

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092596.D
 Acq On : 28 Jan 2017 00:38
 Operator : SJ/MA
 Sample : I1531-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S2C2

Quant Time: Jan 28 04:14:43 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	175258	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	669978	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	305493	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	447701	20.00	ng	0.00
75) Chrysene-d12	14.17	240	327873	20.00	ng	0.00
86) Perylene-d12	15.65	264	266003	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1540319	136.74	ng	0.05
7) Phenol-d6	6.62	99	1744117	121.55	ng	0.03
23) Nitrobenzene-d5	7.55	82	1277585	104.17	ng	0.01
41) 2,4,6-Tribromophenol	10.83	330	290416	139.50	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1902855	115.18	ng	0.00
78) Terphenyl-d14	13.12	244	1306174	106.08	ng	0.00

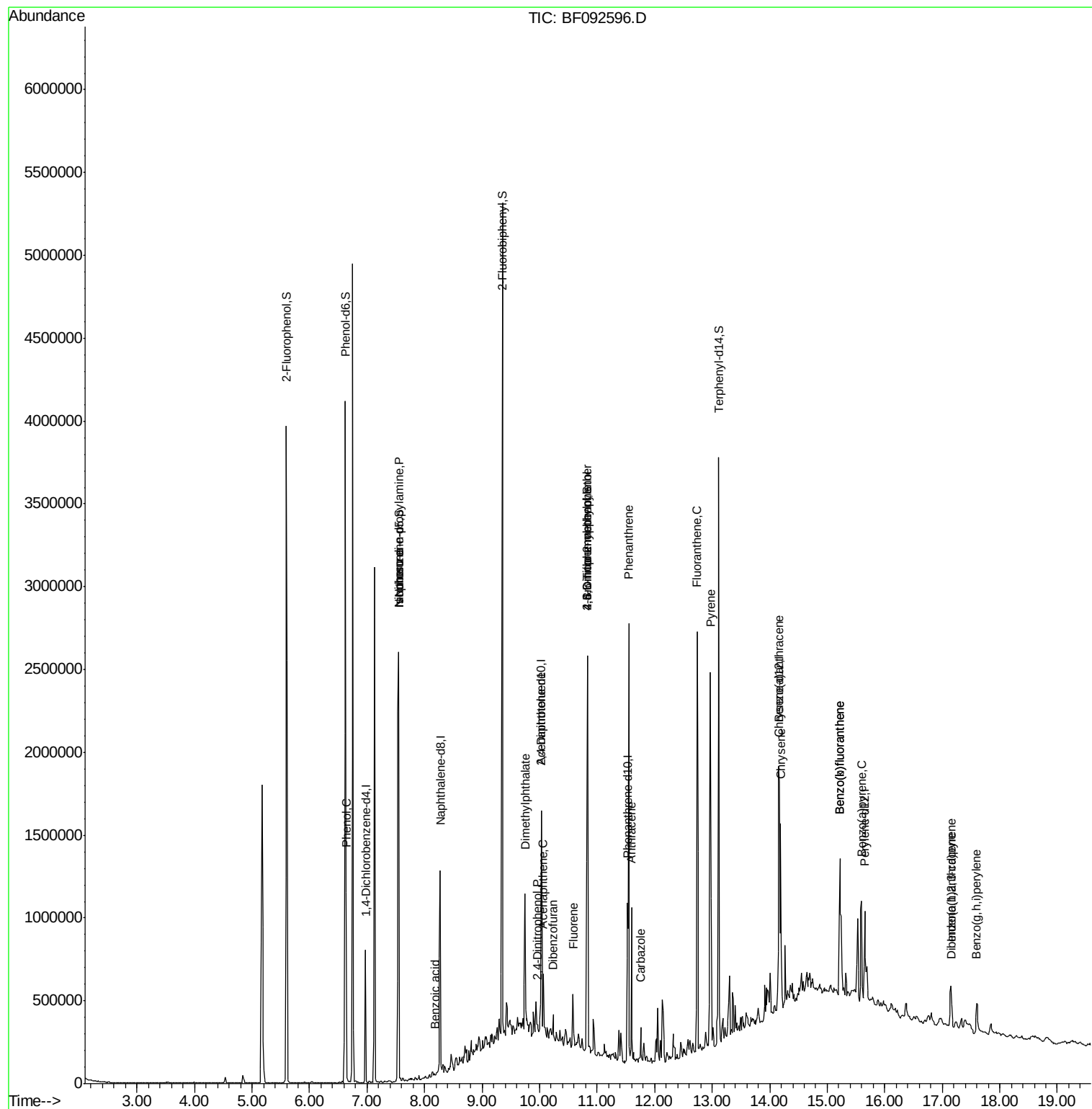
Target Compounds						Qvalue
10) Phenol	6.64	94	94347	5.45	ng	80
19) n-Nitroso-di-n-propylamine	7.55	70	170072	17.41	ng	# 78
25) Isophorone	7.55	82	1129010	46.71	ng	# 65
32) Benzoic acid	8.18	122	234	4.72	ng	# 54
49) Dimethylphthalate	9.74	163	255818	13.17	ng	98
51) Acenaphthene	10.06	154	62248	3.79	ng	96
53) 2,4-Dinitrophenol	9.96	184	363	3.10	ng	# 71
54) Dibenzofuran	10.24	168	49675	2.23	ng	93
56) 2,4-Dinitrotoluene	10.03	165	43952	8.34	ng	# 20
57) Fluorene	10.58	166	80621	4.87	ng	96
64) 4,6-Dinitro-2-methylphenol	10.83	198	2514	5.89	ng	# 1
66) 4-Bromophenyl-phenylether	10.83	248	23148	5.12	ng	# 1
70) Phenanthrene	11.55	178	1020969	41.41	ng	99
71) Anthracene	11.60	178	358038	14.86	ng	98
72) Carbazole	11.76	167	72088	3.13	ng	97
74) Fluoranthene	12.74	202	1229546	50.99	ng	98
77) Pyrene	12.97	202	1080952	45.50	ng	99
80) Benzo(a)anthracene	14.16	228	617610	35.05	ng	99
82) Chrysene	14.19	228	397443	21.12	ng	98
85) Indeno(1,2,3-cd)pyrene	17.15	276	183567	13.18	ng	94
87) Benzo(b)fluoranthene	15.22	252	680001	39.82	ng	98
88) Benzo(k)fluoranthene	15.22	252	680001	47.89	ng	# 96
89) Benzo(a)pyrene	15.60	252	360495	24.95	ng	98
90) Dibenzo(a,h)anthracene	17.16	278	43140	3.69	ng	# 88
91) Benzo(g,h,i)perylene	17.60	276	175803	14.88	ng	# 89

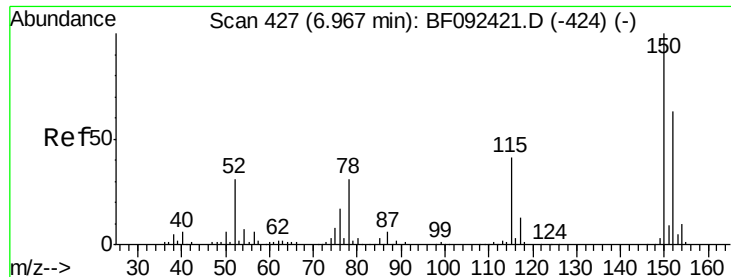
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092596.D

Acq: 28 Jan 2017 00:38

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S2C2

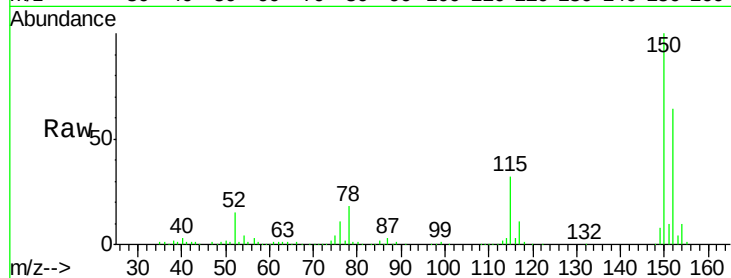
Tgt Ion:152 Resp: 175258

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

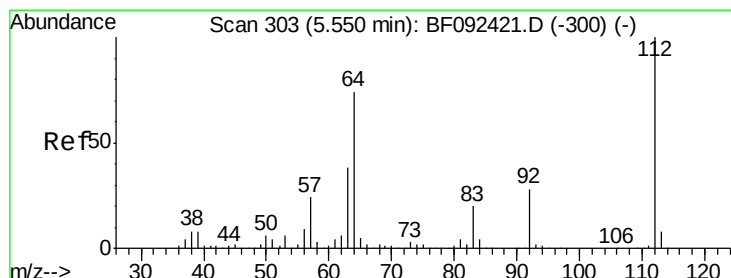
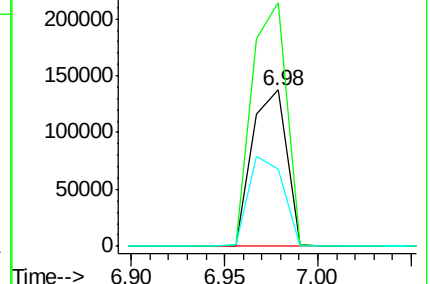
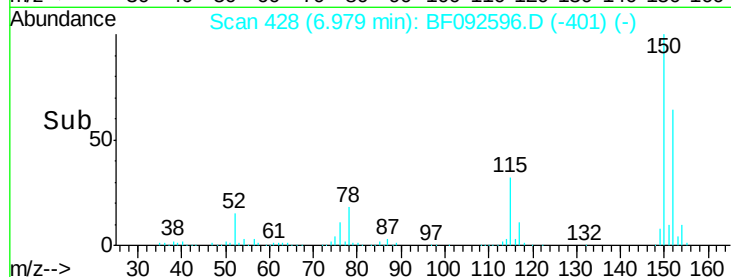
115 49.6 46.0 69.0



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: 136.74 ng

RT: 5.60 min Scan# 307

Delta R.T. 0.05 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

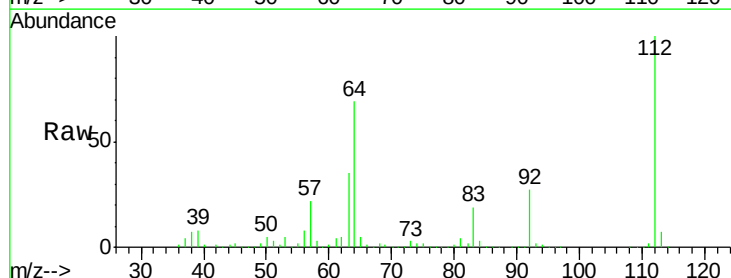
Tgt Ion:112 Resp: 1540319

Ion Ratio Lower Upper

112 100

64 69.0 46.1 69.1

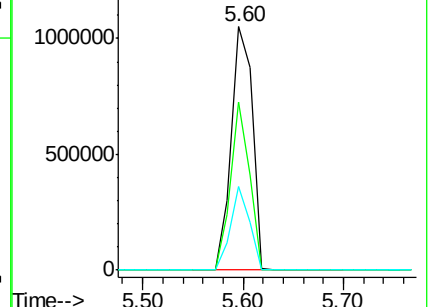
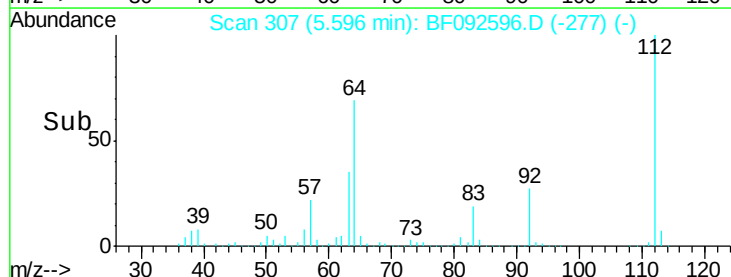
63 34.5 23.8 35.6

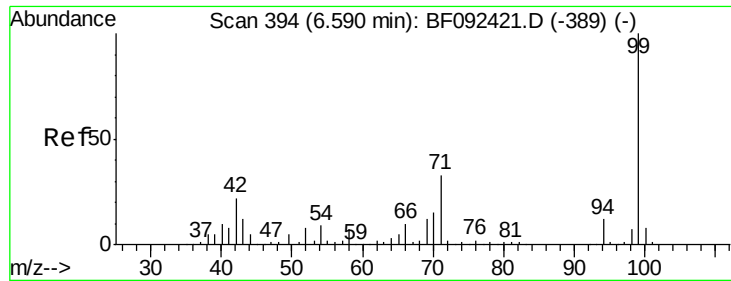


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.55 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

Instrument :

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ClientSampleId :

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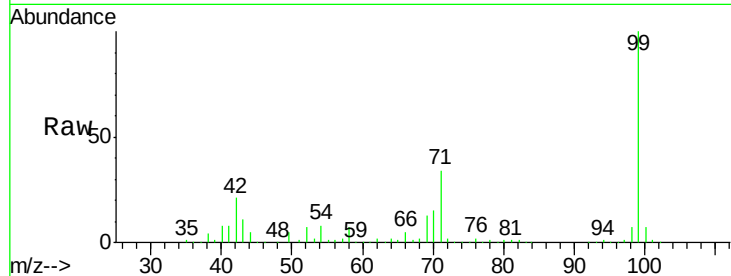
Tgt Ion: 99 Resp: 1744117

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

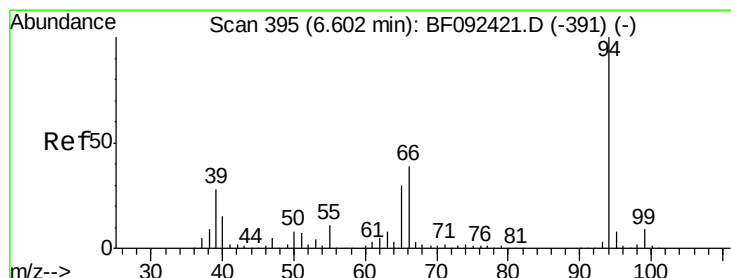
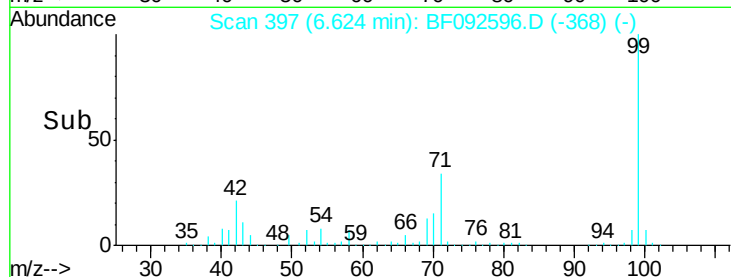
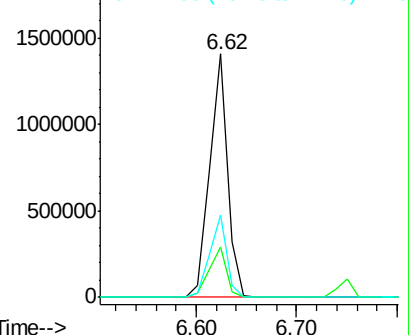
71 33.8 27.5 41.3



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: 5.45 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

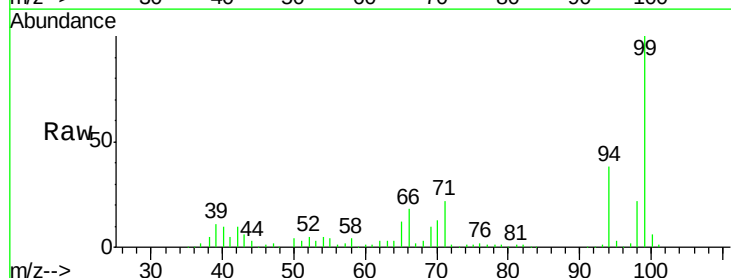
Tgt Ion: 94 Resp: 94347

Ion Ratio Lower Upper

94 100

65 31.1 21.4 61.4

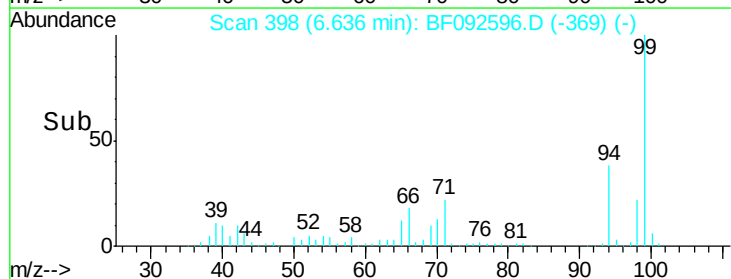
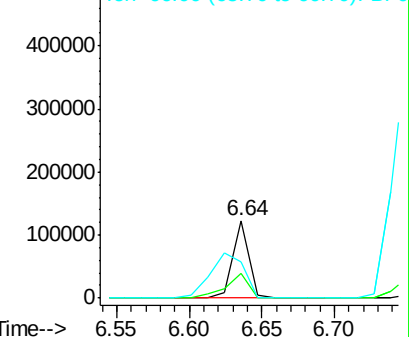
66 46.8 44.0 84.0

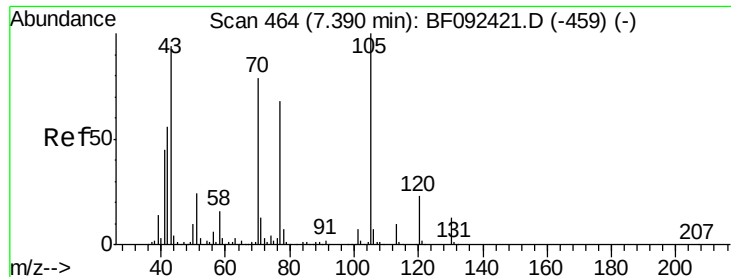


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 17.41 ng

RT: 7.55 min Scan# 478

Delta R.T. 0.16 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S2C2

Tgt Ion: 70 Resp: 170072

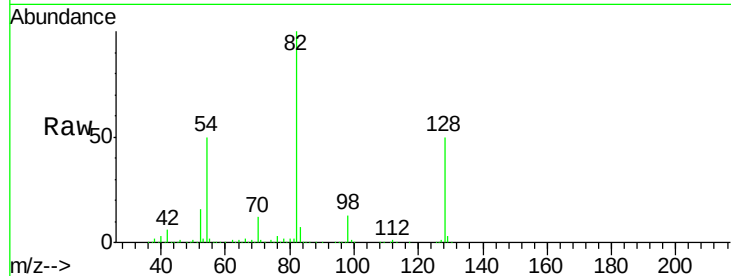
Ion Ratio Lower Upper

70 100

42 47.8 49.4 74.0#

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

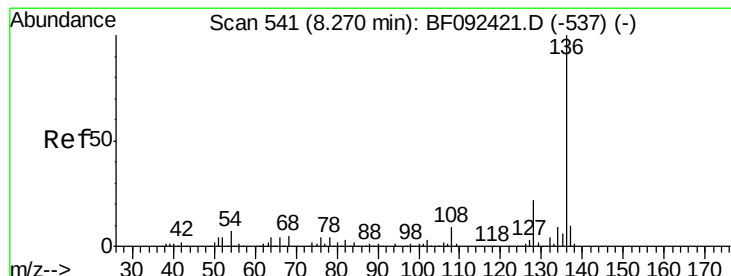
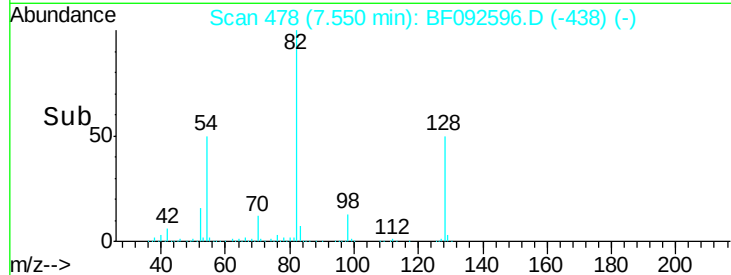
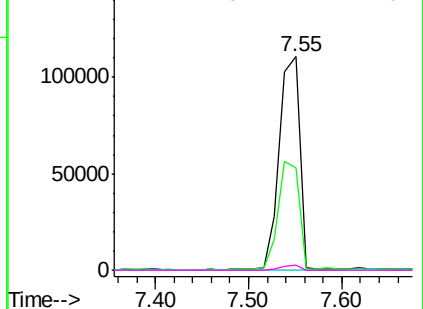


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF092596.D

Acq: 28 Jan 2017 00:38

Tgt Ion: 136 Resp: 669978

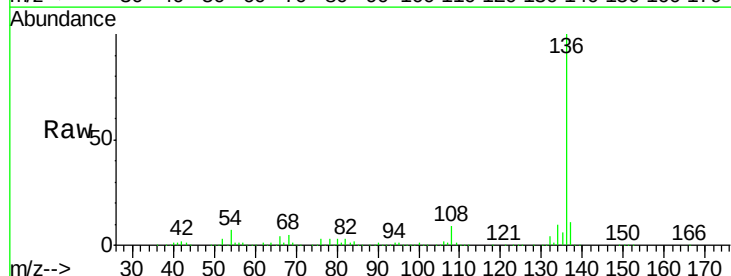
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 7.2 4.5 6.7#

68 5.4 3.6 5.4#

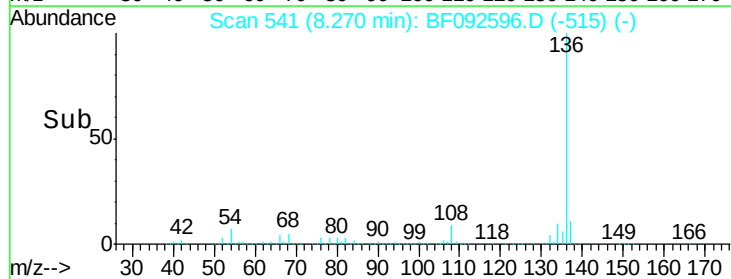
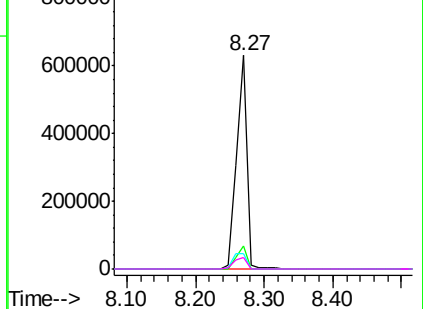


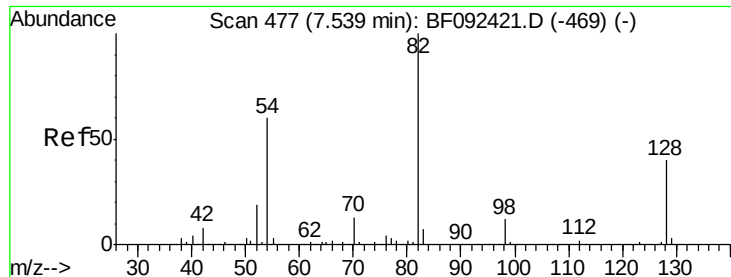
Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.17 ng

RT: 7.55 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S2C2

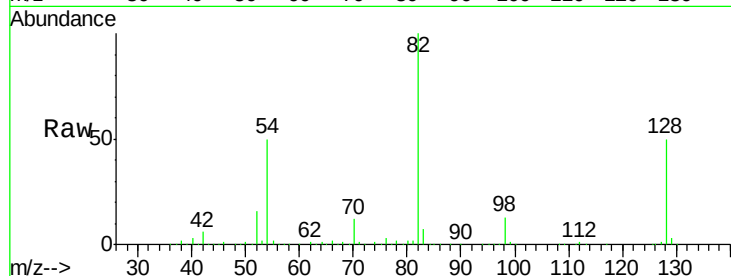
Tgt Ion: 82 Resp: 1277585

Ion Ratio Lower Upper

82 100

128 50.2 34.6 52.0

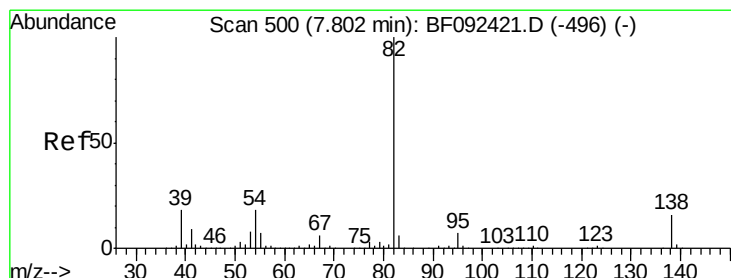
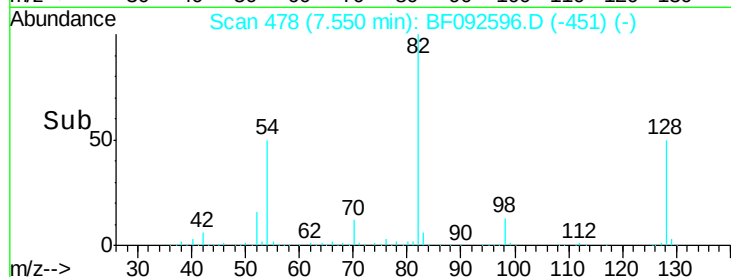
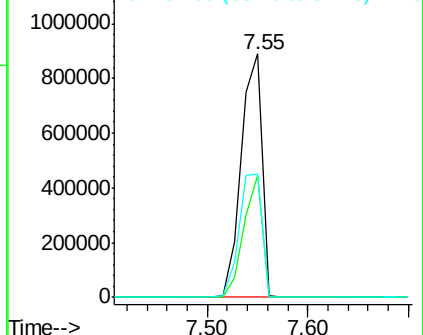
54 50.5 39.5 59.3



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: 46.71 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.25 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

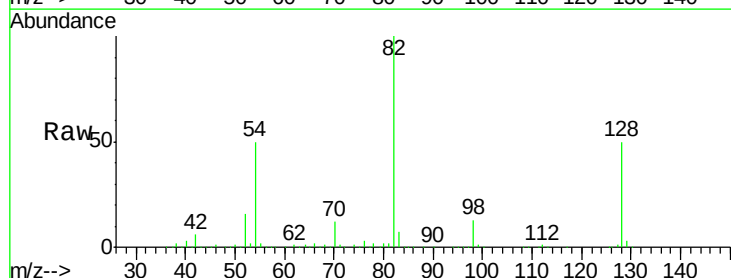
Tgt Ion: 82 Resp: 1129010

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

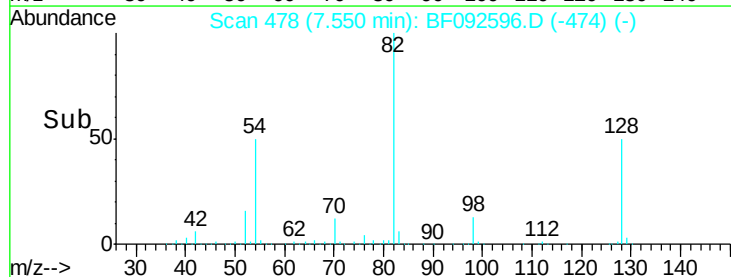
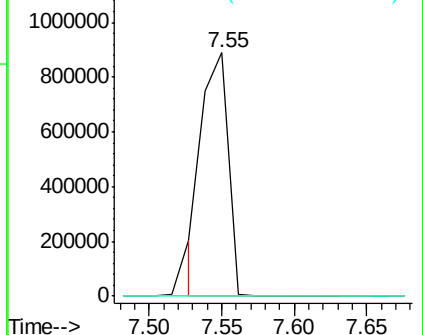
138 0.0 14.6 22.0#

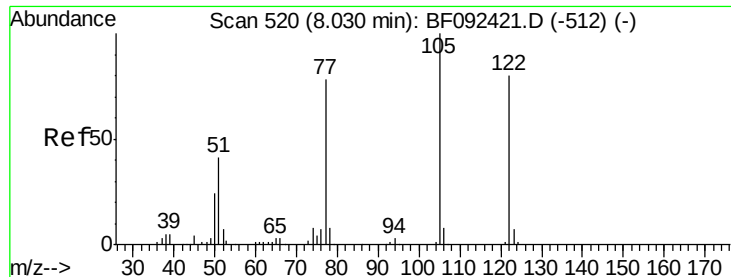


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

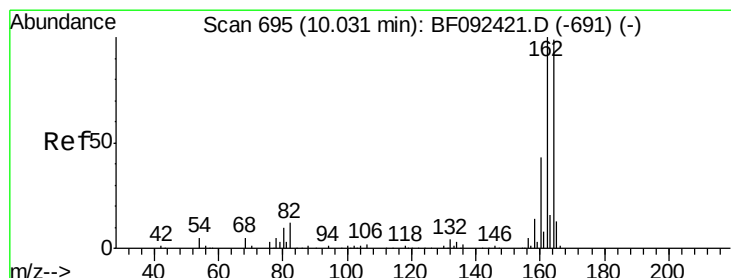
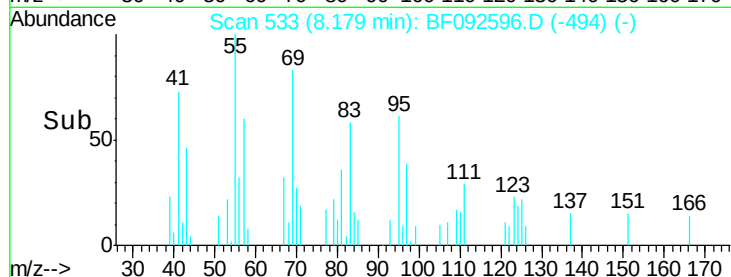
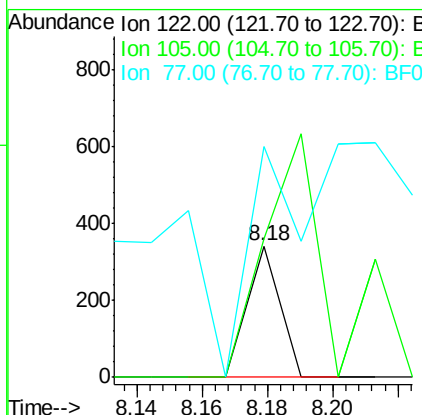
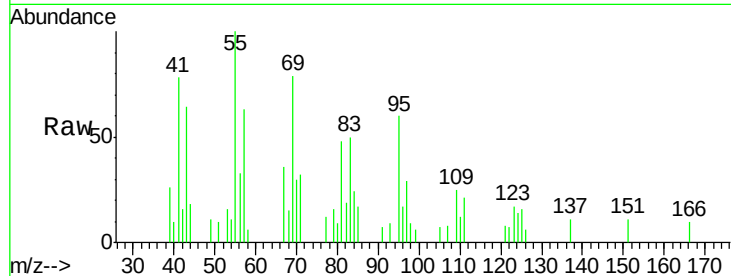




#32
Benzoic acid
Concen: 4.72 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.15 min
Lab File: BF092596.D
Acq: 28 Jan 2017 00:38

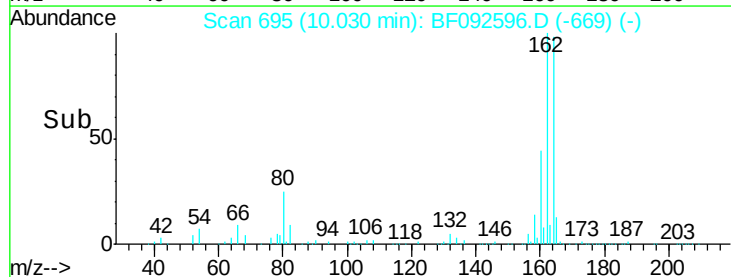
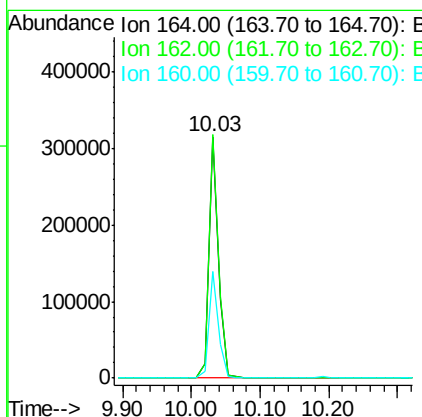
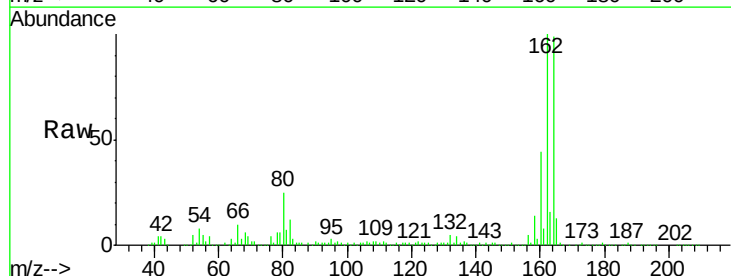
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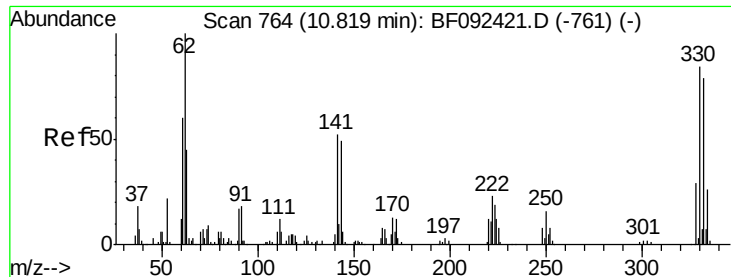
Tgt Ion:122 Resp: 234
Ion Ratio Lower Upper
122 100
105 105.9 107.2 147.2#
77 176.0 74.5 114.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092596.D
Acq: 28 Jan 2017 00:38

Tgt Ion:164 Resp: 305493
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 44.2 36.9 55.3

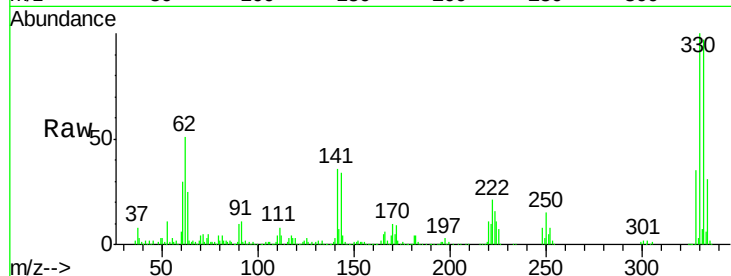




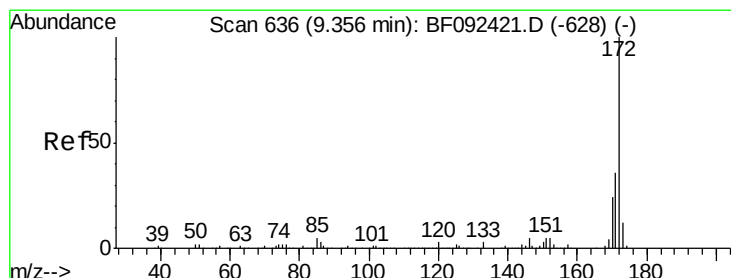
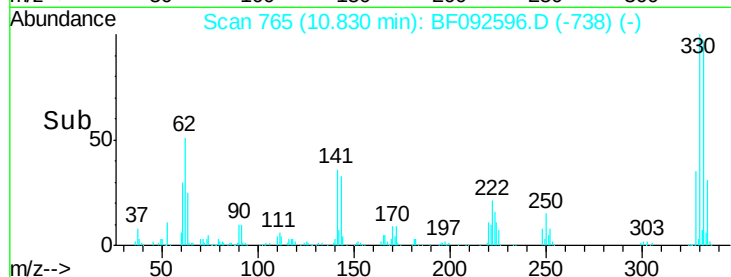
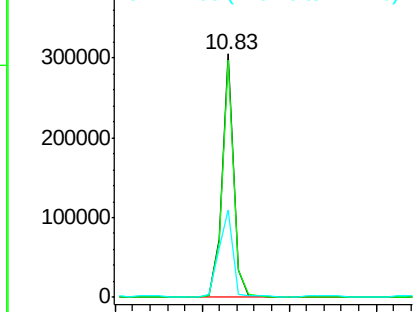
#41
 2,4,6-Tribromophenol
 Concen: 139.50 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092596.D
 Acq: 28 Jan 2017 00:38

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S2C2

Tgt Ion:330 Resp: 290416
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 42.3 34.1 51.1

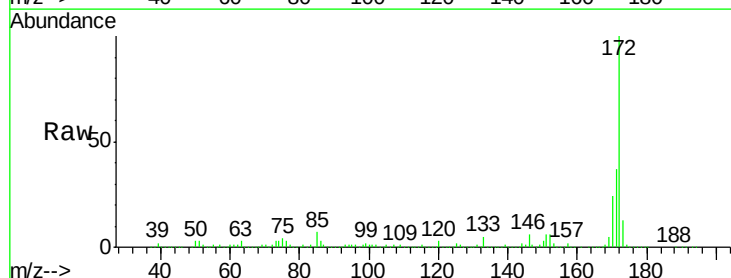


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

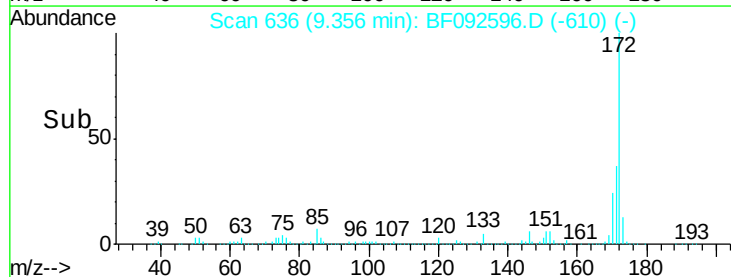
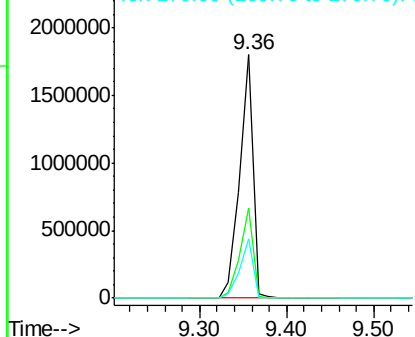


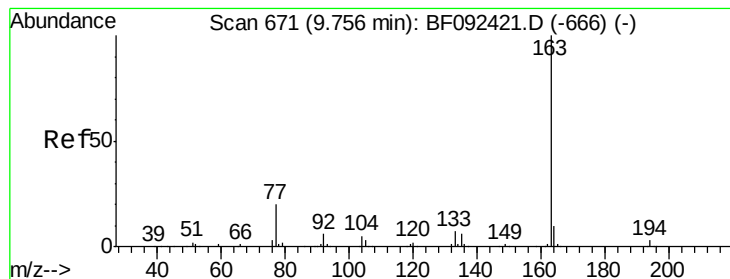
#44
 2-Fluorobiphenyl
 Concen: 115.18 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092596.D
 Acq: 28 Jan 2017 00:38

Tgt Ion:172 Resp: 1902855
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.5 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





#49

Dimethylphthalate

Concen: 13.17 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S2C2

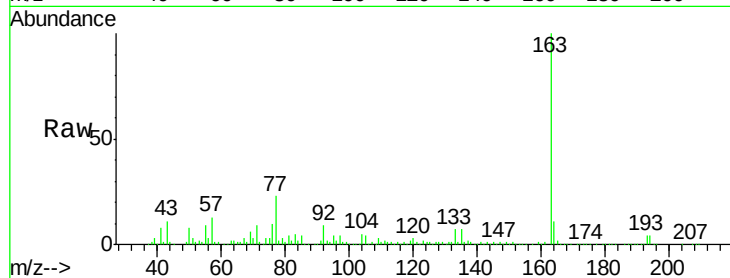
Tgt Ion:163 Resp: 255818

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

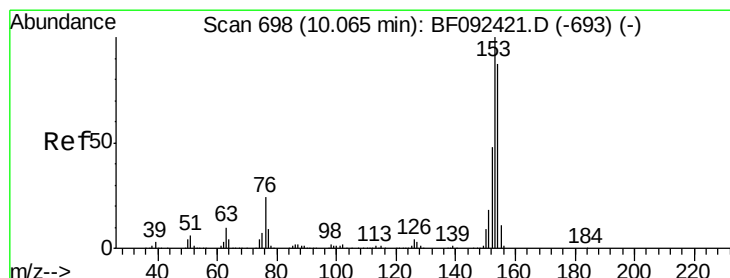
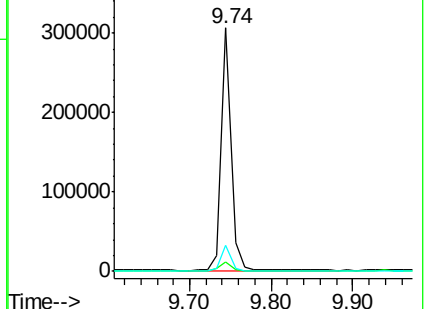
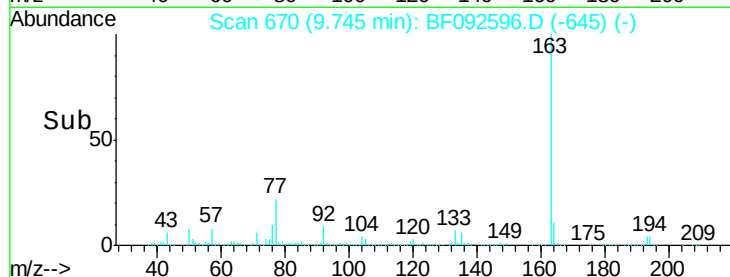
164 10.7 8.0 12.0



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



#51

Acenaphthene

Concen: 3.79 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

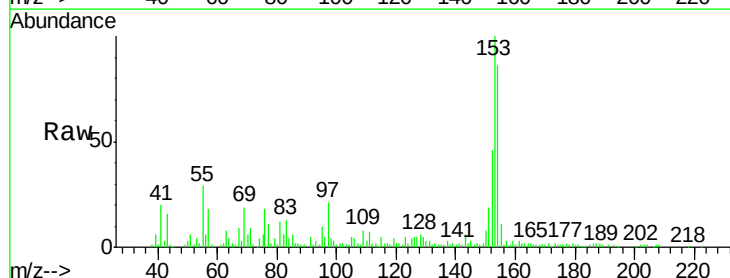
Tgt Ion:154 Resp: 62248

Ion Ratio Lower Upper

154 100

153 116.6 88.6 133.0

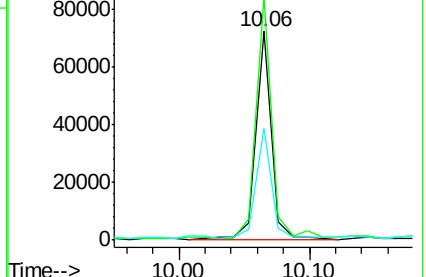
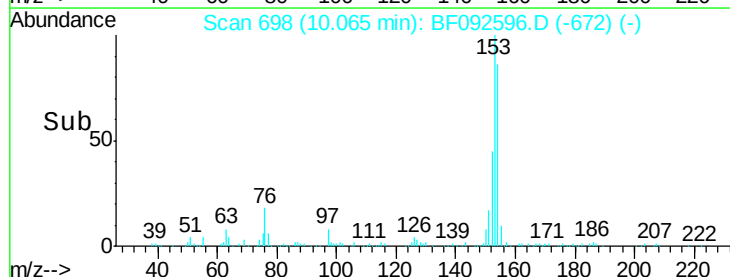
152 53.3 41.6 62.4

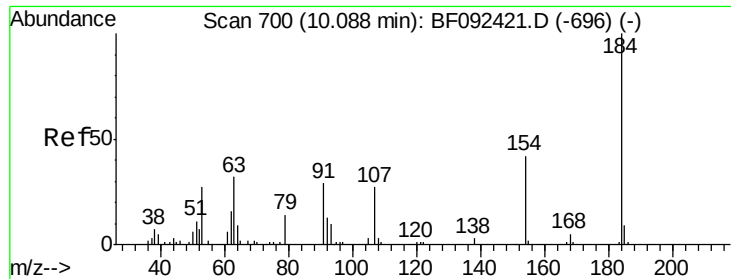


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

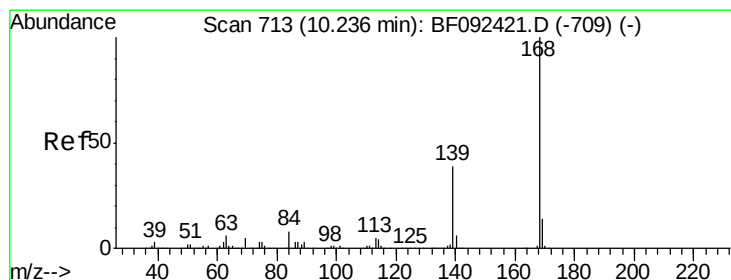
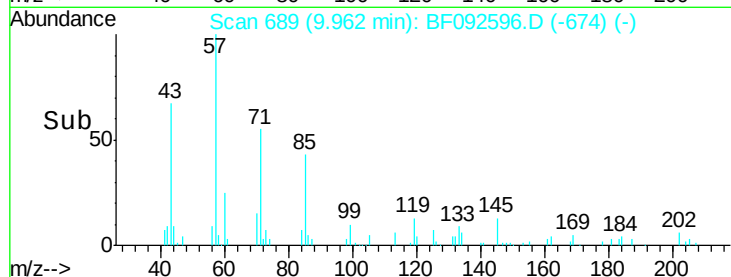
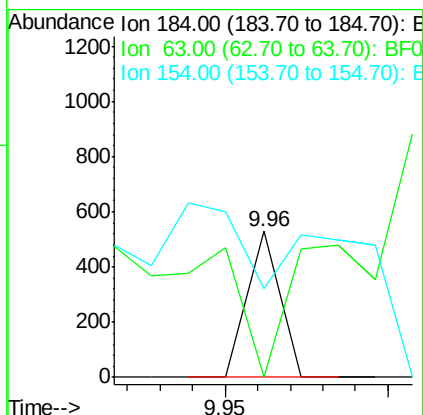
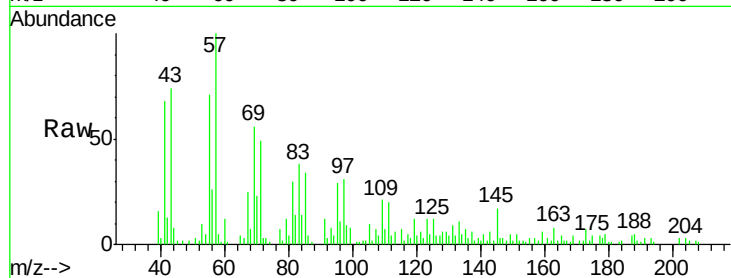




#53
2,4-Dinitrophenol
Concen: 3.10 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.13 min
Lab File: BF092596.D
Acq: 28 Jan 2017 00:38

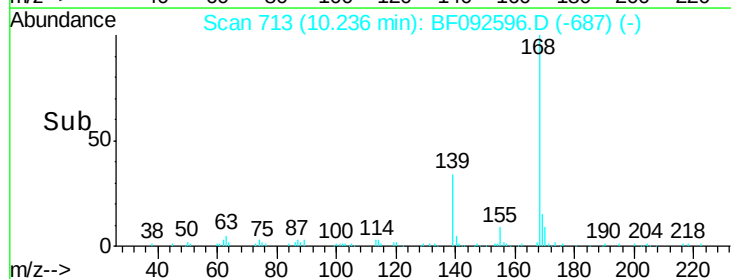
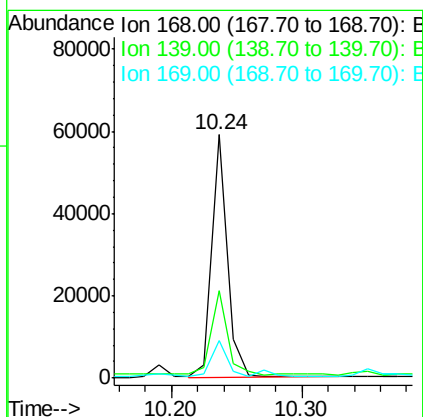
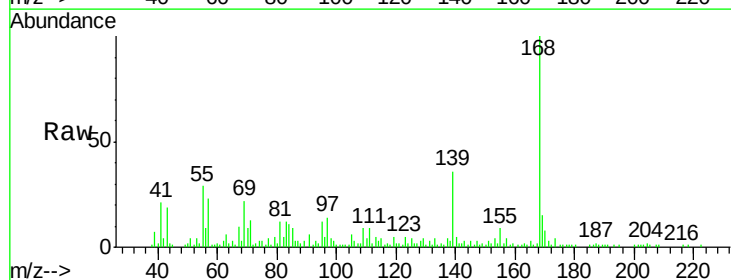
Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S2C2

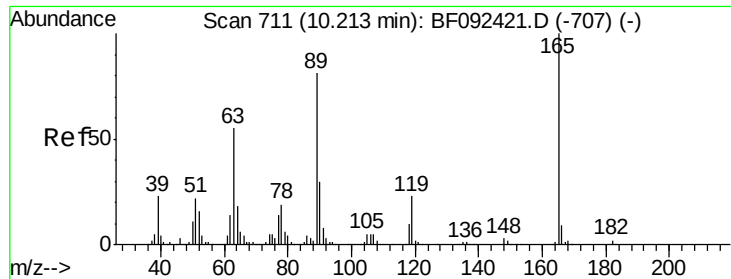
Tgt Ion:184 Resp: 363
Ion Ratio Lower Upper
184 100
63 0.0 28.4 42.6#
154 61.2 44.3 66.5



#54
Dibenzofuran
Concen: 2.23 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF092596.D
Acq: 28 Jan 2017 00:38

Tgt Ion:168 Resp: 49675
Ion Ratio Lower Upper
168 100
139 35.9 32.6 49.0
169 15.3 11.3 16.9

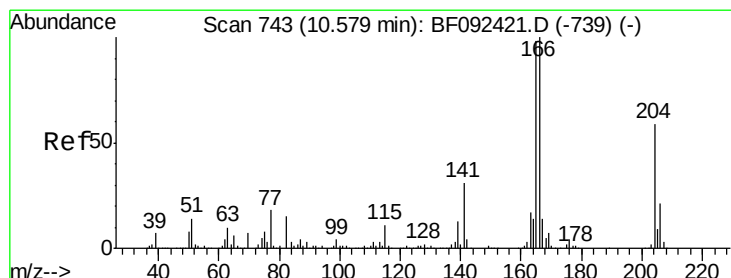
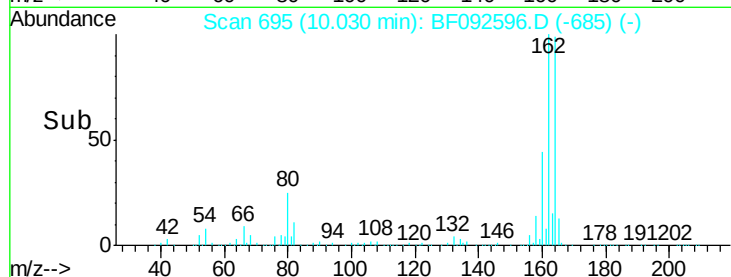
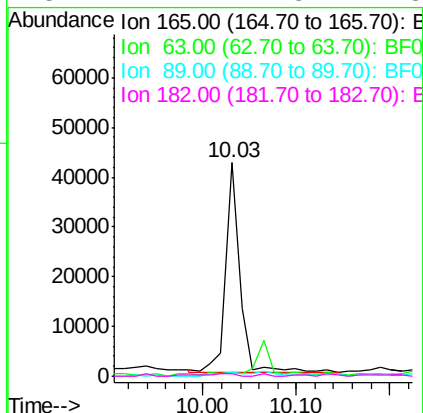
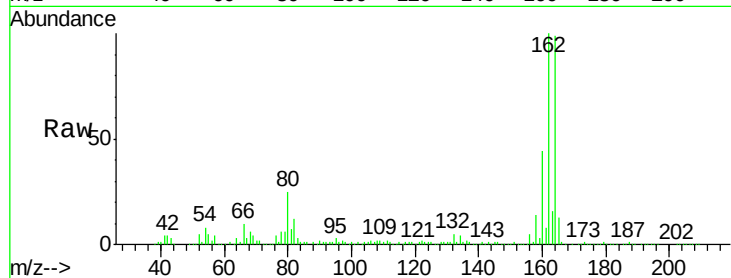




#56
 2,4-Dinitrotoluene
 Concen: 8.34 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.18 min
 Lab File: BF092596.D
 Acq: 28 Jan 2017 00:38

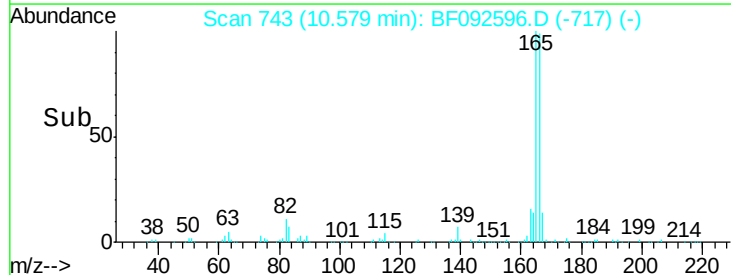
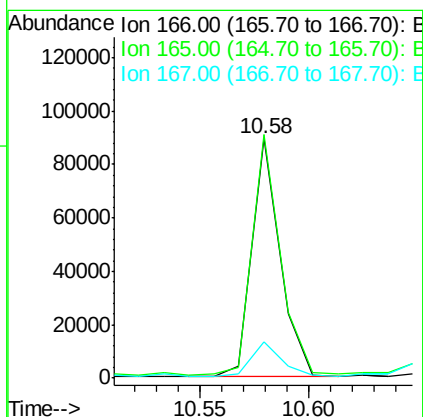
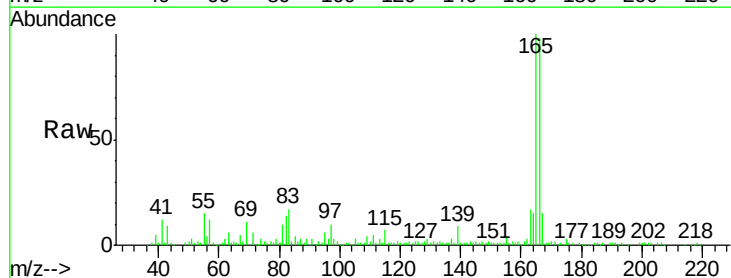
Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S2C2

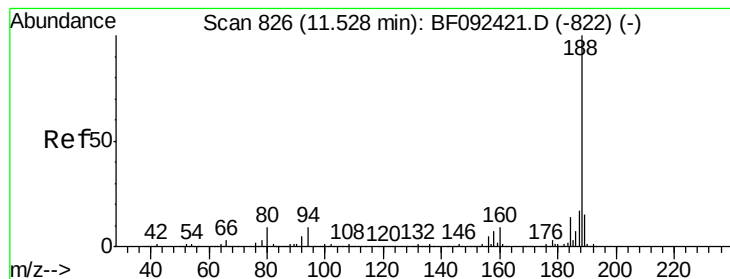
Tgt Ion:	165	Resp:	43952
Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.2	60.4#
89	1.6	62.5	93.7#
182	1.1	1.8	2.8#



#57
 Fluorene
 Concen: 4.87 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092596.D
 Acq: 28 Jan 2017 00:38

Tgt Ion:	166	Resp:	80621
Ion	Ratio	Lower	Upper
166	100		
165	101.7	77.8	116.8
167	15.0	10.8	16.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.53 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S2C2

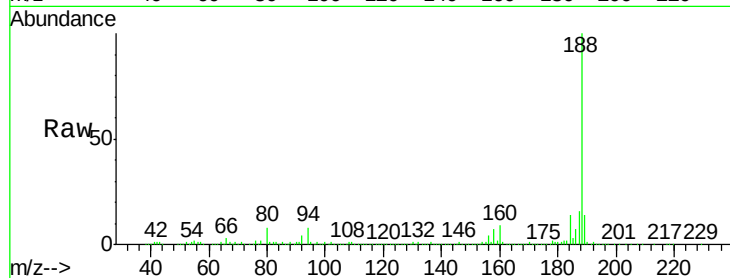
Tgt Ion:188 Resp: 447701

Ion Ratio Lower Upper

188 100

94 7.9 10.0 15.0#

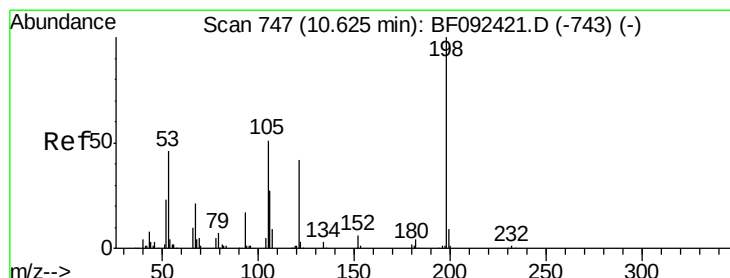
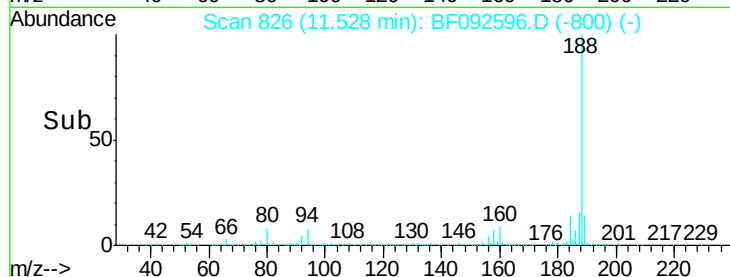
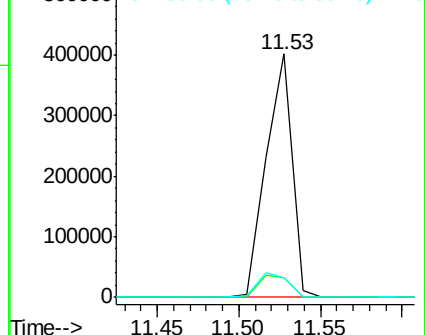
80 8.1 11.2 16.8#



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: 5.89 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

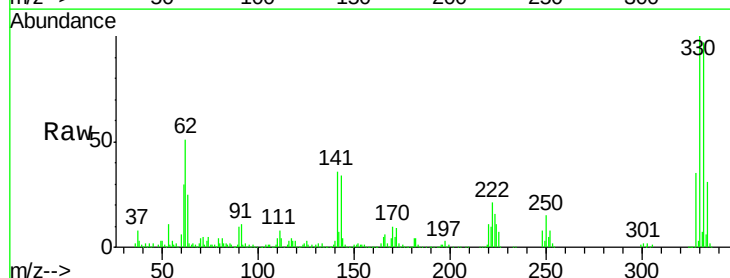
Tgt Ion:198 Resp: 2514

Ion Ratio Lower Upper

198 100

51 218.8 6.7 46.7#

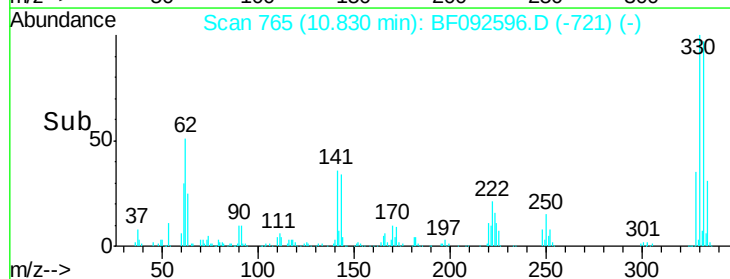
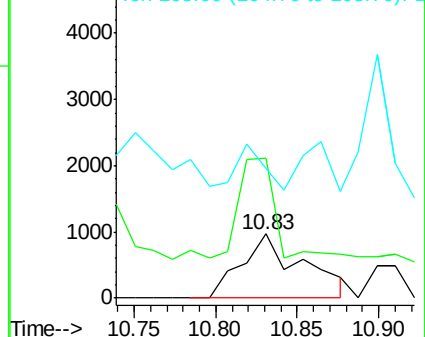
105 202.6 16.6 56.6#

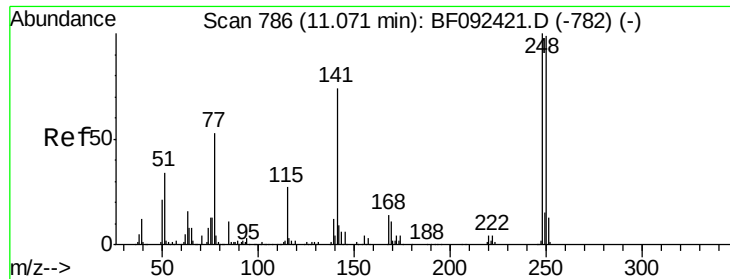


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

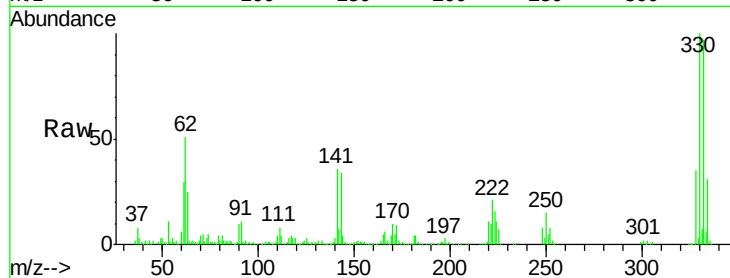




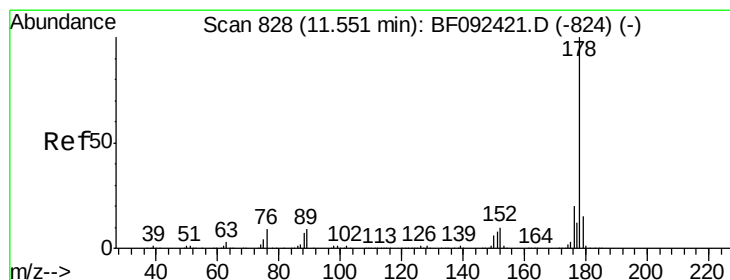
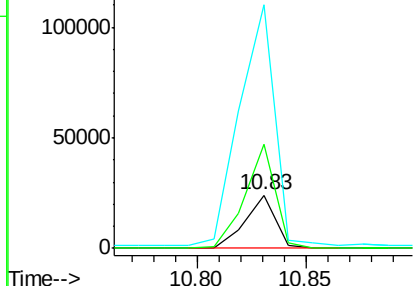
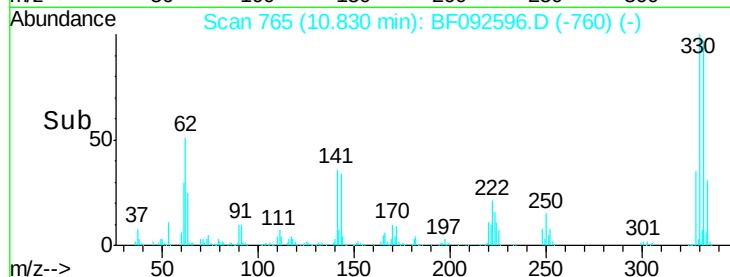
#66
 4-Bromophenyl-phenylether
 Concen: 5.12 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.24 min
 Lab File: BF092596.D
 Acq: 28 Jan 2017 00:38

Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S2C2

Tgt Ion:248 Resp: 23148
 Ion Ratio Lower Upper
 248 100
 250 196.3 76.9 115.3#
 141 458.4 68.2 102.4#

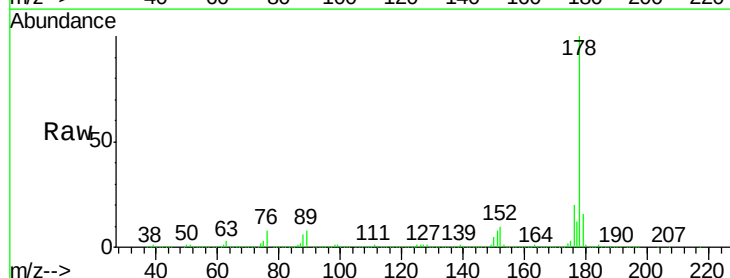


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

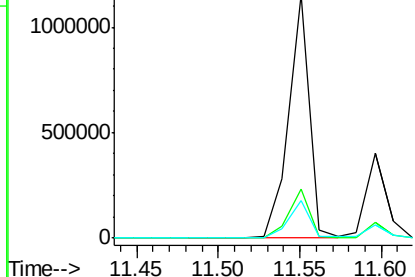
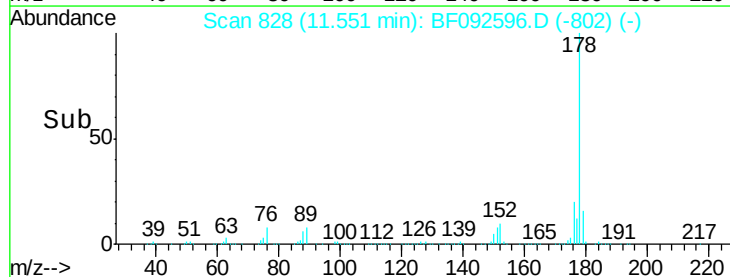


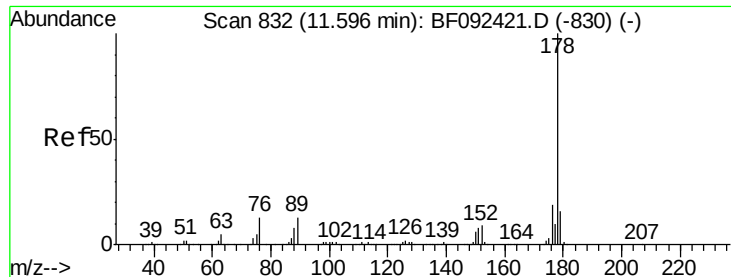
#70
 Phenanthrene
 Concen: 41.41 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF092596.D
 Acq: 28 Jan 2017 00:38

Tgt Ion:178 Resp: 1020969
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.6 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: 14.86 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S2C2

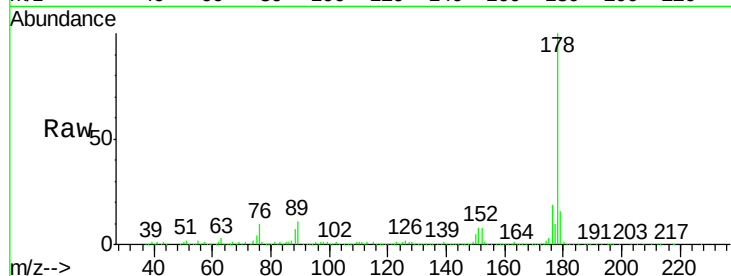
Tgt Ion:178 Resp: 358038

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

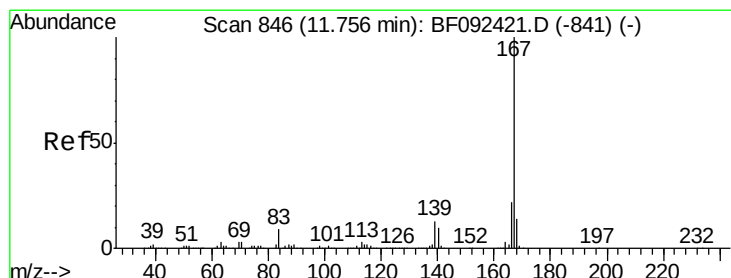
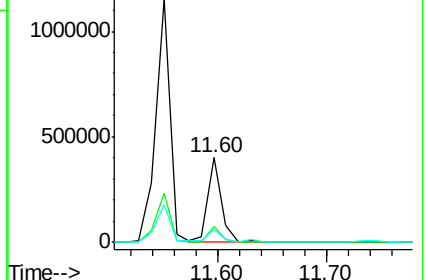
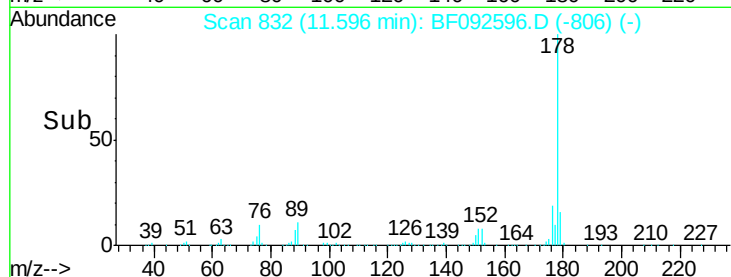
179 15.7 13.2 19.8



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



#72

Carbazole

Concen: 3.13 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

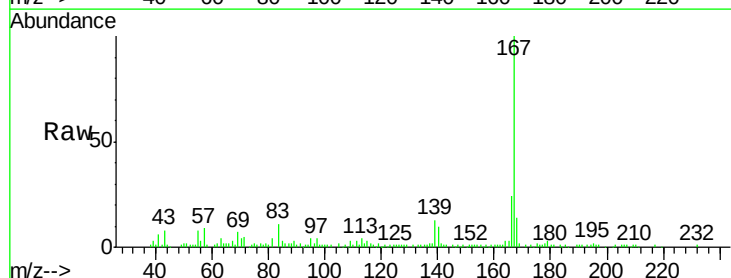
Tgt Ion:167 Resp: 72088

Ion Ratio Lower Upper

167 100

166 23.9 18.2 27.2

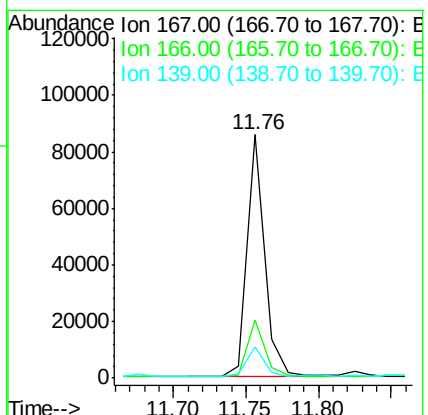
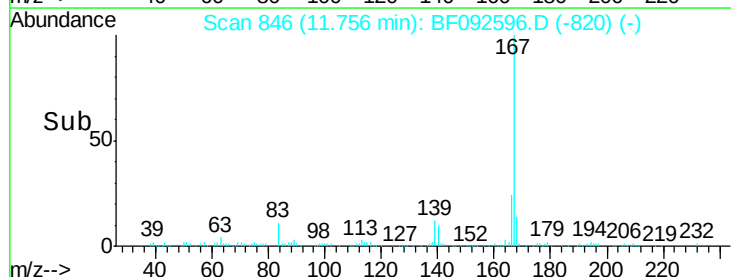
139 12.9 11.4 17.2

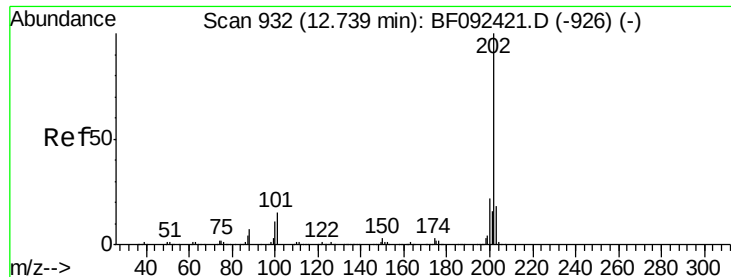


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 50.99 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S2C2

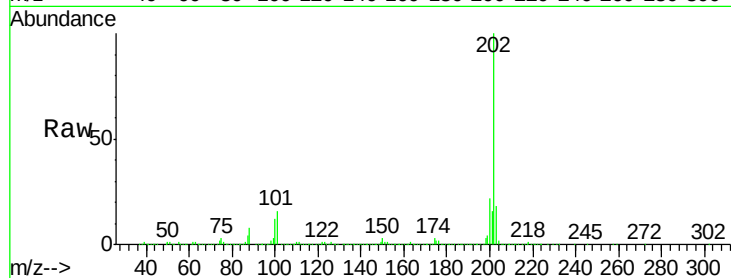
Tgt Ion:202 Resp: 1229546

Ion Ratio Lower Upper

202 100

101 15.7 0.0 34.6

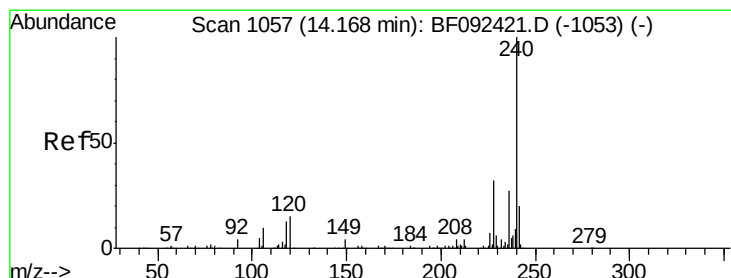
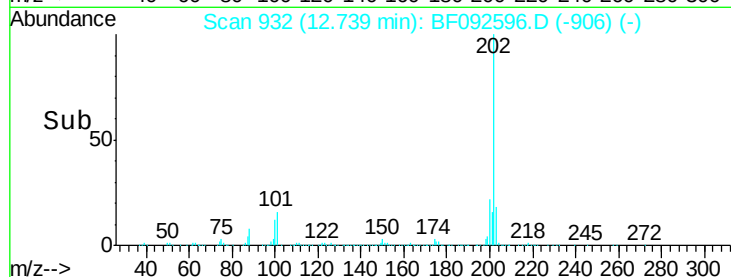
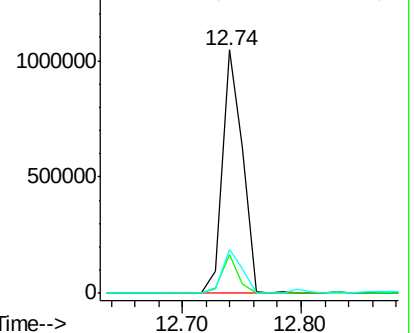
203 18.2 0.0 38.7



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: BF092596.D

Acq: 28 Jan 2017 00:38

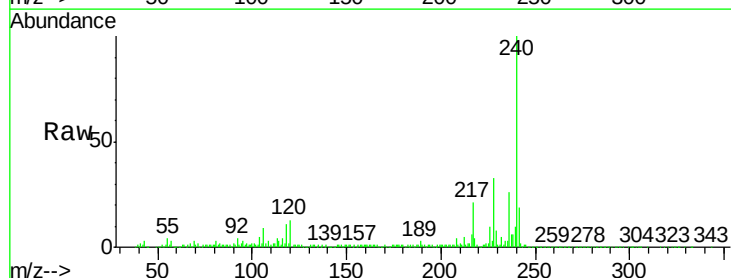
Tgt Ion:240 Resp: 327873

Ion Ratio Lower Upper

240 100

120 13.0 12.9 19.3

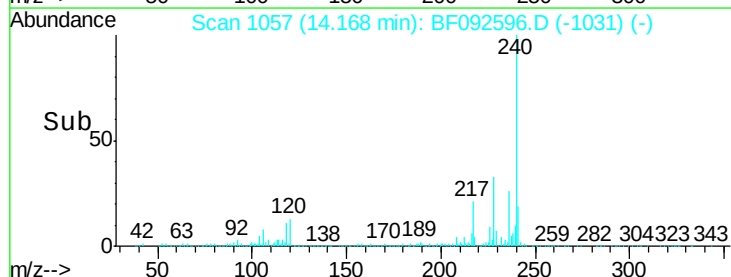
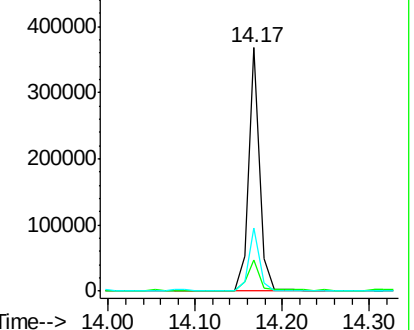
236 26.2 20.9 31.3

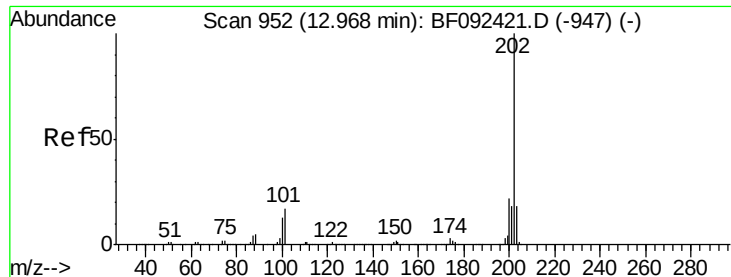


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 45.50 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S2C2

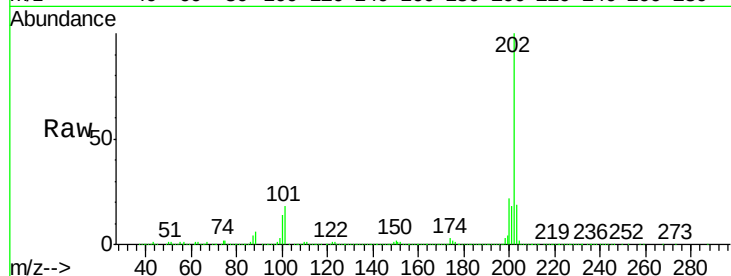
Tgt Ion:202 Resp: 1080952

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

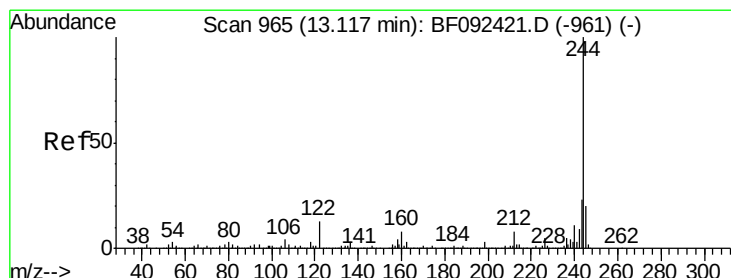
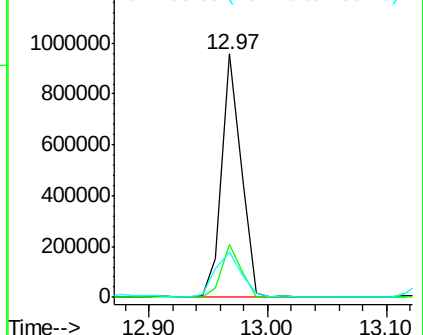
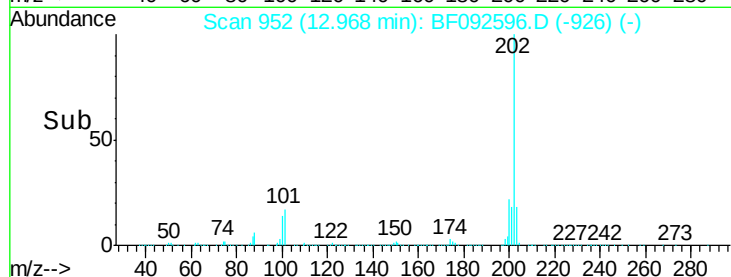
203 18.5 14.7 22.1



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: 106.08 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

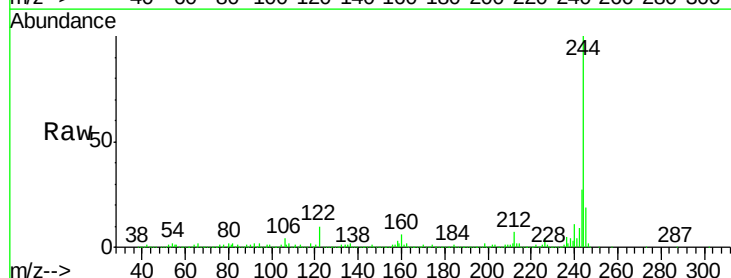
Tgt Ion:244 Resp: 1306174

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

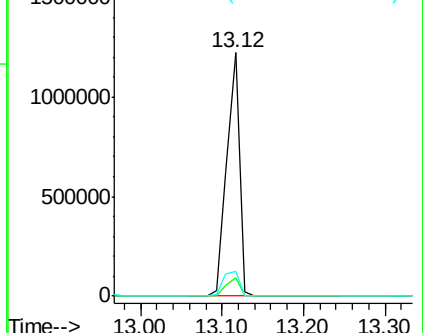
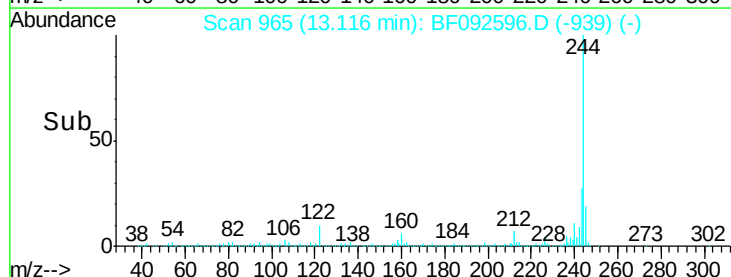
122 10.2 11.4 17.2#

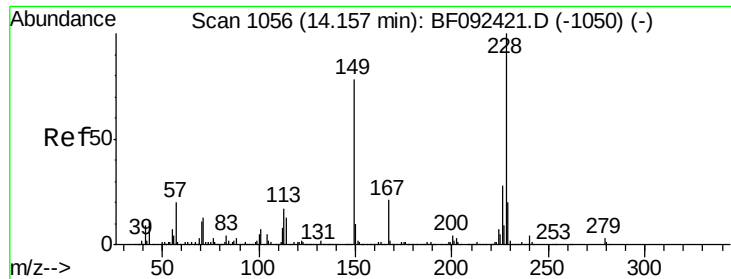


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 35.05 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S2C2

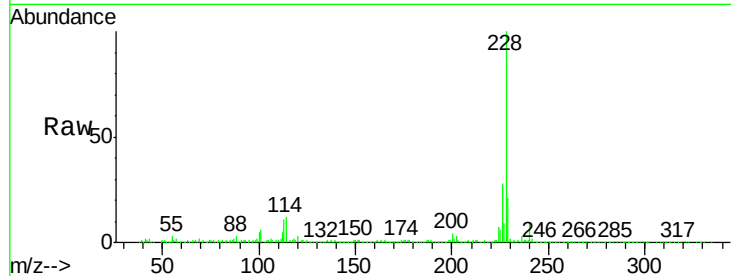
Tgt Ion:228 Resp: 617610

Ion Ratio Lower Upper

228 100

226 28.4 22.4 33.6

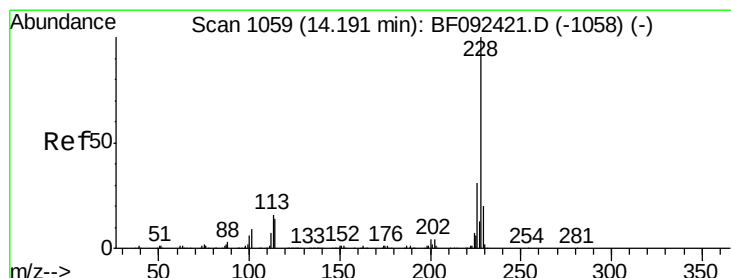
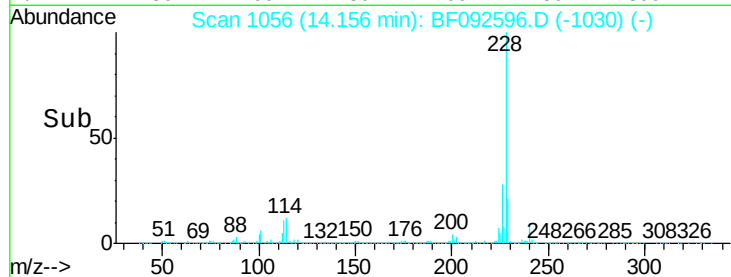
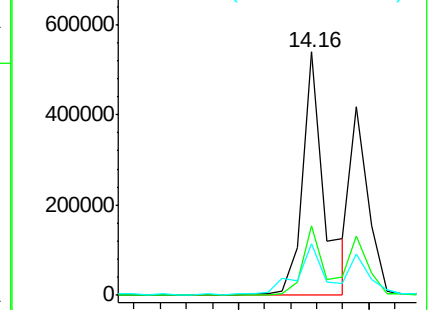
229 20.9 16.2 24.4



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



#82

Chrysene

Concen: 21.12 ng

RT: 14.19 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

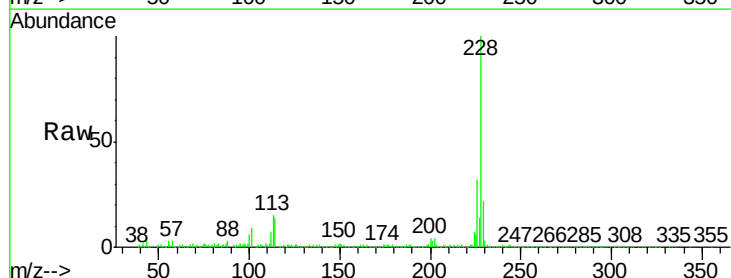
Tgt Ion:228 Resp: 397443

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

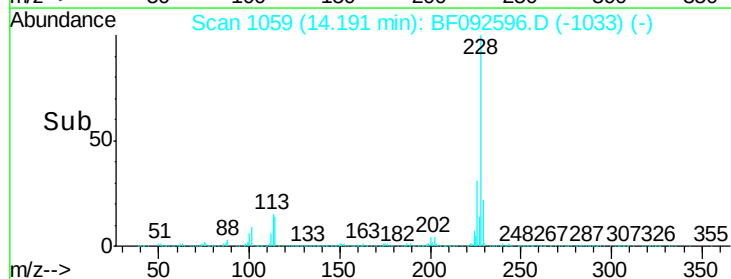
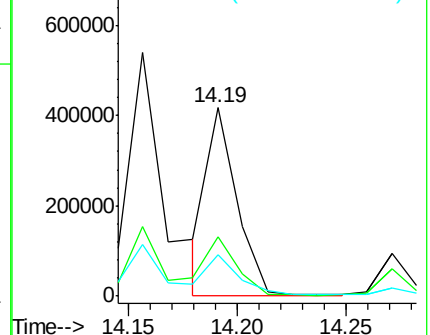
229 22.1 16.2 24.2

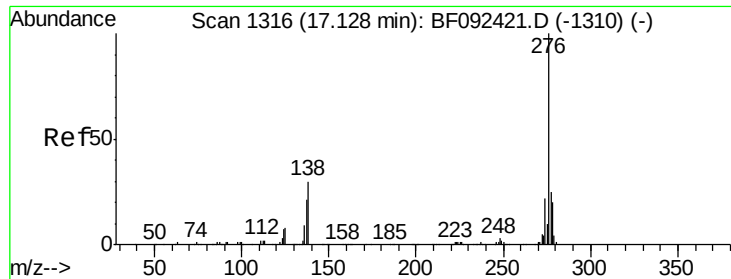


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

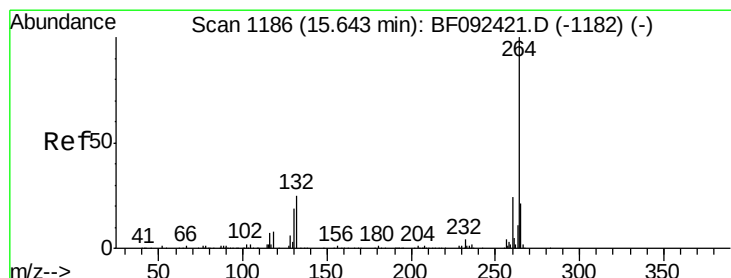
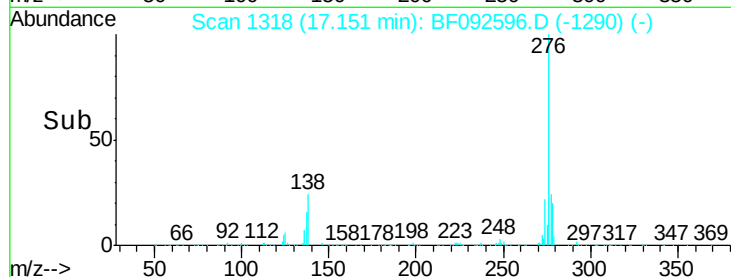
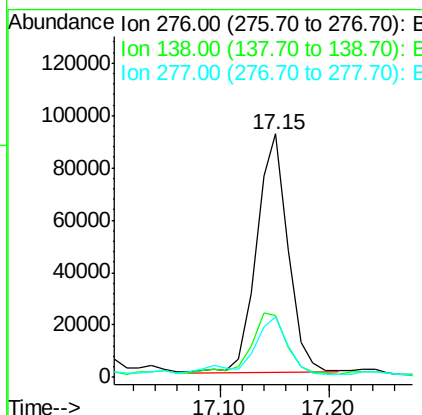
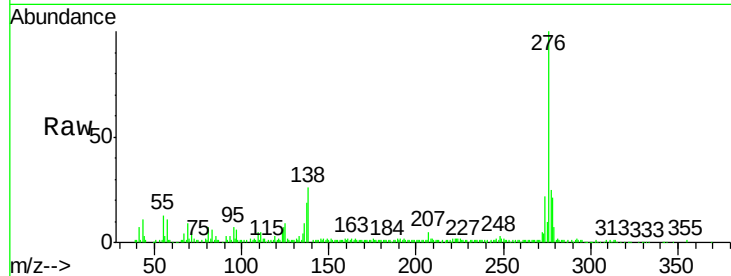




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.18 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. 0.02 min
 Lab File: BF092596.D
 Acq: 28 Jan 2017 00:38

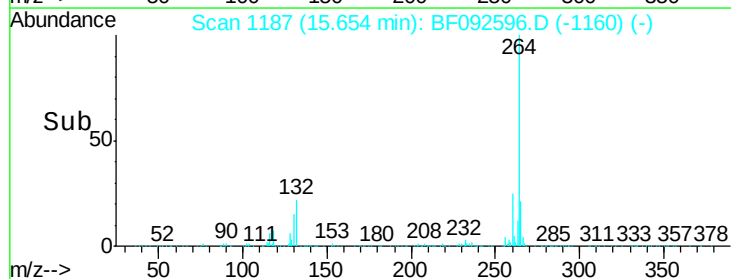
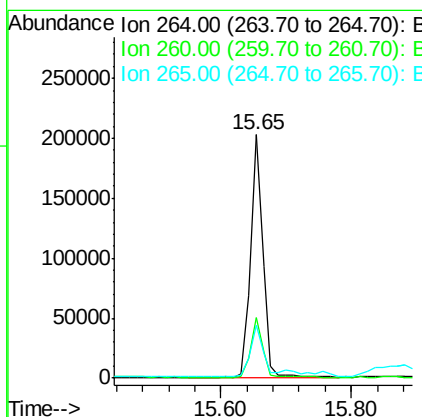
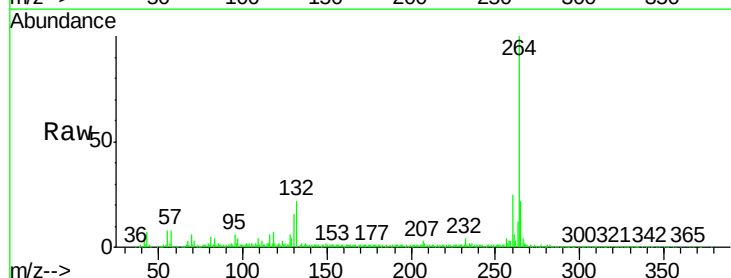
Instrument :
 BNA_F
 ClientSampleId :
 EDC-HPRR-S2C2

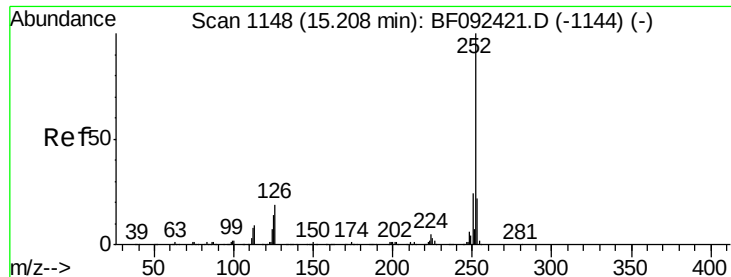
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	21.8	32.6
277	29.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF092596.D
 Acq: 28 Jan 2017 00:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.9	17.4	26.0

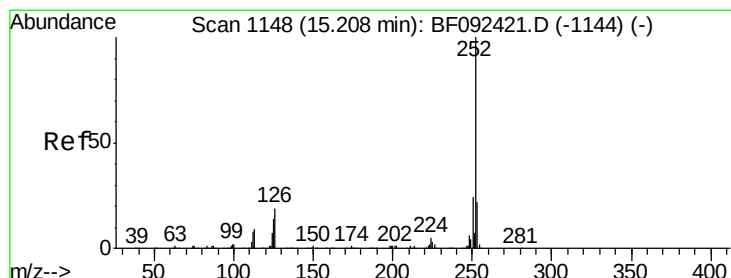
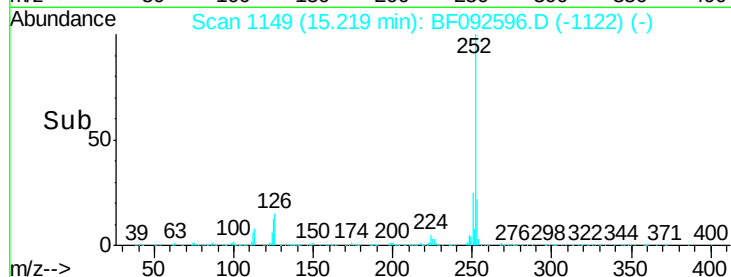
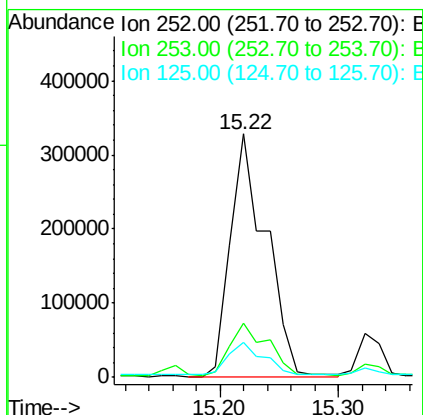
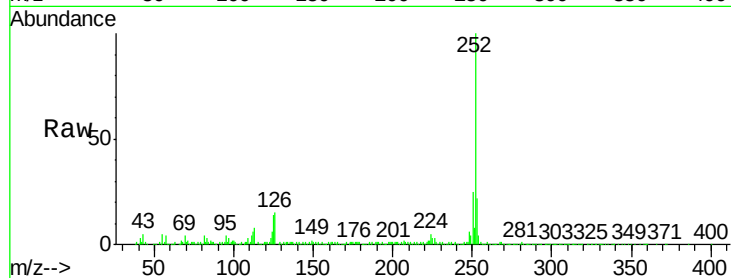




#87
Benzo(b)fluoranthene
Concen: 39.82 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF092596.D
Acq: 28 Jan 2017 00:38

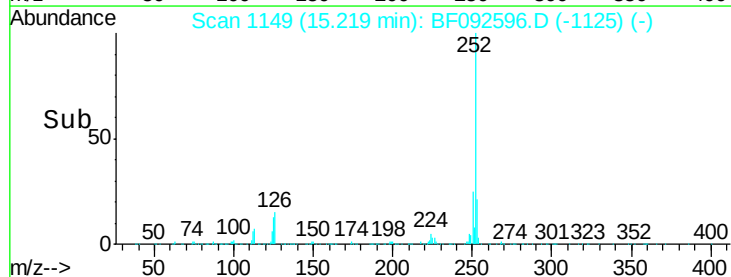
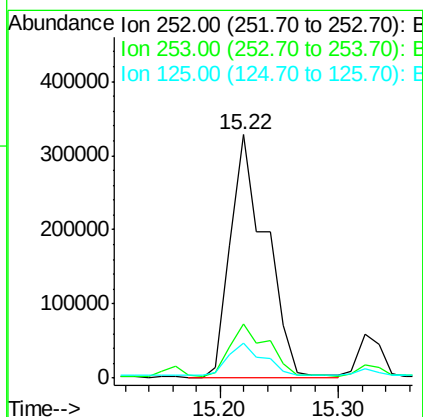
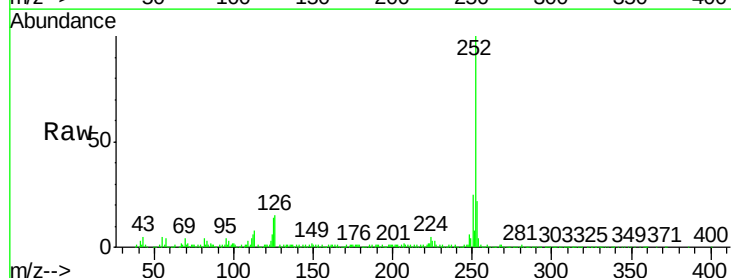
Instrument :
BNA_F
ClientSampleId :
EDC-HPRR-S2C2

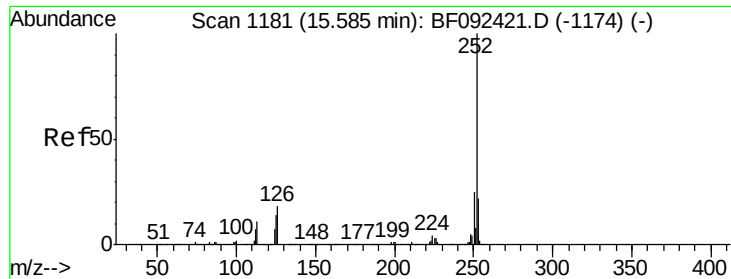
Tgt Ion:252 Resp: 680001
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 14.1 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 47.89 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF092596.D
Acq: 28 Jan 2017 00:38

Tgt Ion:252 Resp: 680001
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 14.1 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 24.95 ng

RT: 15.60 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S2C2

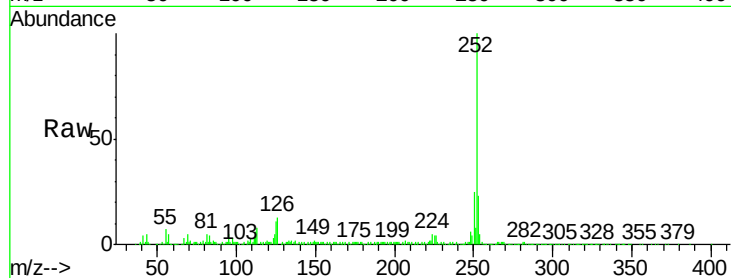
Tgt Ion:252 Resp: 360495

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

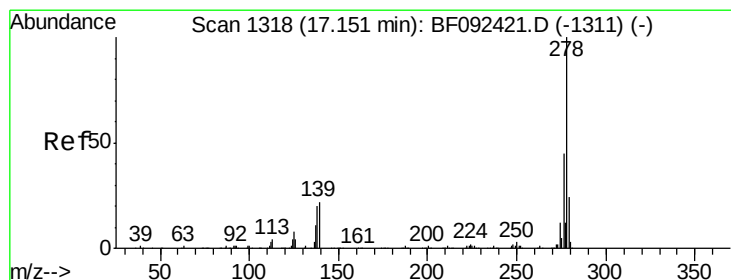
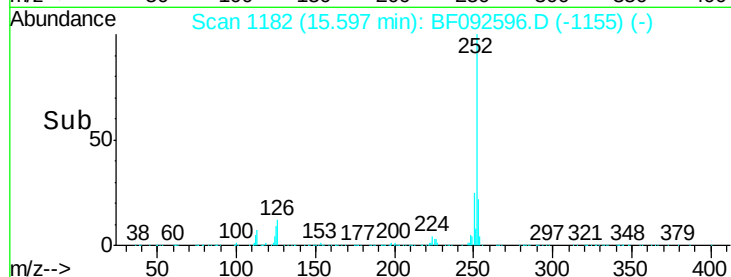
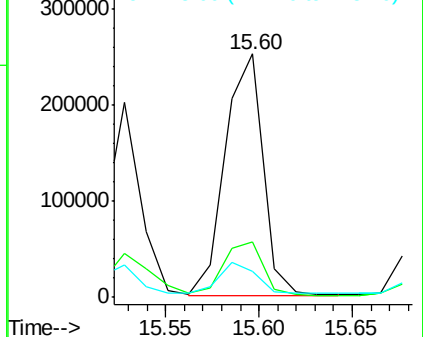
125 10.6 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 3.69 ng

RT: 17.16 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF092596.D

Acq: 28 Jan 2017 00:38

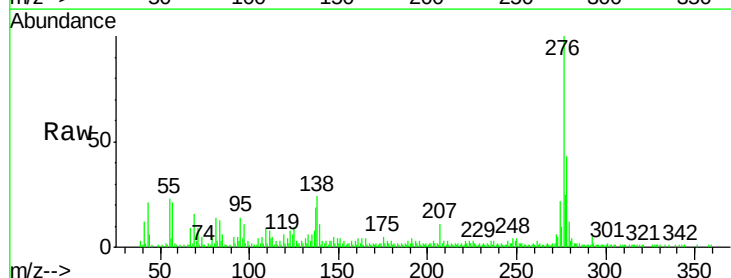
Tgt Ion:278 Resp: 43140

Ion Ratio Lower Upper

278 100

139 26.3 14.8 22.2#

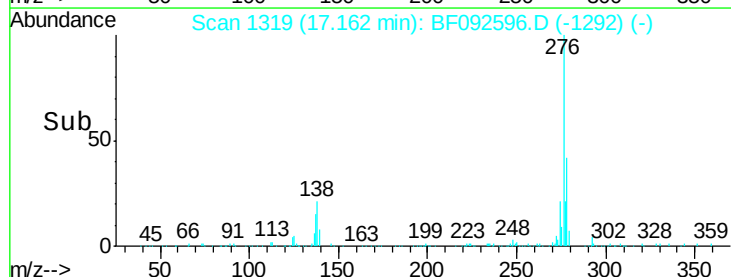
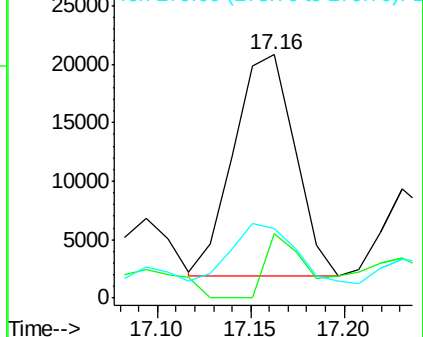
279 28.4 19.8 29.6

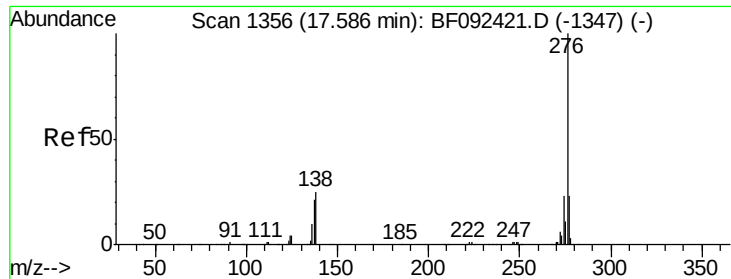


Abundance Ion 278.00 (277.70 to 278.70): E

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: 14.88 ng

RT: 17.60 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF092596.D

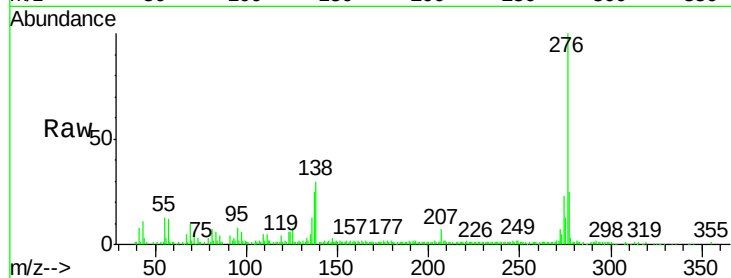
Acq: 28 Jan 2017 00:38

Instrument :

BNA_F

ClientSampleId :

EDC-HPRR-S2C2



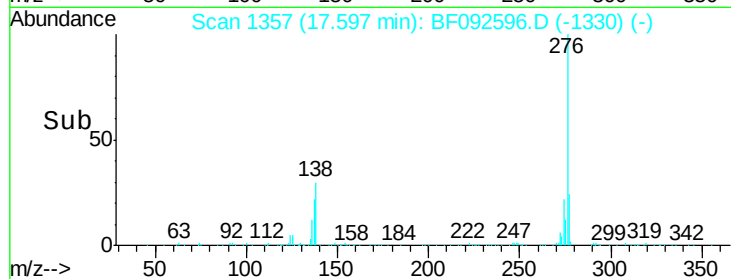
Tgt Ion: 276 Resp: 175803

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 30.5 16.0 24.0#



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

