

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096463.D
 Acq On : 4 Jul 2017 2:47
 Operator : SJ/MA
 Sample : I4029-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 03:48:55 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

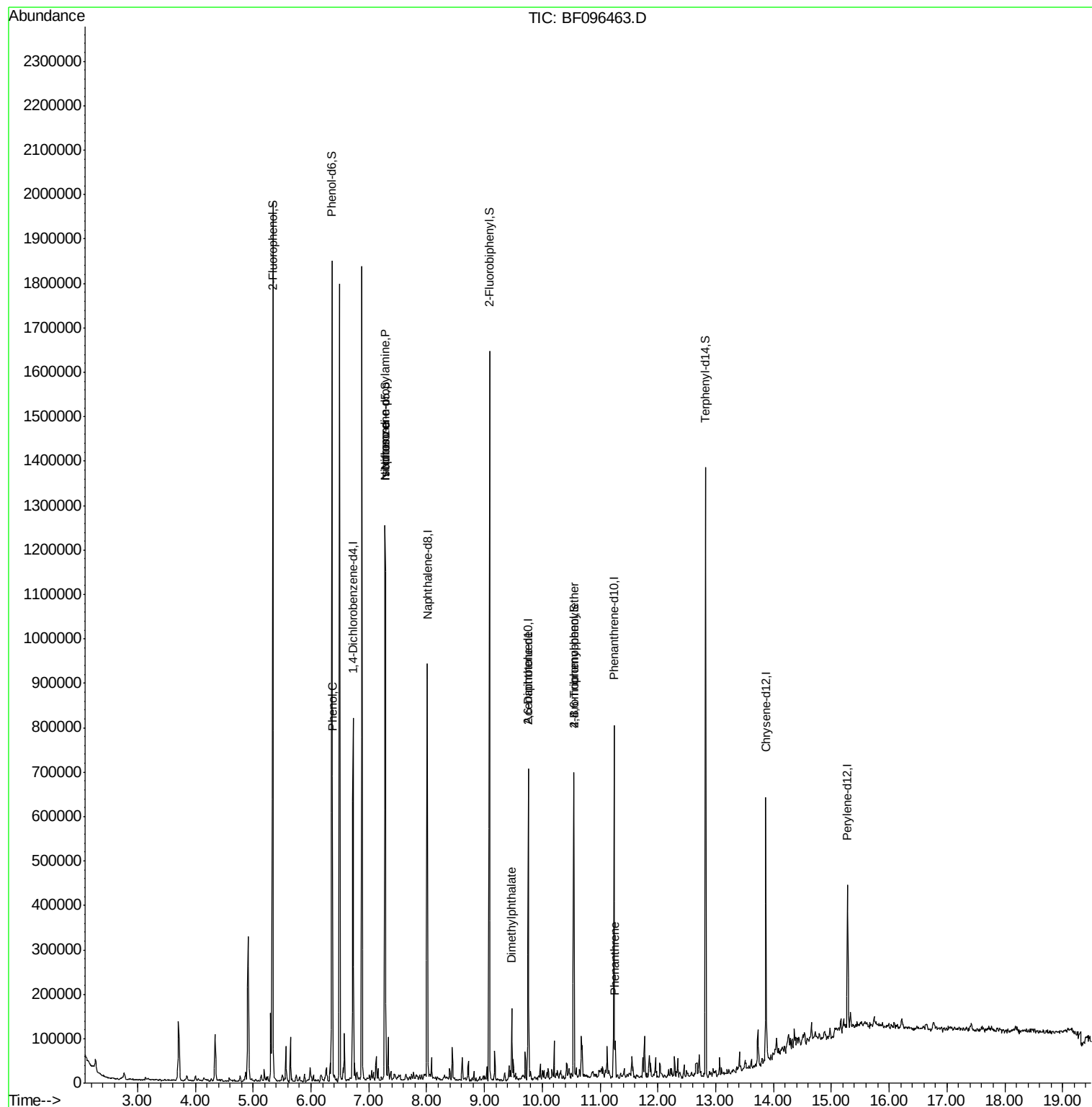
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	110179	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	406687	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	138660	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	246823	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	183774	20.00	ng	-0.01
86) Perylene-d12	15.28	264	126261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	509716	68.28	ng	0.00
7) Phenol-d6	6.36	99	543697	59.25	ng	-0.01
23) Nitrobenzene-d5	7.28	82	381051	56.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	68214	62.98	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	529140	65.25	ng	-0.01
78) Terphenyl-d14	12.82	244	417065	48.49	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	26656	2.55	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.28	70	50761	9.28	ng	# 89
25) Isophorone	7.28	82	376896	28.72	ng	# 67
49) Dimethylphthalate	9.47	163	53693	5.19	ng	97
50) 2,6-Dinitrotoluene	9.76	165	19541	8.54	ng	# 33
66) 4-Bromophenyl-phenylether	10.55	248	4843	2.02	ng	# 1
70) Phenanthrene	11.26	178	27006	2.02	ng	97

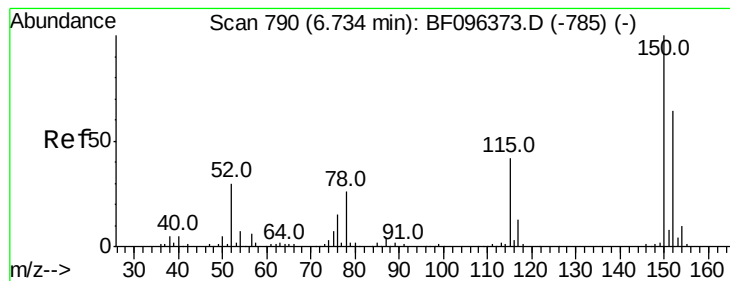
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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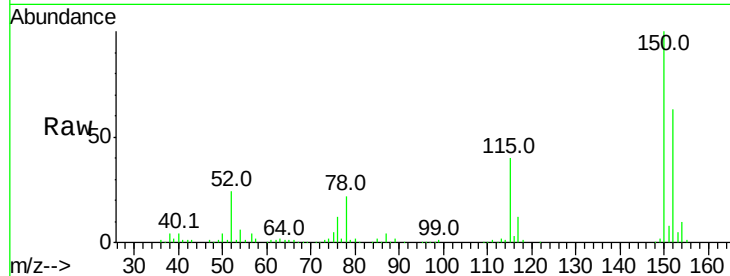


#1

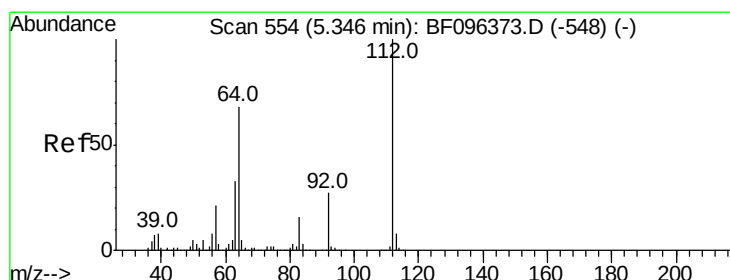
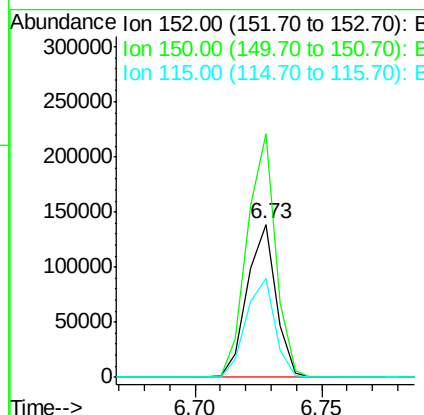
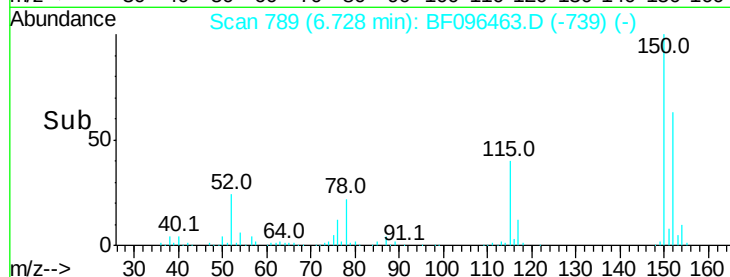
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096463.D
Acq: 4 Jul 2017 2:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 110179
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 64.2 52.2 78.2



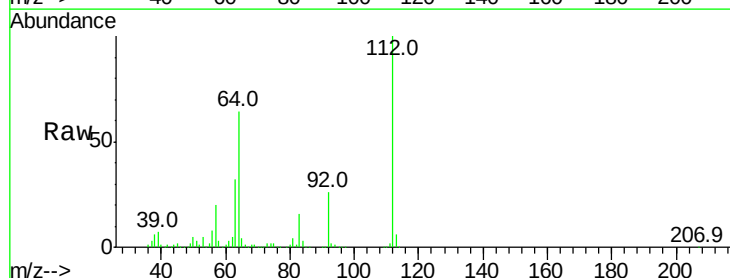
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



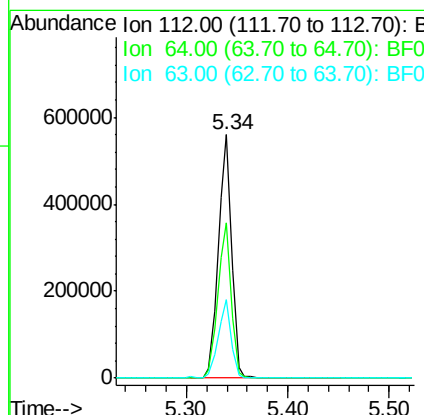
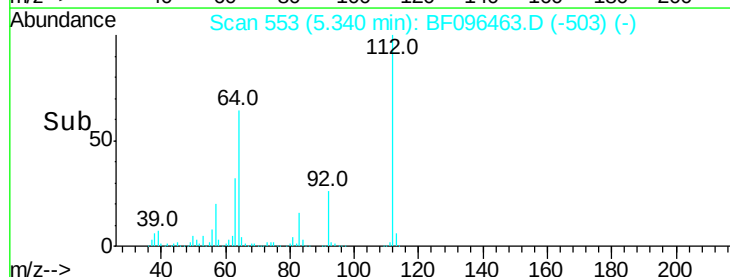
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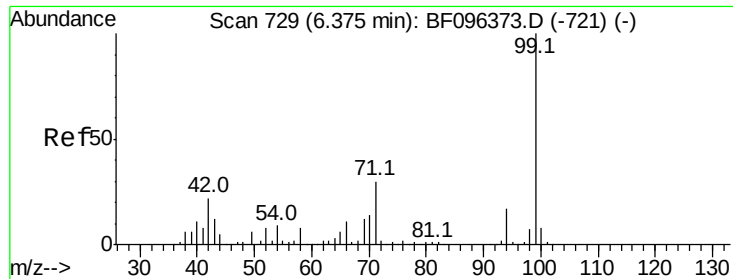
2-Fluorophenol
Concen: 68.28 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF096463.D
Acq: 4 Jul 2017 2:47

Tgt Ion:112 Resp: 509716
Ion Ratio Lower Upper
112 100
64 63.9 46.0 69.0
63 32.1 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: 59.25 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096463.D

Acq: 4 Jul 2017 2:47

Instrument :

BNA_F

ClientSampleId :

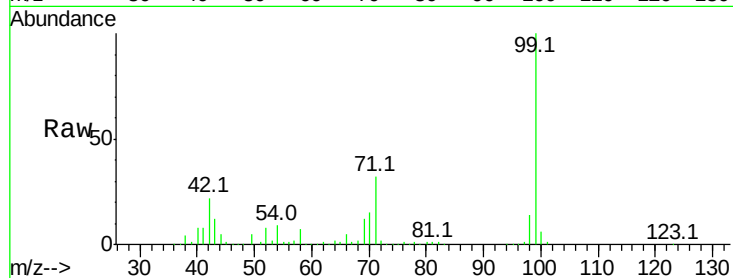
Tot Ion: 99 Resp: 543697

Ion Ratio Lower Upper

99 100

42 22.1 13.5 20.3#

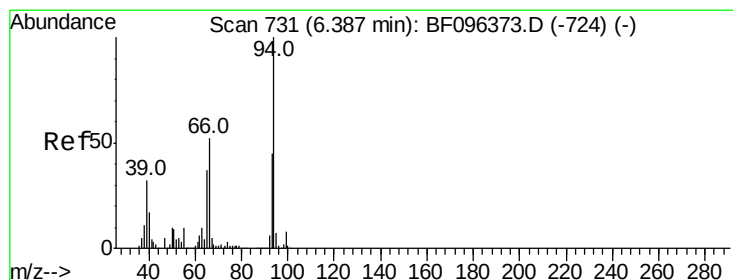
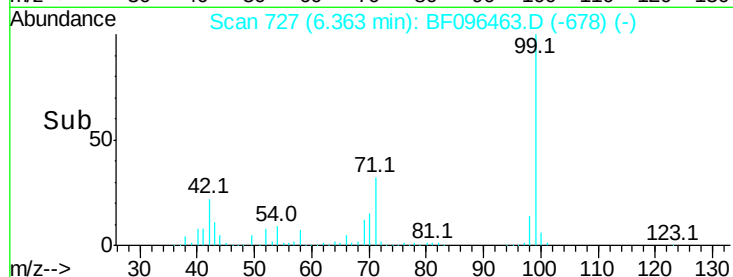
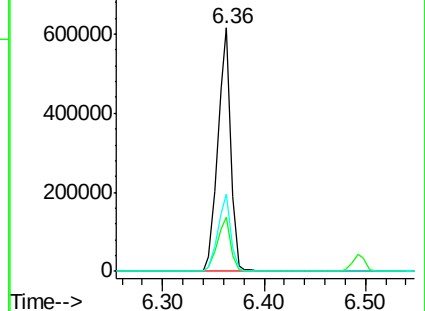
71 31.8 24.5 36.7



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: 2.55 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096463.D

Acq: 4 Jul 2017 2:47

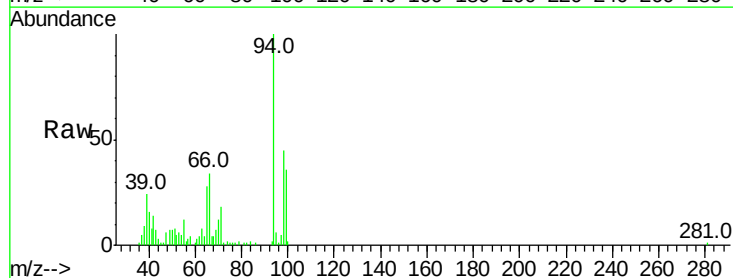
Tgt Ion: 94 Resp: 26656

Ion Ratio Lower Upper

94 100

65 27.6 9.9 49.9

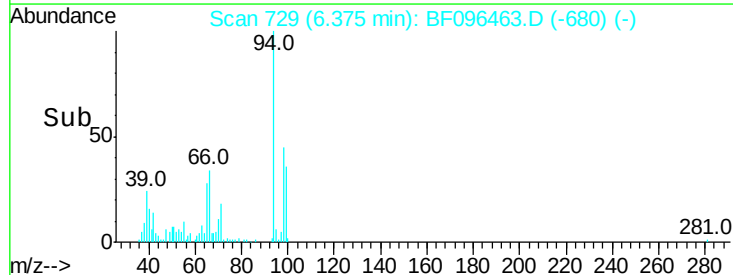
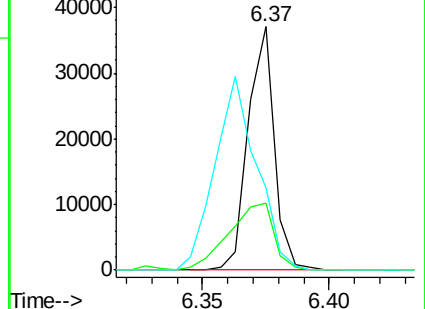
66 33.7 23.1 63.1

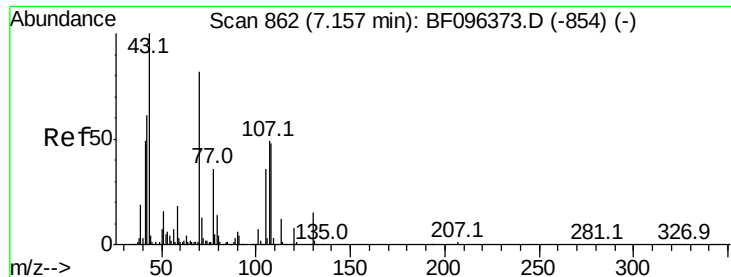


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

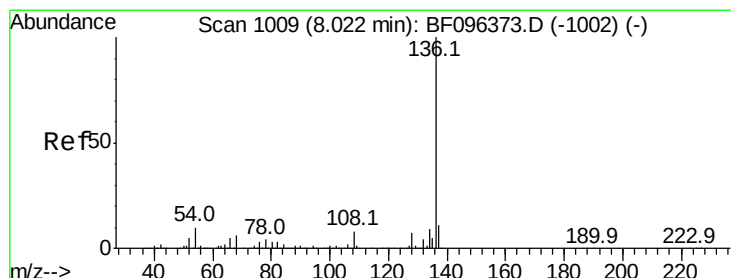
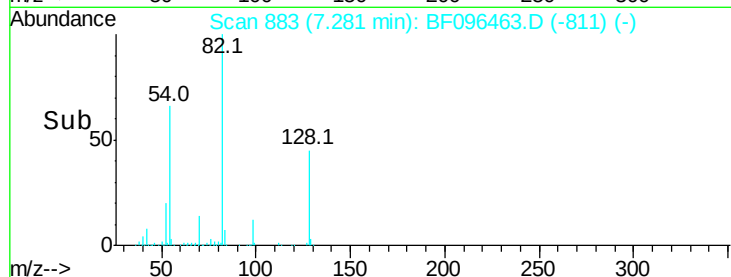
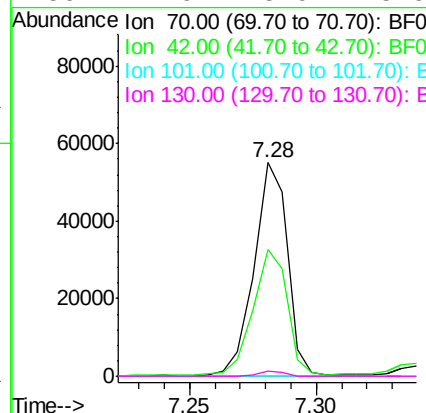
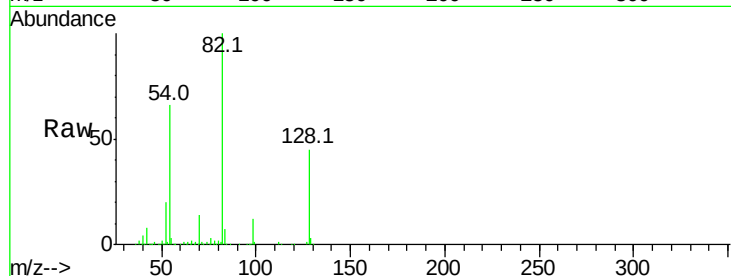




#19
 n-Nitroso-di-n-propylamine
 Concen: 9.28 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.12 min
 Lab File: BF096463.D
 Acq: 4 Jul 2017 2:47

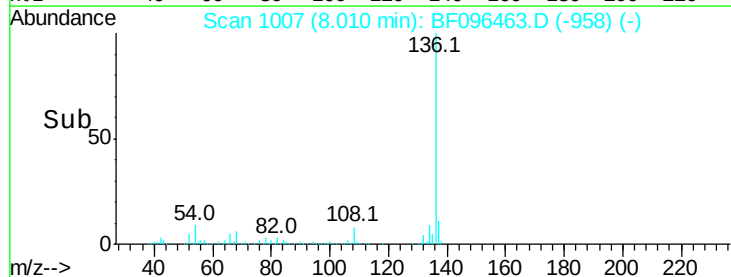
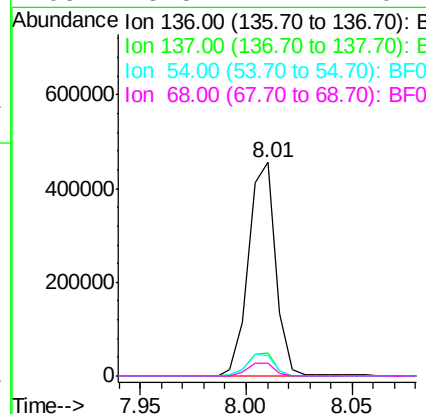
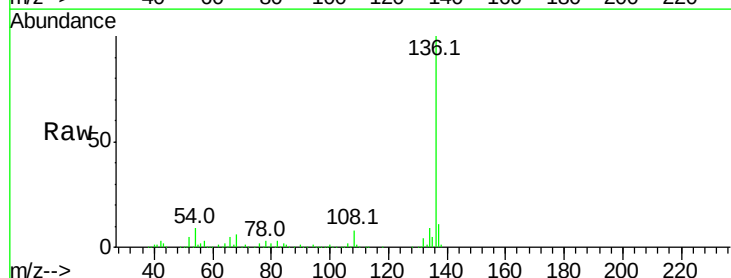
Instrument :
 BNA_F
 ClientSampleId :

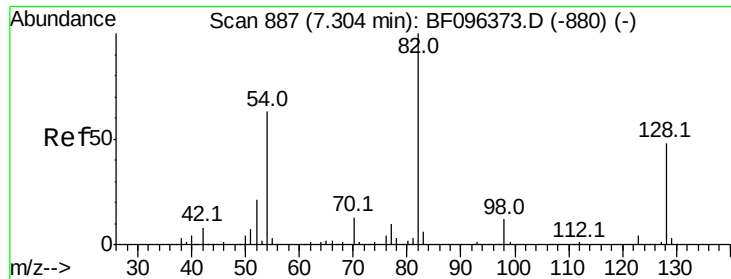
Tot Ion	Ratio	Lower	Upper
70	100		
42	59.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF096463.D
 Acq: 4 Jul 2017 2:47

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.4	4.9	7.3#
68	5.8	4.1	6.1

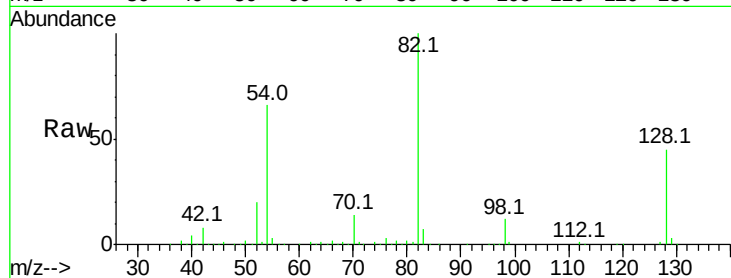




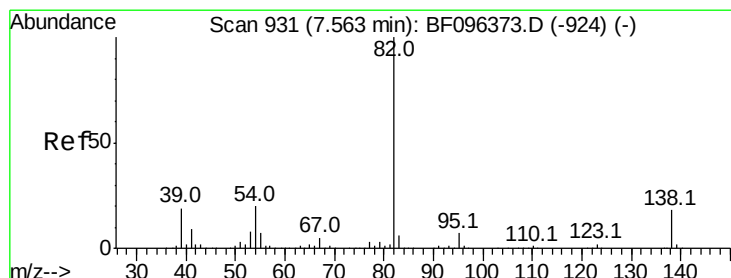
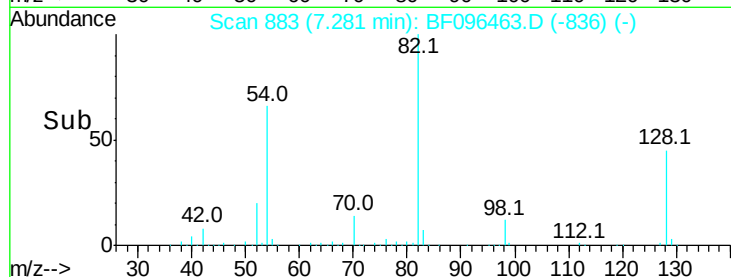
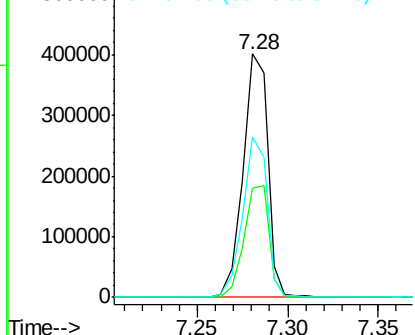
#23
 Nitrobenzene-d5
 Concen: 56.30 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF096463.D
 Acq: 4 Jul 2017 2:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 381051
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.0 51.0
 54 65.9 42.2 63.2#

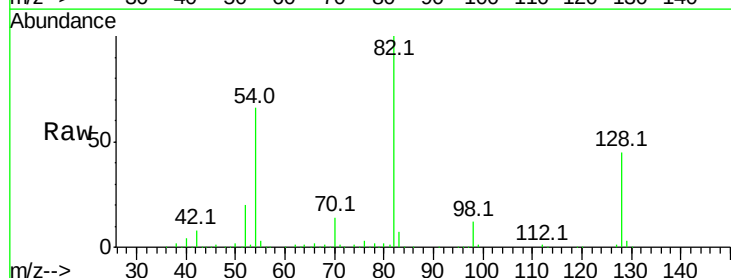


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

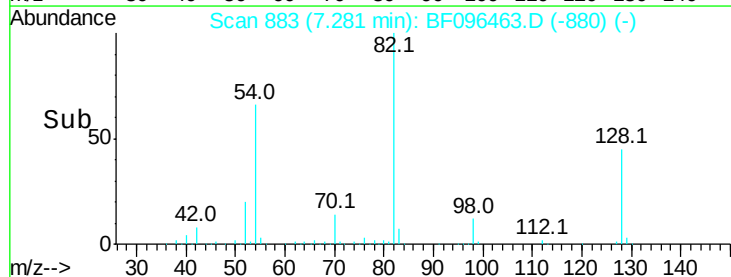
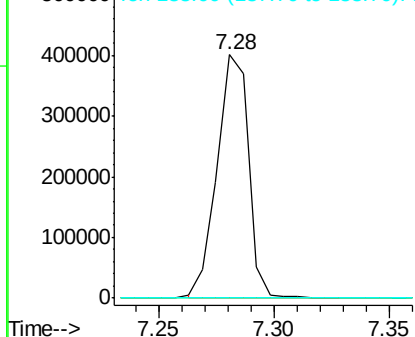


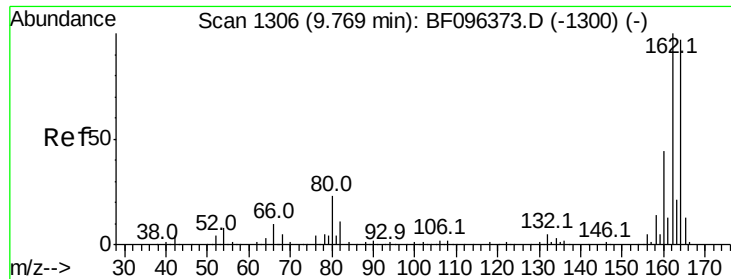
#25
 Isophorone
 Concen: 28.72 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.28 min
 Lab File: BF096463.D
 Acq: 4 Jul 2017 2:47

Tgt Ion: 82 Resp: 376896
 Ion Ratio Lower Upper
 82 100
 95 0.2 5.3 7.9#
 138 0.0 13.1 19.7#



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

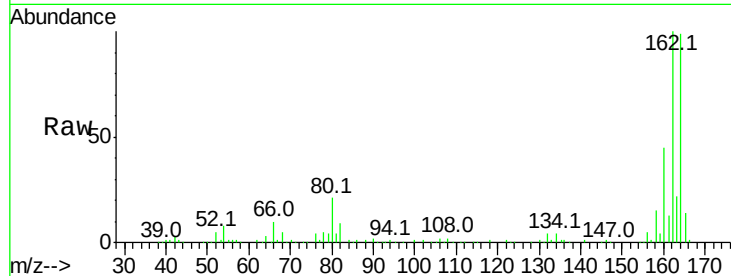




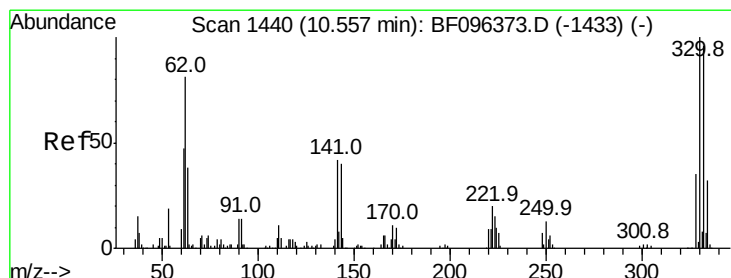
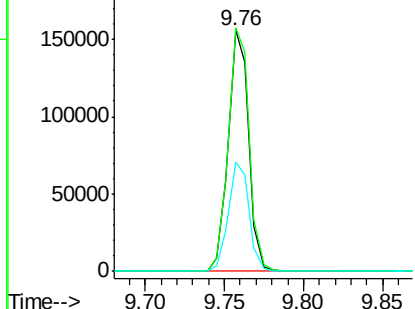
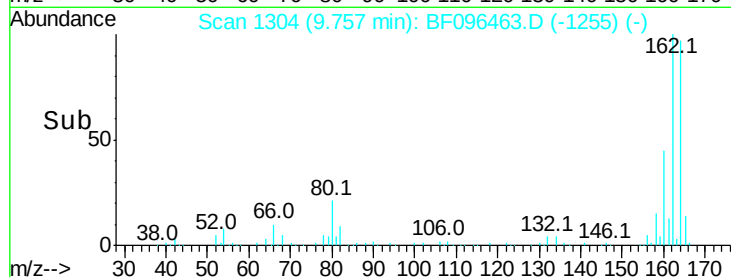
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096463.D
 Acq: 4 Jul 2017 2:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 138660
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 45.6 36.2 54.2

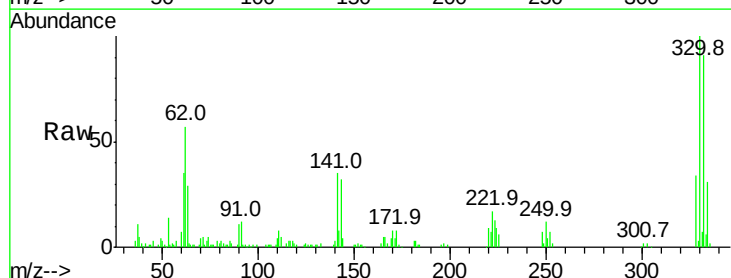


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

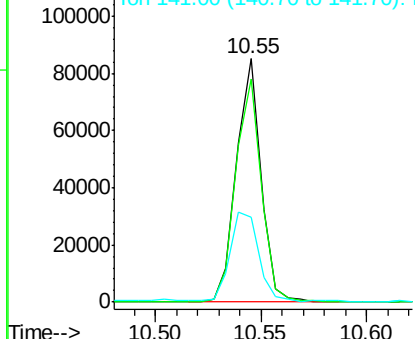
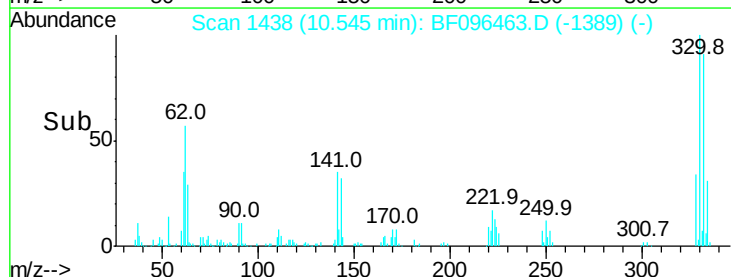


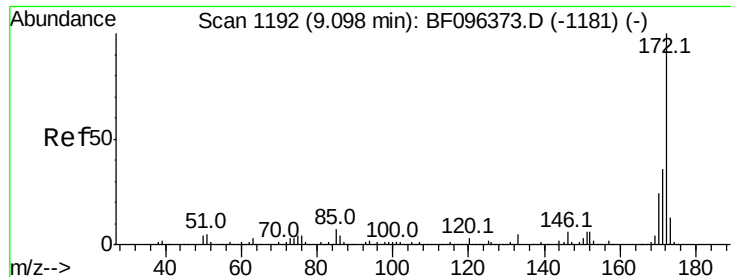
#41
 2,4,6-Tribromophenol
 Concen: 62.98 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096463.D
 Acq: 4 Jul 2017 2:47

Tgt Ion:330 Resp: 68214
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 42.0 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

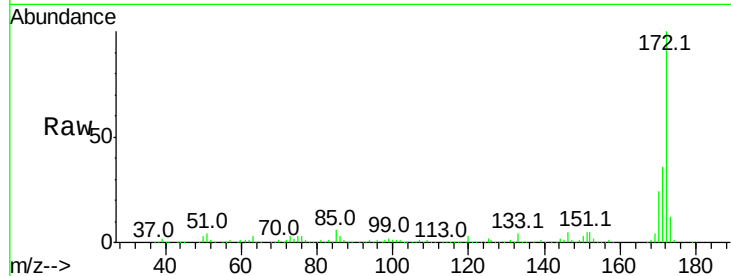




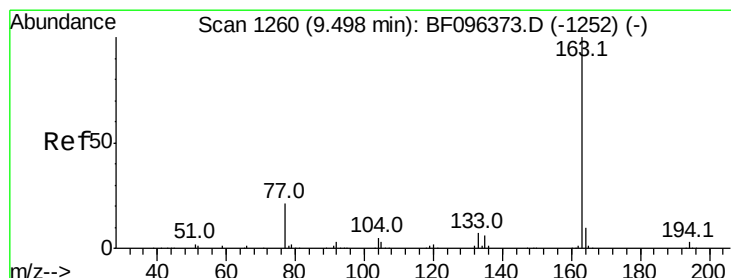
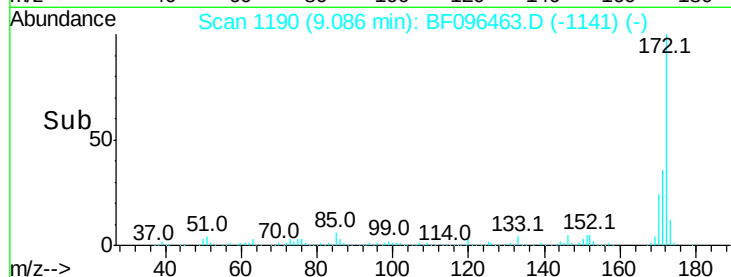
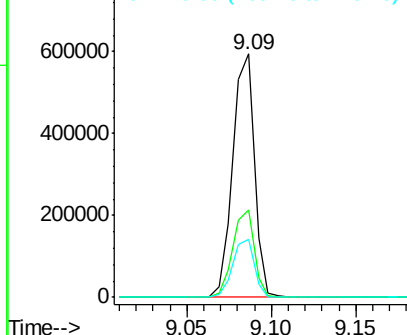
#44
2-Fluorobiphenyl
Concen: 65.25 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF096463.D
Acq: 4 Jul 2017 2:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.7	19.8	29.8

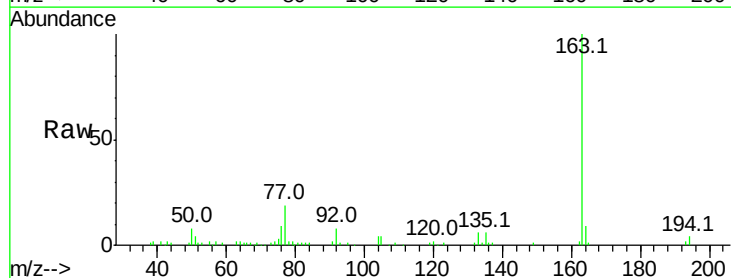


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

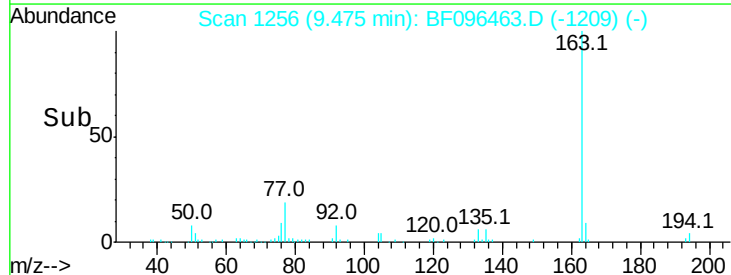
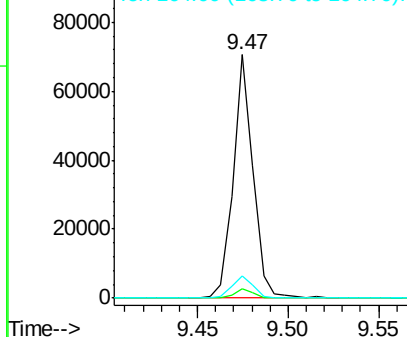


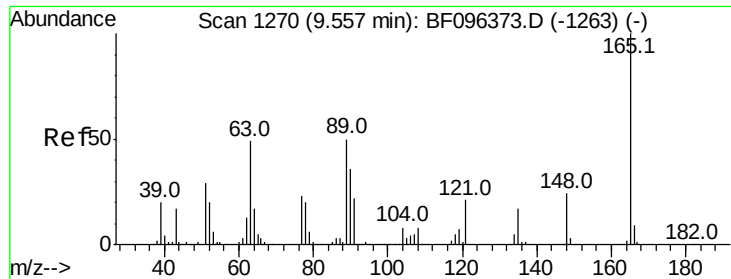
#49
Dimethylphthalate
Concen: 5.19 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF096463.D
Acq: 4 Jul 2017 2:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.1	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

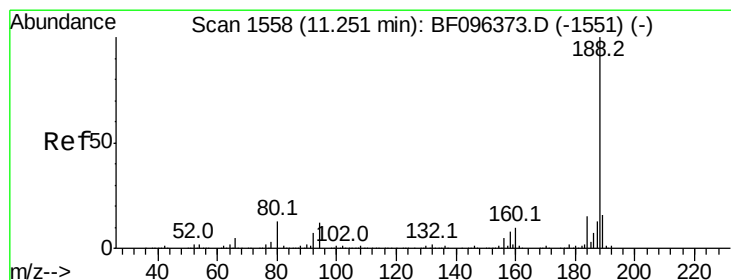
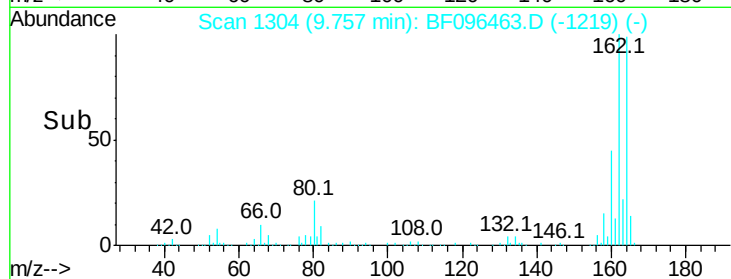
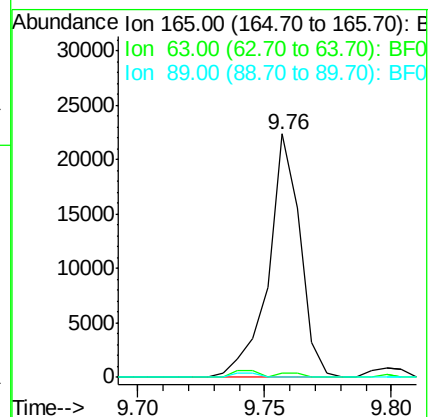
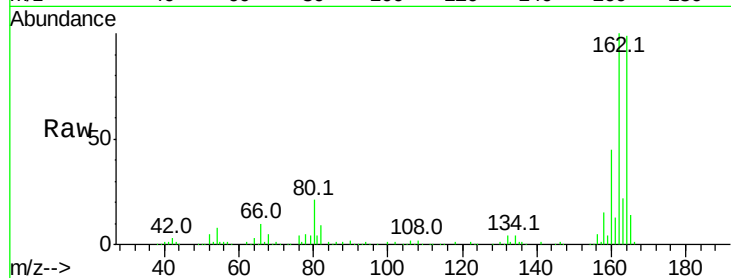




#50
 2,6-Dinitrotoluene
 Concen: 8.54 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF096463.D
 Acq: 4 Jul 2017 2:47

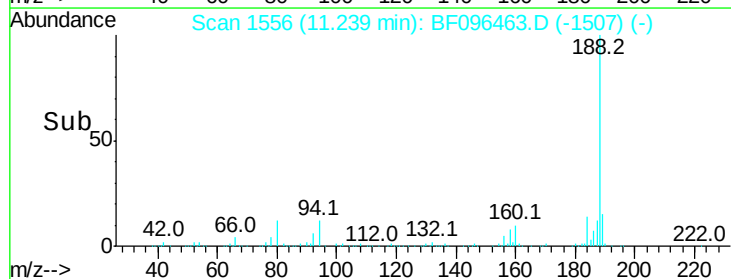
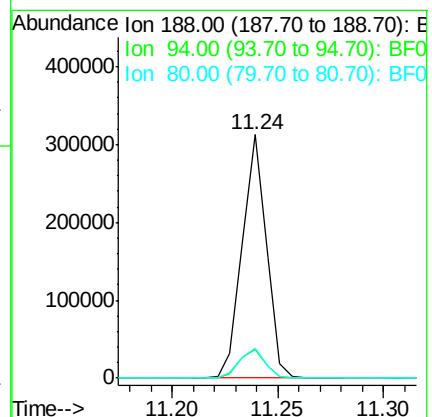
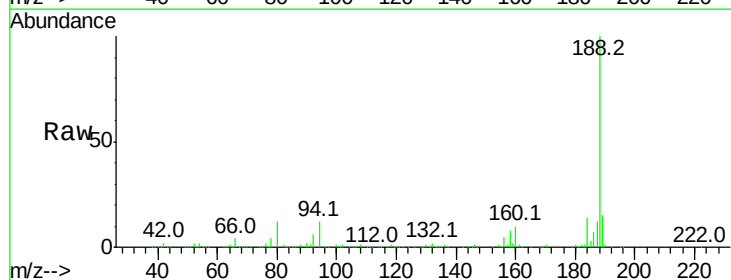
Instrument :
 BNA_F
 ClientSampleId :

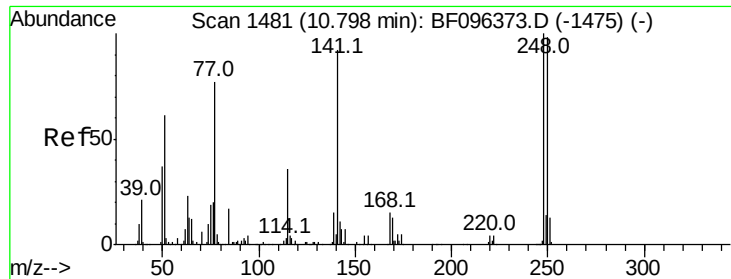
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	0.0	37.1	55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF096463.D
 Acq: 4 Jul 2017 2:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.1	10.2	15.2

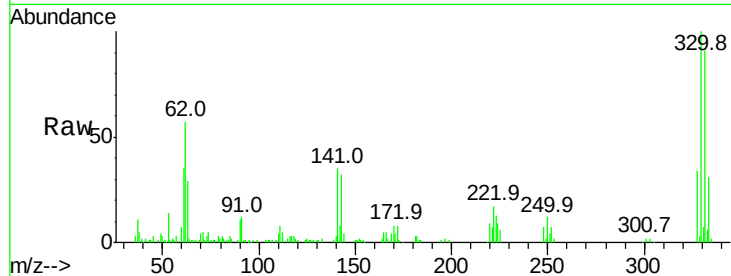




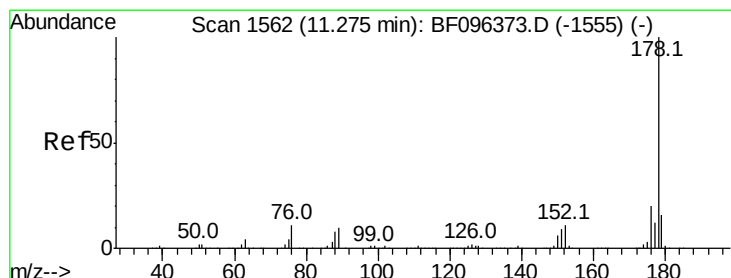
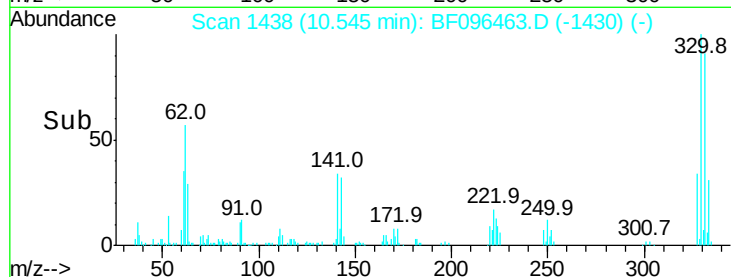
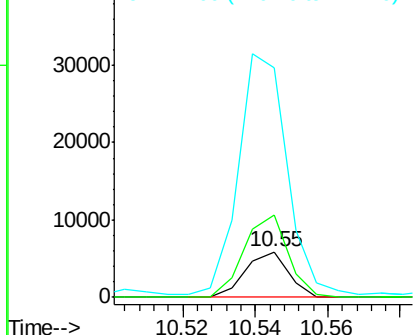
#66
4-Bromophenyl-phenylether
Concen: 2.02 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF096463.D
Acq: 4 Jul 2017 2:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 4843
Ion Ratio Lower Upper
248 100
250 179.6 76.8 115.2#
141 502.5 68.6 103.0#

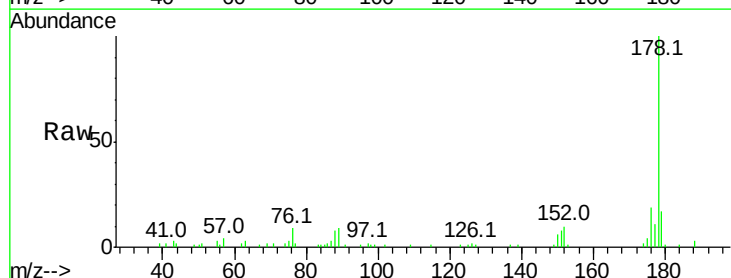


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

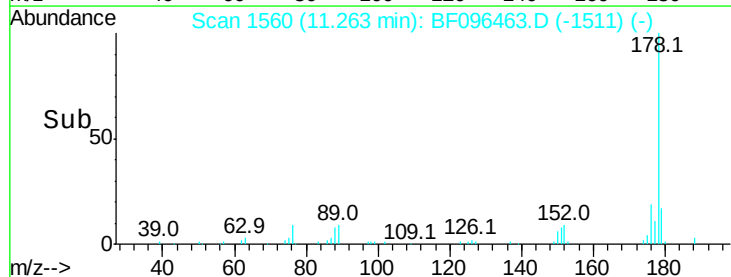
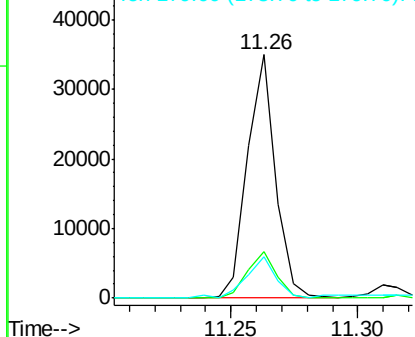


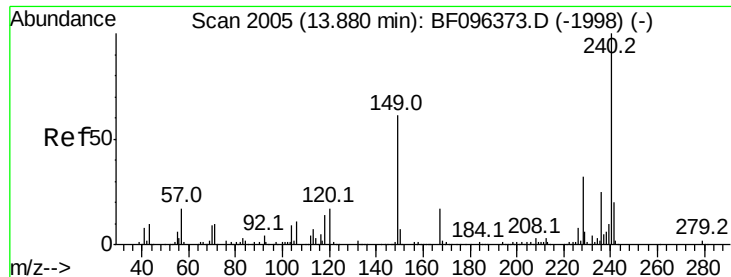
#70
Phenanthrene
Concen: 2.02 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF096463.D
Acq: 4 Jul 2017 2:47

Tgt Ion:178 Resp: 27006
Ion Ratio Lower Upper
178 100
176 19.0 16.2 24.4
179 16.8 12.6 19.0



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096463.D

Acq: 4 Jul 2017 2:47

Instrument :

BNA_F

ClientSampled :

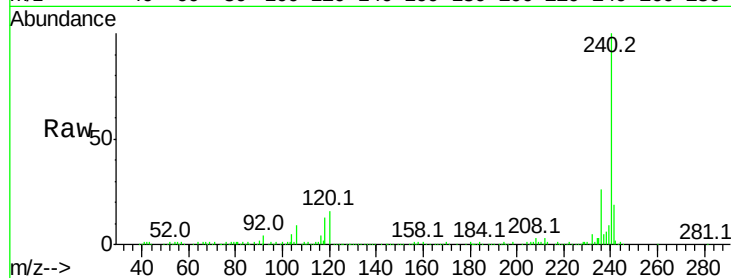
Tot Ion:240 Resp: 183774

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

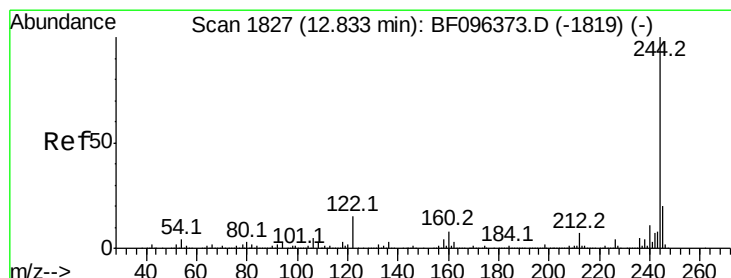
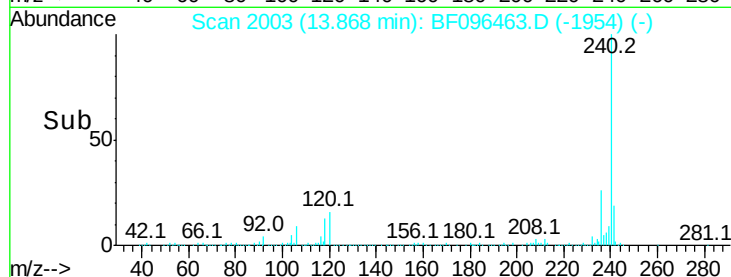
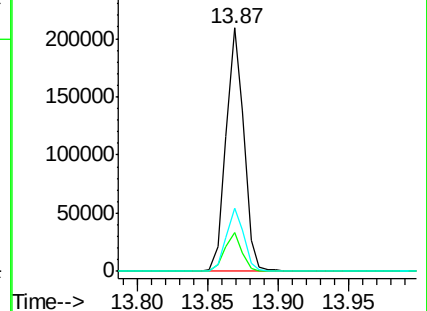
236 25.8 20.5 30.7



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: 48.49 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF096463.D

Acq: 4 Jul 2017 2:47

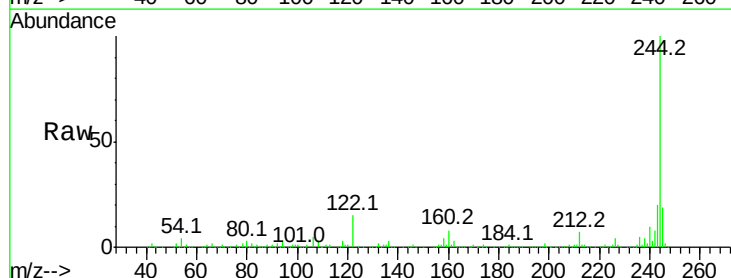
Tgt Ion:244 Resp: 417065

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

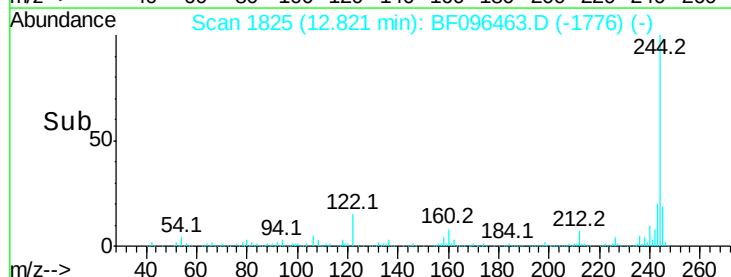
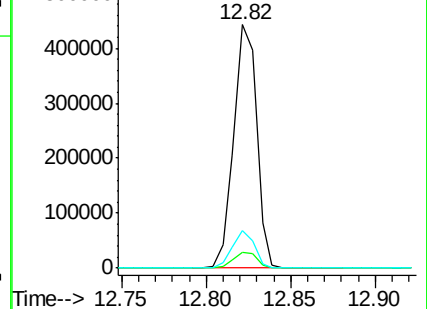
122 15.4 10.3 15.5

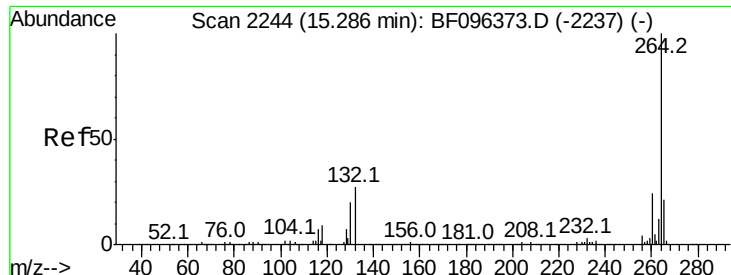


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

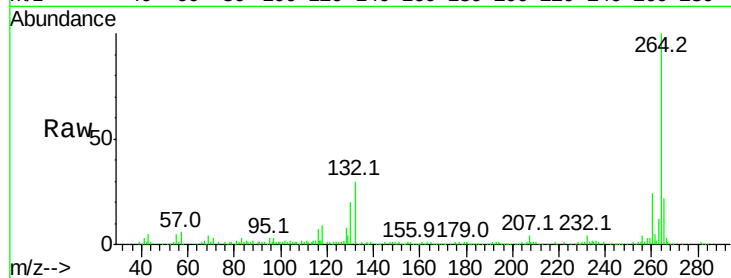




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF096463.D
 Acq: 4 Jul 2017 2:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.7	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

