

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096977.D
 Acq On : 22 Jul 2017 8:19
 Operator : SJ/JU
 Sample : I4363-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-4

Quant Time: Jul 24 14:16:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

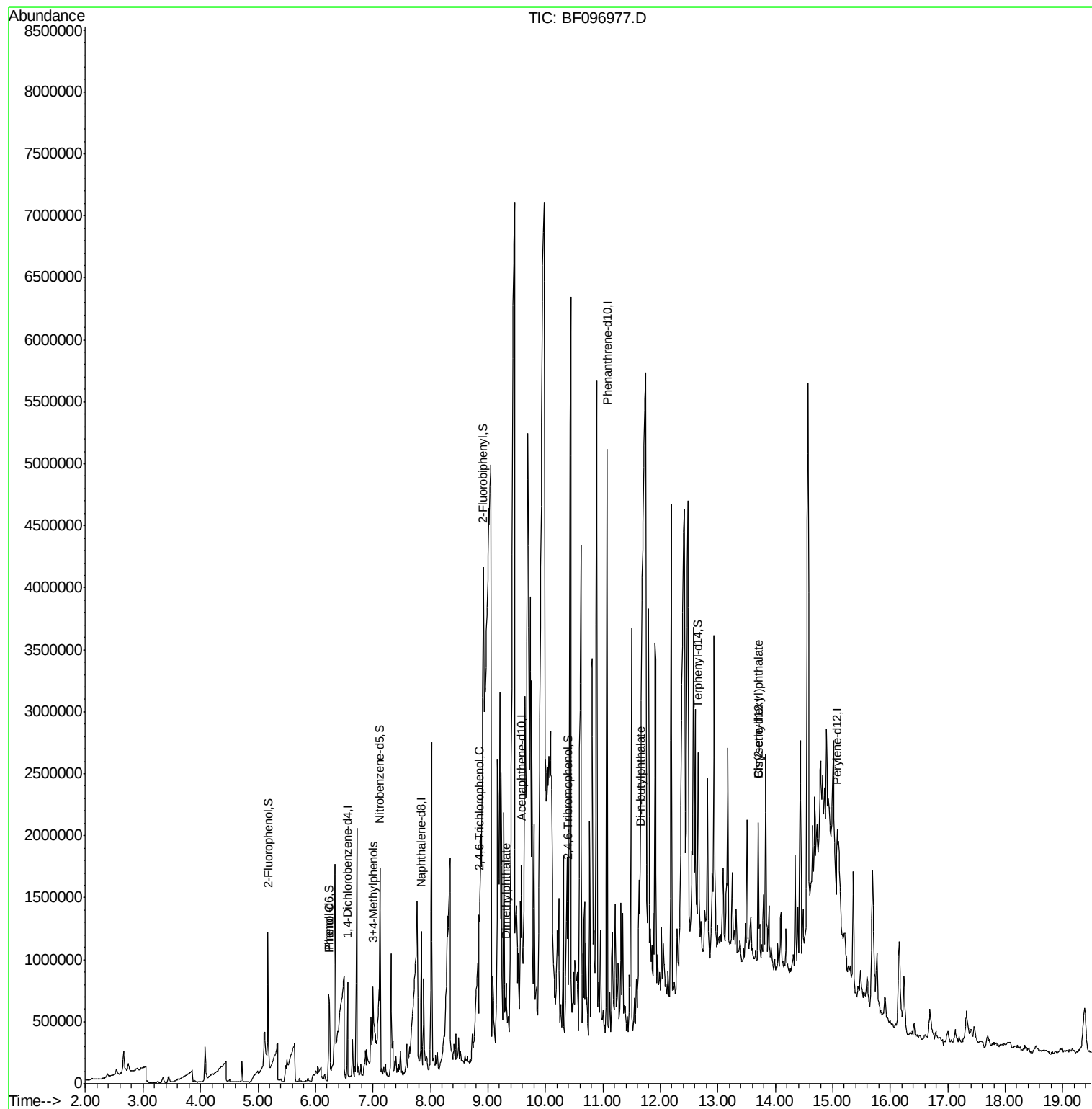
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	107627	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	372153	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	153199	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	143449	20.00	ng	-0.04
75) Chrysene-d12	13.70	240	193663	20.00	ng	-0.04
86) Perylene-d12	15.07	264	140089	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	270566	37.80	ng	-0.02
7) Phenol-d6	6.23	99	211791	24.66	ng	-0.02
23) Nitrobenzene-d5	7.12	82	473613	78.83	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	89912	68.76	ng	-0.03
44) 2-Fluorobiphenyl	8.92	172	765283	78.92	ng	-0.04
78) Terphenyl-d14	12.66	244	495920	44.41	ng	-0.04
Target Compounds						
10) Phenol	6.25	94	184502	19.000	ng	94
20) 3+4-Methylphenols	7.00	107	53751	7.376	ng	# 60
42) 2,4,6-Trichlorophenol	8.85	196	8933	2.924	ng	94
49) Dimethylphthalate	9.32	163	94749	8.214	ng	99
73) Di-n-butylphthalate	11.65	149	20907	2.198	ng	# 93
83) Bis(2-ethylhexyl)phthalate	13.70	149	196586	19.330	ng	# 100

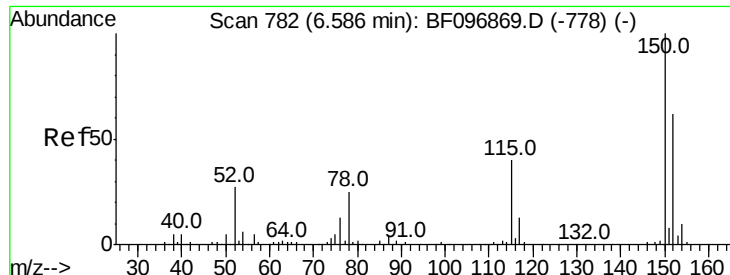
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.56 min Scan# 777

Delta R.T. -0.04 min

Lab File: BF096977.D

Acq: 22 Jul 2017 8:19

Instrument :

BNA_F

ClientSampleId :

B-COMB-4

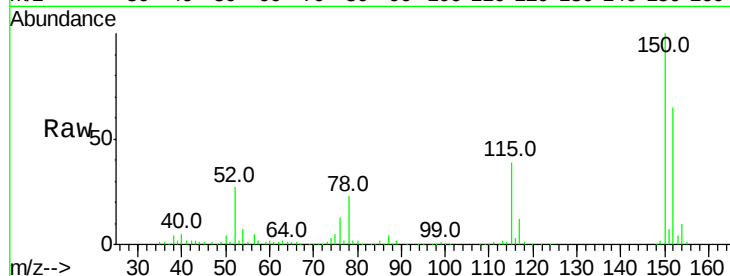
Tot Ion:152 Resp: 107627

Ion Ratio Lower Upper

152 100

150 153.6 126.2 189.2

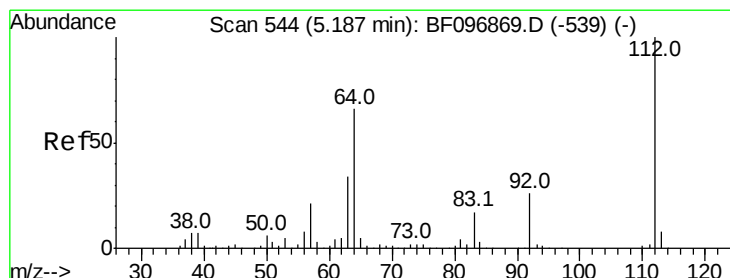
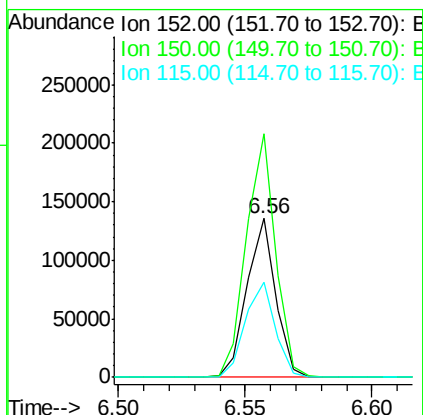
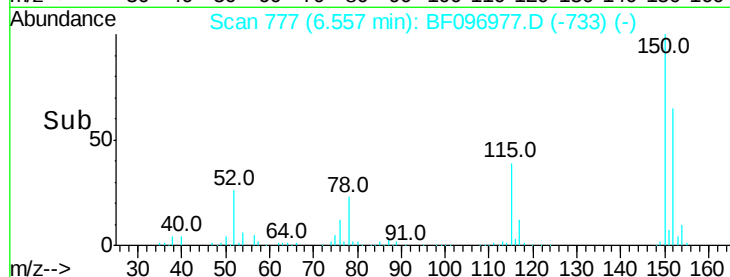
115 59.8 52.2 78.2



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: 37.799 ng

RT: 5.17 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF096977.D

Acq: 22 Jul 2017 8:19

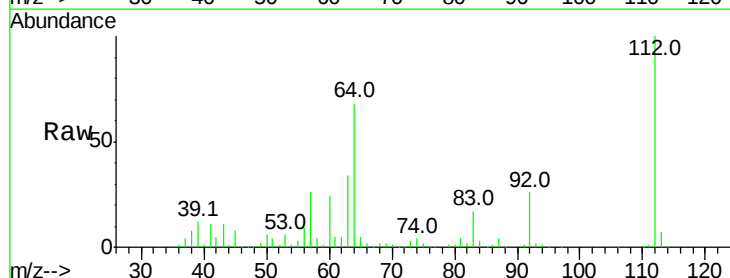
Tgt Ion:112 Resp: 270566

Ion Ratio Lower Upper

112 100

64 67.6 46.0 69.0

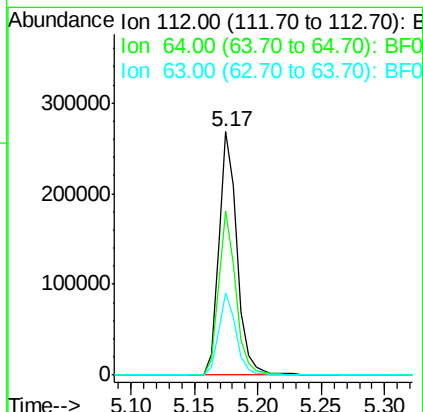
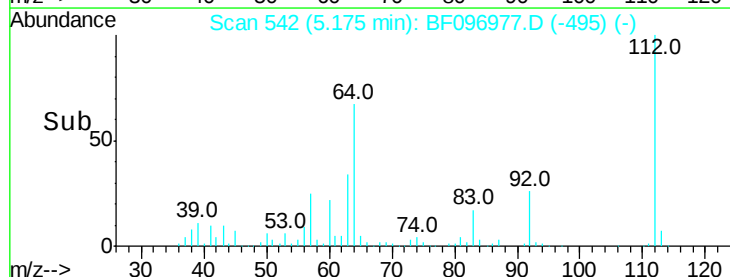
63 33.9 23.4 35.0

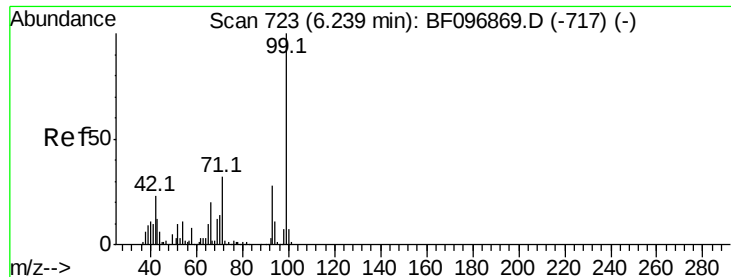


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.656 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096977.D

Acq: 22 Jul 2017 8:19

Instrument :

BNA_F

ClientSampled :

B-COMB-4

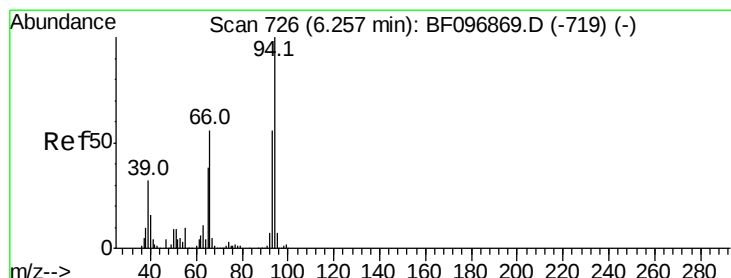
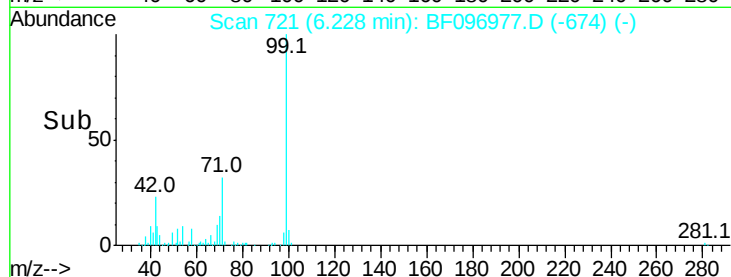
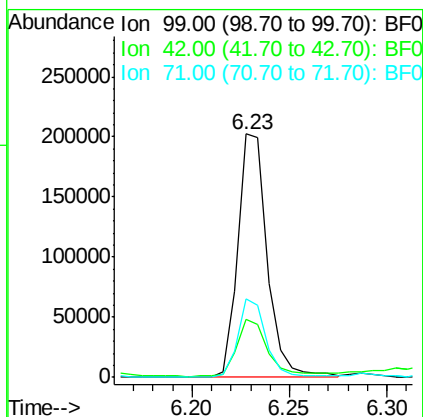
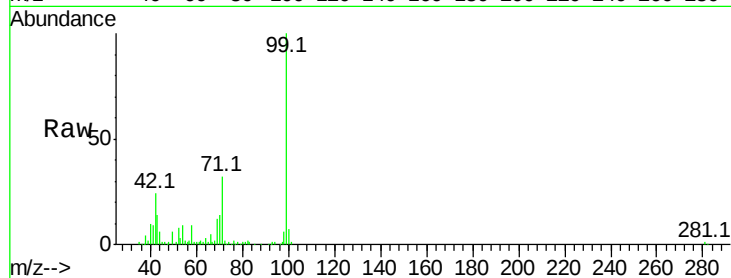
Tot Ion: 99 Resp: 211791

Ion Ratio Lower Upper

99 100

42 24.0 13.5 20.3#

71 32.0 24.5 36.7



#10

Phenol

Concen: 19.000 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF096977.D

Acq: 22 Jul 2017 8:19

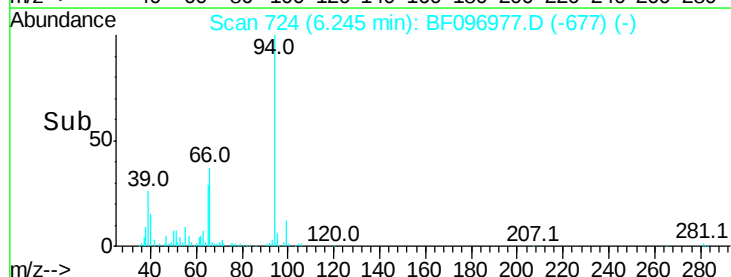
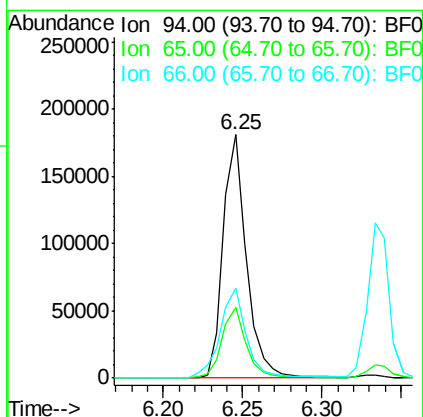
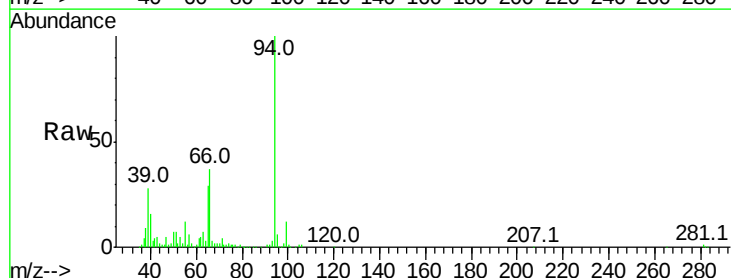
Tgt Ion: 94 Resp: 184502

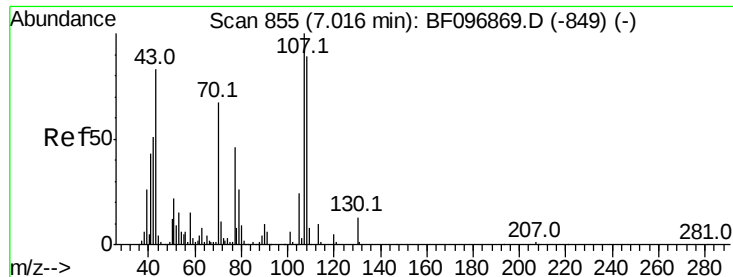
Ion Ratio Lower Upper

94 100

65 28.9 9.9 49.9

66 36.9 23.1 63.1





#20

3+4-Methylphenols

Concen: 7.376 ng

RT: 7.00 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF096977.D

Acq: 22 Jul 2017 8:19

Instrument :

BNA_F

ClientSampleId :

B-COMB-4

Tot Ion:107 Resp: 53751

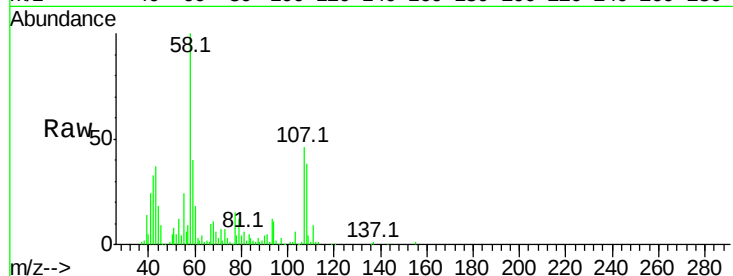
Ion Ratio Lower Upper

107 100

108 82.4 71.0 111.0

77 31.9 90.5 130.5#

79 26.9 8.4 48.4

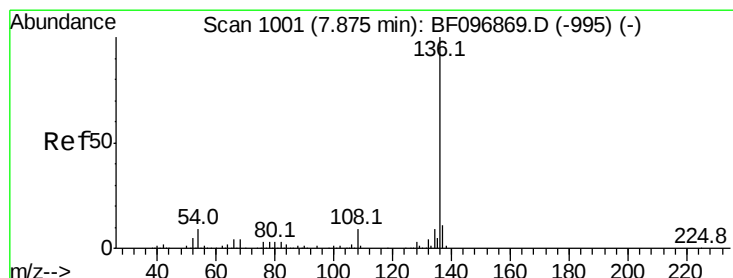
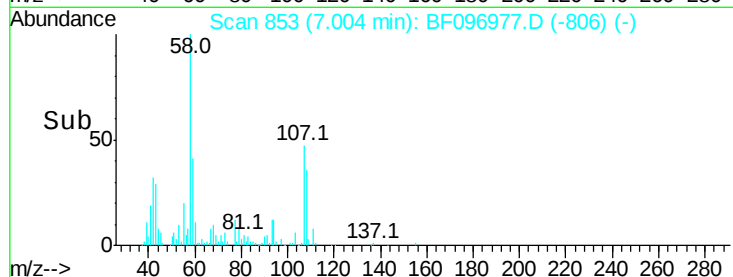
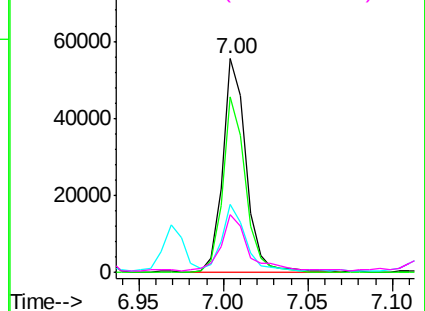


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.84 min Scan# 995

Delta R.T. -0.05 min

Lab File: BF096977.D

Acq: 22 Jul 2017 8:19

Tgt Ion:136 Resp: 372153

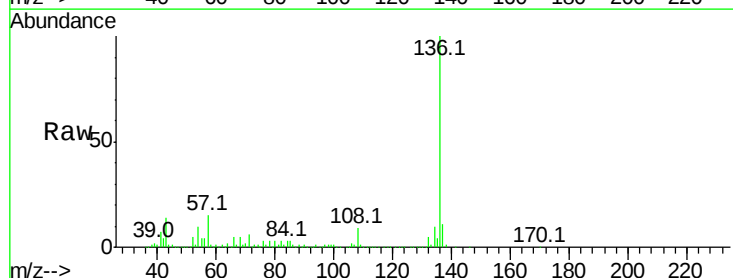
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 10.3 4.9 7.3#

68 5.0 4.1 6.1

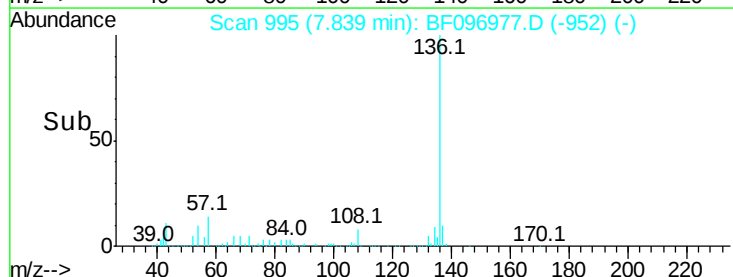
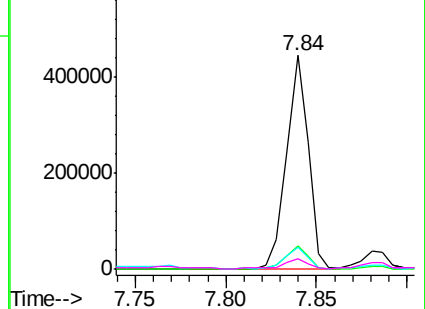


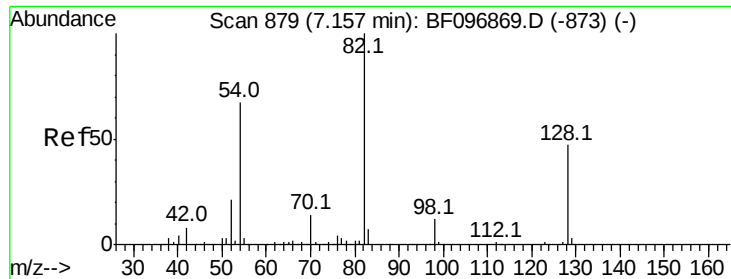
Abundance Ion 136.00 (135.70 to 136.70): E

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

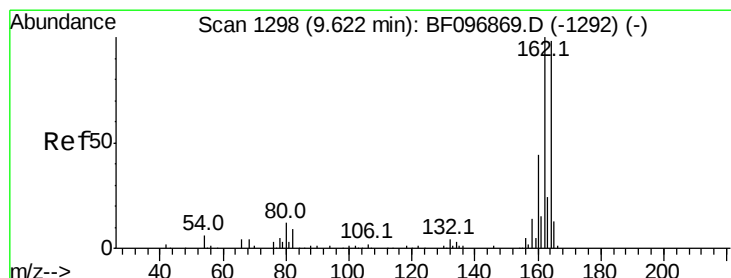
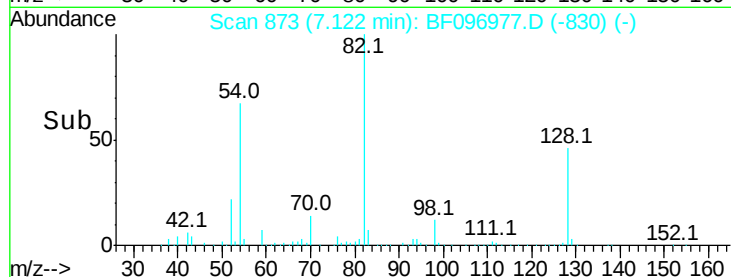
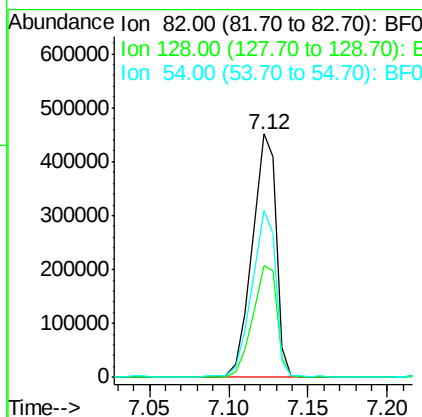
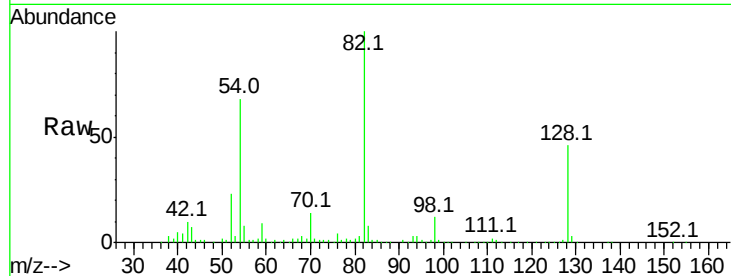




#23
Nitrobenzene-d5
Concen: 78.828 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF096977.D
Acq: 22 Jul 2017 8:19

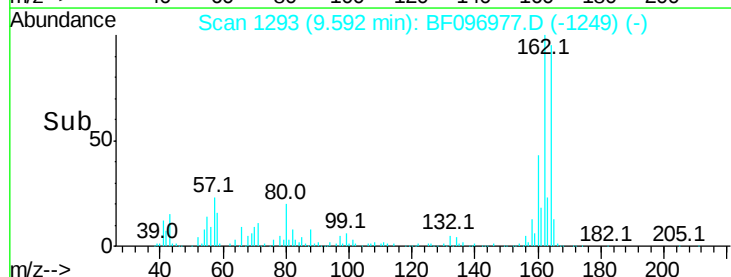
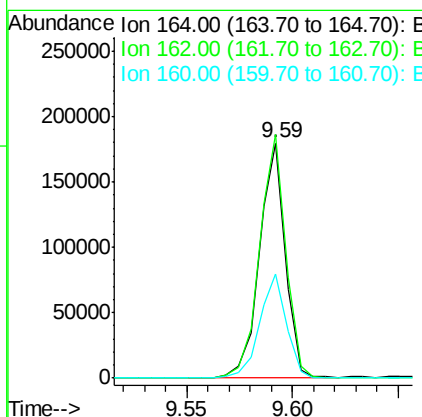
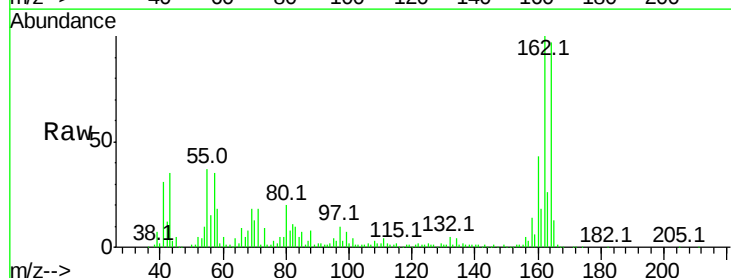
Instrument :
BNA_F
ClientSampleId :
B-COMB-4

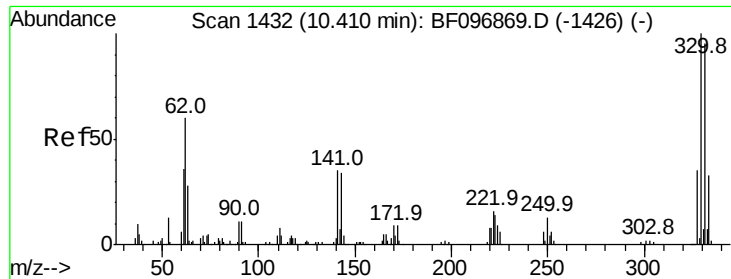
Tot Ion: 82 Resp: 473613
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 68.5 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.59 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BF096977.D
Acq: 22 Jul 2017 8:19

Tgt Ion:164 Resp: 153199
Ion Ratio Lower Upper
164 100
162 103.6 82.6 123.8
160 44.5 36.2 54.2

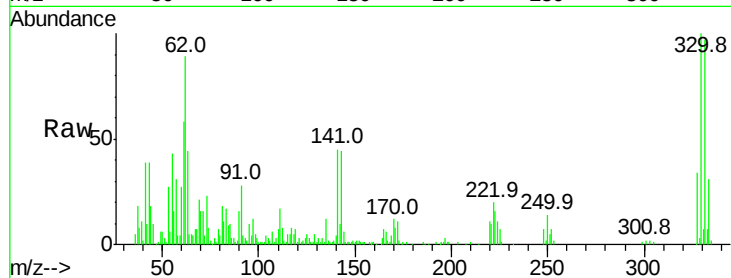




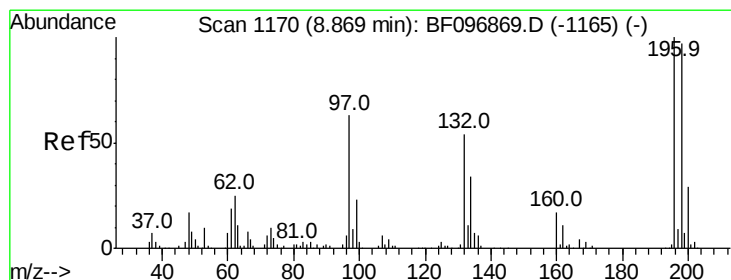
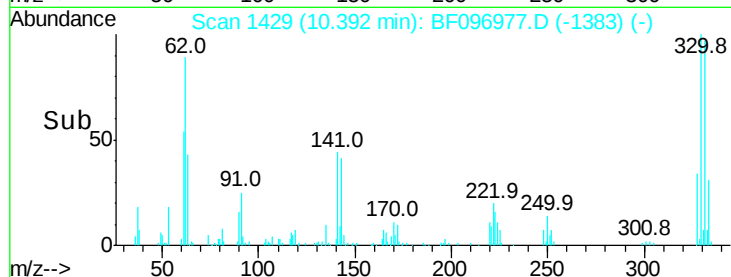
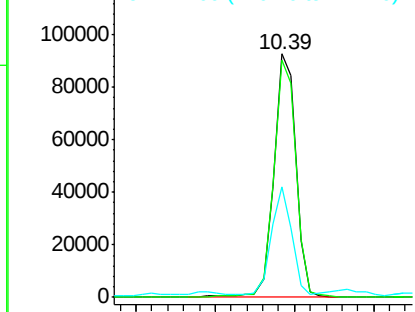
#41
 2,4,6-Tribromophenol
 Concen: 68.757 ng
 RT: 10.39 min Scan# 1429
 Delta R.T. -0.03 min
 Lab File: BF096977.D
 Acq: 22 Jul 2017 8:19

Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-4

Tot Ion:330 Resp: 89912
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 115.0
 141 41.9 31.4 47.2

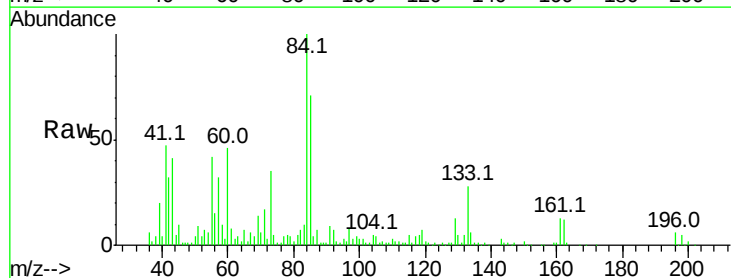


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

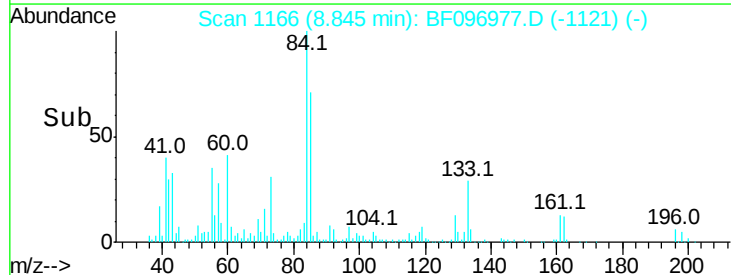
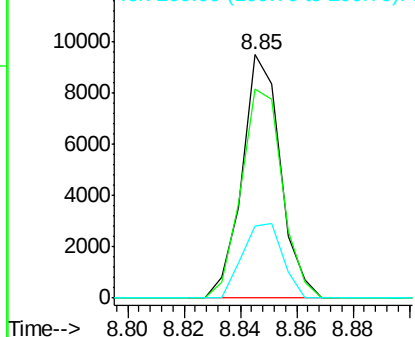


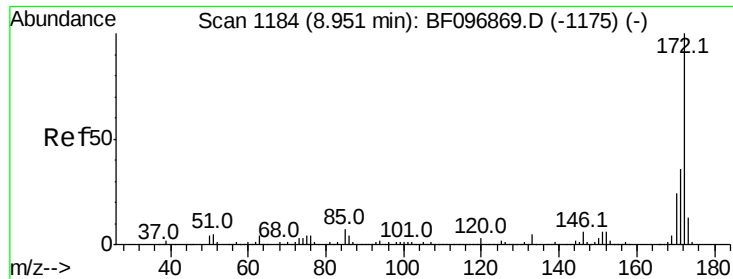
#42
 2,4,6-Trichlorophenol
 Concen: 2.924 ng
 RT: 8.85 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF096977.D
 Acq: 22 Jul 2017 8:19

Tgt Ion:196 Resp: 8933
 Ion Ratio Lower Upper
 196 100
 198 85.9 74.2 111.4
 200 29.4 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

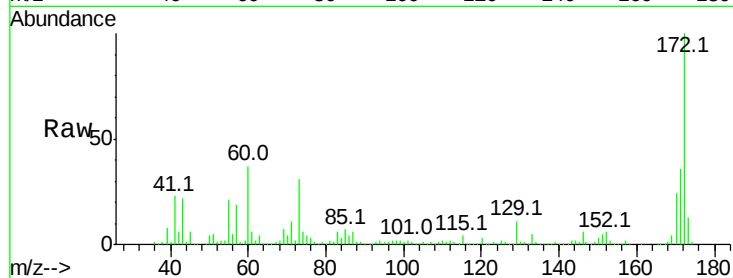




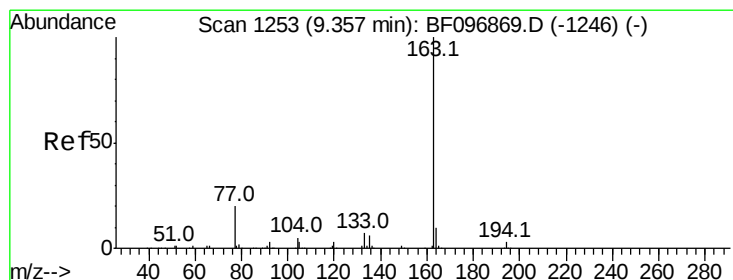
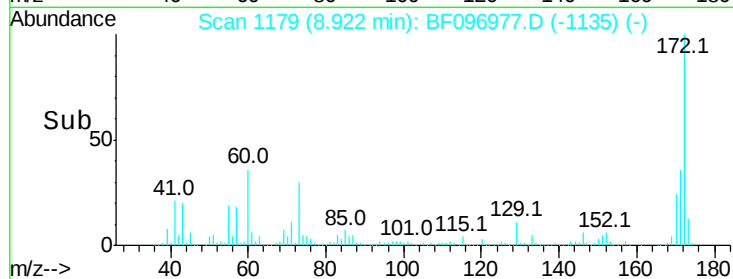
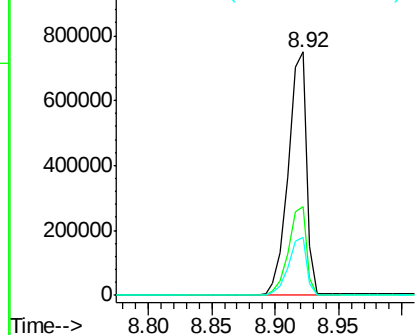
#44
 2-Fluorobiphenyl
 Concen: 78.923 ng
 RT: 8.92 min Scan# 1179
 Delta R.T. -0.04 min
 Lab File: BF096977.D
 Acq: 22 Jul 2017 8:19

Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-4

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	19.8	29.8

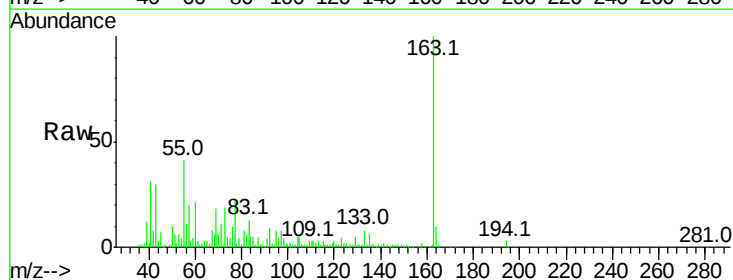


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

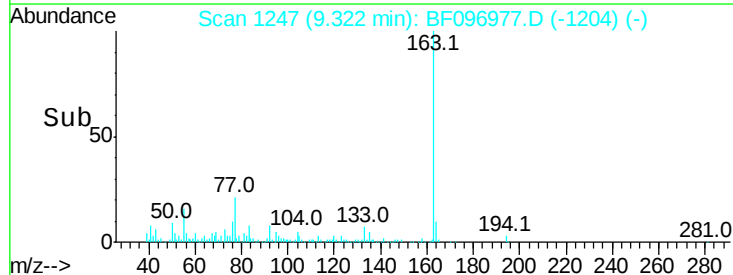
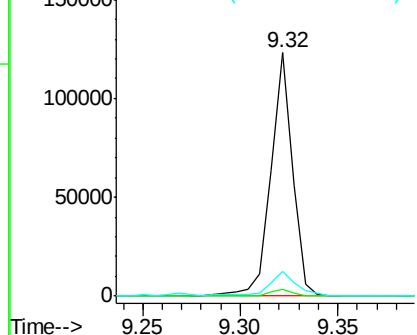


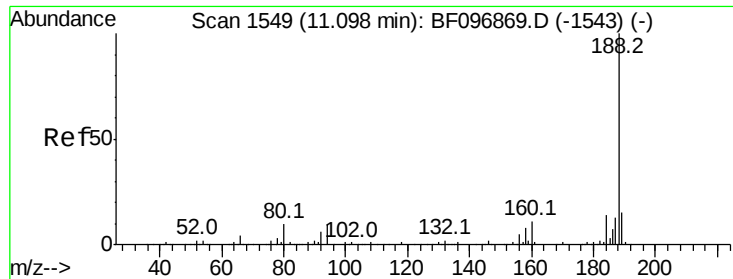
#49
 Dimethylphthalate
 Concen: 8.214 ng
 RT: 9.32 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF096977.D
 Acq: 22 Jul 2017 8:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.4	8.4	12.6



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

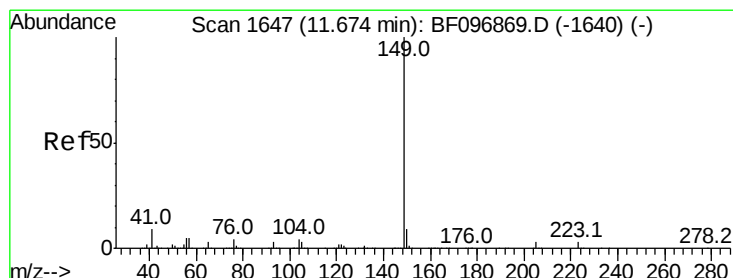
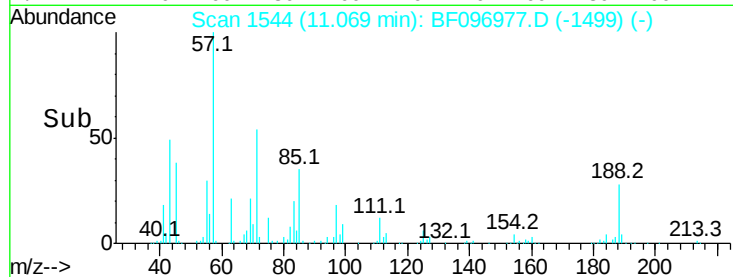
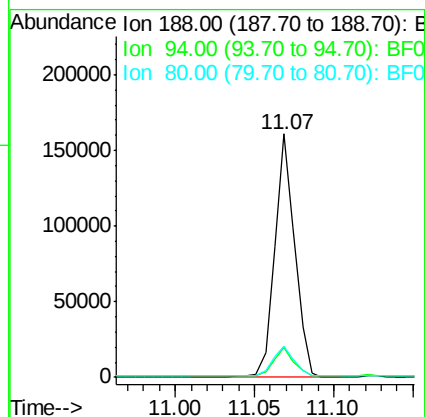
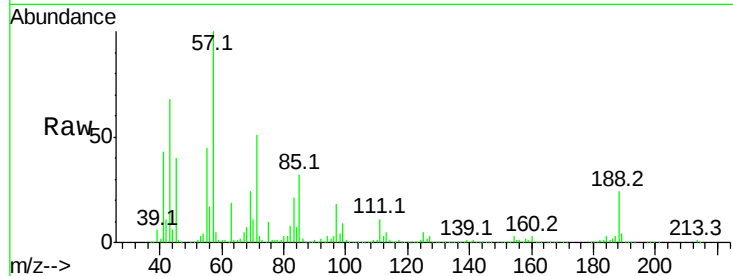




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.07 min Scan# 1544
Delta R.T. -0.04 min
Lab File: BF096977.D
Acq: 22 Jul 2017 8:19

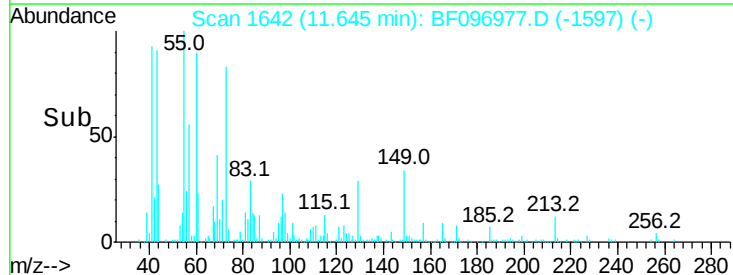
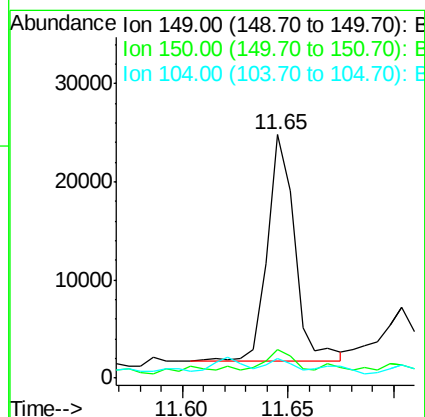
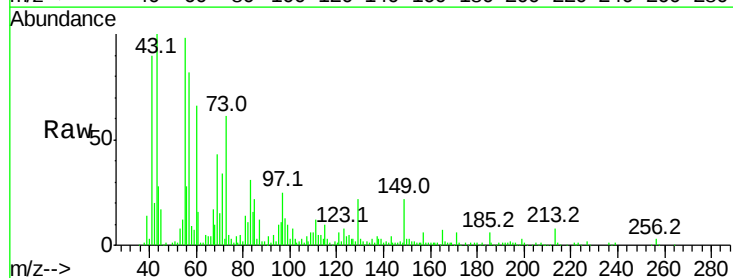
Instrument :
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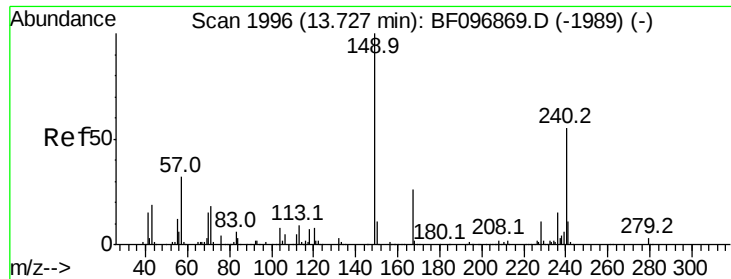
Tot Ion:188 Resp: 143449
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 12.7 10.2 15.2



#73
Di-n-butylphthalate
Concen: 2.198 ng
RT: 11.65 min Scan# 1642
Delta R.T. -0.04 min
Lab File: BF096977.D
Acq: 22 Jul 2017 8:19

Tgt Ion:149 Resp: 20907
Ion Ratio Lower Upper
149 100
150 11.5 7.7 11.5
104 8.2 4.0 6.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.70 min Scan# 1991

Delta R.T. -0.04 min

Lab File: BF096977.D

Acq: 22 Jul 2017 8:19

Instrument :

BNA_F

ClientSampleId :

B-COMB-4

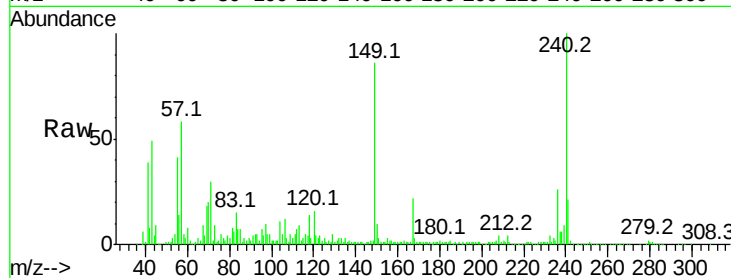
Tot Ion:240 Resp: 193663

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

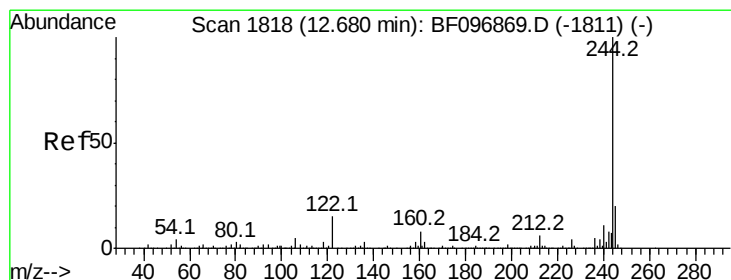
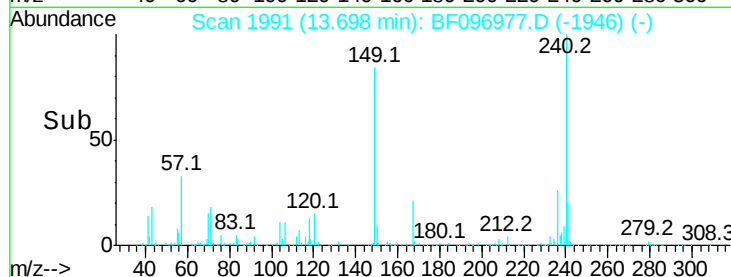
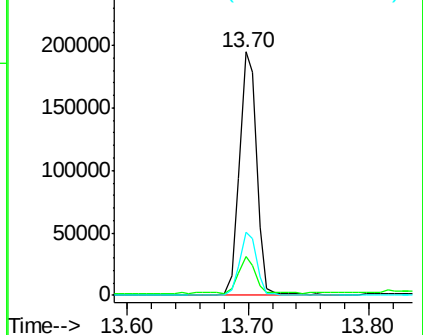
236 26.2 20.5 30.7



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



#78

Terphenyl-d14

Concen: 44.410 ng

RT: 12.66 min Scan# 1814

Delta R.T. -0.04 min

Lab File: BF096977.D

Acq: 22 Jul 2017 8:19

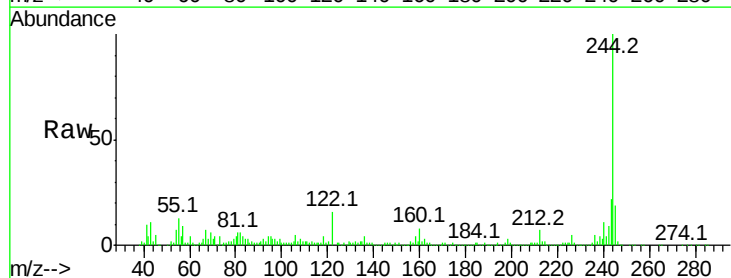
Tgt Ion:244 Resp: 495920

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

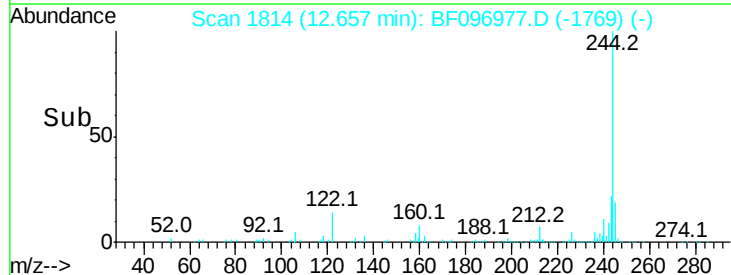
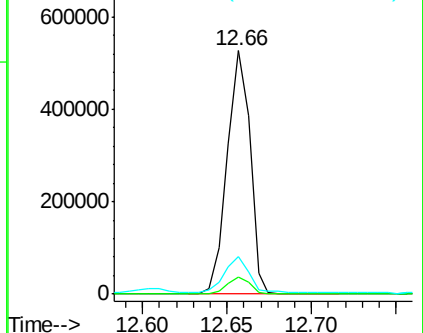
122 15.6 10.3 15.5#

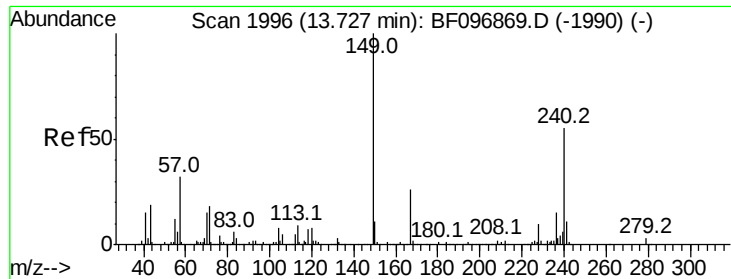


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 19.330 ng

RT: 13.70 min Scan# 1992

Delta R.T. -0.03 min

Lab File: BF096977.D

Acq: 22 Jul 2017 8:19

Instrument :

BNA_F

ClientSampleId :

B-COMB-4

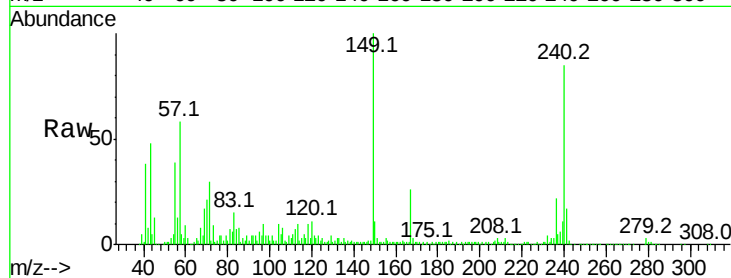
Tot Ion:149 Resp: 196586

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

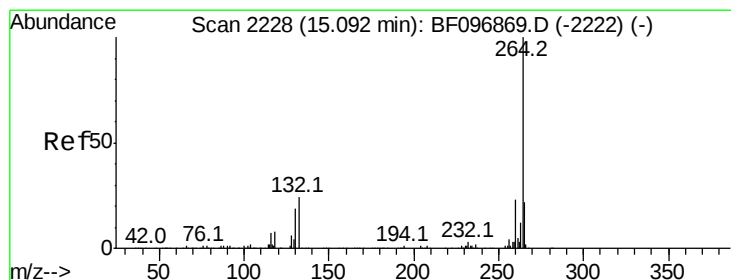
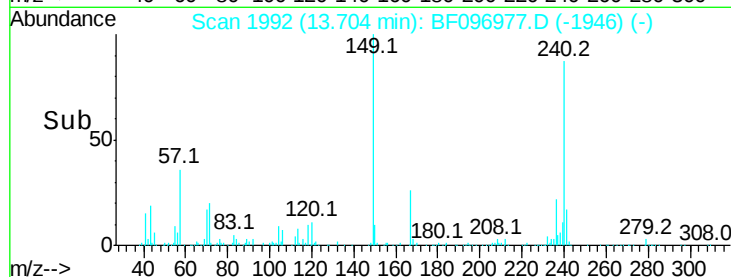
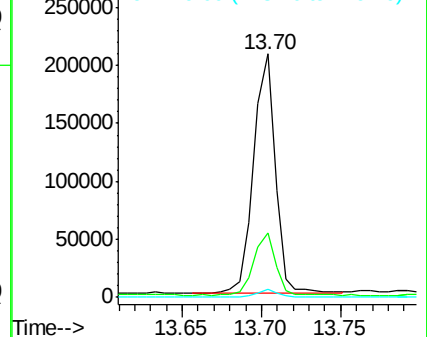
279 3.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.07 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BF096977.D

Acq: 22 Jul 2017 8:19

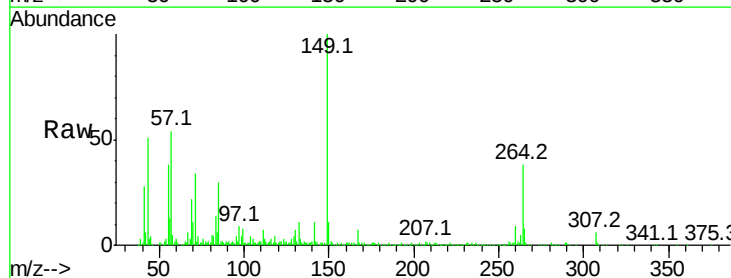
Tgt Ion:264 Resp: 140089

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

