

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096474.D
 Acq On : 5 Jul 2017 10:45
 Operator : SJ/MA
 Sample : PB100369BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 05 13:16:22 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

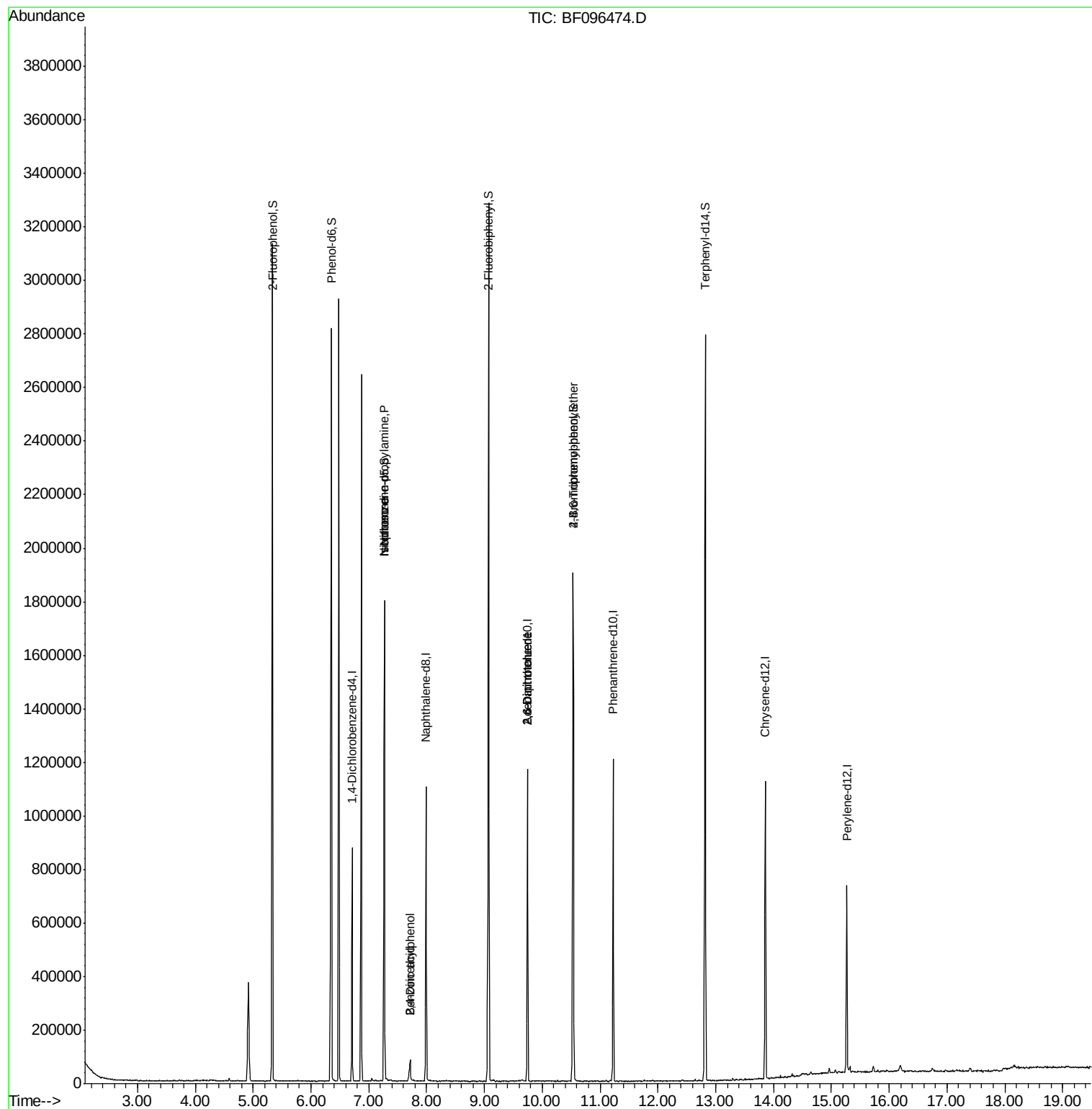
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	114425	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	499362	20.00	ng	-0.03
38) Acenaphthene-d10	9.75	164	227994	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	412577	20.00	ng	-0.02
75) Chrysene-d12	13.86	240	370678	20.00	ng	-0.02
86) Perylene-d12	15.27	264	282625	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	910346	117.43	ng	-0.01
7) Phenol-d6	6.35	99	1105408	115.98	ng	-0.02
23) Nitrobenzene-d5	7.27	82	648090	77.99	ng	-0.04
41) 2,4,6-Tribromophenol	10.53	330	242780	136.32	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	1174451	88.07	ng	-0.02
78) Terphenyl-d14	12.82	244	1059787	61.09	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	86538	15.24	ng	# 88
25) Isophorone	7.27	82	644750	40.02	ng	# 67
27) 2,4-Dimethylphenol	7.72	122	30118	3.83	ng	# 5
32) Benzoic acid	7.72	122	30118	4.56	ng	90
50) 2,6-Dinitrotoluene	9.75	165	29015	7.71	ng	# 33
56) 2,4-Dinitrotoluene	9.75	165	29015	6.09	ng	# 33
66) 4-Bromophenyl-phenylether	10.53	248	15019	3.74	ng	# 1

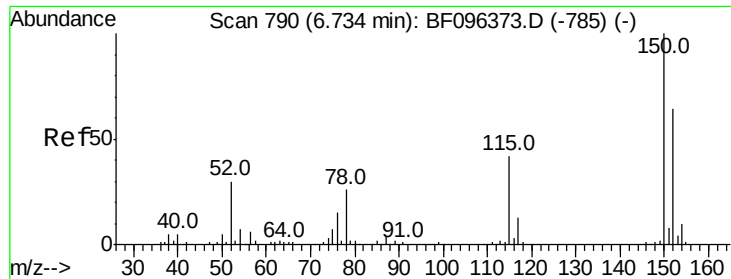
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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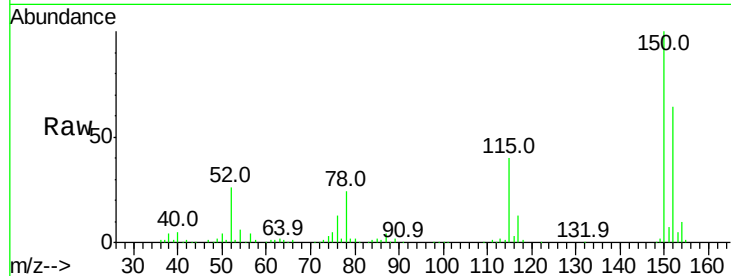


#1

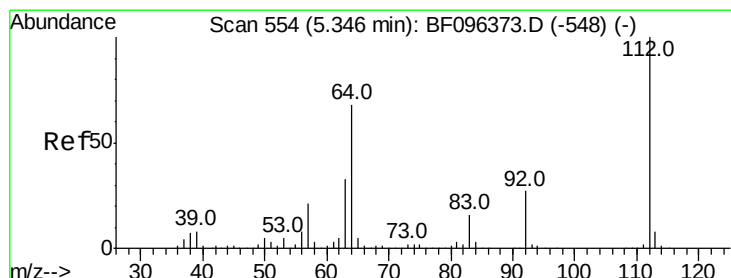
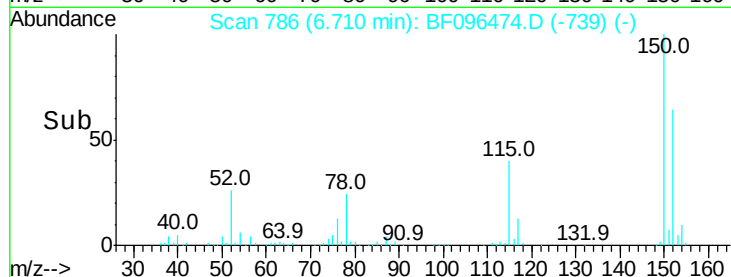
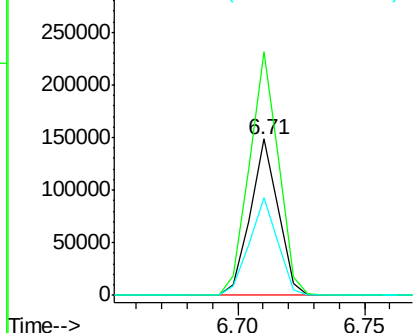
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF096474.D
Acq: 5 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114425
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 62.9 52.2 78.2



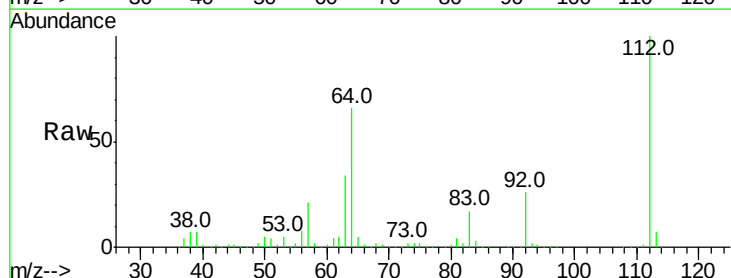
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



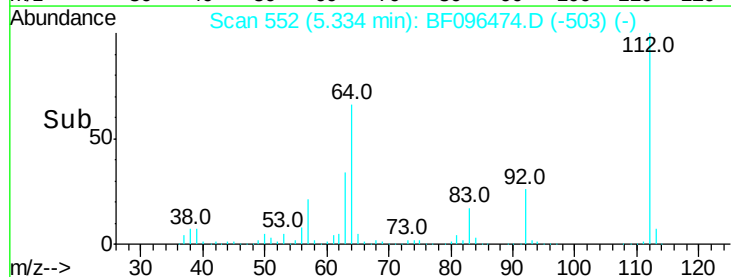
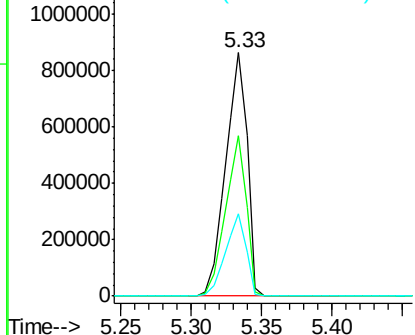
#5

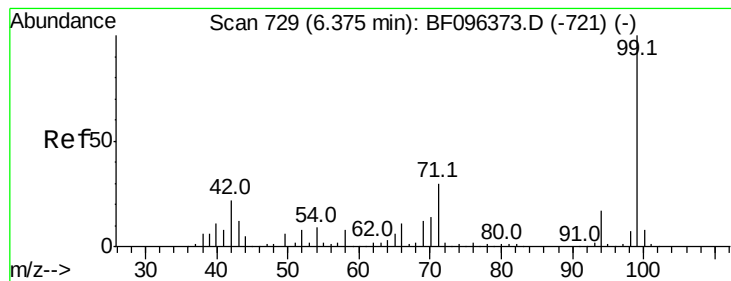
2-Fluorophenol
Concen: 117.43 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF096474.D
Acq: 5 Jul 2017 10:45

Tgt Ion:112 Resp: 910346
Ion Ratio Lower Upper
112 100
64 65.7 46.0 69.0
63 33.6 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: 115.98 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF096474.D

Acq: 5 Jul 2017 10:45

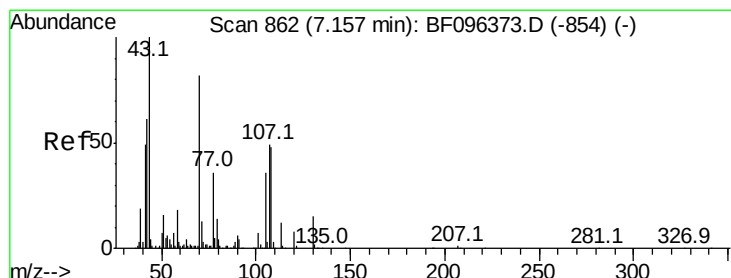
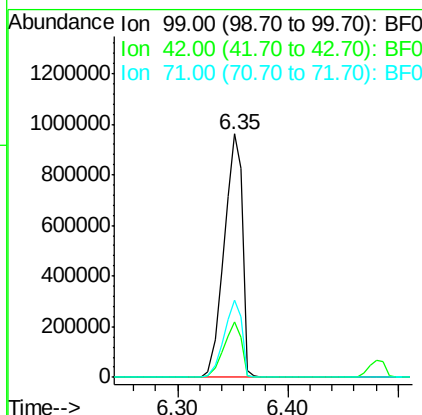
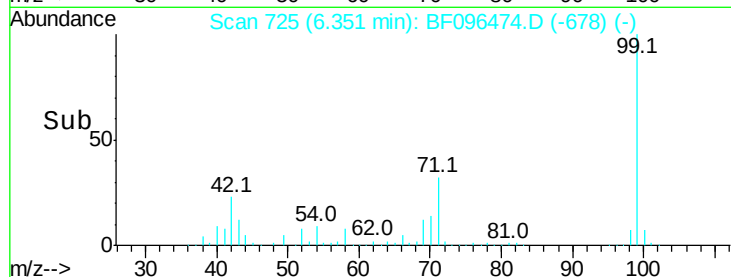
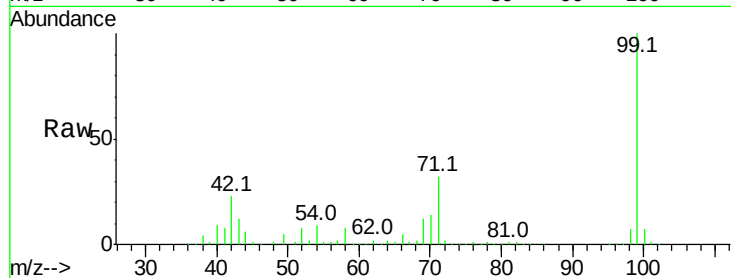
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1105408

Ion	Ratio	Lower	Upper
99	100		
42	23.0	13.5	20.3#
71	31.7	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.24 ng

RT: 7.27 min Scan# 881

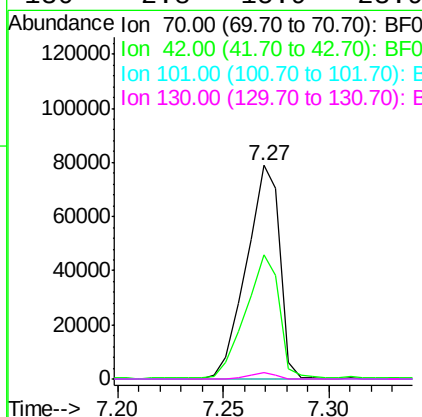
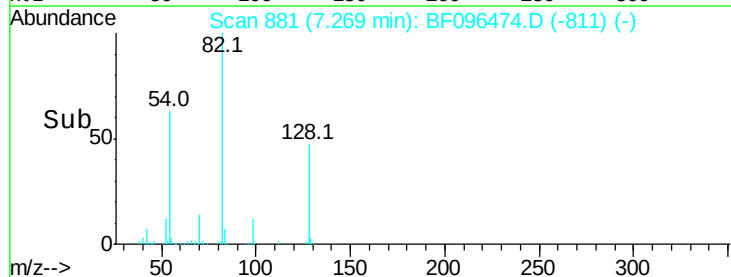
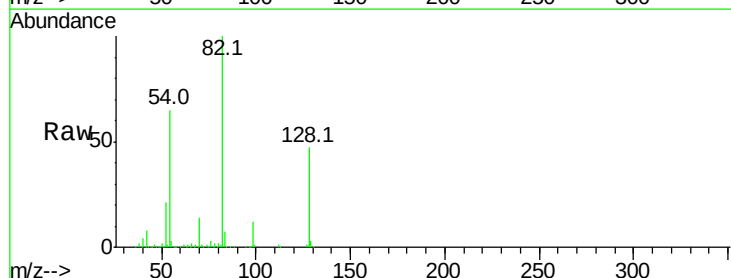
Delta R.T. 0.11 min

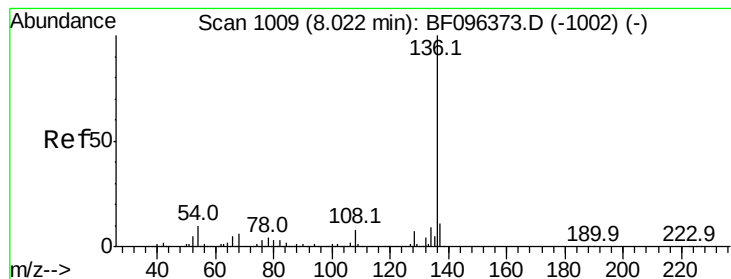
Lab File: BF096474.D

Acq: 5 Jul 2017 10:45

Tgt Ion: 70 Resp: 86538

Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.8	15.9	23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.03 min

Lab File: BF096474.D

Acq: 5 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 499362

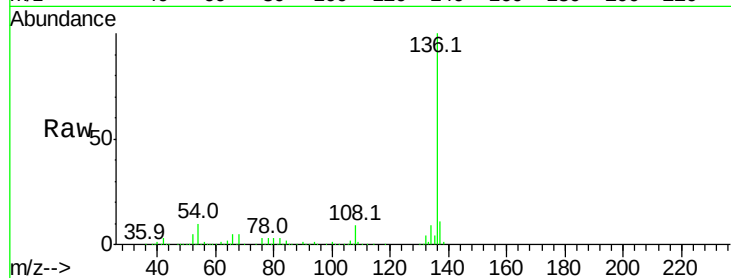
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.7 4.9 7.3#

68 5.1 4.1 6.1

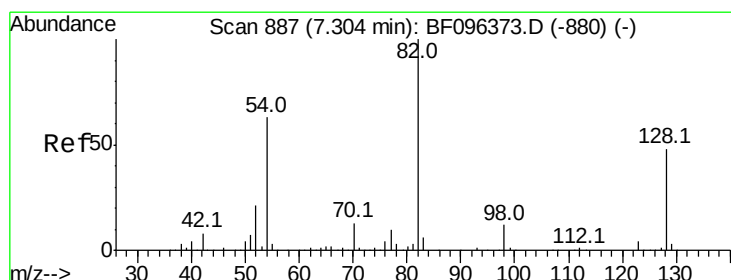
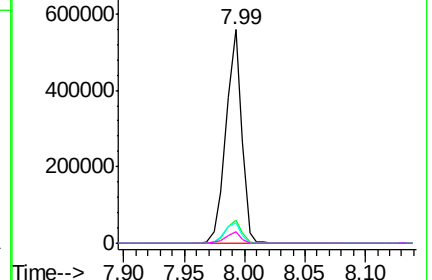
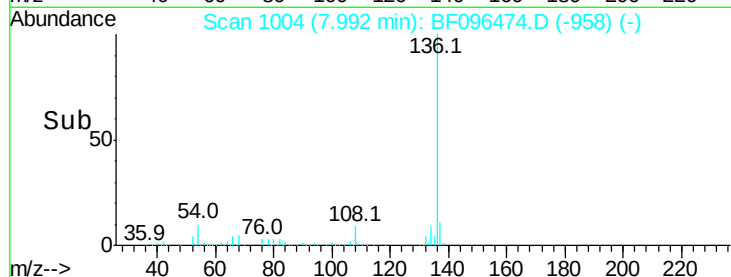


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.99 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.04 min

Lab File: BF096474.D

Acq: 5 Jul 2017 10:45

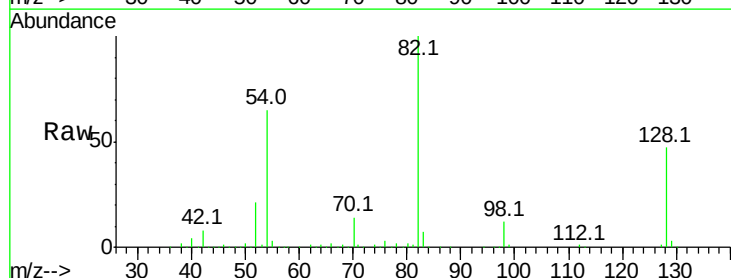
Tgt Ion: 82 Resp: 648090

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

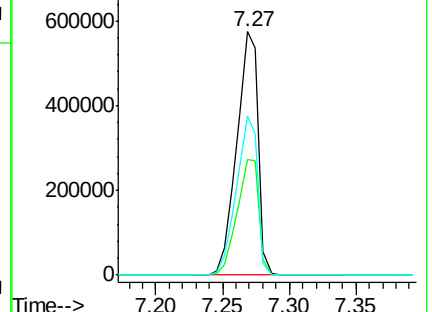
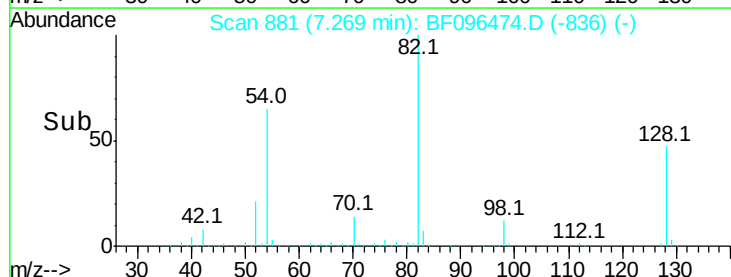
54 65.2 42.2 63.2#

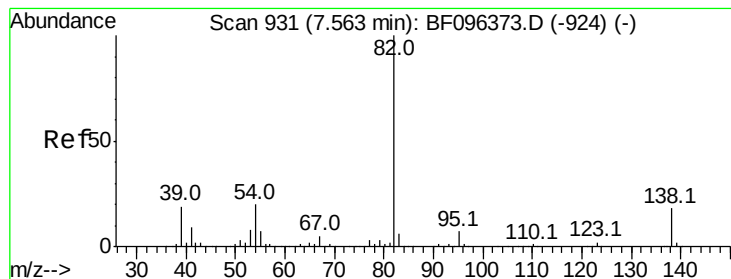


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 40.02 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.29 min

Lab File: BF096474.D

Acq: 5 Jul 2017 10:45

Instrument :

BNA_F

ClientSampled :

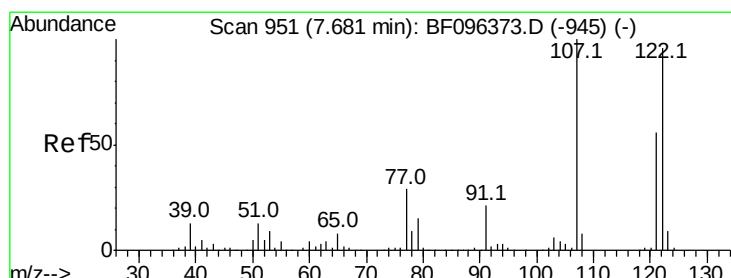
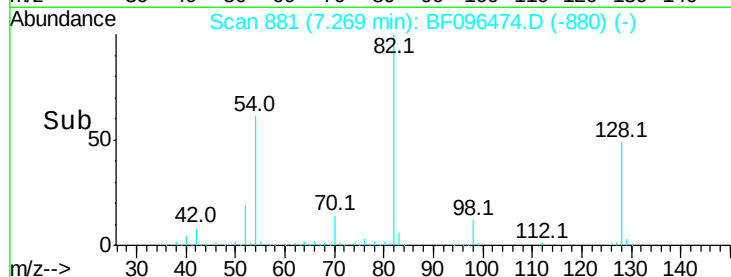
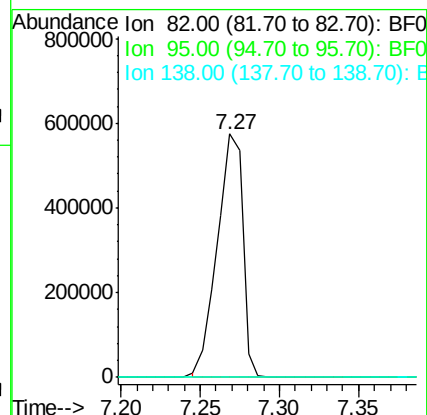
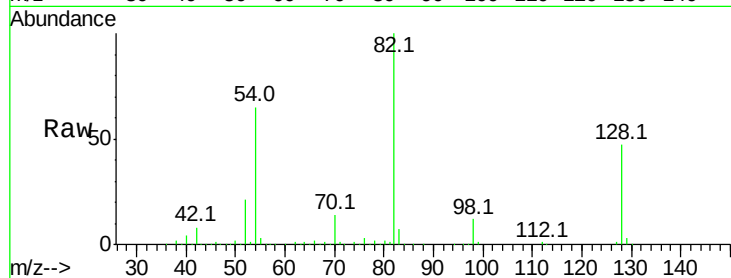
Tot Ion: 82 Resp: 644750

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#27

2,4-Dimethylphenol

Concen: 3.83 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.04 min

Lab File: BF096474.D

Acq: 5 Jul 2017 10:45

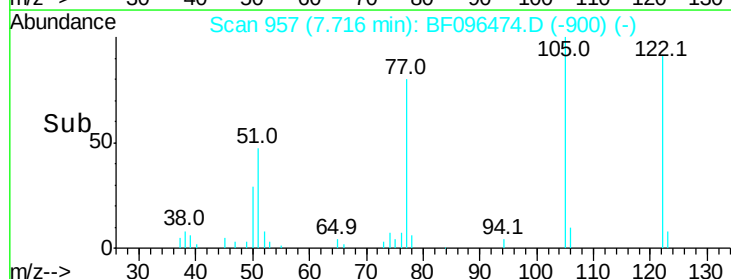
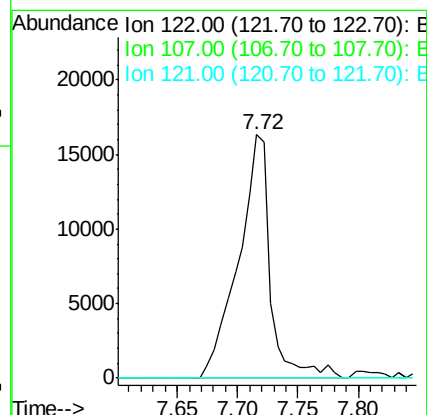
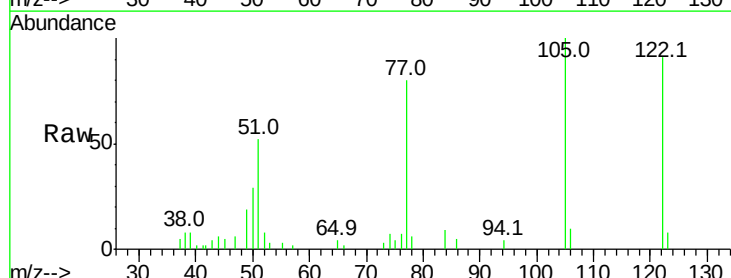
Tgt Ion: 122 Resp: 30118

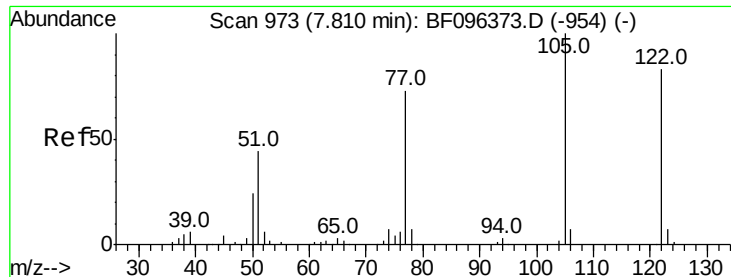
Ion Ratio Lower Upper

122 100

107 0.0 89.2 133.8#

121 0.0 45.2 67.8#

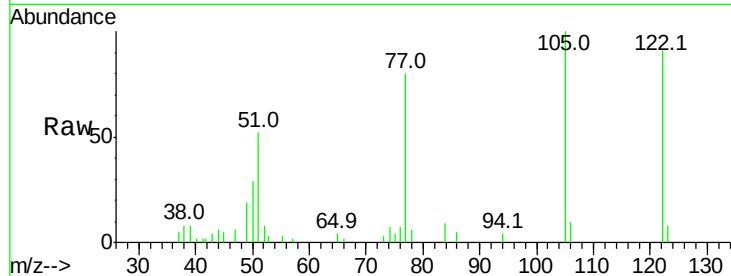




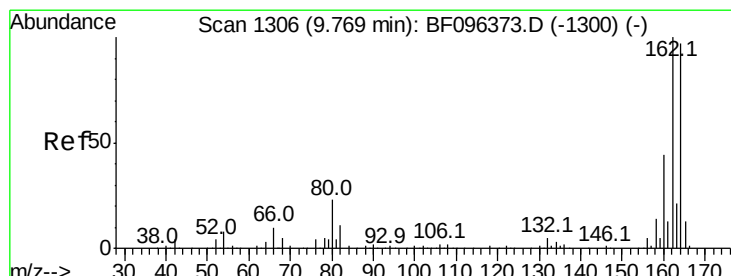
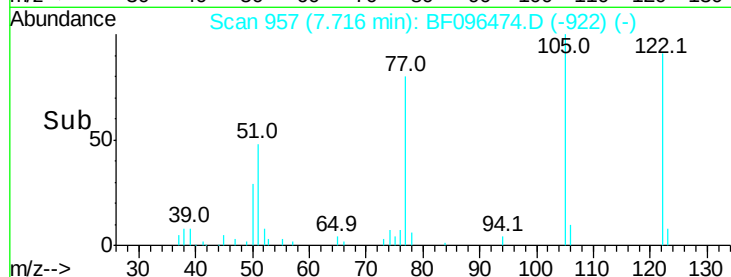
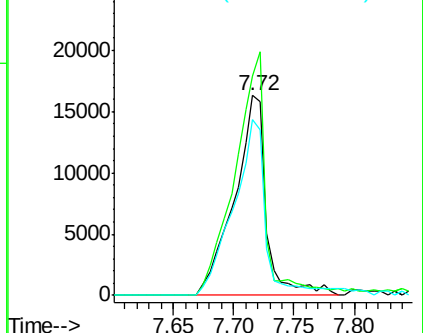
#32
Benzoic acid
Concen: 4.56 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.09 min
Lab File: BF096474.D
Acq: 5 Jul 2017 10:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 30118
Ion Ratio Lower Upper
122 100
105 109.6 103.3 143.3
77 87.9 73.7 113.7

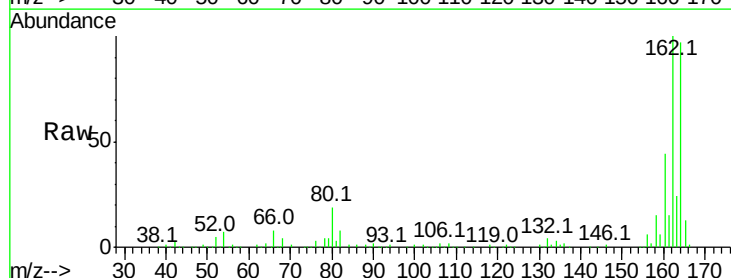


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

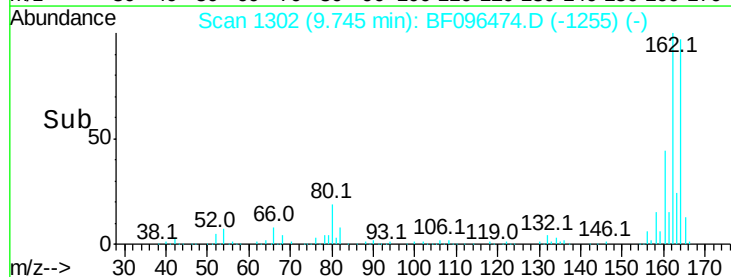
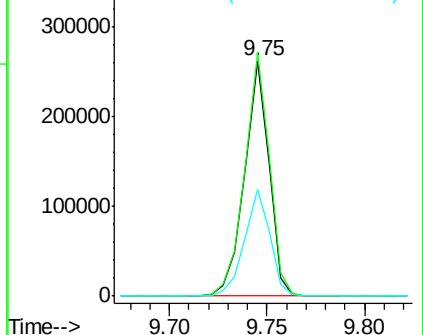


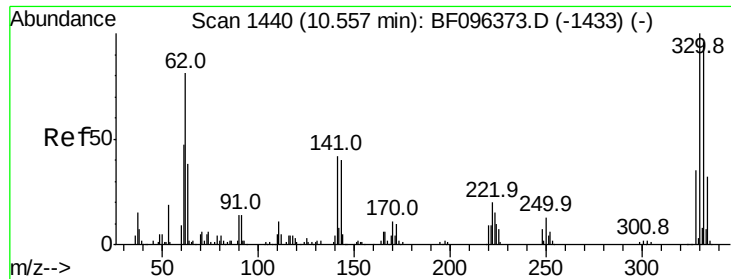
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF096474.D
Acq: 5 Jul 2017 10:45

Tgt Ion:164 Resp: 227994
Ion Ratio Lower Upper
164 100
162 103.5 82.6 123.8
160 45.1 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

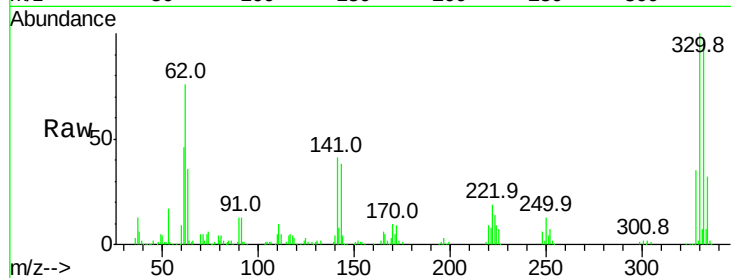




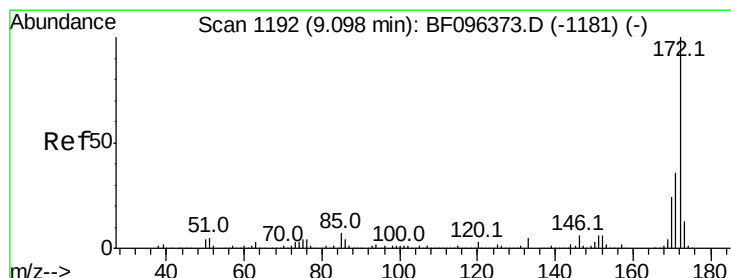
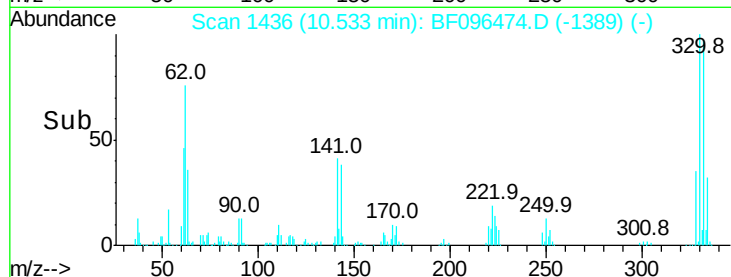
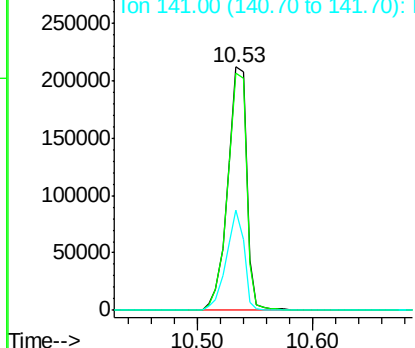
#41
 2,4,6-Tribromophenol
 Concen: 136.32 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF096474.D
 Acq: 5 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 242780
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.0 31.4 47.2

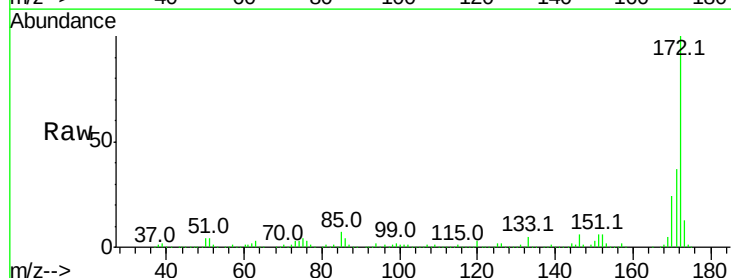


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

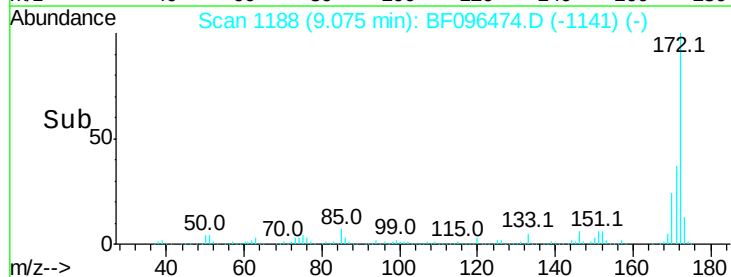
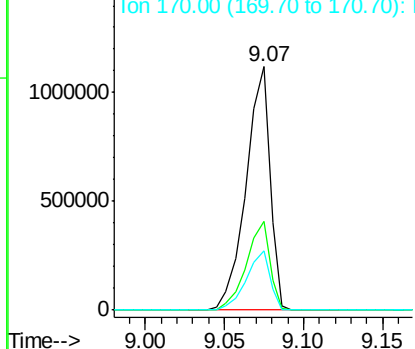


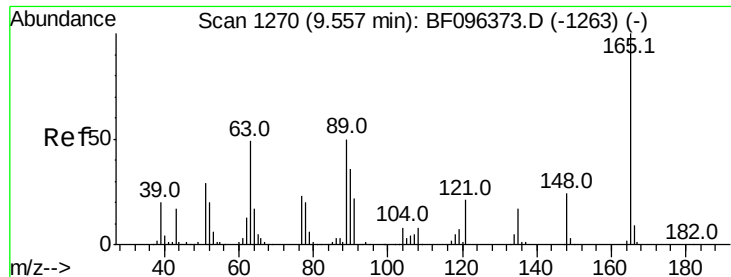
#44
 2-Fluorobiphenyl
 Concen: 88.07 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF096474.D
 Acq: 5 Jul 2017 10:45

Tgt Ion:172 Resp: 1174451
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.1 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

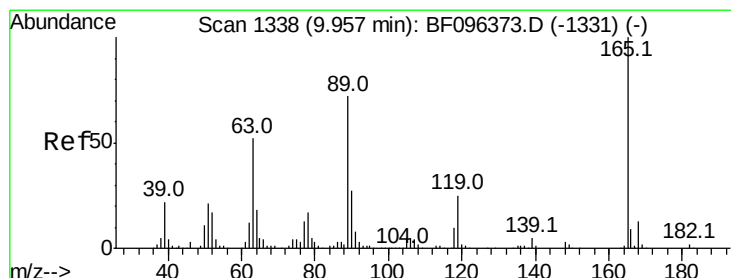
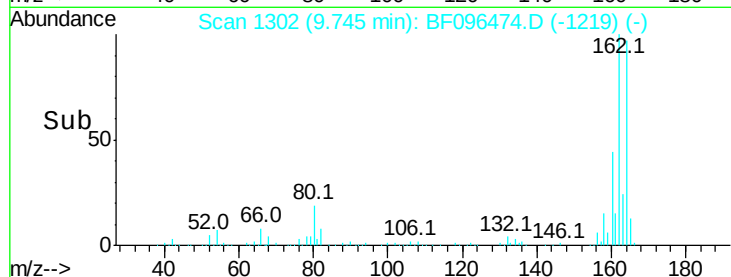
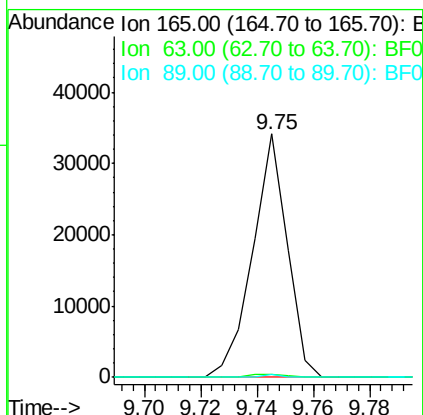
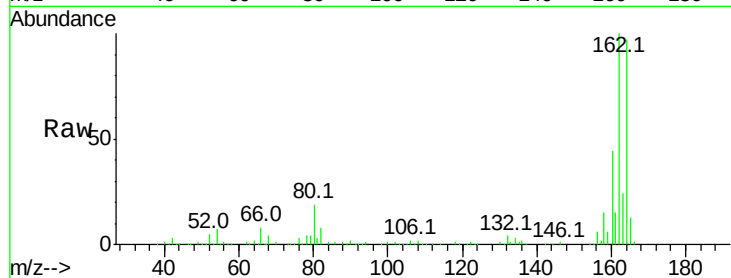




#50
 2,6-Dinitrotoluene
 Concen: 7.71 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF096474.D
 Acq: 5 Jul 2017 10:45

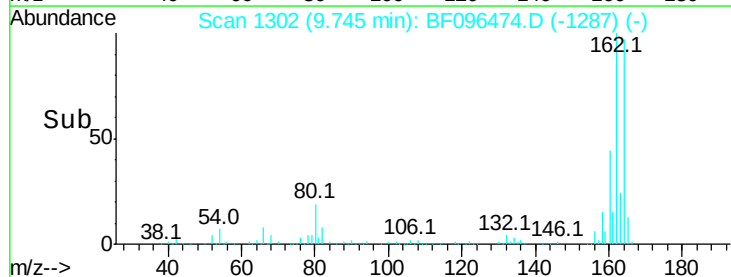
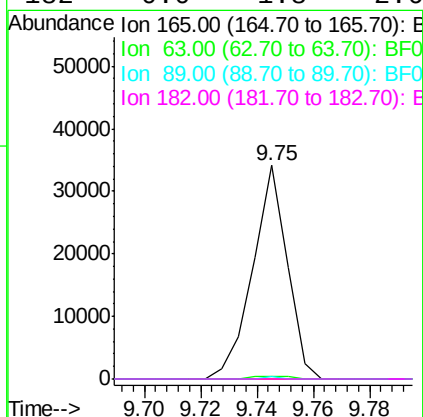
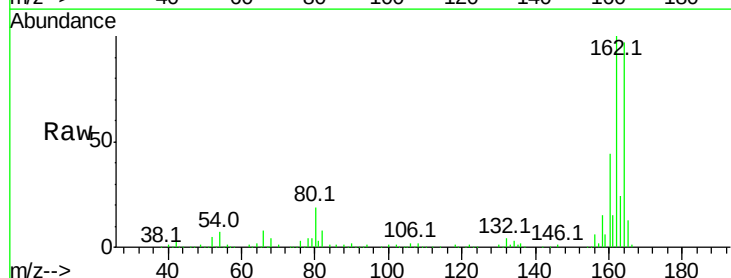
Instrument :
 BNA_F
 ClientSampleId :

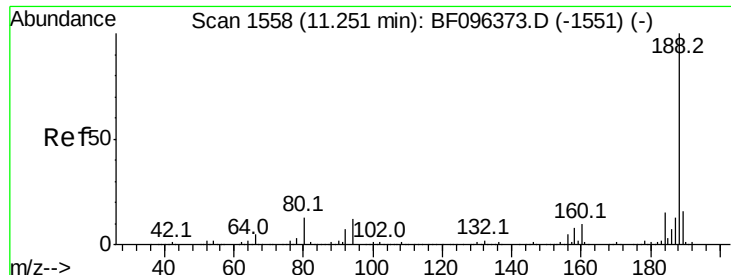
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	1.1	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF096474.D
 Acq: 5 Jul 2017 10:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF096474.D

Acq: 5 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

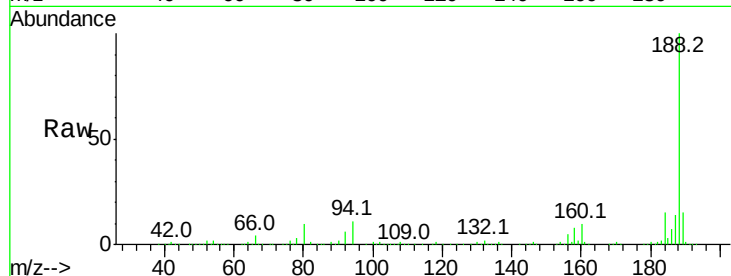
Tot Ion:188 Resp: 412577

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

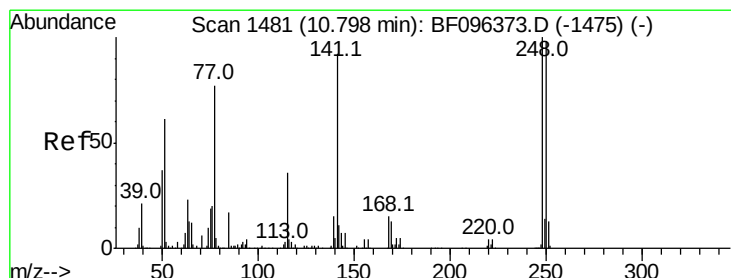
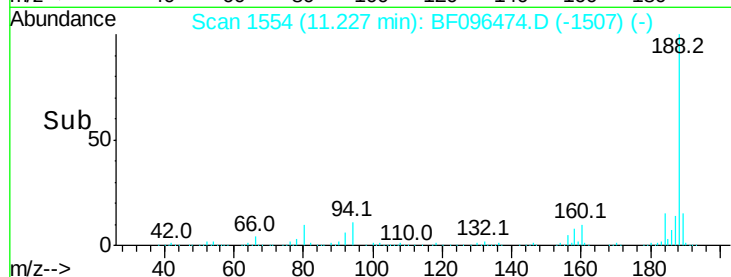
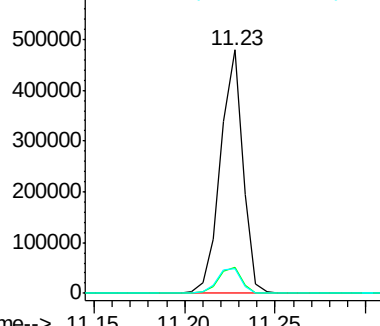
80 10.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 3.74 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.26 min

Lab File: BF096474.D

Acq: 5 Jul 2017 10:45

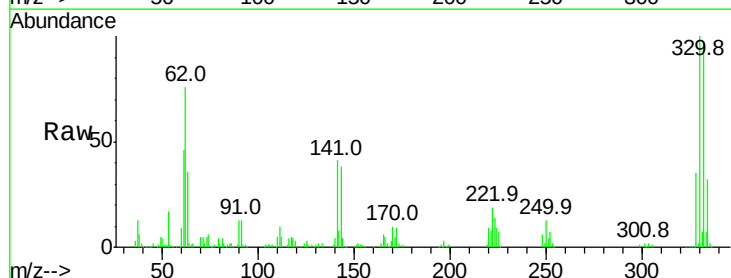
Tgt Ion:248 Resp: 15019

Ion Ratio Lower Upper

248 100

250 207.5 76.8 115.2#

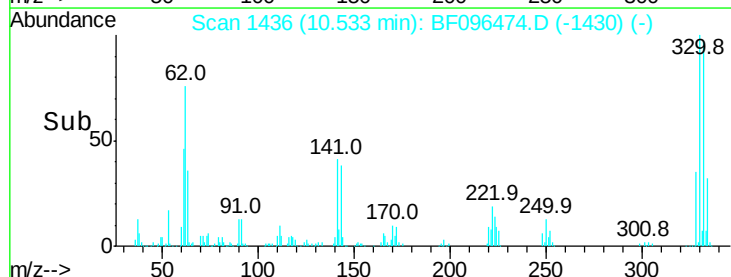
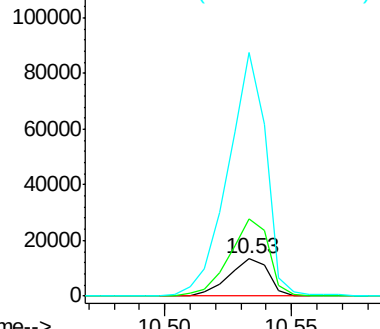
141 651.9 68.6 103.0#

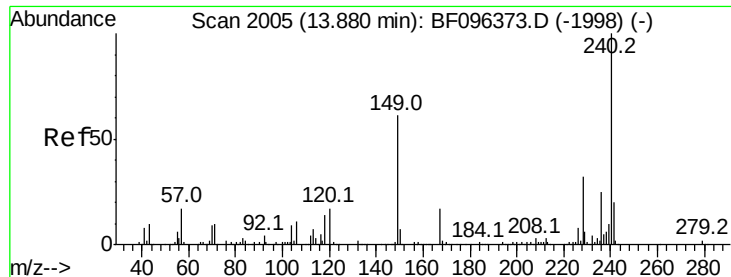


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF096474.D

Acq: 5 Jul 2017 10:45

Instrument :

BNA_F

ClientSampled :

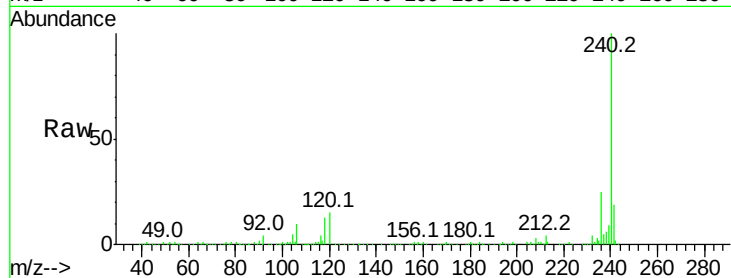
Tot Ion:240 Resp: 370678

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

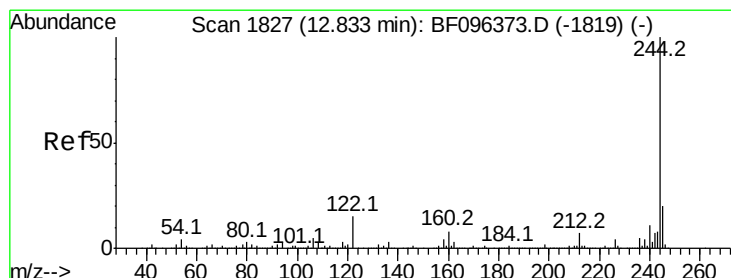
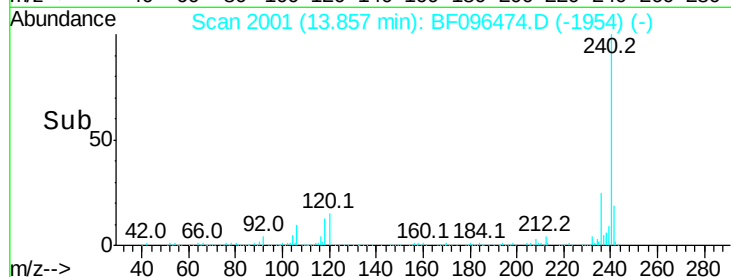
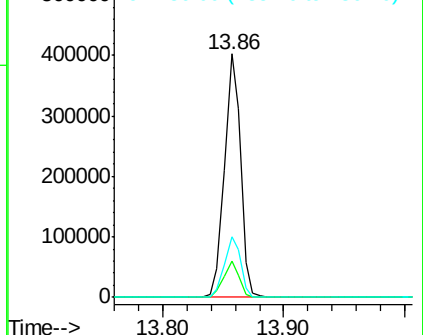
236 24.7 20.5 30.7



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: 61.09 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF096474.D

Acq: 5 Jul 2017 10:45

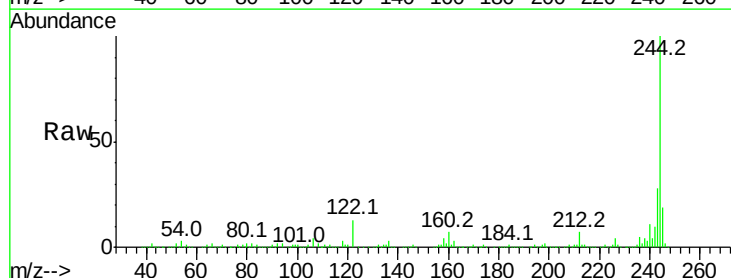
Tgt Ion:244 Resp: 1059787

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

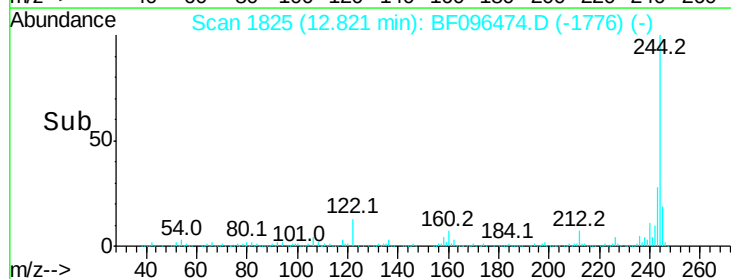
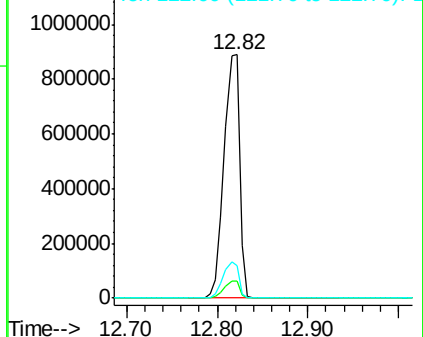
122 13.4 10.3 15.5

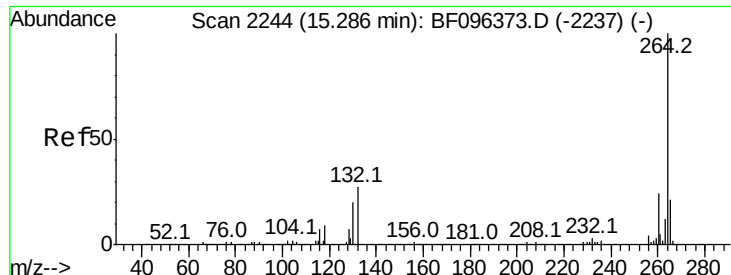


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

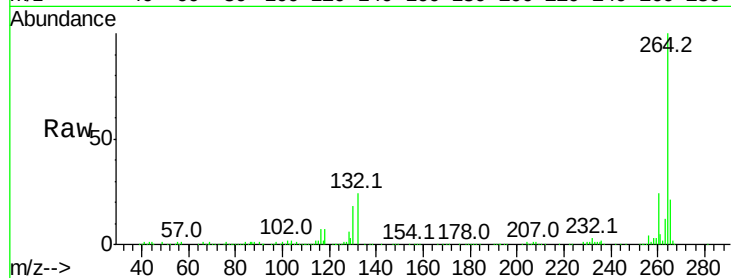




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BF096474.D
Acq: 5 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.3	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

