

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
 Data File : BF088008.D
 Acq On : 14 Jun 2016 19:59
 Operator : UM/SJ
 Sample : H3450-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7-B3-(0-9)C

Quant Time: Jun 15 03:56:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	114694	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	573093	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	206942	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	328170	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	244211	20.00	ng	-0.01
86) Perylene-d12	15.35	264	259749	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	631469	94.12	ng	-0.01
7) Phenol-d6	6.42	99	796450	97.95	ng	-0.01
23) Nitrobenzene-d5	7.35	82	492733	50.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	156938	71.82	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	836911	62.04	ng	-0.01
78) Terphenyl-d14	12.89	244	462343	43.08	ng	-0.01

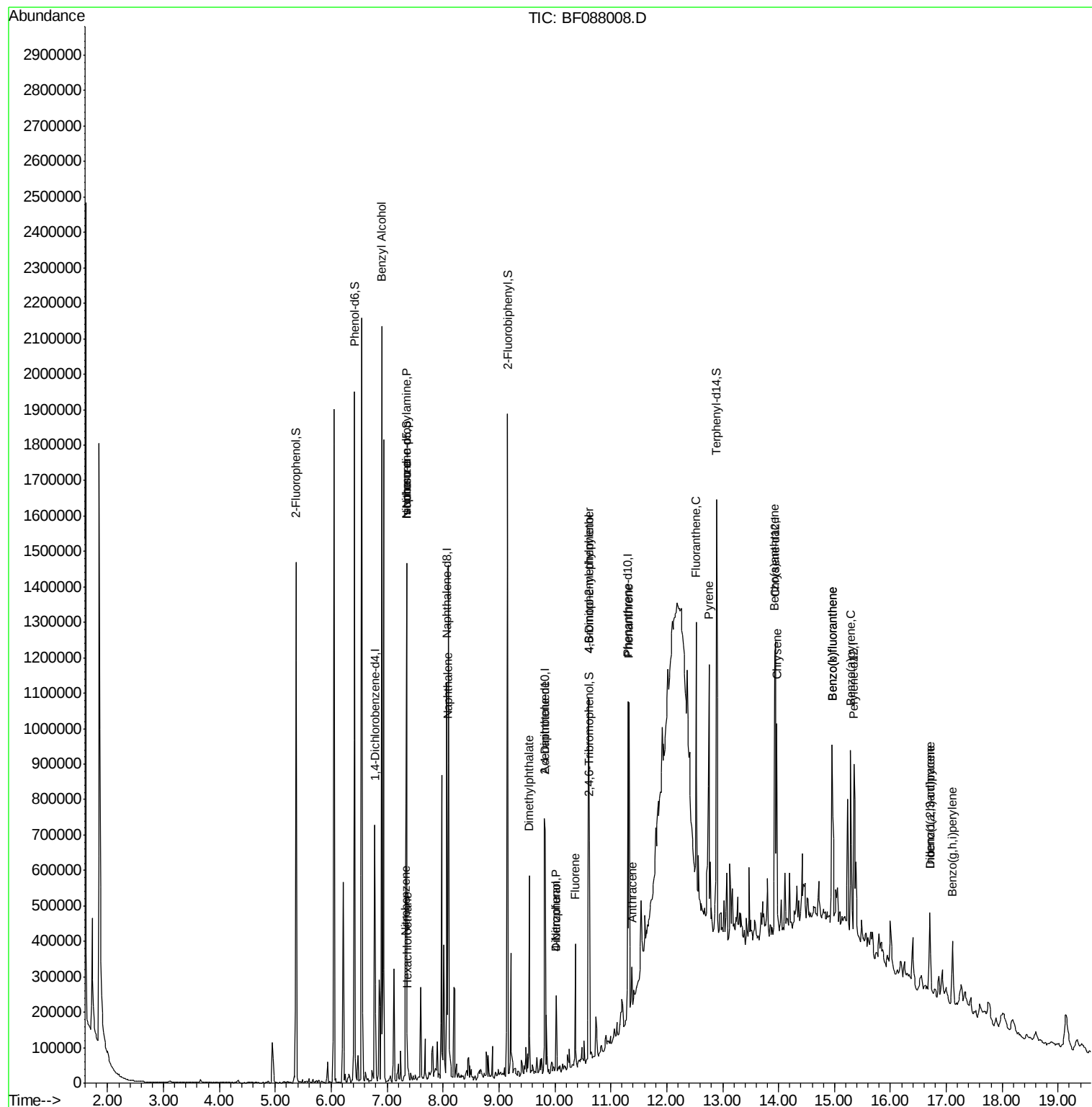
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.43	94	6782	Below Cal		95
15) Benzyl Alcohol	6.90	79	112010	17.61 ng	#	55
18) Hexachloroethane	7.36	117	18123	5.95 ng	#	2
19) n-Nitroso-di-n-propylamine	7.35	70	67961	13.07 ng	#	71
24) Nitrobenzene	7.32	77	21664	2.28 ng	#	28
25) Isophorone	7.35	82	357795	19.68 ng	#	65
31) Naphthalene	8.09	128	113905	4.02 ng		98
45) 1,1'-Biphenyl	9.24	154	8201	Below Cal		98
49) Dimethylphthalate	9.54	163	208535	13.91 ng		100
54) Dibenzofuran	10.02	168	70650	3.86 ng		92
55) 4-Nitrophenol	10.02	139	26638	8.66 ng	#	8
56) 2,4-Dinitrotoluene	9.82	165	28740	6.51 ng	#	39
57) Fluorene	10.36	166	87449	2.51 ng		98
64) 4,6-Dinitro-2-methylphenol	10.60	198	252	2.28 ng	#	1
66) 4-Bromophenyl-phenylether	10.60	248	10000	2.84 ng	#	1
70) Phenanthrene	11.32	178	315374	18.31 ng		99
71) Anthracene	11.38	178	61961	3.57 ng		99
74) Fluoranthene	12.53	202	350803	19.30 ng		97
77) Pyrene	12.75	202	361862	19.97 ng		99
80) Benzo(a)anthracene	13.93	228	271439	19.50 ng		99
82) Chrysene	13.97	228	182496	13.94 ng		97
85) Indeno(1,2,3-cd)pyrene	16.71	276	148429	12.20 ng	#	100
87) Benzo(b)fluoranthene	14.96	252	425793	23.52 ng	#	94
88) Benzo(k)fluoranthene	14.96	252	425793	31.18 ng		99
89) Benzo(a)pyrene	15.29	252	243617	16.63 ng		98
90) Dibenzo(a,h)anthracene	16.71	278	36499	2.68 ng	#	87
91) Benzo(g,h,i)perylene	17.11	276	146355	10.46 ng		97

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

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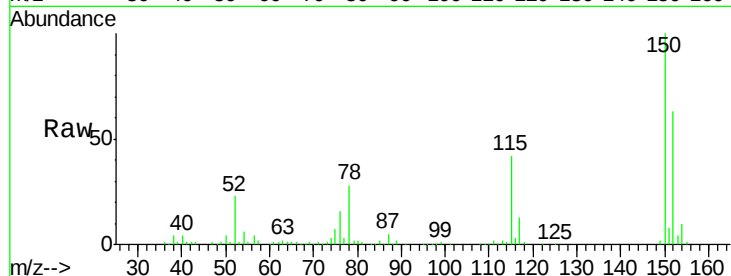


#1

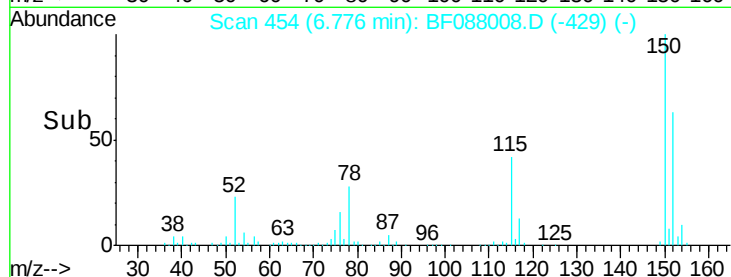
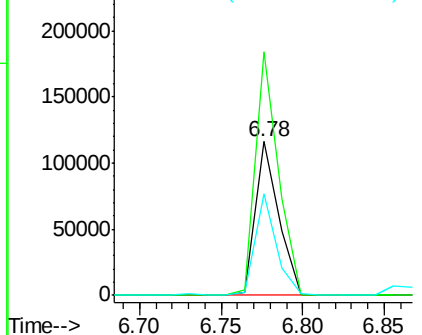
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF088008.D
 Acq: 14 Jun 2016 19:59

Instrument :
 BNA_F
 ClientSampleId :
 S7-B3-(0-9)C

Tgt Ion:152 Resp: 114694
 Ion Ratio Lower Upper
 152 100
 150 158.7 123.8 185.6
 115 66.1 39.6 59.4#



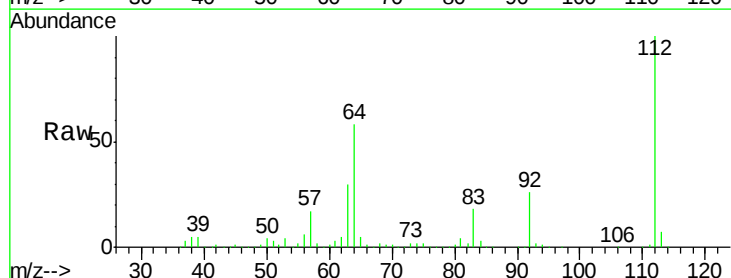
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



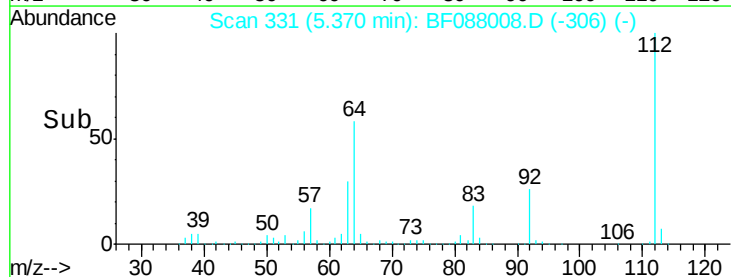
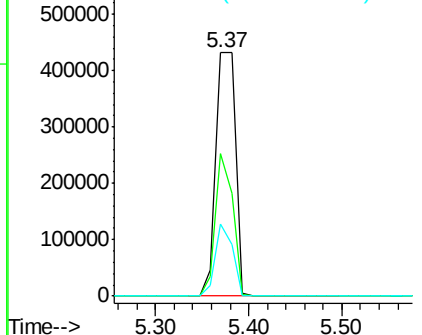
#5

2-Fluorophenol
 Concen: 94.12 ng
 RT: 5.37 min Scan# 331
 Delta R.T. -0.01 min
 Lab File: BF088008.D
 Acq: 14 Jun 2016 19:59

Tgt Ion:112 Resp: 631469
 Ion Ratio Lower Upper
 112 100
 64 58.4 42.2 63.2
 63 29.6 21.8 32.8



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: 97.95 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

Instrument :

BNA_F

ClientSampleId :

S7-B3-(0-9)C

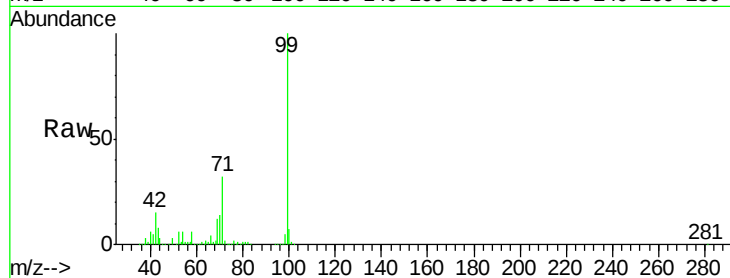
Tgt Ion: 99 Resp: 796450

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

71 32.1 23.4 35.0



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

800000

600000

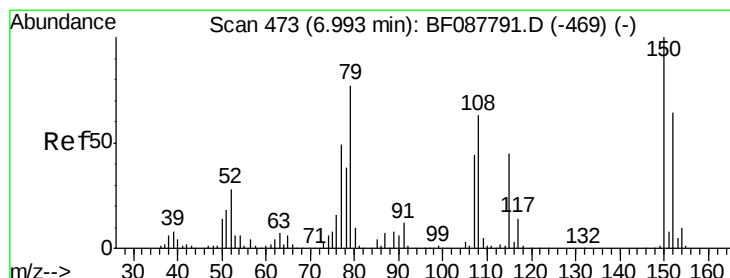
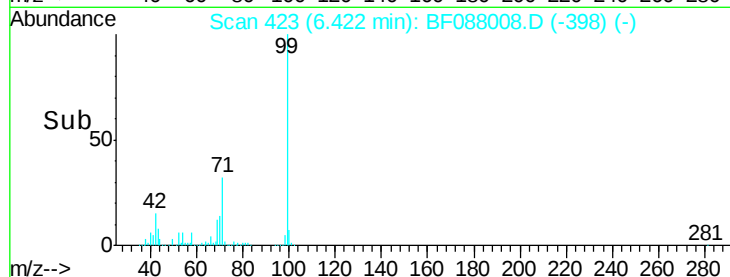
400000

200000

0

6.40 6.50

Time-->



#15

Benzyl Alcohol

Concen: 17.61 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.03 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

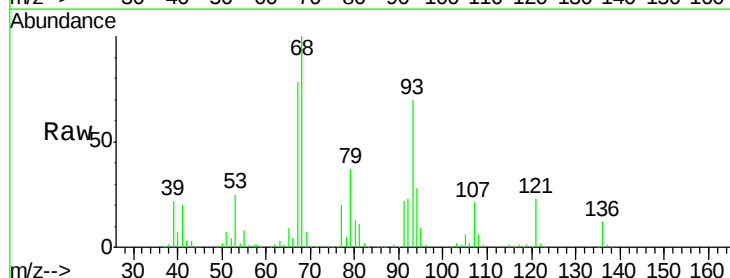
Tgt Ion: 79 Resp: 112010

Ion Ratio Lower Upper

79 100

108 15.9 65.0 97.6#

77 56.1 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

150000

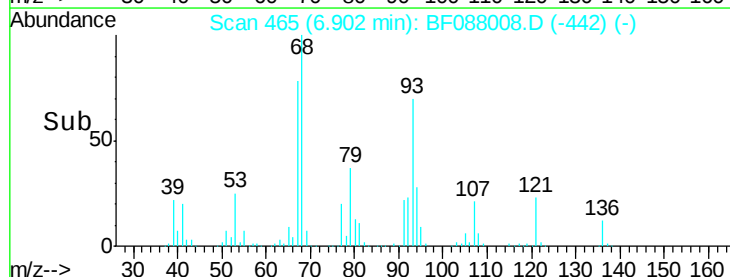
100000

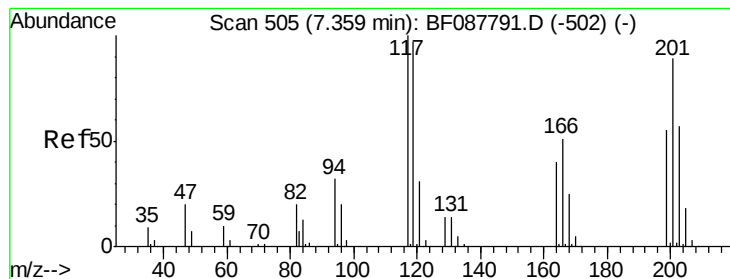
50000

0

6.80 6.90 7.00

Time-->





#18

Hexachloroethane

Concen: 5.95 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.05 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

Instrument :

BNA_F

ClientSampleId :

S7-B3-(0-9)C

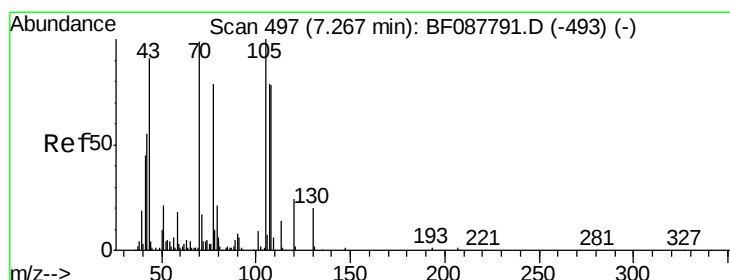
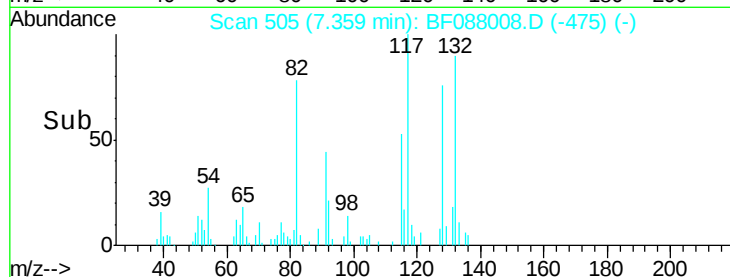
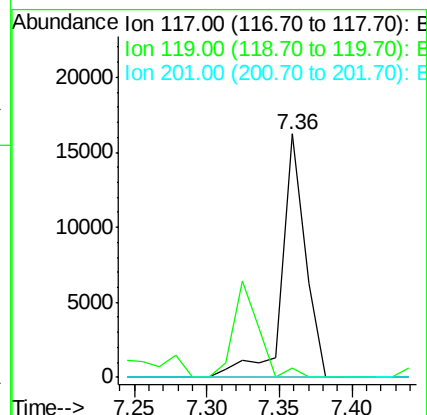
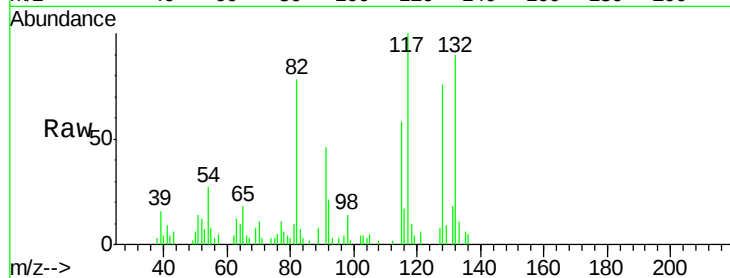
Tgt Ion:117 Resp: 18123

Ion Ratio Lower Upper

117 100

119 3.7 77.4 116.2#

201 0.0 80.4 120.6#



#19

n-Nitroso-di-n-propylamine

Concen: 13.07 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.13 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

Tgt Ion: 70 Resp: 67961

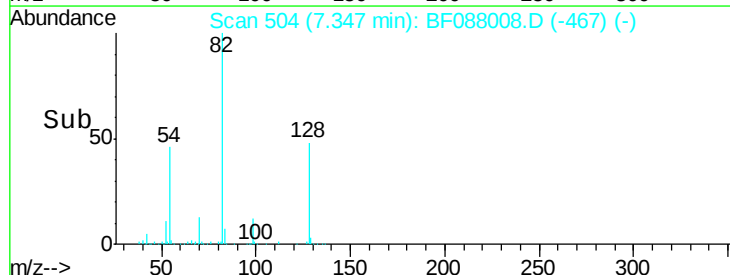
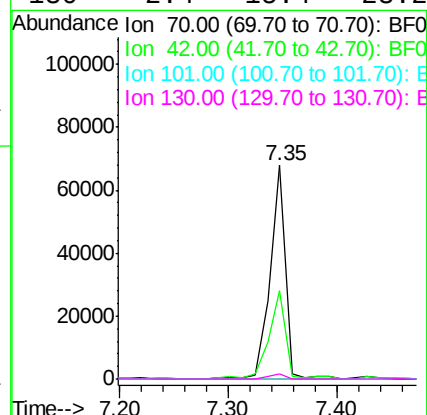
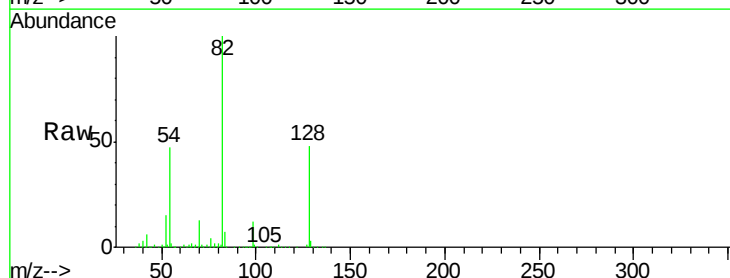
Ion Ratio Lower Upper

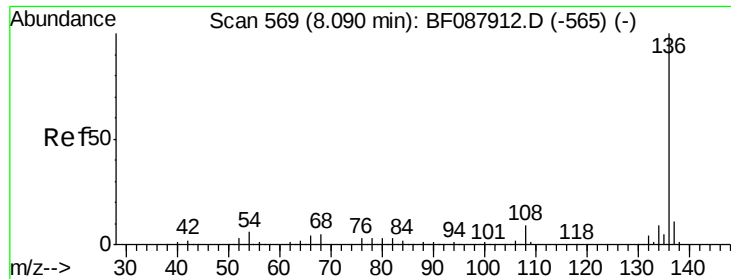
70 100

42 41.4 49.6 74.4#

101 0.0 7.1 10.7#

130 2.4 15.4 23.2#

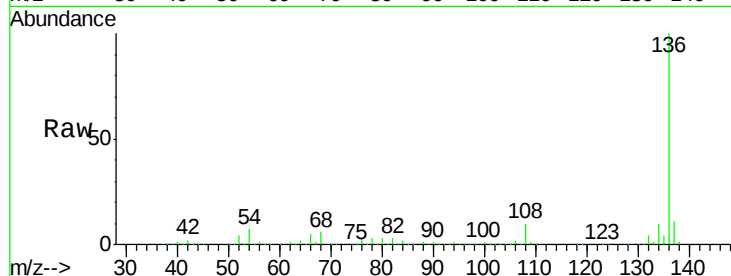




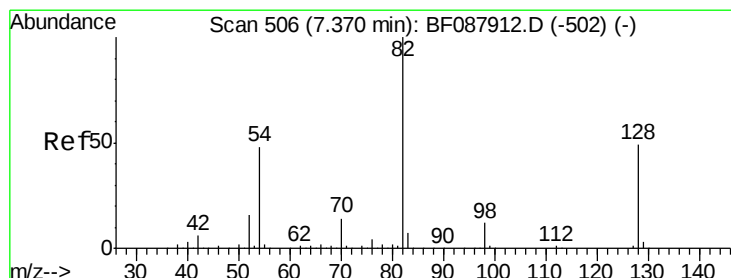
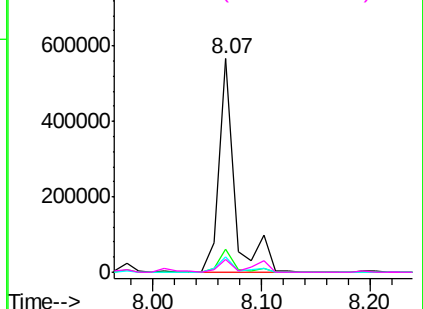
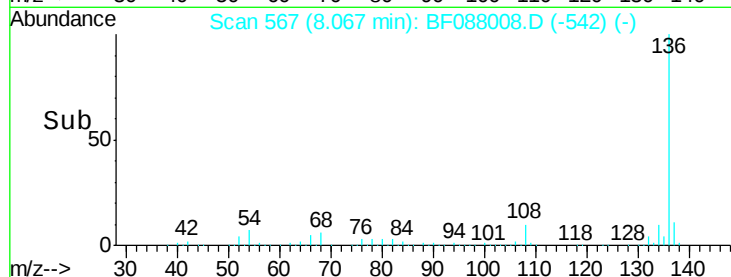
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:	136	Resp:	573093
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.2	6.6	10.0
68	6.1	5.1	7.7

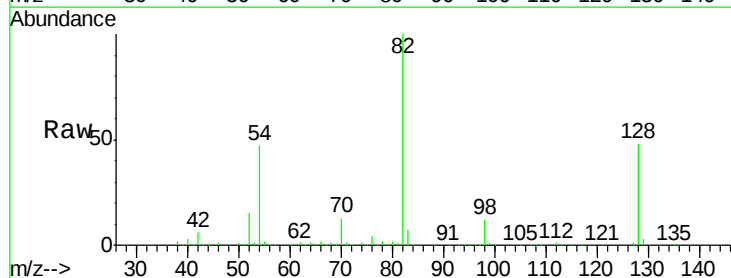


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

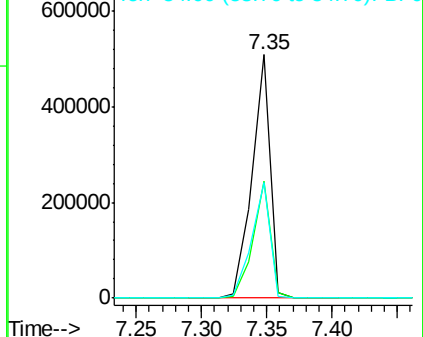
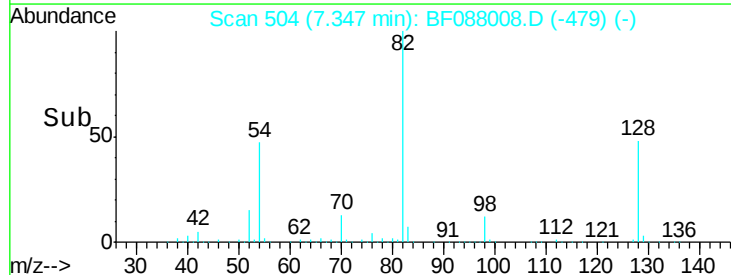


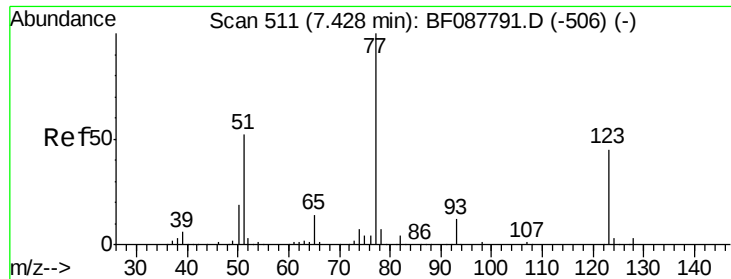
#23
Nitrobenzene-d5
Concen: 50.21 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:	82	Resp:	492733
Ion	Ratio	Lower	Upper
82	100		
128	47.9	35.9	53.9
54	47.4	40.9	61.3



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





#24

Nitrobenzene

Concen: 2.28 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.06 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

Instrument :

BNA_F

ClientSampleId :

S7-B3-(0-9)C

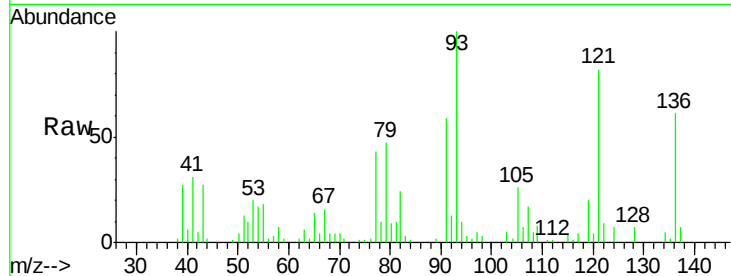
Tgt Ion: 77 Resp: 21664

Ion Ratio Lower Upper

77 100

123 0.0 45.0 67.4#

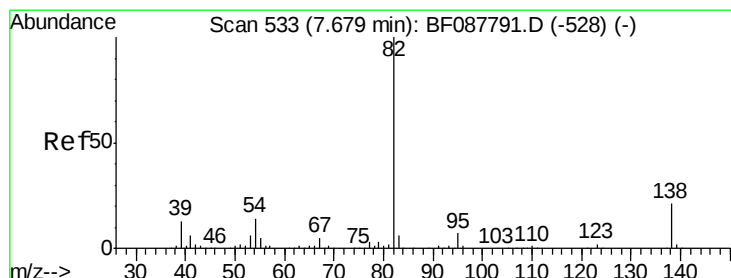
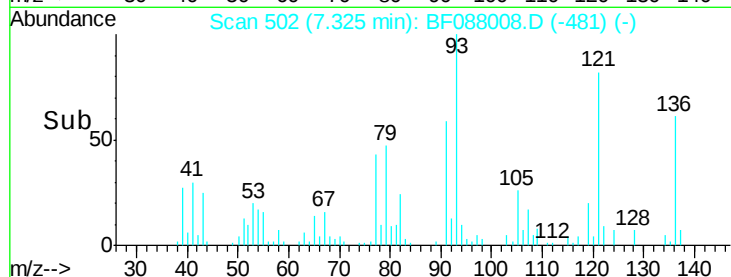
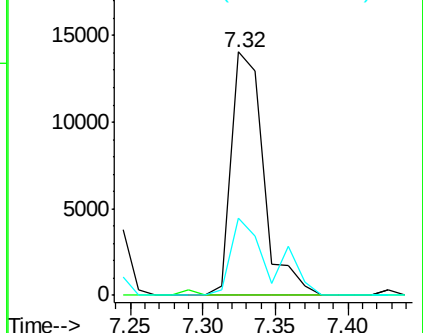
65 31.6 10.2 15.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 19.68 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.27 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

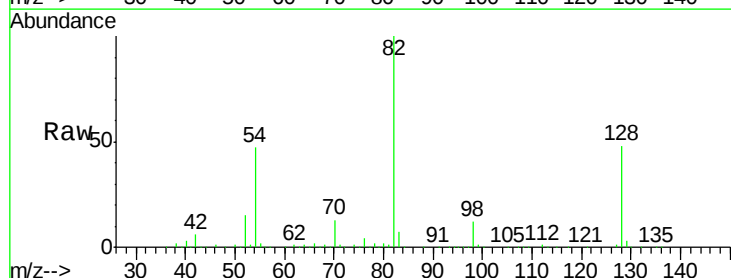
Tgt Ion: 82 Resp: 357795

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

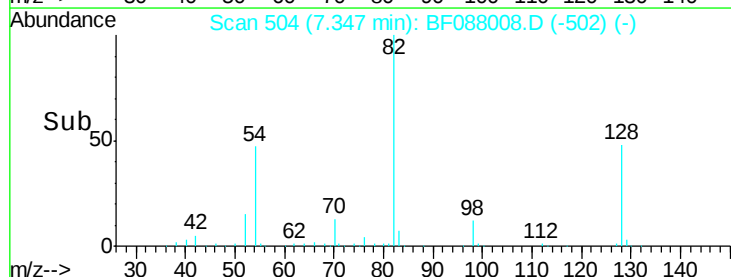
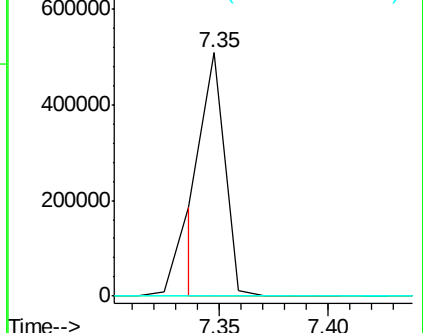
138 0.0 14.6 21.8#

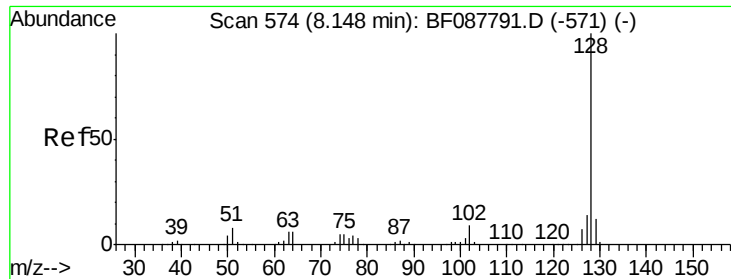


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

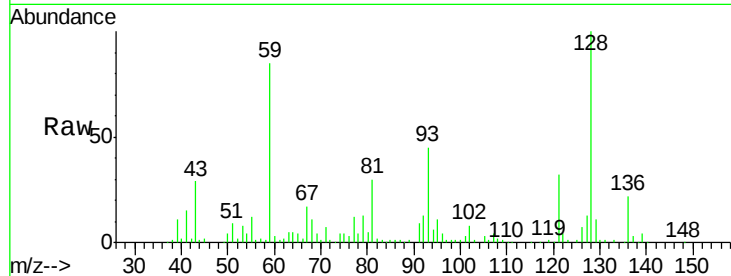




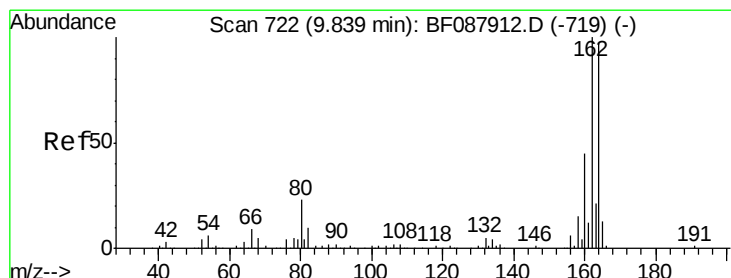
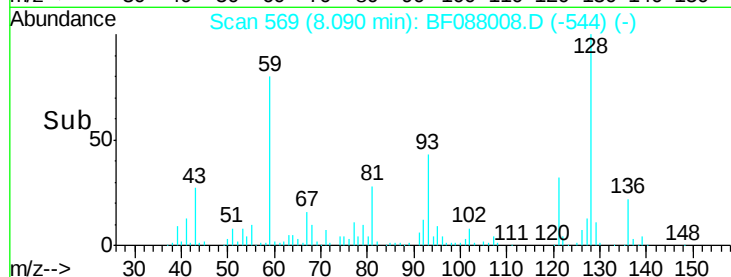
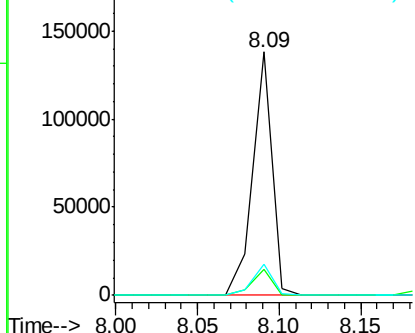
#31
Naphthalene
Concen: 4.02 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion:128 Resp: 113905
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 12.7 10.9 16.3

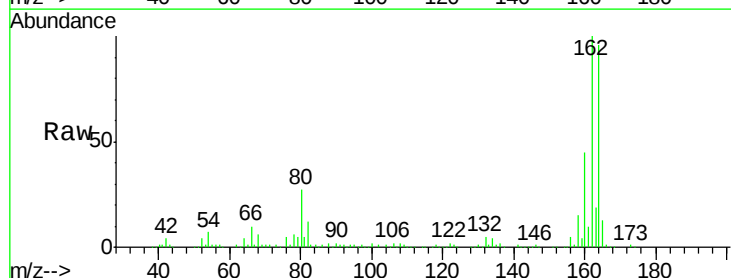


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

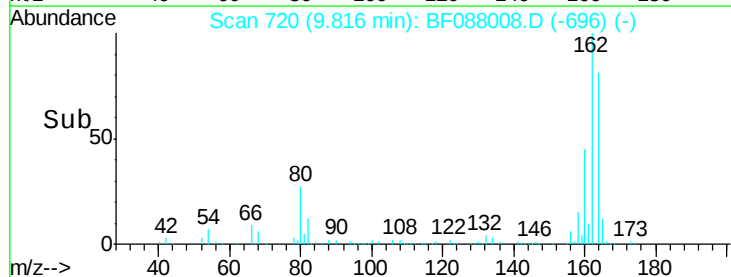
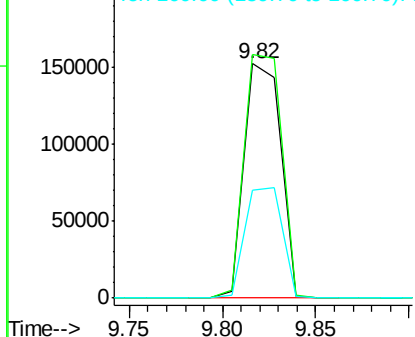


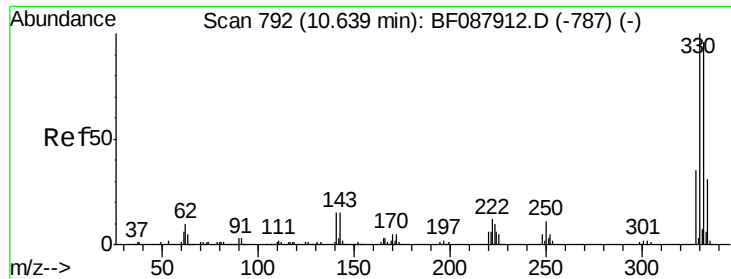
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:164 Resp: 206942
Ion Ratio Lower Upper
164 100
162 104.0 85.4 128.2
160 46.3 39.5 59.3



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

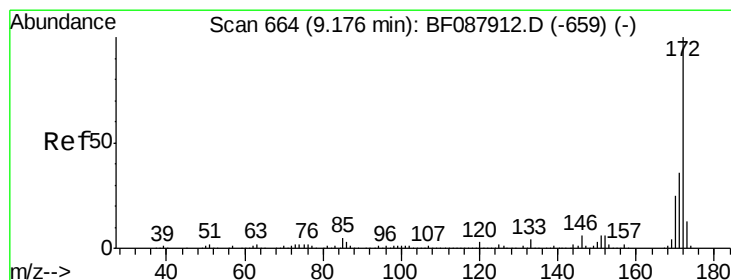
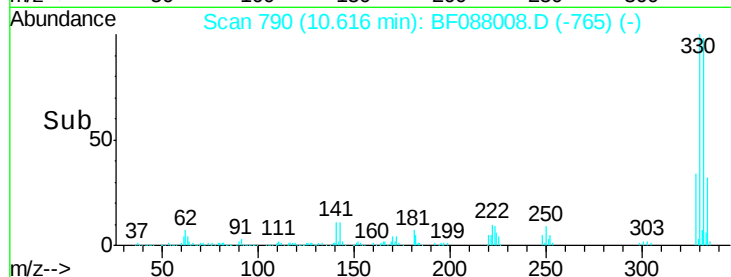
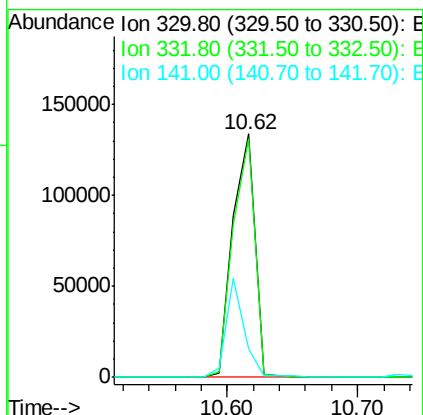
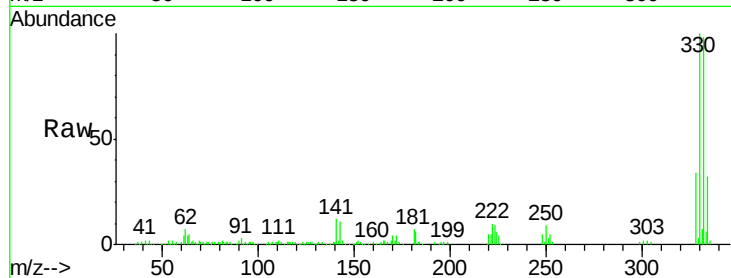




#41
 2,4,6-Tribromophenol
 Concen: 71.82 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF088008.D
 Acq: 14 Jun 2016 19:59

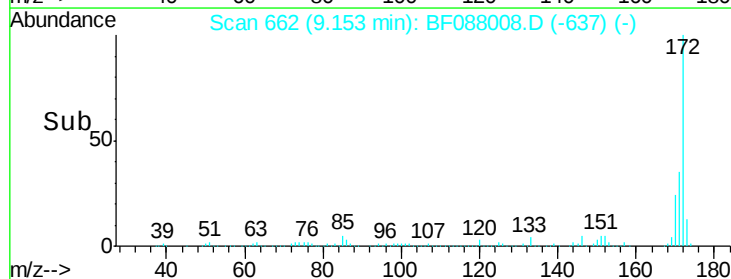
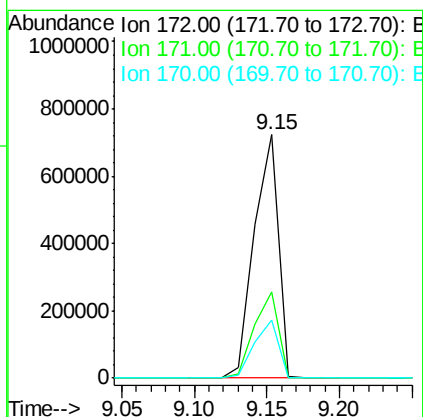
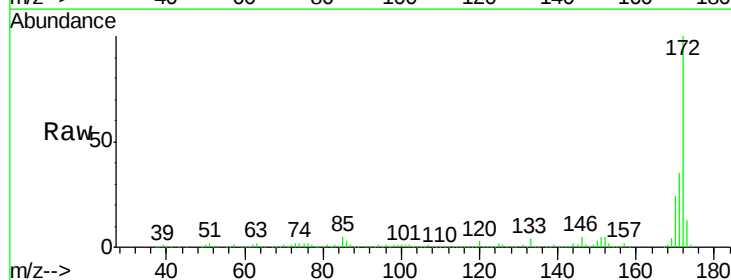
Instrument :
 BNA_F
 ClientSampleId :
 S7-B3-(0-9)C

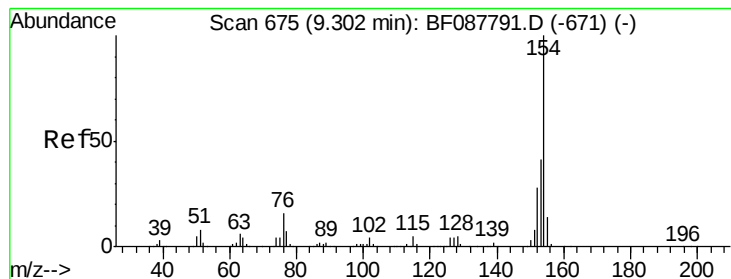
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	33.2	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 62.04 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF088008.D
 Acq: 14 Jun 2016 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.8	19.2	28.8





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.24 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

Instrument :

BNA_F

ClientSampleId :

S7-B3-(0-9)C

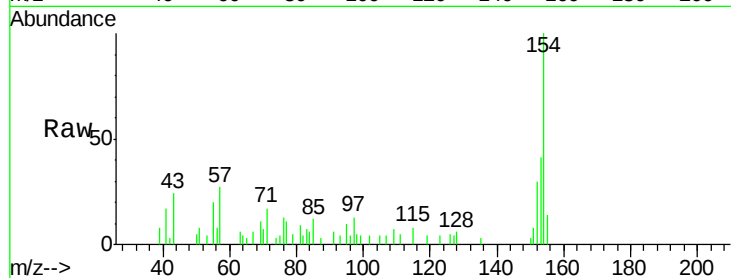
Tgt Ion:154 Resp: 8201

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

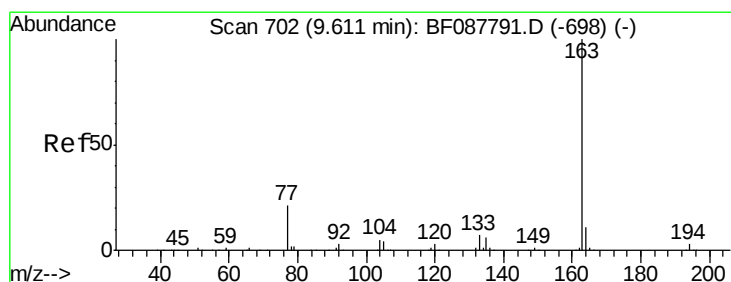
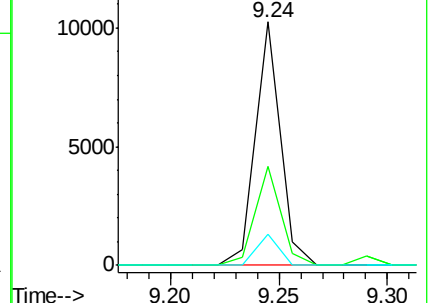
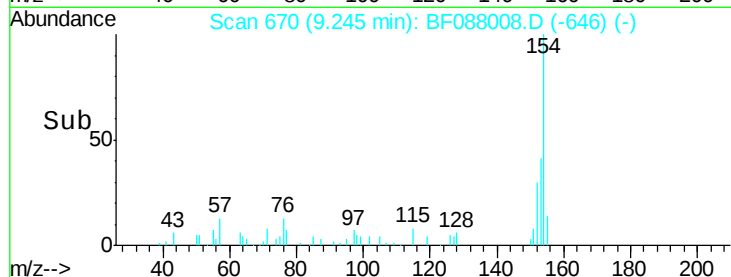
76 12.6 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 13.91 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

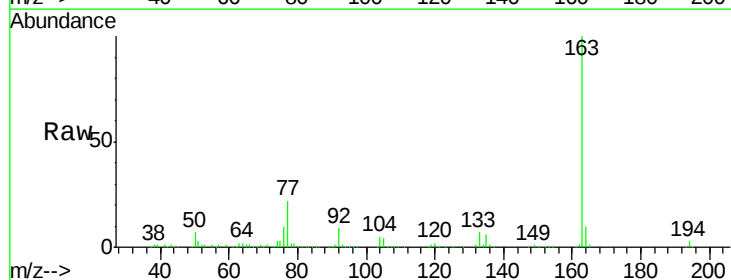
Tgt Ion:163 Resp: 208535

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

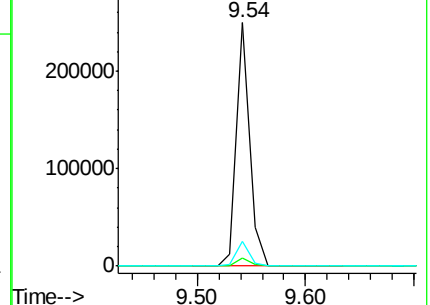
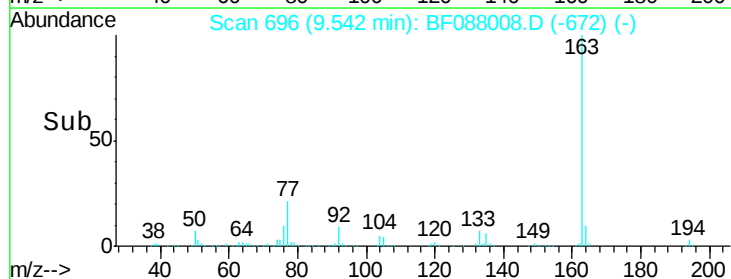
164 10.4 8.3 12.5

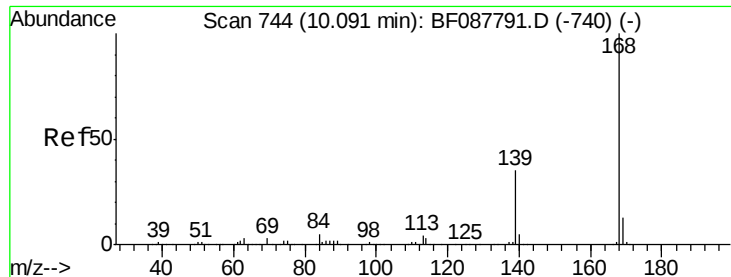


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

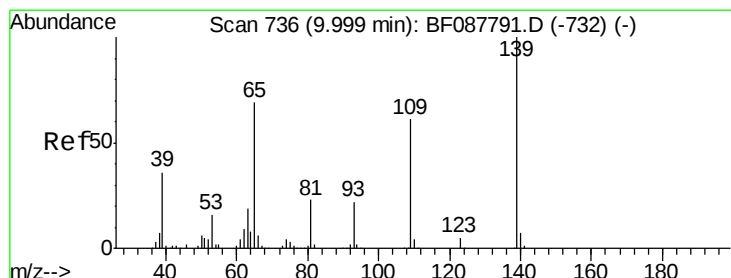
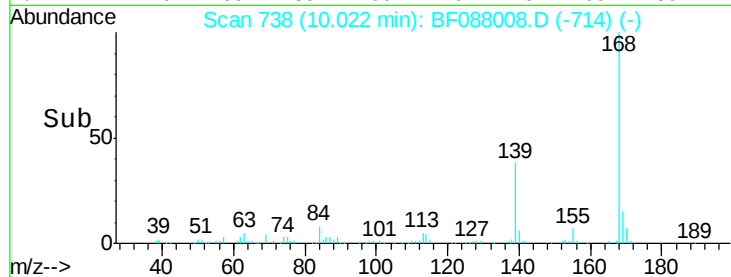
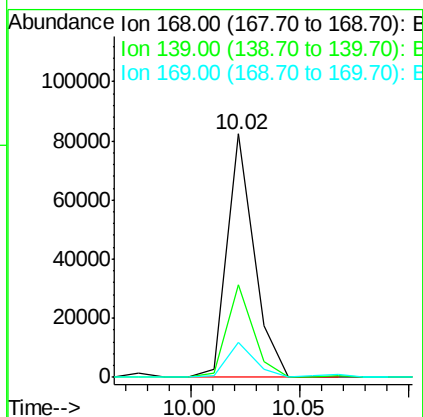
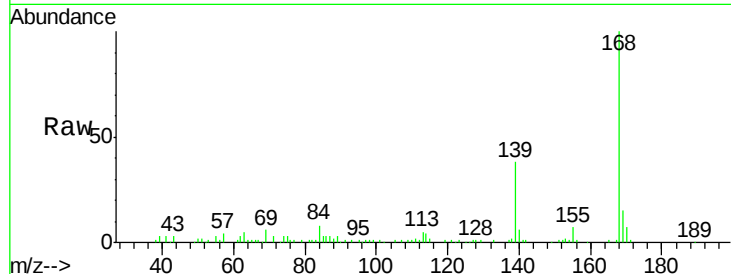




#54
Dibenzenofuran
Concen: 3.86 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

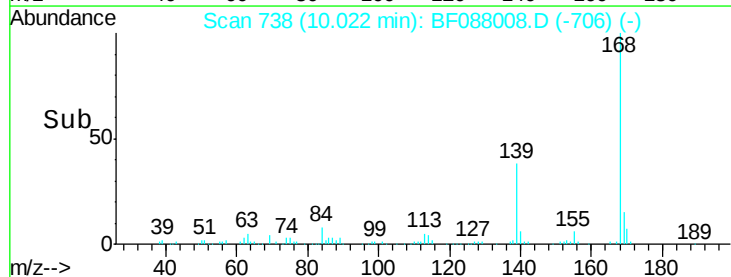
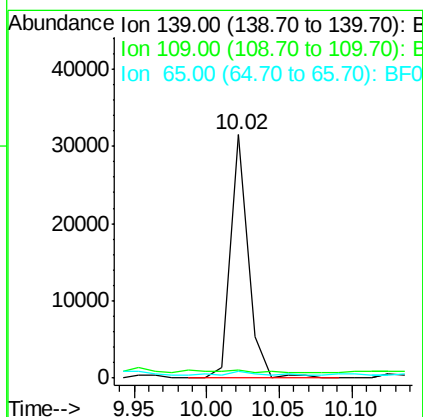
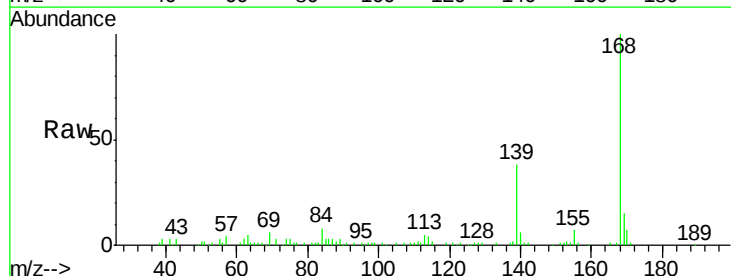
Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

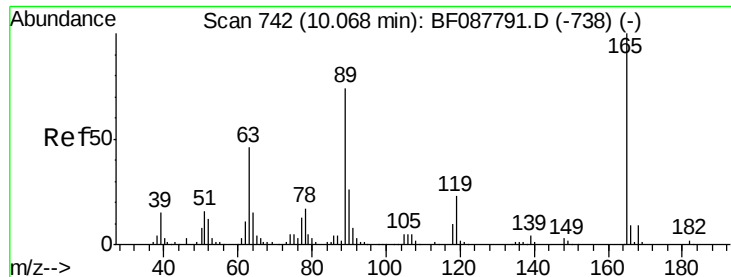
Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	26.4	39.6
169	14.5	10.4	15.6



#55
4-Nitrophenol
Concen: 8.66 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.07 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	3.4	48.9	88.9#
65	3.0	84.9	124.9#

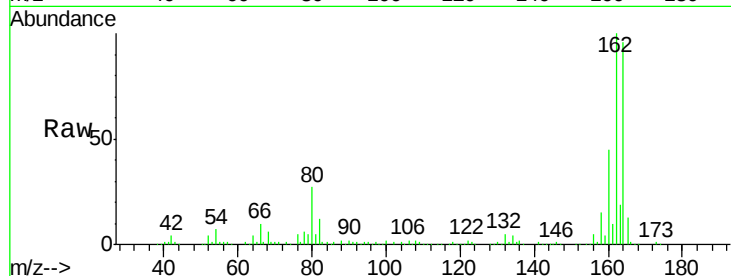




#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	22.0	33.0#
89	1.9	41.1	61.7#
182	0.0	2.0	3.0#

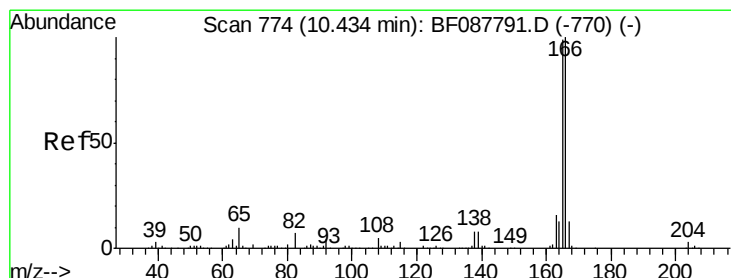
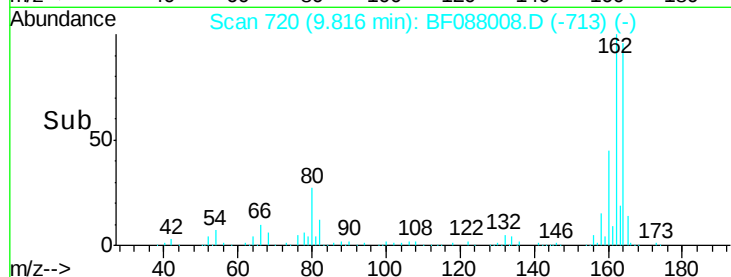
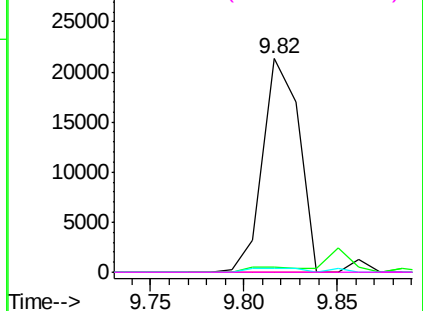


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

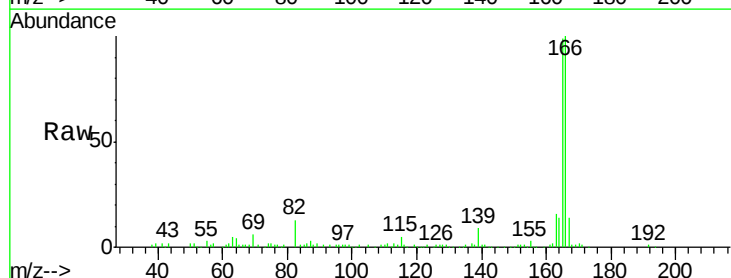
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 2.51 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

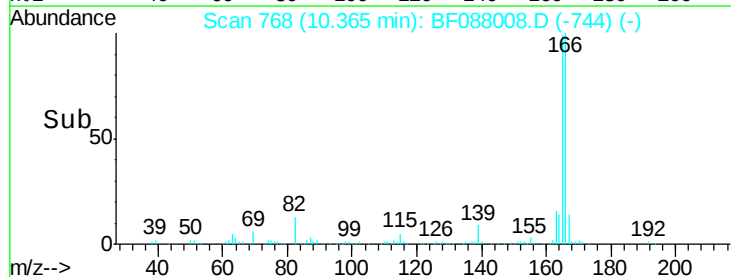
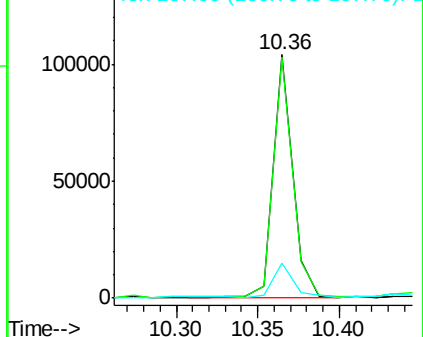
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.8
167	14.3	11.2	16.8

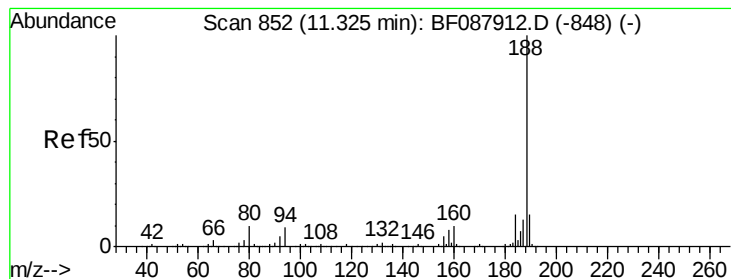


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

Instrument :

BNA_F

ClientSampleId :

S7-B3-(0-9)C

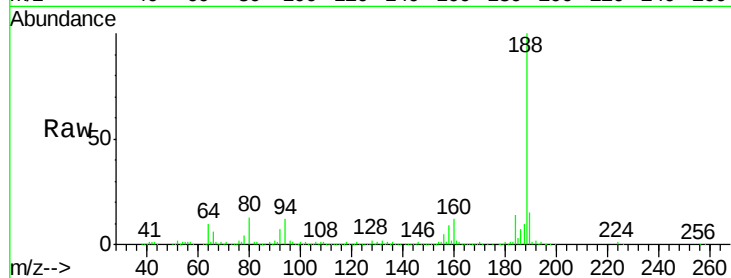
Tgt Ion:188 Resp: 328170

Ion Ratio Lower Upper

188 100

94 12.3 9.0 13.6

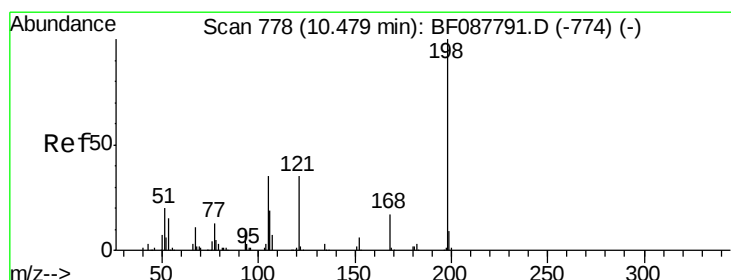
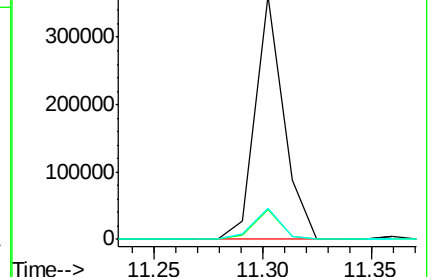
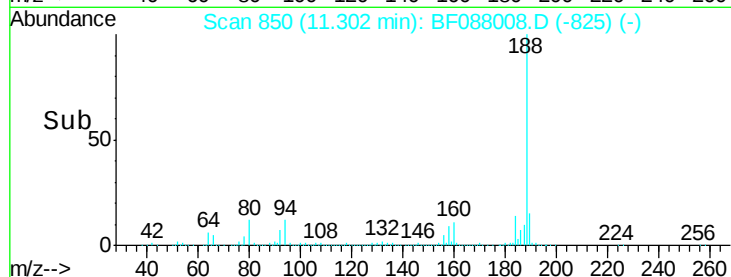
80 12.6 10.0 15.0



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: 2.28 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.17 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

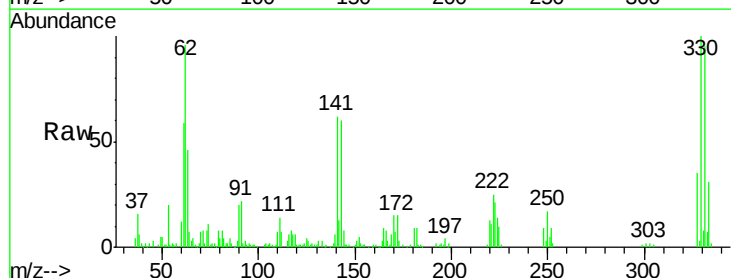
Tgt Ion:198 Resp: 252

Ion Ratio Lower Upper

198 100

51 359.7 39.6 79.6#

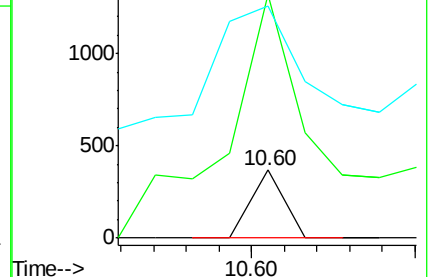
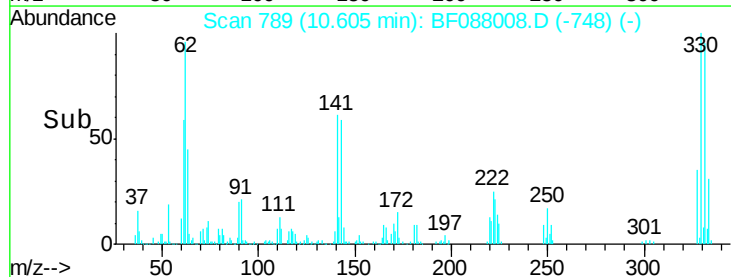
105 343.1 36.6 76.6#

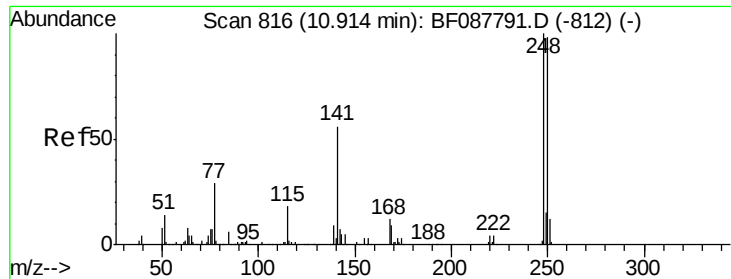


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 2.84 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.26 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

Instrument :

BNA_F

ClientSampleId :

S7-B3-(0-9)C

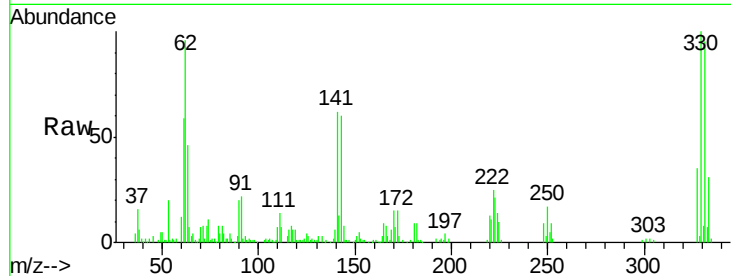
Tgt Ion:248 Resp: 10000

Ion Ratio Lower Upper

248 100

250 188.2 77.1 115.7#

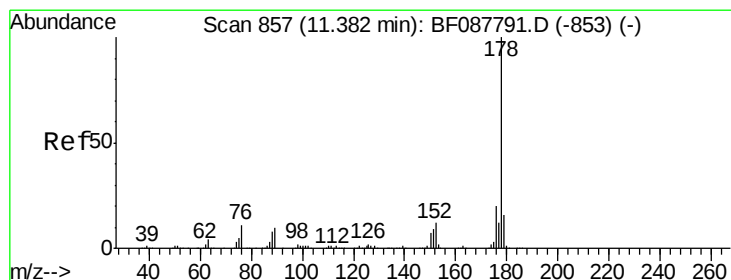
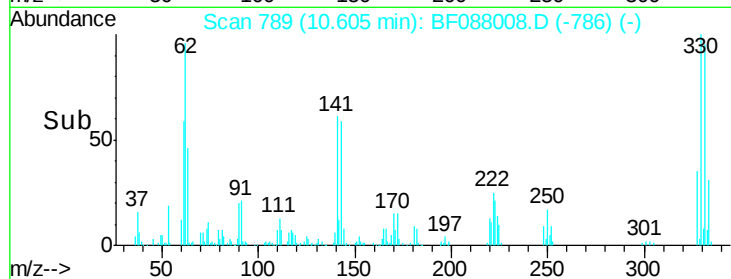
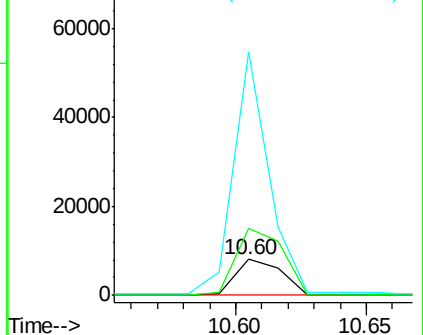
141 678.4 50.6 76.0#



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: 18.31 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

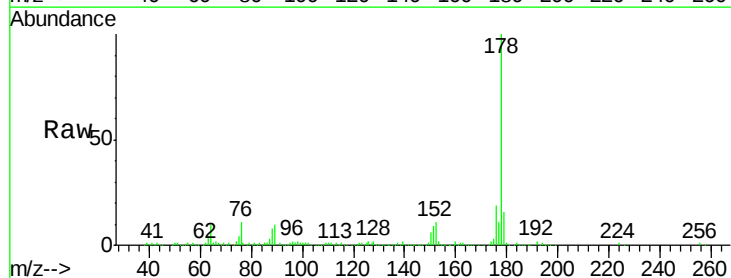
Tgt Ion:178 Resp: 315374

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

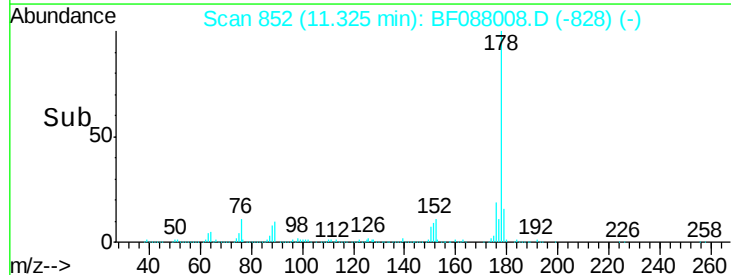
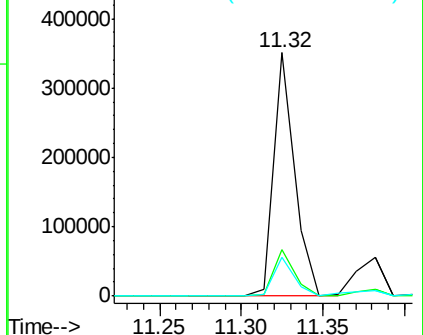
179 16.0 13.0 19.4

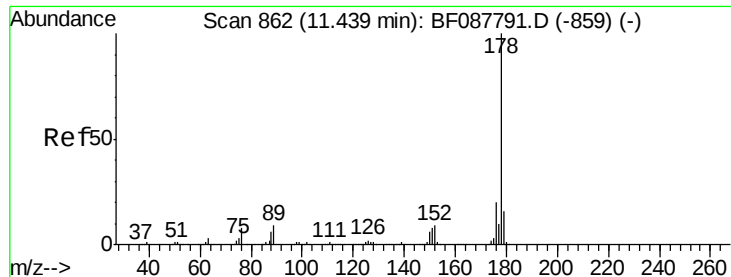


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

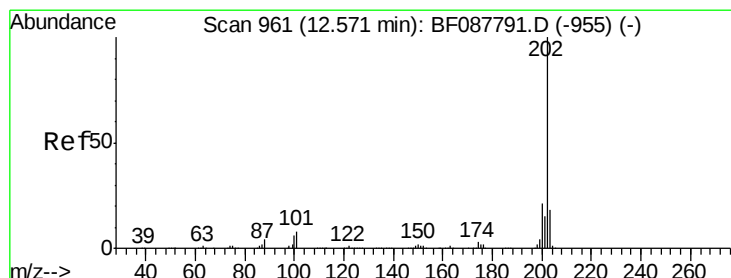
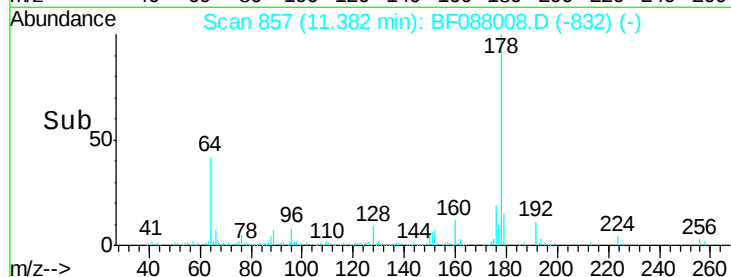
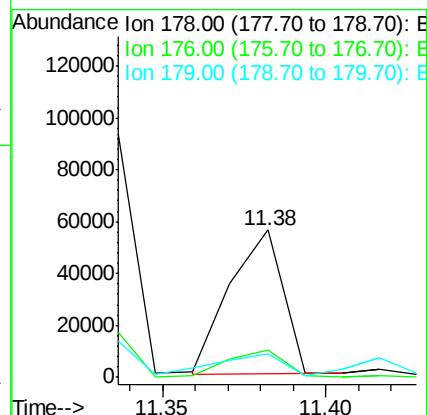
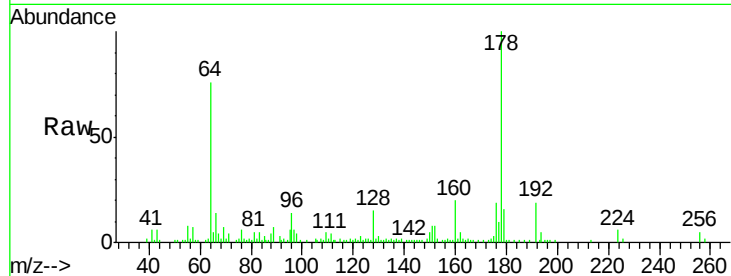




#71
 Anthracene
 Concen: 3.57 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BF088008.D
 Acq: 14 Jun 2016 19:59

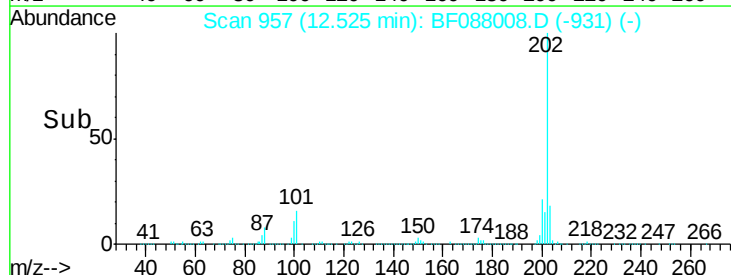
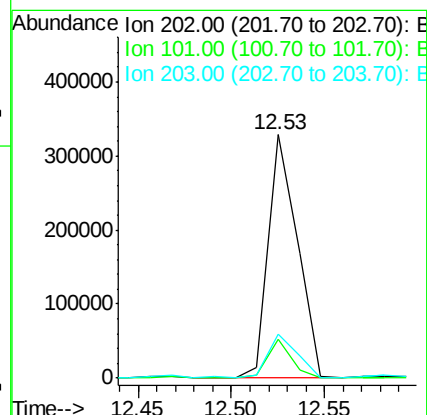
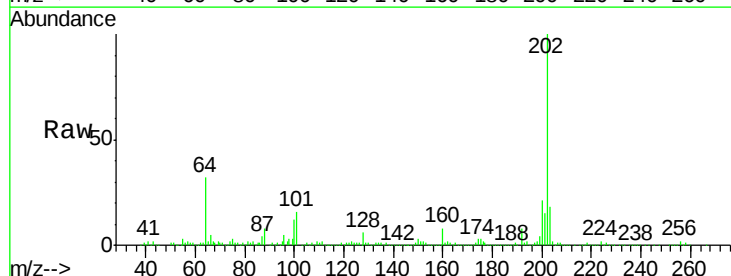
Instrument :
 BNA_F
 ClientSampleId :
 S7-B3-(0-9)C

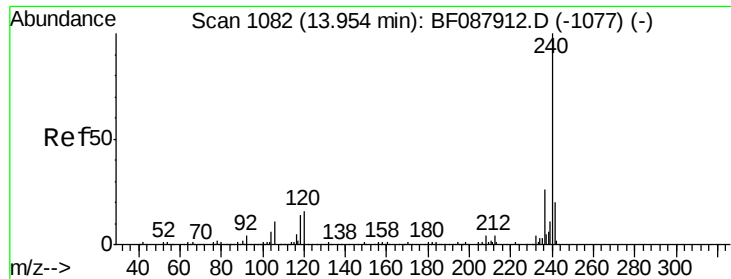
Tgt Ion:178 Resp: 61961
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.6 12.8 19.2



#74
 Fluoranthene
 Concen: 19.30 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF088008.D
 Acq: 14 Jun 2016 19:59

Tgt Ion:202 Resp: 350803
 Ion Ratio Lower Upper
 202 100
 101 16.0 0.0 33.1
 203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

Instrument :

BNA_F

ClientSampleId :

S7-B3-(0-9)C

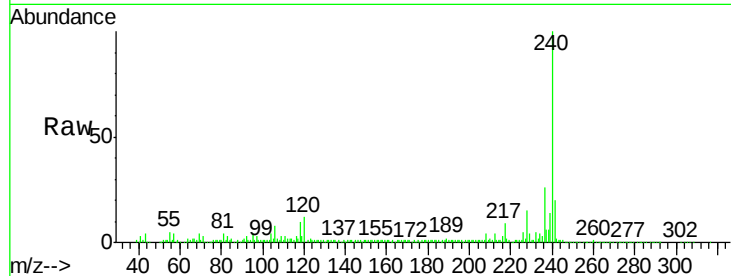
Tgt Ion:240 Resp: 244211

Ion Ratio Lower Upper

240 100

120 11.5 6.8 10.2#

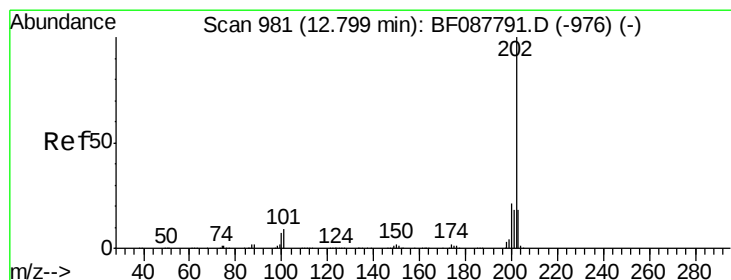
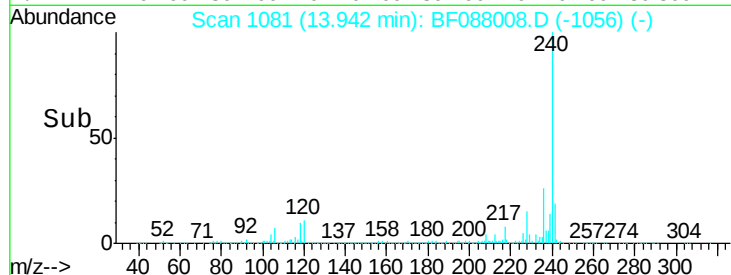
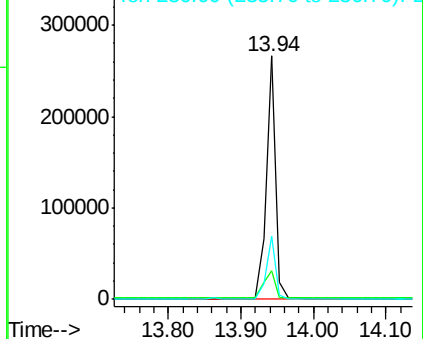
236 25.9 20.2 30.2



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: 19.97 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

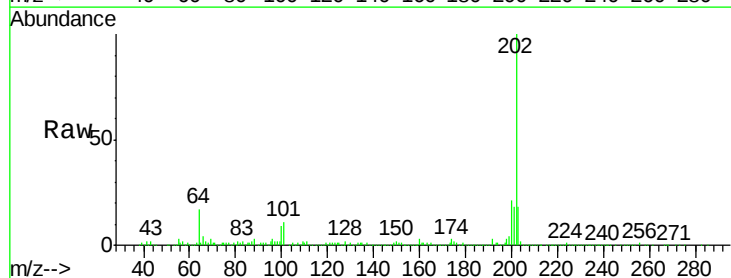
Tgt Ion:202 Resp: 361862

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

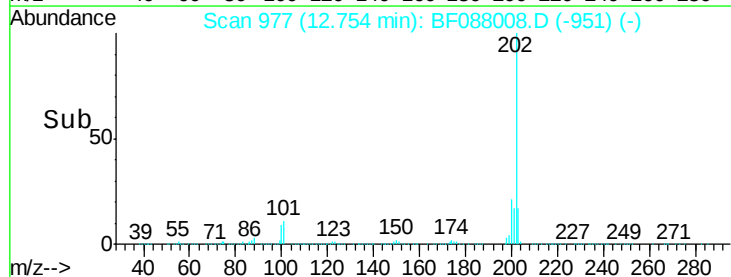
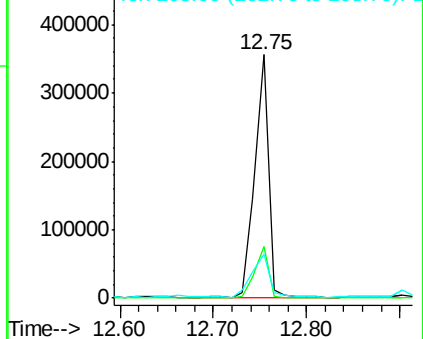
203 17.9 14.5 21.7

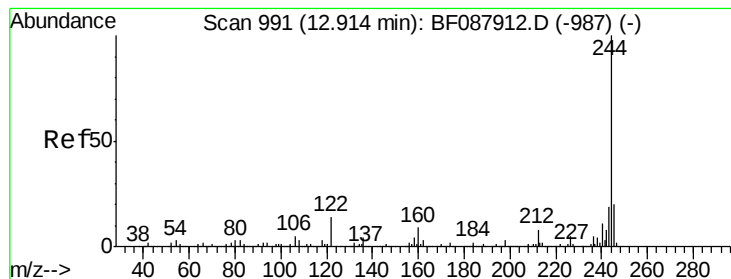


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 43.08 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

Instrument :

BNA_F

ClientSampleId :

S7-B3-(0-9)C

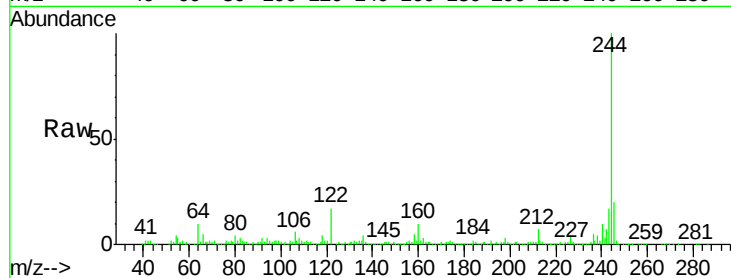
Tgt Ion:244 Resp: 462343

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

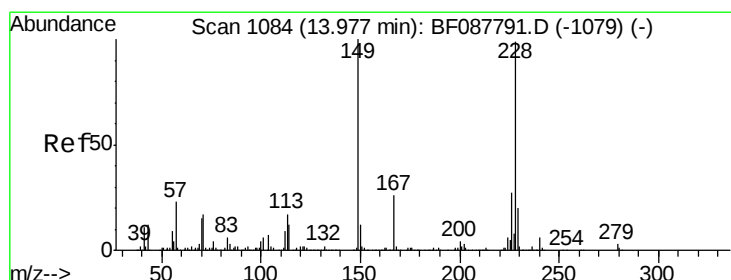
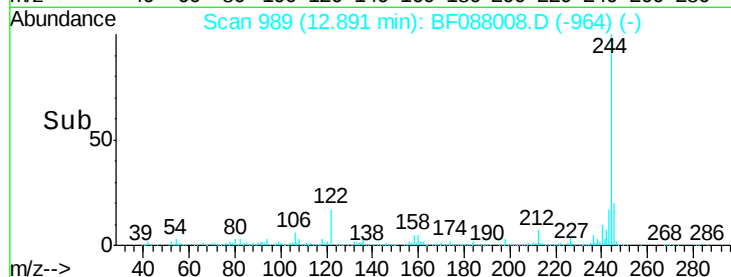
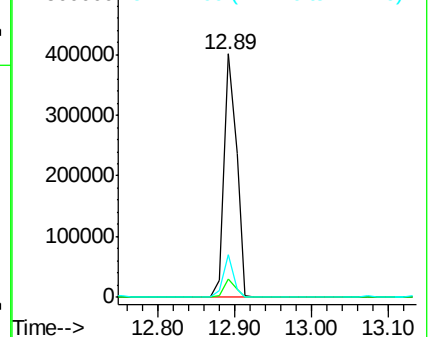
122 17.3 11.2 16.8#



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: 19.50 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

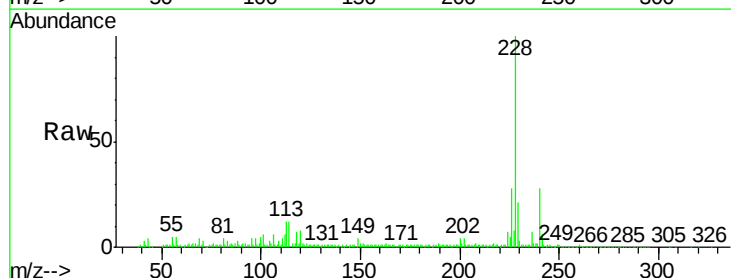
Tgt Ion:228 Resp: 271439

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

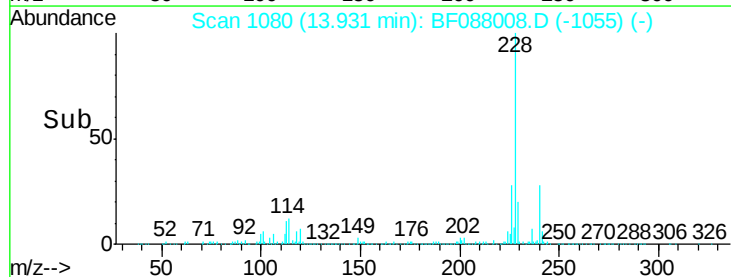
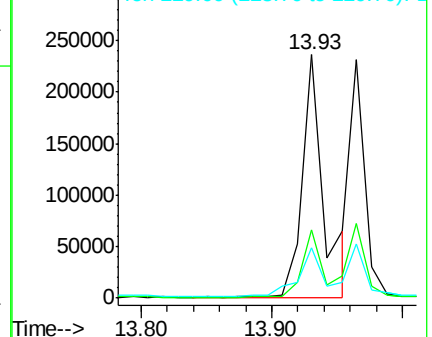
229 20.6 16.0 24.0

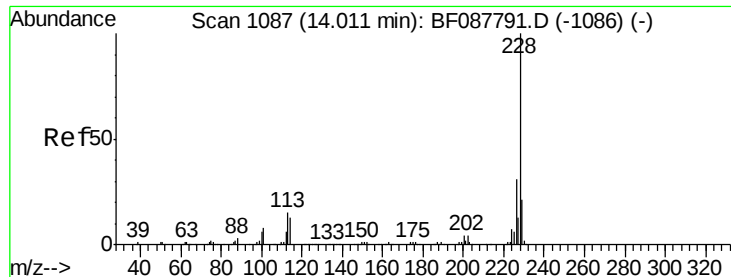


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 13.94 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

Instrument :

BNA_F

ClientSampleId :

S7-B3-(0-9)C

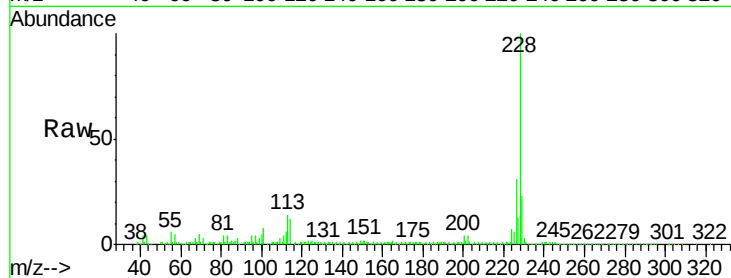
Tgt Ion:228 Resp: 182496

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.2

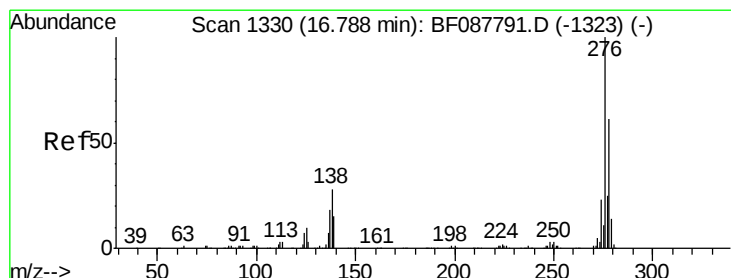
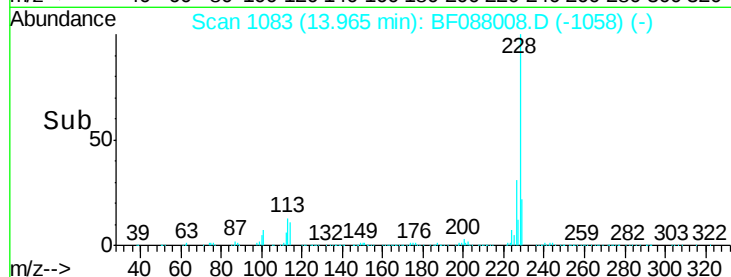
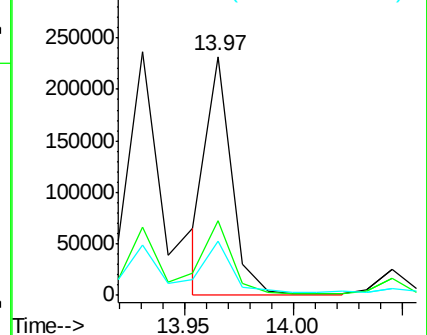
229 22.6 16.3 24.5



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: 12.20 ng

RT: 16.71 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF088008.D

Acq: 14 Jun 2016 19:59

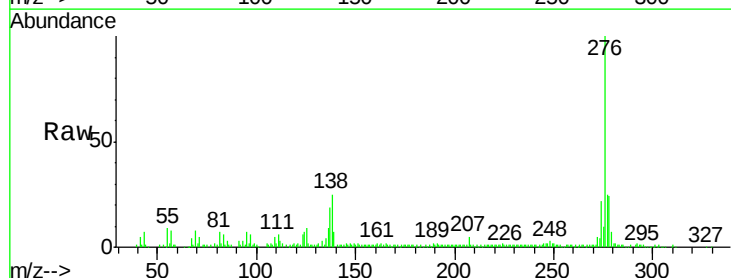
Tgt Ion:276 Resp: 148429

Ion Ratio Lower Upper

276 100

138 27.7 0.0 0.0#

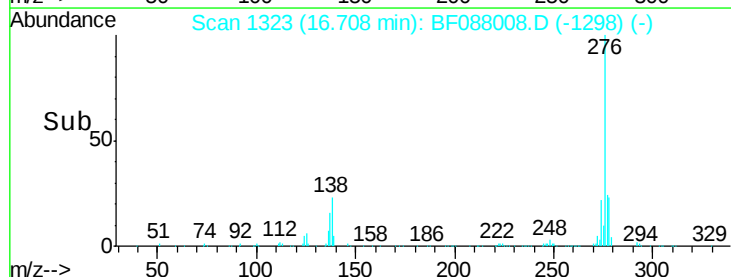
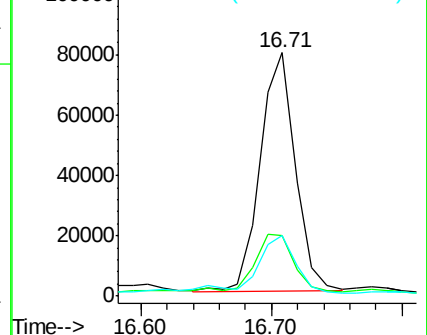
277 27.7 0.0 0.0#

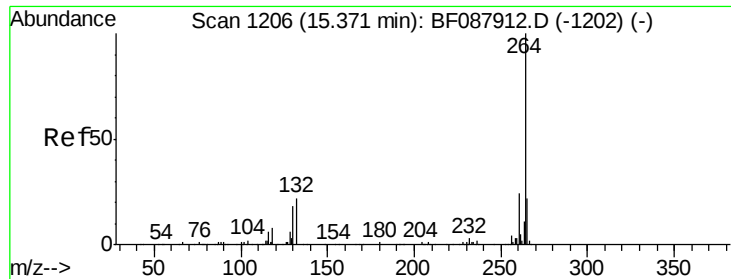


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

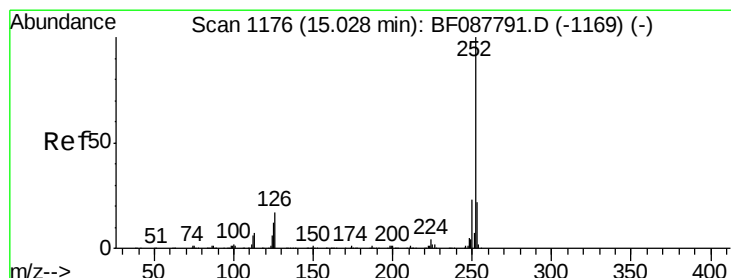
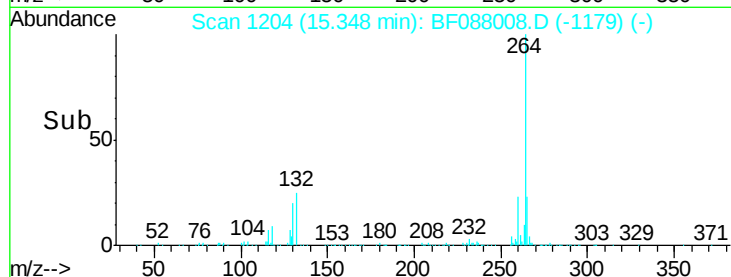
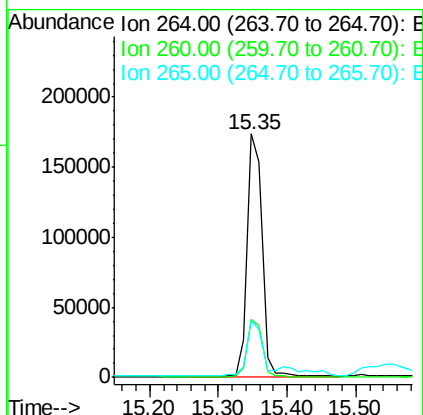
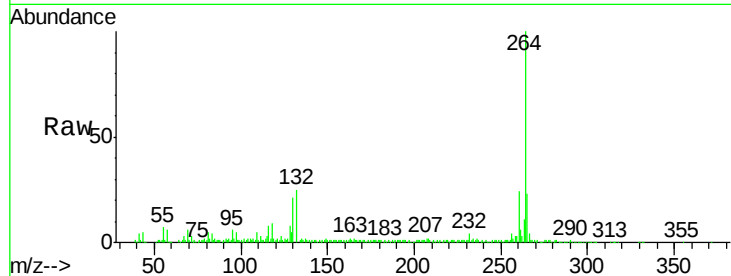




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

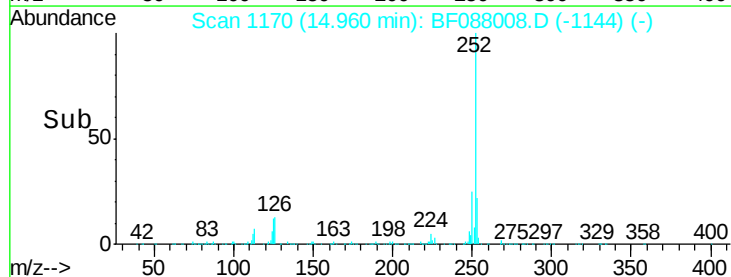
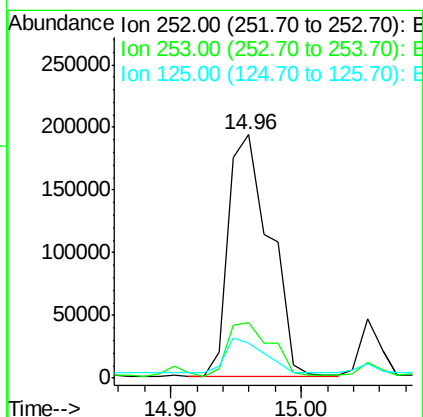
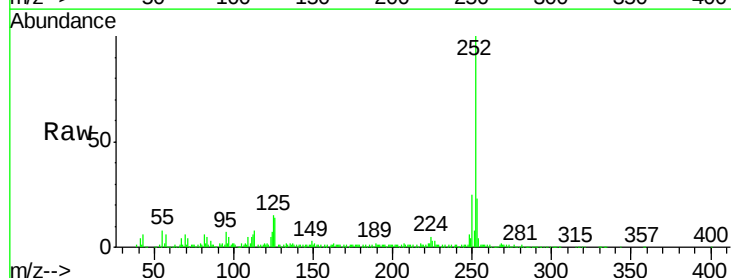
Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

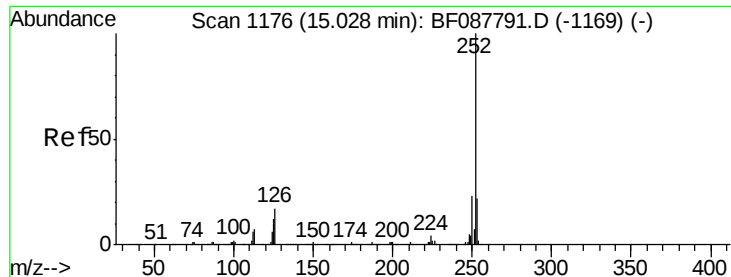
Tgt Ion:264 Resp: 259749
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 23.2 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 23.52 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:252 Resp: 425793
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 14.6 7.1 10.7#

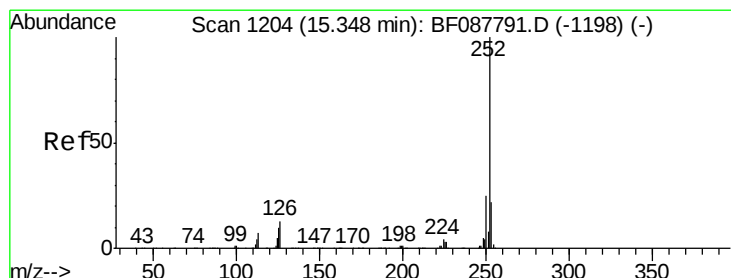
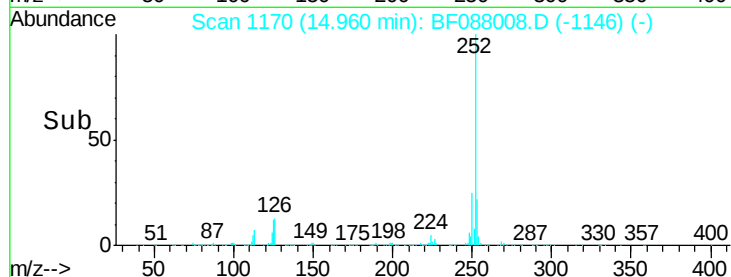
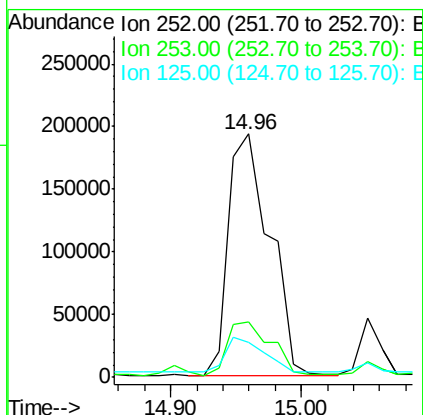
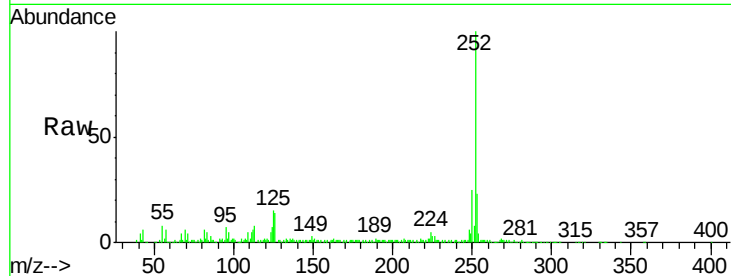




#88
Benzo(k)fluoranthene
Concen: 31.18 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

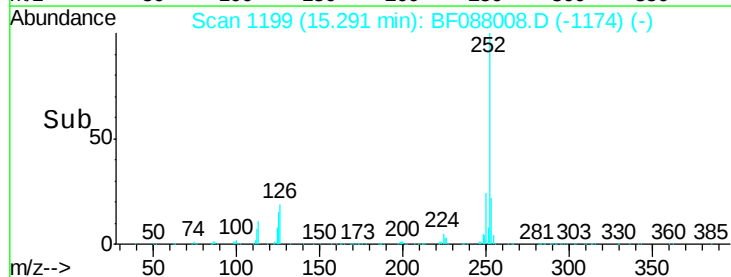
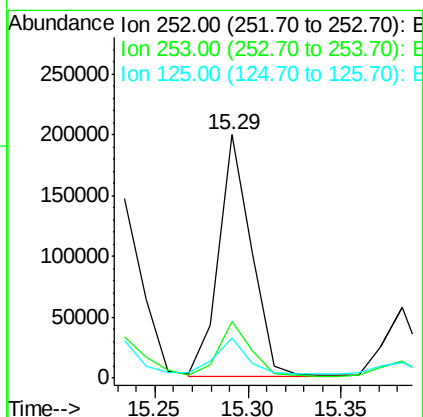
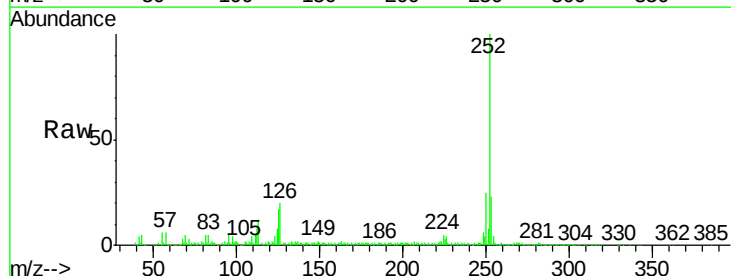
Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

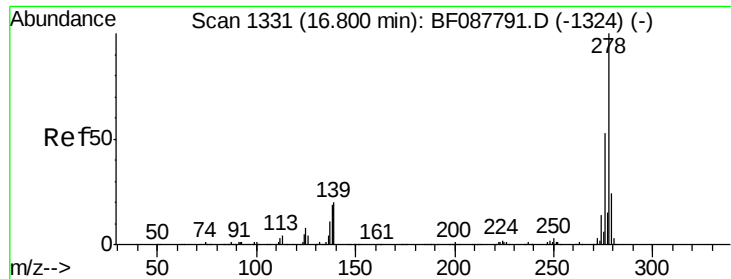
Tgt Ion:252 Resp: 425793
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 14.6 11.2 16.8



#89
Benzo(a)pyrene
Concen: 16.63 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion:252 Resp: 243617
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 16.6 12.5 18.7

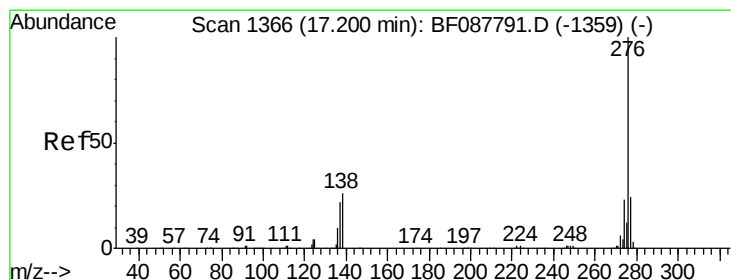
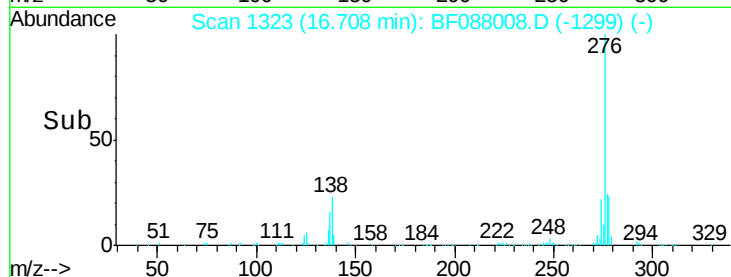
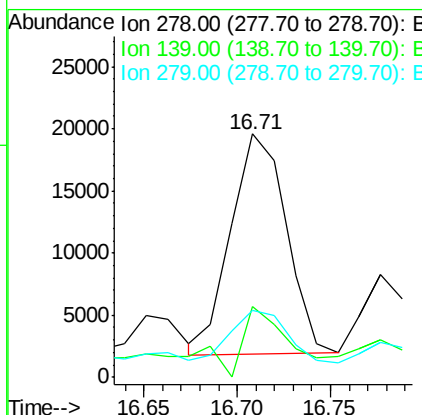
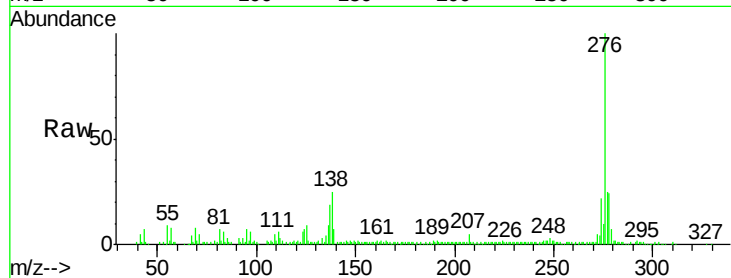




#90
Dibenzo(a,h)anthracene
Concen: 2.68 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Instrument :
BNA_F
ClientSampleId :
S7-B3-(0-9)C

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.2	15.7	23.5#
279	27.5	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 10.46 ng
RT: 17.11 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF088008.D
Acq: 14 Jun 2016 19:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	29.1	21.4	32.2

