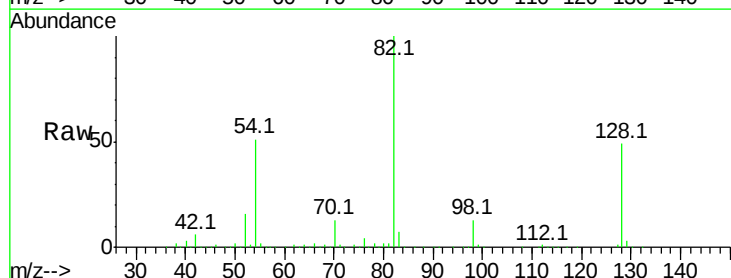


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

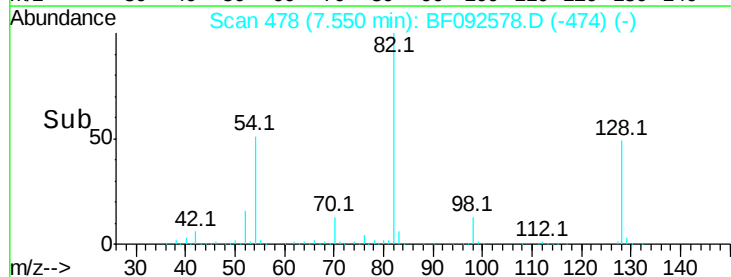
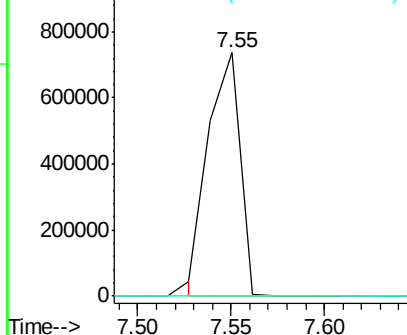


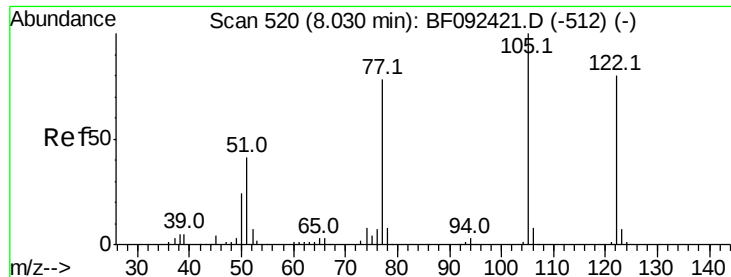
#25
 Isophorone
 Concen: 39.31 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.25 min
 Lab File: BF092578.D
 Acq: 27 Jan 2017 15:39

Tgt Ion	82	Resp	874045
Ion Ratio	100	Lower	Upper
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#32

Benzoic acid

Concen: 4.80 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

Instrument :

BNA_F

ClientSampleId :

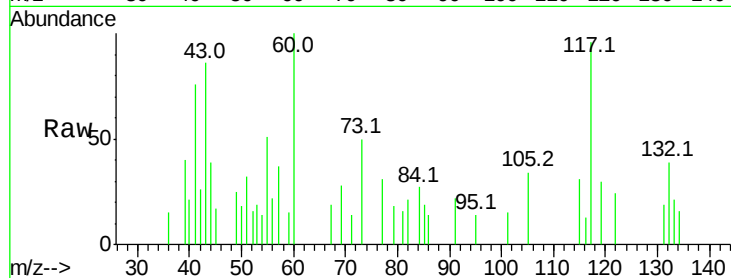
Tot Ion:122 Resp: 907

Ion Ratio Lower Upper

122 100

105 139.4 107.2 147.2

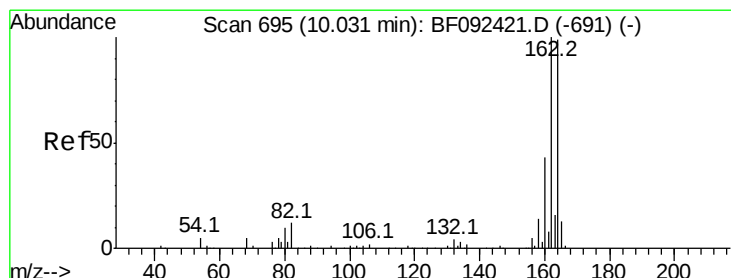
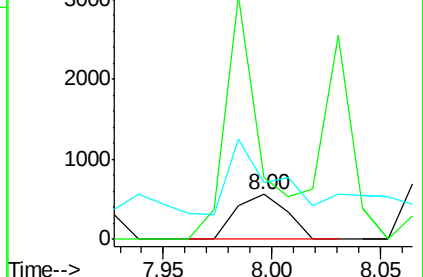
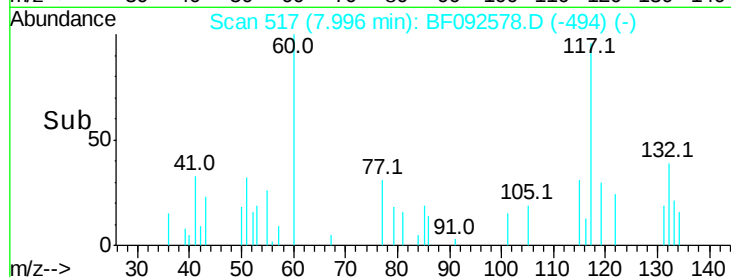
77 125.9 74.5 114.5#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

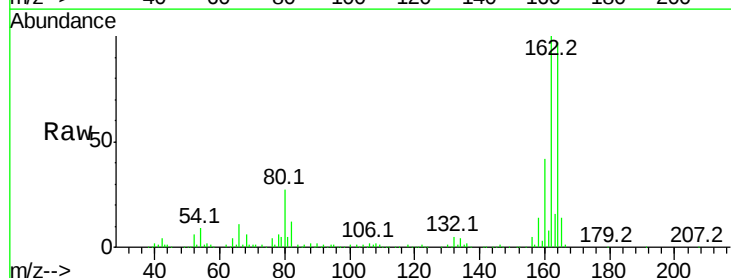
Tgt Ion:164 Resp: 263646

Ion Ratio Lower Upper

164 100

162 103.0 80.2 120.2

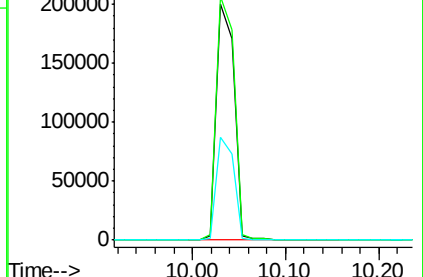
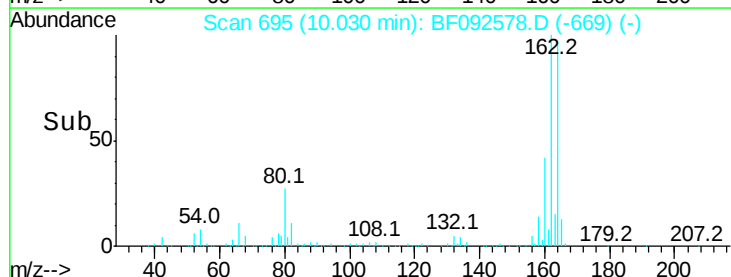
160 43.4 36.9 55.3

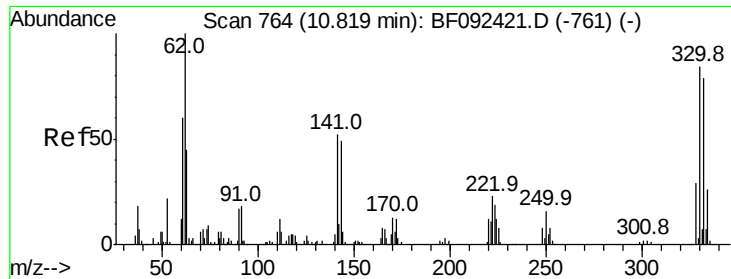


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

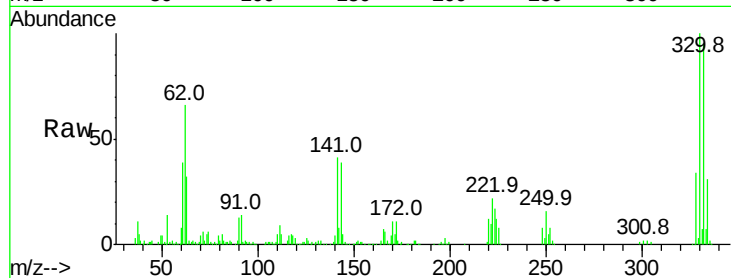




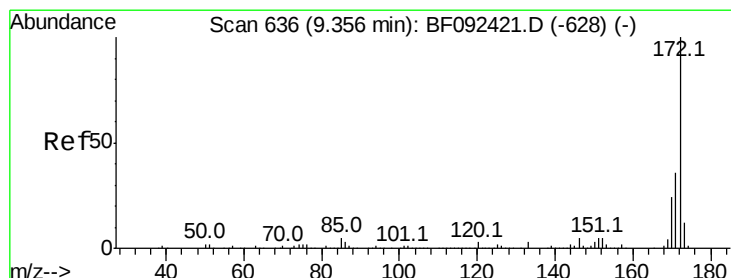
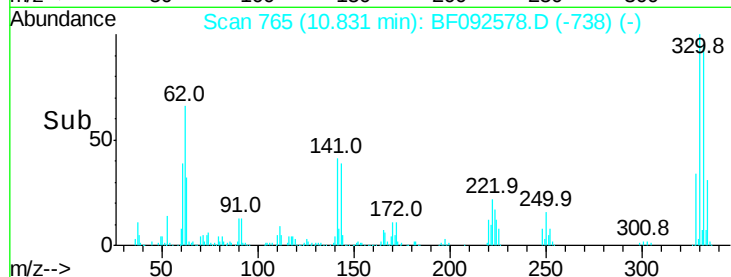
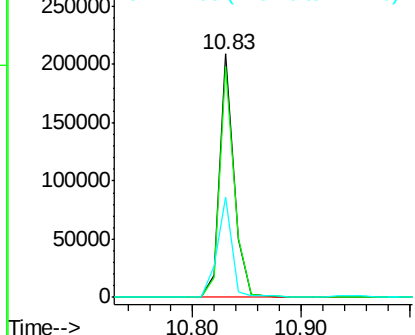
#41
 2,4,6-Tribromophenol
 Concen: 108.81 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092578.D
 Acq: 27 Jan 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 195493
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 41.9 34.1 51.1

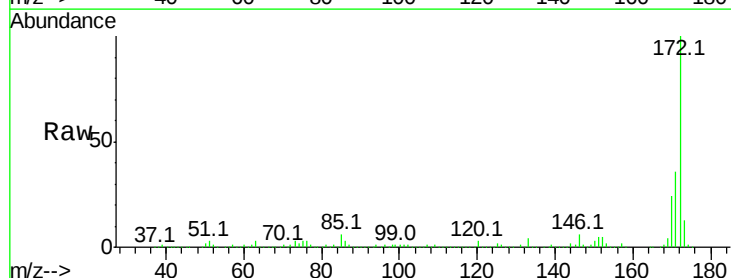


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

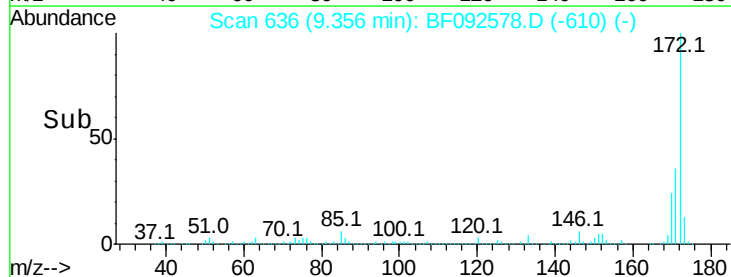
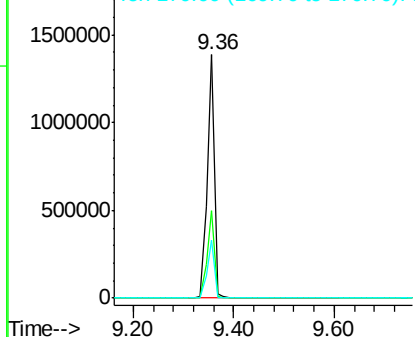


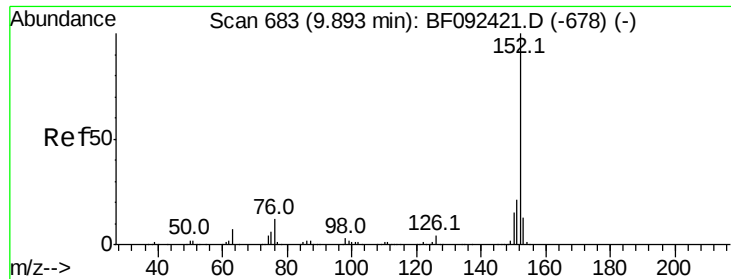
#44
 2-Fluorobiphenyl
 Concen: 95.74 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092578.D
 Acq: 27 Jan 2017 15:39

Tgt Ion:172 Resp: 1365011
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 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

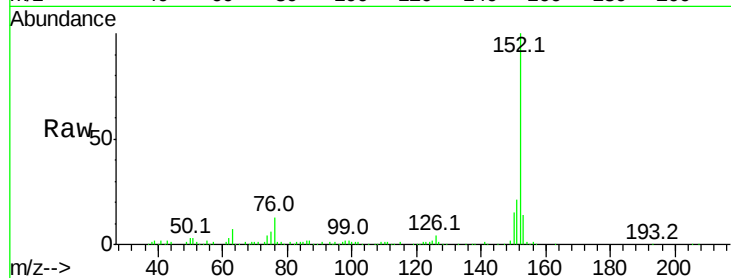




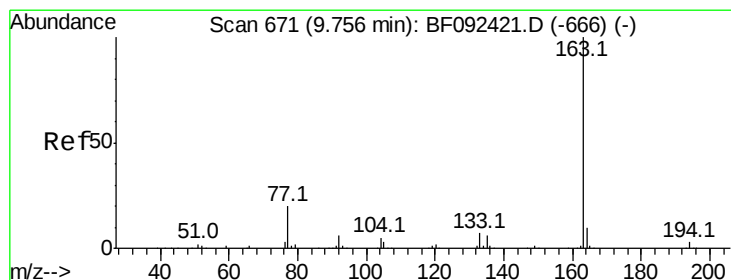
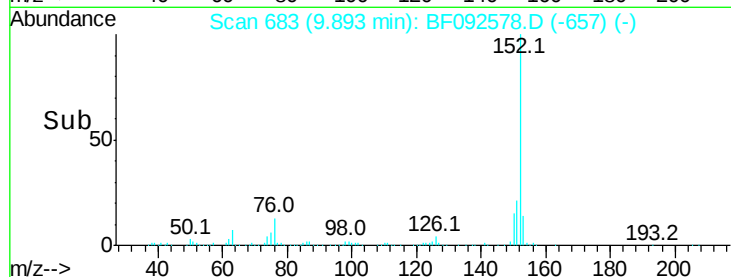
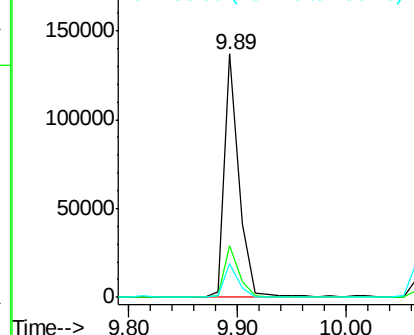
#48
Acenaphthylene
Concen: 5.69 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF092578.D
Acq: 27 Jan 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.9	25.3
153	13.7	11.4	17.2

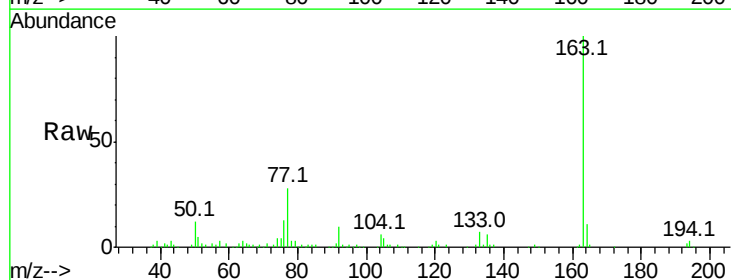


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

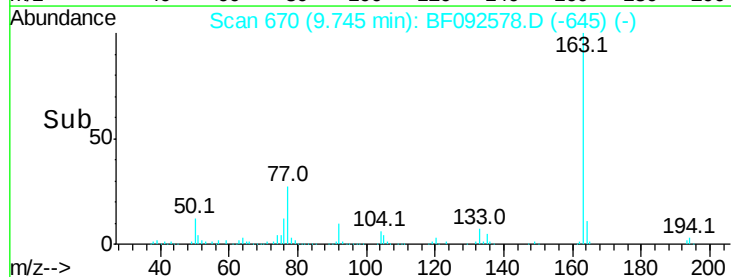
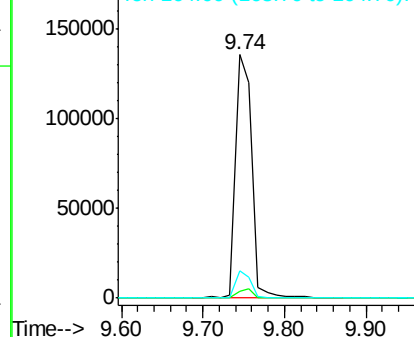


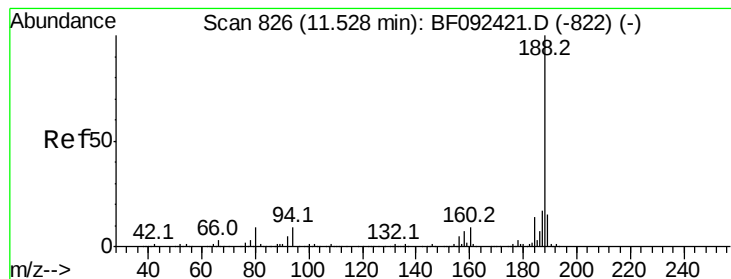
#49
Dimethylphthalate
Concen: 11.16 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092578.D
Acq: 27 Jan 2017 15:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	11.1	8.0	12.0



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.53 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

Instrument :

BNA_F

ClientSampled :

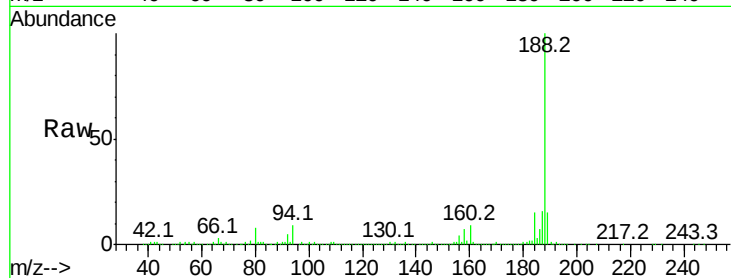
Tot Ion:188 Resp: 389527

Ion Ratio Lower Upper

188 100

94 8.6 10.0 15.0#

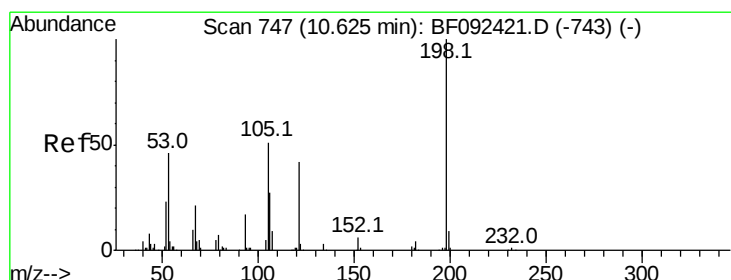
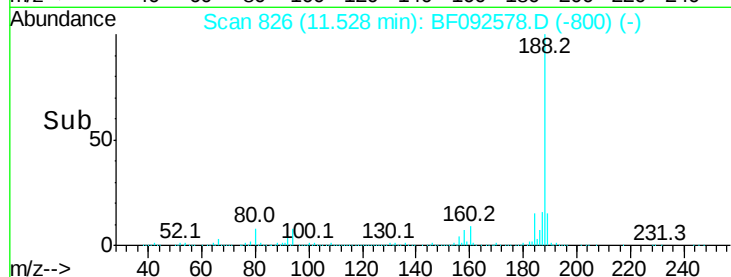
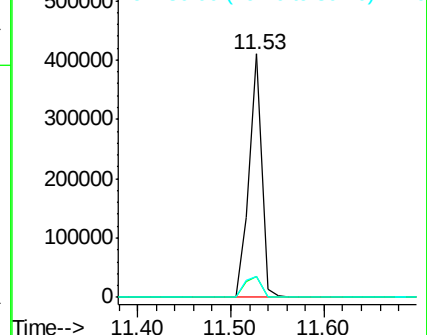
80 8.4 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 5.16 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

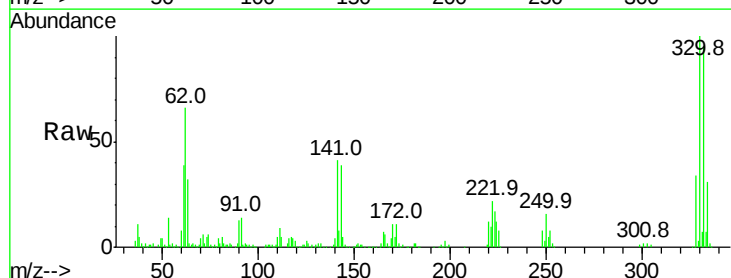
Tgt Ion:198 Resp: 479

Ion Ratio Lower Upper

198 100

51 222.9 6.7 46.7#

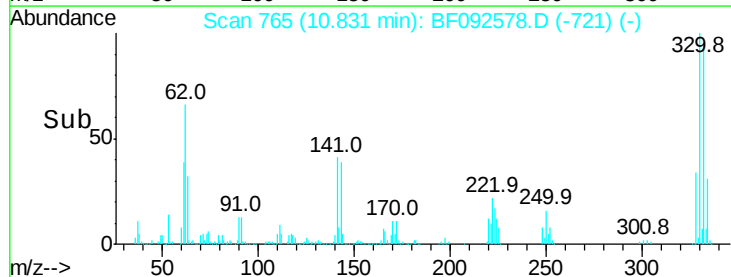
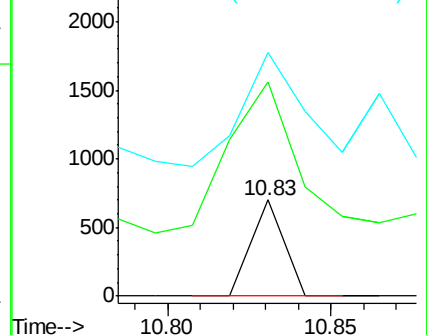
105 253.9 16.6 56.6#

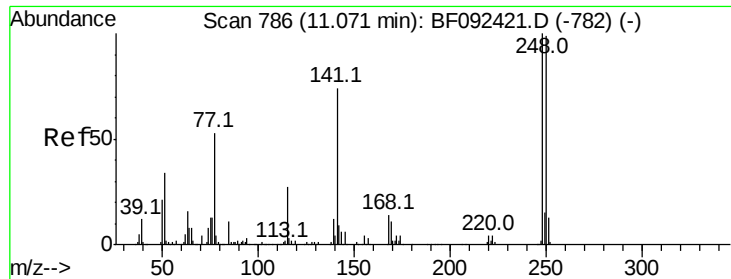


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

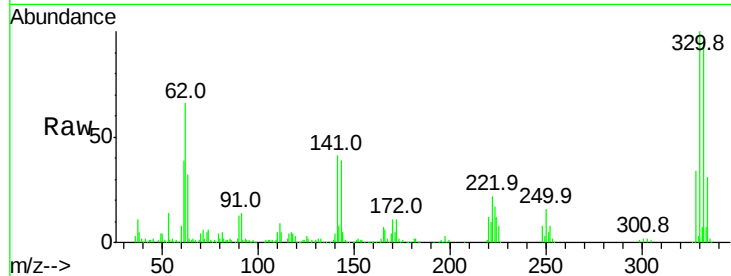




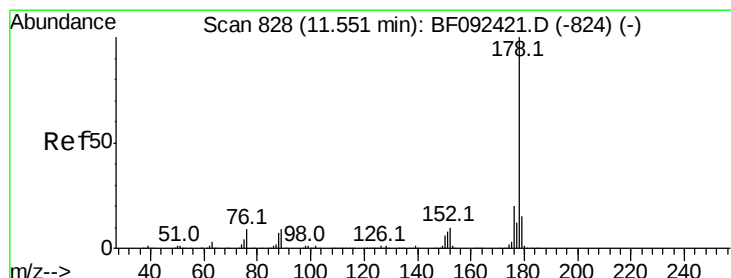
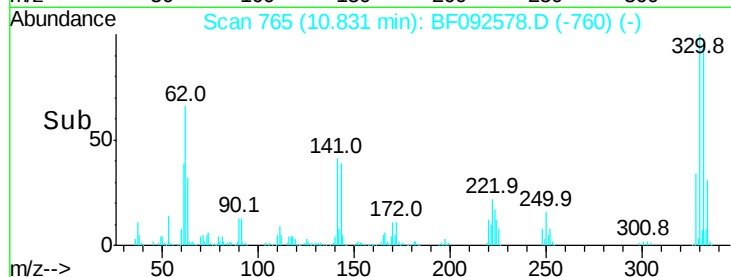
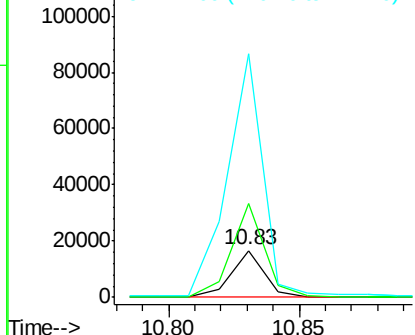
#66
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.24 min
Lab File: BF092578.D
Acq: 27 Jan 2017 15:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 14459
Ion Ratio Lower Upper
248 100
250 200.6 76.9 115.3#
141 522.7 68.2 102.4#

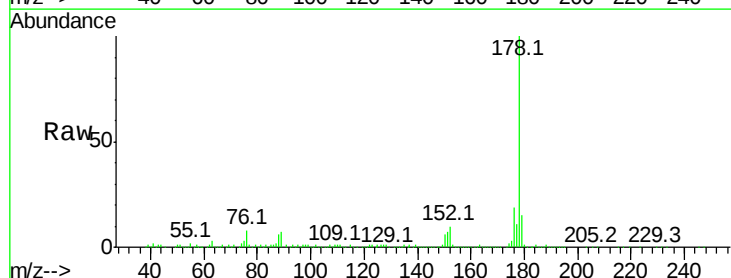


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

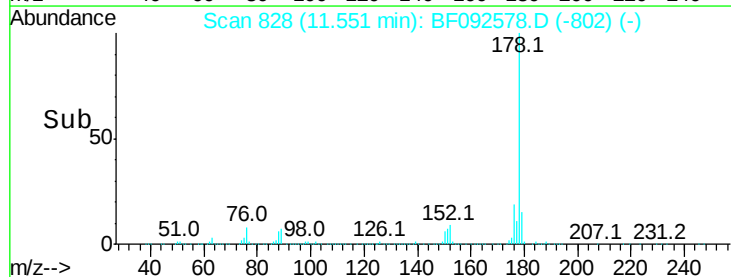
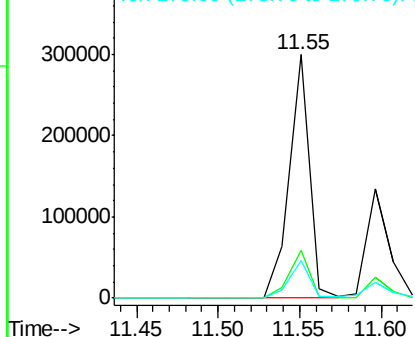


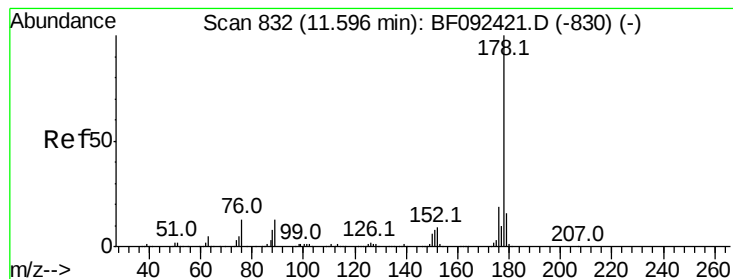
#70
Phenanthrene
Concen: 12.06 ng
RT: 11.55 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF092578.D
Acq: 27 Jan 2017 15:39

Tgt Ion:178 Resp: 258760
Ion Ratio Lower Upper
178 100
176 19.4 16.6 25.0
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





#71

Anthracene

Concen: 6.35 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

Instrument :

BNA_F

ClientSampleId :

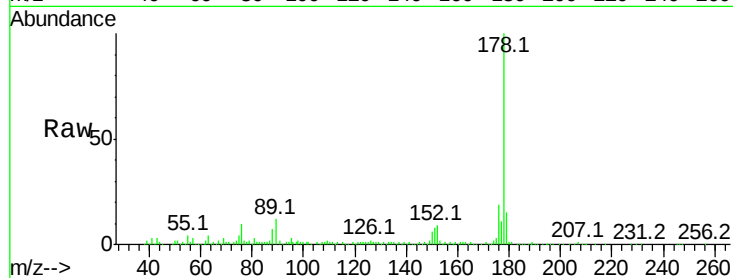
Tot Ion:178 Resp: 133037

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

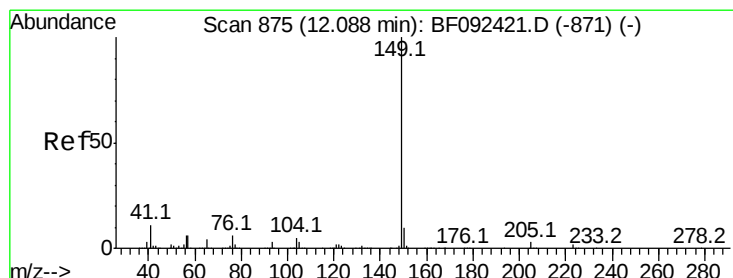
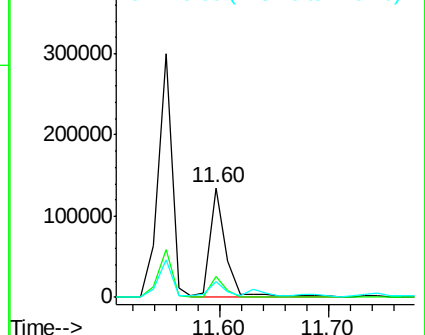
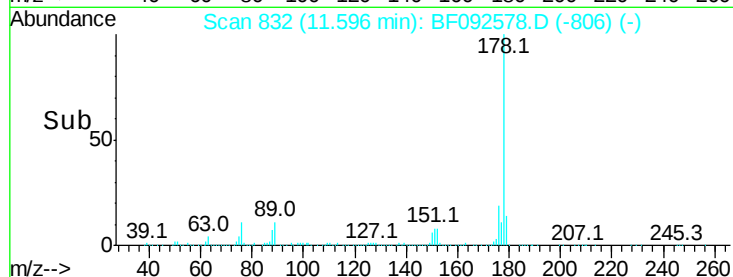
179 15.0 13.2 19.8



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

Di-n-butylphthalate

Concen: 12.10 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

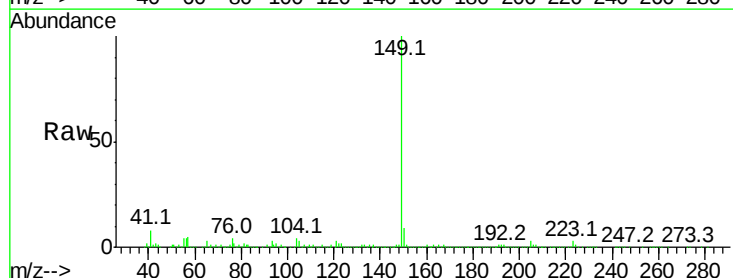
Tgt Ion:149 Resp: 277036

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

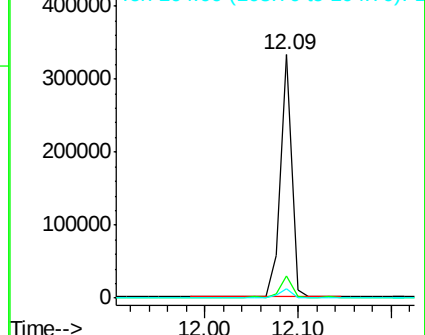
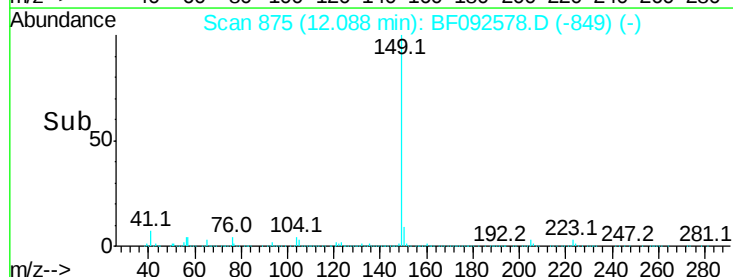
104 3.8 4.6 7.0#

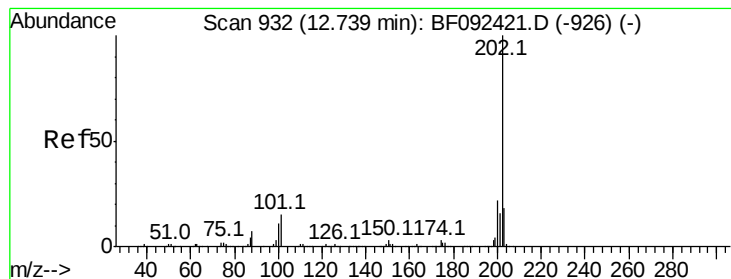


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 29.28 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

Instrument :

BNA_F

ClientSampleId :

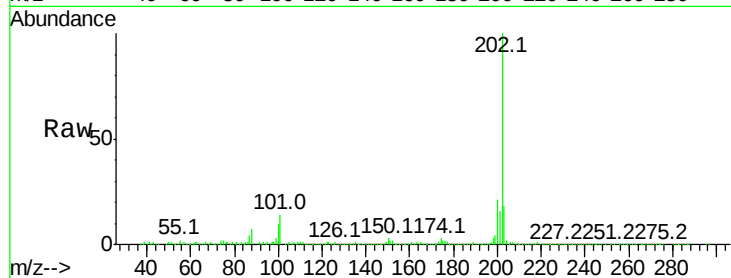
Tot Ion:202 Resp: 614382

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.6

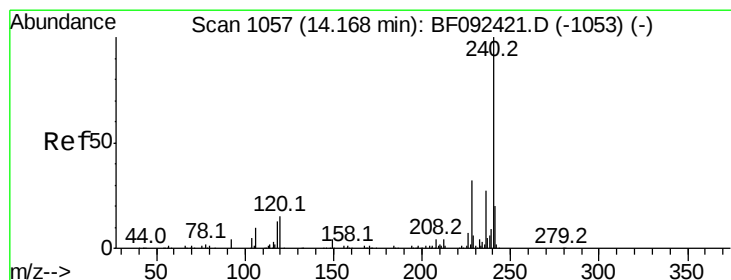
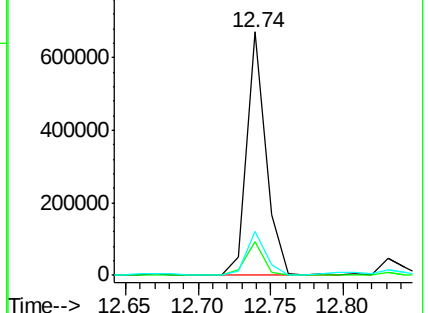
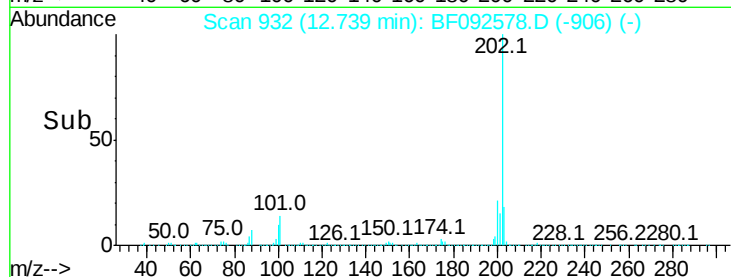
203 18.2 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

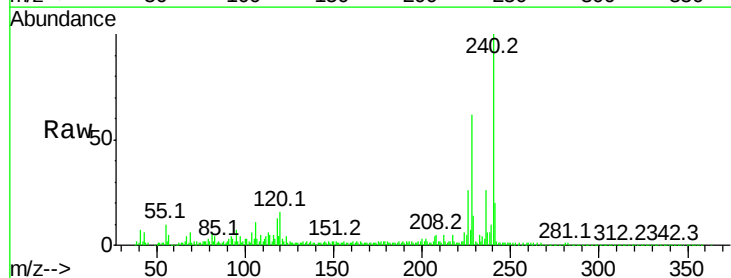
Tgt Ion:240 Resp: 315002

Ion Ratio Lower Upper

240 100

120 15.5 12.9 19.3

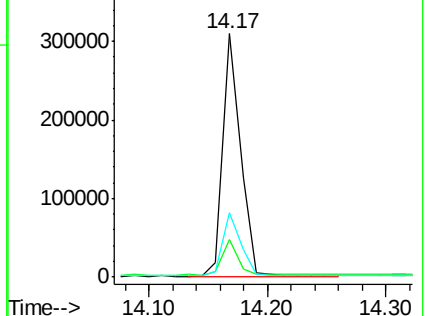
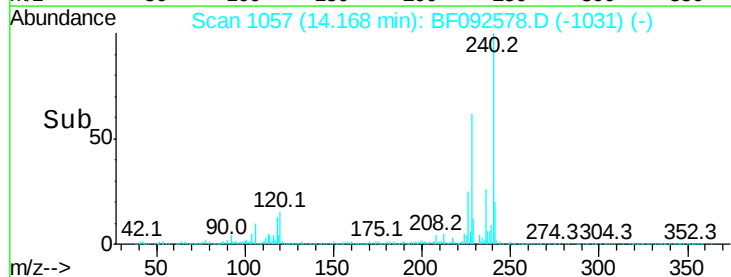
236 26.2 20.9 31.3

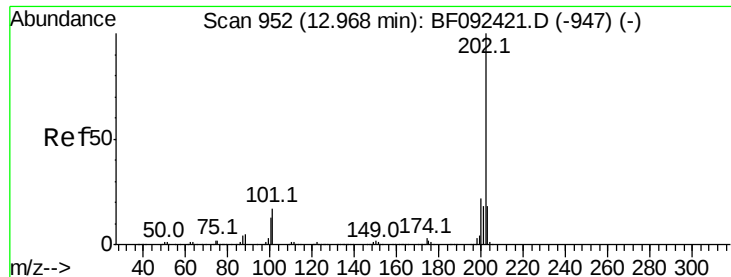


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 26.62 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

Instrument :
BNA_F
ClientSampleId :

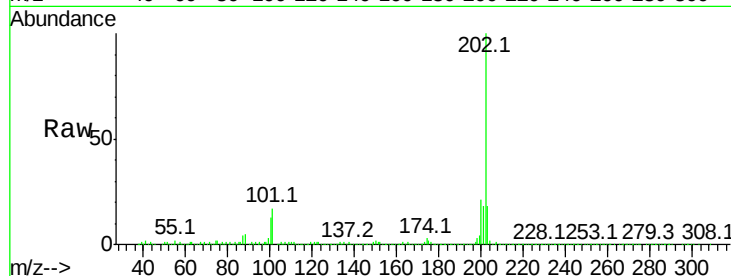
Tot Ion:202 Resp: 607671

Ion Ratio Lower Upper

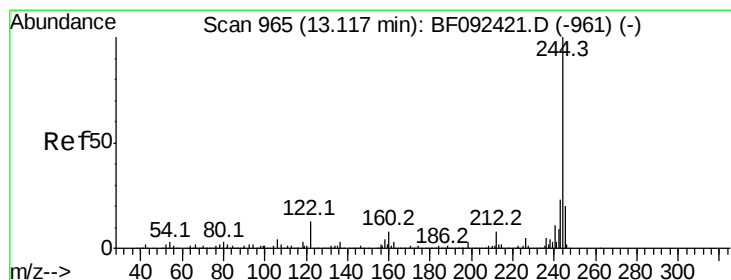
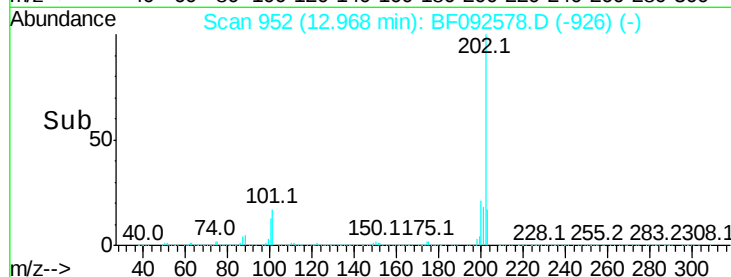
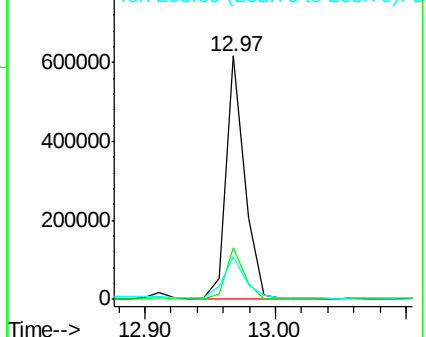
202 100

200 21.3 17.7 26.5

203 17.7 14.7 22.1



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: 80.11 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

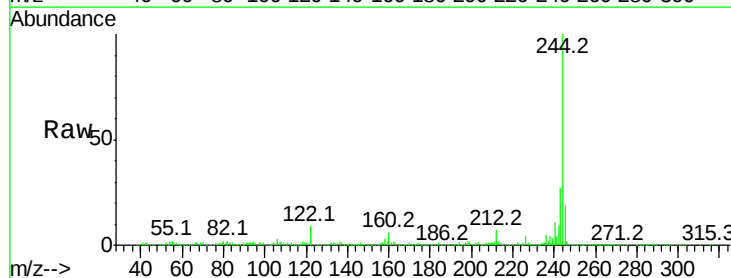
Tgt Ion:244 Resp: 947662

Ion Ratio Lower Upper

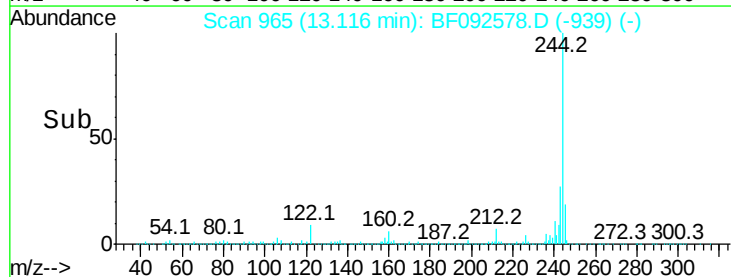
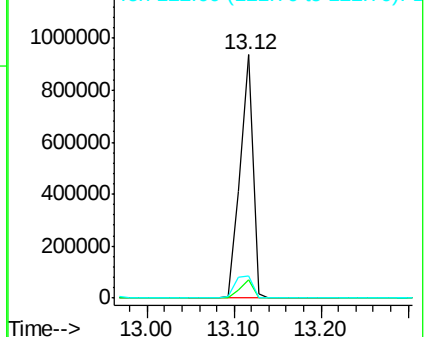
244 100

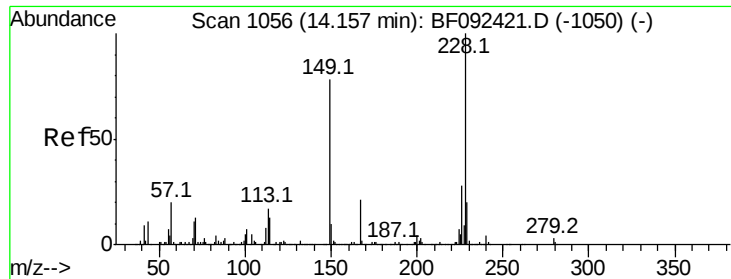
212 7.3 6.2 9.2

122 9.4 11.4 17.2#



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

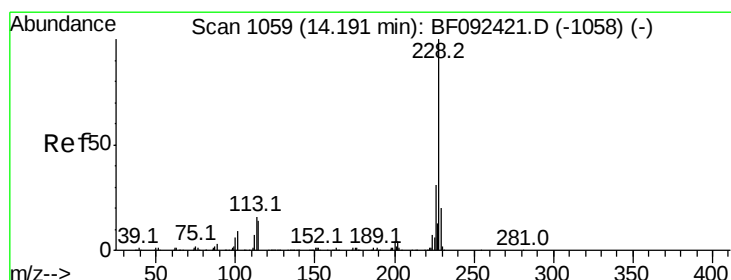
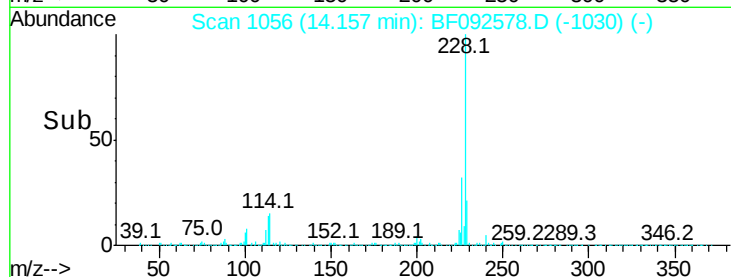
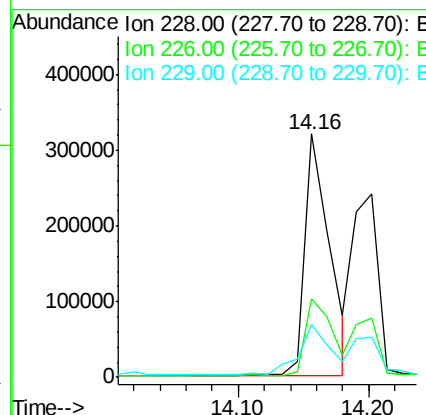
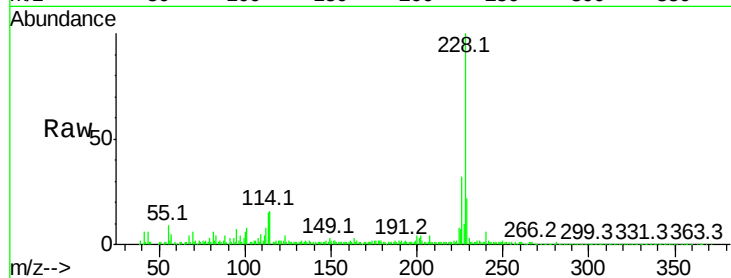




#80
Benzo(a)anthracene
Concen: 24.98 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF092578.D
Acq: 27 Jan 2017 15:39

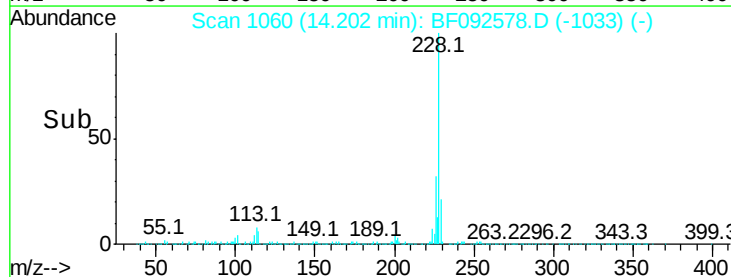
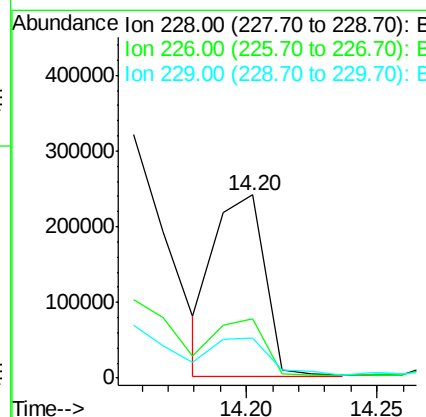
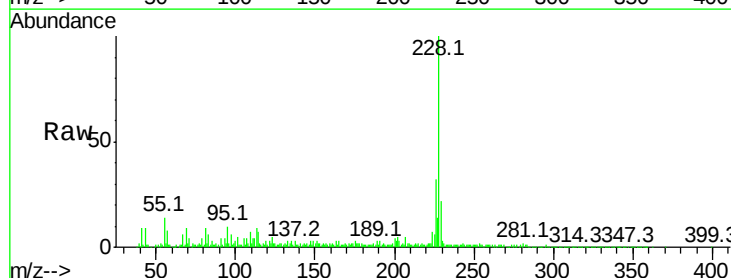
Instrument :
BNA_F
ClientSampleId :

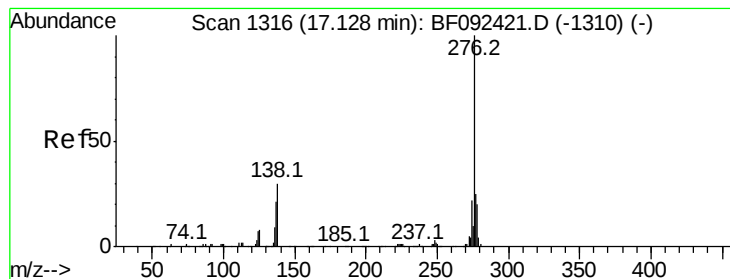
Tot Ion:228 Resp: 422960
Ion Ratio Lower Upper
228 100
226 32.4 22.4 33.6
229 21.7 16.2 24.4



#82
Chrysene
Concen: 17.76 ng
RT: 14.20 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF092578.D
Acq: 27 Jan 2017 15:39

Tgt Ion:228 Resp: 321060
Ion Ratio Lower Upper
228 100
226 32.2 25.4 38.0
229 22.2 16.2 24.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 12.25 ng

RT: 17.17 min Scan# 1320

Delta R.T. 0.05 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

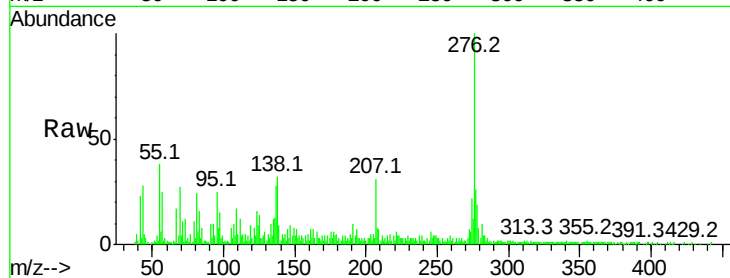
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 163831

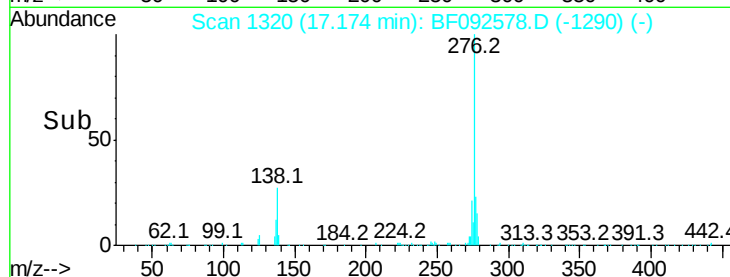
Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.8	32.6
277	26.9	20.2	30.4



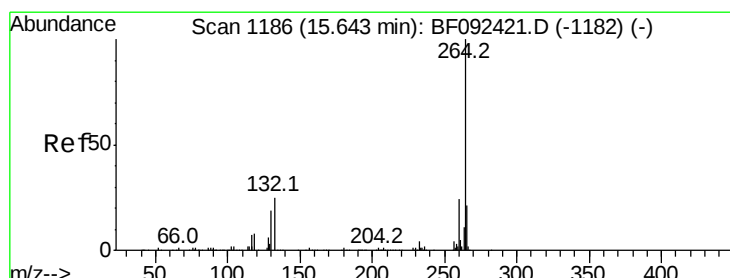
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.68 min Scan# 1189

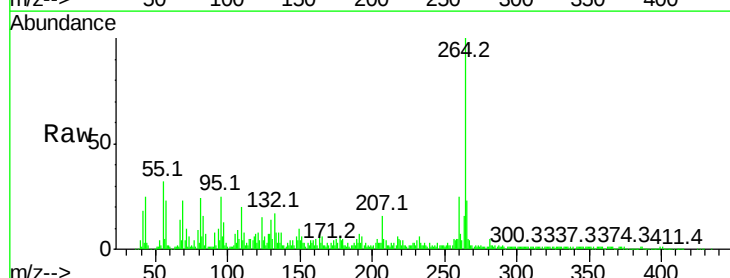
Delta R.T. 0.03 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

Tgt Ion:264 Resp: 229558

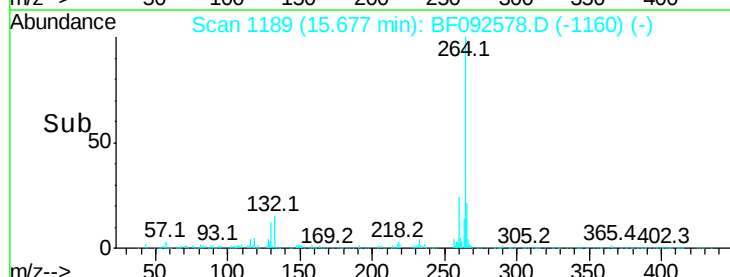
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.8	17.4	26.0



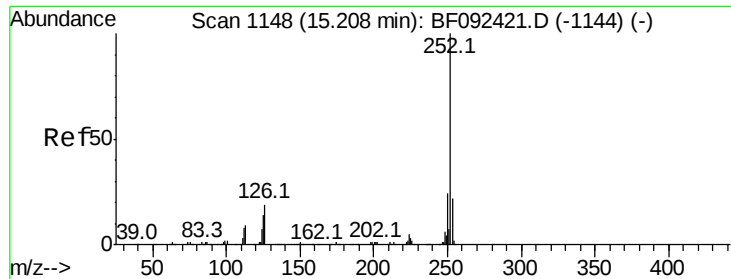
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



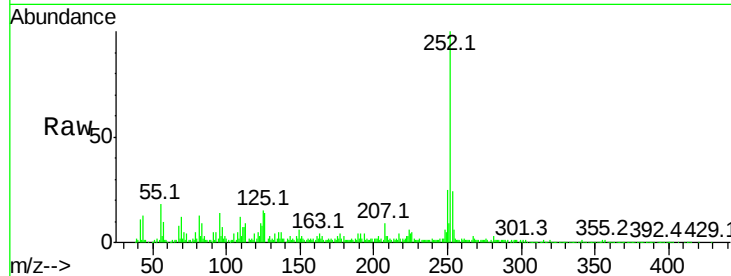
Time-->



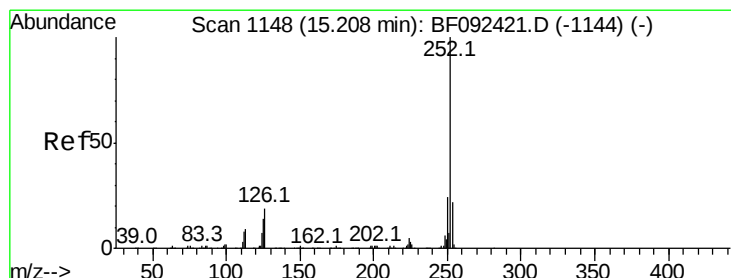
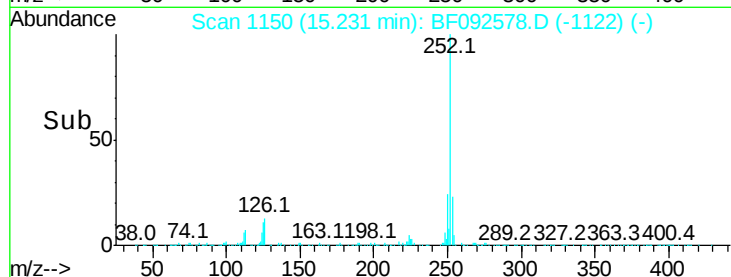
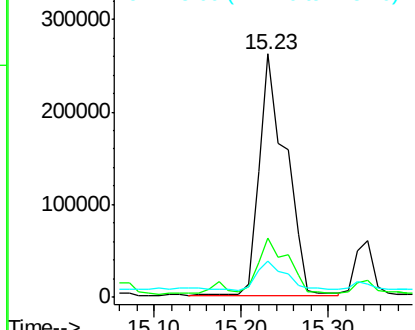
#87
Benzo(b)fluoranthene
Concen: 37.43 ng
RT: 15.23 min Scan# 1150
Delta R.T. 0.02 min
Lab File: BF092578.D
Acq: 27 Jan 2017 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.4
125	14.7	9.8	14.6#

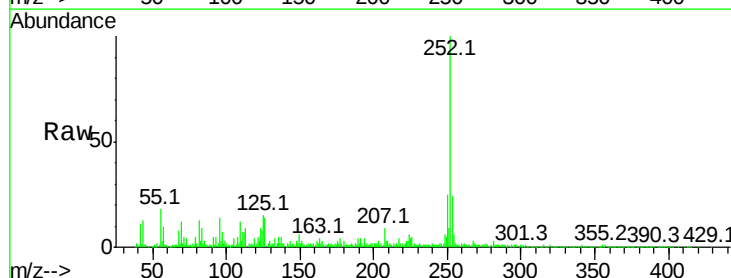


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

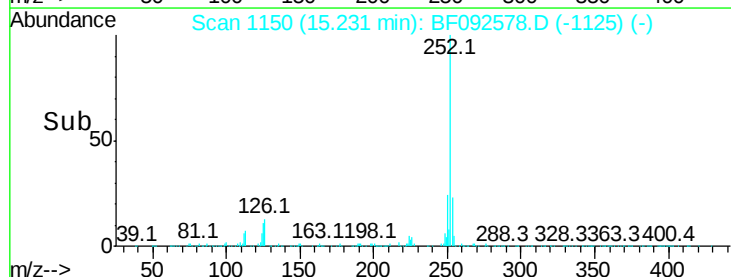
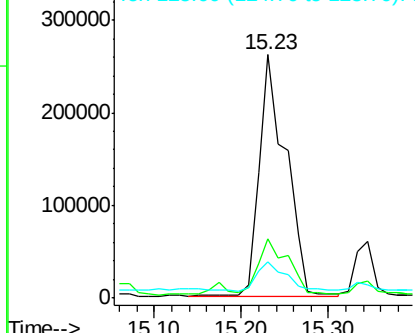


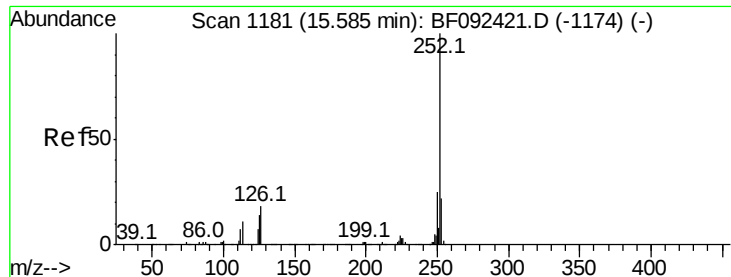
#88
Benzo(k)fluoranthene
Concen: 45.01 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092578.D
Acq: 27 Jan 2017 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	14.7	8.9	13.3#



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(a)pyrene

Concen: 21.81 ng

RT: 15.61 min Scan# 1183

Delta R.T. 0.02 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

Instrument :

BNA_F

ClientSampleId :

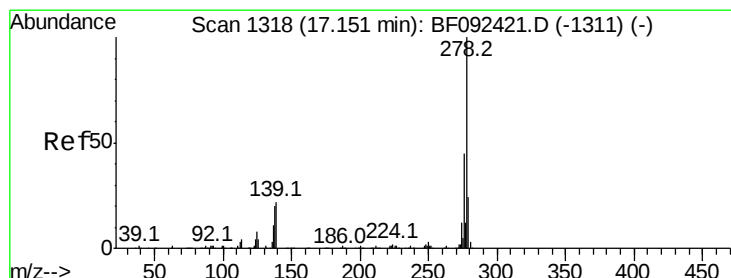
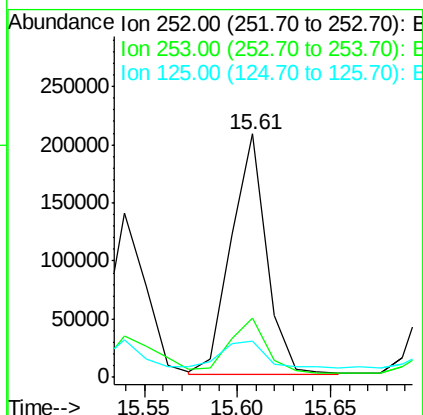
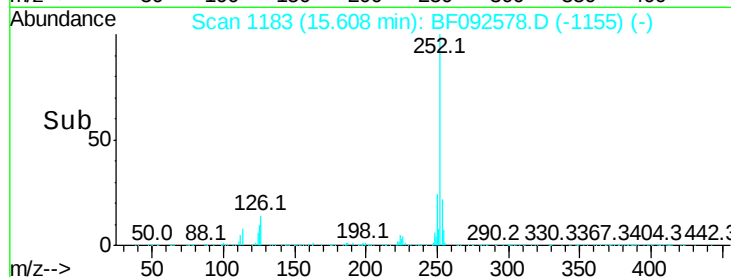
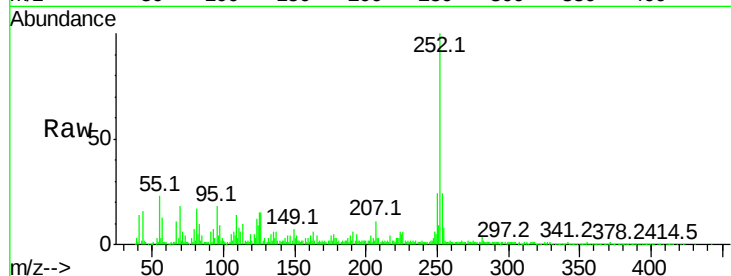
Tot Ion:252 Resp: 271951

Ion Ratio Lower Upper

252 100

253 24.3 18.2 27.2

125 14.7 10.0 15.0



#90

Dibenzo(a,h)anthracene

Concen: 4.03 ng

RT: 17.19 min Scan# 1321

Delta R.T. 0.03 min

Lab File: BF092578.D

Acq: 27 Jan 2017 15:39

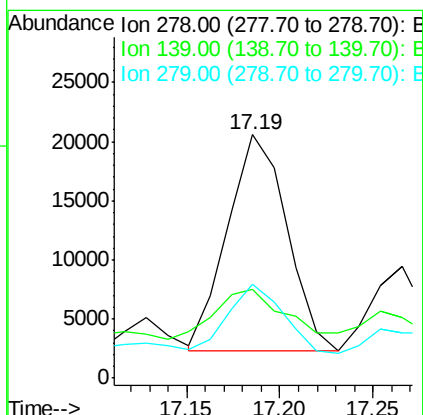
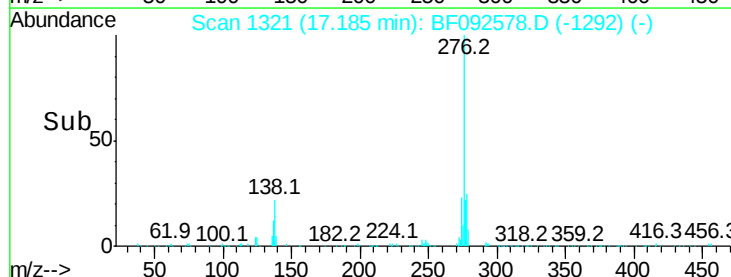
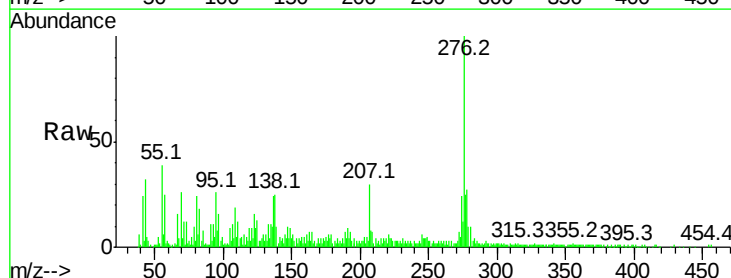
Tgt Ion:278 Resp: 40617

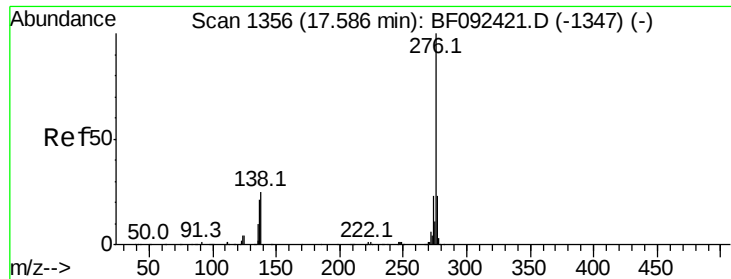
Ion Ratio Lower Upper

278 100

139 36.5 14.8 22.2#

279 38.5 19.8 29.6#





#91
 Benzo(a,h,i)perylene
 Concen: 14.88 ng
 RT: 17.63 min Scan# 1360
 Delta R.T. 0.05 min
 Lab File: BF092578.D
 Acq: 27 Jan 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.2	28.8
138	30.5	16.0	24.0

