

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
 Data File : BF096418.D
 Acq On : 2 Jul 2017 16:12
 Operator : SJ/MA
 Sample : I3950-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 04:32:04 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

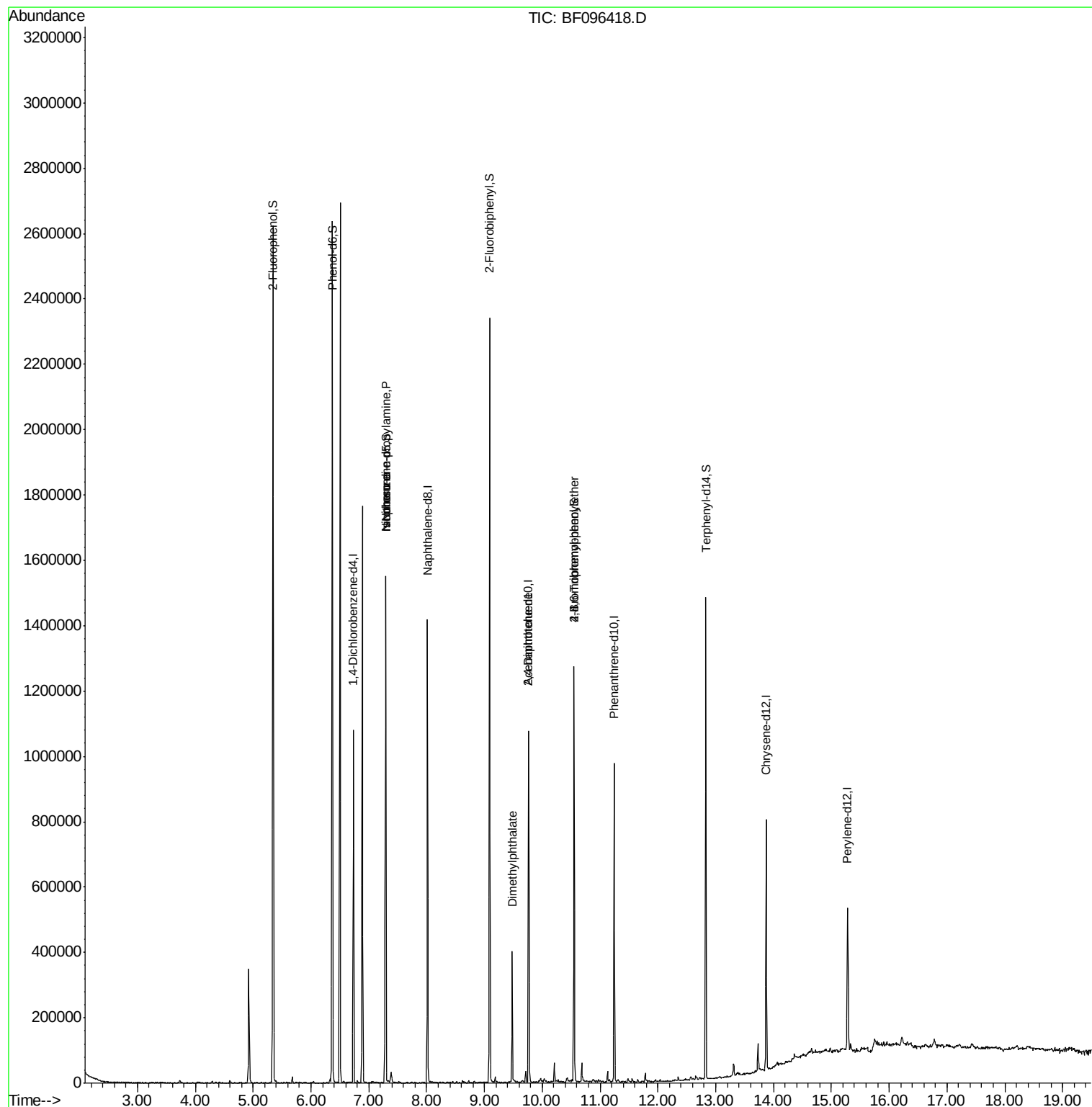
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	145094	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	567557	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	222772	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	318771	20.00	ng	0.00
75) Chrysene-d12	13.87	240	257427	20.00	ng	0.00
86) Perylene-d12	15.28	264	183987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	738849	75.16	ng	0.00
7) Phenol-d6	6.37	99	882963	73.06	ng	0.00
23) Nitrobenzene-d5	7.29	82	433631	45.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	133785	76.88	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	691459	53.07	ng	0.00
78) Terphenyl-d14	12.83	244	412171	34.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	56665	7.87	ng	# 87
25) Isophorone	7.29	82	431764	23.58	ng	# 67
49) Dimethylphthalate	9.48	163	155349	9.34	ng	99
56) 2,4-Dinitrotoluene	9.76	165	27836	5.98	ng	# 33
66) 4-Bromophenyl-phenylether	10.55	248	9103	2.93	ng	# 1

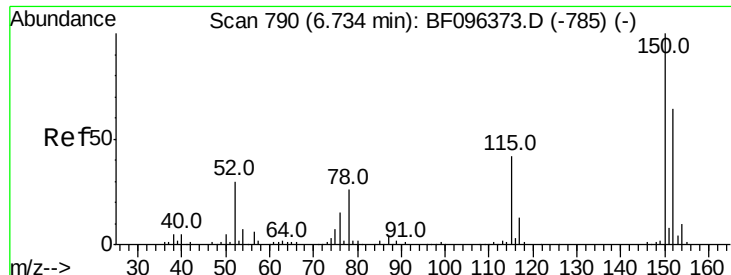
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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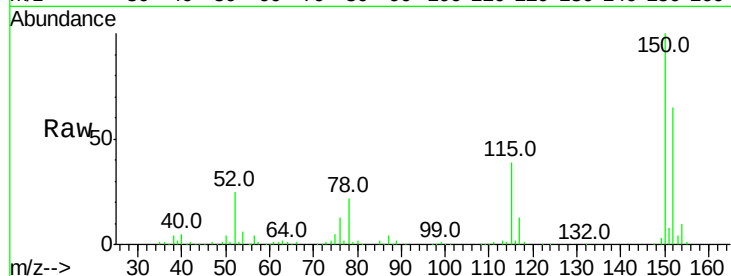


#1

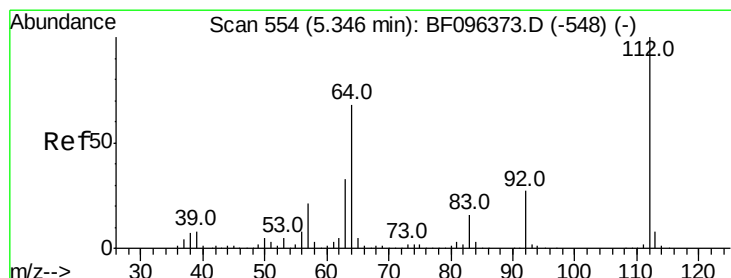
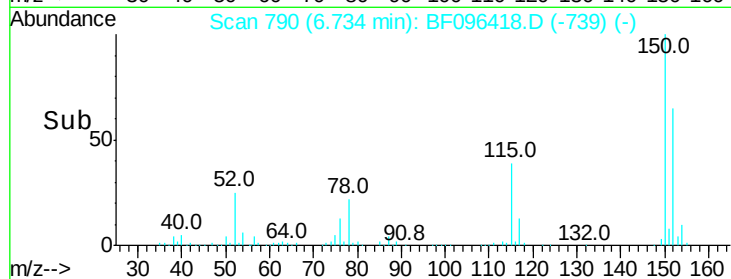
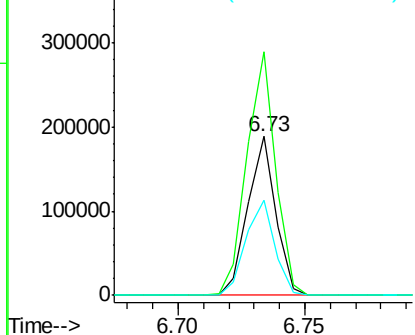
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096418.D
Acq: 2 Jul 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145094
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.2
115 60.2 52.2 78.2



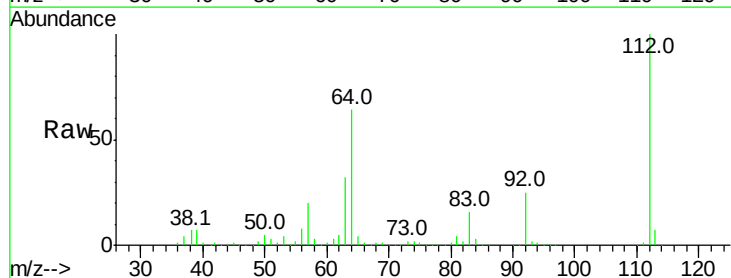
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



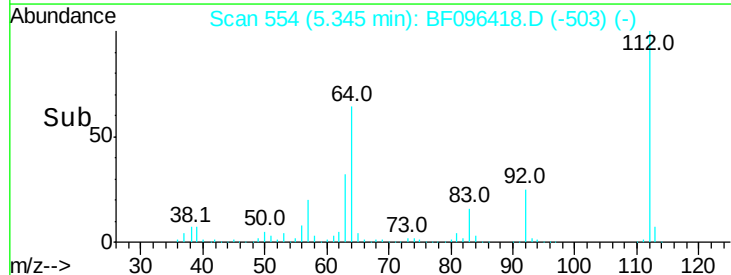
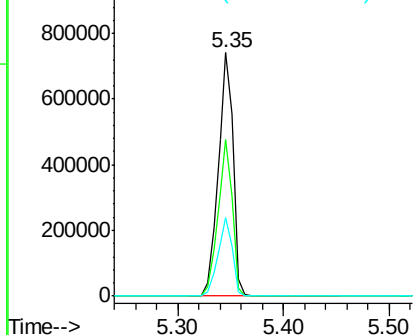
#5

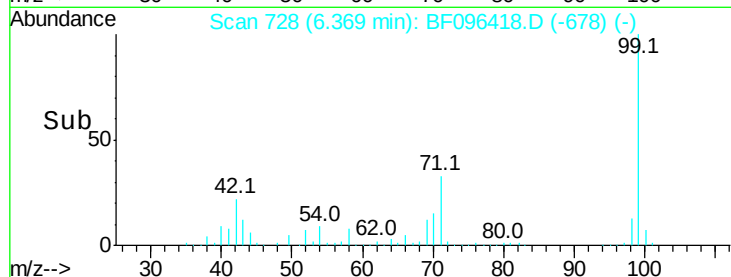
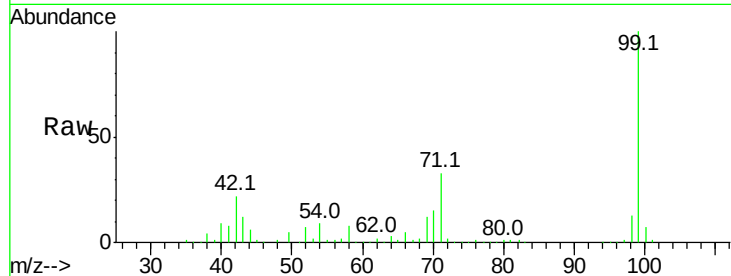
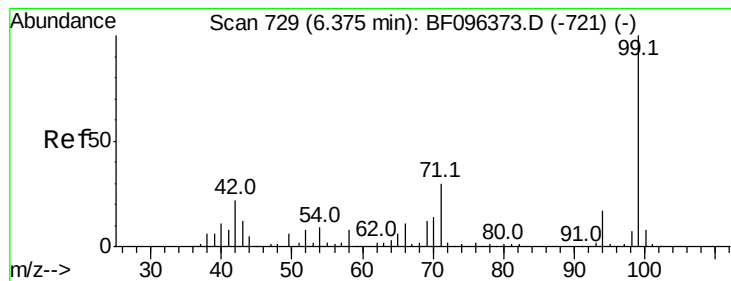
2-Fluorophenol
Concen: 75.16 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF096418.D
Acq: 2 Jul 2017 16:12

Tgt Ion:112 Resp: 738849
Ion Ratio Lower Upper
112 100
64 64.5 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: 73.06 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096418.D

Acq: 2 Jul 2017 16:12

Instrument :

BNA_F

ClientSampleId :

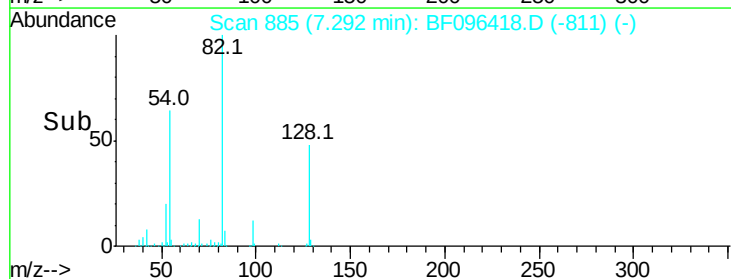
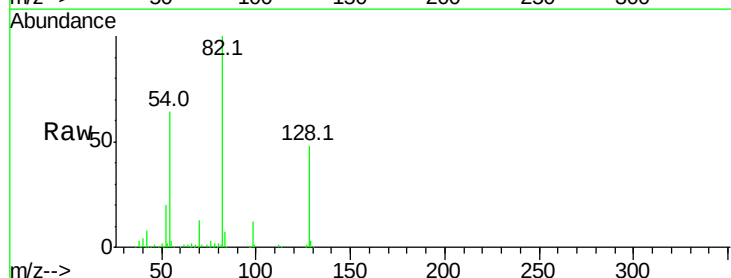
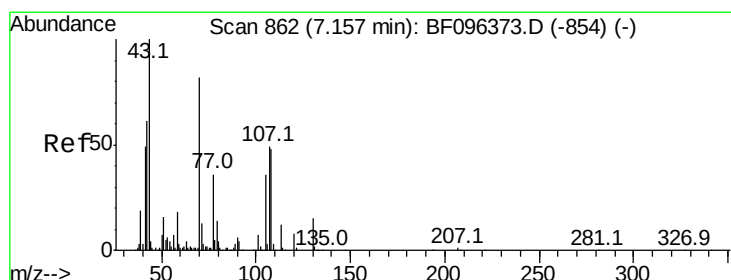
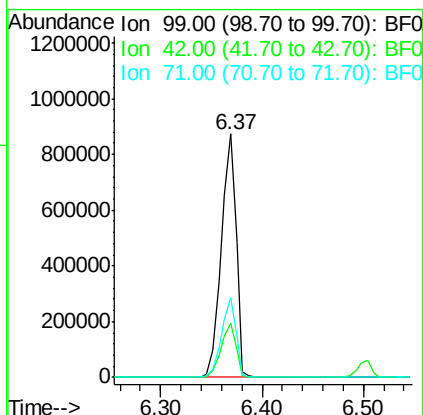
Tot Ion: 99 Resp: 882963

Ion Ratio Lower Upper

99 100

42 22.4 13.5 20.3#

71 32.9 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 7.87 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF096418.D

Acq: 2 Jul 2017 16:12

Tgt Ion: 70 Resp: 56665

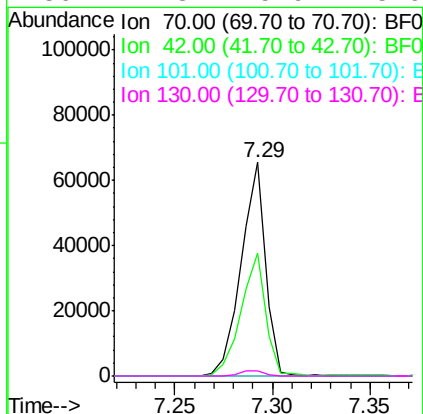
Ion Ratio Lower Upper

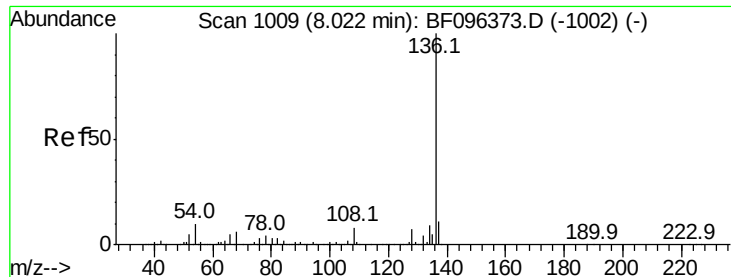
70 100

42 57.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096418.D

Acq: 2 Jul 2017 16:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 567557

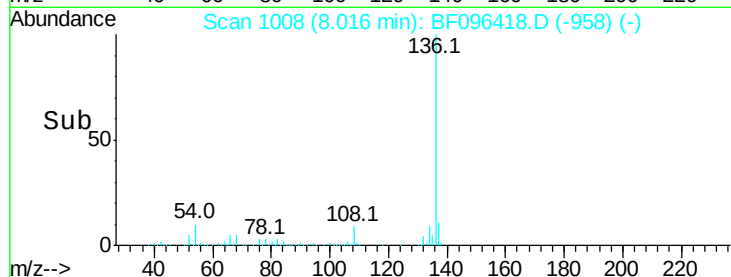
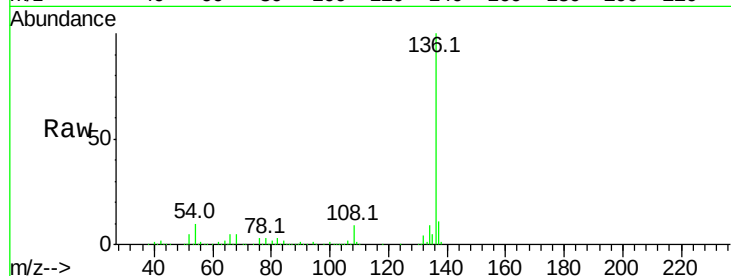
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.6 4.9 7.3#

68 5.0 4.1 6.1

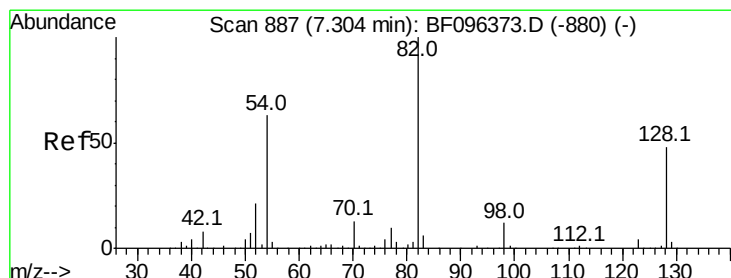
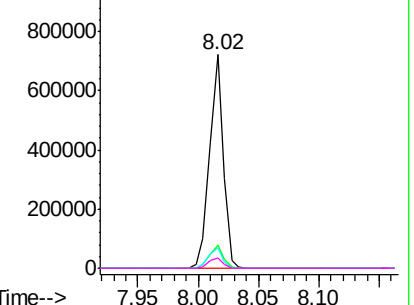


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.91 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF096418.D

Acq: 2 Jul 2017 16:12

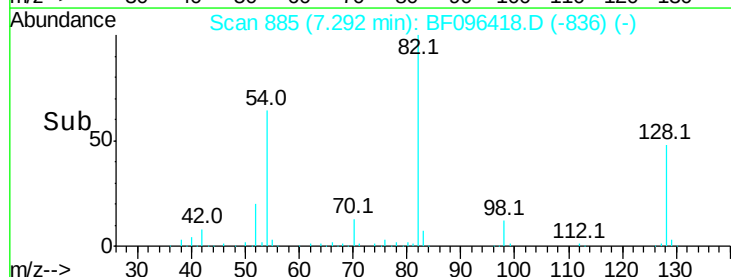
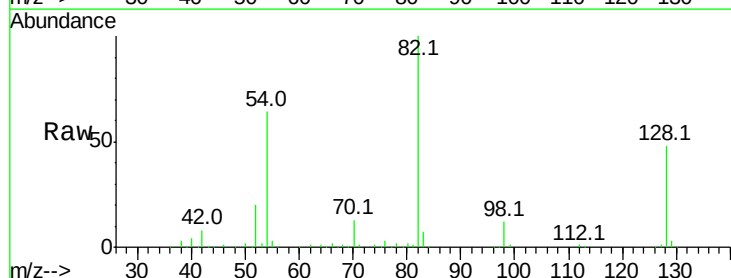
Tgt Ion: 82 Resp: 433631

Ion Ratio Lower Upper

82 100

128 48.2 34.0 51.0

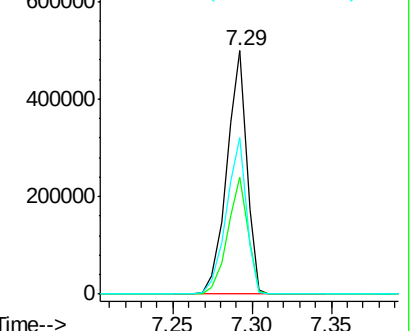
54 64.1 42.2 63.2#

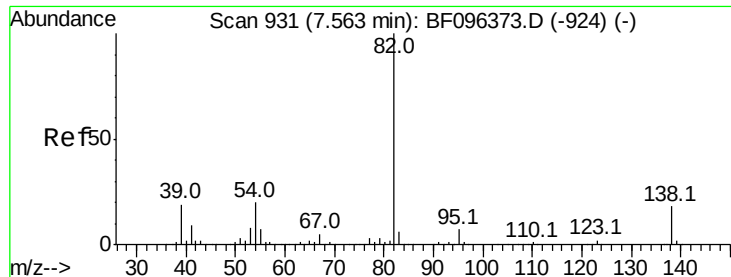


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 23.58 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF096418.D

Acq: 2 Jul 2017 16:12

Instrument :

BNA_F

ClientSampleId :

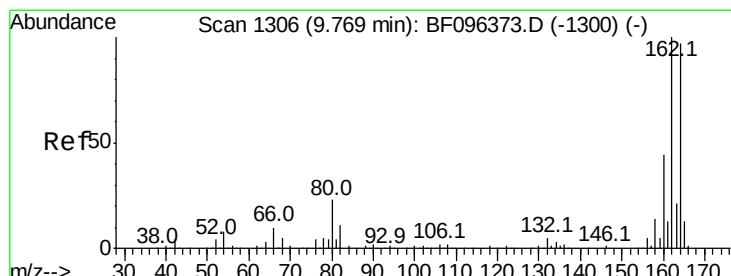
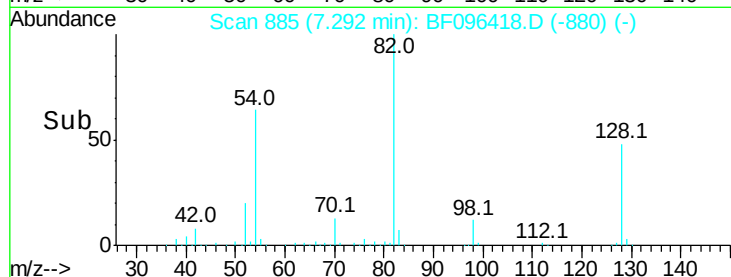
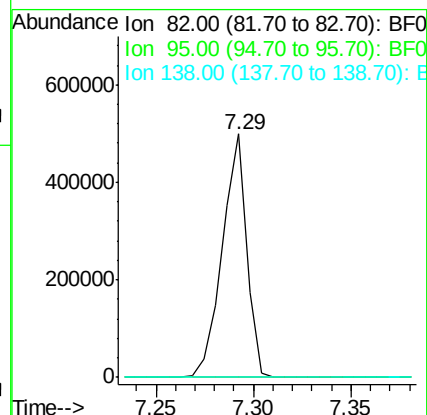
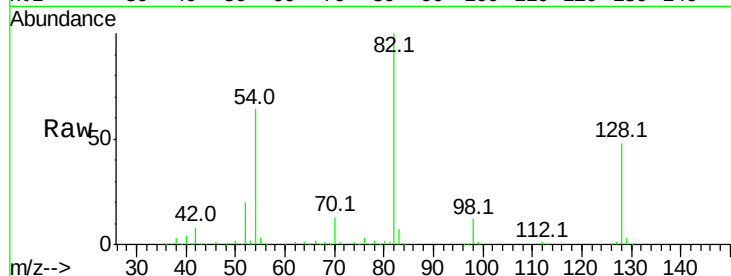
Tot Ion: 82 Resp: 431764

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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096418.D

Acq: 2 Jul 2017 16:12

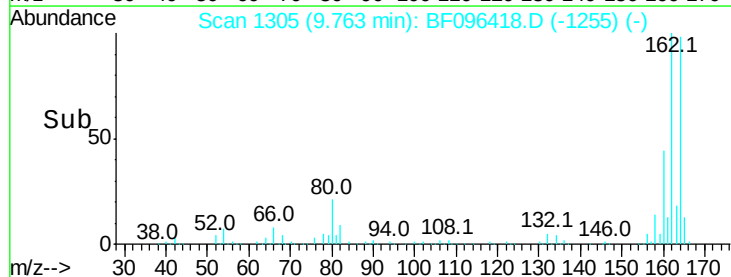
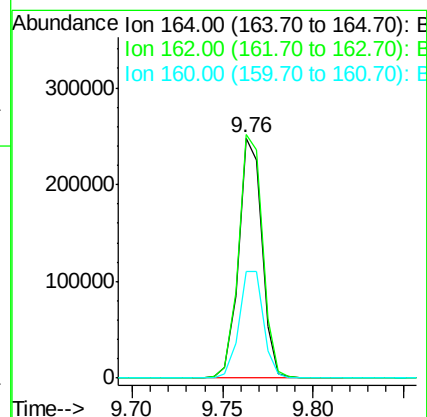
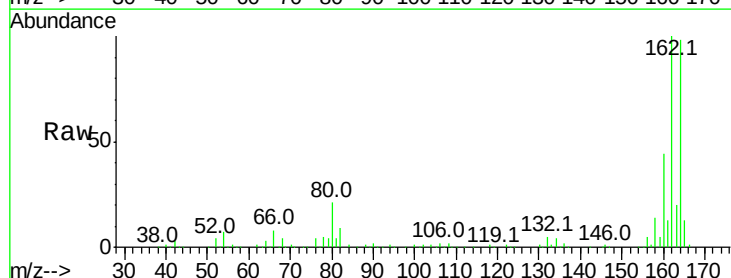
Tgt Ion:164 Resp: 222772

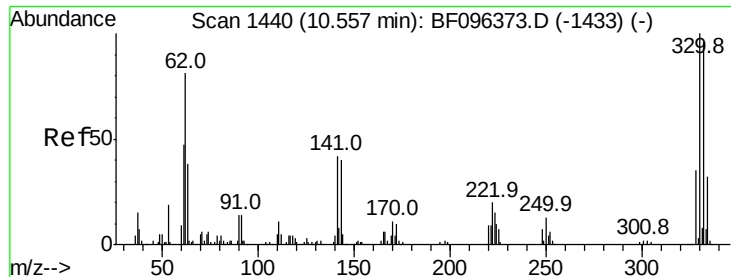
Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

160 44.3 36.2 54.2

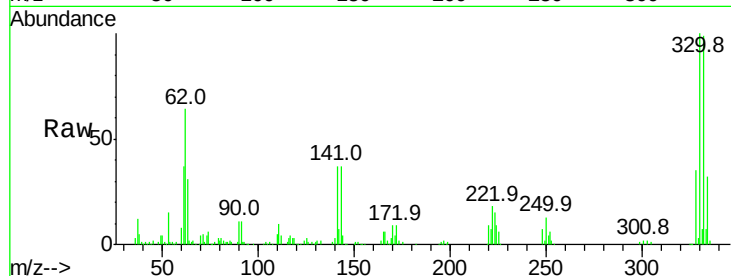




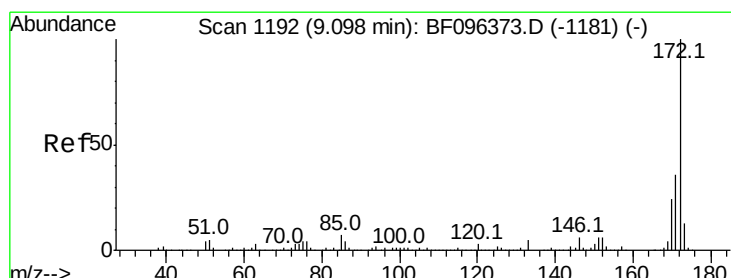
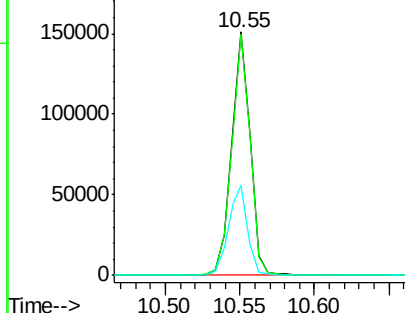
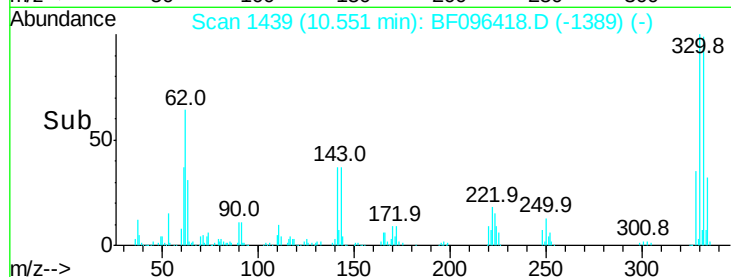
#41
 2,4,6-Tribromophenol
 Concen: 76.88 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096418.D
 Acq: 2 Jul 2017 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 133785
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 37.5 31.4 47.2

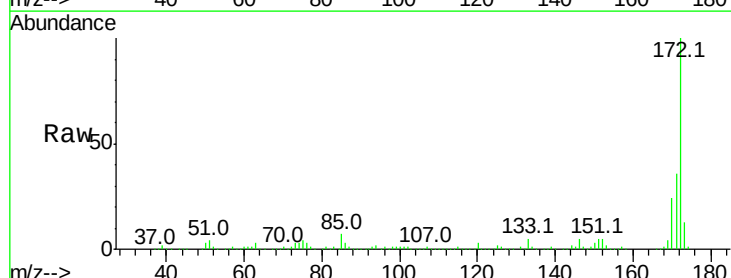


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

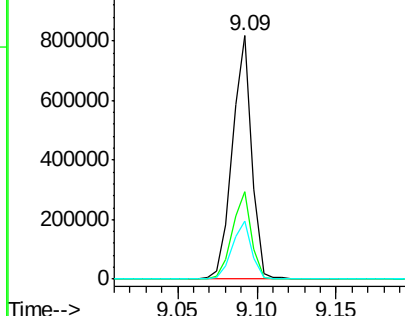
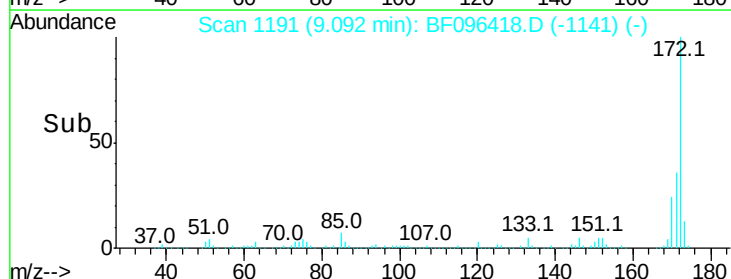


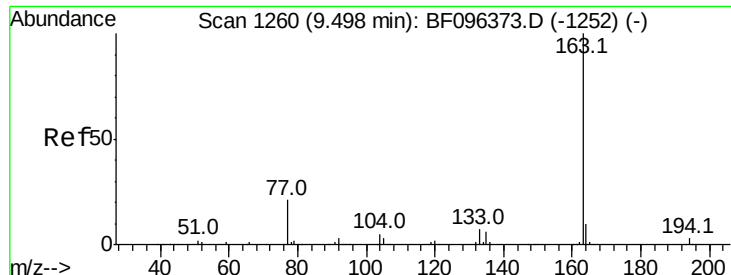
#44
 2-Fluorobiphenyl
 Concen: 53.07 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096418.D
 Acq: 2 Jul 2017 16:12

Tgt Ion:172 Resp: 691459
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.0 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

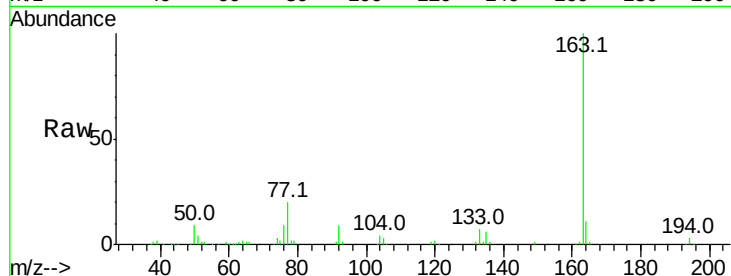




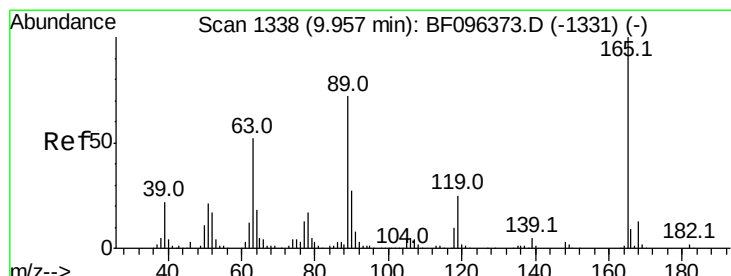
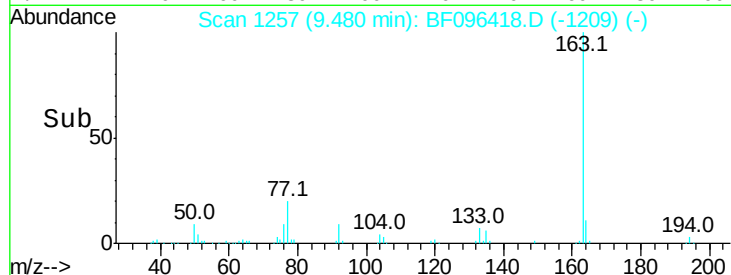
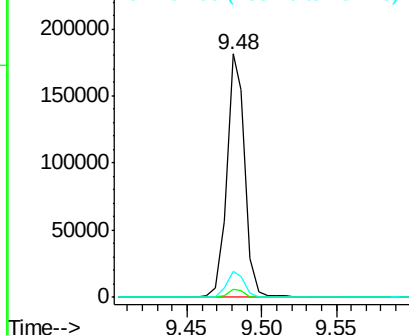
#49
Dimethylphthalate
Concen: 9.34 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096418.D
Acq: 2 Jul 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.7	8.4	12.6



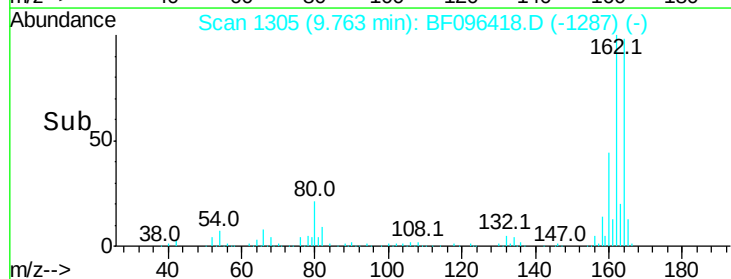
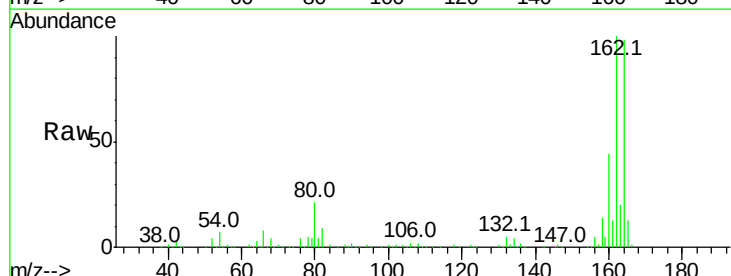
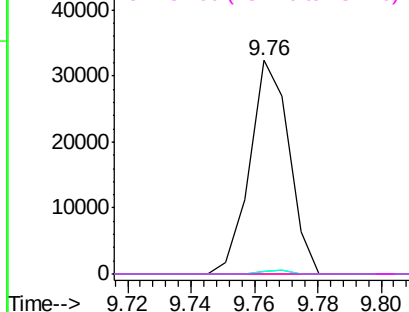
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

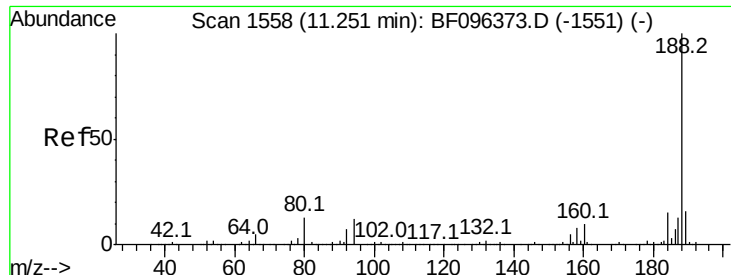


#56
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF096418.D
Acq: 2 Jul 2017 16:12

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#

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
Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF096418.D

Acq: 2 Jul 2017 16:12

Instrument :

BNA_F

ClientSampleId :

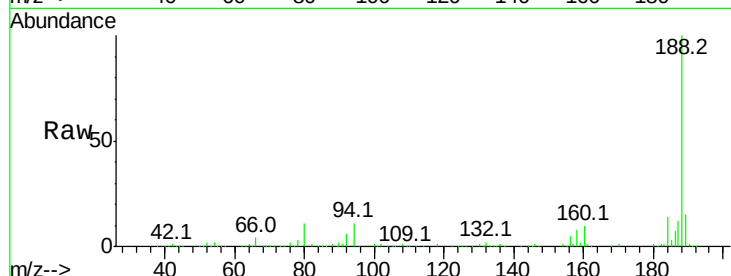
Tot Ion:188 Resp: 318771

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

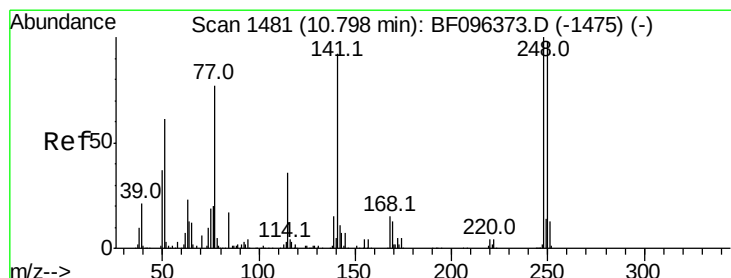
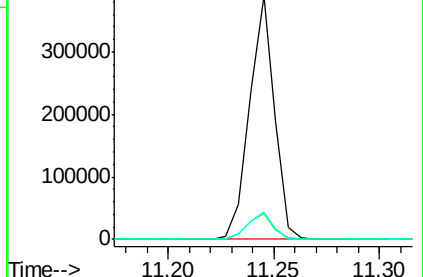
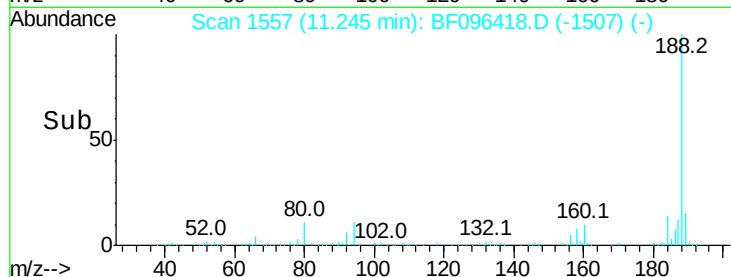
80 11.1 10.2 15.2



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: 2.93 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.25 min

Lab File: BF096418.D

Acq: 2 Jul 2017 16:12

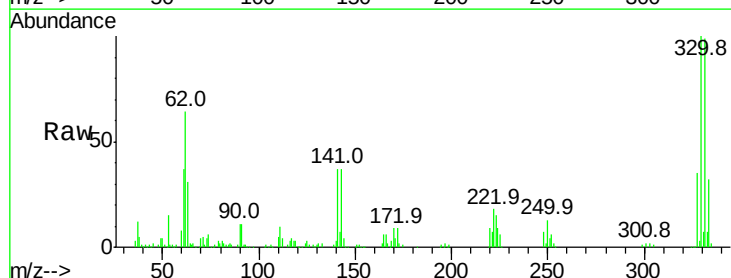
Tgt Ion:248 Resp: 9103

Ion Ratio Lower Upper

248 100

250 189.1 76.8 115.2#

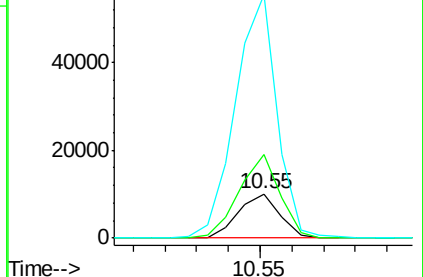
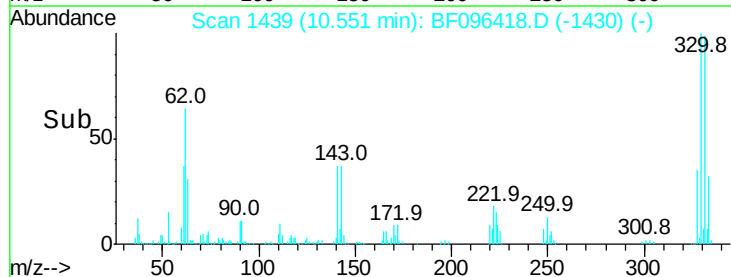
141 548.0 68.6 103.0#

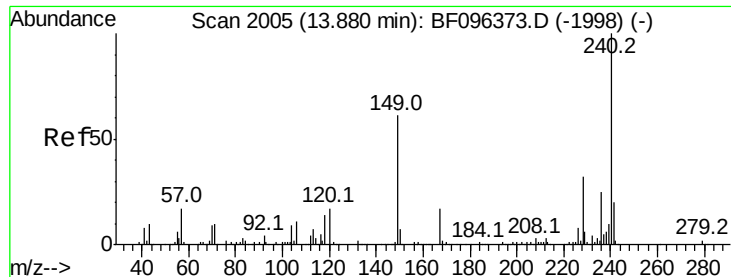


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096418.D

Acq: 2 Jul 2017 16:12

Instrument :

BNA_F

ClientSampled :

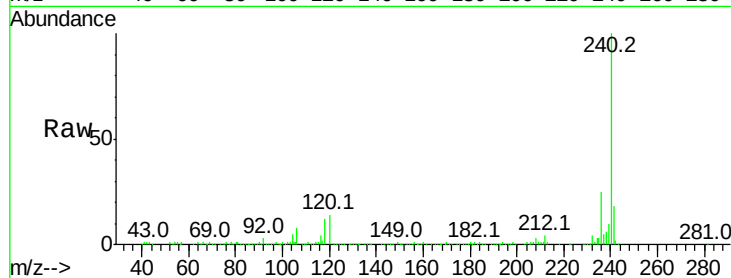
Tot Ion:240 Resp: 257427

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

236 24.8 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

300000

200000

100000

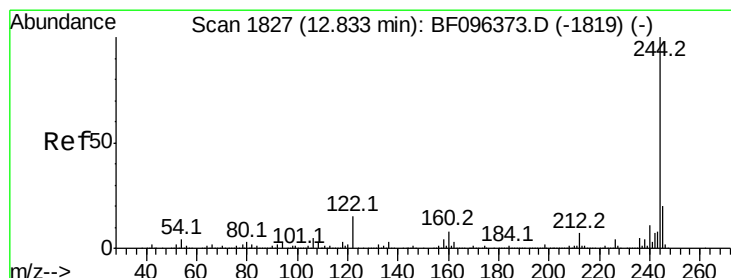
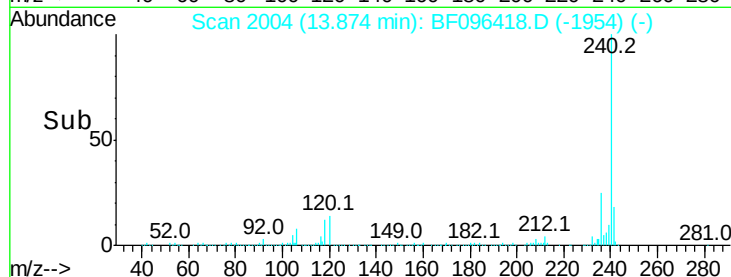
0

13.87

13.80

13.90

Time-->



#78

Terphenyl-d14

Concen: 34.21 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096418.D

Acq: 2 Jul 2017 16:12

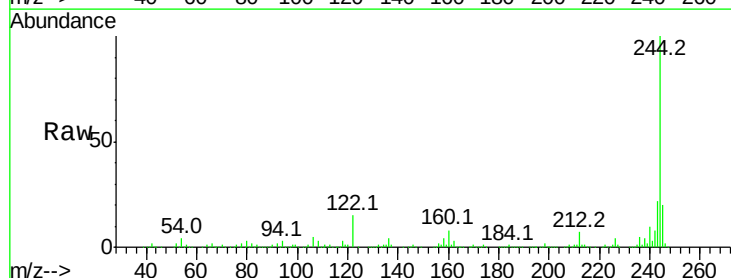
Tgt Ion:244 Resp: 412171

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

122 14.9 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

600000

500000

400000

300000

200000

100000

0

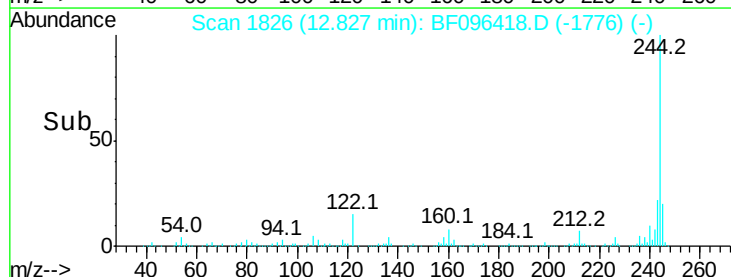
12.83

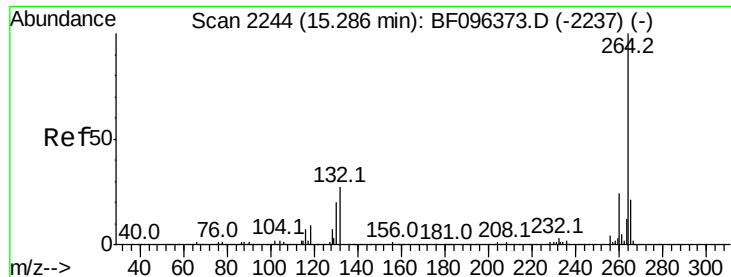
12.75

12.85

12.90

Time-->

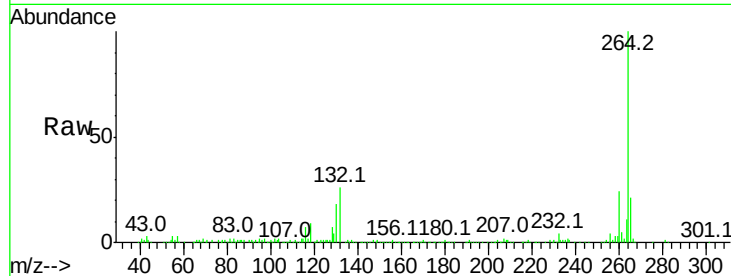




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096418.D
Acq: 2 Jul 2017 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

