

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083821.D
 Acq On : 15 Dec 2015 16:31
 Operator : UM/IZ
 Sample : G4739-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K1206-0-2

Quant Time: Dec 16 00:50:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	97125	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	380867	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	146386	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	226380	20.00	ng	-0.02
75) Chrysene-d12	14.07	240	180993	20.00	ng	-0.01
86) Perylene-d12	15.51	264	157114	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	669326	111.18	ng	-0.01
7) Phenol-d6	6.53	99	761423	99.87	ng	-0.01
23) Nitrobenzene-d5	7.46	82	459705	67.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	142792	95.73	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	764962	73.53	ng	-0.02
78) Terphenyl-d14	13.01	244	509520	60.56	ng	-0.01

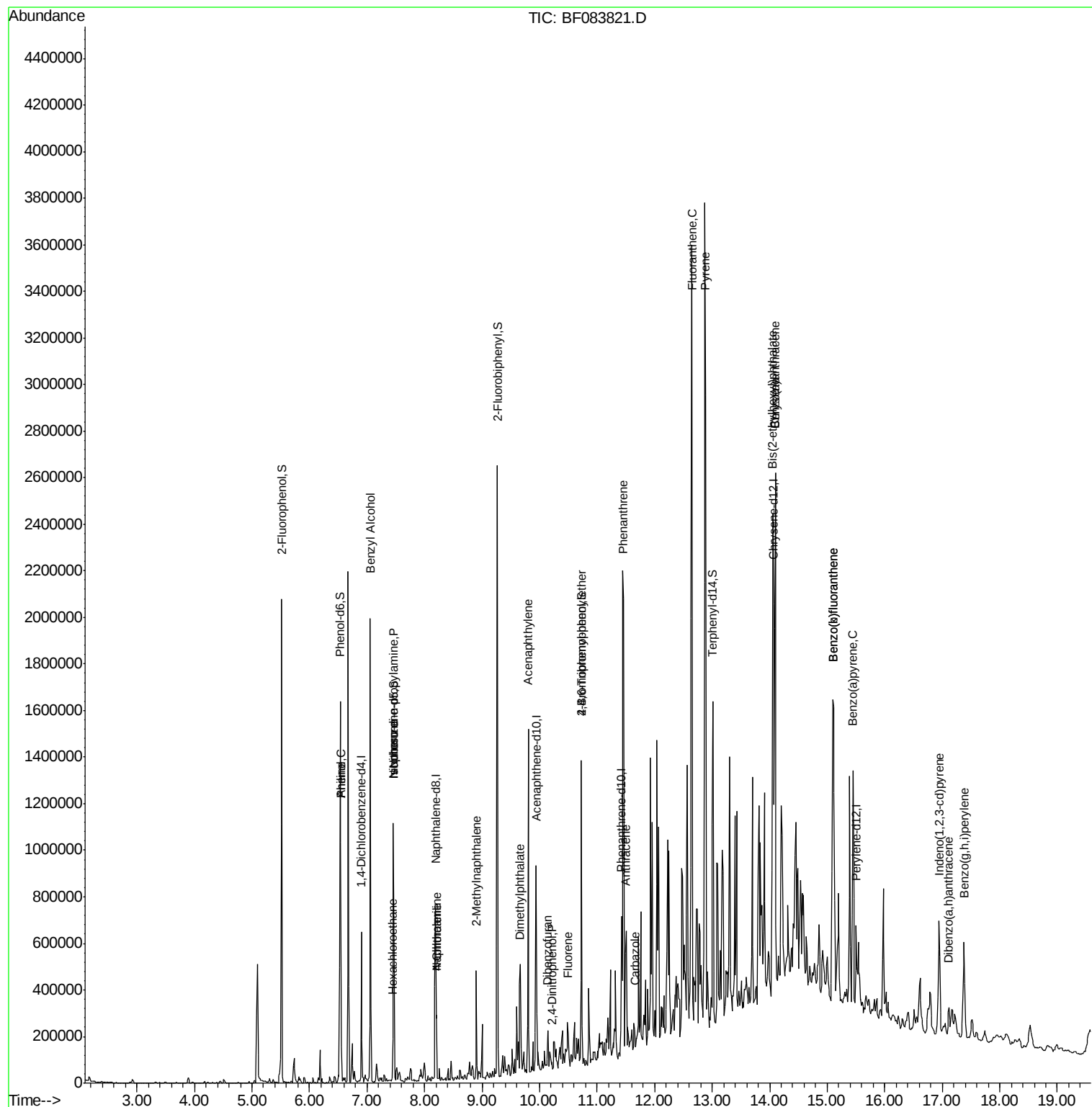
Target Compounds						Qvalue
6) Aniline	6.54	93	74838	7.23	ng	# 71
10) Phenol	6.54	94	21729	2.48	ng	79
15) Benzyl Alcohol	7.06	79	11699	2.09	ng	# 56
18) Hexachloroethane	7.45	117	5721	2.12	ng	# 28
19) n-Nitroso-di-n-propylamine	7.46	70	61569	13.19	ng	# 71
25) Isophorone	7.46	82	419103	31.38	ng	# 69
31) Naphthalene	8.21	128	181214	9.13	ng	99
33) 4-Chloroaniline	8.21	127	24049	2.97	ng	# 32
37) 2-Methylnaphthalene	8.90	142	101211	8.12	ng	98
48) Acenaphthylene	9.80	152	565179	35.08	ng	99
49) Dimethylphthalate	9.65	163	131050	11.48	ng	100
53) 2,4-Dinitrophenol	10.22	184	210	2.60	ng	# 20
54) Dibenzofuran	10.14	168	30800	2.39	ng	# 84
57) Fluorene	10.49	166	90643	8.92	ng	93
66) 4-Bromophenyl-phenylether	10.73	248	10167	4.02	ng	# 1
70) Phenanthrene	11.46	178	1204576	100.16	ng	100
71) Anthracene	11.50	178	320859	25.69	ng	99
72) Carbazole	11.65	167	26116	2.24	ng	# 93
74) Fluoranthene	12.65	202	1469491	118.26	ng	97
77) Pyrene	12.88	202	2419988	169.17	ng	97
80) Benzo(a)anthracene	14.10	228	973161	94.56	ng	94
82) Chrysene	14.10	228	973161	96.95	ng	98
83) Bis(2-ethylhexyl)phthalate	14.05	149	18353	2.63	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.95	276	324106	32.87	ng	# 100
87) Benzo(b)fluoranthene	15.11	252	1096866	109.43	ng	# 97
88) Benzo(k)fluoranthene	15.11	252	1096866	120.77	ng	99
89) Benzo(a)pyrene	15.45	252	380894	42.58	ng	97
90) Dibenzo(a,h)anthracene	17.12	278	75428	8.48	ng	93
91) Benzo(g,h,i)perylene	17.38	276	321423	35.16	ng	100

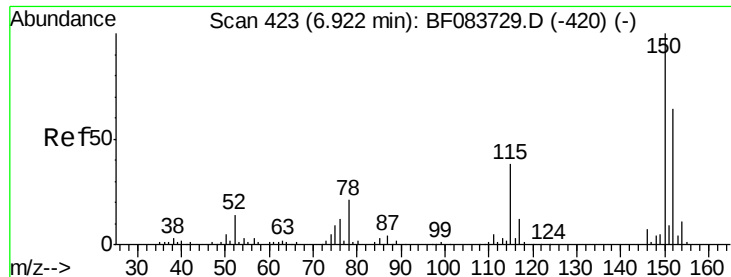
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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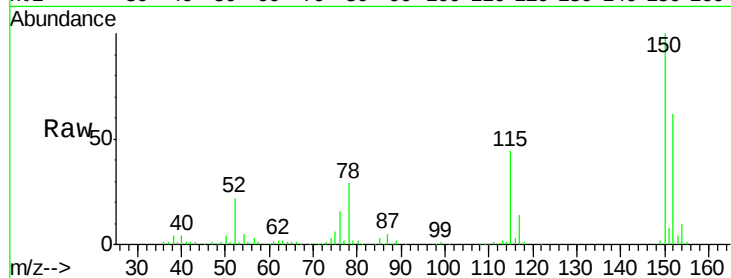


#1

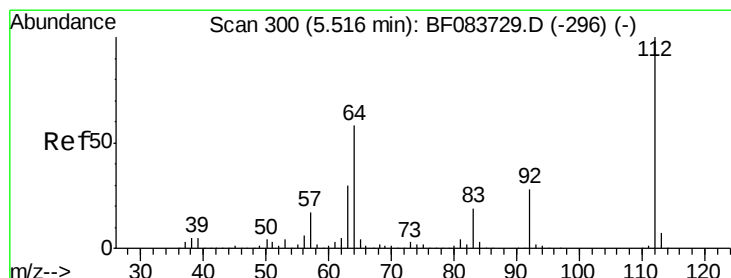
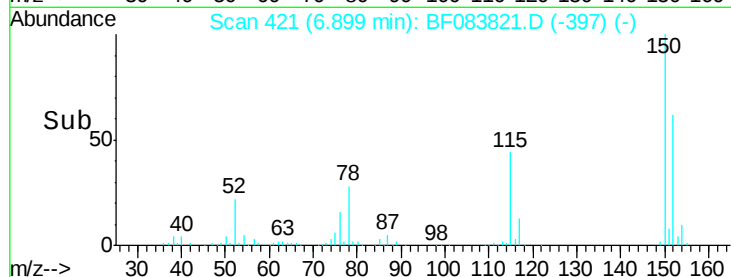
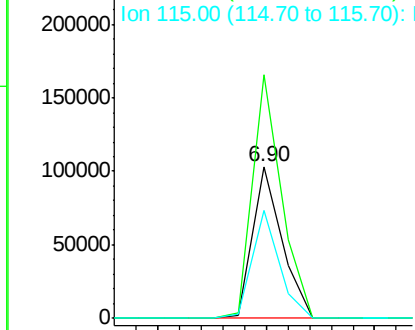
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:152 Resp: 97125
Ion Ratio Lower Upper
152 100
150 160.6 126.5 189.7
115 71.0 52.3 78.5



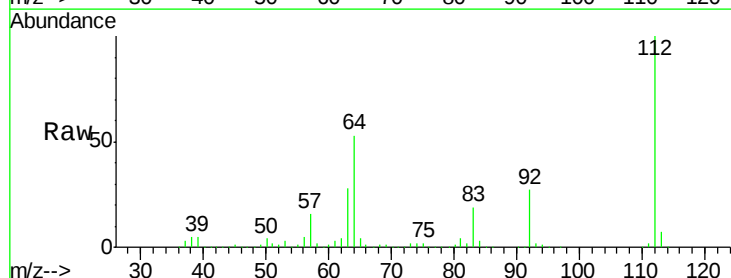
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



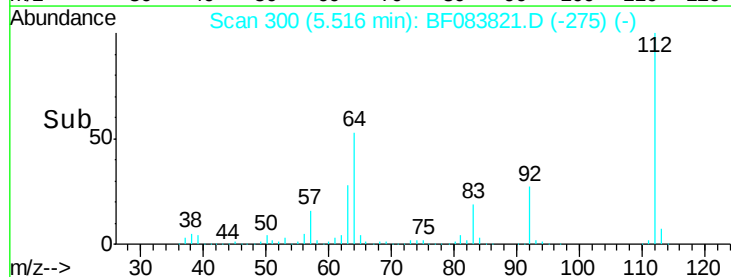
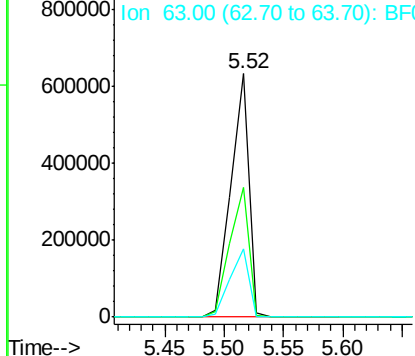
#5

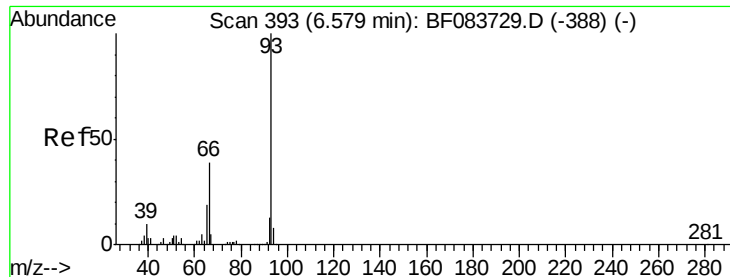
2-Fluorophenol
Concen: 111.18 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:112 Resp: 669326
Ion Ratio Lower Upper
112 100
64 53.4 50.5 75.7
63 28.1 25.8 38.6



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





#6

Aniline

Concen: 7.23 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.03 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

K1206-0-2

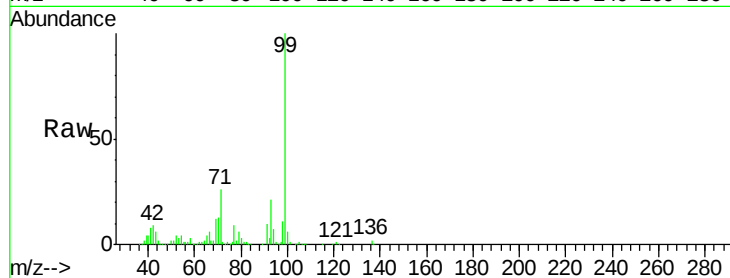
Tgt Ion: 93 Resp: 74838

Ion Ratio Lower Upper

93 100

66 26.8 41.3 61.9#

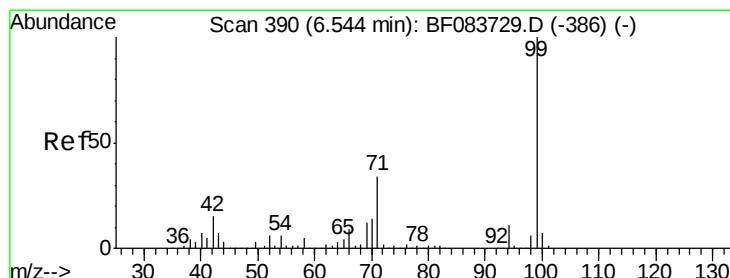
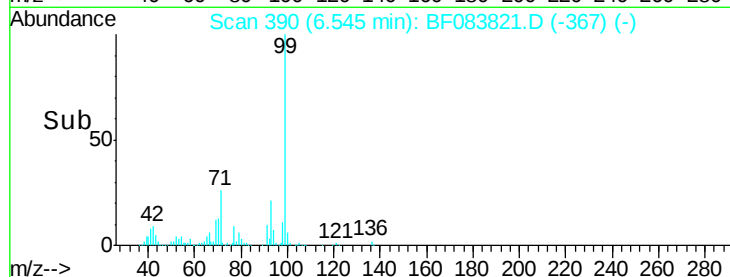
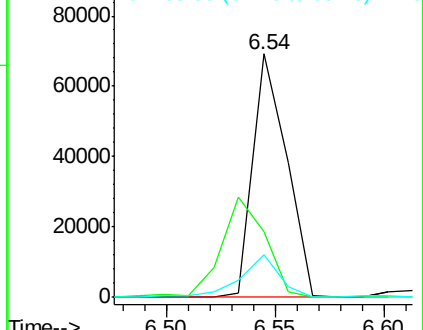
65 17.5 20.8 31.2#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 99.87 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

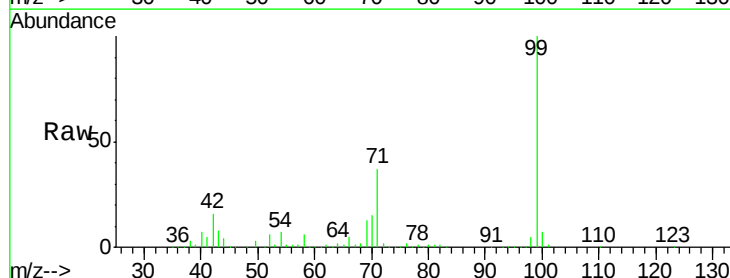
Tgt Ion: 99 Resp: 761423

Ion Ratio Lower Upper

99 100

42 16.4 17.3 25.9#

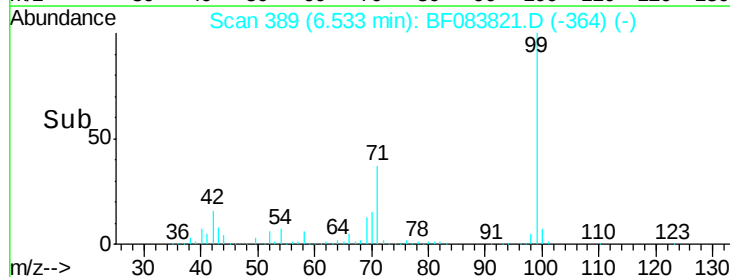
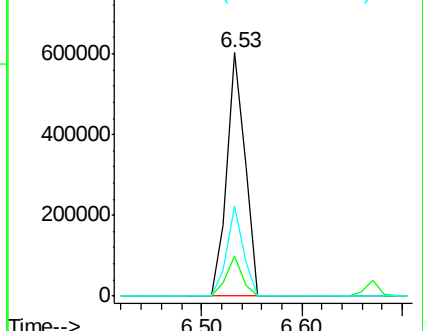
71 36.8 26.6 40.0

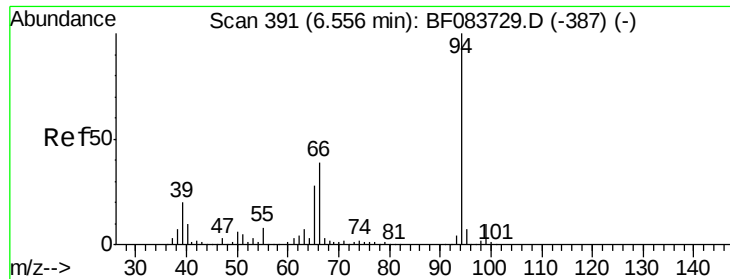


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.48 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

K1206-0-2

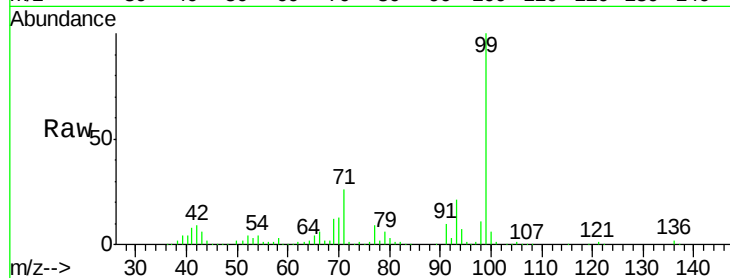
Tgt Ion: 94 Resp: 21729

Ion Ratio Lower Upper

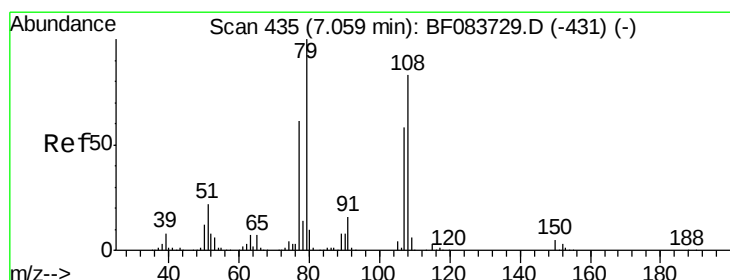
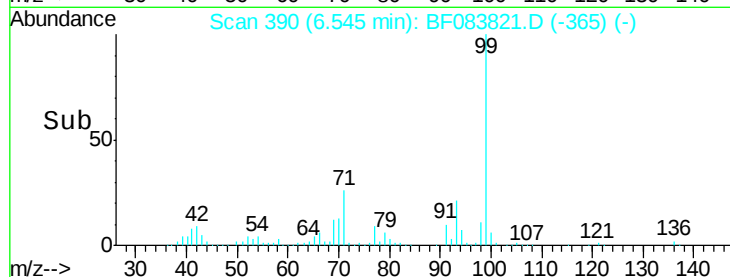
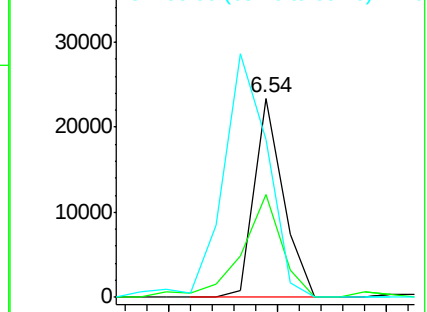
94 100

65 51.8 20.9 60.9

66 79.4 41.6 81.6



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



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

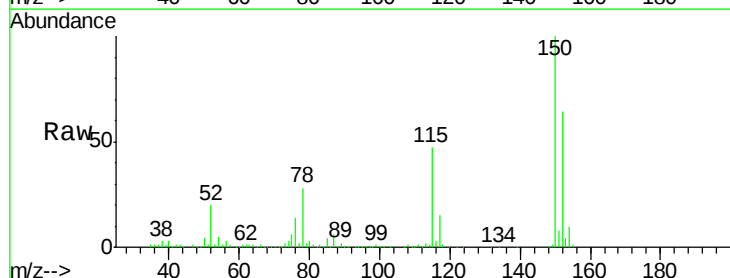
Tgt Ion: 79 Resp: 11699

Ion Ratio Lower Upper

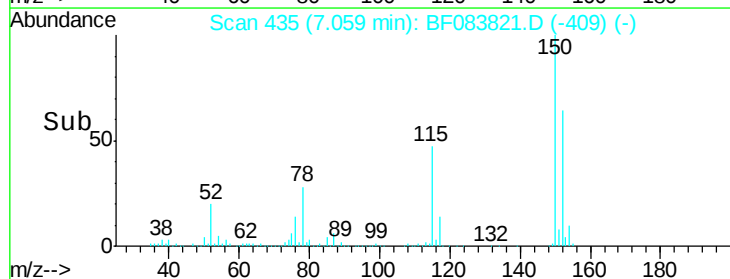
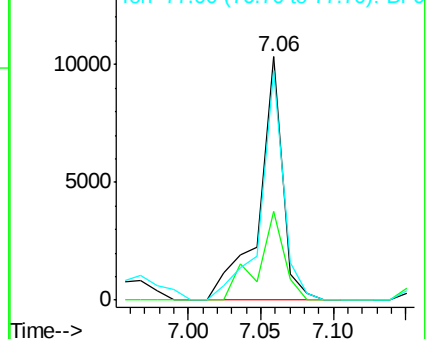
79 100

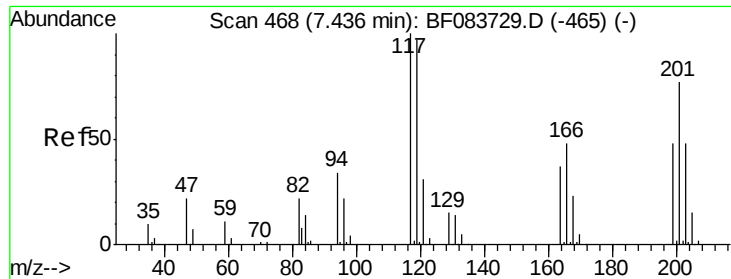
108 36.3 59.6 89.4#

77 94.4 49.8 74.6#



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





#18

Hexachloroethane

Concen: 2.12 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

K1206-0-2

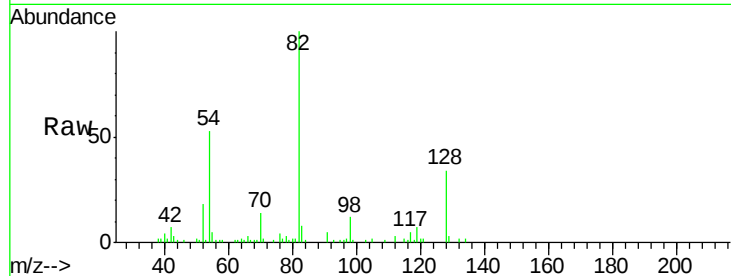
Tgt Ion: 117 Resp: 5721

Ion Ratio Lower Upper

117 100

119 131.4 77.2 115.8#

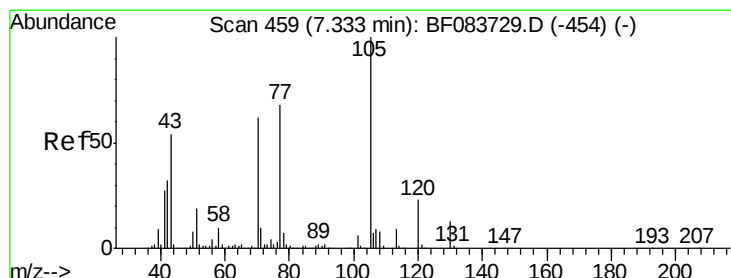
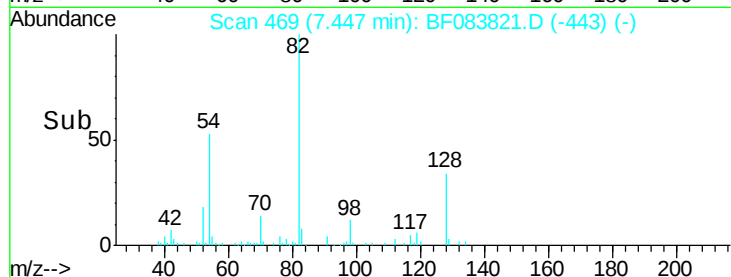
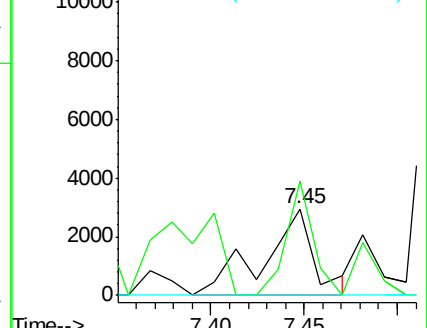
201 0.0 86.8 130.2#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 13.19 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

Tgt Ion: 70 Resp: 61569

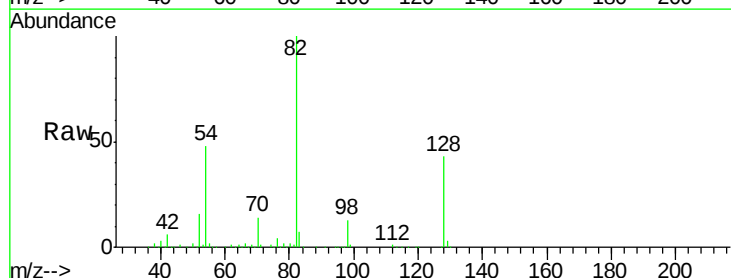
Ion Ratio Lower Upper

70 100

42 40.8 49.2 73.8#

101 0.0 7.1 10.7#

130 2.5 15.4 23.0#

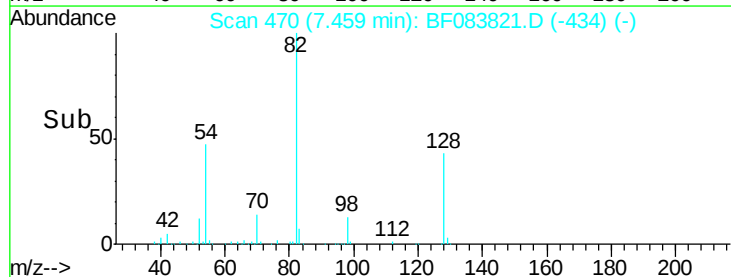
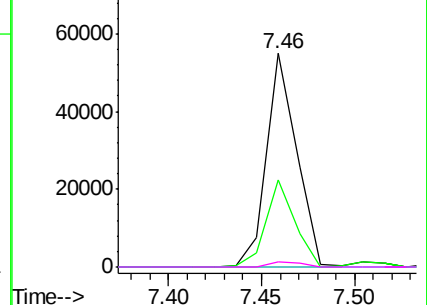


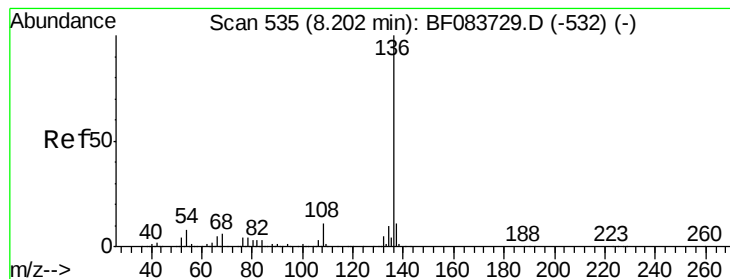
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.19 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

K1206-0-2

Tgt Ion: 136 Resp: 380867

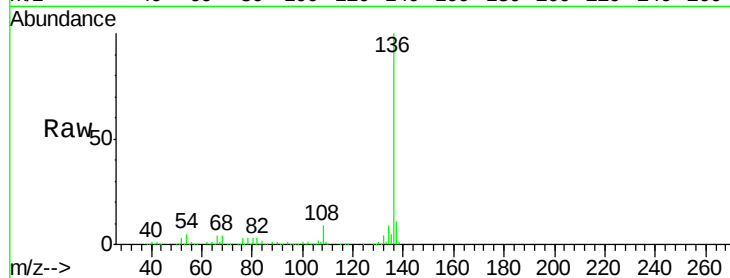
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 5.4 7.8 11.6#

68 4.4 5.7 8.5#

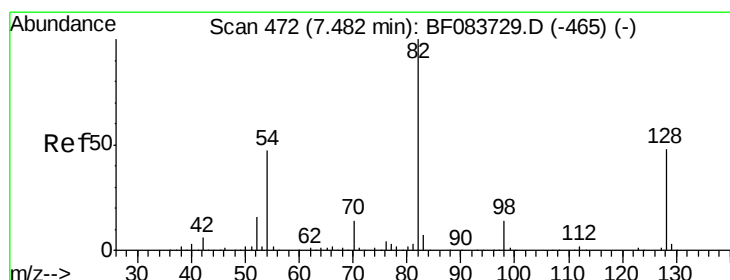
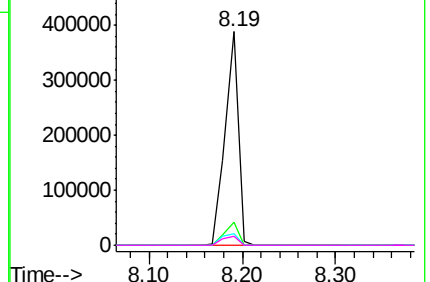
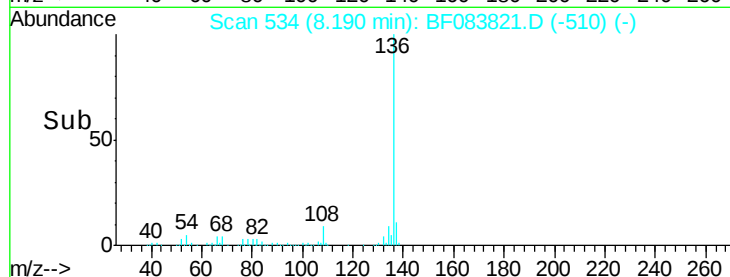


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.53 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

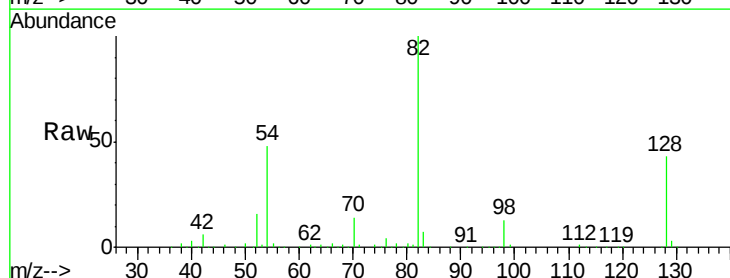
Tgt Ion: 82 Resp: 459705

Ion Ratio Lower Upper

82 100

128 43.1 30.7 46.1

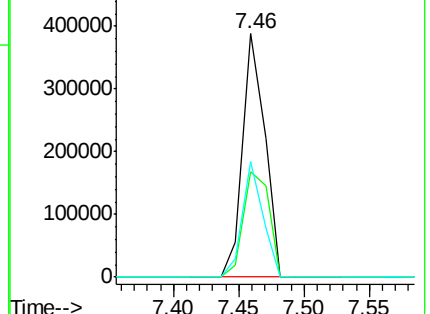
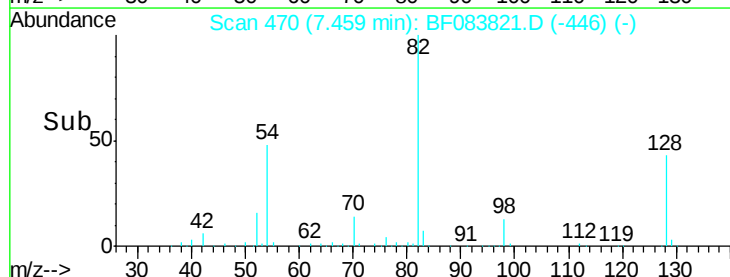
54 47.6 42.5 63.7

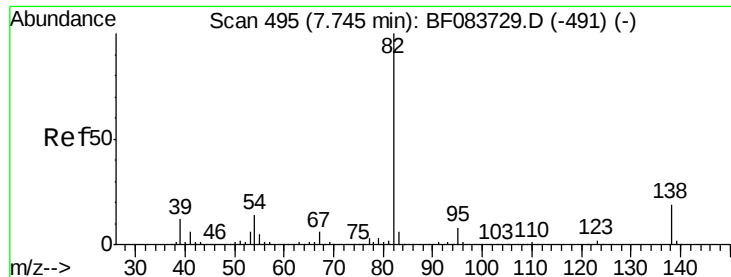


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.38 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.29 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

K1206-0-2

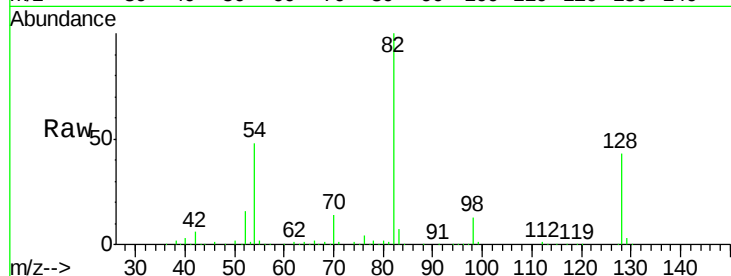
Tgt Ion: 82 Resp: 419103

Ion Ratio Lower Upper

82 100

95 0.1 5.0 7.4#

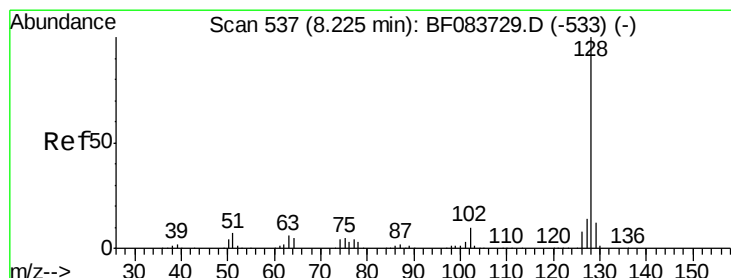
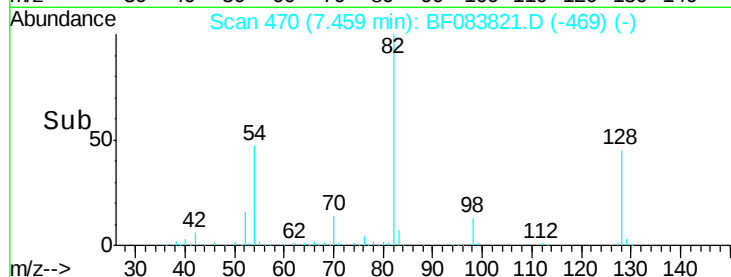
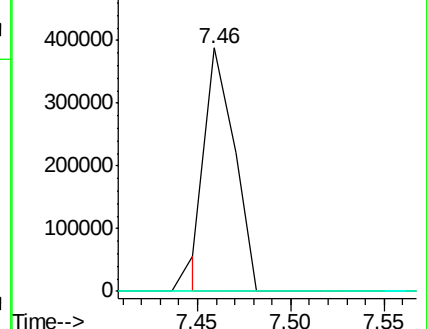
138 0.0 12.1 18.1#



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: 9.13 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

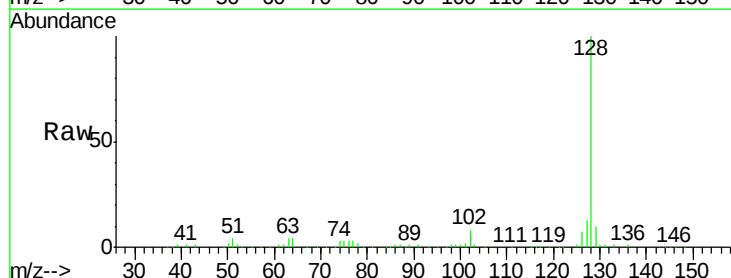
Tgt Ion: 128 Resp: 181214

Ion Ratio Lower Upper

128 100

129 10.5 8.6 13.0

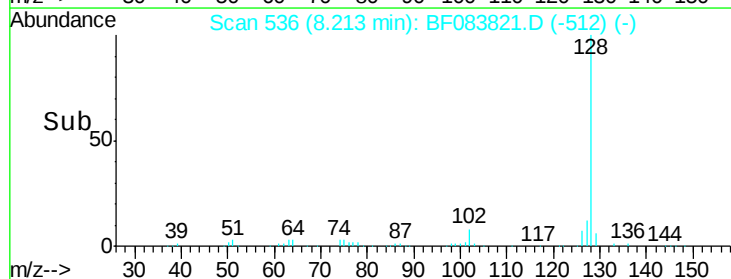
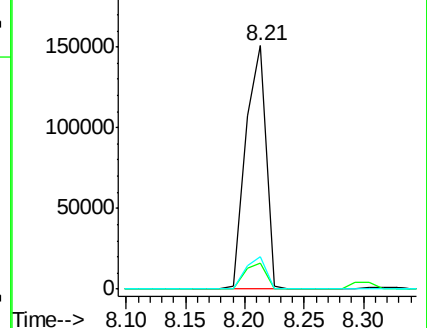
127 13.1 10.6 16.0

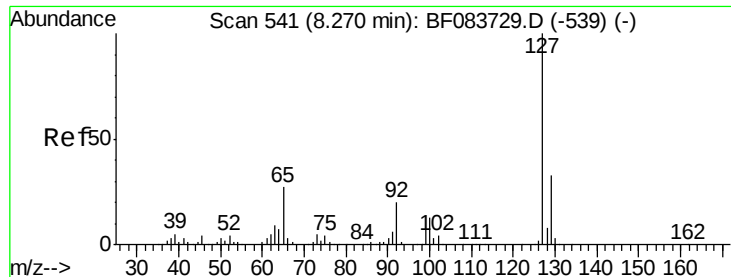


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

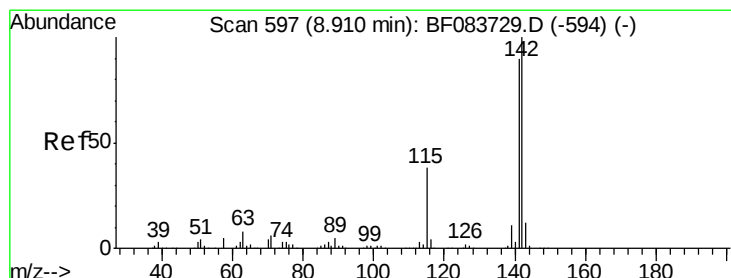
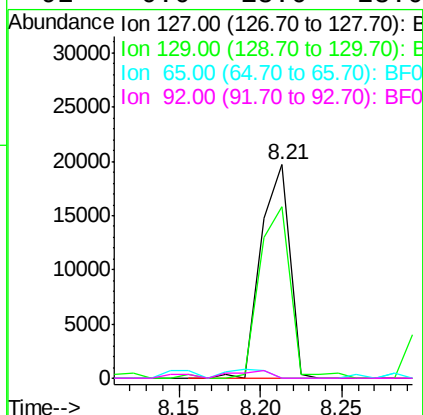
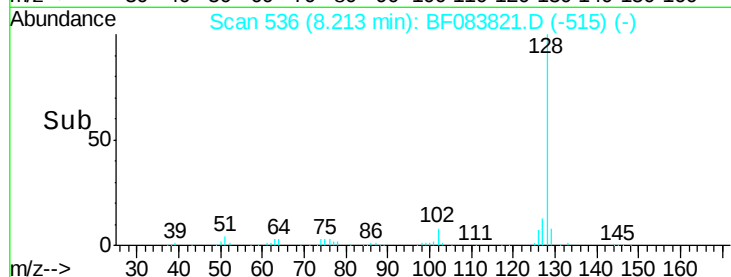
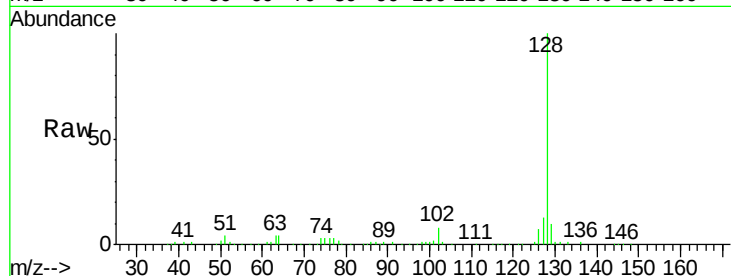




#33
4-Chloroaniline
Concen: 2.97 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.06 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

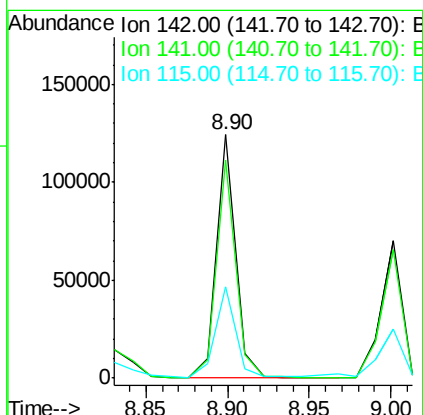
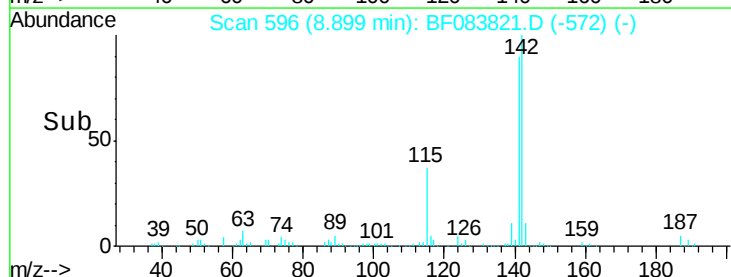
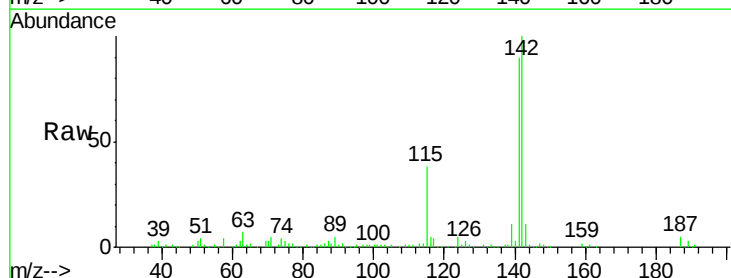
Instrument :
BNA_F
ClientSampleId :
K1206-0-2

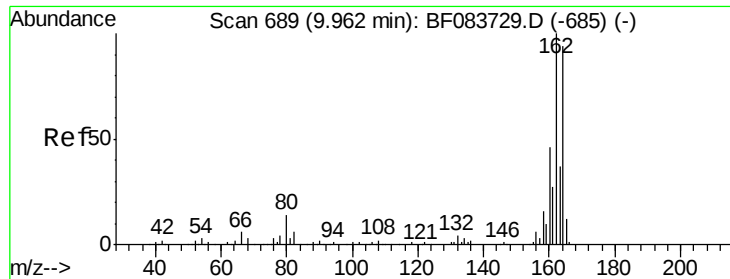
Tgt Ion:	127	Resp:	24049
Ion	Ratio	Lower	Upper
127	100		
129	80.2	26.1	39.1#
65	0.0	33.5	50.3#
92	0.0	18.6	28.0#



#37
2-Methylnaphthalene
Concen: 8.12 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:	142	Resp:	101211
Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	37.6	29.2	43.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

K1206-0-2

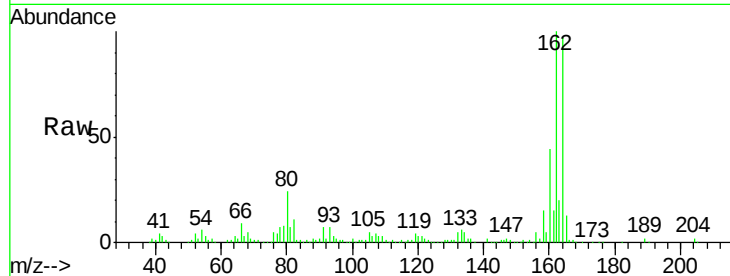
Tgt Ion:164 Resp: 146386

Ion Ratio Lower Upper

164 100

162 103.3 78.8 118.2

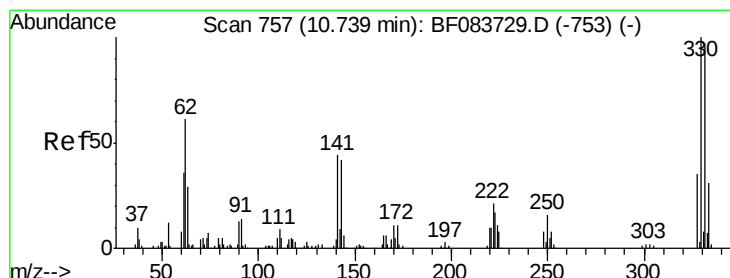
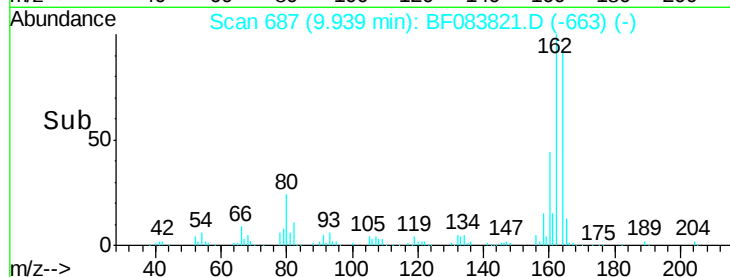
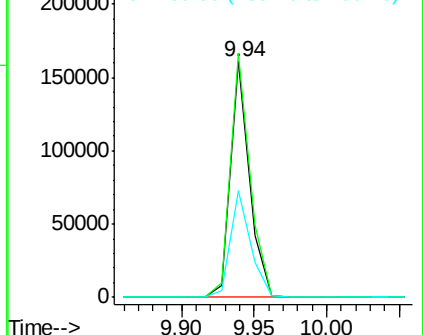
160 45.4 33.4 50.2



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: 95.73 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

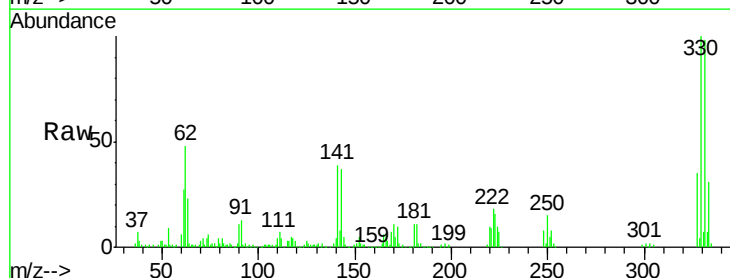
Tgt Ion:330 Resp: 142792

Ion Ratio Lower Upper

330 100

332 97.9 0.0 0.0#

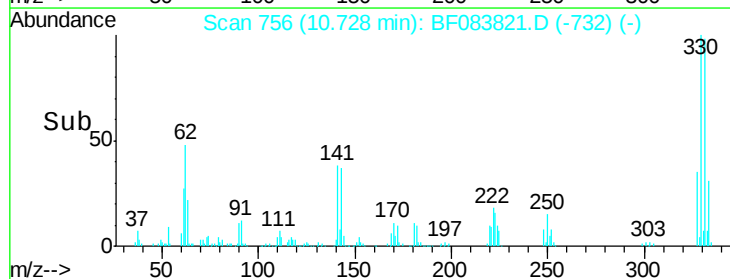
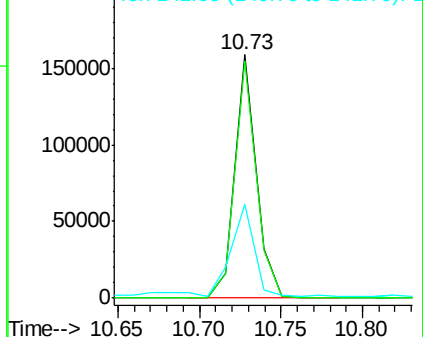
141 43.6 0.0 0.0#

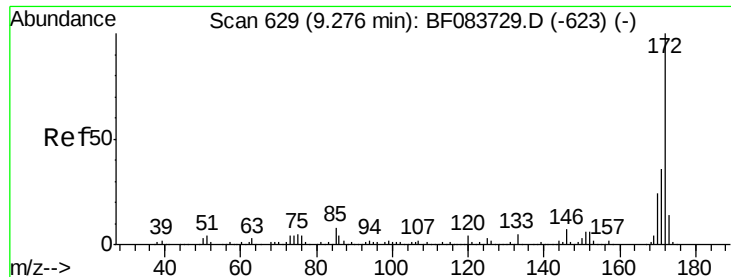


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

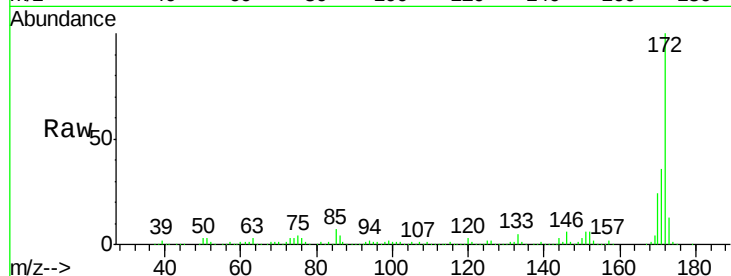




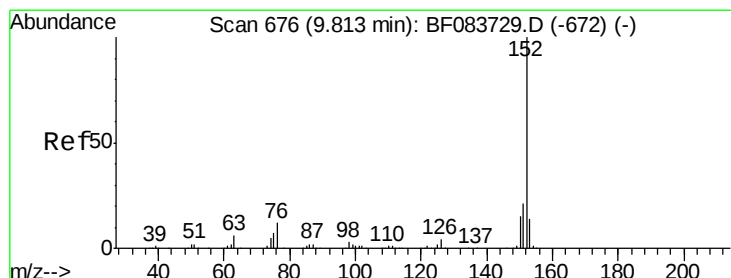
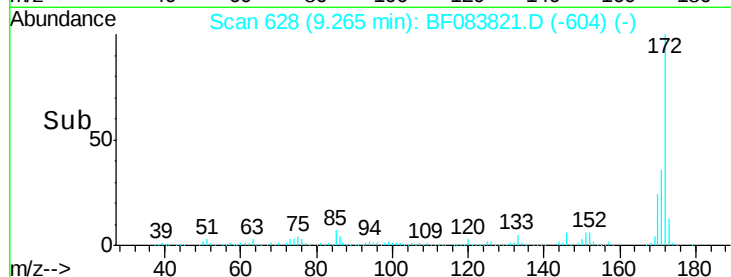
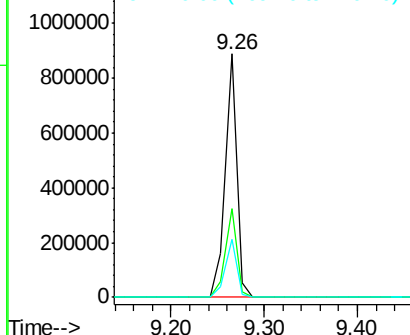
#44
2-Fluorobiphenyl
Concen: 73.53 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:172 Resp: 764962
Ion Ratio Lower Upper
172 100
171 36.5 28.6 42.8
170 24.0 19.4 29.0

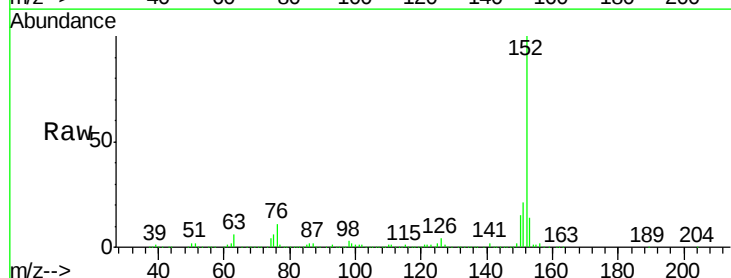


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

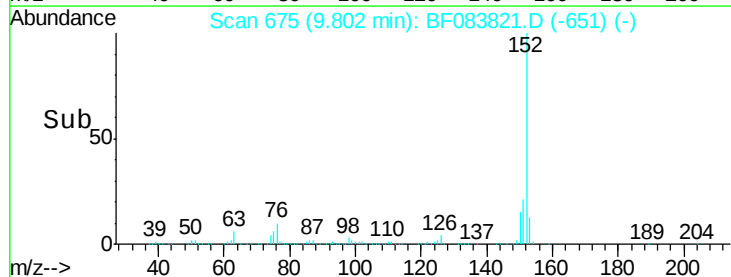
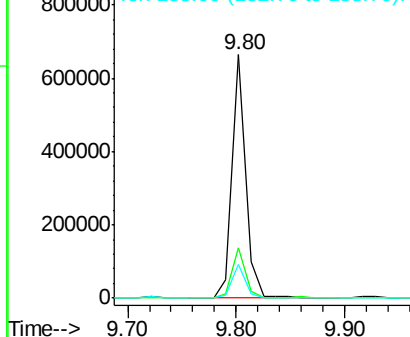


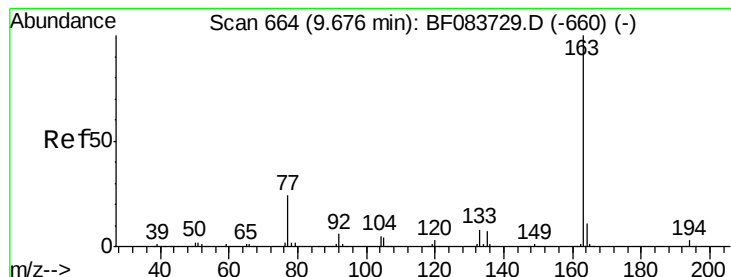
#48
Acenaphthylene
Concen: 35.08 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:152 Resp: 565179
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.0 10.8 16.2



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: 11.48 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.03 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

K1206-0-2

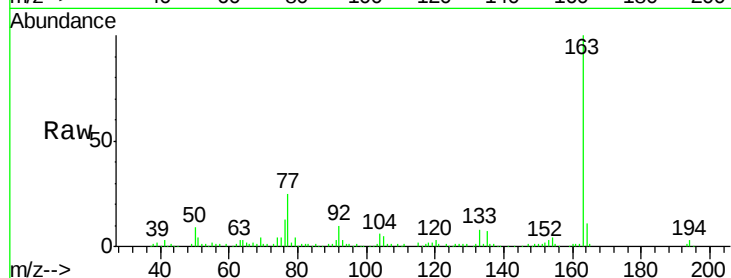
Tgt Ion:163 Resp: 131050

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

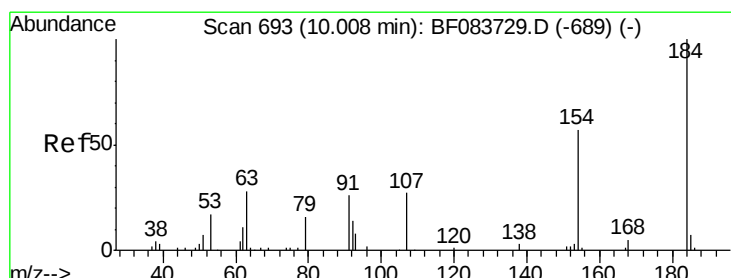
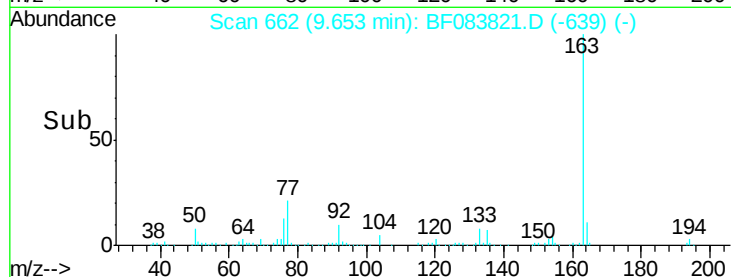
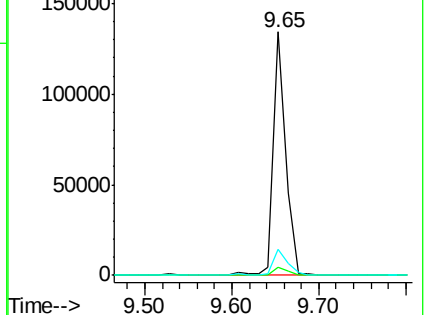
164 10.9 8.6 13.0



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



#53

2,4-Dinitrophenol

Concen: 2.60 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.22 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

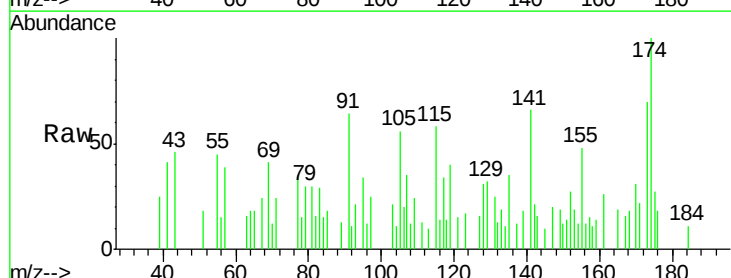
Tgt Ion:184 Resp: 210

Ion Ratio Lower Upper

184 100

63 150.0 62.4 93.6#

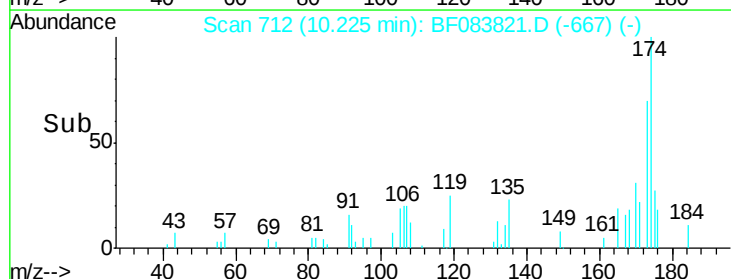
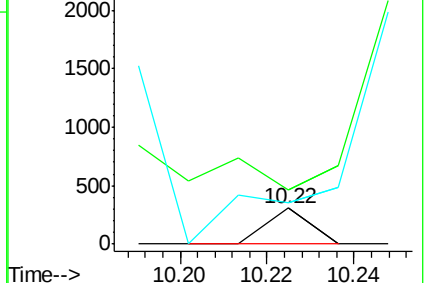
154 115.4 46.6 69.8#

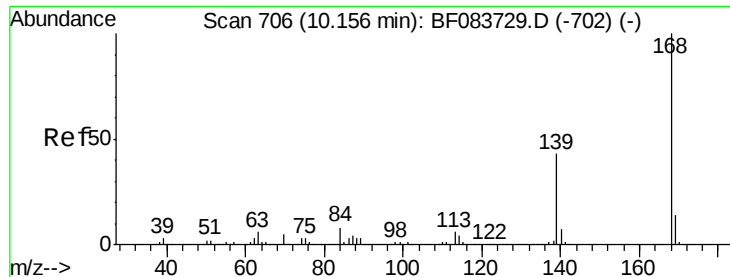


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

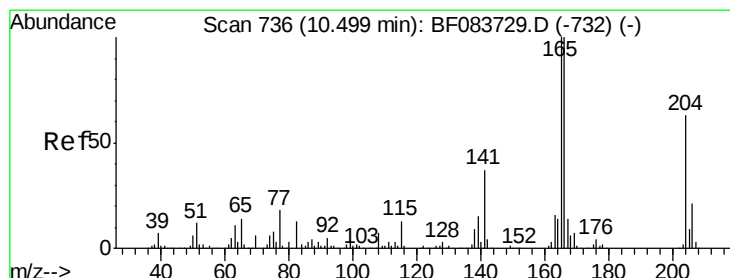
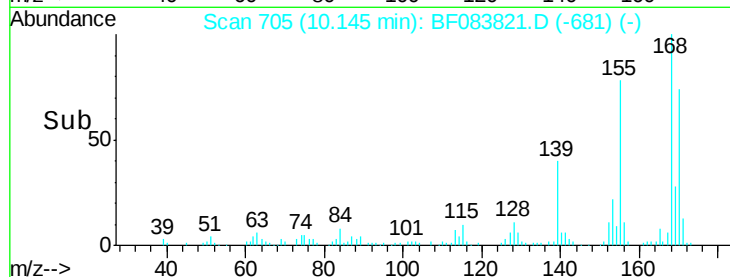
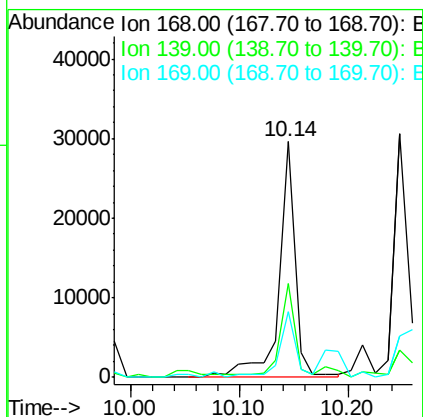
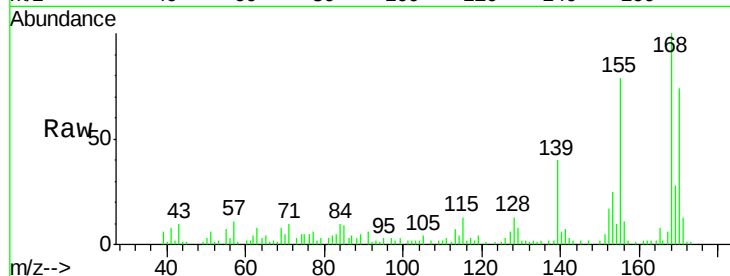




#54
Dibenzenofuran
Concen: 2.39 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

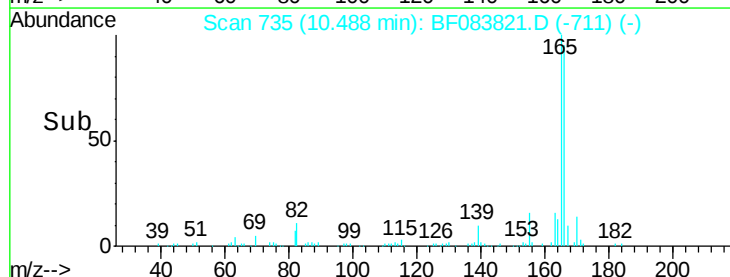
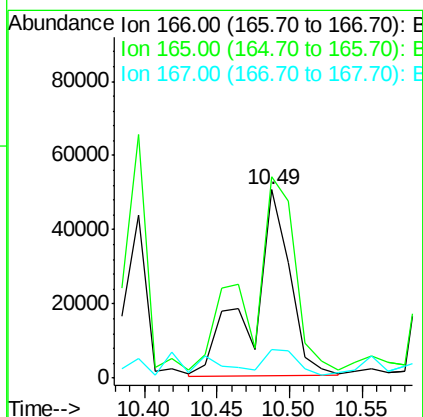
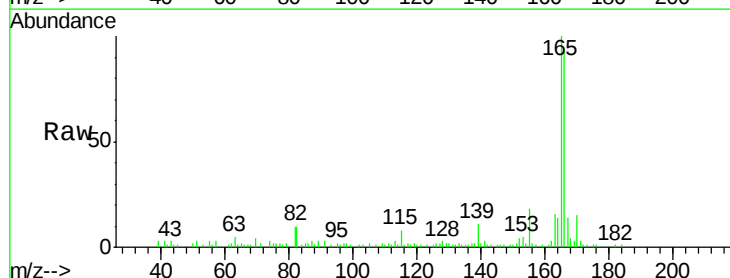
Instrument :
BNA_F
ClientSampleId :
K1206-0-2

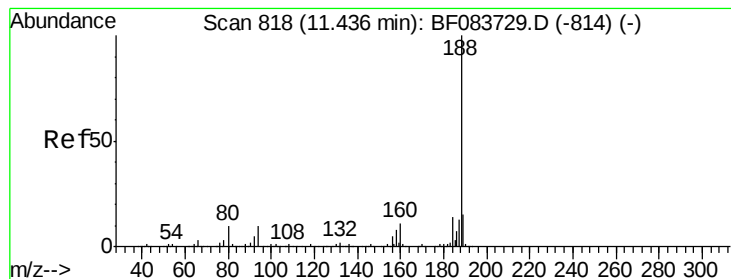
Tgt Ion:168 Resp: 30800
Ion Ratio Lower Upper
168 100
139 39.7 28.0 42.0
169 28.0 10.8 16.2#



#57
Fluorene
Concen: 8.92 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:166 Resp: 90643
Ion Ratio Lower Upper
166 100
165 107.1 80.0 120.0
167 15.0 10.6 16.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

K1206-0-2

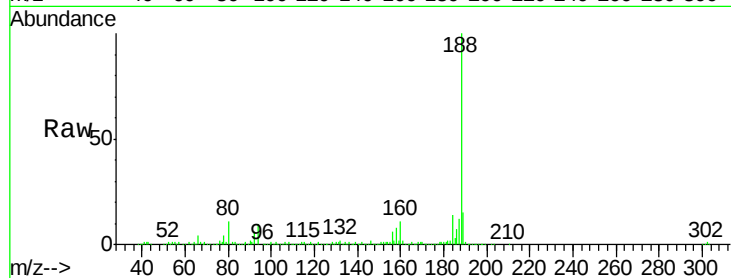
Tgt Ion:188 Resp: 226380

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

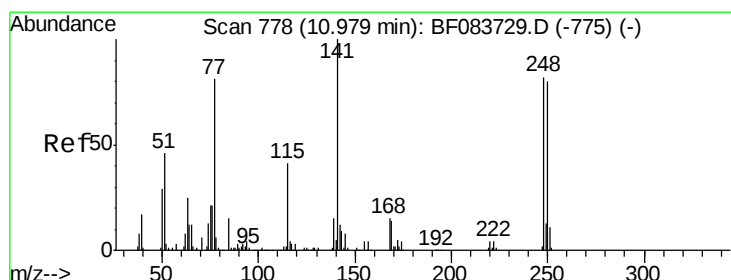
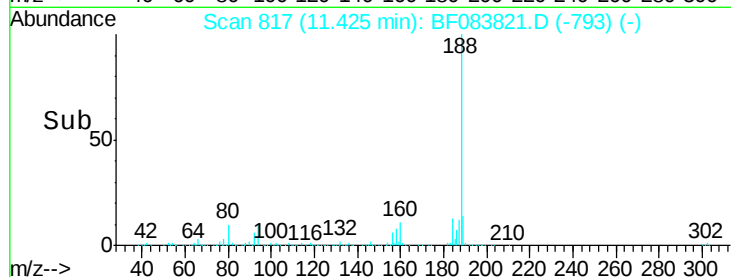
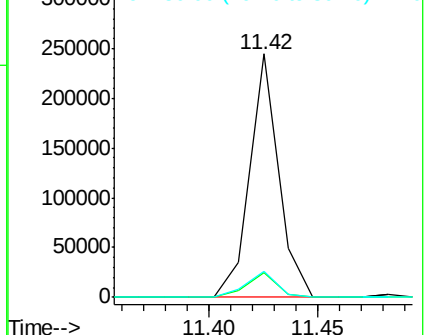
80 10.5 10.6 16.0#



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



#66

4-Bromophenyl-phenylether

Concen: 4.02 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.26 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

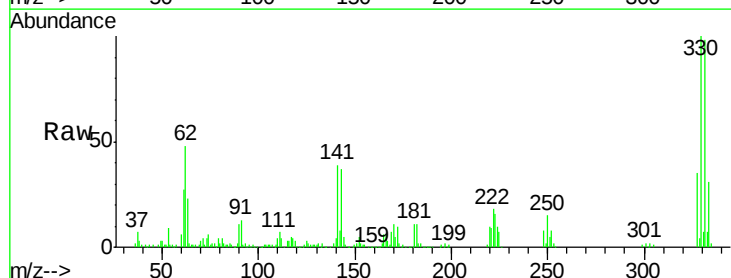
Tgt Ion:248 Resp: 10167

Ion Ratio Lower Upper

248 100

250 194.8 79.2 118.8#

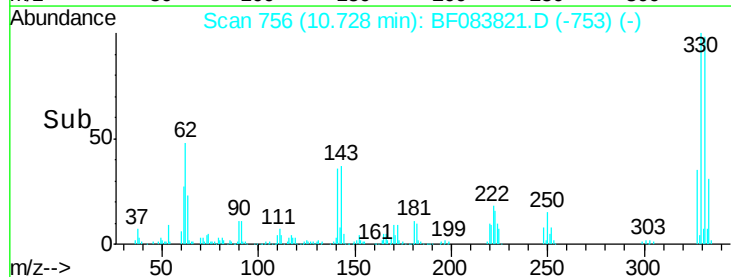
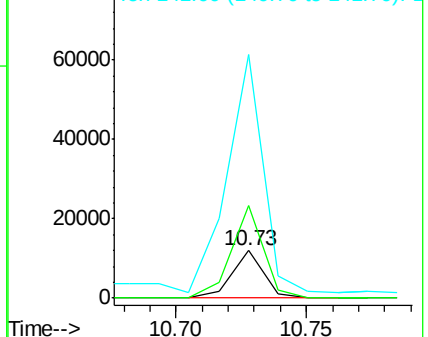
141 514.3 58.2 87.4#

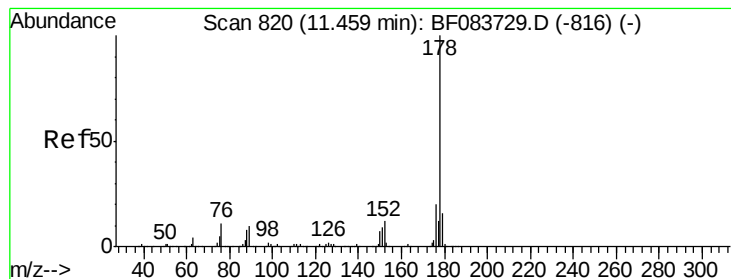


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 100.16 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

K1206-0-2

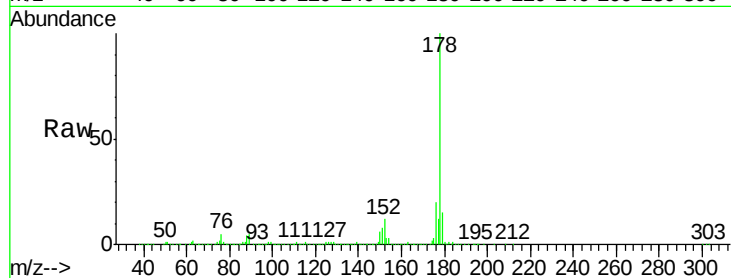
Tgt Ion:178 Resp: 1204576

Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

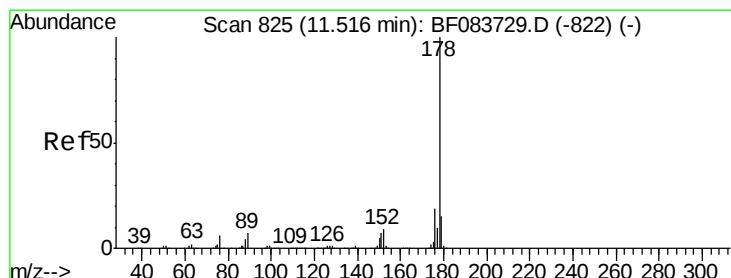
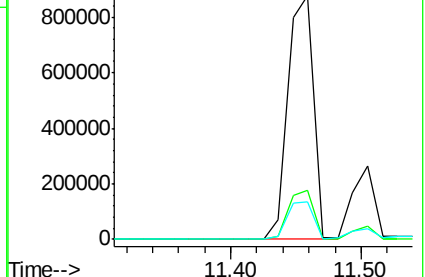
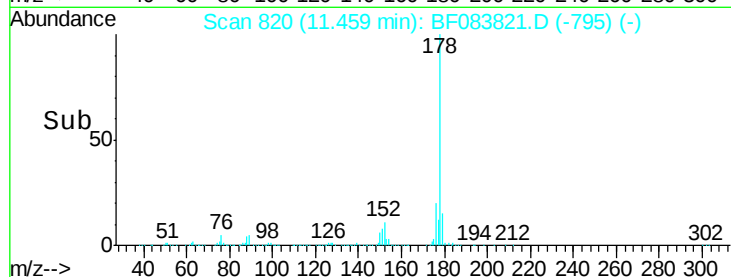
179 15.4 12.2 18.4



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: 25.69 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

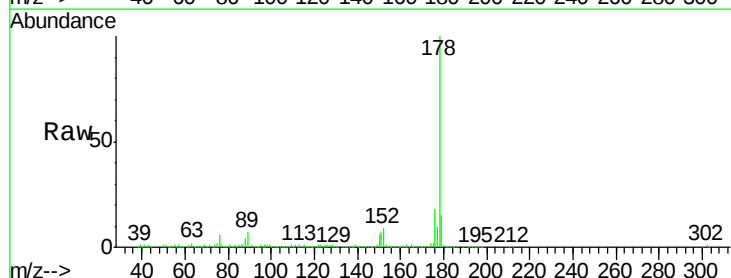
Tgt Ion:178 Resp: 320859

Ion Ratio Lower Upper

178 100

176 18.4 15.2 22.8

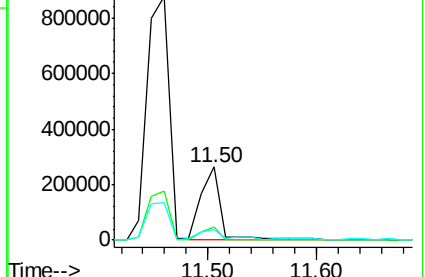
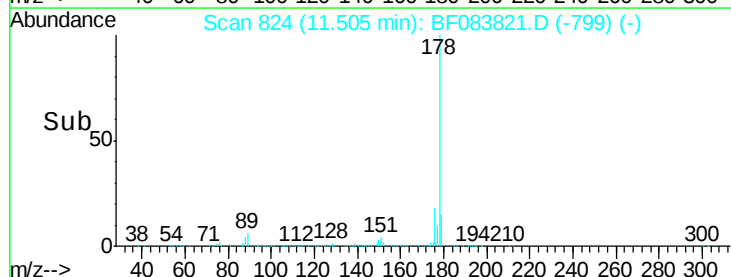
179 15.3 12.6 18.8

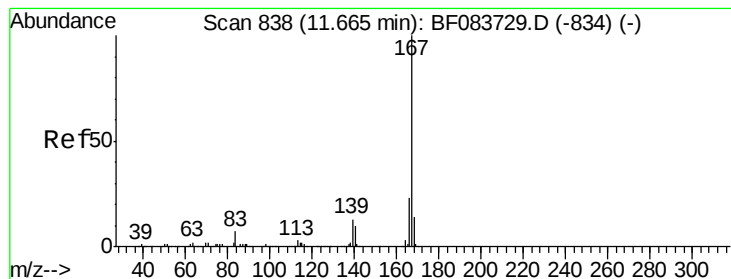


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.24 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

K1206-0-2

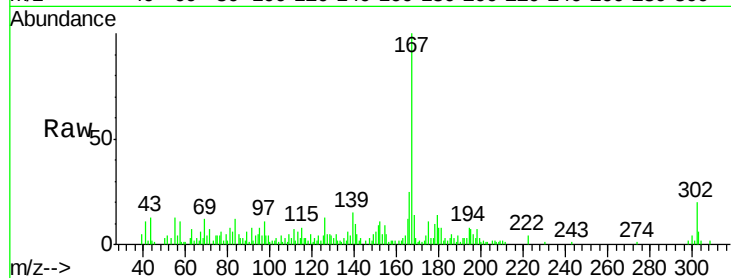
Tgt Ion:167 Resp: 26116

Ion Ratio Lower Upper

167 100

166 24.6 17.2 25.8

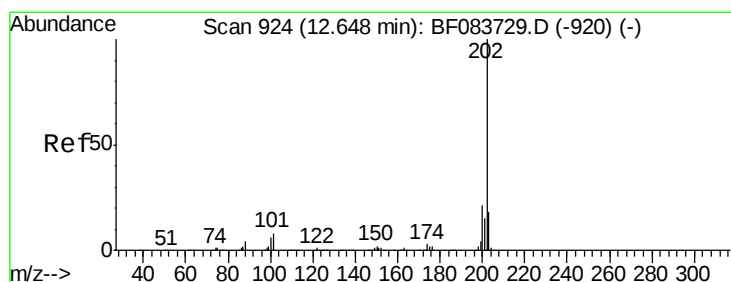
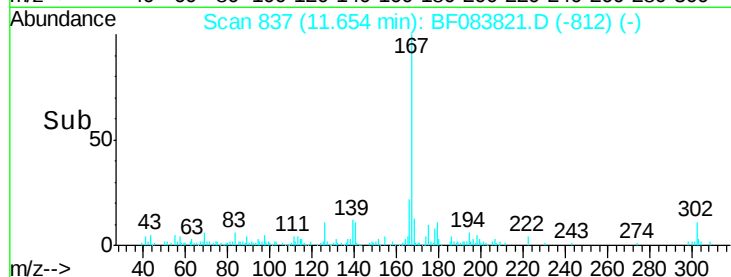
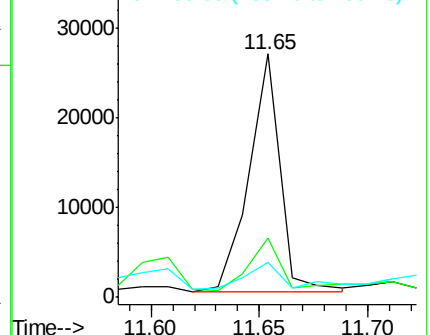
139 14.5 9.3 13.9#



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: 118.26 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

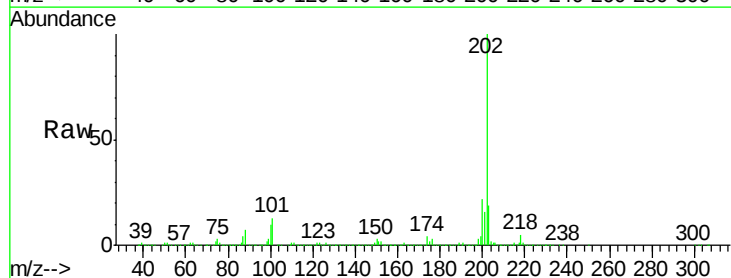
Tgt Ion:202 Resp: 1469491

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.5

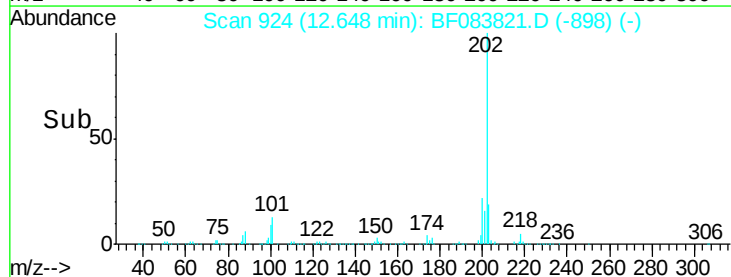
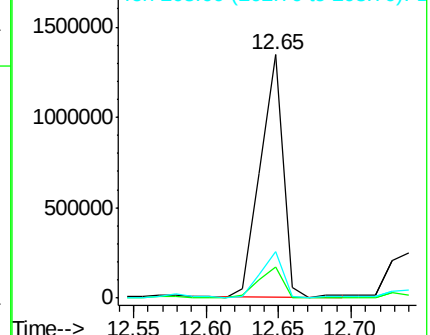
203 19.2 0.0 37.6

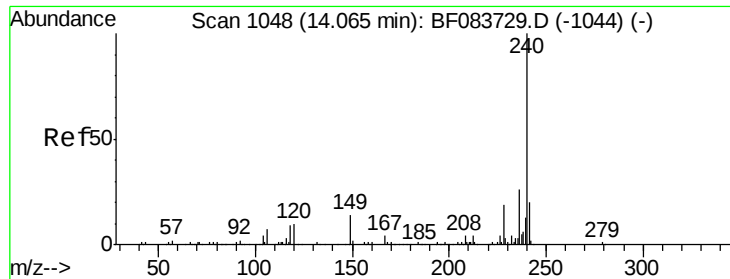


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

K1206-0-2

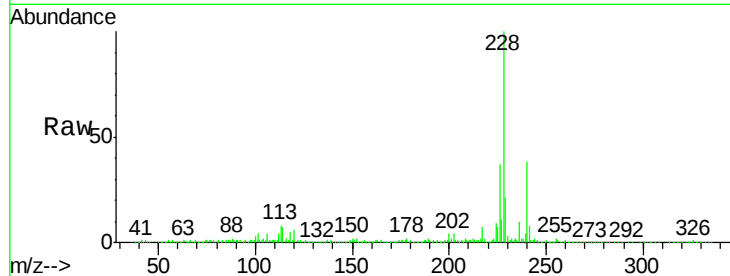
Tgt Ion:240 Resp: 180993

Ion Ratio Lower Upper

240 100

120 14.8 8.1 12.1#

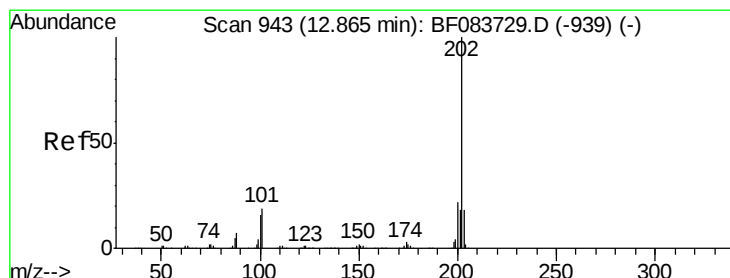
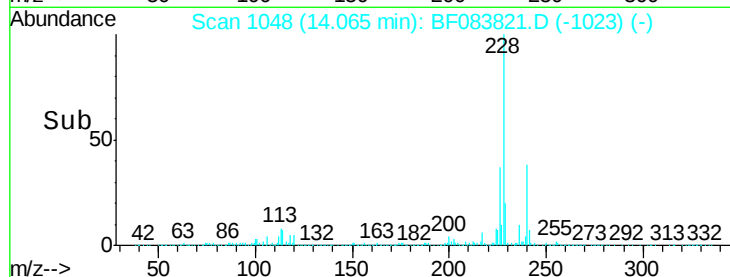
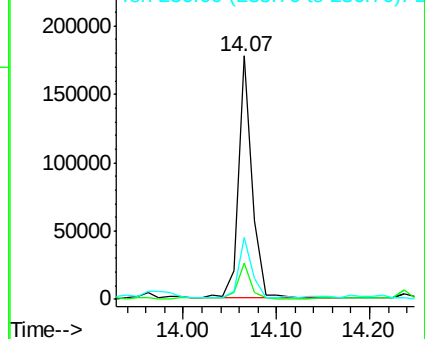
236 25.5 20.8 31.2



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: 169.17 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

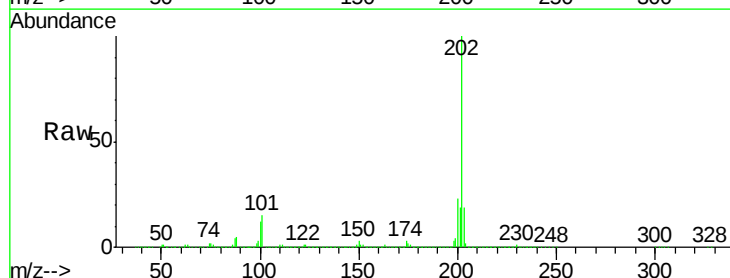
Tgt Ion:202 Resp: 2419988

Ion Ratio Lower Upper

202 100

200 22.8 16.7 25.1

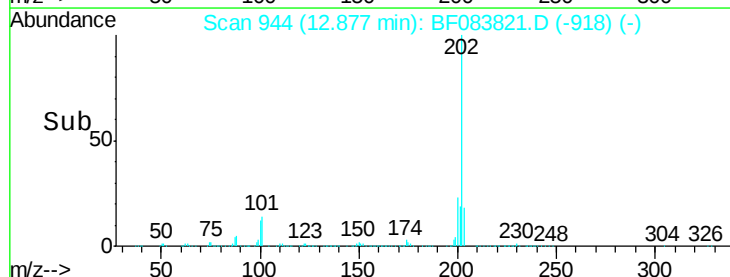
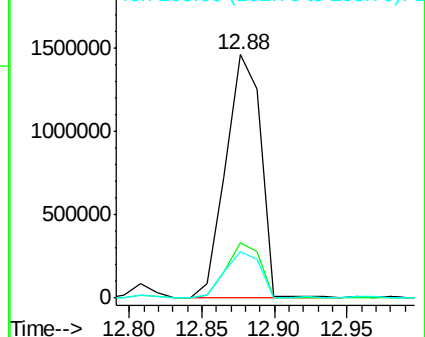
203 19.0 14.3 21.5

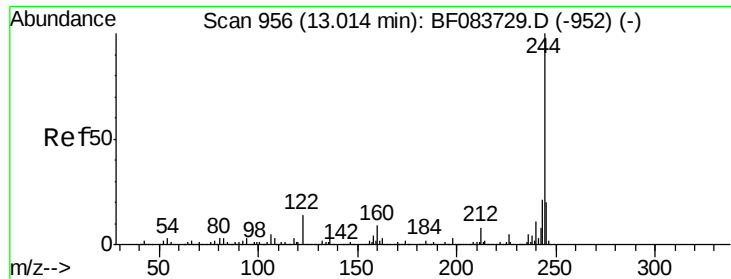


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

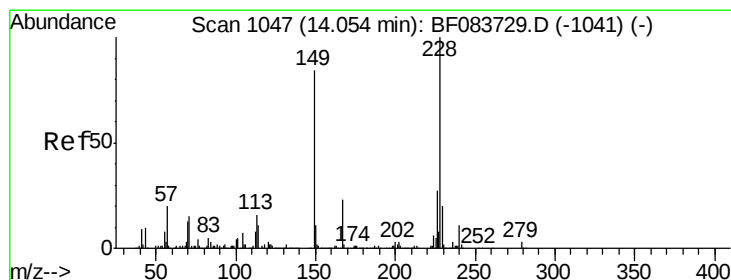
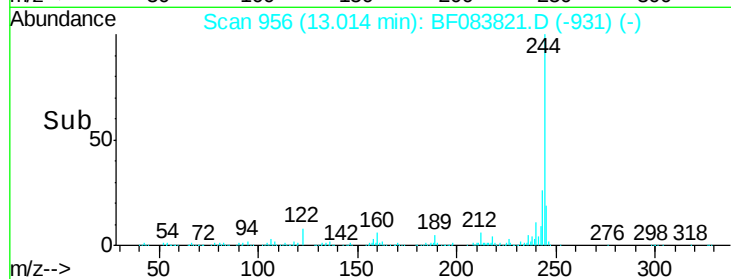
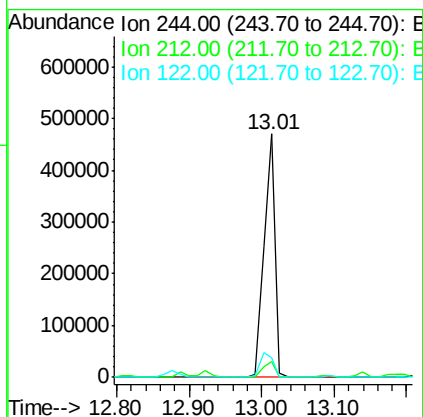
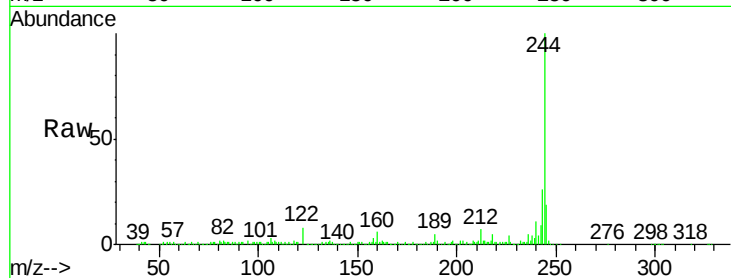




#78
 Terphenyl-d14
 Concen: 60.56 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083821.D
 Acq: 15 Dec 2015 16:31

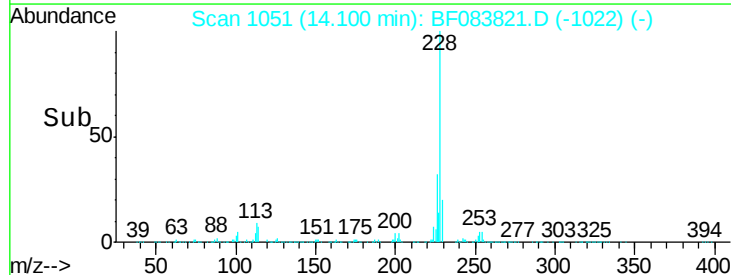
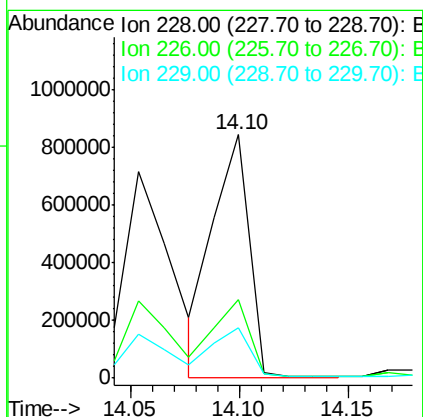
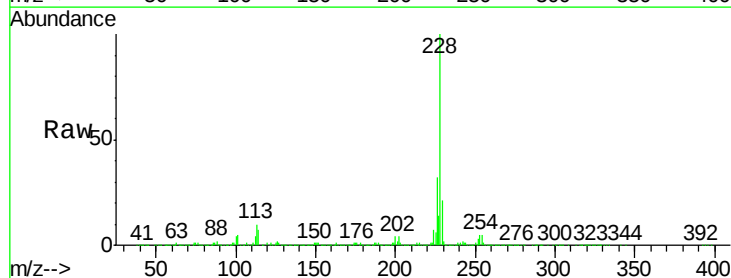
Instrument :
 BNA_F
 ClientSampleId :
 K1206-0-2

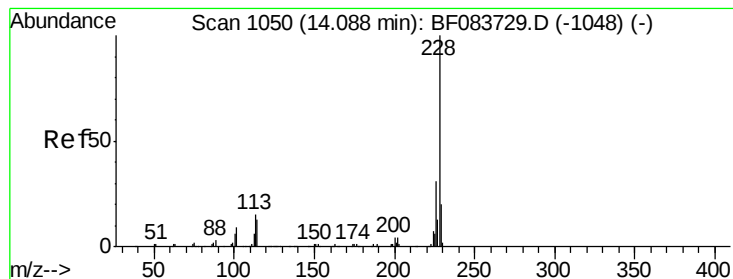
Tgt Ion:244 Resp: 509520
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 8.2 11.0 16.6#



#80
 Benzo(a)anthracene
 Concen: 94.56 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.03 min
 Lab File: BF083821.D
 Acq: 15 Dec 2015 16:31

Tgt Ion:228 Resp: 973161
 Ion Ratio Lower Upper
 228 100
 226 32.3 22.3 33.5
 229 20.8 15.7 23.5





#82

Chrysene

Concen: 96.95 ng

RT: 14.10 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

K1206-0-2

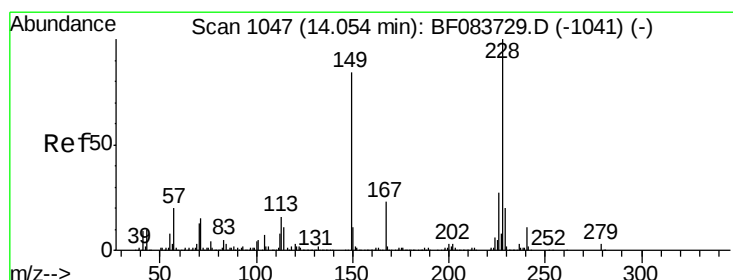
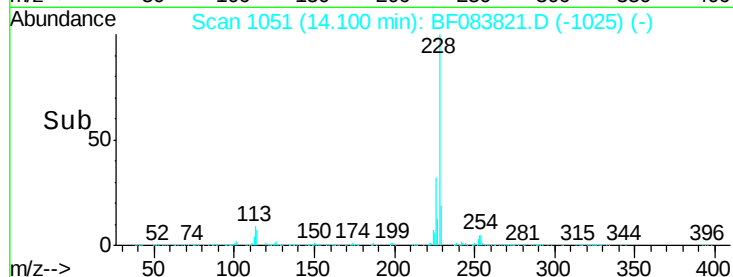
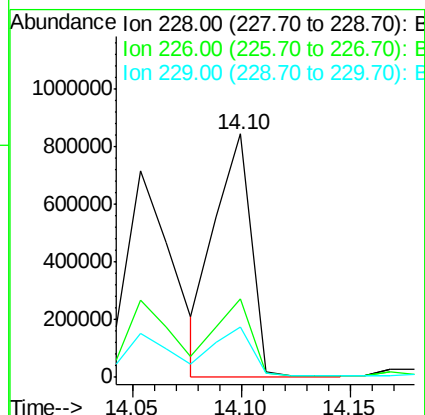
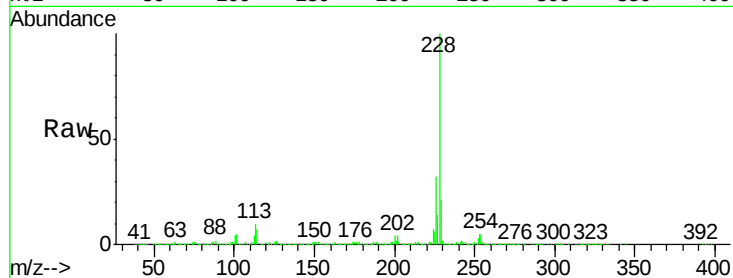
Tgt Ion:228 Resp: 973161

Ion Ratio Lower Upper

228 100

226 32.3 24.7 37.1

229 20.8 16.3 24.5



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.63 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

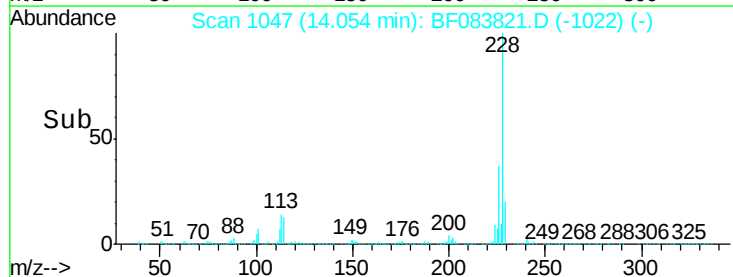
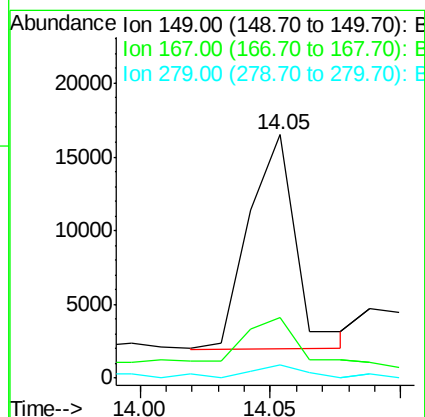
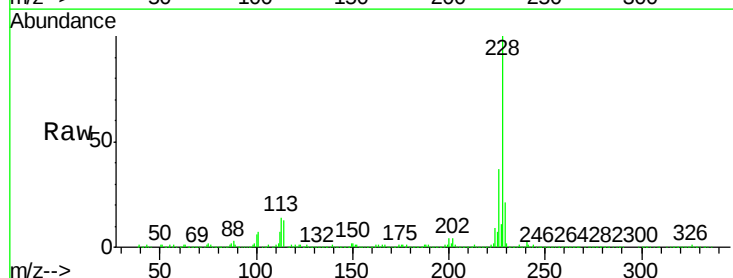
Tgt Ion:149 Resp: 18353

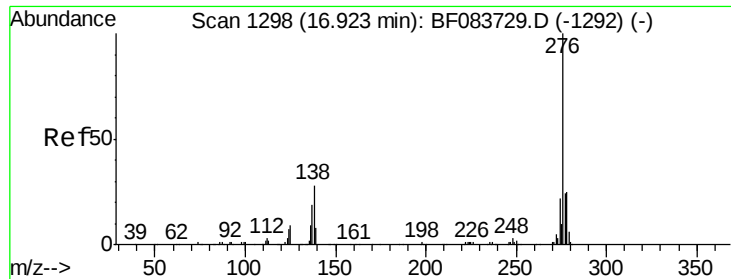
Ion Ratio Lower Upper

149 100

167 24.9 21.8 32.8

279 5.3 3.0 4.4#

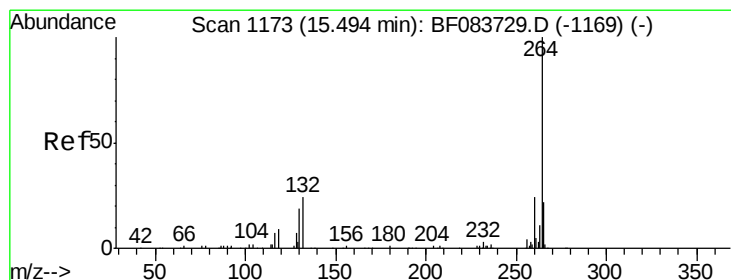
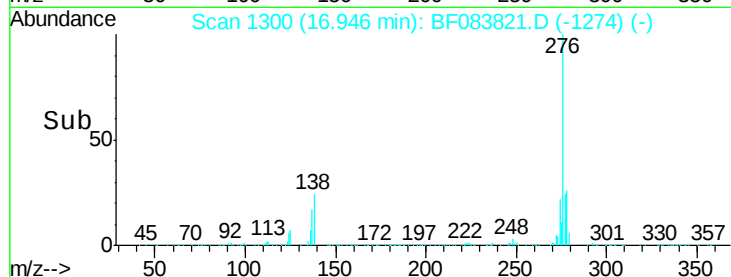
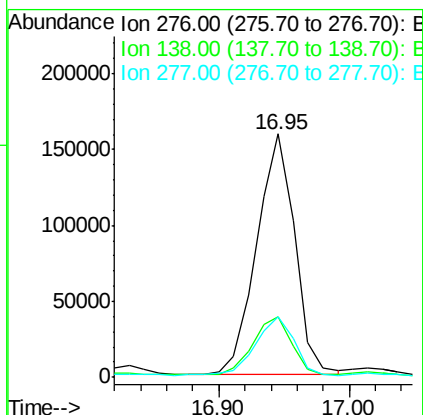
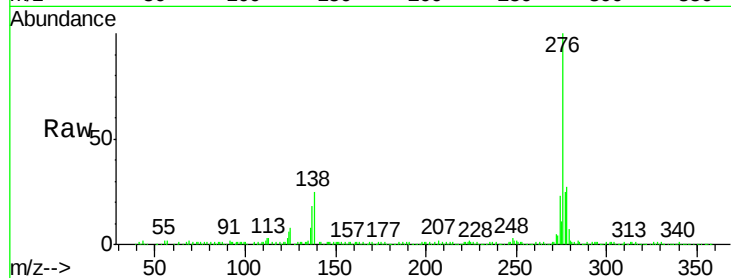




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.87 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF083821.D
 Acq: 15 Dec 2015 16:31

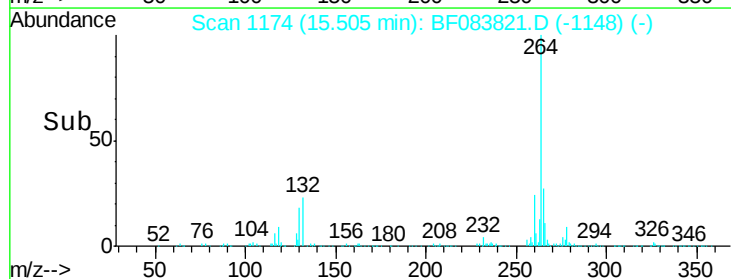
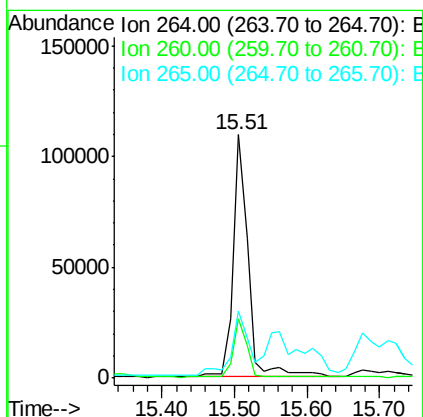
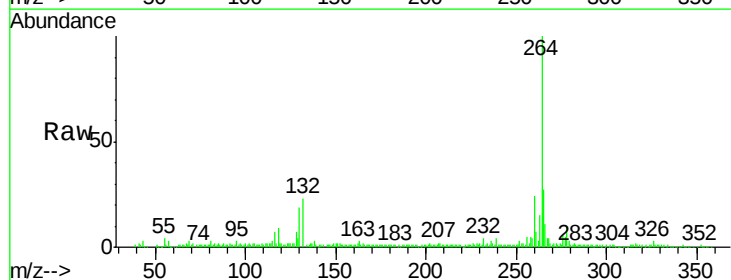
Instrument :
 BNA_F
 ClientSampleId :
 K1206-0-2

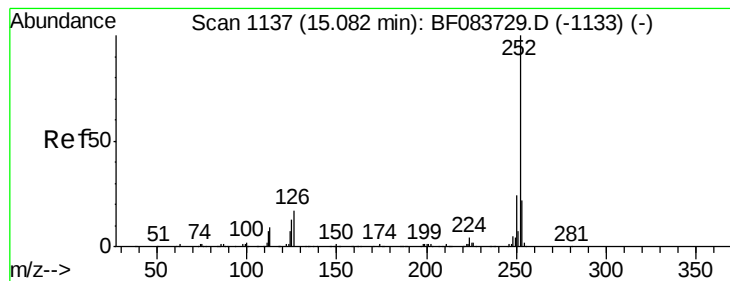
Tgt Ion: 276 Resp: 324106
 Ion Ratio Lower Upper
 276 100
 138 24.4 0.0 0.0#
 277 24.2 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083821.D
 Acq: 15 Dec 2015 16:31

Tgt Ion: 264 Resp: 157114
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 27.4 17.8 26.6#





#87

Benzo(b)fluoranthene

Concen: 109.43 ng

RT: 15.11 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

K1206-0-2

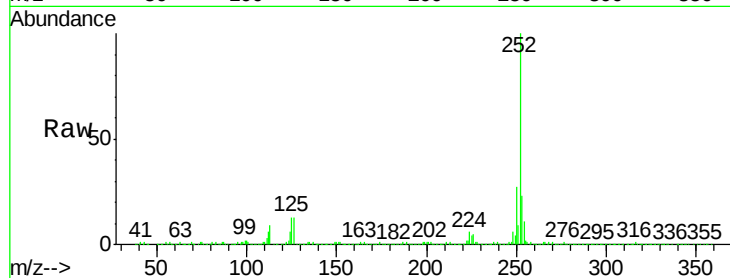
Tgt Ion:252 Resp: 1096866

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

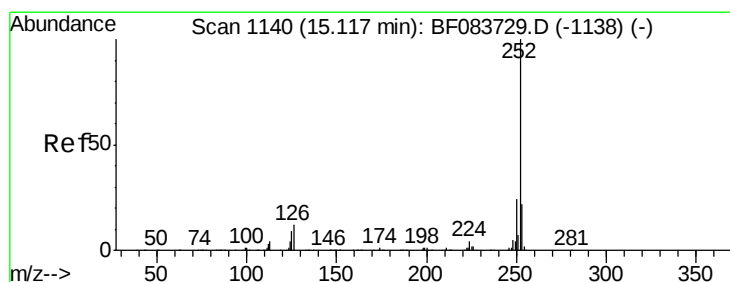
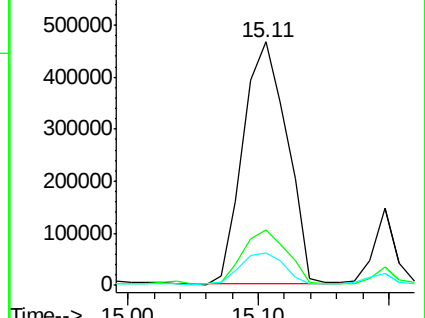
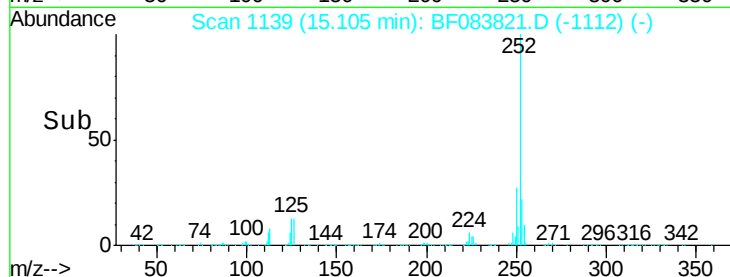
125 13.5 8.2 12.4#



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: 120.77 ng

RT: 15.11 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

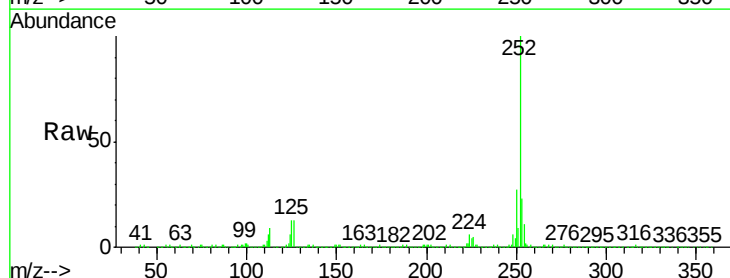
Tgt Ion:252 Resp: 1096866

Ion Ratio Lower Upper

252 100

253 22.7 18.6 27.8

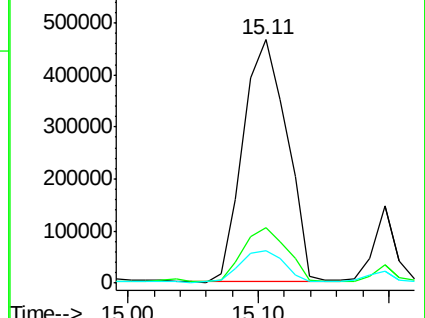
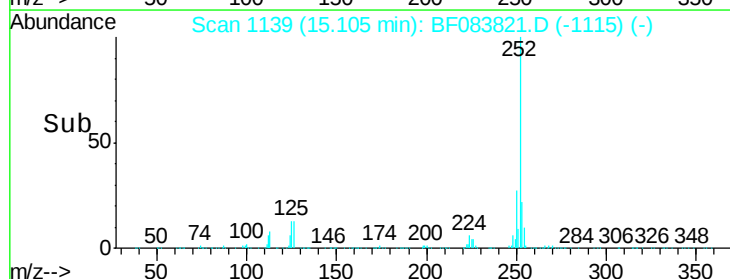
125 13.5 11.5 17.3

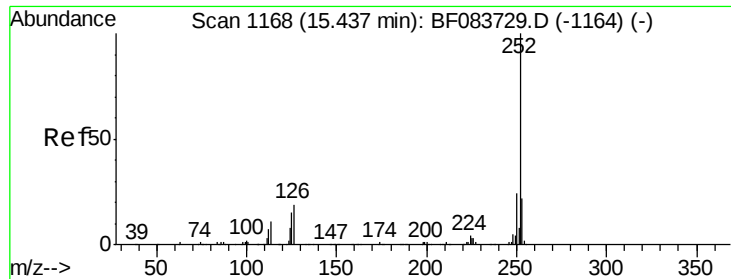


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.58 ng

RT: 15.45 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

K1206-0-2

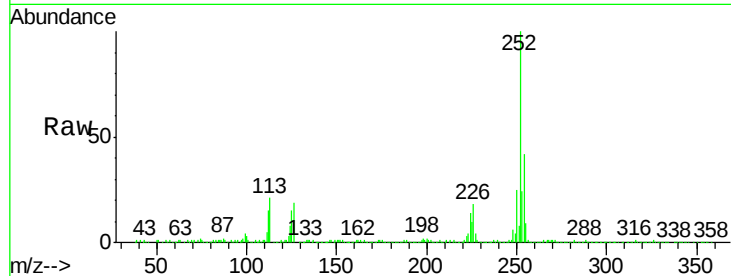
Tgt Ion:252 Resp: 380894

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

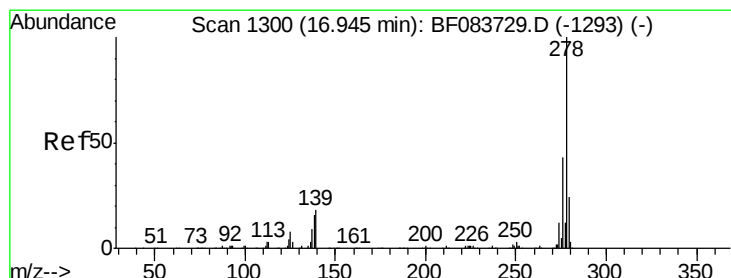
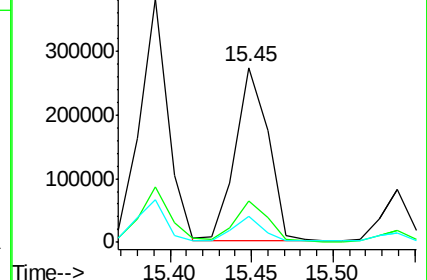
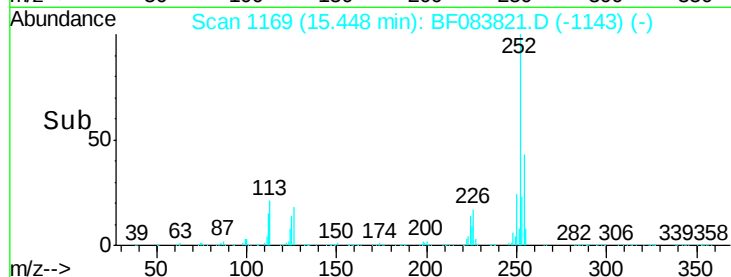
125 14.8 11.0 16.6



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



#90

Dibenzo(a,h)anthracene

Concen: 8.48 ng

RT: 17.12 min Scan# 1315

Delta R.T. 0.16 min

Lab File: BF083821.D

Acq: 15 Dec 2015 16:31

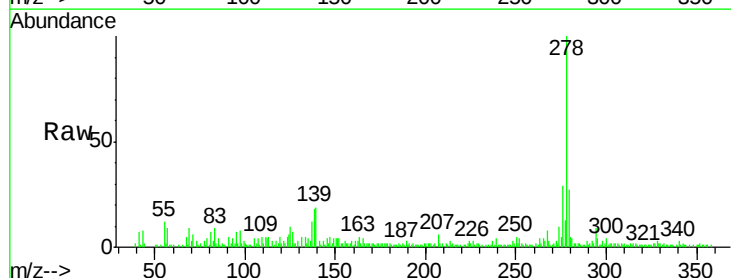
Tgt Ion:278 Resp: 75428

Ion Ratio Lower Upper

278 100

139 18.8 12.8 19.2

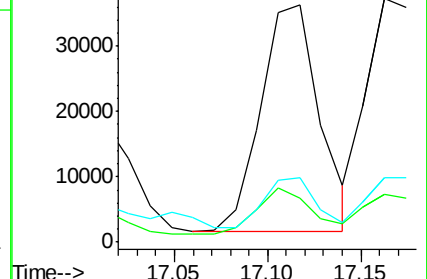
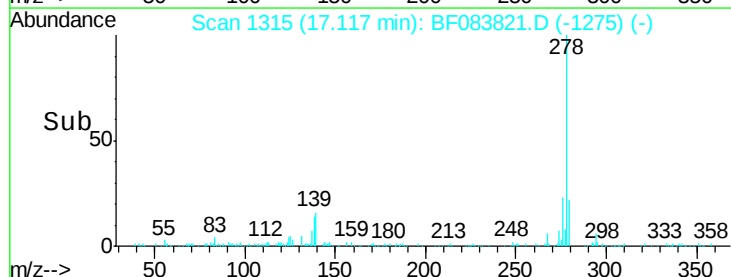
279 27.0 18.6 28.0

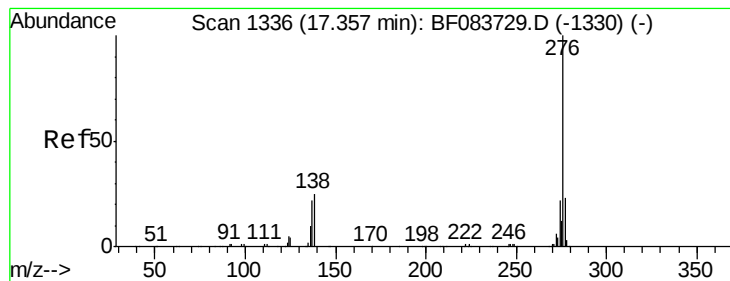


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.16 ng

RT: 17.38 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF083821.D

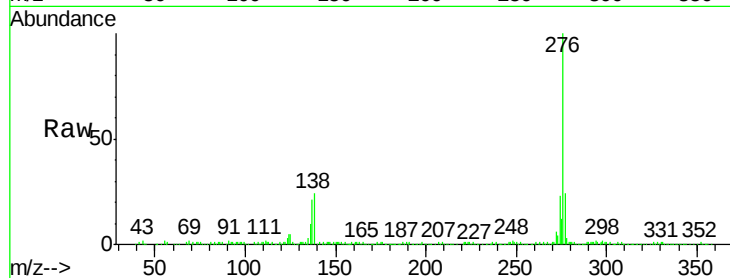
Acq: 15 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

K1206-0-2



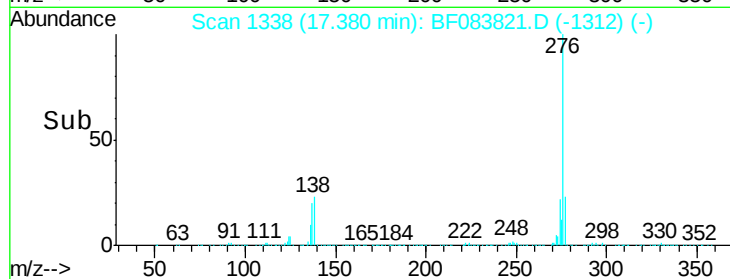
Tgt Ion: 276 Resp: 321423

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 24.3 19.5 29.3



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

