

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070617\
 Data File : BF096540.D
 Acq On : 6 Jul 2017 18:26
 Operator : SJ/MA
 Sample : I3999-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 01:22:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

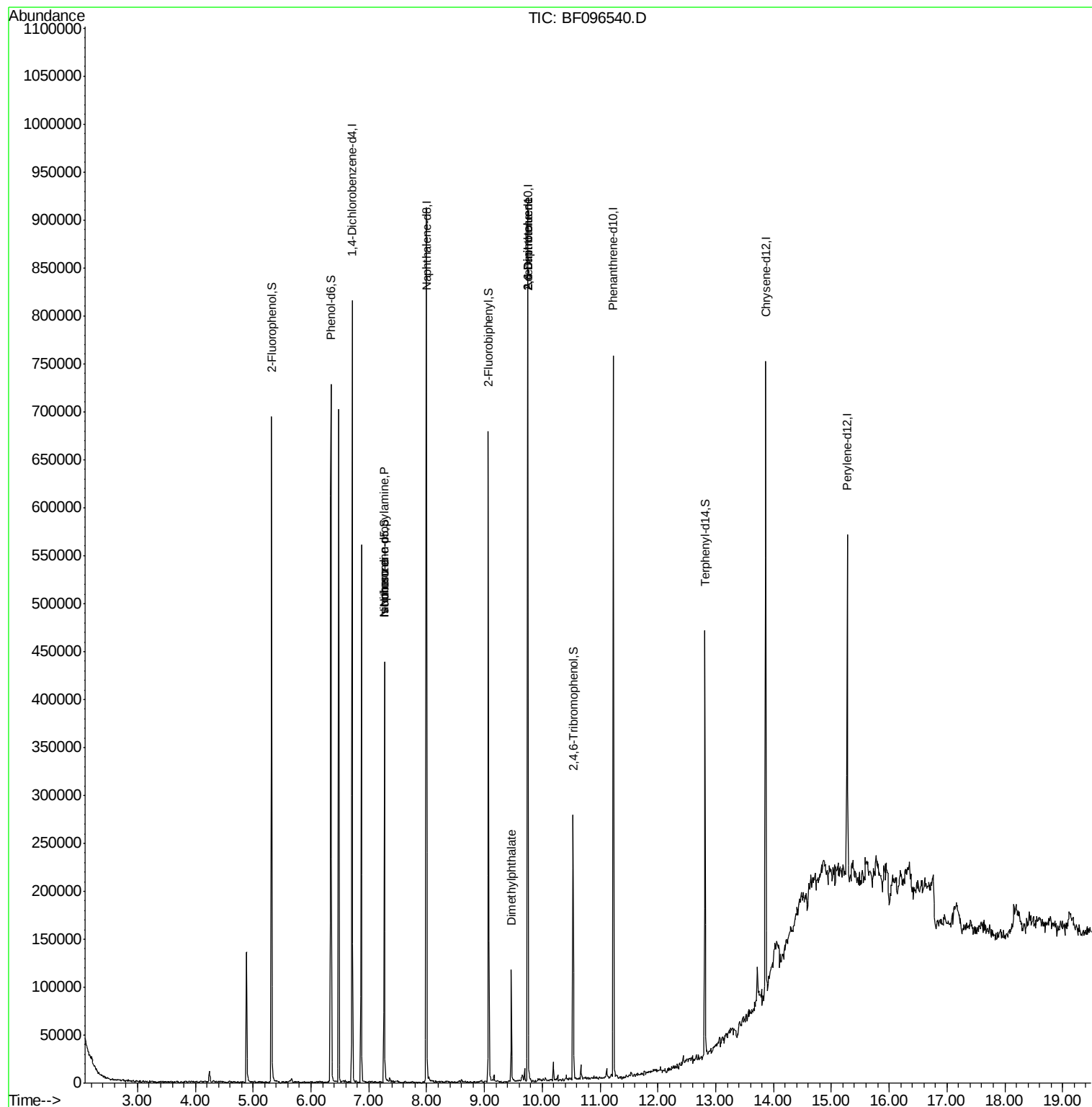
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	118389	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	435771	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	177279	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	260697	20.00	ng	0.00
75) Chrysene-d12	13.86	240	210821	20.00	ng	0.00
86) Perylene-d12	15.27	264	157536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	177168	22.09	ng	0.00
7) Phenol-d6	6.35	99	222307	22.54	ng	-0.01
23) Nitrobenzene-d5	7.27	82	117225	16.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	29143	21.05	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	221015	21.32	ng	0.00
78) Terphenyl-d14	12.82	244	133205	13.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	14346	2.44	ng	# 83
25) Isophorone	7.27	82	116385	8.28	ng	# 67
49) Dimethylphthalate	9.46	163	48012	3.63	ng	100
50) 2,6-Dinitrotoluene	9.75	165	22131	7.56	ng	# 34
56) 2,4-Dinitrotoluene	9.75	165	22131	5.97	ng	# 33

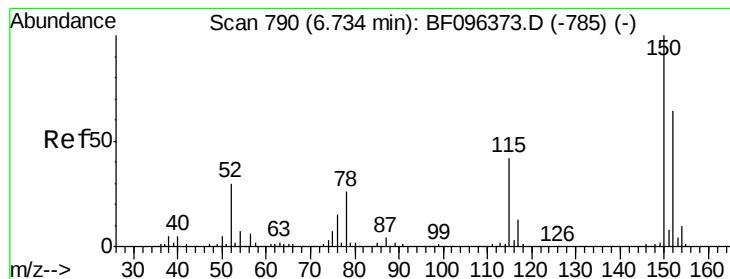
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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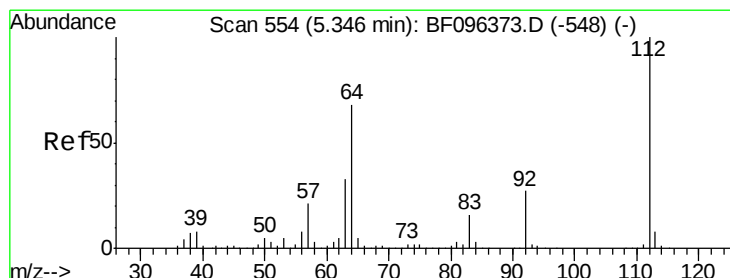
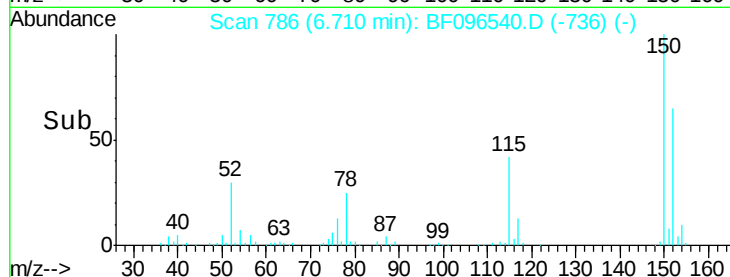
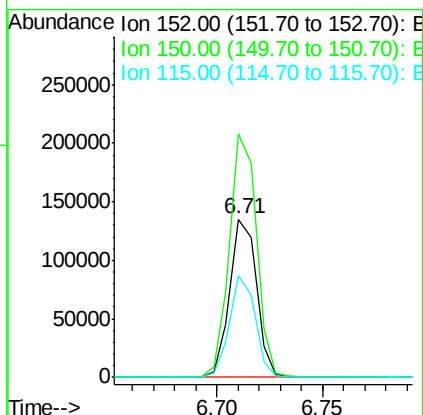
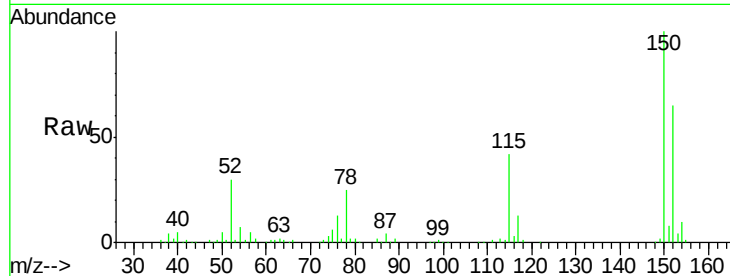


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096540.D
Acq: 6 Jul 2017 18:26

Instrument :
BNA_F
ClientSampled :

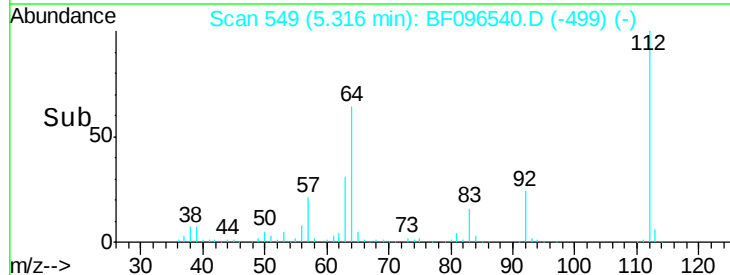
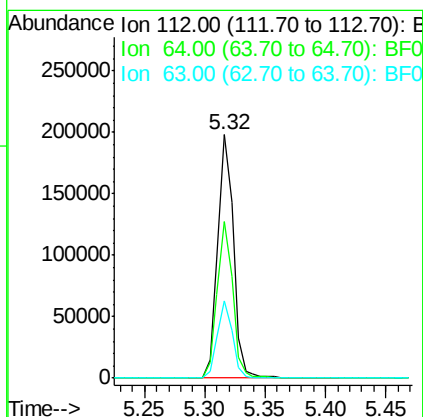
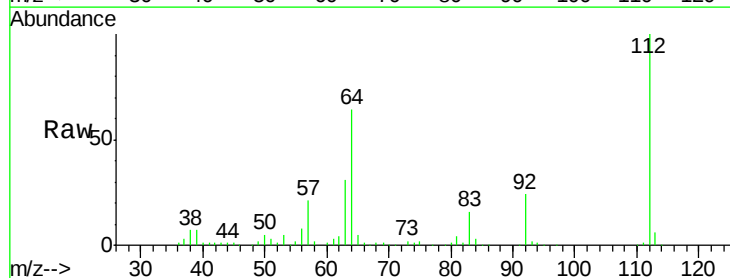
Tot Ion:152 Resp: 118389
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 64.4 52.2 78.2

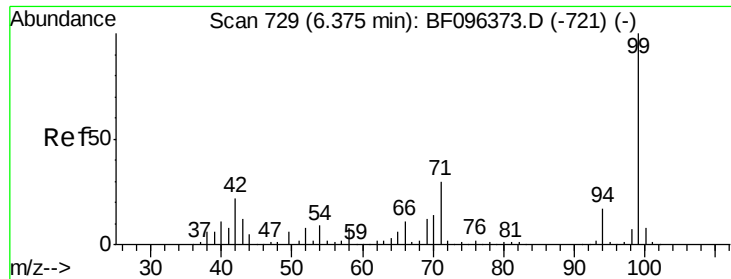


#5

2-Fluorophenol
Concen: 22.09 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF096540.D
Acq: 6 Jul 2017 18:26

Tgt Ion:112 Resp: 177168
Ion Ratio Lower Upper
112 100
64 64.1 46.0 69.0
63 31.5 23.4 35.0





#7

Phenol-d6

Concen: 22.54 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096540.D

Acq: 6 Jul 2017 18:26

Instrument :

BNA_F

ClientSampleId :

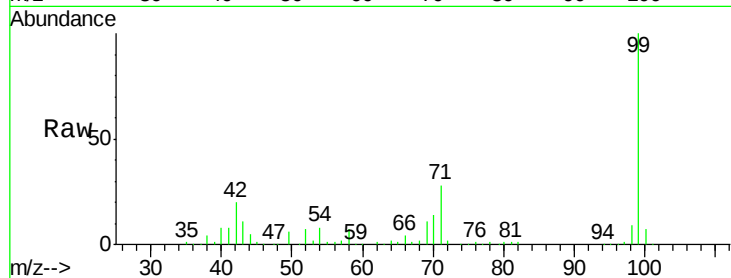
Tot Ion: 99 Resp: 222307

Ion Ratio Lower Upper

99 100

42 19.9 13.5 20.3

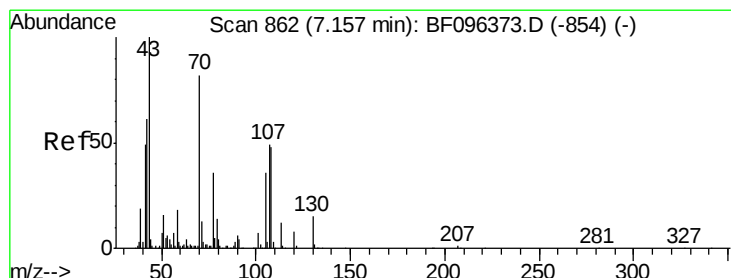
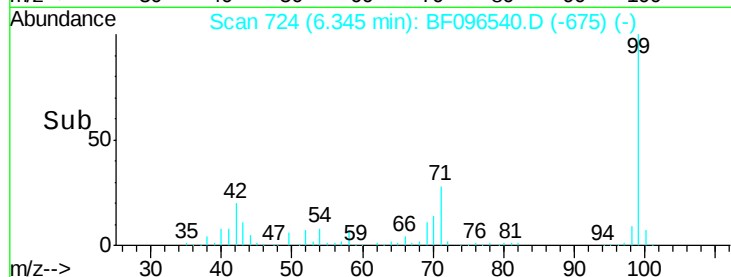
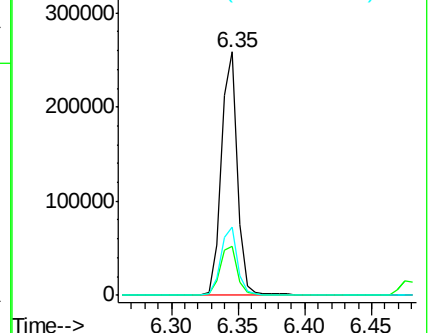
71 28.0 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.44 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF096540.D

Acq: 6 Jul 2017 18:26

Tgt Ion: 70 Resp: 14346

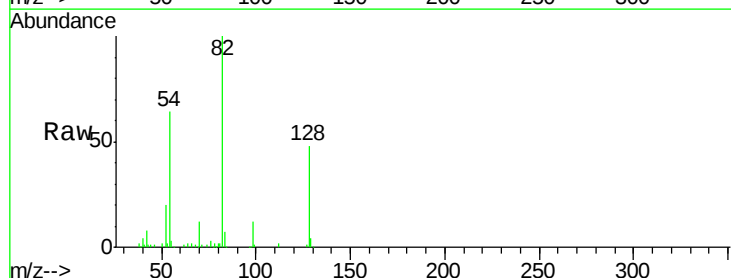
Ion Ratio Lower Upper

70 100

42 65.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

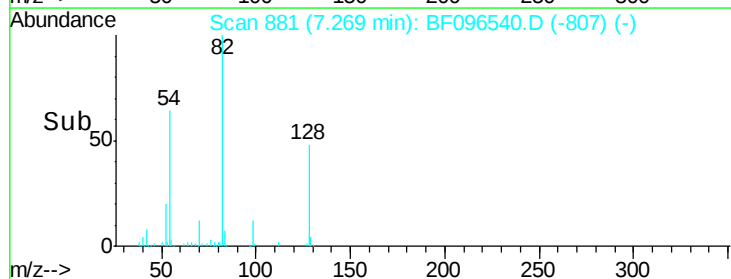
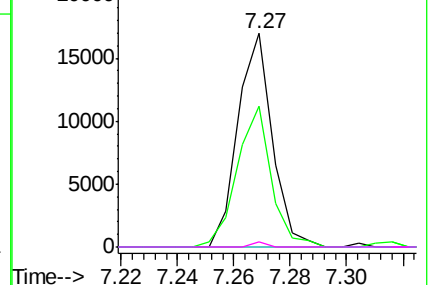


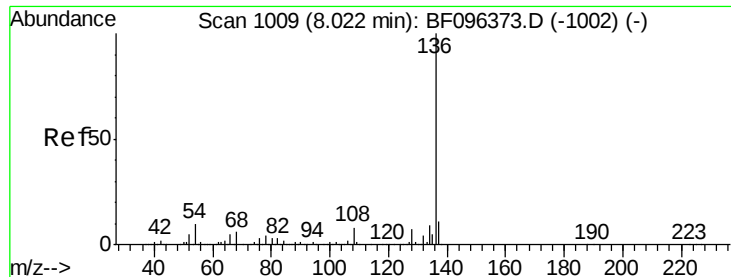
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF096540.D

Acq: 6 Jul 2017 18:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 435771

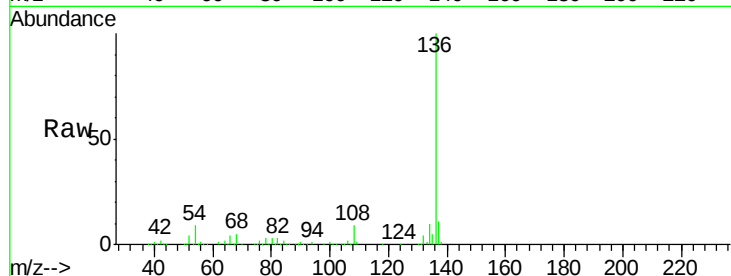
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.2 4.9 7.3#

68 5.0 4.1 6.1

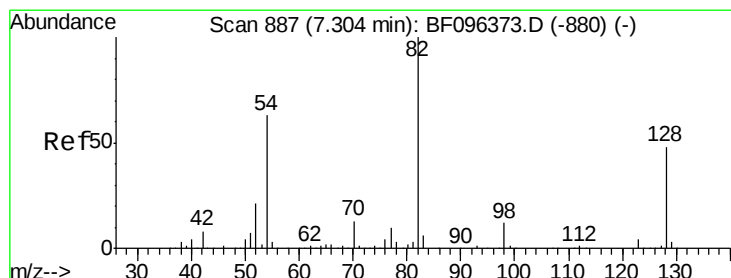
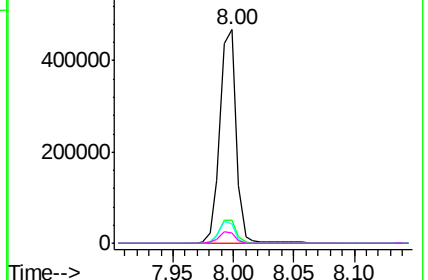
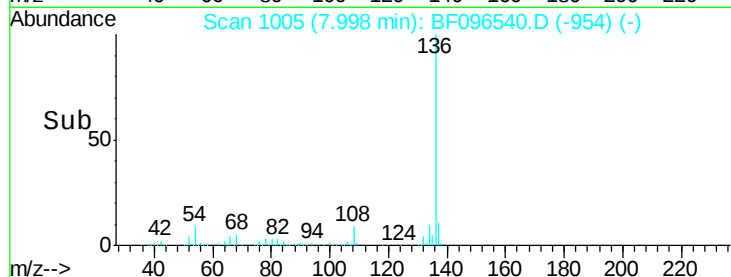


Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.16 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF096540.D

Acq: 6 Jul 2017 18:26

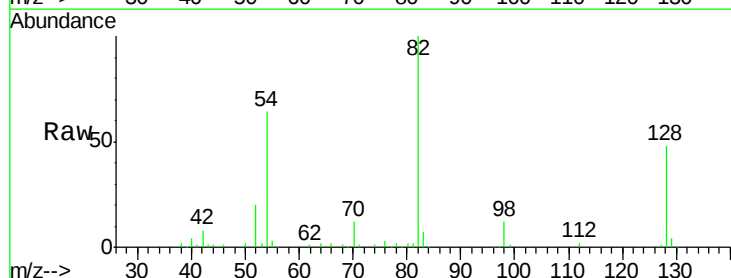
Tgt Ion: 82 Resp: 117225

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

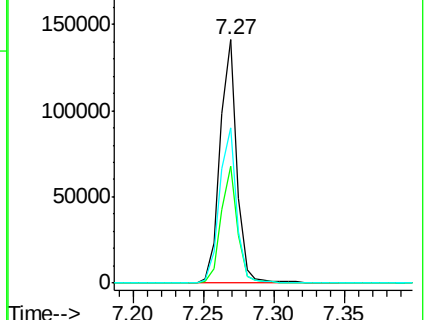
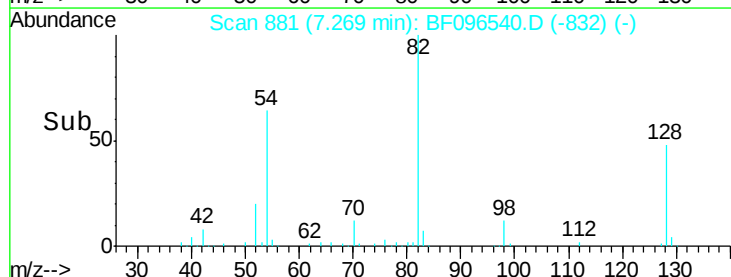
54 63.7 42.2 63.2#

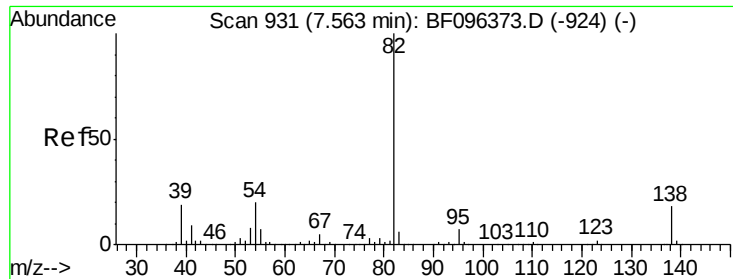


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

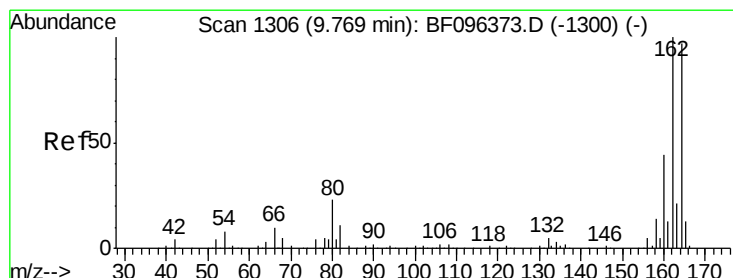
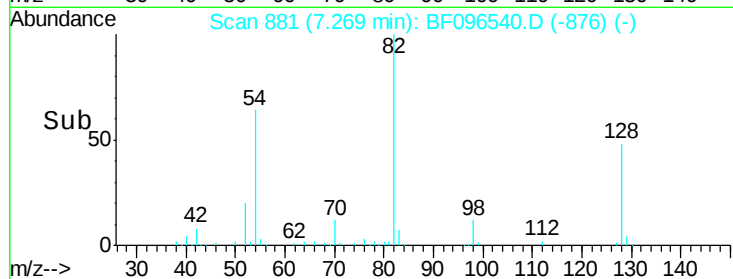
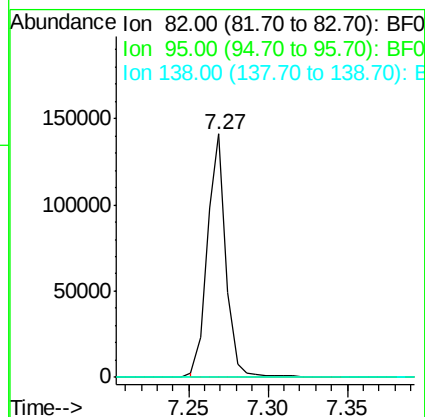
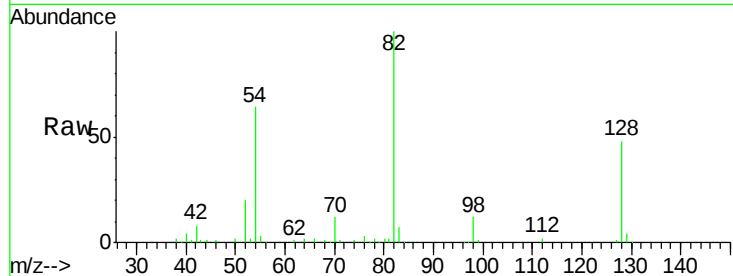




#25
Isophorone
Concen: 8.28 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF096540.D
Acq: 6 Jul 2017 18:26

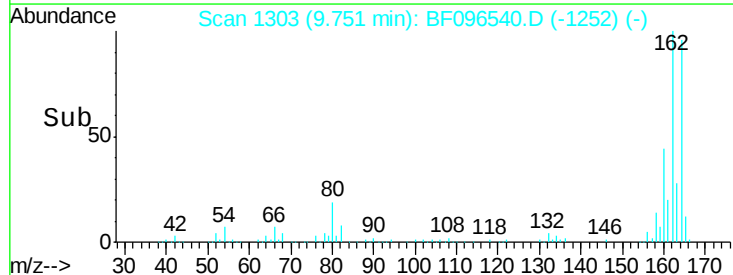
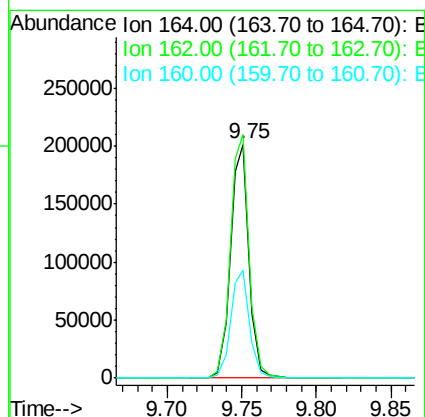
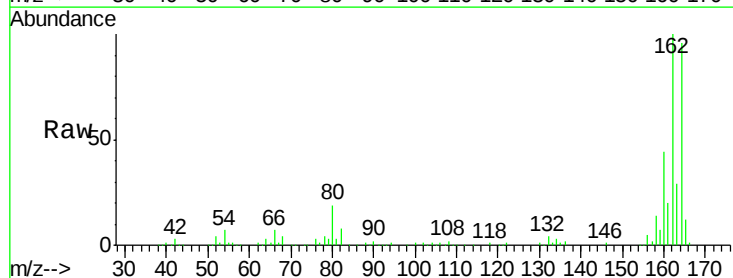
Instrument :
BNA_F
ClientSampled :

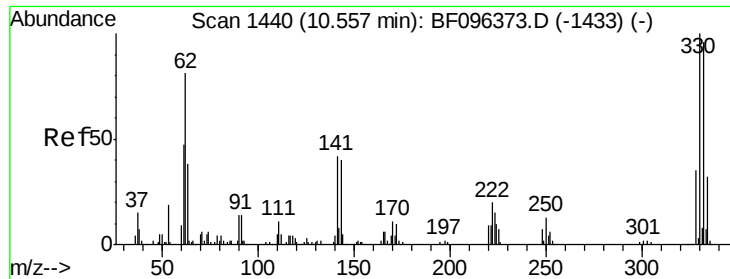
Tot Ion: 82 Resp: 116385
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096540.D
Acq: 6 Jul 2017 18:26

Tgt Ion:164 Resp: 177279
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 46.3 36.2 54.2

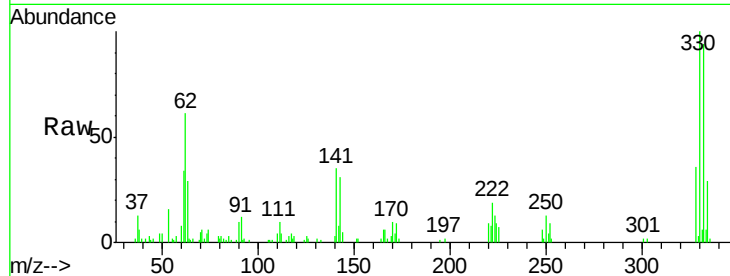




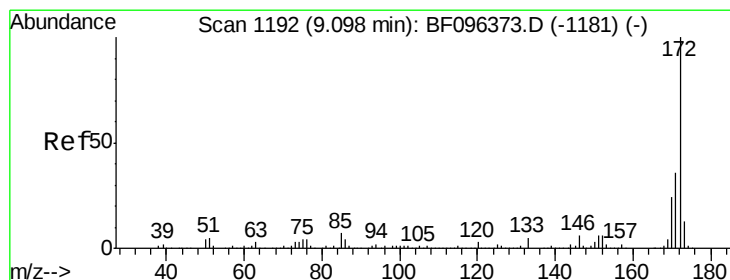
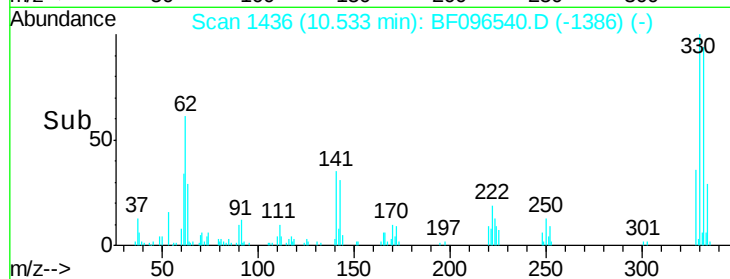
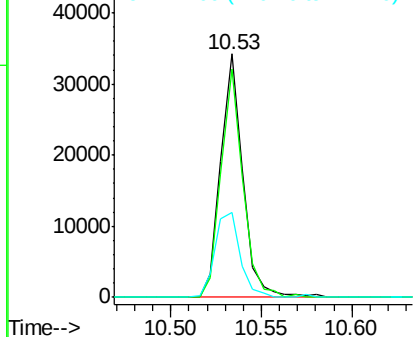
#41
 2,4,6-Tribromophenol
 Concen: 21.05 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096540.D
 Acq: 6 Jul 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 29143
 Ion Ratio Lower Upper
 330 100
 332 92.5 76.6 115.0
 141 39.6 31.4 47.2

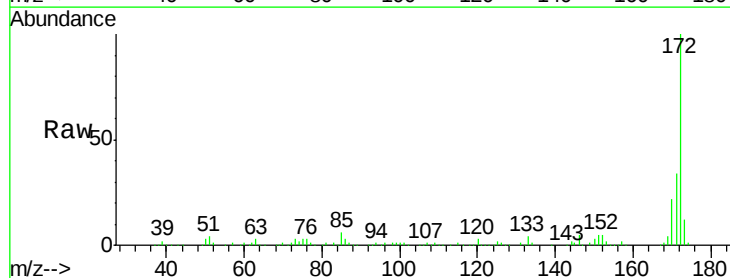


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

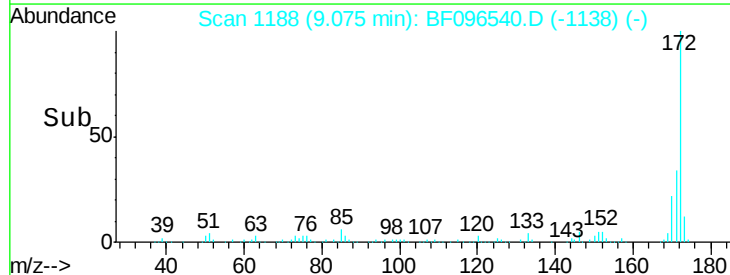
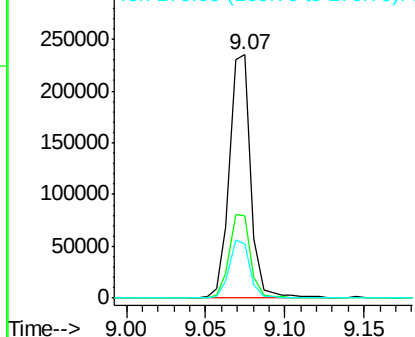


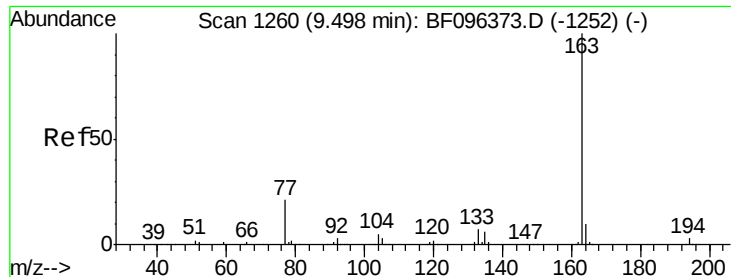
#44
 2-Fluorobiphenyl
 Concen: 21.32 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096540.D
 Acq: 6 Jul 2017 18:26

Tgt Ion:172 Resp: 221015
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.6 44.4
 170 22.2 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

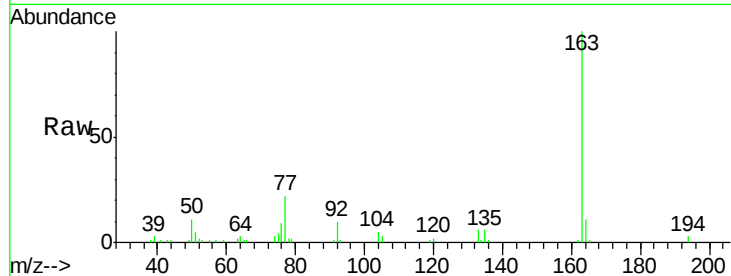




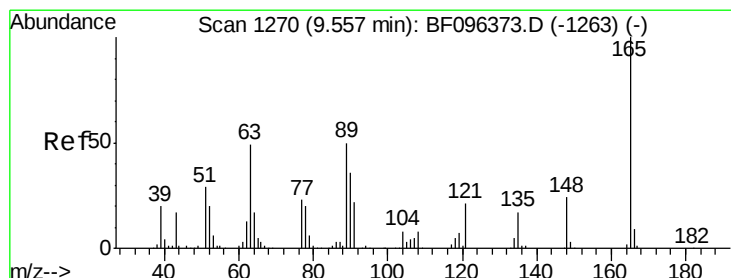
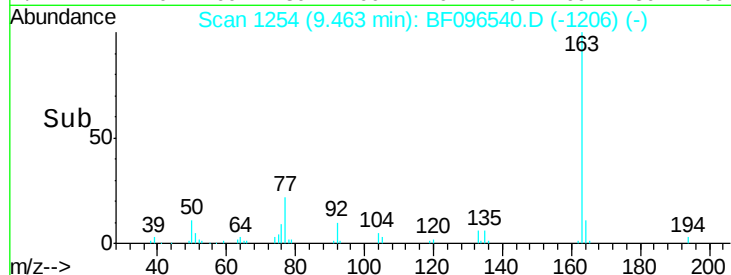
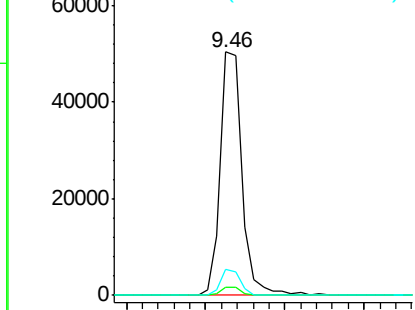
#49
Dimethylphthalate
Concen: 3.63 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF096540.D
Acq: 6 Jul 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 48012
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.7 8.4 12.6

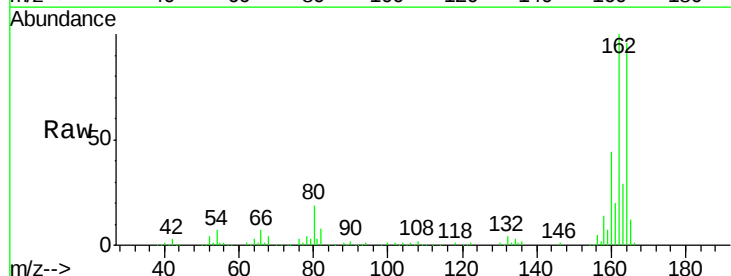


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

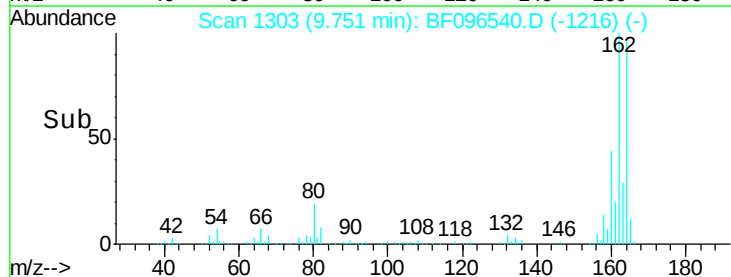
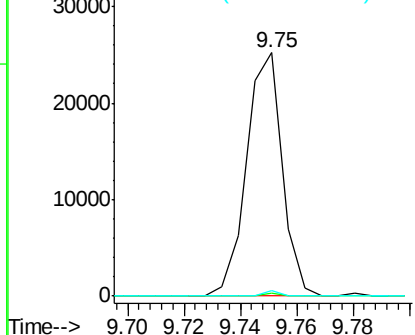


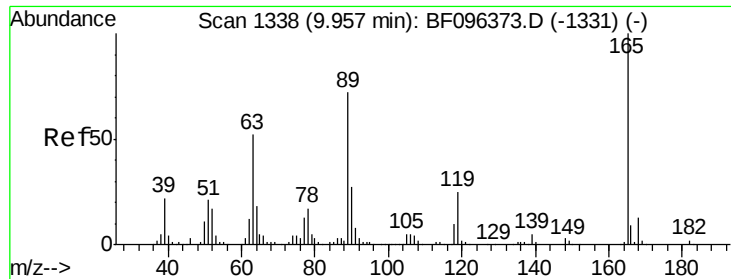
#50
2,6-Dinitrotoluene
Concen: 7.56 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF096540.D
Acq: 6 Jul 2017 18:26

Tgt Ion:165 Resp: 22131
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 2.2 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

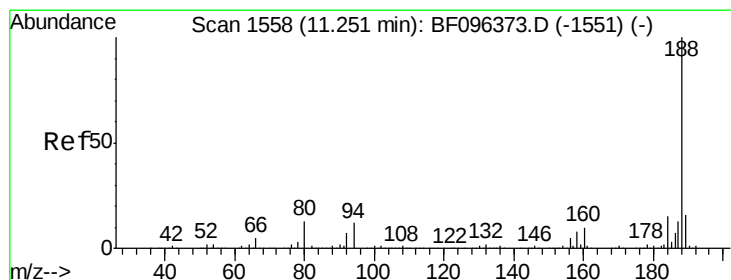
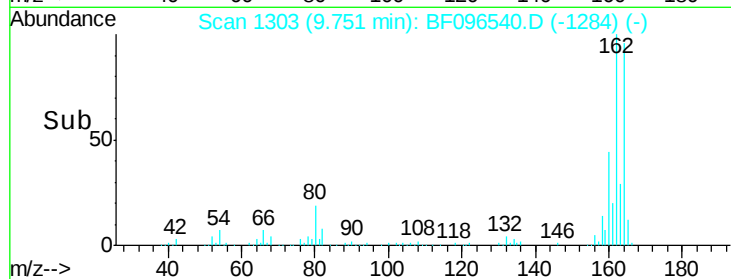
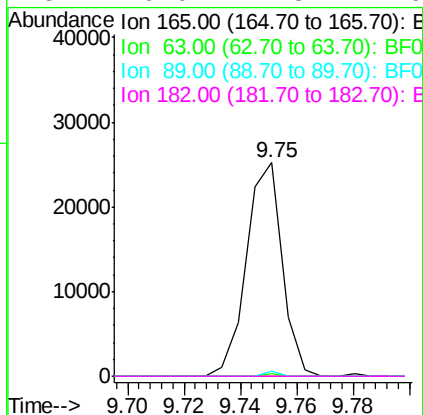
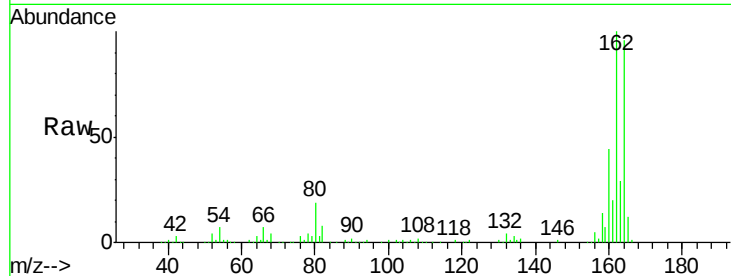




#56
 2,4-Dinitrotoluene
 Concen: 5.97 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF096540.D
 Acq: 6 Jul 2017 18:26

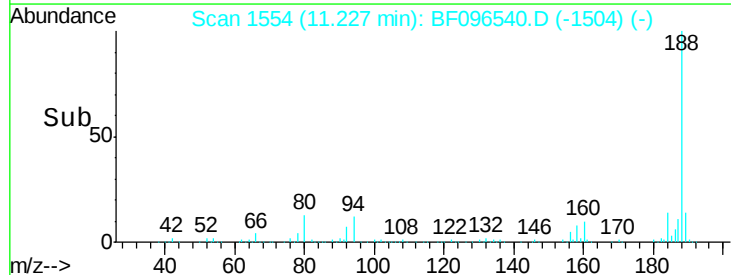
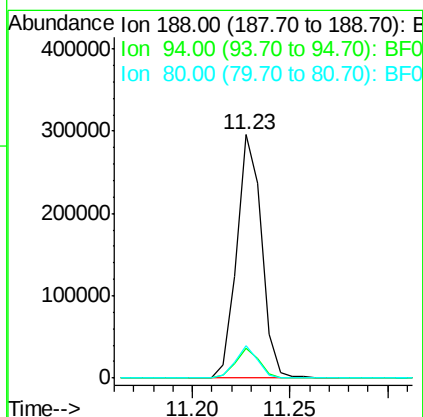
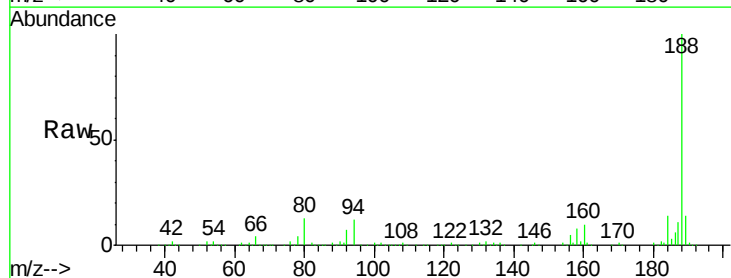
Instrument :
 BNA_F
 ClientSampleId :

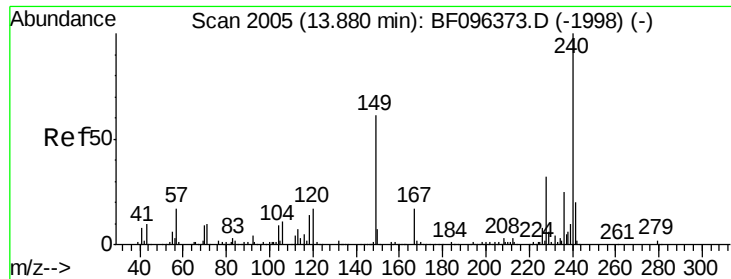
Tot Ion:165	Resp:	22131
Ion Ratio	Lower	Upper
165	100	
63	1.2	25.4 38.0#
89	2.2	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF096540.D
 Acq: 6 Jul 2017 18:26

Tgt Ion:188	Resp:	260697
Ion Ratio	Lower	Upper
188	100	
94	12.4	9.4 14.2
80	13.1	10.2 15.2





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096540.D

Acq: 6 Jul 2017 18:26

Instrument :

BNA_F

ClientSampleId :

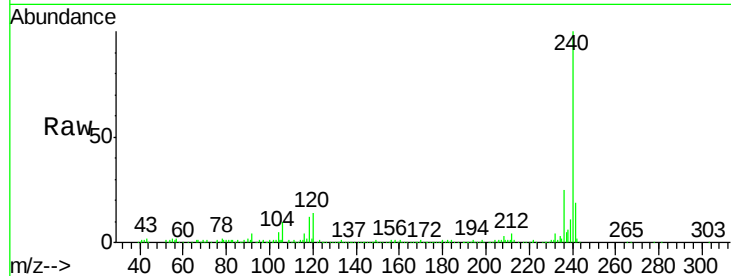
Tot Ion:240 Resp: 210821

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

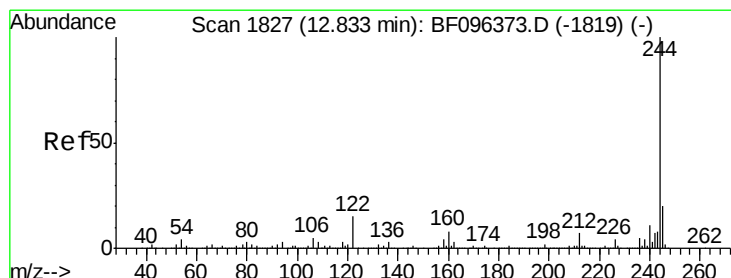
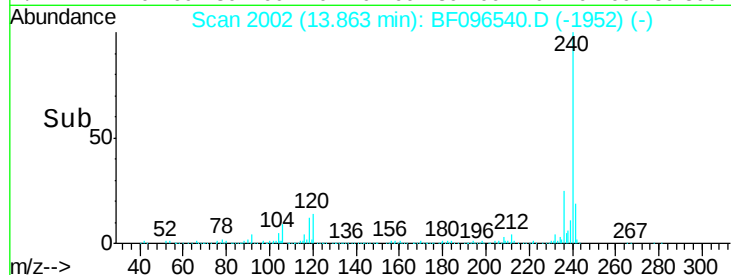
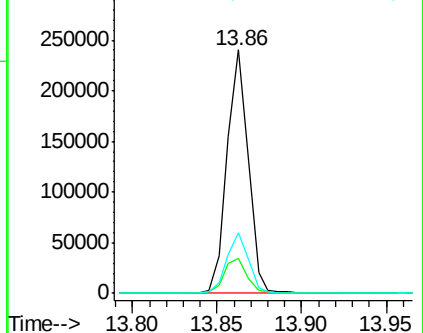
236 24.9 20.5 30.7



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: 13.50 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096540.D

Acq: 6 Jul 2017 18:26

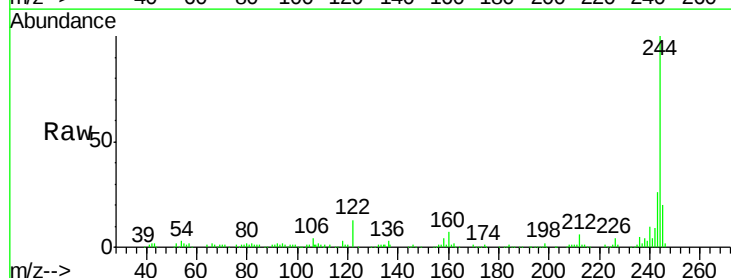
Tgt Ion:244 Resp: 133205

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

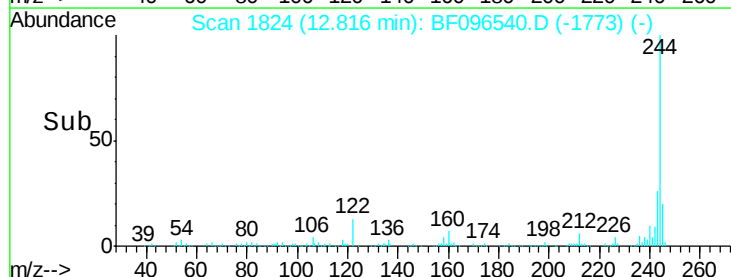
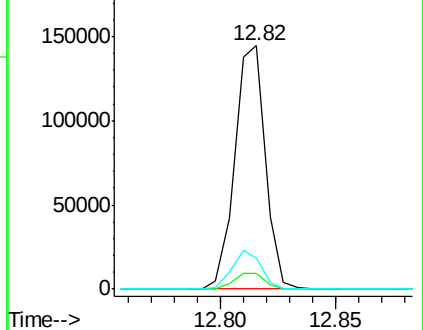
122 12.9 10.3 15.5

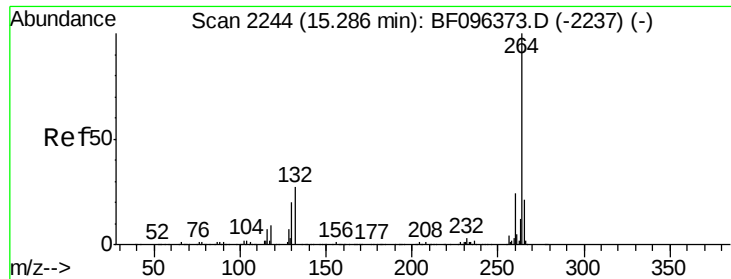


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

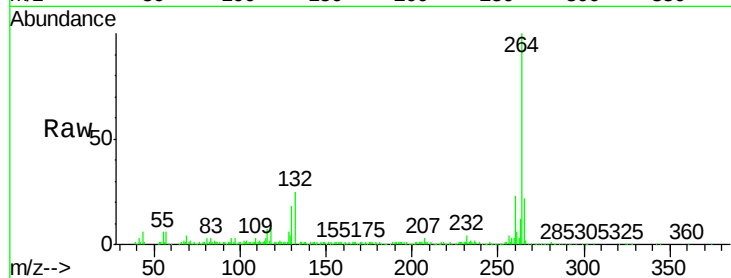




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096540.D
Acq: 6 Jul 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.9	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

