

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096462.D
 Acq On : 4 Jul 2017 2:19
 Operator : SJ/MA
 Sample : I4029-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 03:48:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

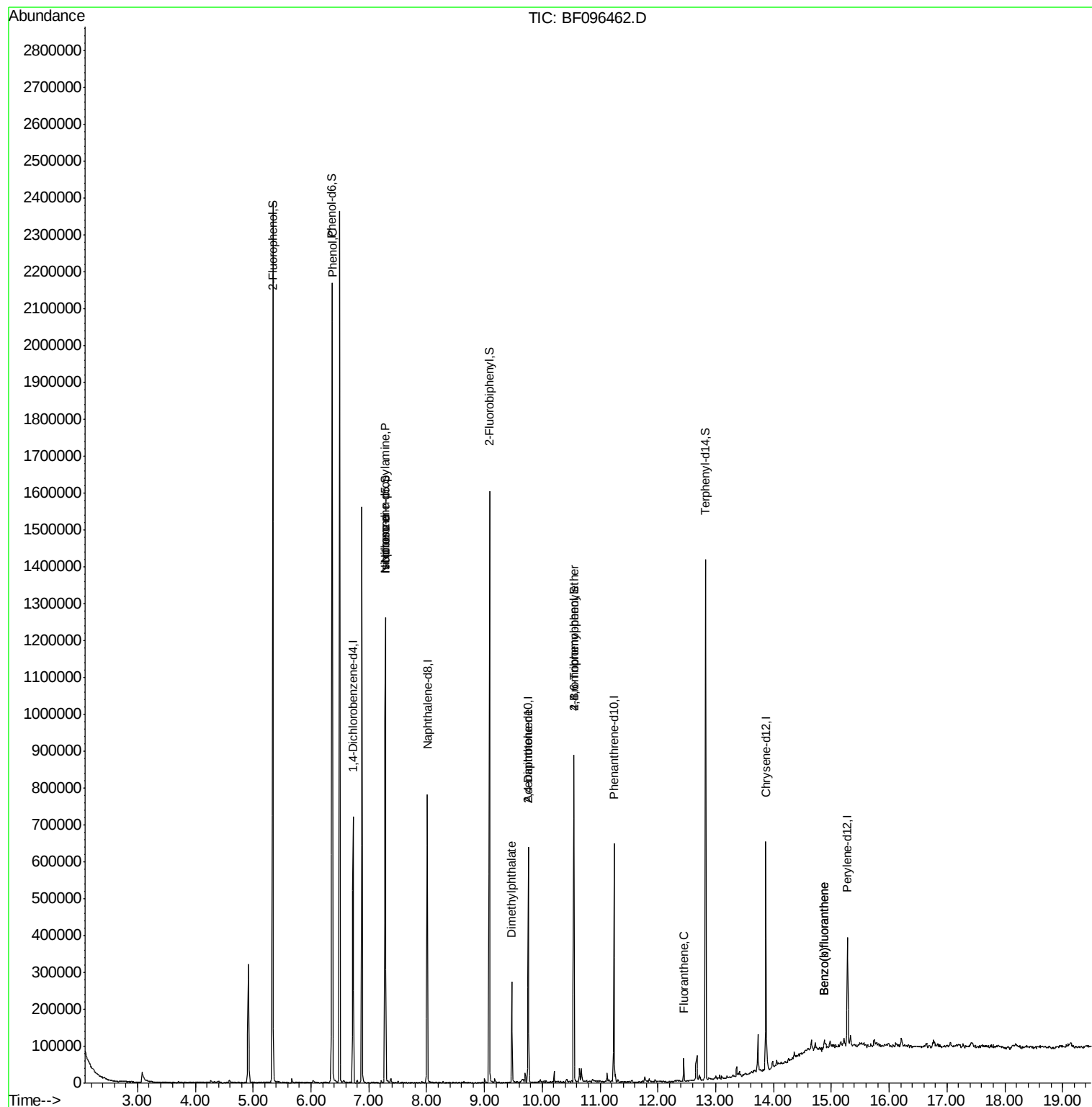
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	97629	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	344970	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	124276	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	216678	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	188343	20.00	ng	-0.01
86) Perylene-d12	15.28	264	122215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	673323	101.79	ng	0.00
7) Phenol-d6	6.36	99	778977	95.79	ng	-0.01
23) Nitrobenzene-d5	7.29	82	349132	60.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	93952	96.78	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	526123	72.38	ng	-0.01
78) Terphenyl-d14	12.82	244	451134	51.18	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	42907	4.63	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.29	70	45295	9.35	ng	# 86
25) Isophorone	7.29	82	347891	31.25	ng	# 67
49) Dimethylphthalate	9.47	163	97624	10.52	ng	99
56) 2,4-Dinitrotoluene	9.76	165	16333	6.29	ng	# 31
66) 4-Bromophenyl-phenylether	10.55	248	6425	3.05	ng	# 1
74) Fluoranthene	12.45	202	24896	2.17	ng	98
87) Benzo(b)fluoranthene	14.88	252	15328	2.00	ng	# 83
88) Benzo(k)fluoranthene	14.88	252	15328	2.24	ng	# 87

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

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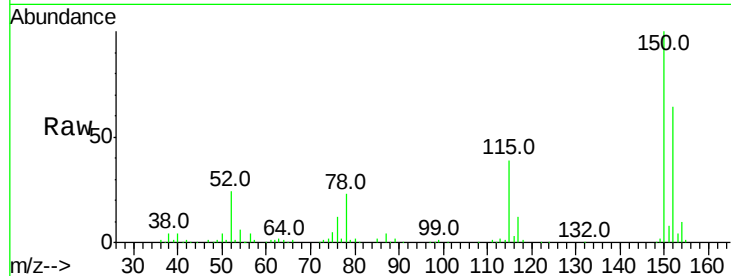


#1

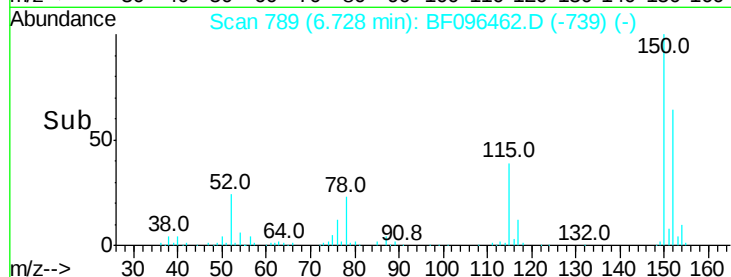
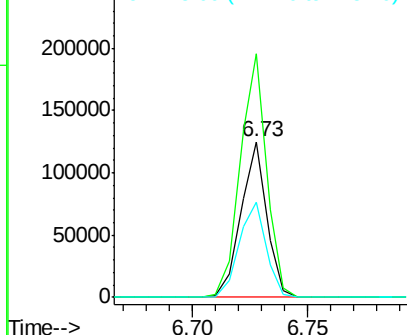
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF096462.D
 Acq: 4 Jul 2017 2:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 97629
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.2 189.2
 115 61.1 52.2 78.2



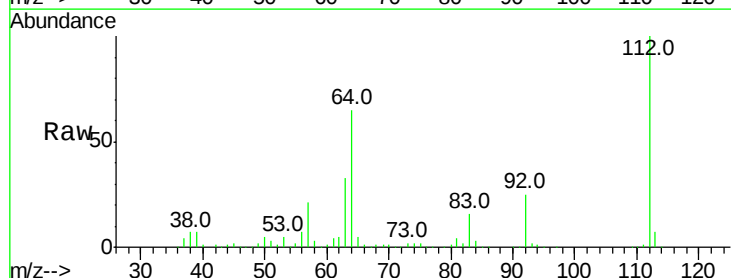
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



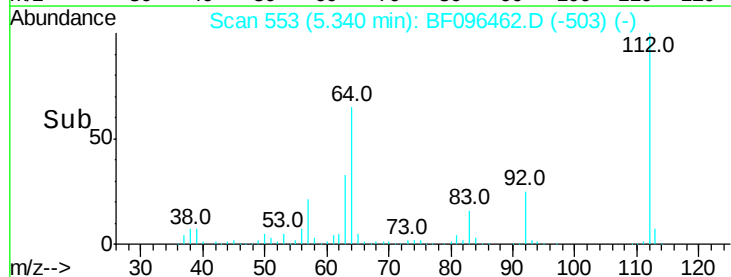
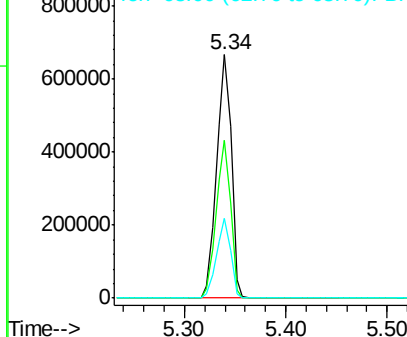
#5

2-Fluorophenol
 Concen: 101.79 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF096462.D
 Acq: 4 Jul 2017 2:19

Tgt Ion:112 Resp: 673323
 Ion Ratio Lower Upper
 112 100
 64 64.8 46.0 69.0
 63 32.8 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: 95.79 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096462.D

Acq: 4 Jul 2017 2:19

Instrument :

BNA_F

ClientSampled :

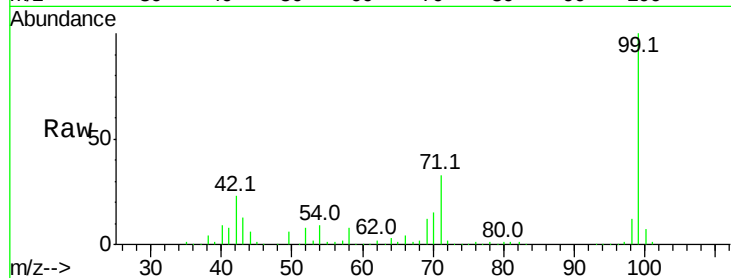
Tot Ion: 99 Resp: 778977

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

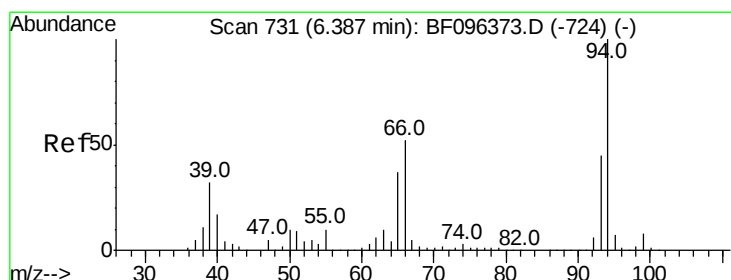
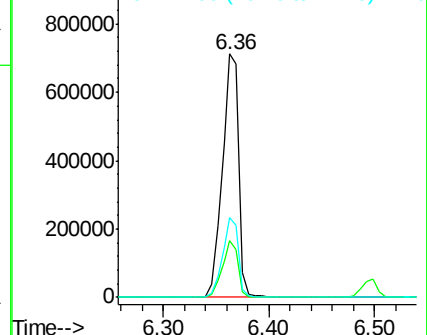
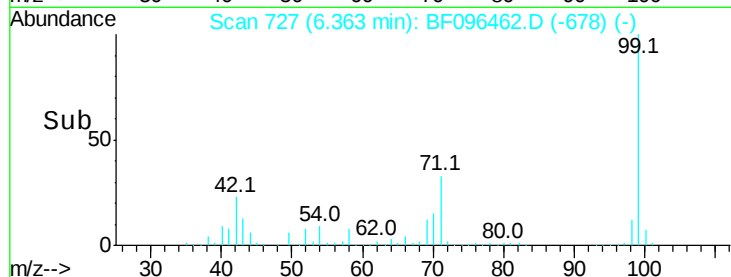
71 32.5 24.5 36.7



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: 4.63 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096462.D

Acq: 4 Jul 2017 2:19

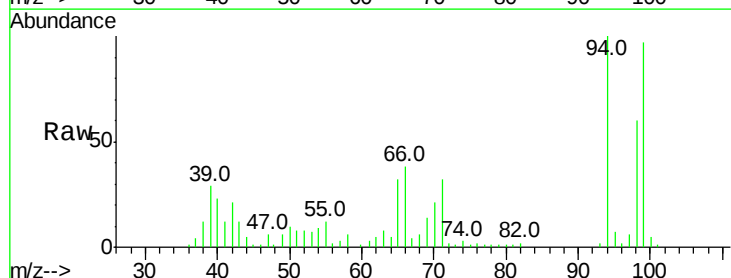
Tgt Ion: 94 Resp: 42907

Ion Ratio Lower Upper

94 100

65 31.9 9.9 49.9

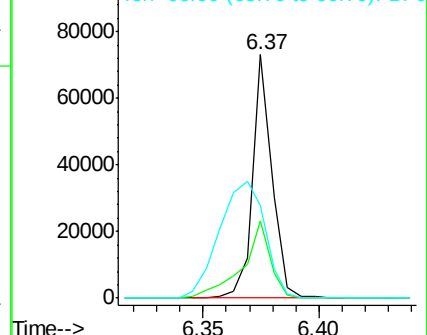
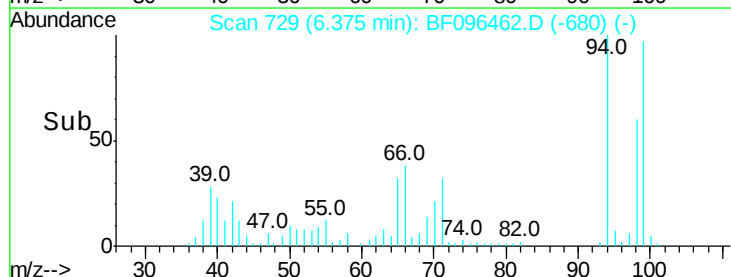
66 38.1 23.1 63.1

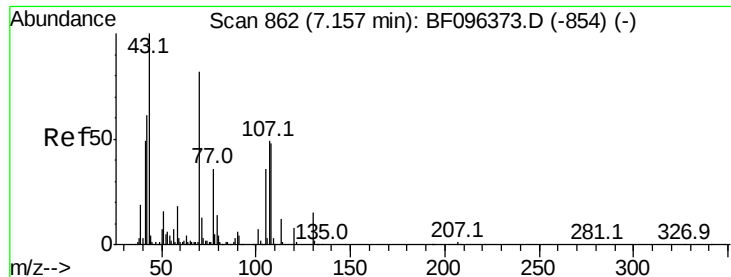


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

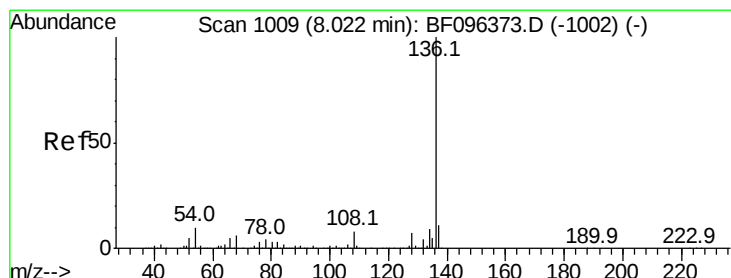
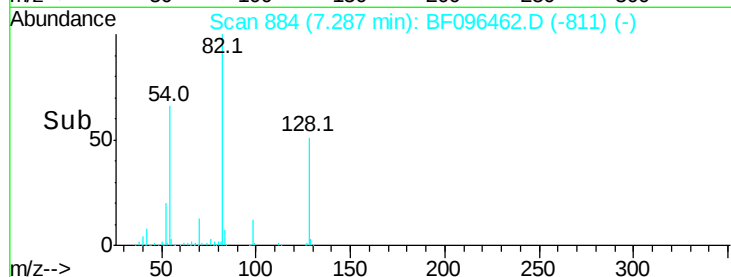
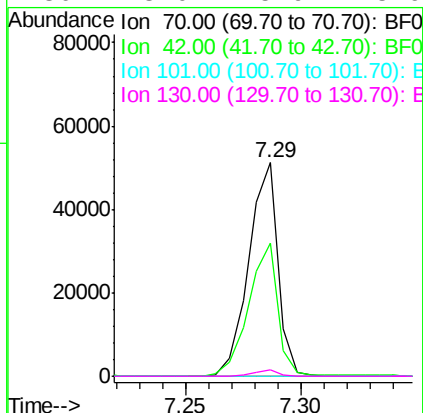
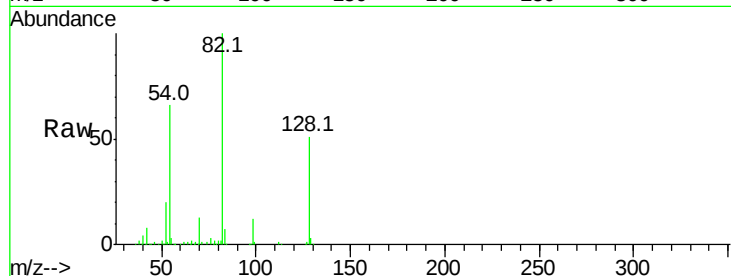




#19
 n-Nitroso-di-n-propylamine
 Concen: 9.35 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.13 min
 Lab File: BF096462.D
 Acq: 4 Jul 2017 2:19

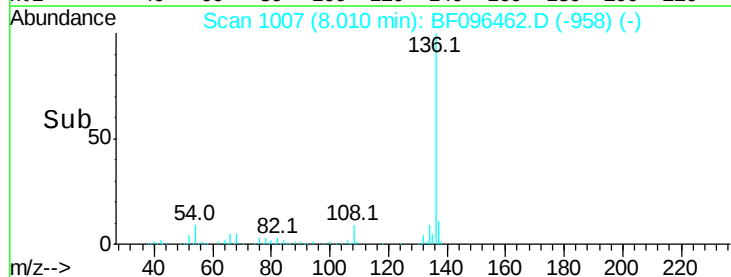
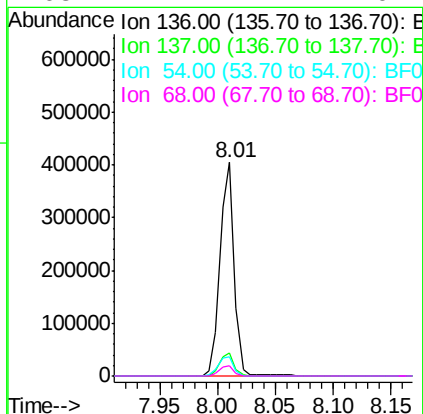
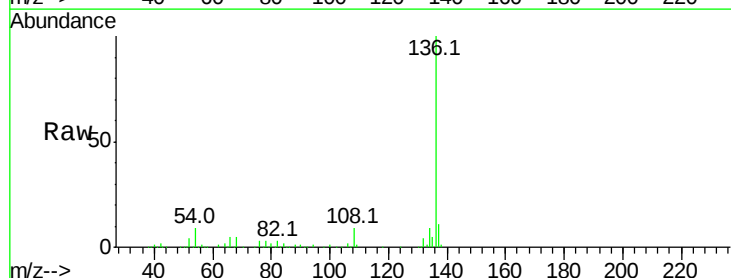
Instrument :
 BNA_F
 ClientSampled :

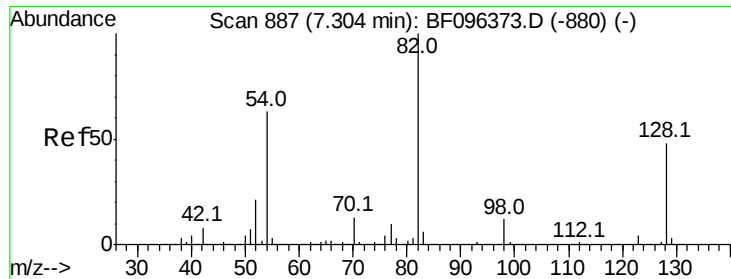
Tot Ion: 70 Resp: 45295
 Ion Ratio Lower Upper
 70 100
 42 62.1 47.2 70.8
 101 0.0 7.2 10.8#
 130 3.0 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF096462.D
 Acq: 4 Jul 2017 2:19

Tgt Ion: 136 Resp: 344970
 Ion Ratio Lower Upper
 136 100
 137 10.5 8.5 12.7
 54 9.2 4.9 7.3#
 68 4.7 4.1 6.1

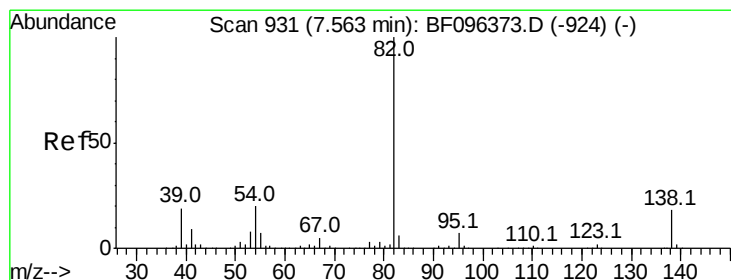
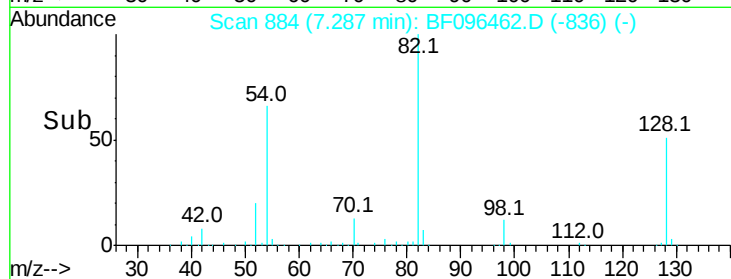
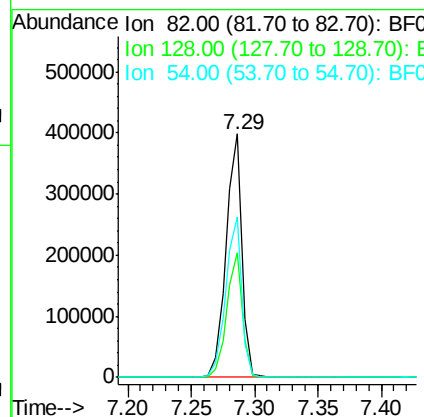
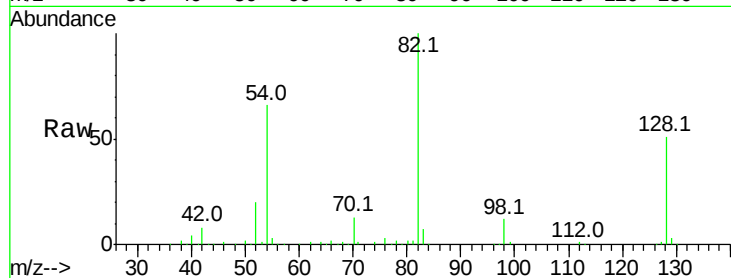




#23
 Nitrobenzene-d5
 Concen: 60.82 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096462.D
 Acq: 4 Jul 2017 2:19

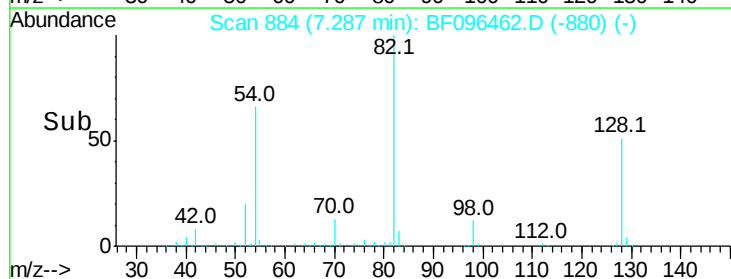
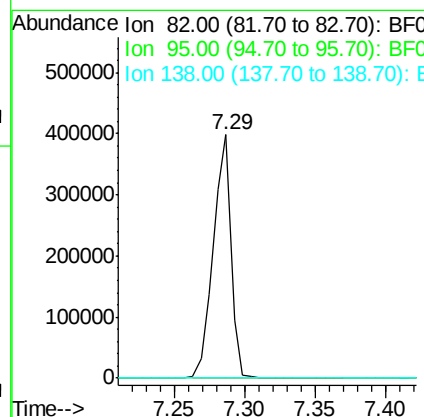
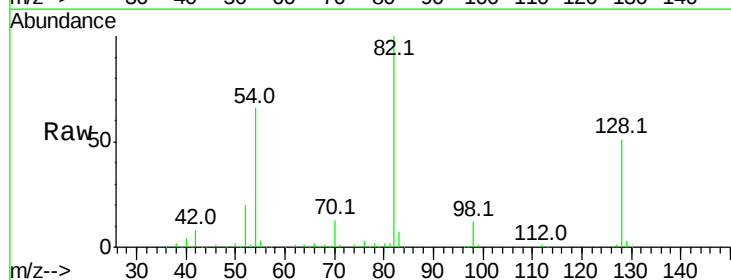
Instrument :
 BNA_F
 ClientSampleId :

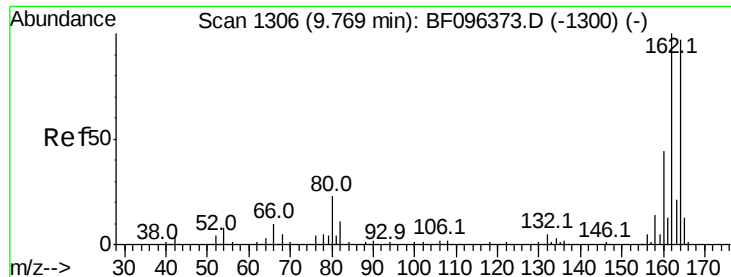
Tot Ion	82	Resp	349132
Ion Ratio	100	Lower	Upper
128	51.1	34.0	51.0#
54	65.6	42.2	63.2#



#25
 Isophorone
 Concen: 31.25 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.28 min
 Lab File: BF096462.D
 Acq: 4 Jul 2017 2:19

Tgt Ion	82	Resp	347891
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

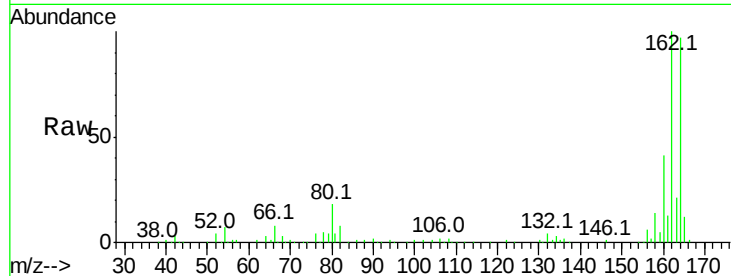




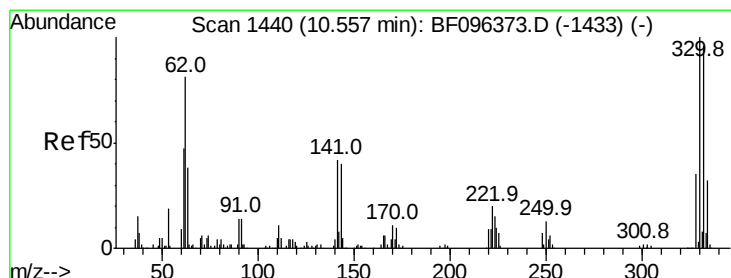
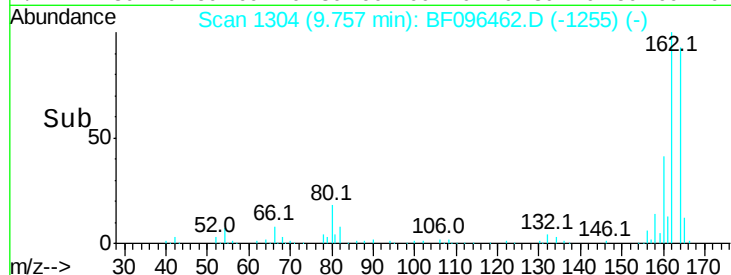
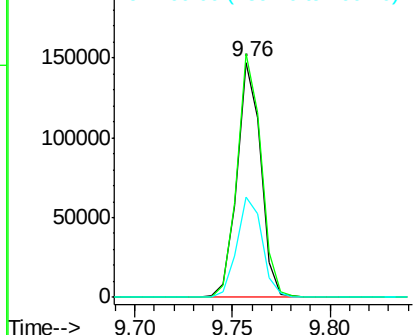
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF096462.D
Acq: 4 Jul 2017 2:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 124276
Ion Ratio Lower Upper
164 100
162 103.6 82.6 123.8
160 42.7 36.2 54.2

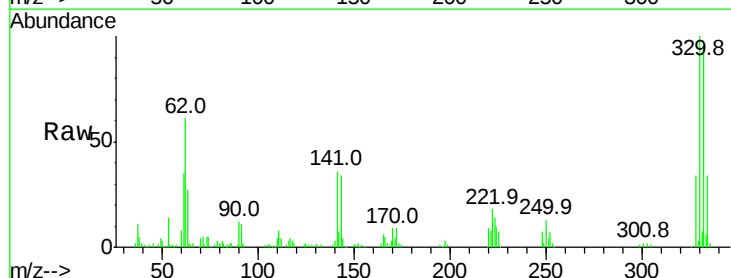


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

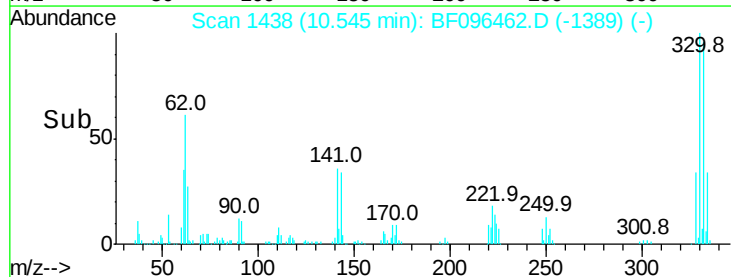
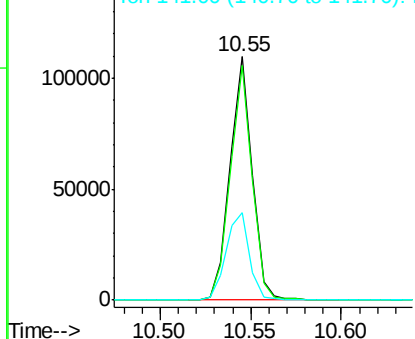


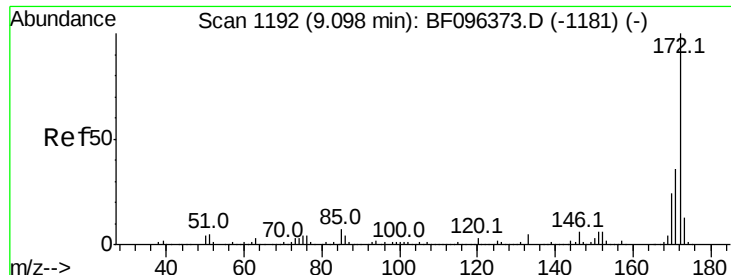
#41
2,4,6-Tribromophenol
Concen: 96.78 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF096462.D
Acq: 4 Jul 2017 2:19

Tgt Ion:330 Resp: 93952
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 37.5 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

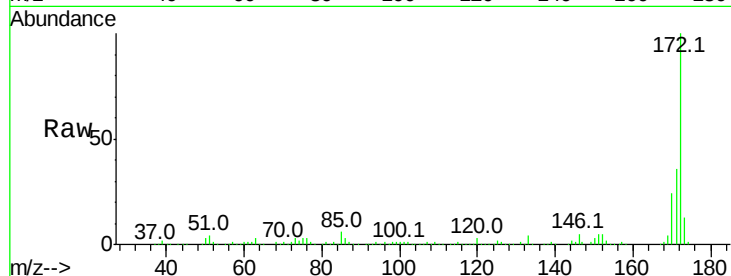




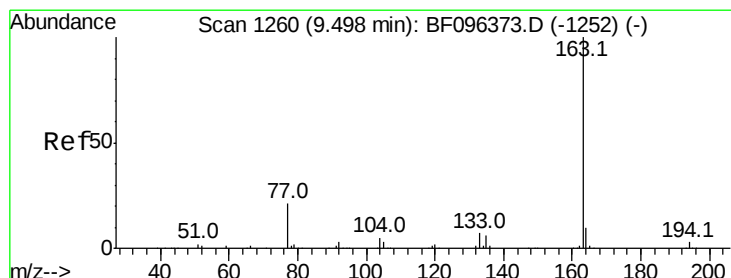
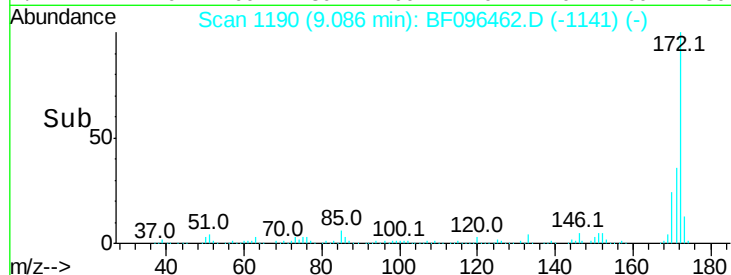
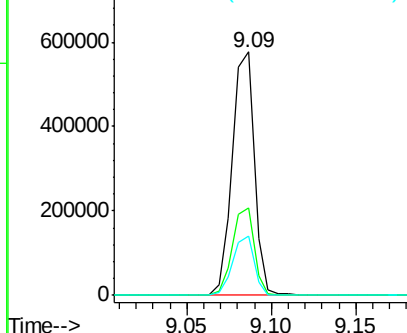
#44
2-Fluorobiphenyl
Concen: 72.38 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF096462.D
Acq: 4 Jul 2017 2:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.2	19.8	29.8

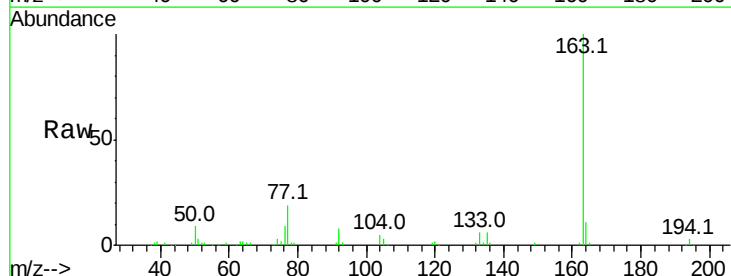


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

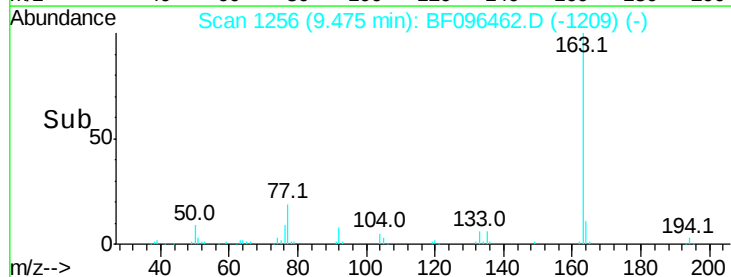
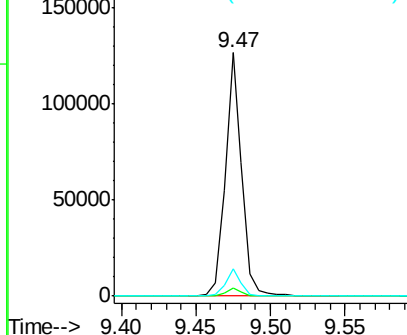


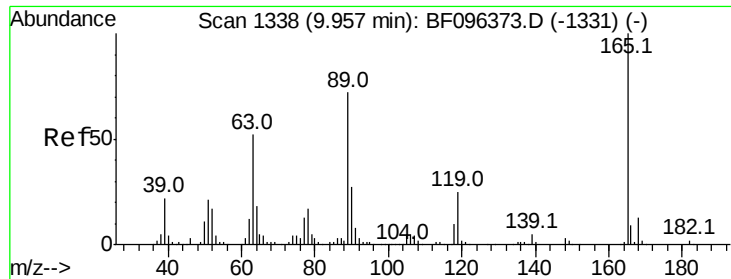
#49
Dimethylphthalate
Concen: 10.52 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF096462.D
Acq: 4 Jul 2017 2:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	11.1	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

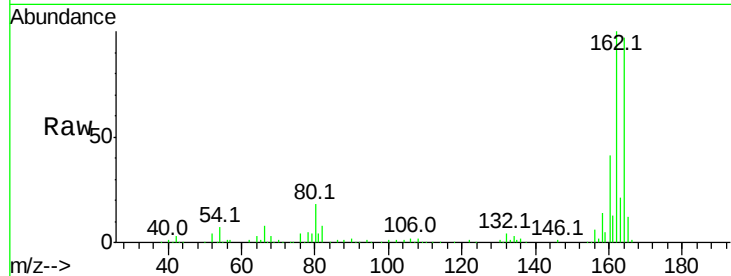




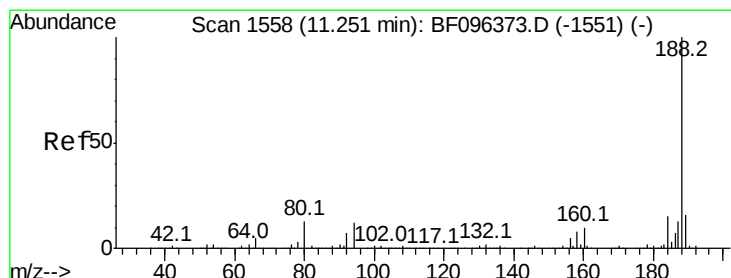
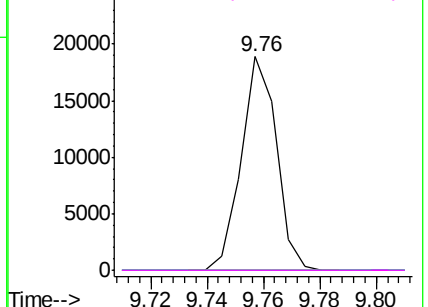
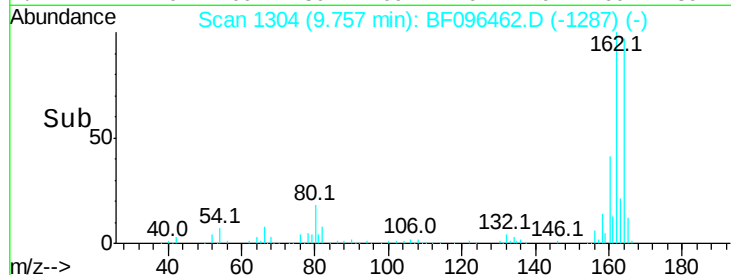
#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.20 min
 Lab File: BF096462.D
 Acq: 4 Jul 2017 2:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 16333
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#

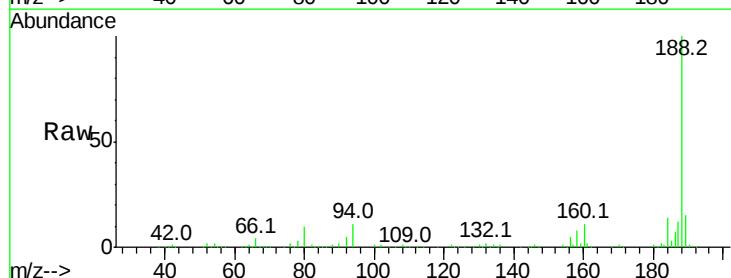


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.30): BF0
 Ion 89.00 (88.70 to 89.30): BF0
 Ion 182.00 (181.70 to 182.30): E

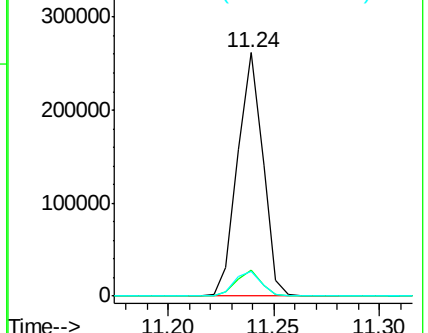
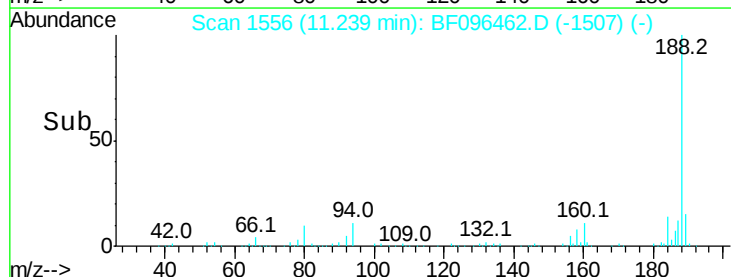


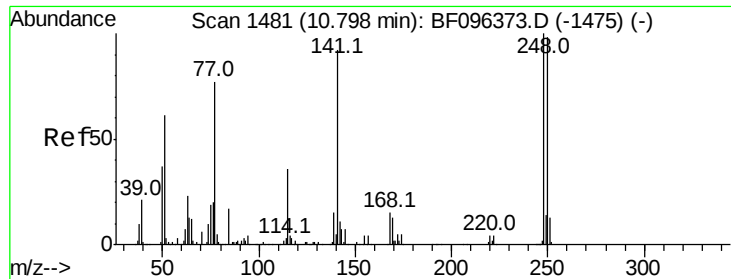
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF096462.D
 Acq: 4 Jul 2017 2:19

Tgt Ion:188 Resp: 216678
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 10.3 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.30): E
 Ion 94.00 (93.70 to 94.30): BF0
 Ion 80.00 (79.70 to 80.30): BF0

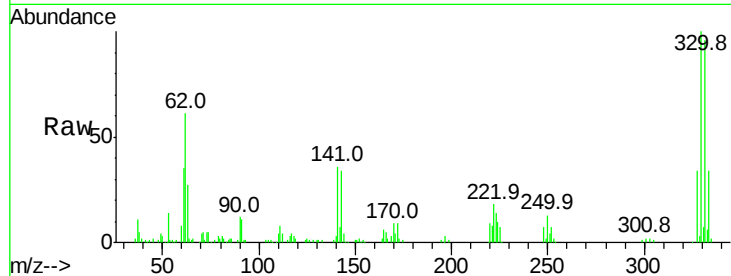




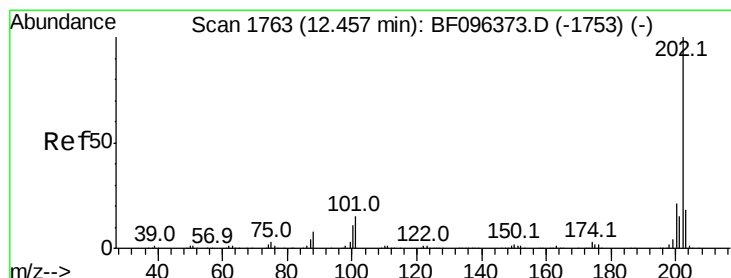
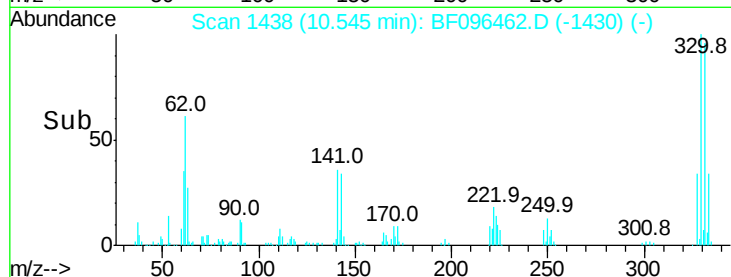
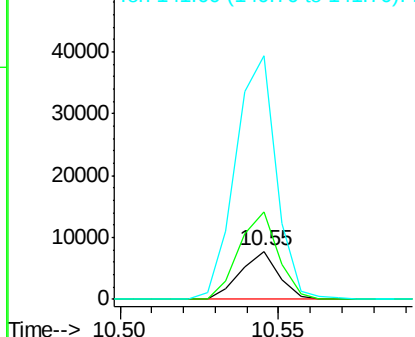
#66
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF096462.D
Acq: 4 Jul 2017 2:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6425
Ion Ratio Lower Upper
248 100
250 183.3 76.8 115.2#
141 508.9 68.6 103.0#

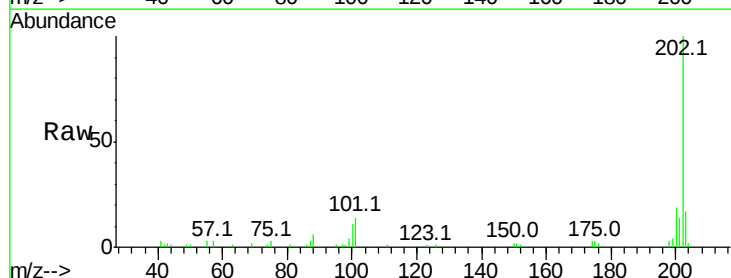


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

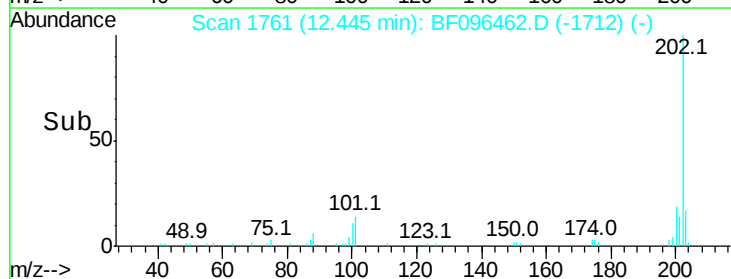
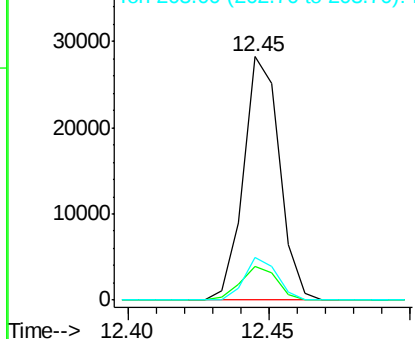


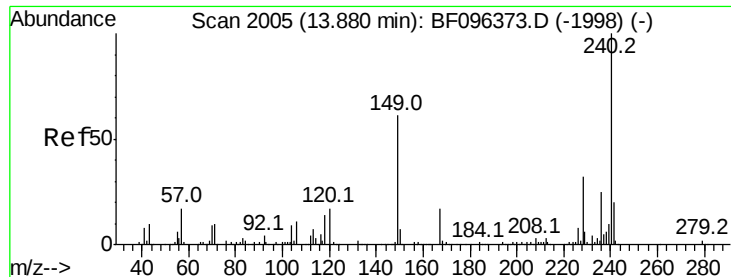
#74
Fluoranthene
Concen: 2.17 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF096462.D
Acq: 4 Jul 2017 2:19

Tgt Ion:202 Resp: 24896
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.2
203 17.4 0.0 38.1



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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096462.D

Acq: 4 Jul 2017 2:19

Instrument :

BNA_F

ClientSampled :

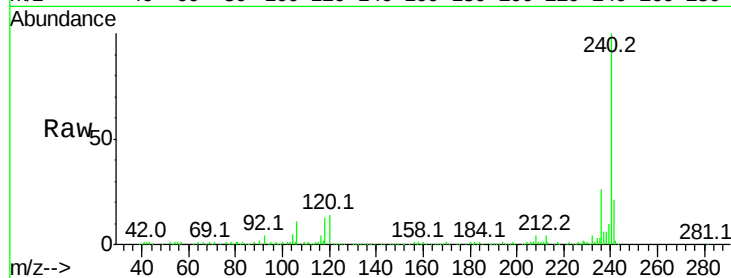
Tot Ion:240 Resp: 188343

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

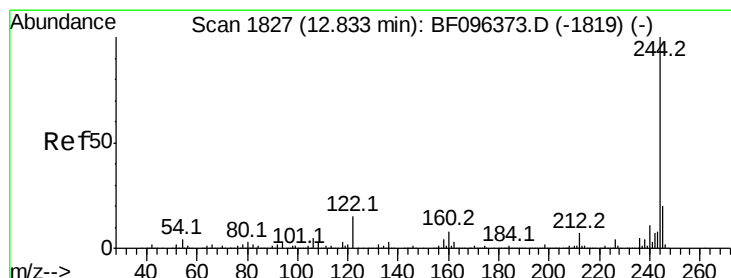
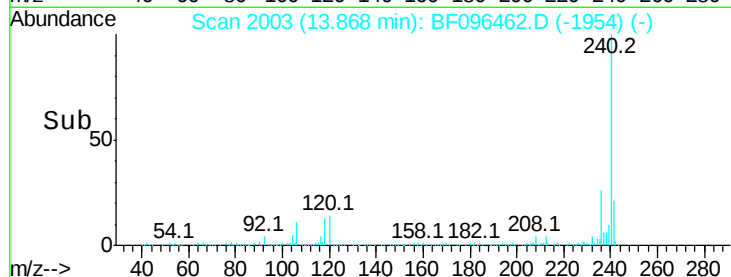
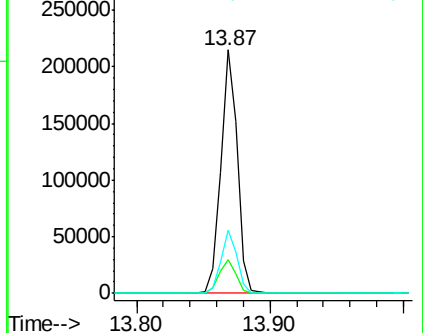
236 25.7 20.5 30.7



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: 51.18 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF096462.D

Acq: 4 Jul 2017 2:19

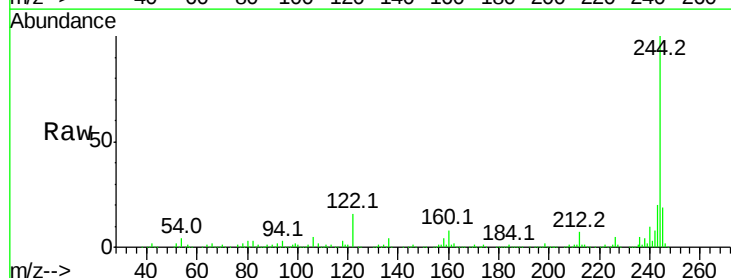
Tgt Ion:244 Resp: 451134

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

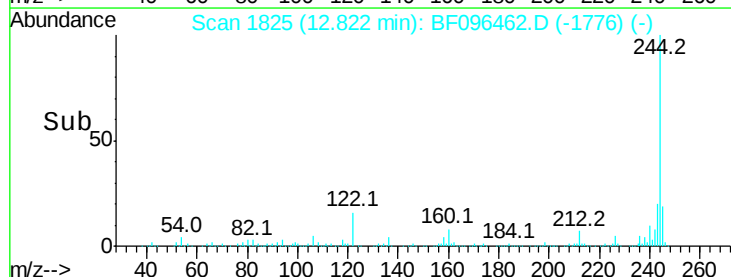
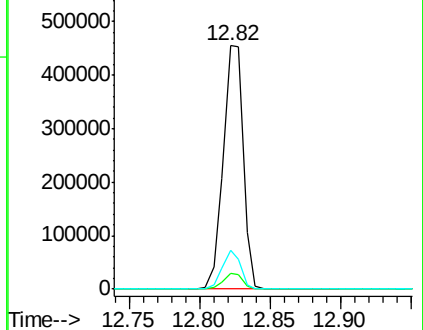
122 16.2 10.3 15.5#

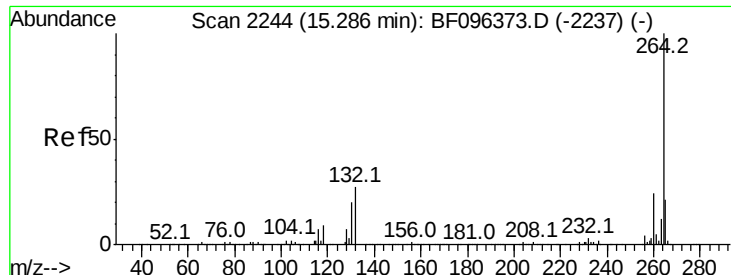


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

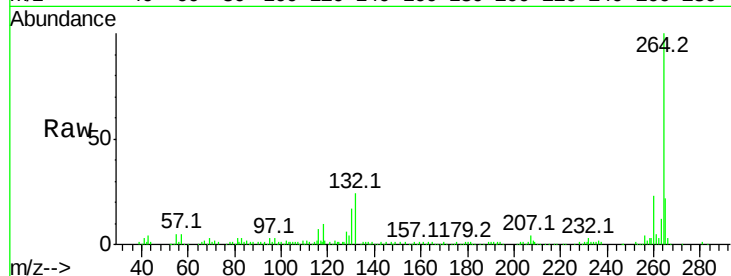




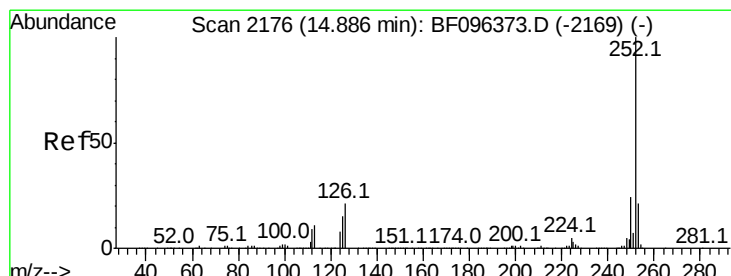
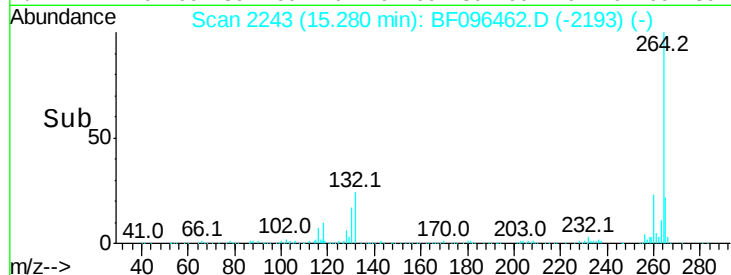
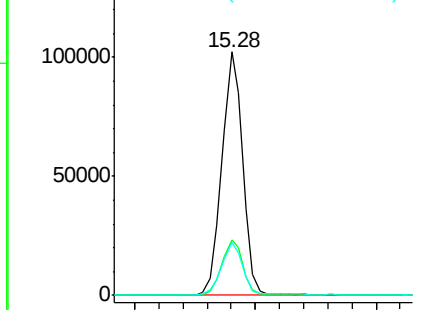
#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF096462.D
 Acq: 4 Jul 2017 2:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.6	17.2	25.8

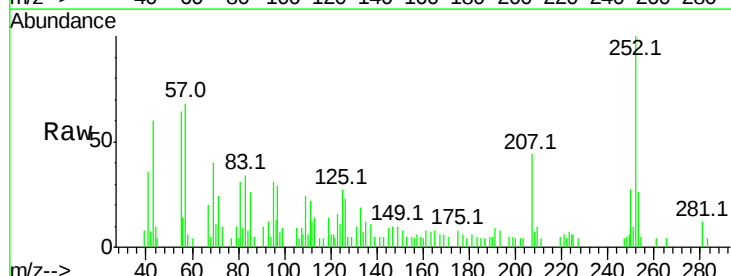


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

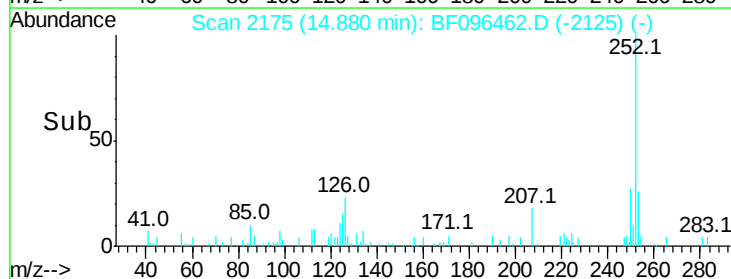
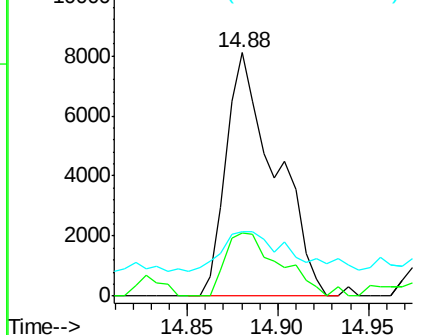


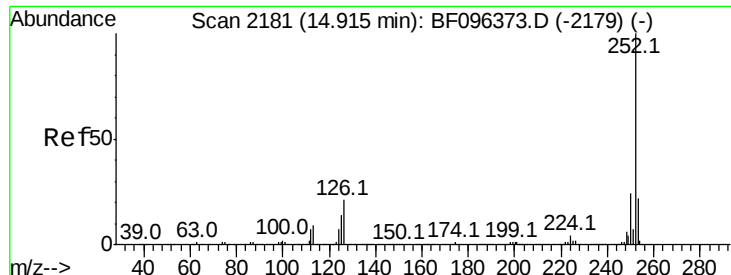
#87
 Benzo(b)fluoranthene
 Concen: 2.00 ng
 RT: 14.88 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BF096462.D
 Acq: 4 Jul 2017 2:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.1	27.1
125	26.6	9.8	14.8#



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

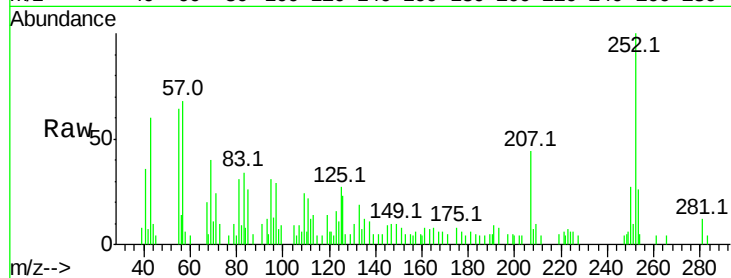




#88
 Benzo(k)fluoranthene
 Concen: 2.24 ng
 RT: 14.88 min Scan# 2175
 Delta R.T. -0.04 min
 Lab File: BF096462.D
 Acq: 4 Jul 2017 2:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 15328
 Ion Ratio Lower Upper
 252 100
 253 25.9 18.4 27.6
 125 26.6 13.1 19.7#



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

