

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083544.D
 Acq On : 7 Dec 2015 5:49
 Operator : UM/IZ
 Sample : G4594-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 K204-0-2

Quant Time: Dec 07 06:54:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	165583	20.00	ng	-0.03
21) Naphthalene-d8	7.63	136	619332	20.00	ng	-0.05
38) Acenaphthene-d10	10.43	164	282516	20.00	ng	-0.03
63) Phenanthrene-d10	12.82	188	449037	20.00	ng	-0.03
75) Chrysene-d12	17.04	240	313954	20.00	ng	-0.01
86) Perylene-d12	18.66	264	307777	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.01	112	1169104	107.12	ng	-0.02
7) Phenol-d6	5.30	99	1600458	106.43	ng	-0.02
23) Nitrobenzene-d5	6.56	82	1061615	80.13	ng	-0.05
41) 2,4,6-Tribromophenol	11.72	330	270314	103.72	ng	-0.03
44) 2-Fluorobiphenyl	9.38	172	1368550	65.70	ng	-0.05
78) Terphenyl-d14	15.46	244	884316	62.68	ng	-0.02

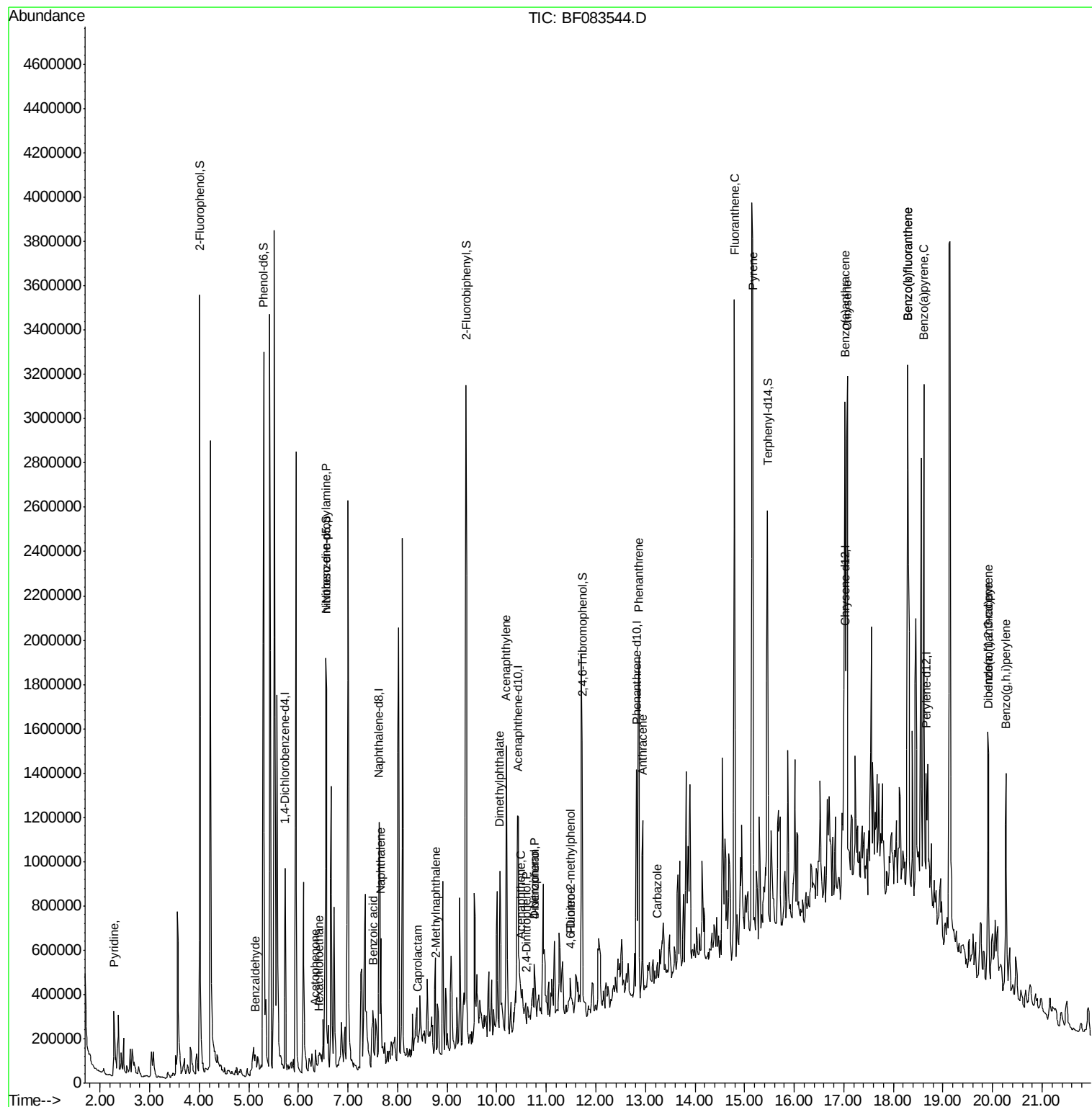
Target Compounds						Qvalue
3) Pyridine	2.28	79	147381	10.79	ng	# 32
9) Benzaldehyde	5.14	77	21420	2.48	ng	# 1
18) Hexachloroethane	6.41	117	23463	4.89	ng	# 12
19) n-Nitroso-di-n-propylamine	6.56	70	146561	14.61	ng	# 79
22) Acetophenone	6.34	105	56644	3.17	ng	# 95
31) Naphthalene	7.66	128	305822	9.28	ng	98
32) Benzoic acid	7.50	122	2626	3.10	ng	# 1
35) Caprolactam	8.41	113	6298	2.16	ng	# 35
37) 2-Methylnaphthalene	8.77	142	103302	5.07	ng	95
48) Acenaphthylene	10.19	152	799216	25.80	ng	99
49) Dimethylphthalate	10.06	163	343613	15.45	ng	99
51) Acenaphthene	10.48	154	35811	2.01	ng	97
53) 2,4-Dinitrophenol	10.59	184	269	7.68	ng	# 1
54) Dibenzofuran	10.76	168	77786	3.15	ng	97
55) 4-Nitrophenol	10.76	139	23930	8.42	ng	# 34
57) Fluorene	11.48	166	73590	3.43	ng	90
64) 4,6-Dinitro-2-methylphenol	11.49	198	579	3.66	ng	# 1
70) Phenanthrene	12.87	178	1002355	38.35	ng	99
71) Anthracene	12.95	178	452188	16.96	ng	99
72) Carbazole	13.24	167	64050	2.80	ng	# 96
74) Fluoranthene	14.80	202	1855414	71.63	ng	97
77) Pyrene	15.16	202	2317407	98.67	ng	98
80) Benzo(a)anthracene	17.03	228	1310406	71.34	ng	93
82) Chrysene	17.07	228	1362152	74.44	ng	98
85) Indeno(1,2,3-cd)pyrene	19.91	276	776875	49.53	ng	# 100
87) Benzo(b)fluoranthene	18.29	252	1953898	113.04	ng	98
88) Benzo(k)fluoranthene	18.29	252	1953898	110.35	ng	98
89) Benzo(a)pyrene	18.61	252	1110965	66.08	ng	96
90) Dibenzo(a,h)anthracene	19.92	278	219099	13.54	ng	95
91) Benzo(g,h,i)perylene	20.27	276	779046	47.79	ng	98

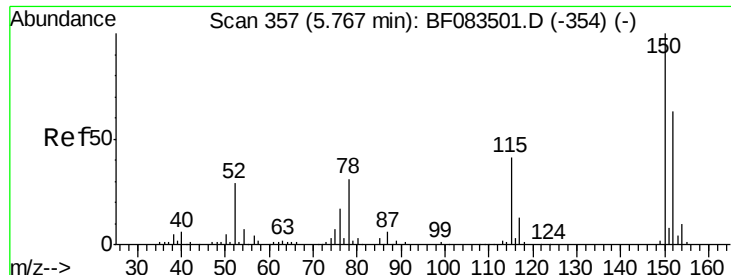
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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Quant Time: Dec 07 06:54:11 2015
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QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.73 min Scan# 354

Delta R.T. -0.03 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2

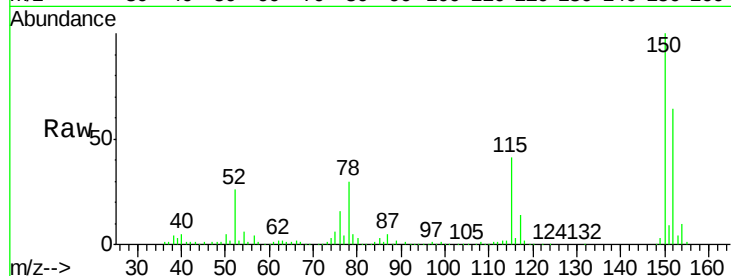
Tgt Ion:152 Resp: 165583

Ion Ratio Lower Upper

152 100

150 156.4 126.5 189.7

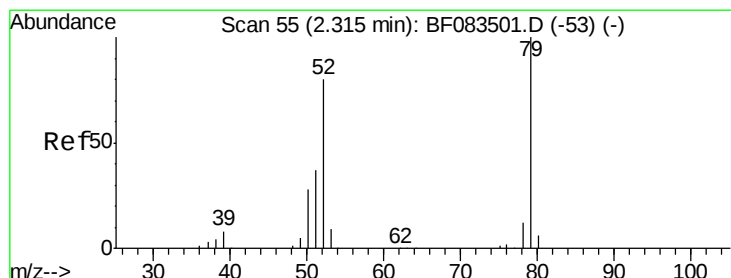
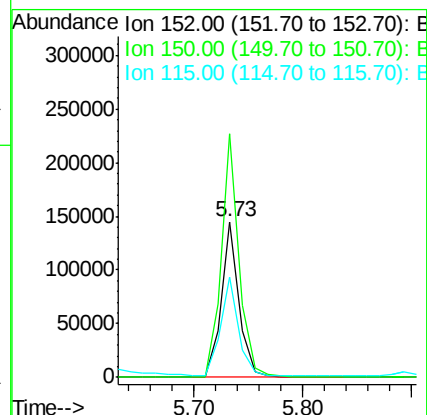
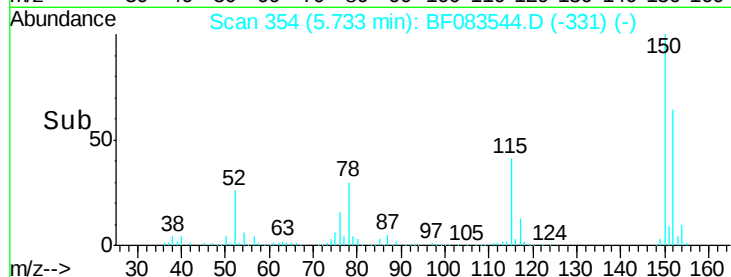
115 64.8 52.3 78.5



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



#3

Pyridine

Concen: 10.79 ng

RT: 2.28 min Scan# 52

Delta R.T. -0.03 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

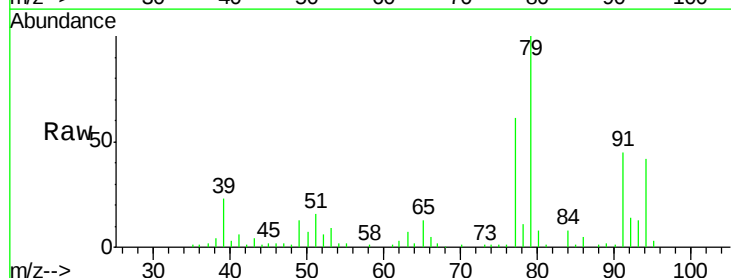
Tgt Ion: 79 Resp: 147381

Ion Ratio Lower Upper

79 100

52 6.0 63.7 95.5#

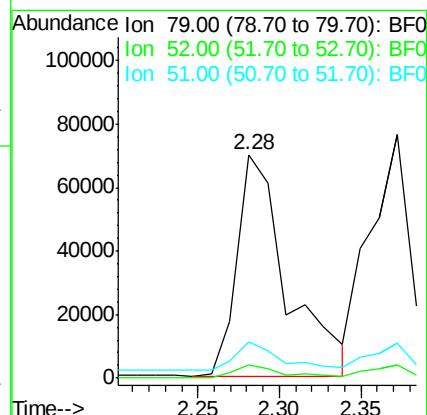
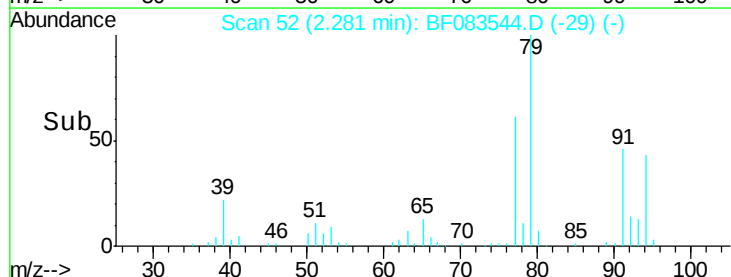
51 16.1 30.6 45.8#

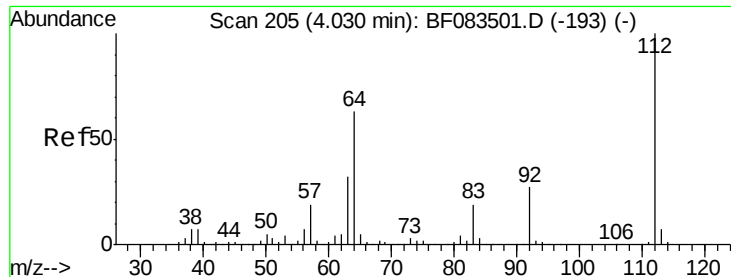


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#5

2-Fluorophenol

Concen: 107.12 ng

RT: 4.01 min Scan# 203

Delta R.T. -0.02 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2

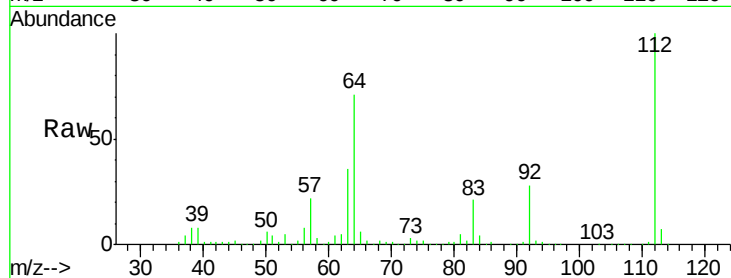
Tgt Ion: 112 Resp: 1169104

Ion Ratio Lower Upper

112 100

64 71.2 50.5 75.7

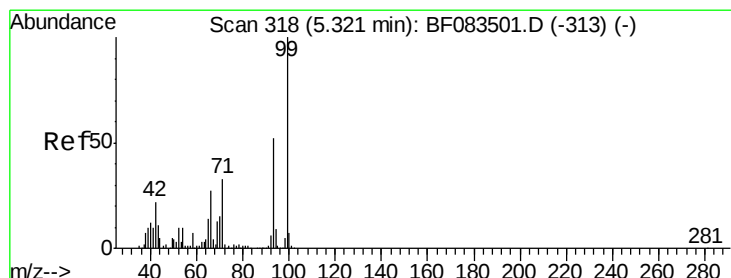
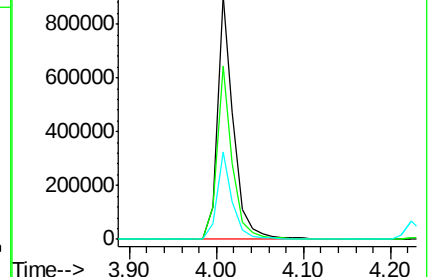
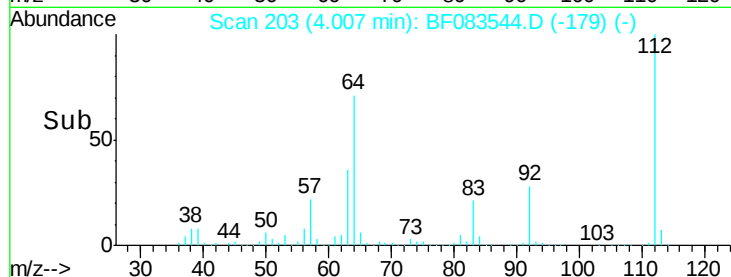
63 35.8 25.8 38.6



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



#7

Phenol-d6

Concen: 106.43 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.02 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

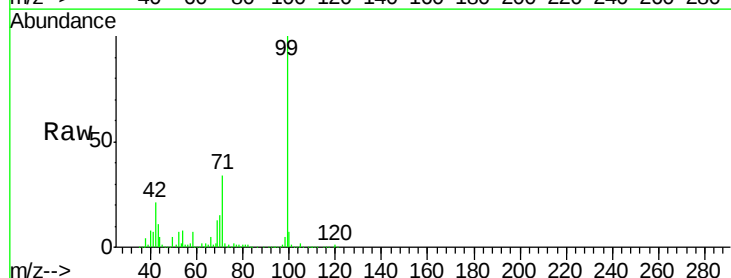
Tgt Ion: 99 Resp: 1600458

Ion Ratio Lower Upper

99 100

42 21.0 17.3 25.9

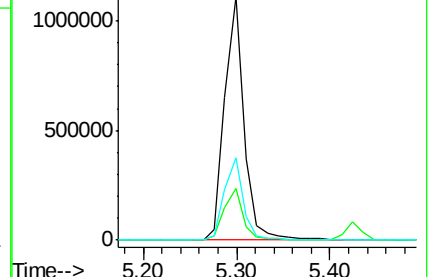
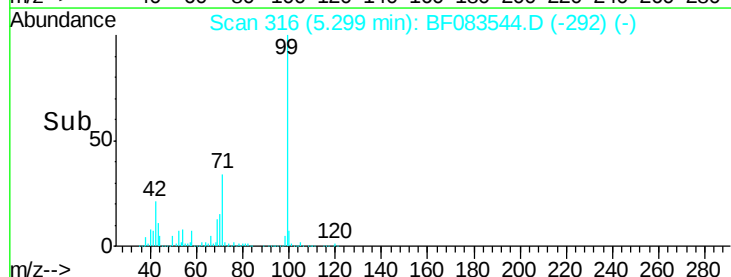
71 34.0 26.6 40.0

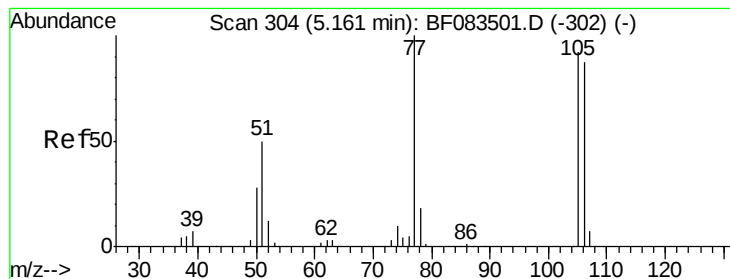


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 2.48 ng

RT: 5.14 min Scan# 302

Delta R.T. -0.02 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2

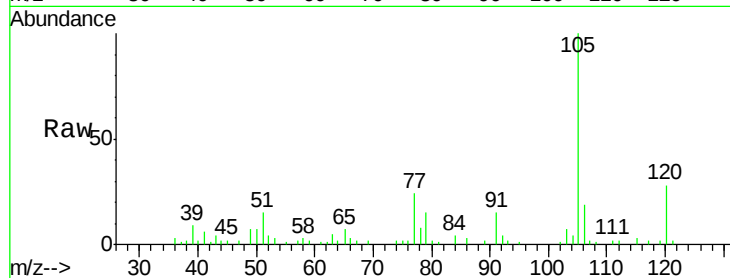
Tgt Ion: 77 Resp: 21420

Ion Ratio Lower Upper

77 100

105 419.6 71.8 111.8#

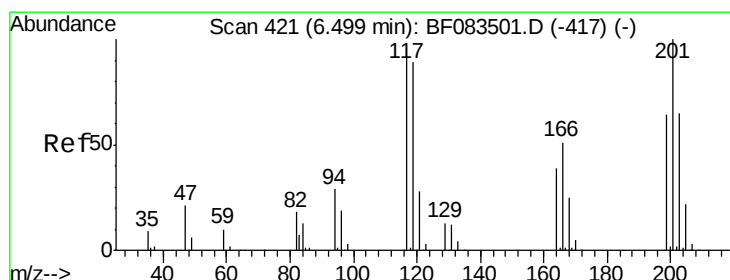
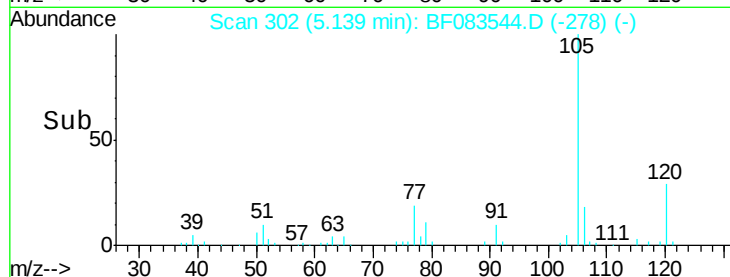
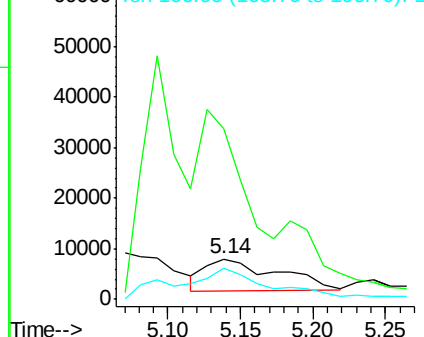
106 77.6 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#18

Hexachloroethane

Concen: 4.89 ng

RT: 6.41 min Scan# 413

Delta R.T. -0.09 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

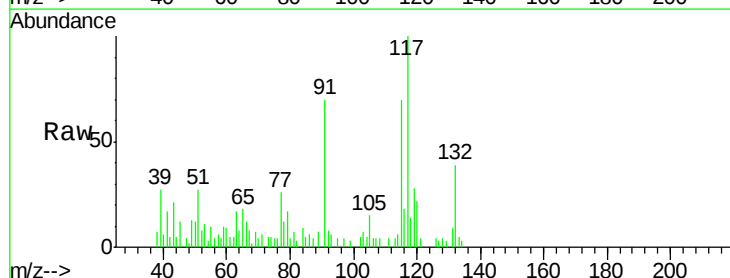
Tgt Ion: 117 Resp: 23463

Ion Ratio Lower Upper

117 100

119 27.6 77.2 115.8#

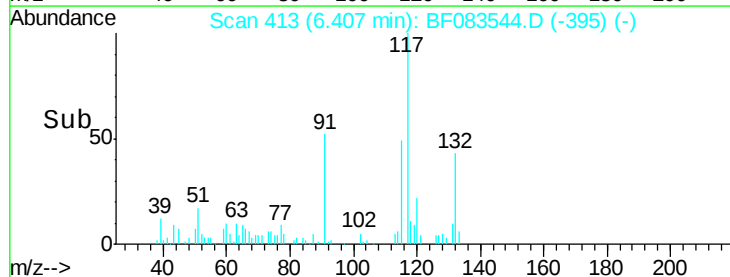
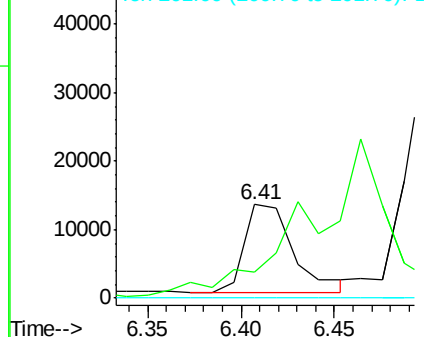
201 0.0 86.8 130.2#

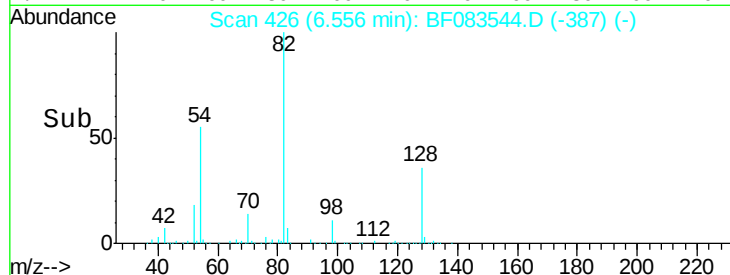
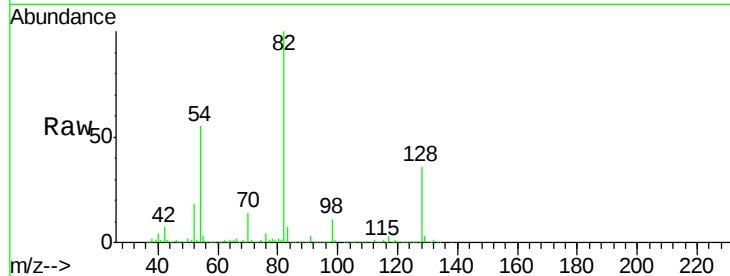
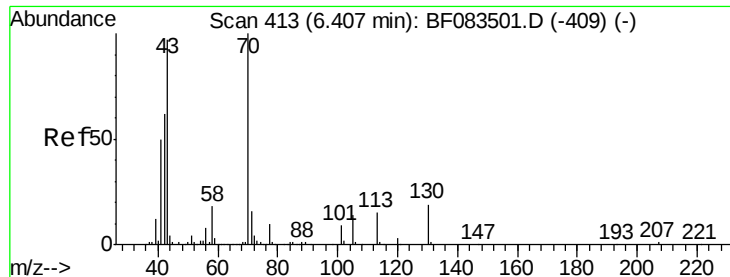


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

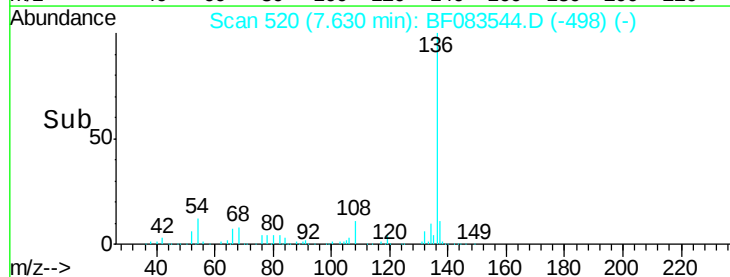
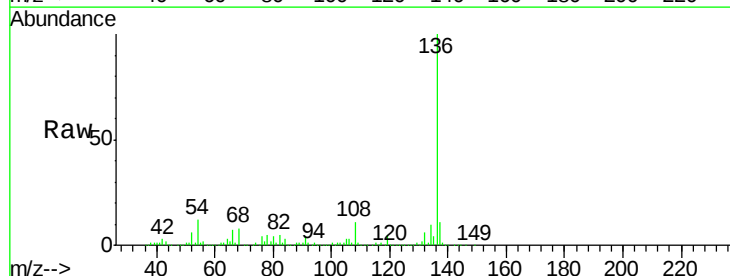
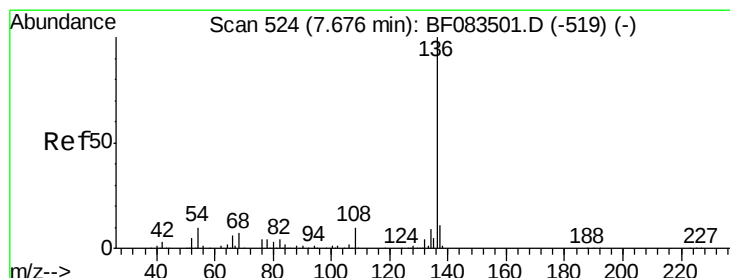
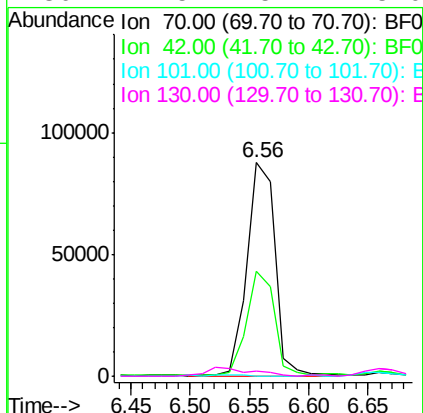




#19
n-Nitroso-di-n-propylamine
Concen: 14.61 ng
RT: 6.56 min Scan# 426
Delta R.T. 0.15 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

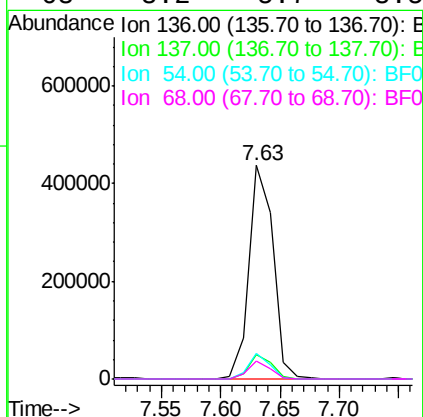
Instrument :
BNA_G
ClientSampleId :
K204-0-2

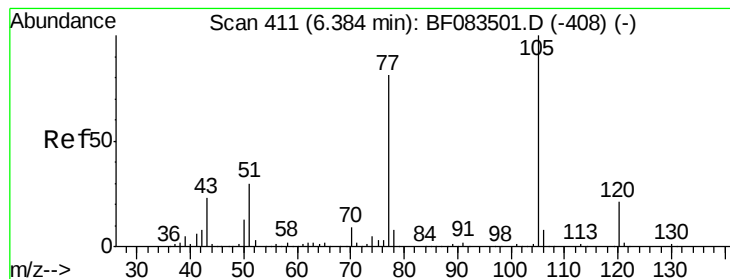
Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.4	49.2	73.8
101	0.0	7.1	10.7#
130	2.5	15.4	23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	12.0	7.8	11.6#
68	8.2	5.7	8.5





#22

Acetophenone

Concen: 3.17 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2

Tgt Ion:105 Resp: 56644

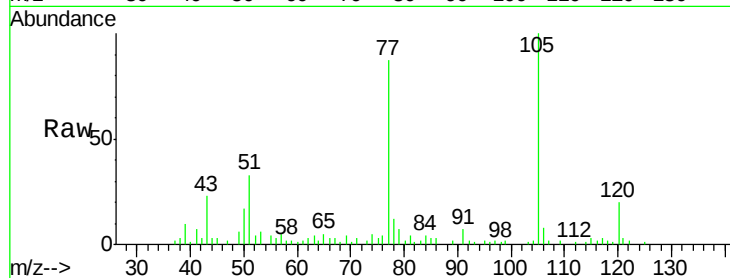
Ion Ratio Lower Upper

105 100

71 3.4 1.3 1.9#

51 33.3 23.8 35.8

120 19.9 16.7 25.1

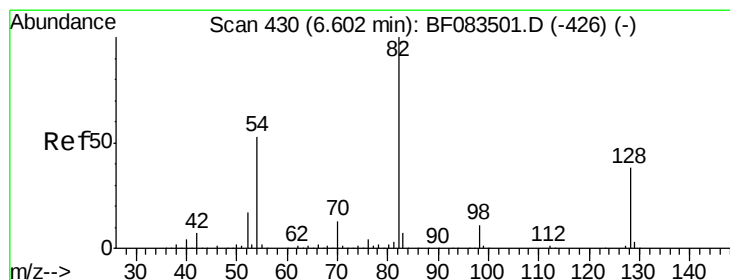
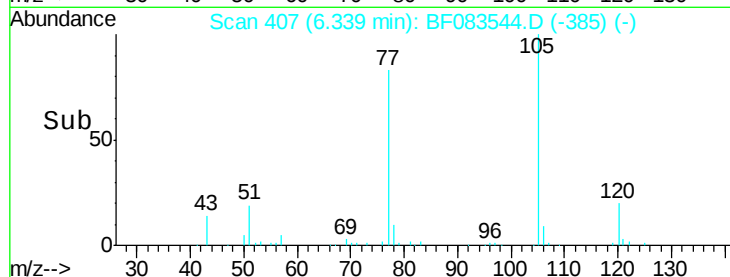
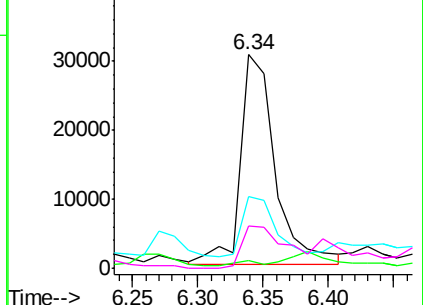


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 80.13 ng

RT: 6.56 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

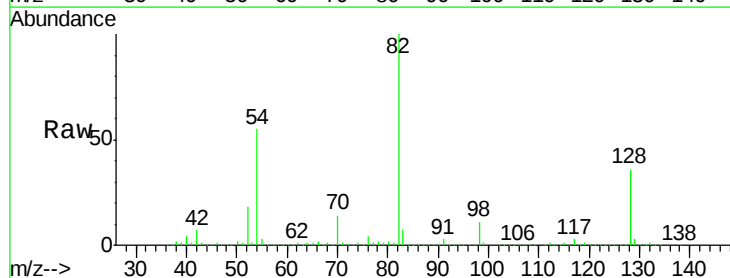
Tgt Ion: 82 Resp: 1061615

Ion Ratio Lower Upper

82 100

128 36.3 30.7 46.1

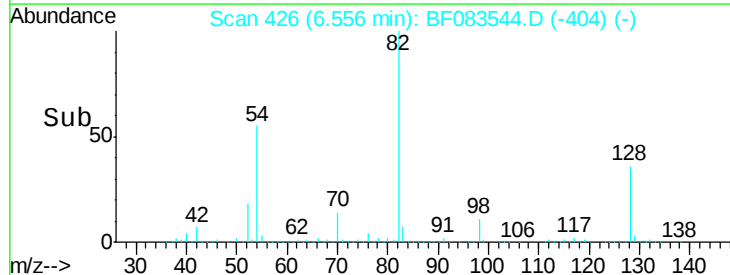
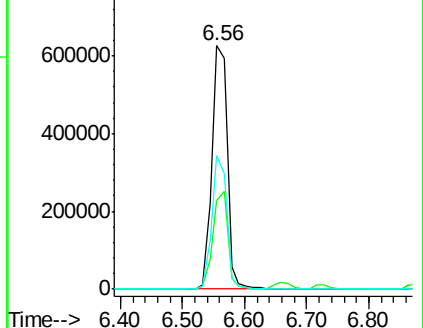
54 55.1 42.5 63.7

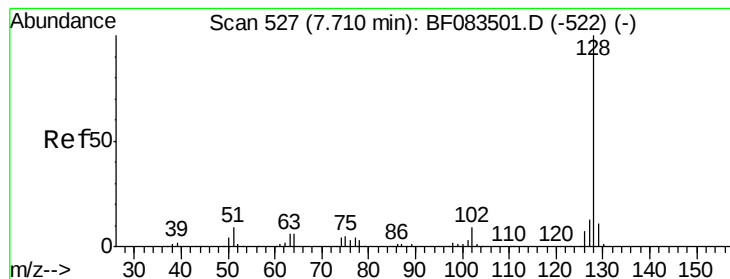


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 9.28 ng

RT: 7.66 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2

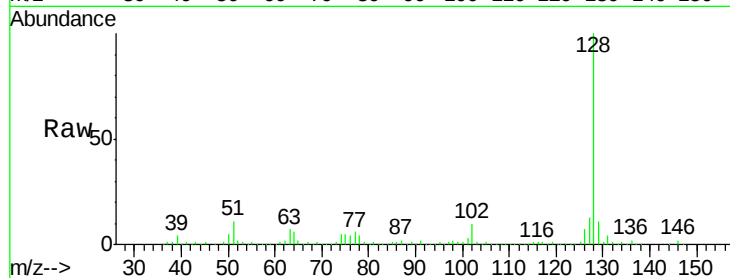
Tgt Ion:128 Resp: 305822

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

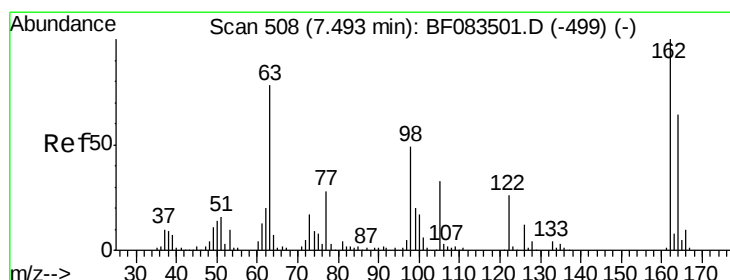
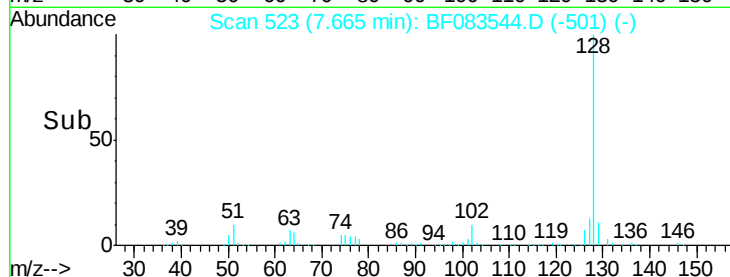
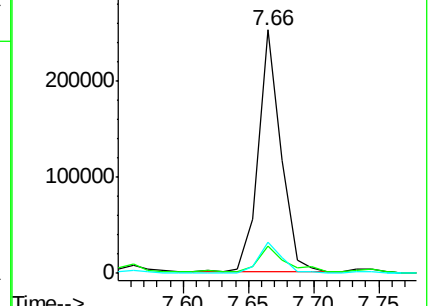
127 12.7 10.6 16.0



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



#32

Benzoic acid

Concen: 3.10 ng

RT: 7.50 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

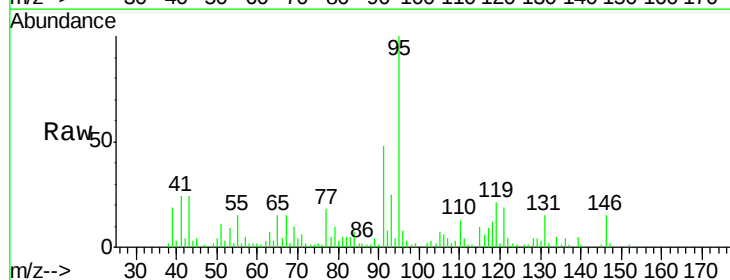
Tgt Ion:122 Resp: 2626

Ion Ratio Lower Upper

122 100

105 183.2 105.6 145.6#

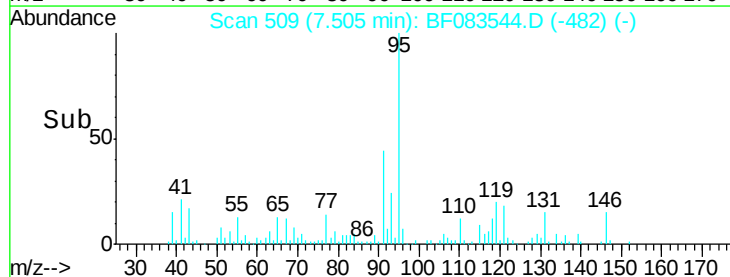
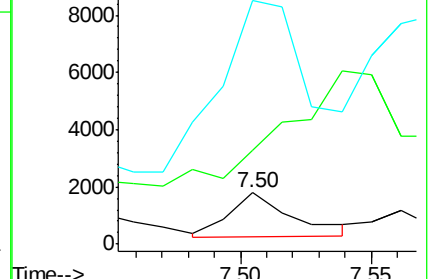
77 472.6 86.8 126.8#

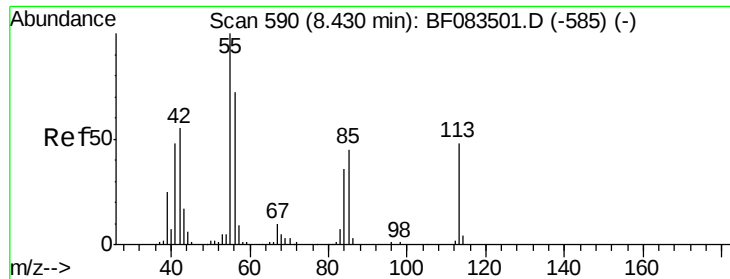


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

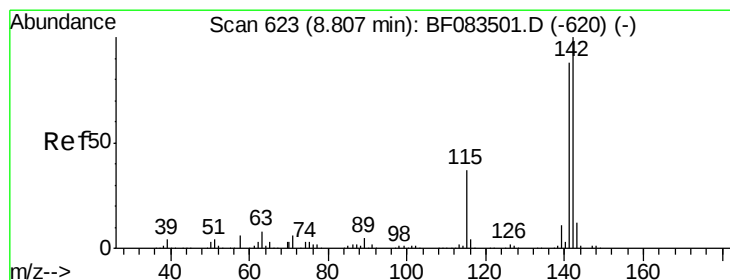
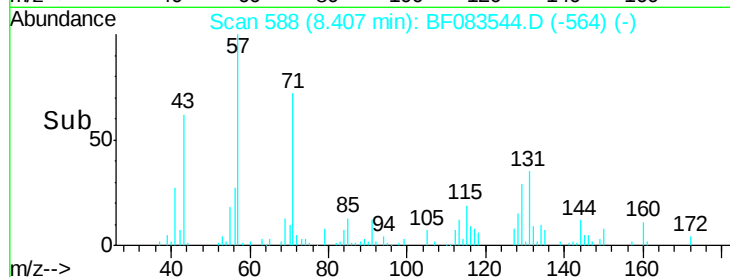
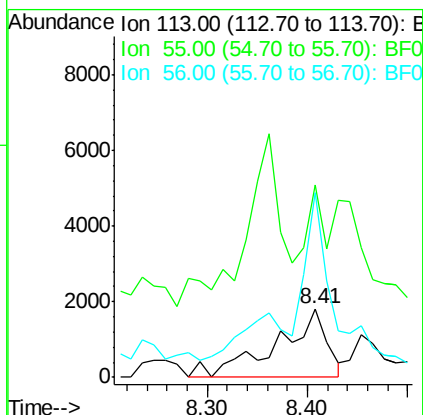
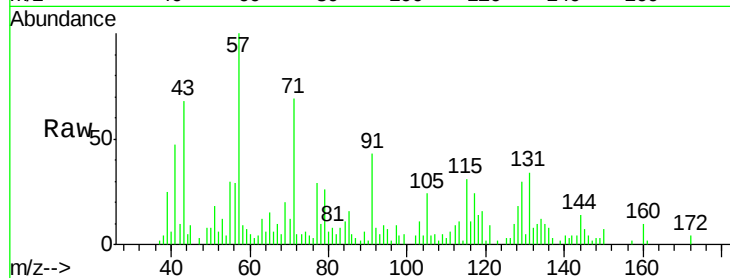




#35
 Caprolactam
 Concen: 2.16 ng
 RT: 8.41 min Scan# 588
 Delta R.T. -0.02 min
 Lab File: BF083544.D
 Acq: 7 Dec 2015 5:49

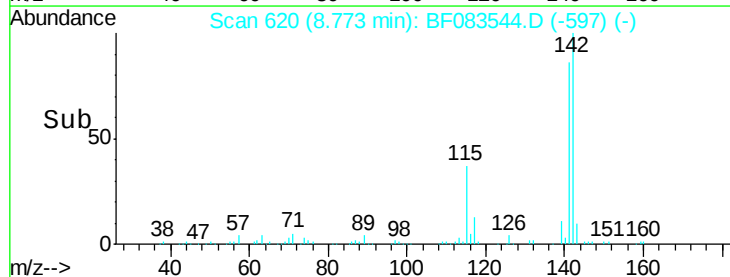
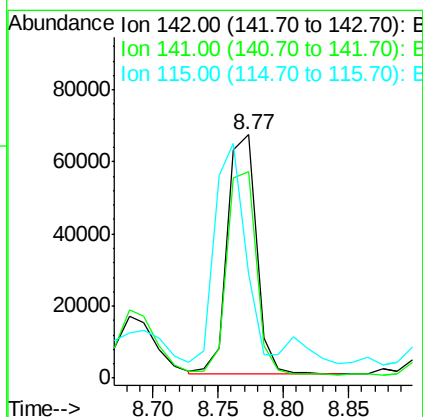
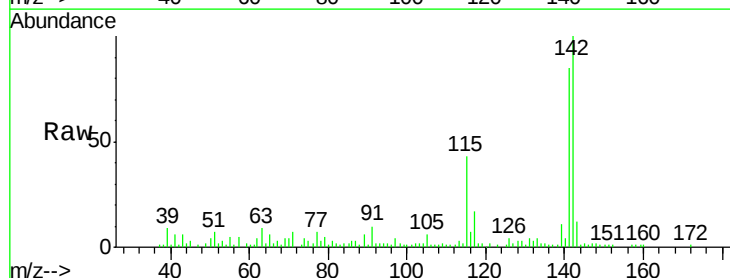
Instrument :
 BNA_G
 ClientSampleId :
 K204-0-2

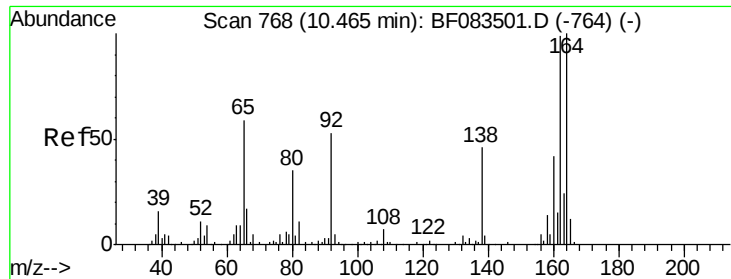
Tgt Ion:113 Resp: 6298
 Ion Ratio Lower Upper
 113 100
 55 280.2 189.7 229.7#
 56 268.4 130.7 170.7#



#37
 2-Methylnaphthalene
 Concen: 5.07 ng
 RT: 8.77 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF083544.D
 Acq: 7 Dec 2015 5:49

Tgt Ion:142 Resp: 103302
 Ion Ratio Lower Upper
 142 100
 141 85.0 70.3 105.5
 115 43.0 29.2 43.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.43 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2

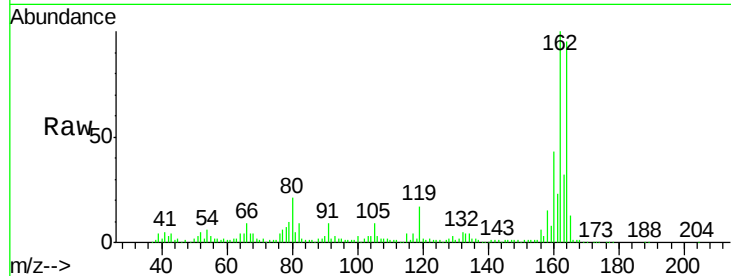
Tgt Ion:164 Resp: 282516

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

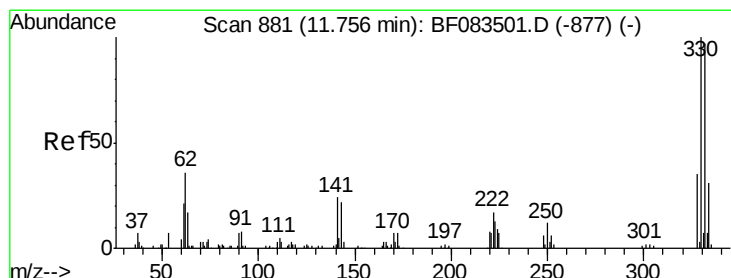
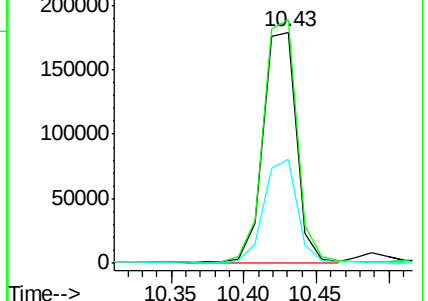
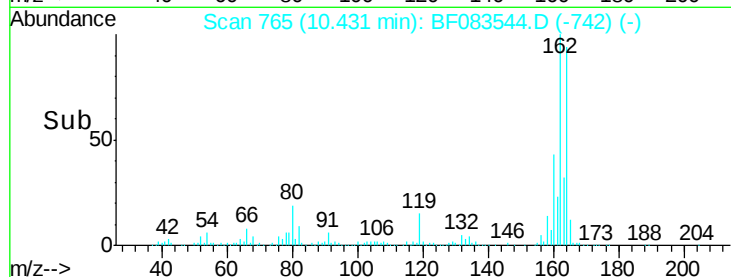
160 44.9 33.4 50.2



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: 103.72 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

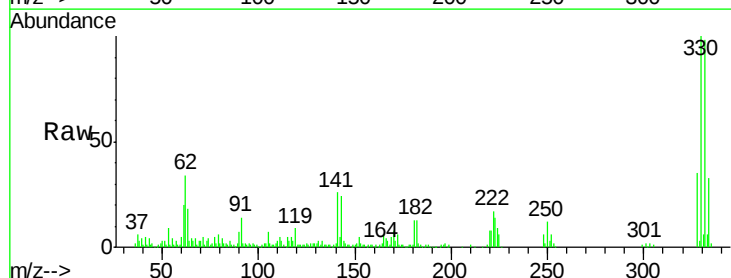
Tgt Ion:330 Resp: 270314

Ion Ratio Lower Upper

330 100

332 97.4 0.0 0.0#

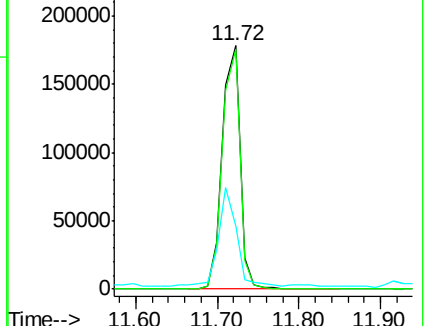
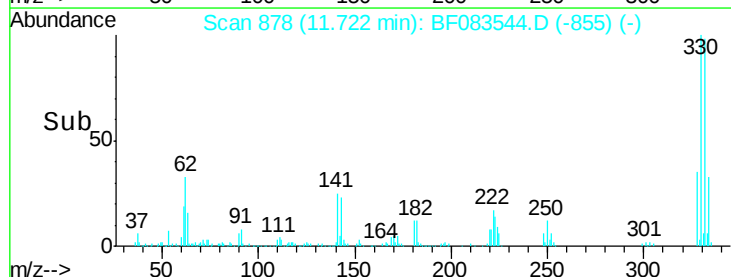
141 41.8 0.0 0.0#

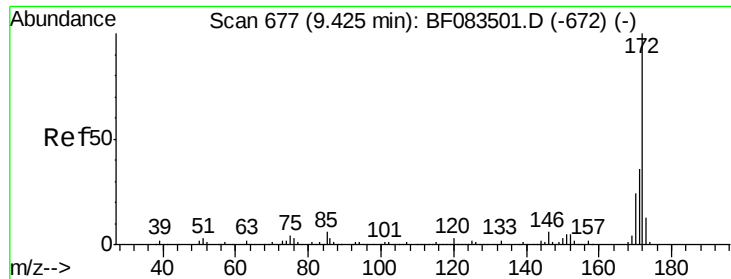


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

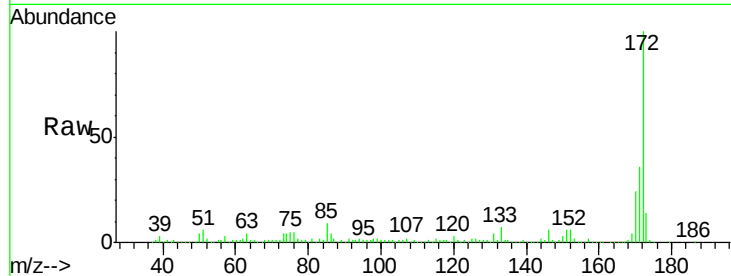




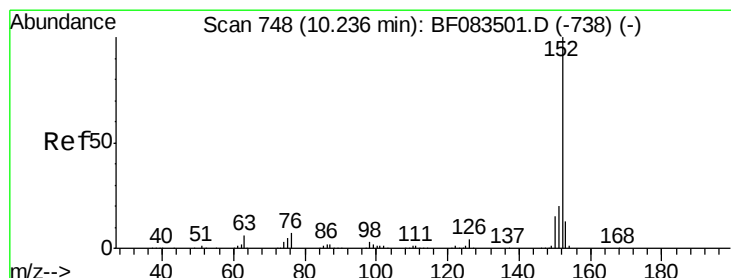
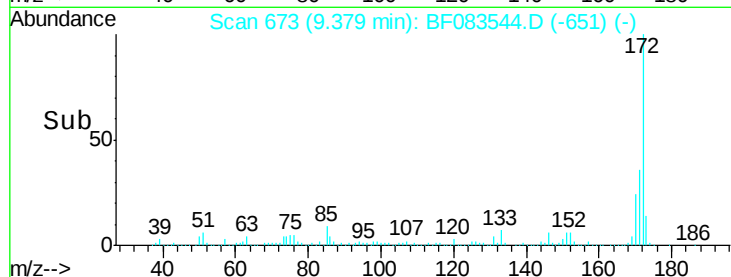
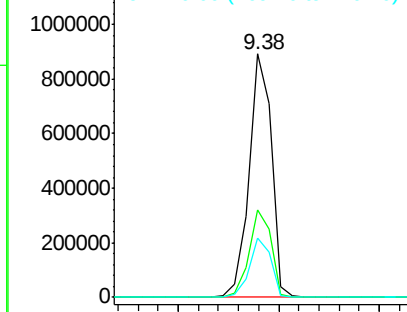
#44
2-Fluorobiphenyl
Concen: 65.70 ng
RT: 9.38 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

Instrument :
BNA_G
ClientSampleId :
K204-0-2

Tgt Ion:172 Resp: 1368550
Ion Ratio Lower Upper
172 100
171 36.2 28.6 42.8
170 24.3 19.4 29.0

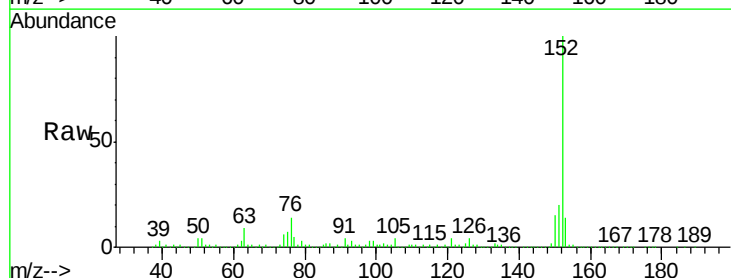


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

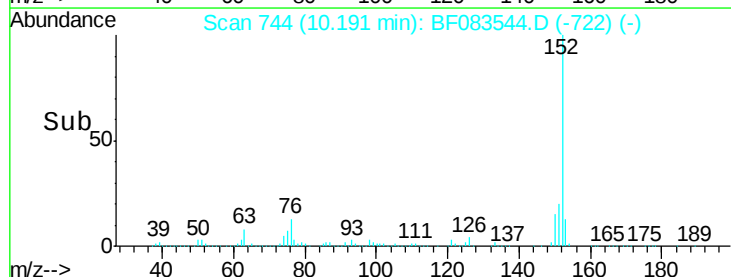
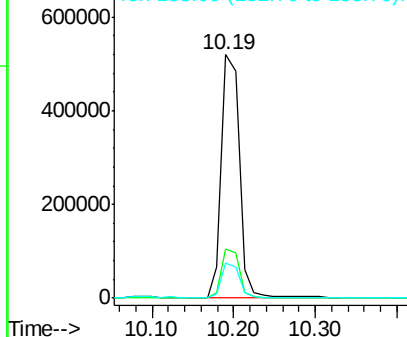


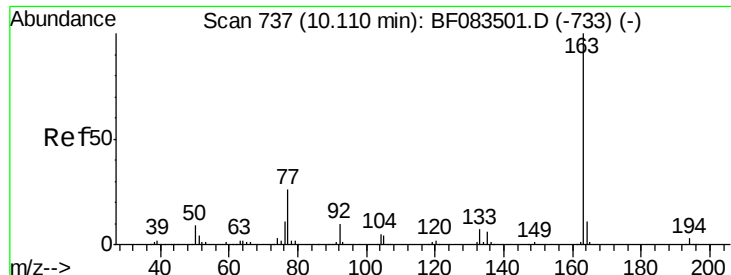
#48
Acenaphthylene
Concen: 25.80 ng
RT: 10.19 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

Tgt Ion:152 Resp: 799216
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 14.2 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

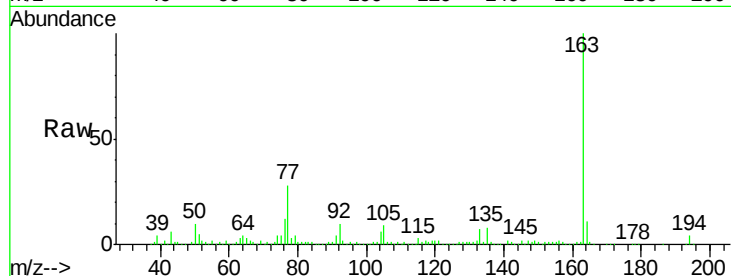




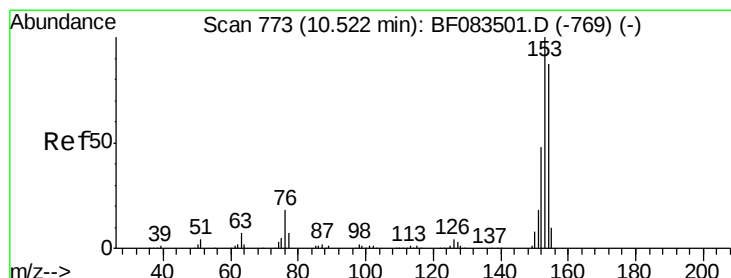
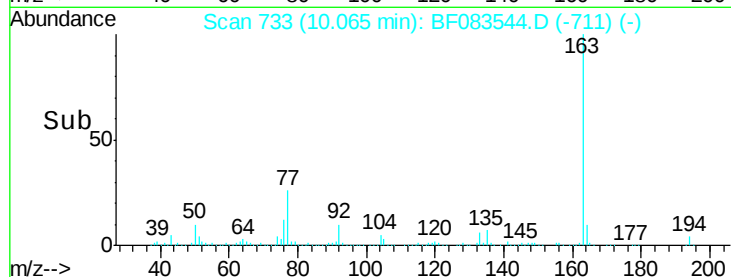
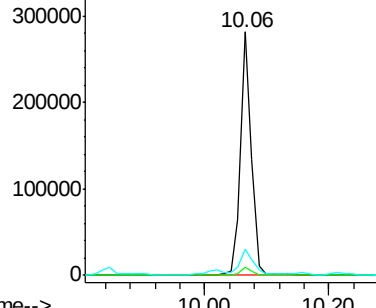
#49
Dimethylphthalate
Concen: 15.45 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

Instrument :
BNA_G
ClientSampleId :
K204-0-2

Tgt Ion:163 Resp: 343613
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.6 8.6 13.0

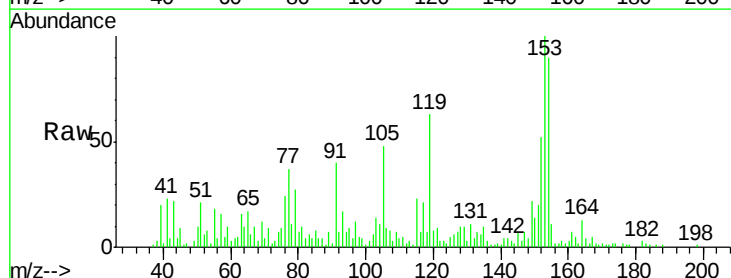


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

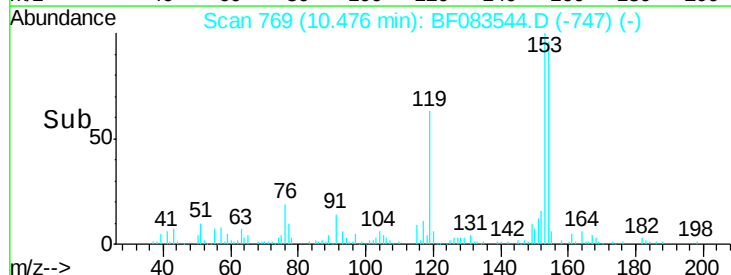
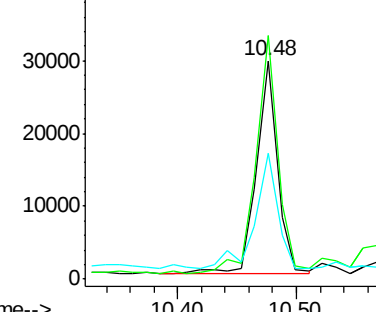


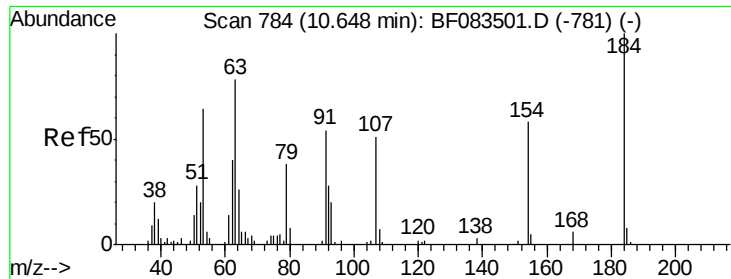
#51
Acenaphthene
Concen: 2.01 ng
RT: 10.48 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

Tgt Ion:154 Resp: 35811
Ion Ratio Lower Upper
154 100
153 111.5 91.4 137.0
152 57.5 43.4 65.2



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

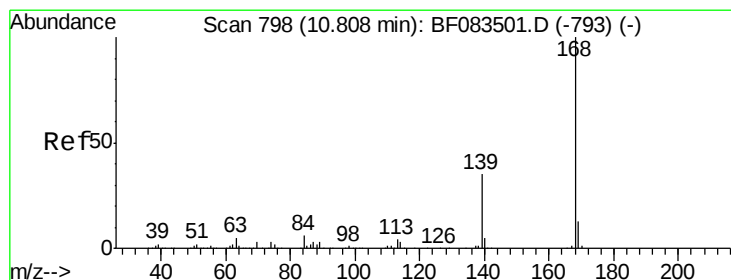
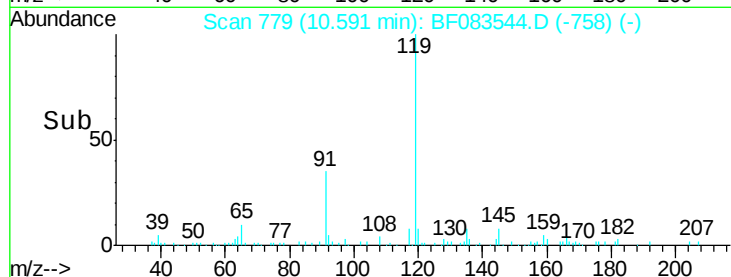
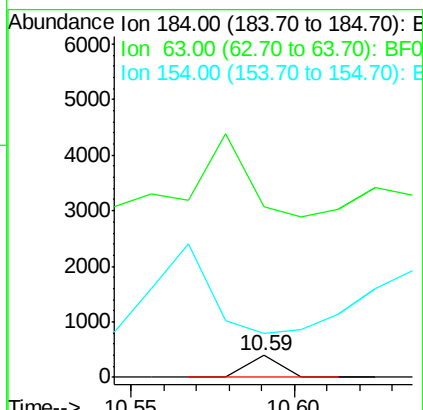
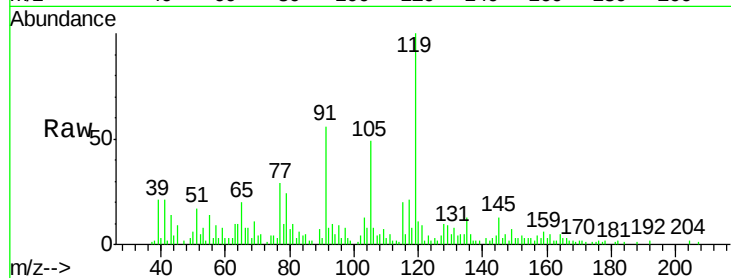




#53
2,4-Dinitrophenol
Concen: 7.68 ng
RT: 10.59 min Scan# 779
Delta R.T. -0.06 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

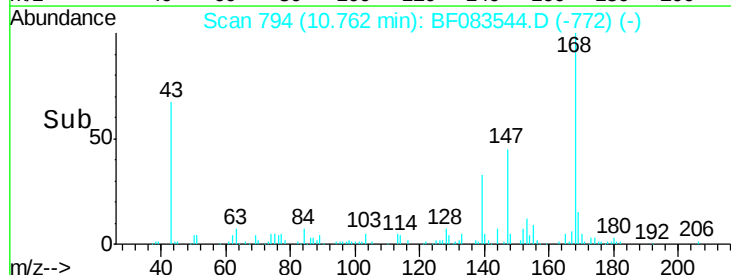
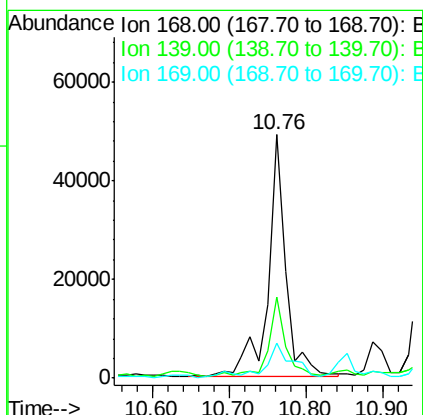
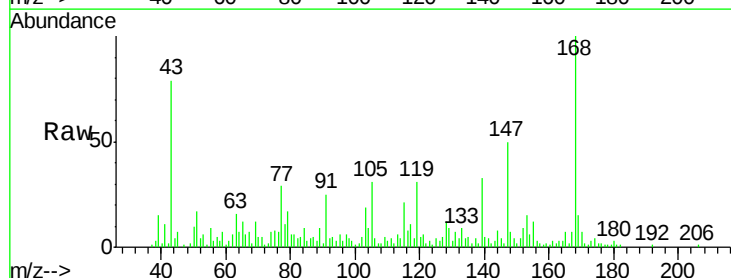
Instrument :
BNA_G
ClientSampled :
K204-0-2

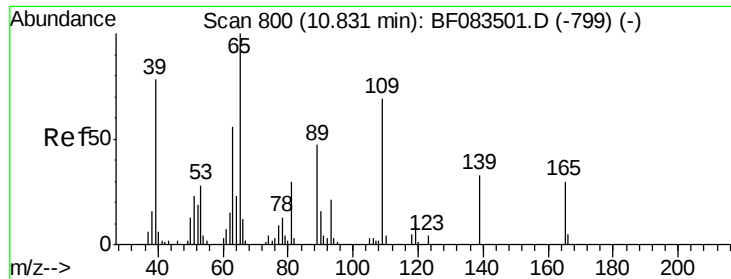
Tgt Ion:184 Resp: 269
Ion Ratio Lower Upper
184 100
63 783.7 62.4 93.6#
154 204.6 46.6 69.8#



#54
Dibenzofuran
Concen: 3.15 ng
RT: 10.76 min Scan# 794
Delta R.T. -0.05 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

Tgt Ion:168 Resp: 77786
Ion Ratio Lower Upper
168 100
139 33.3 28.0 42.0
169 14.5 10.8 16.2

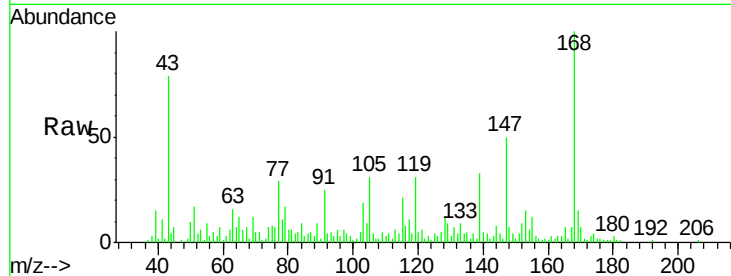




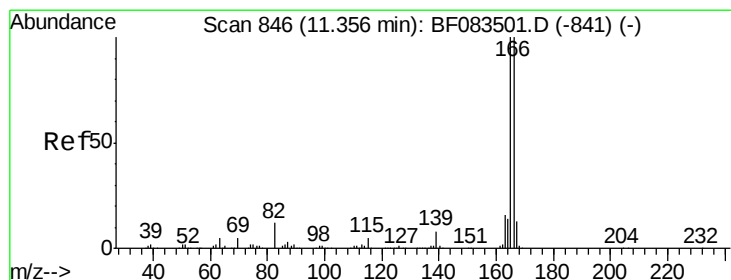
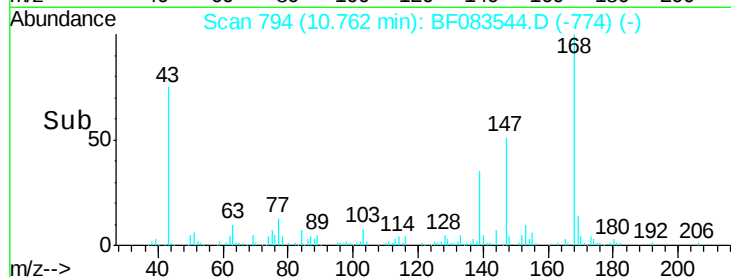
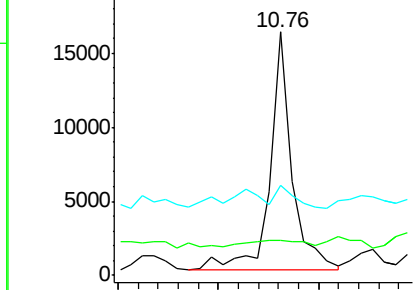
#55
4-Nitrophenol
Concen: 8.42 ng
RT: 10.76 min Scan# 794
Delta R.T. -0.07 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

Instrument :
BNA_G
ClientSampleId :
K204-0-2

Tgt Ion:139 Resp: 23930
Ion Ratio Lower Upper
139 100
109 14.5 42.0 82.0#
65 36.8 89.2 129.2#

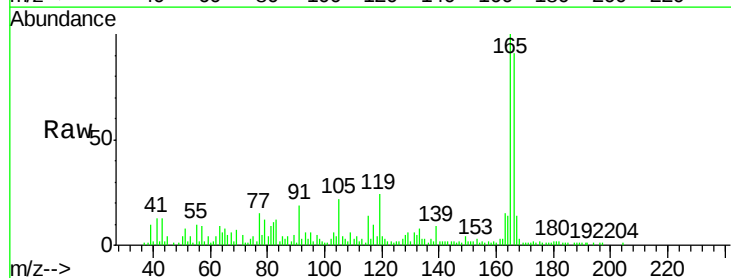


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

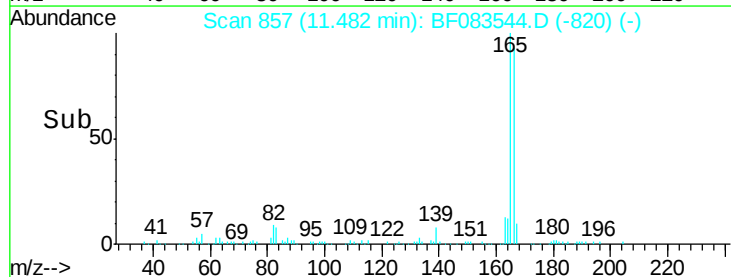
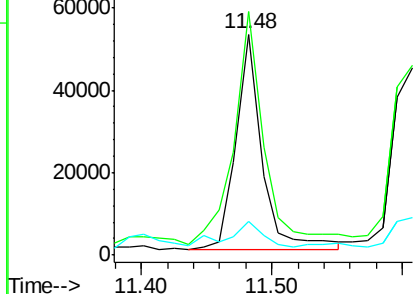


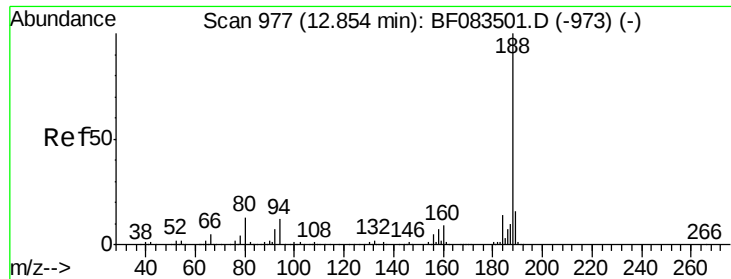
#57
Fluorene
Concen: 3.43 ng
RT: 11.48 min Scan# 857
Delta R.T. 0.13 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

Tgt Ion:166 Resp: 73590
Ion Ratio Lower Upper
166 100
165 110.2 80.0 120.0
167 15.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

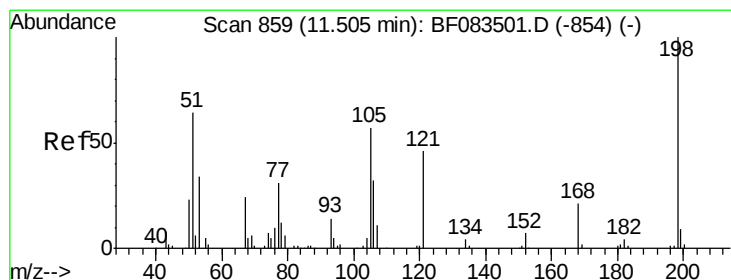
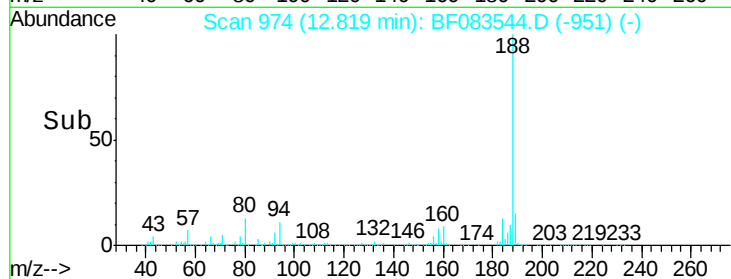
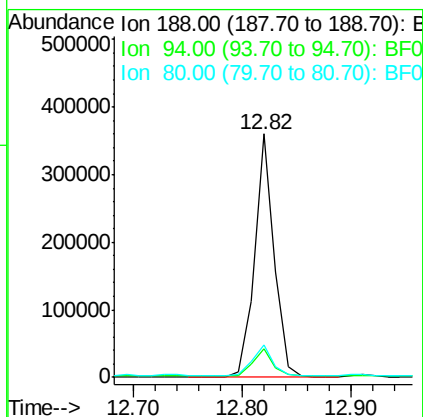
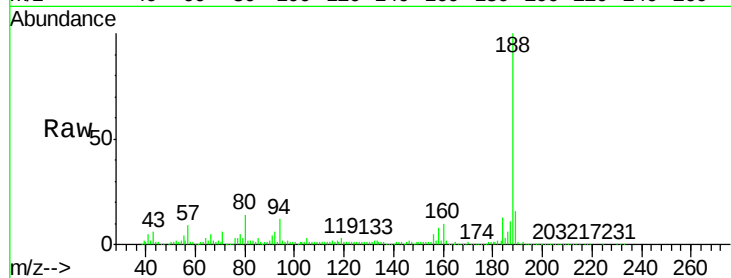




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

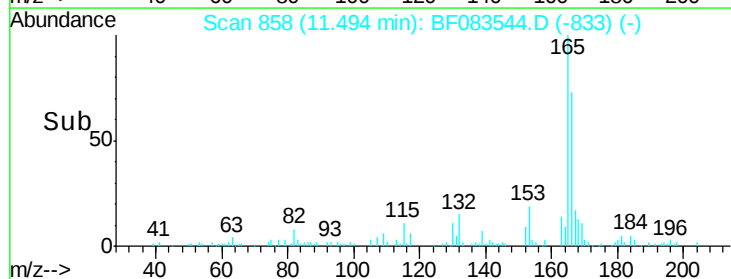
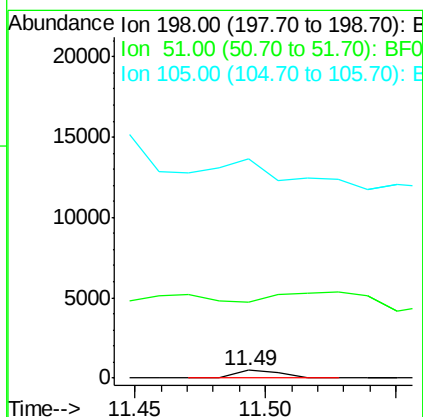
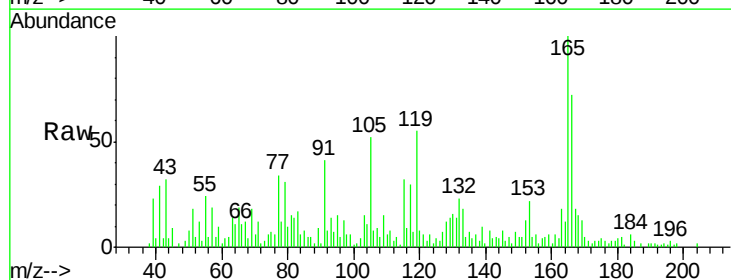
Instrument :
BNA_G
ClientSampleId :
K204-0-2

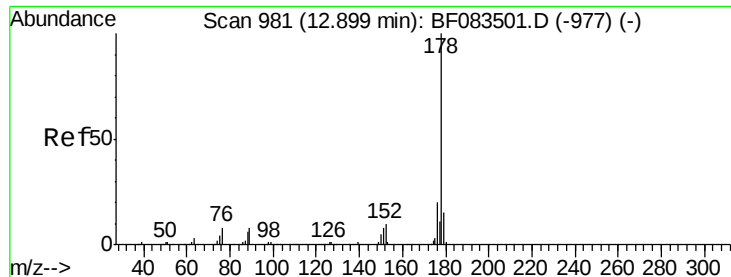
Tgt Ion:188 Resp: 449037
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 13.5 10.6 16.0



#64
4,6-Dinitro-2-methylphenol
Concen: 3.66 ng
RT: 11.49 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

Tgt Ion:198 Resp: 579
Ion Ratio Lower Upper
198 100
51 975.5 53.8 93.8#
105 2821.9 38.6 78.6#

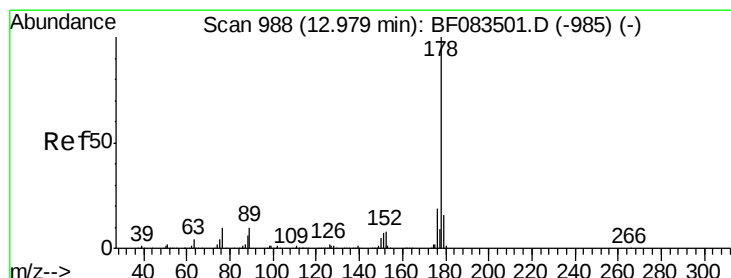
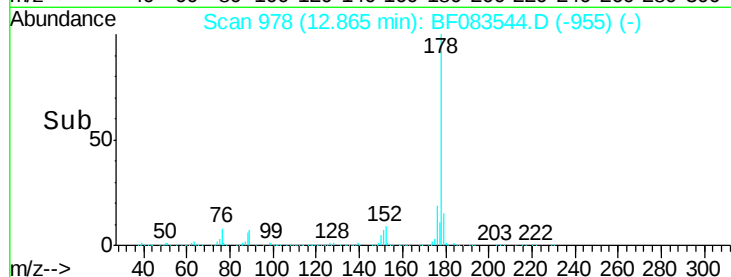
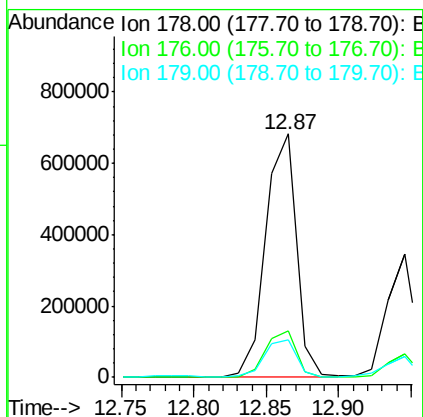
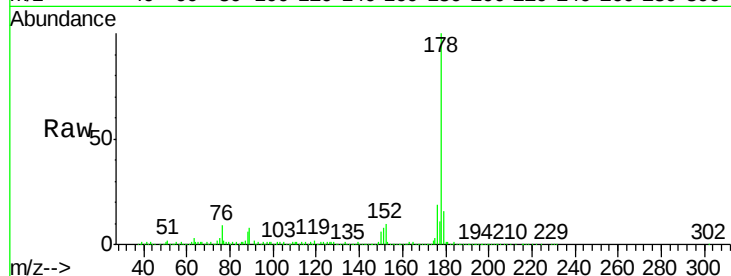




#70
Phenanthrene
Concen: 38.35 ng
RT: 12.87 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

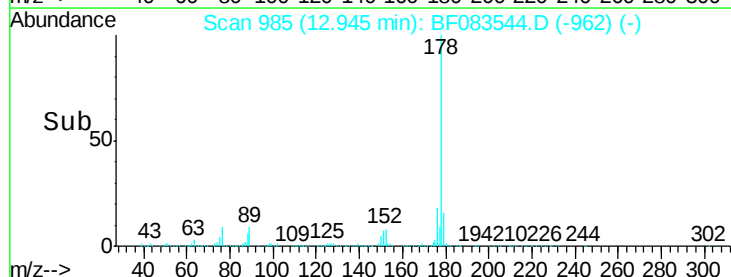
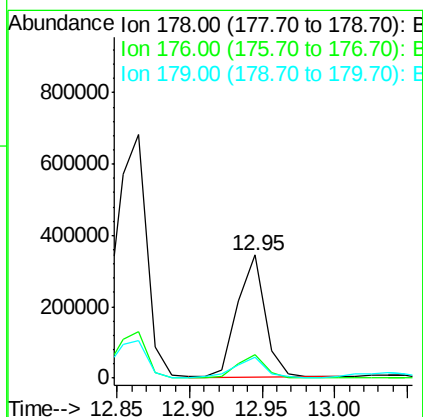
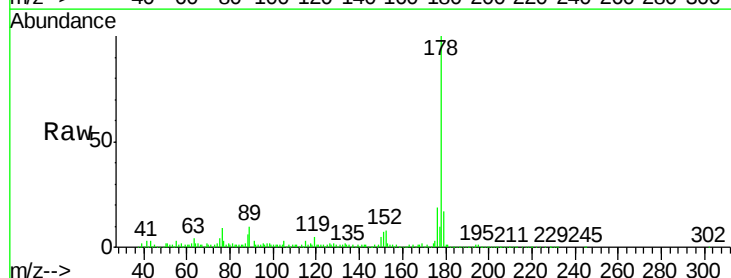
Instrument :
BNA_G
ClientSampleId :
K204-0-2

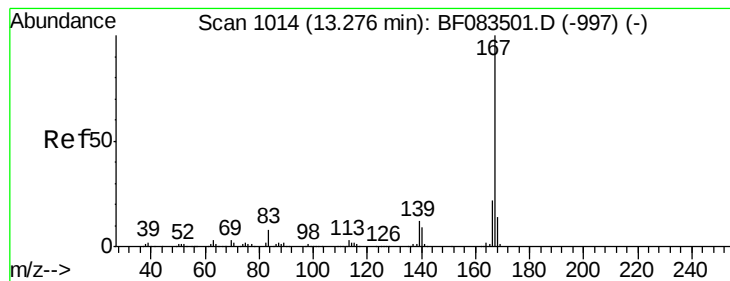
Tgt Ion:178 Resp: 1002355
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.6 12.2 18.4



#71
Anthracene
Concen: 16.96 ng
RT: 12.95 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

Tgt Ion:178 Resp: 452188
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 16.6 12.6 18.8





#72

Carbazole

Concen: 2.80 ng

RT: 13.24 min Scan# 1011

Delta R.T. -0.03 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2

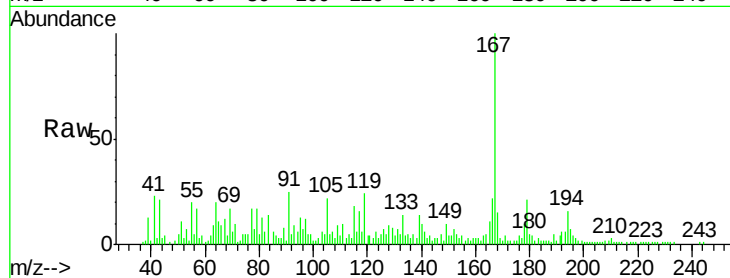
Tgt Ion:167 Resp: 64050

Ion Ratio Lower Upper

167 100

166 22.4 17.2 25.8

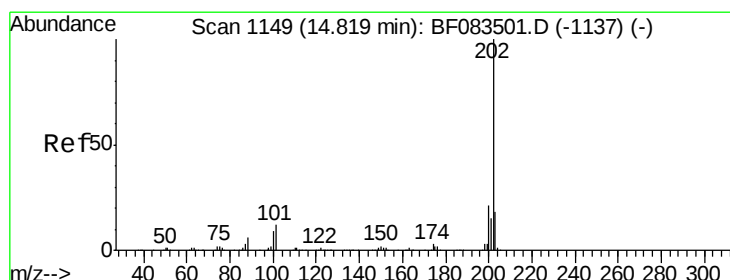
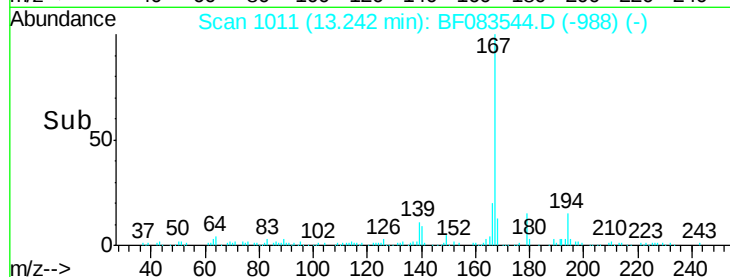
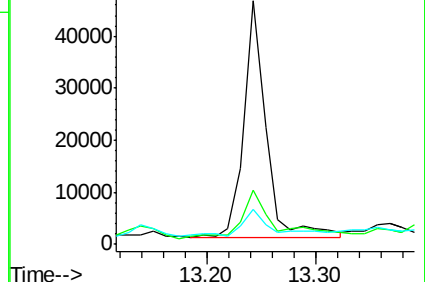
139 14.5 9.3 13.9#



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: 71.63 ng

RT: 14.80 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

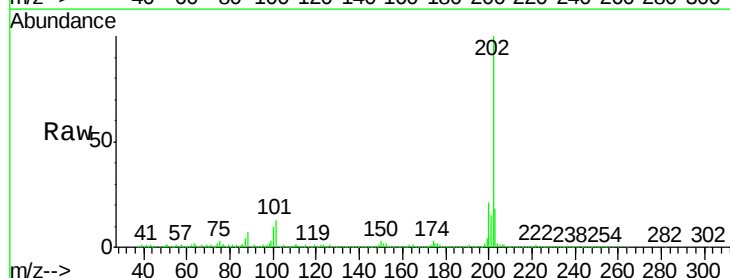
Tgt Ion:202 Resp: 1855414

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.5

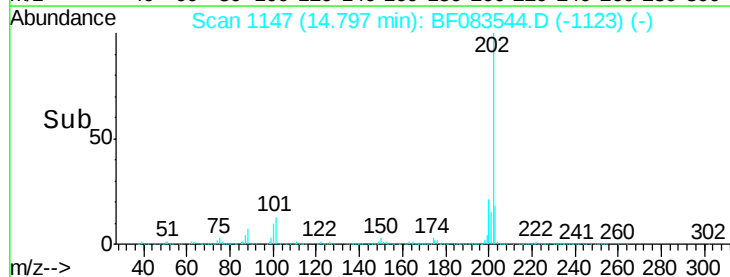
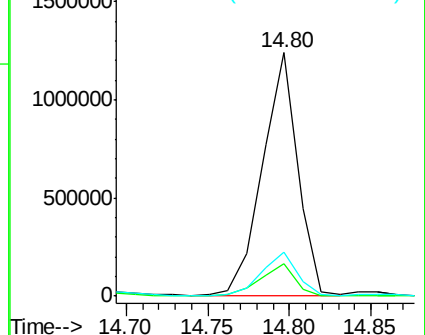
203 18.1 0.0 37.6

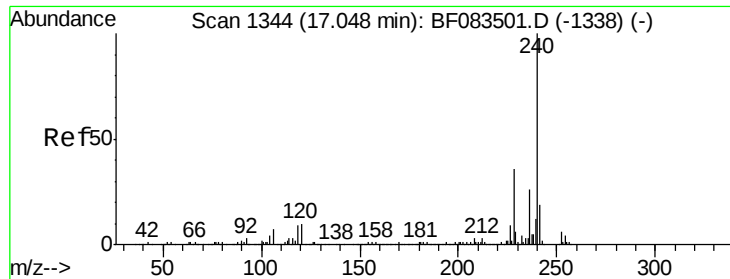


Abundance Ion 202.00 (201.70 to 202.70): E

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: 17.04 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2

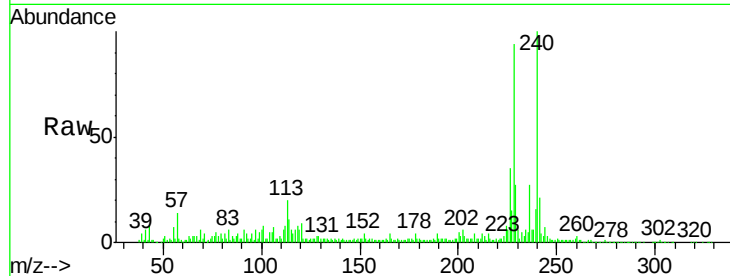
Tgt Ion:240 Resp: 313954

Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

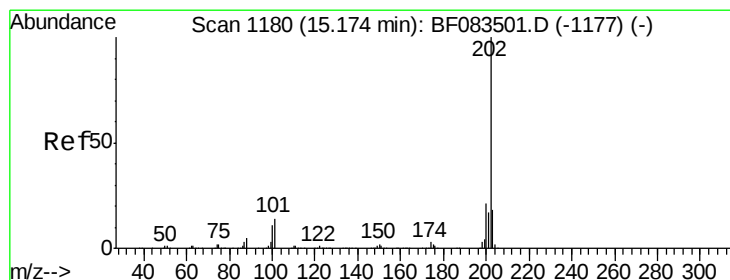
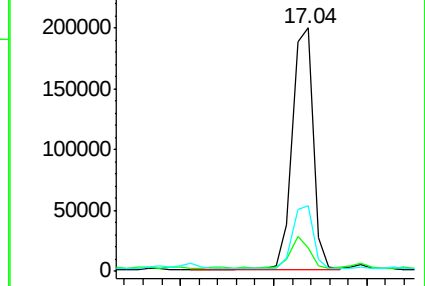
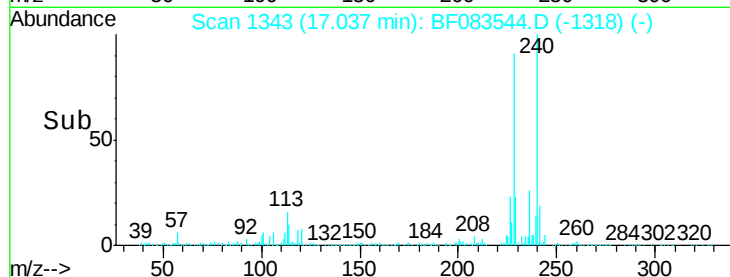
236 27.1 20.8 31.2



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: 98.67 ng

RT: 15.16 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

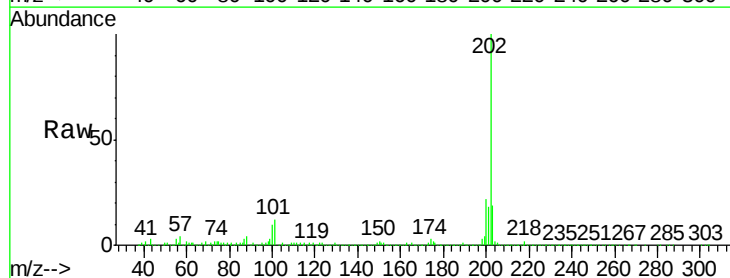
Tgt Ion:202 Resp: 2317407

Ion Ratio Lower Upper

202 100

200 22.0 16.7 25.1

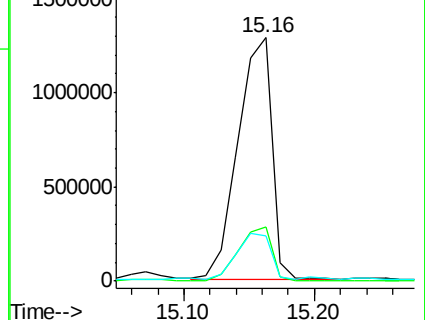
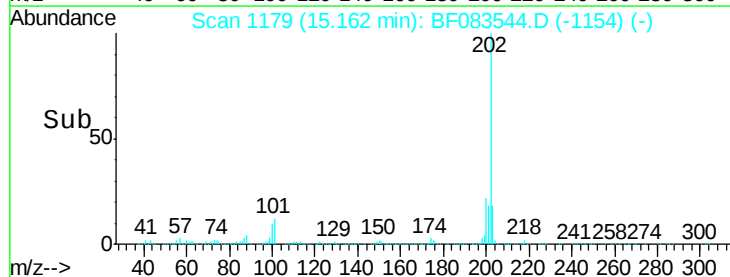
203 18.6 14.3 21.5

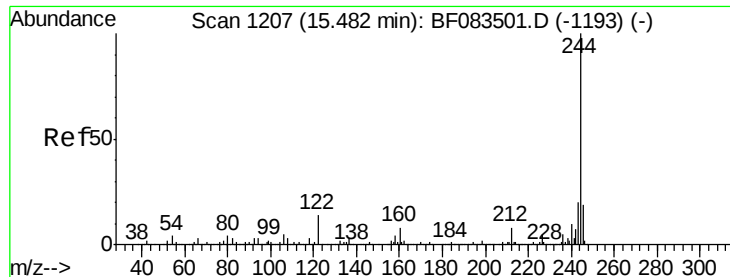


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

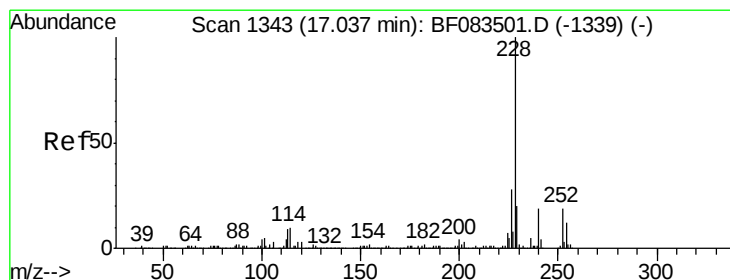
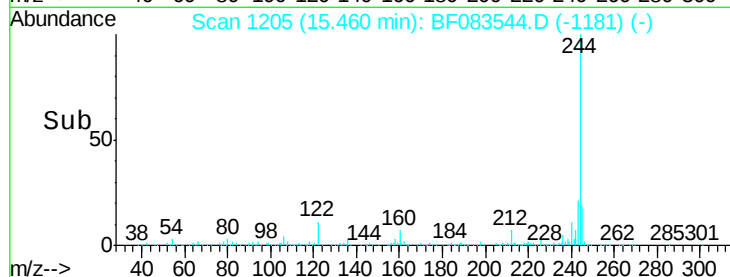
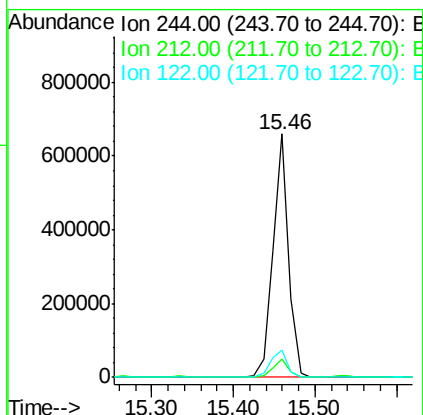
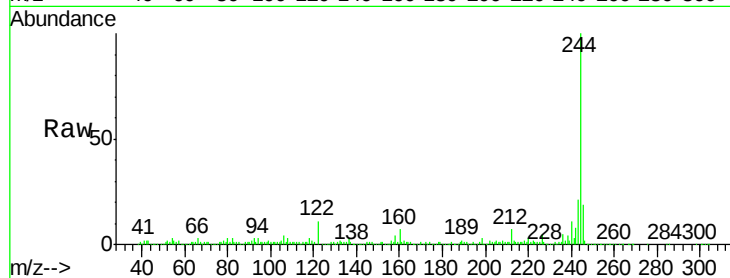




#78
 Terphenyl-d14
 Concen: 62.68 ng
 RT: 15.46 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF083544.D
 Acq: 7 Dec 2015 5:49

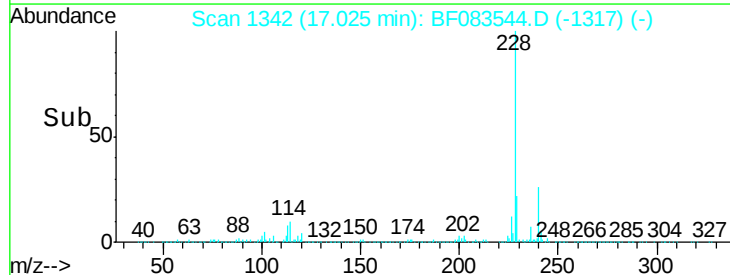
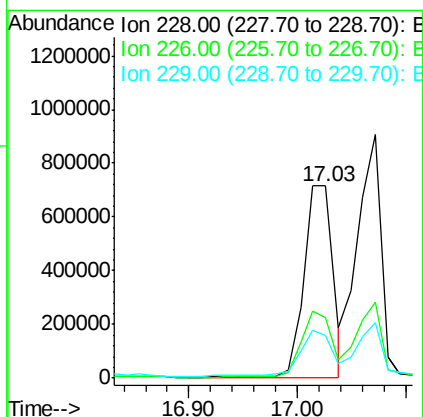
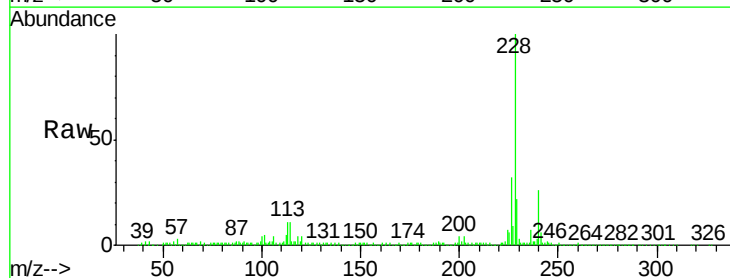
Instrument :
 BNA_G
 ClientSampleId :
 K204-0-2

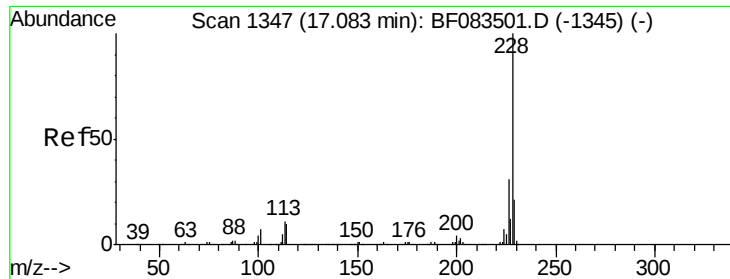
Tgt Ion:244 Resp: 884316
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 11.4 11.0 16.6



#80
 Benzo(a)anthracene
 Concen: 71.34 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF083544.D
 Acq: 7 Dec 2015 5:49

Tgt Ion:228 Resp: 1310406
 Ion Ratio Lower Upper
 228 100
 226 31.5 22.3 33.5
 229 22.4 15.7 23.5





#82

Chrysene

Concen: 74.44 ng

RT: 17.07 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2

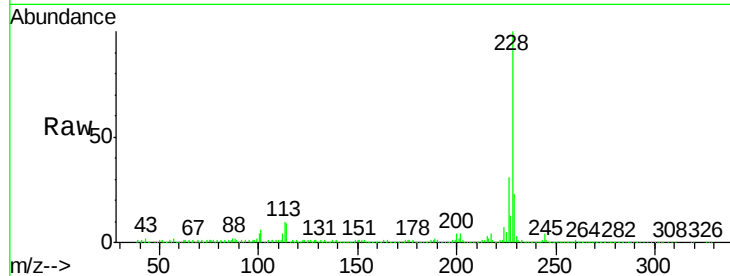
Tgt Ion:228 Resp: 1362152

Ion Ratio Lower Upper

228 100

226 31.2 24.7 37.1

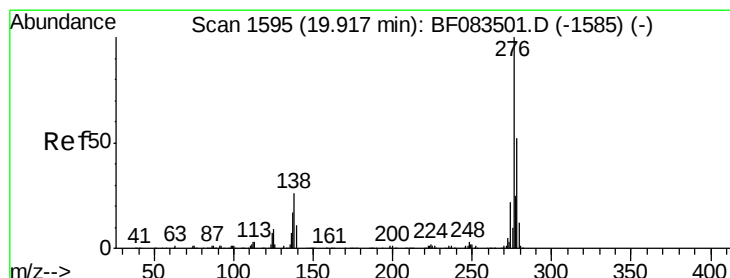
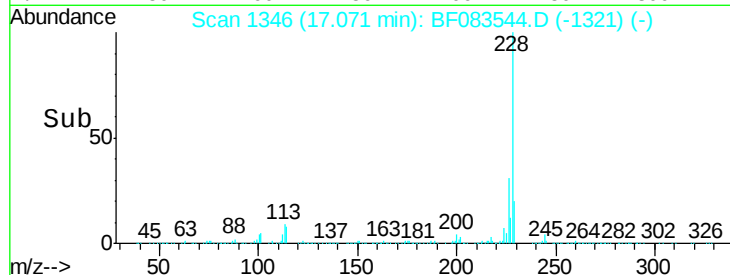
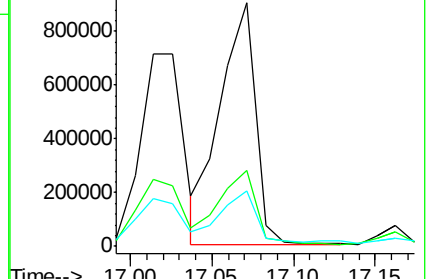
229 22.6 16.3 24.5



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: 49.53 ng

RT: 19.91 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

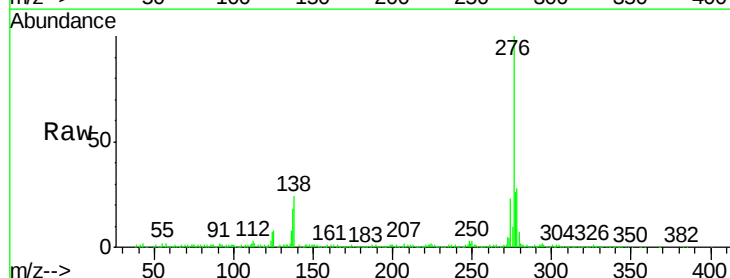
Tgt Ion:276 Resp: 776875

Ion Ratio Lower Upper

276 100

138 22.1 0.0 0.0#

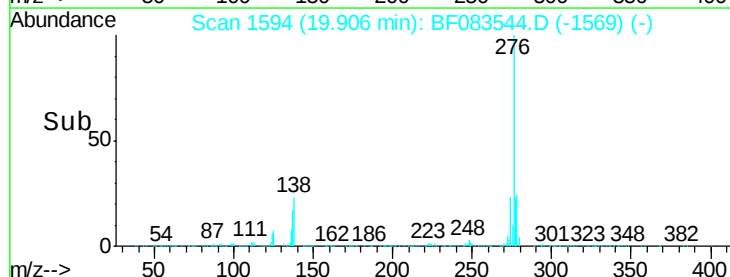
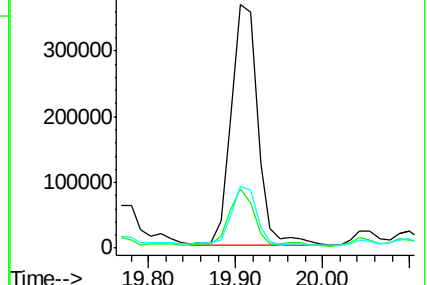
277 24.6 0.0 0.0#

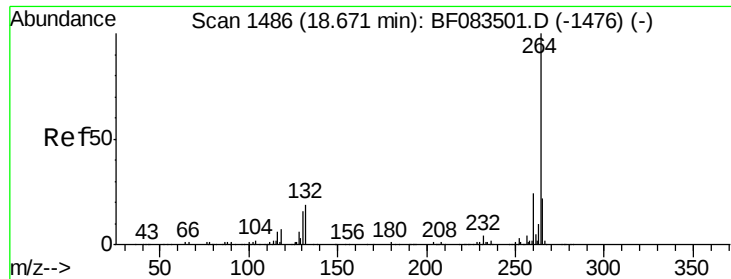


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



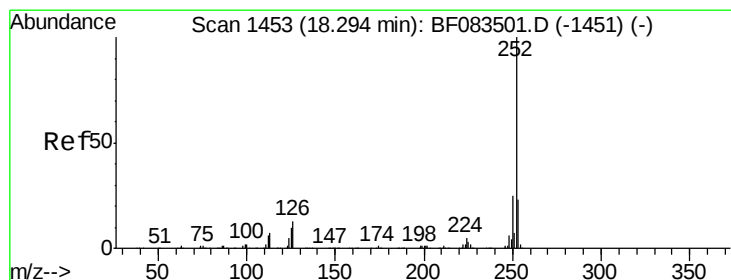
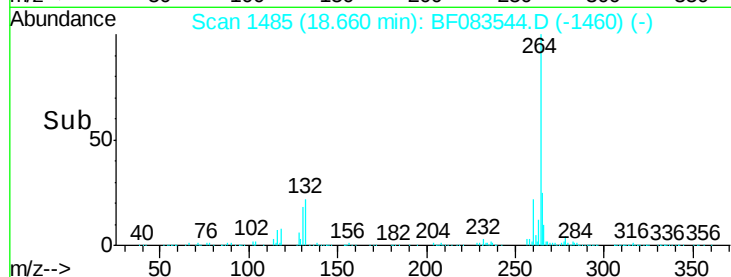
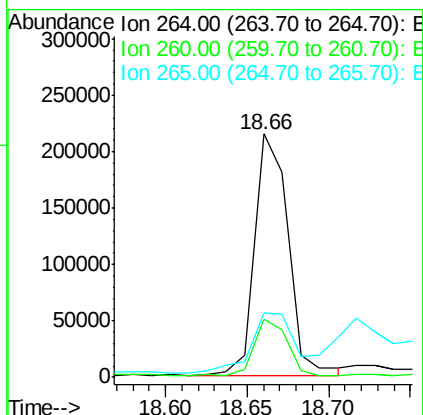
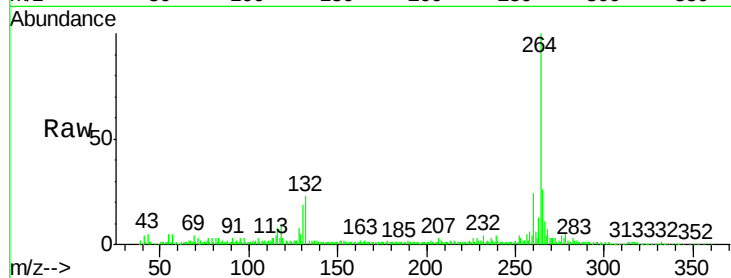


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.66 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

Instrument :
BNA_G
ClientSampleId :
K204-0-2

Tgt Ion:264 Resp: 307777

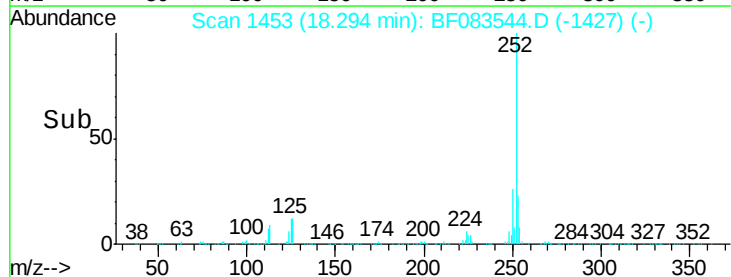
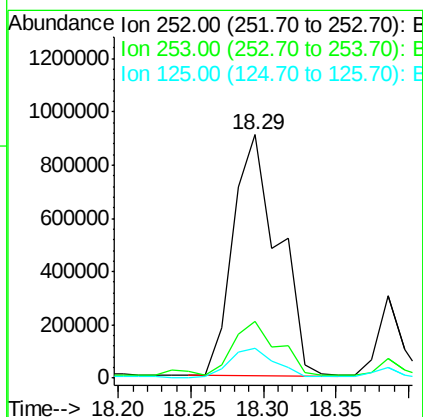
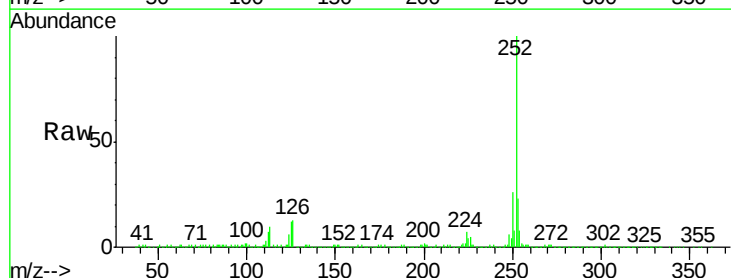
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	26.3	17.8	26.6

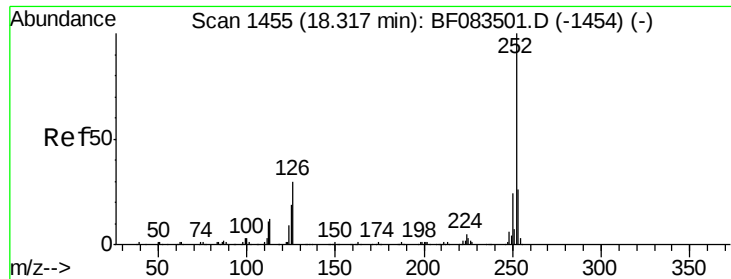


#87
Benzo(b)fluoranthene
Concen: 113.04 ng
RT: 18.29 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

Tgt Ion:252 Resp: 1953898

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	12.0	8.2	12.4

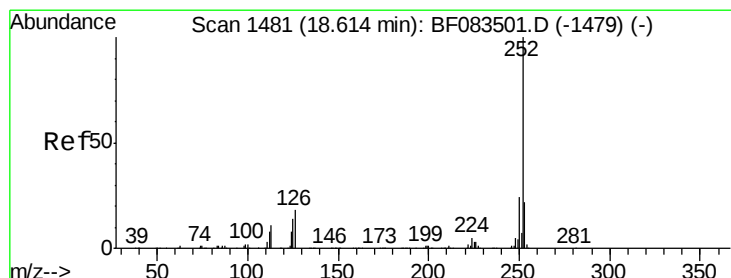
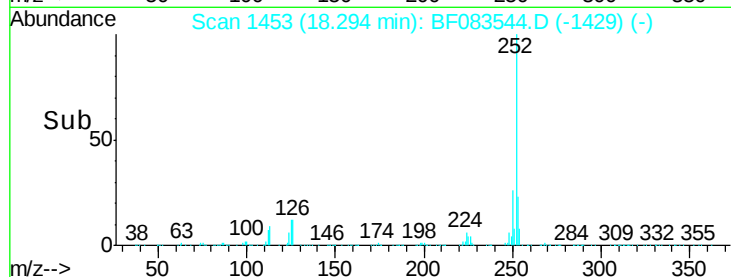
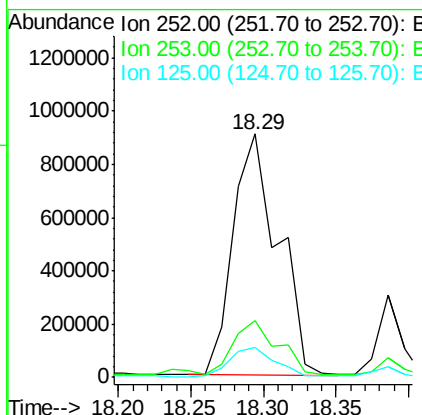
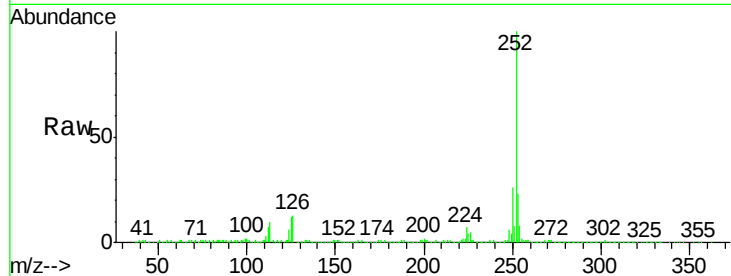




#88
Benzo(k)fluoranthene
Concen: 110.35 ng
RT: 18.29 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

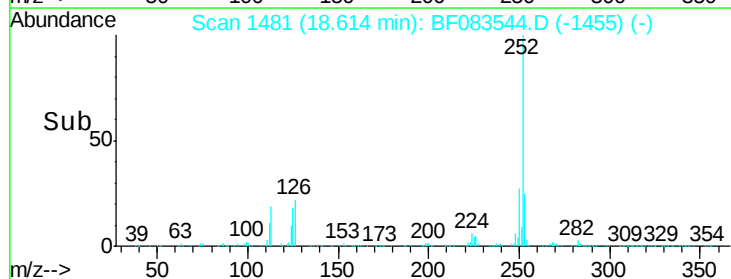
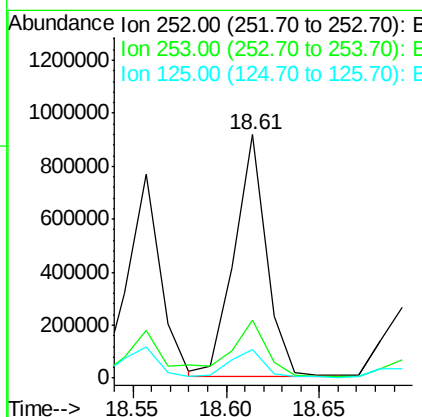
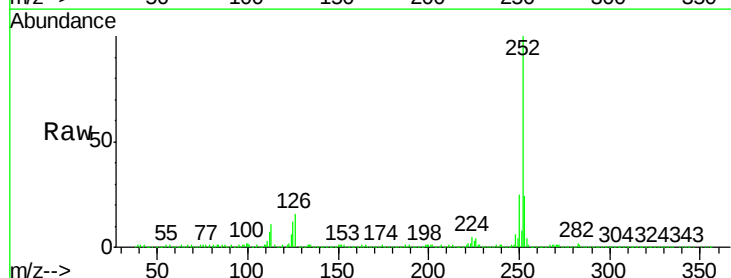
Instrument :
BNA_G
ClientSampleId :
K204-0-2

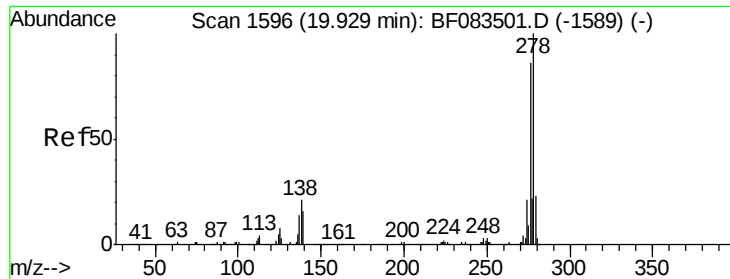
Tgt Ion:252 Resp: 1953898
Ion Ratio Lower Upper
252 100
253 23.1 18.6 27.8
125 12.0 11.5 17.3



#89
Benzo(a)pyrene
Concen: 66.08 ng
RT: 18.61 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF083544.D
Acq: 7 Dec 2015 5:49

Tgt Ion:252 Resp: 1110965
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 11.9 11.0 16.6





#90

Dibenzo(a,h)anthracene

Concen: 13.54 ng

RT: 19.92 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2

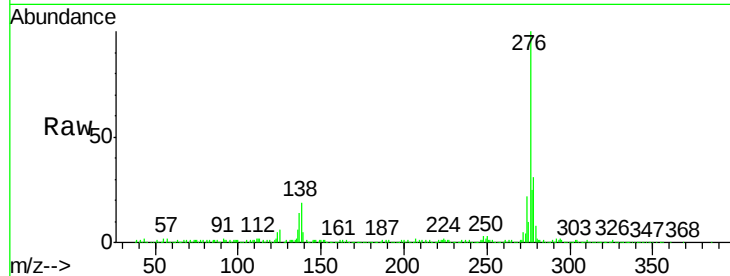
Tgt Ion:278 Resp: 219099

Ion Ratio Lower Upper

278 100

139 14.8 12.8 19.2

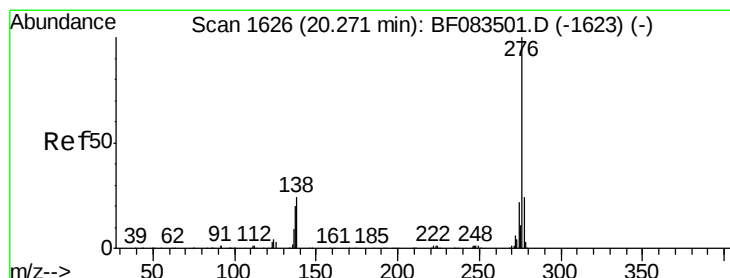
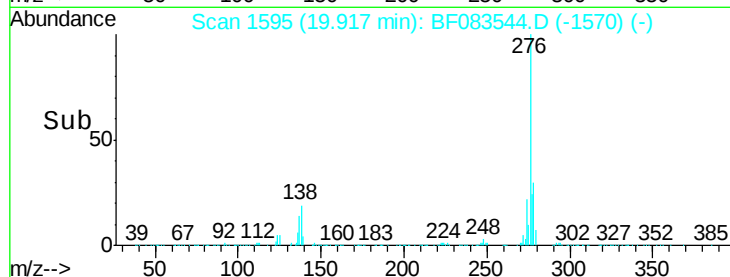
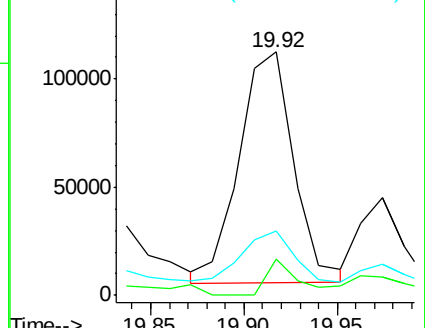
279 26.3 18.6 28.0



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: 47.79 ng

RT: 20.27 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BF083544.D

Acq: 7 Dec 2015 5:49

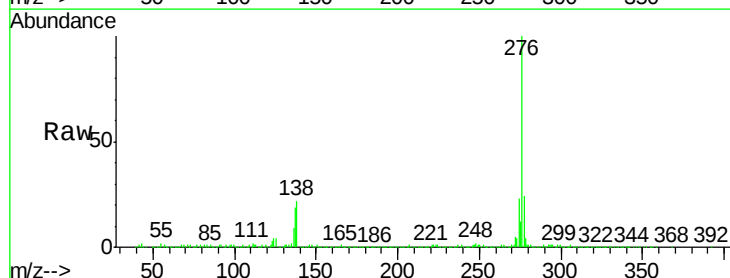
Tgt Ion:276 Resp: 779046

Ion Ratio Lower Upper

276 100

277 24.4 19.2 28.8

138 22.5 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

