

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
 Data File : BF096416.D
 Acq On : 2 Jul 2017 15:17
 Operator : SJ/MA
 Sample : I3950-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 04:31:28 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

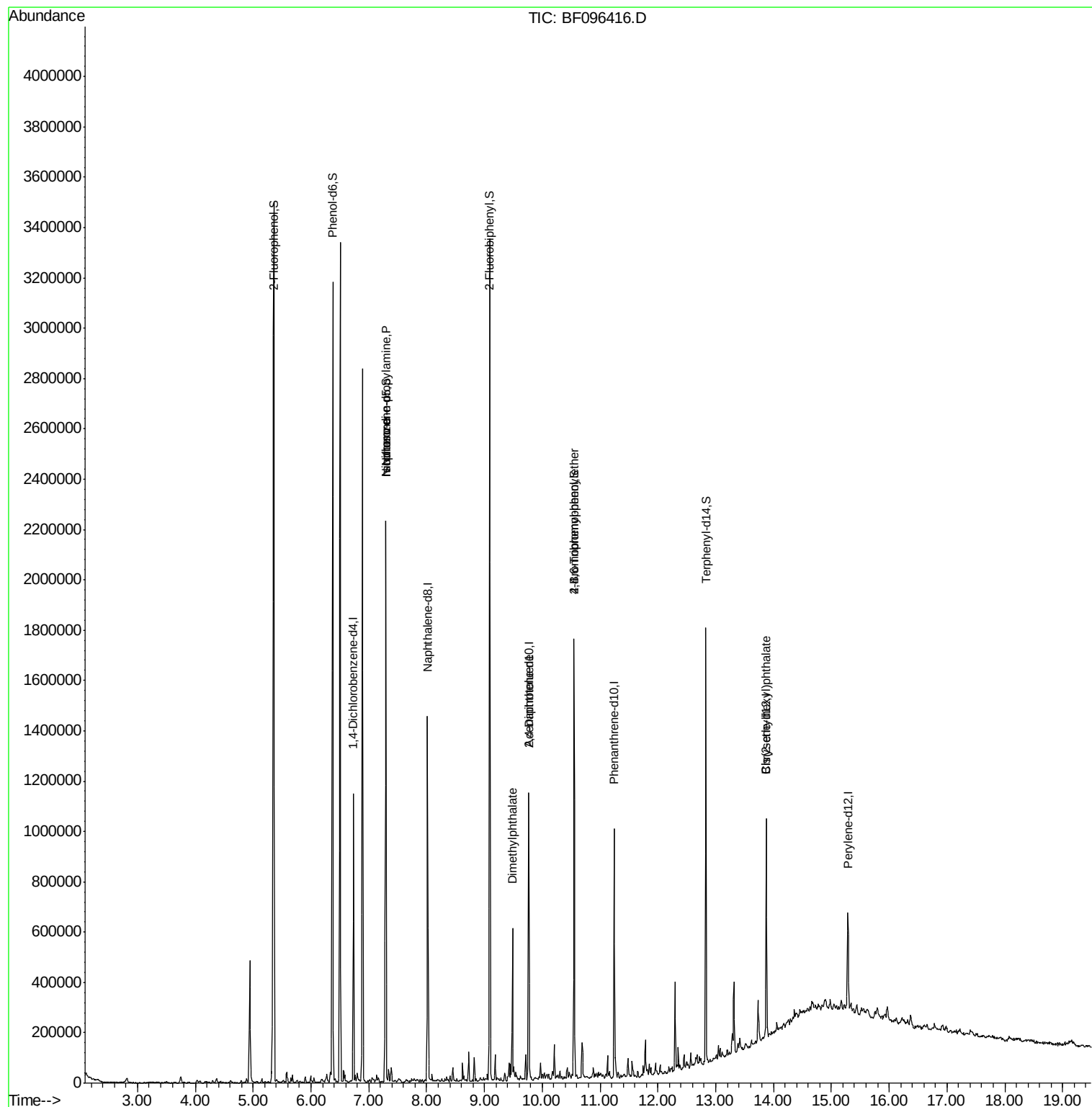
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	149679	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	580136	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	227100	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	321970	20.00	ng	0.00
75) Chrysene-d12	13.87	240	250092	20.00	ng	0.00
86) Perylene-d12	15.29	264	176017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1075473	106.05	ng	0.01
7) Phenol-d6	6.37	99	1289645	103.44	ng	0.00
23) Nitrobenzene-d5	7.30	82	724469	75.04	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	191171	107.77	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1029610	77.52	ng	0.00
78) Terphenyl-d14	12.83	244	557393	47.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	95505	12.86	ng	# 88
25) Isophorone	7.30	82	720509	38.49	ng	# 67
49) Dimethylphthalate	9.49	163	256610	15.14	ng	97
56) 2,4-Dinitrotoluene	9.76	165	30134	6.35	ng	# 33
66) 4-Bromophenyl-phenylether	10.55	248	12364	3.94	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.87	149	23447	2.07	ng	# 98

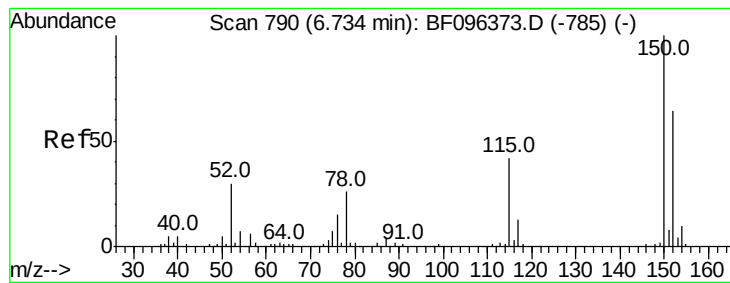
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
Data File : BF096416.D
Acq On : 2 Jul 2017 15:17
Operator : SJ/MA
Sample : I3950-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 03 04:31:28 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



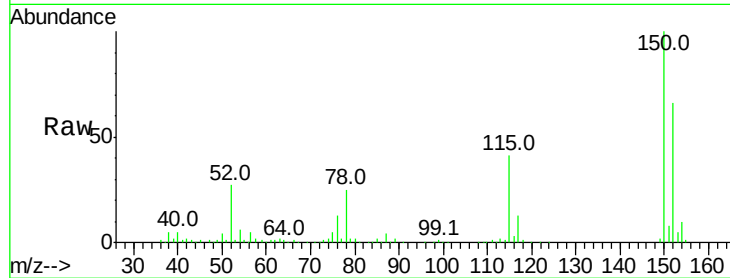


#1

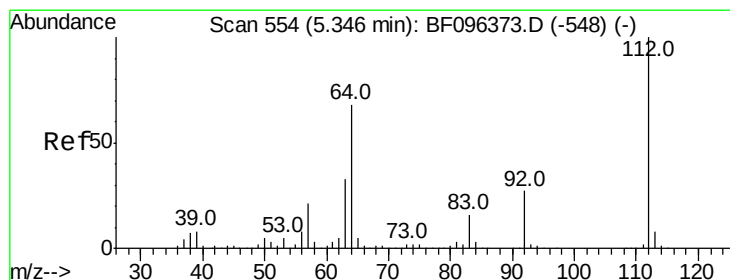
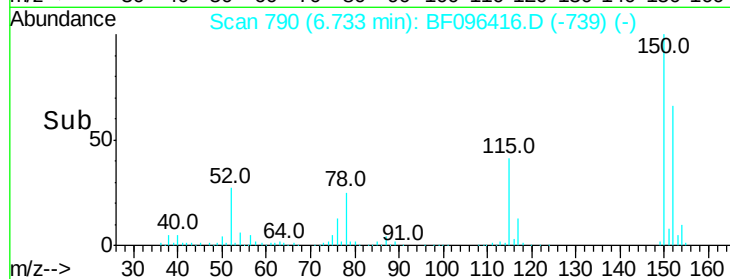
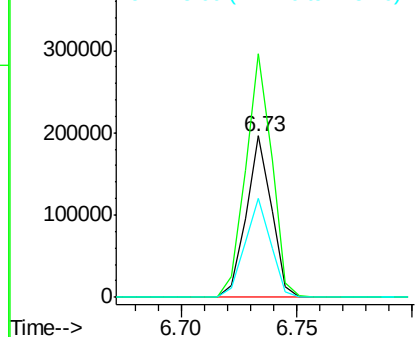
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096416.D
Acq: 2 Jul 2017 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149679
Ion Ratio Lower Upper
152 100
150 151.1 126.2 189.2
115 61.5 52.2 78.2



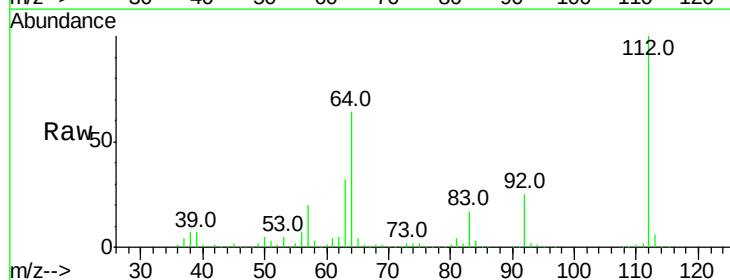
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



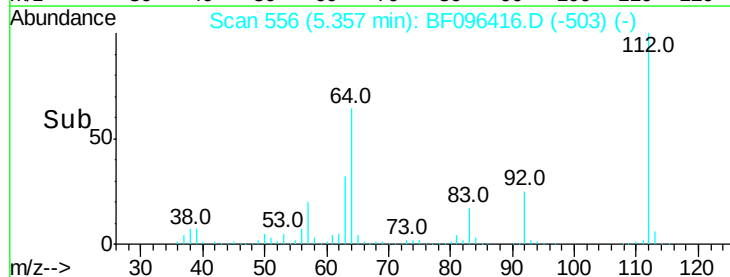
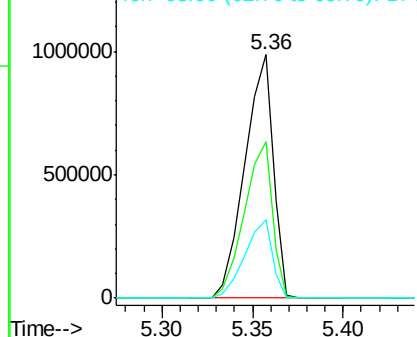
#5

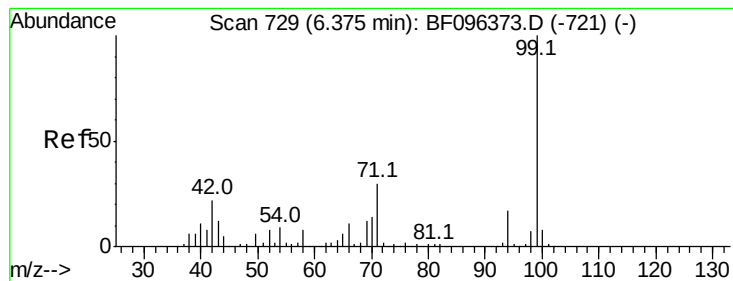
2-Fluorophenol
Concen: 106.05 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF096416.D
Acq: 2 Jul 2017 15:17

Tgt Ion:112 Resp: 1075473
Ion Ratio Lower Upper
112 100
64 64.3 46.0 69.0
63 32.4 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: 103.44 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF096416.D

Acq: 2 Jul 2017 15:17

Instrument :

BNA_F

ClientSampleId :

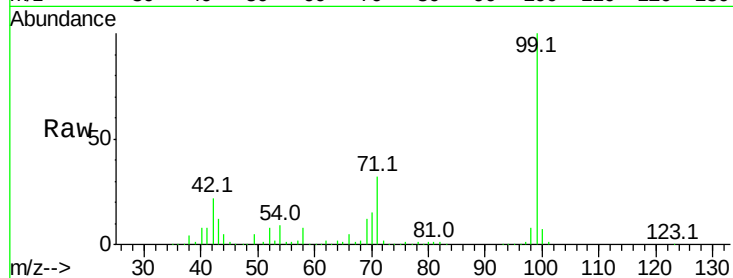
Tot Ion: 99 Resp: 1289645

Ion Ratio Lower Upper

99 100

42 22.1 13.5 20.3#

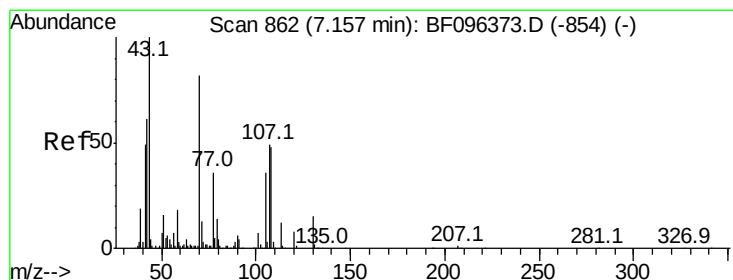
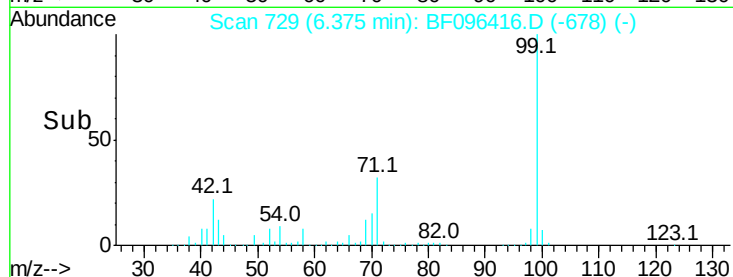
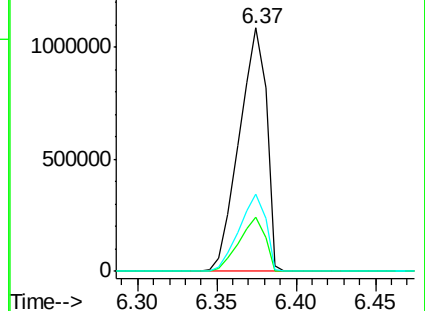
71 31.6 24.5 36.7



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: 12.86 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF096416.D

Acq: 2 Jul 2017 15:17

Tgt Ion: 70 Resp: 95505

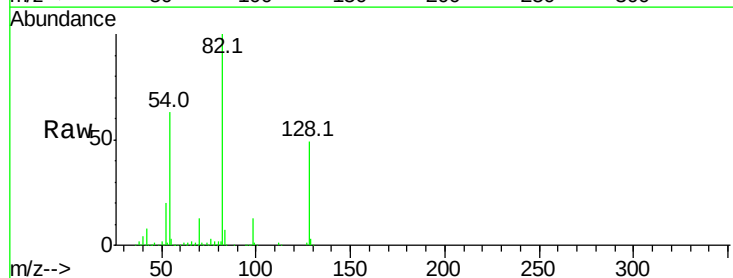
Ion Ratio Lower Upper

70 100

42 59.5 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

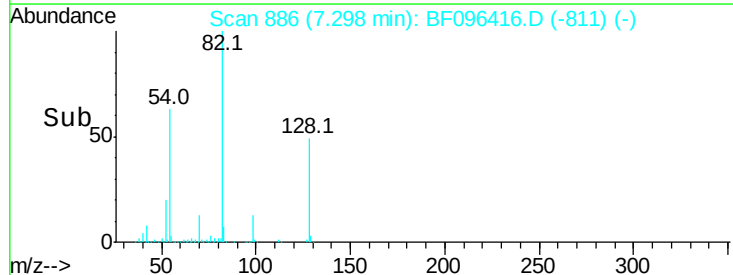
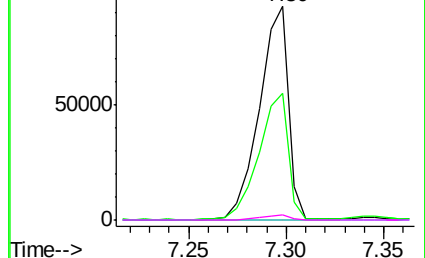


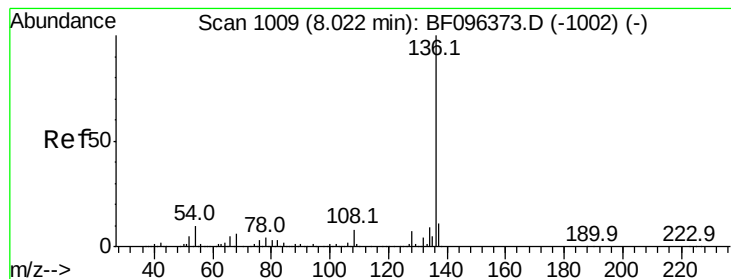
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096416.D

Acq: 2 Jul 2017 15:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 580136

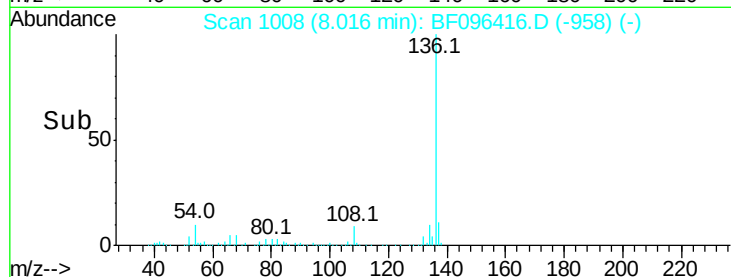
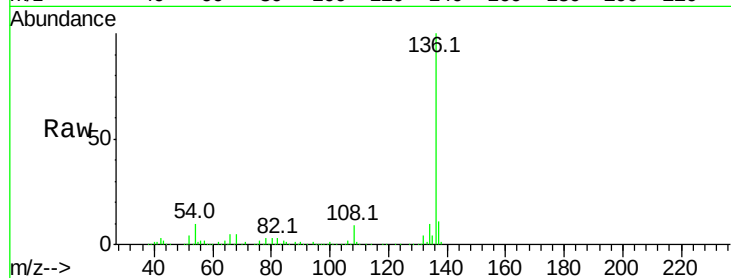
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.7 4.9 7.3#

68 4.9 4.1 6.1

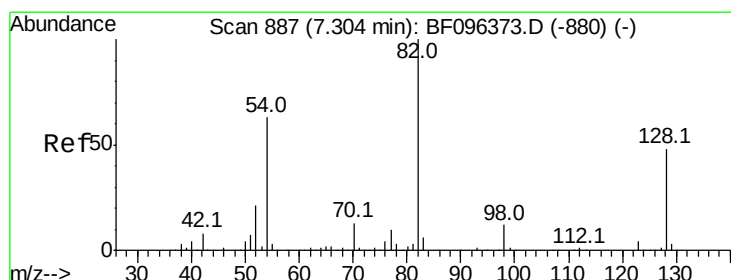
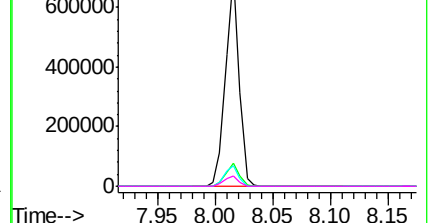


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.04 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF096416.D

Acq: 2 Jul 2017 15:17

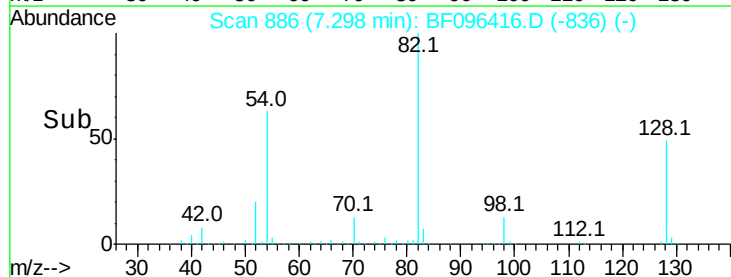
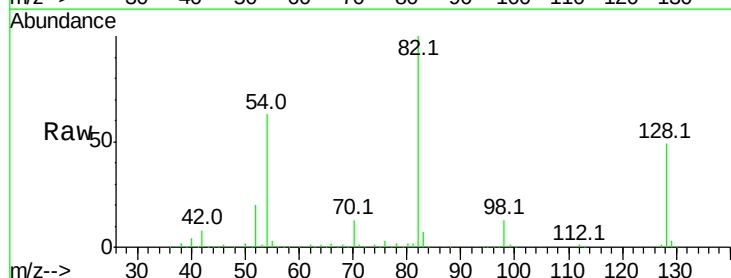
Tgt Ion: 82 Resp: 724469

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

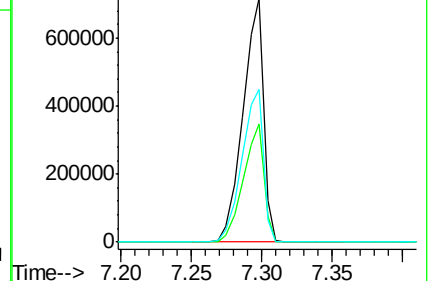
54 63.0 42.2 63.2

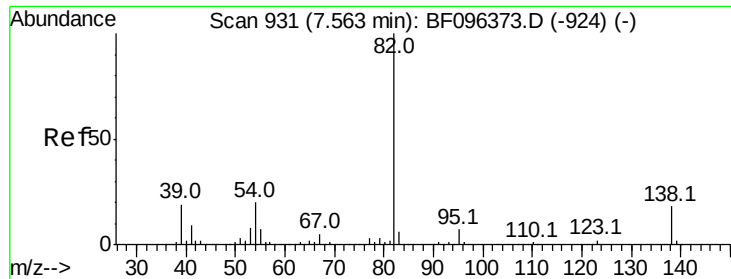


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 38.49 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF096416.D

Acq: 2 Jul 2017 15:17

Instrument :

BNA_F

ClientSampleId :

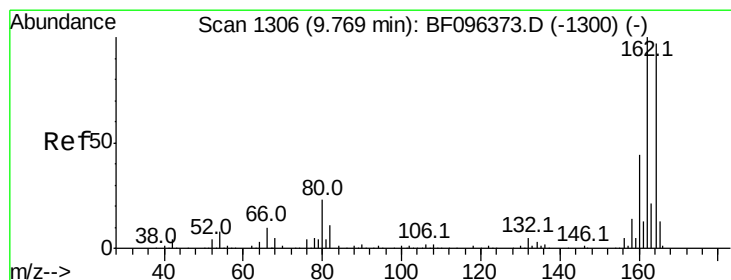
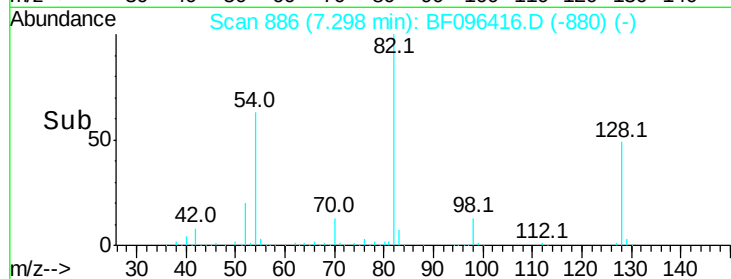
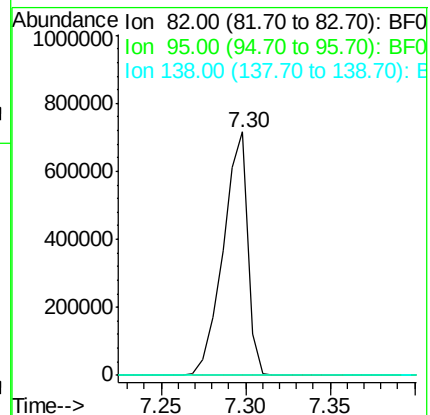
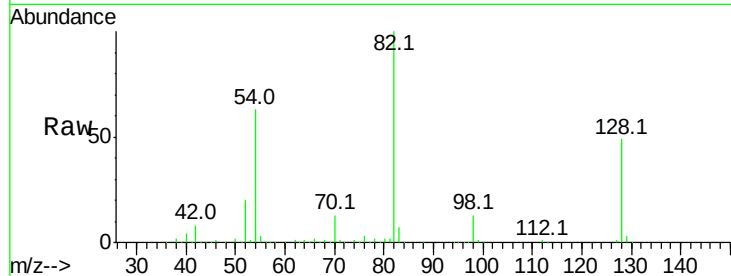
Tot Ion: 82 Resp: 720509

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF096416.D

Acq: 2 Jul 2017 15:17

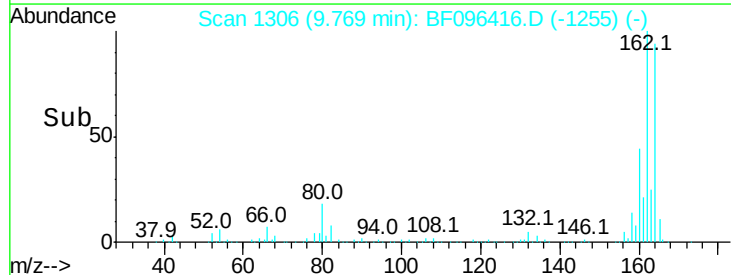
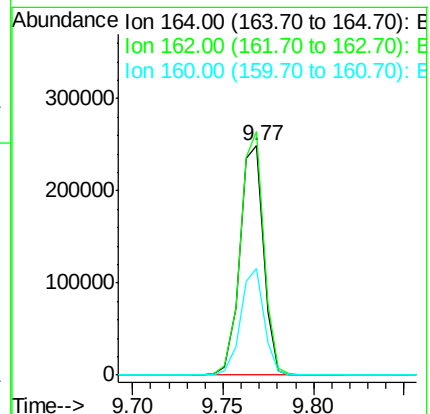
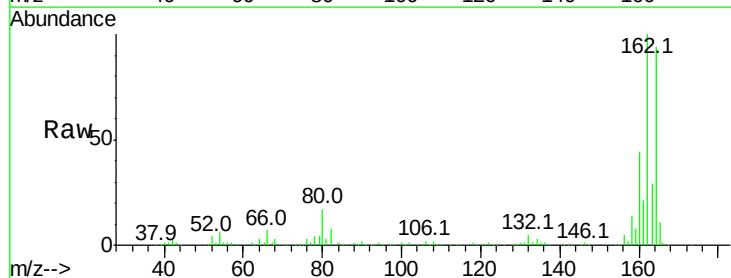
Tgt Ion:164 Resp: 227100

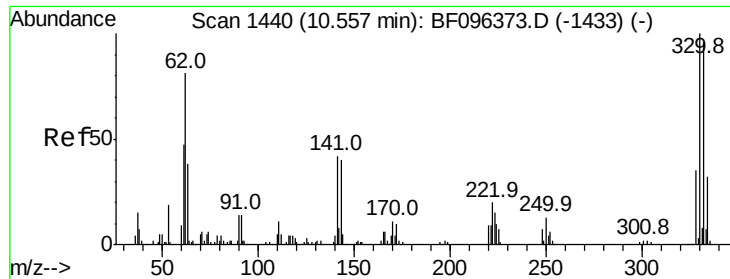
Ion Ratio Lower Upper

164 100

162 106.2 82.6 123.8

160 46.4 36.2 54.2

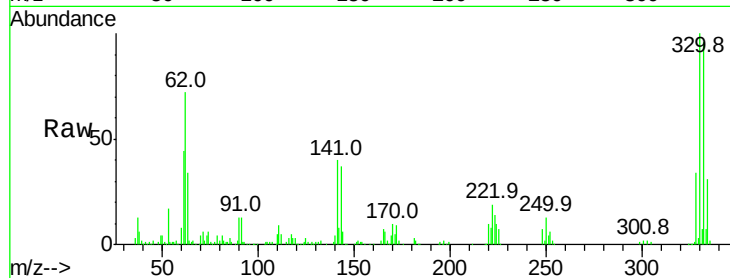




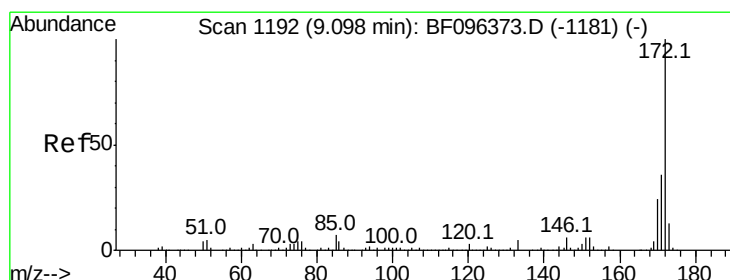
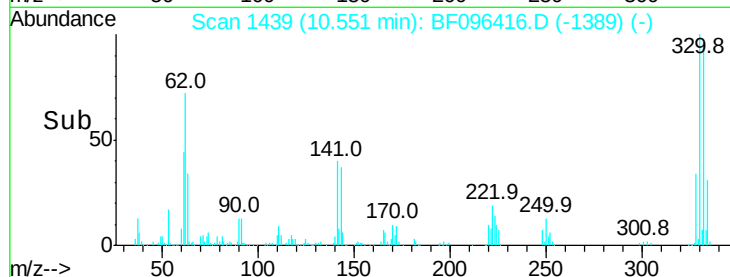
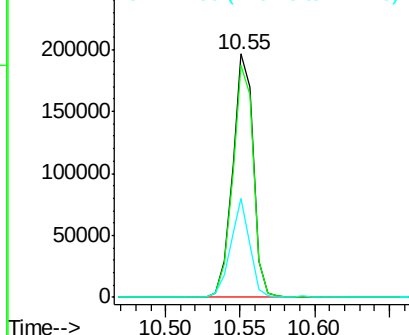
#41
 2,4,6-Tribromophenol
 Concen: 107.77 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096416.D
 Acq: 2 Jul 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 191171
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 37.2 31.4 47.2

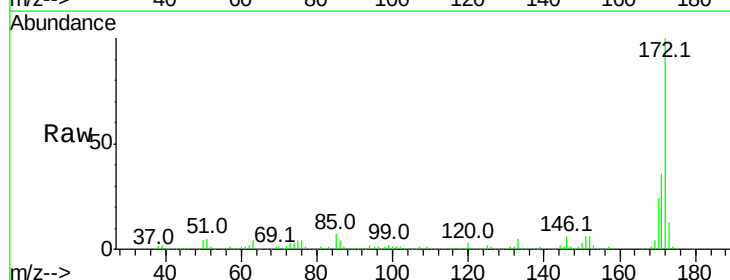


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

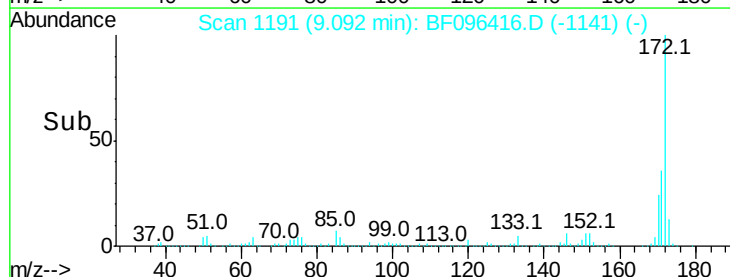
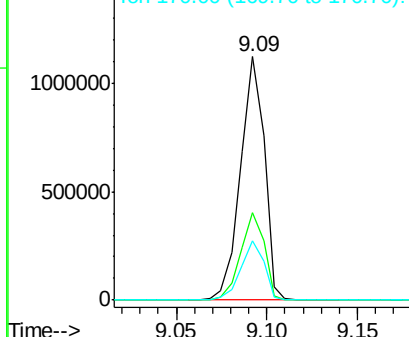


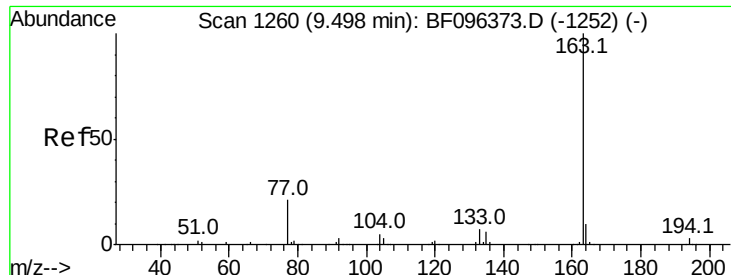
#44
 2-Fluorobiphenyl
 Concen: 77.52 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096416.D
 Acq: 2 Jul 2017 15:17

Tgt Ion:172 Resp: 1029610
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.4 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: 15.14 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF096416.D

Acq: 2 Jul 2017 15:17

Instrument :

BNA_F

ClientSampleId :

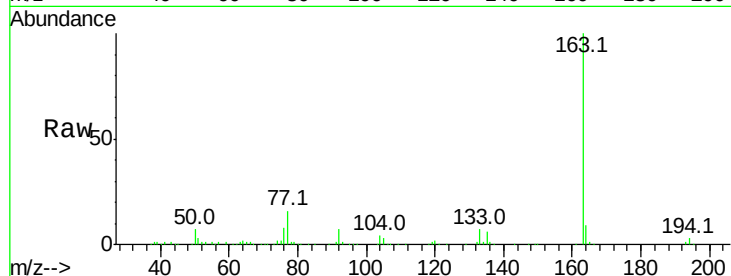
Tot Ion:163 Resp: 256610

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

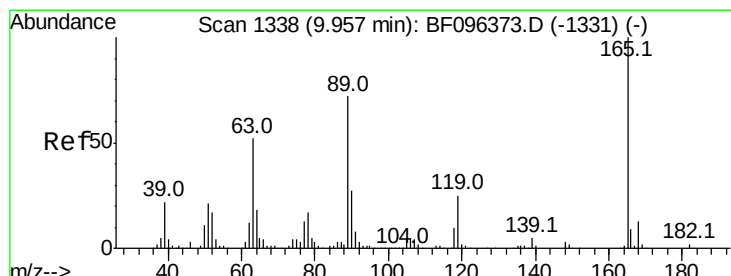
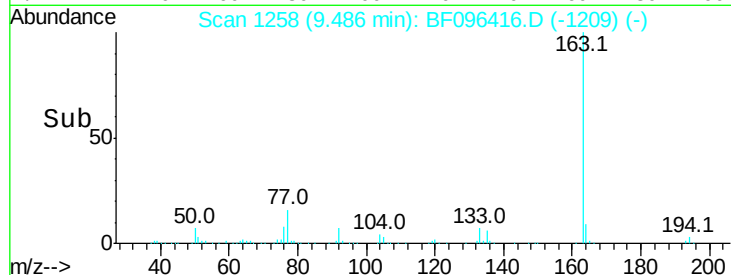
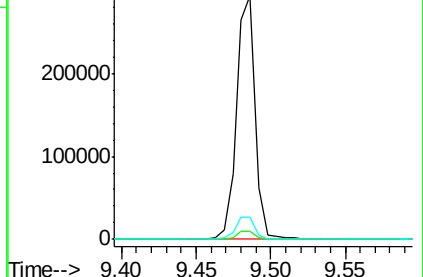
164 9.2 8.4 12.6



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: 6.35 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.19 min

Lab File: BF096416.D

Acq: 2 Jul 2017 15:17

Tgt Ion:165 Resp: 30134

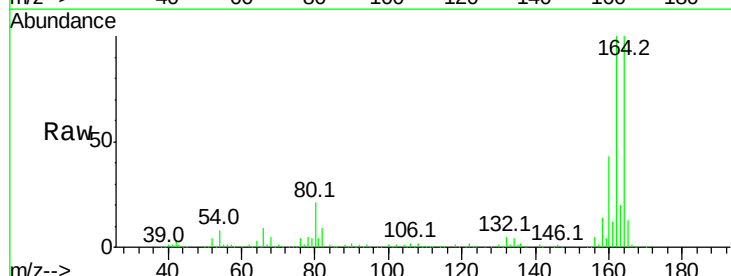
Ion Ratio Lower Upper

165 100

63 1.7 25.4 38.0#

89 1.6 46.4 69.6#

182 0.0 1.8 2.6#

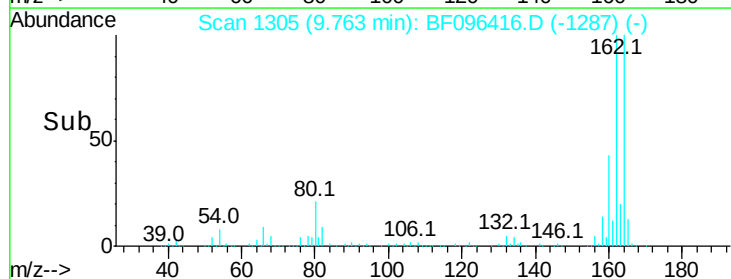
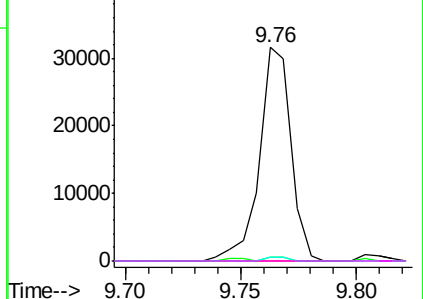


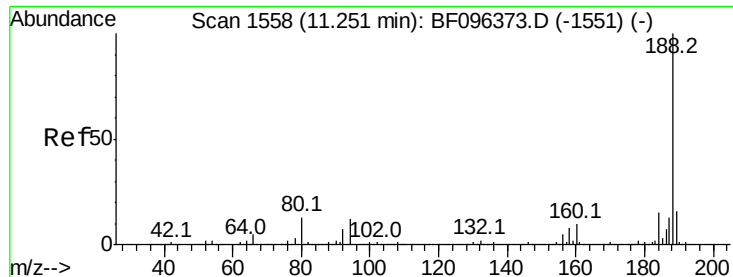
Abundance Ion 165.00 (164.70 to 165.70): E

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

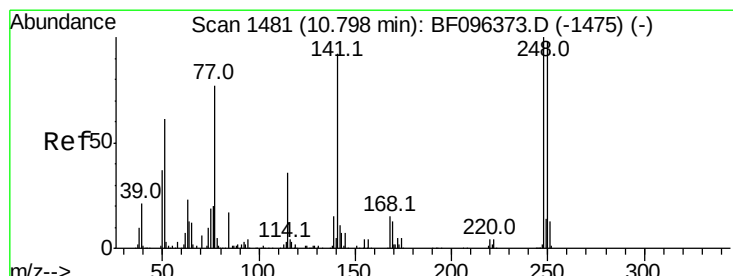
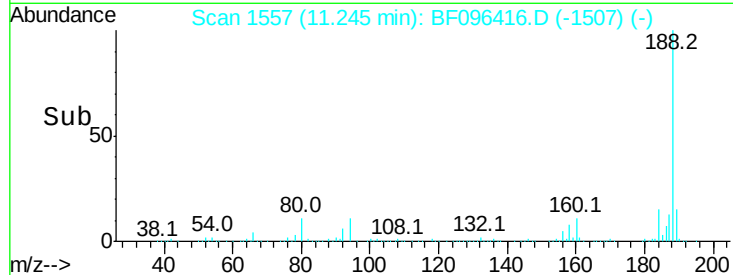
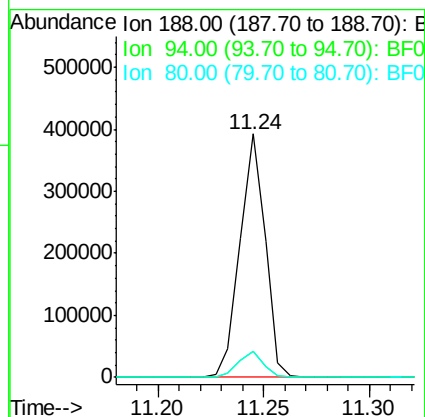
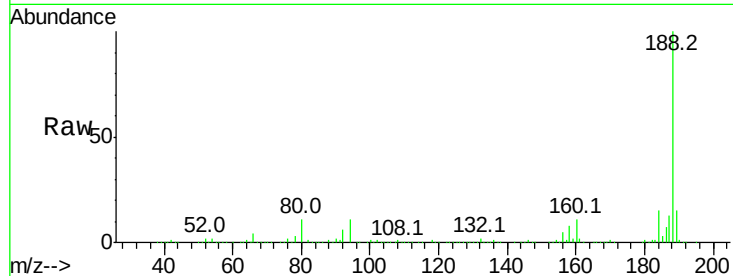




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096416.D
Acq: 2 Jul 2017 15:17

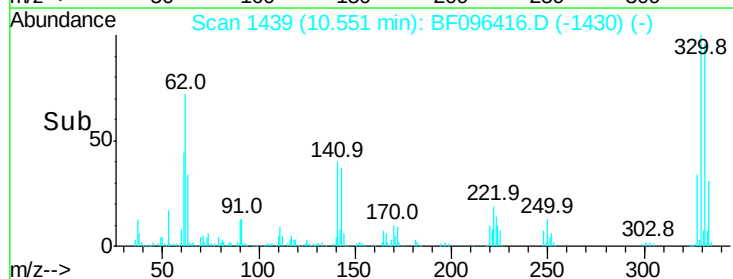
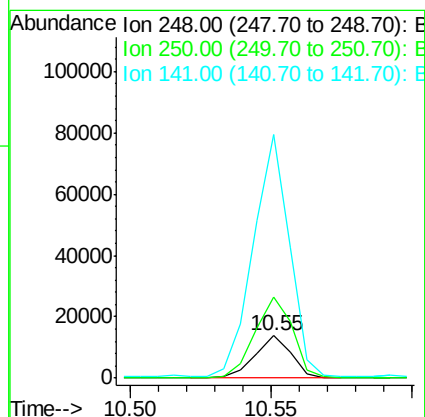
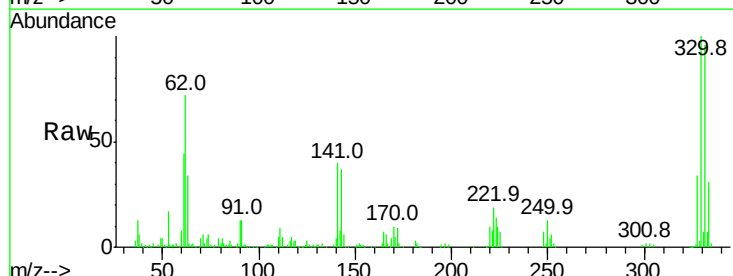
Instrument :
BNA_F
ClientSampled :

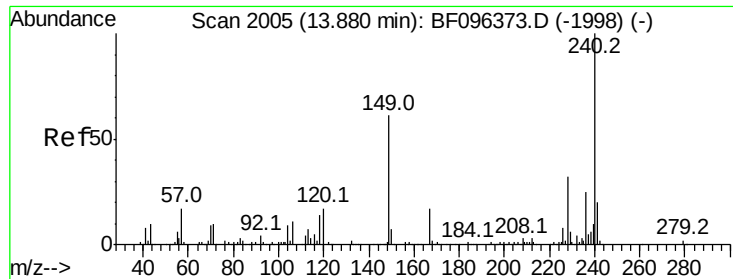
Tot Ion:188 Resp: 321970
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 10.9 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF096416.D
Acq: 2 Jul 2017 15:17

Tgt Ion:248 Resp: 12364
Ion Ratio Lower Upper
248 100
250 189.6 76.8 115.2#
141 573.4 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096416.D

Acq: 2 Jul 2017 15:17

Instrument :

BNA_F

ClientSampleId :

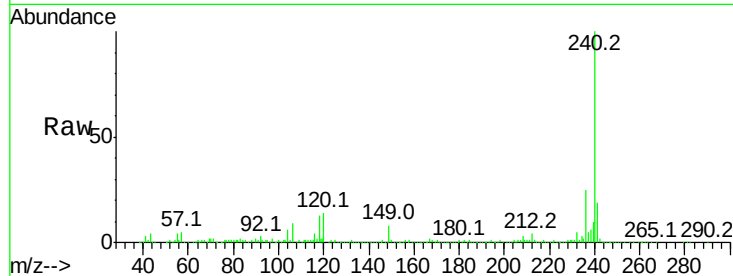
Tot Ion:240 Resp: 250092

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

236 24.5 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

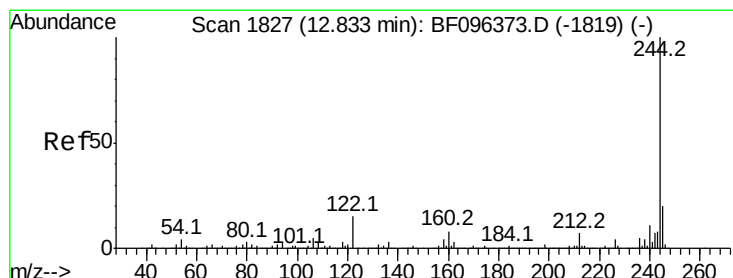
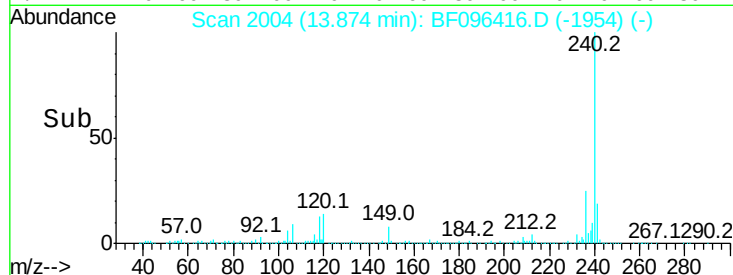
300000 13.87

200000

100000

0

Time--> 13.80 13.90



#78

Terphenyl-d14

Concen: 47.62 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF096416.D

Acq: 2 Jul 2017 15:17

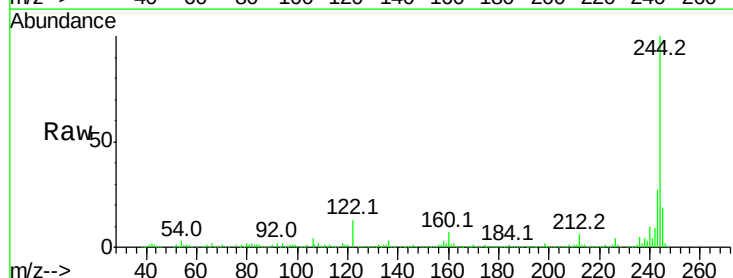
Tgt Ion:244 Resp: 557393

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

122 12.6 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

800000 12.83

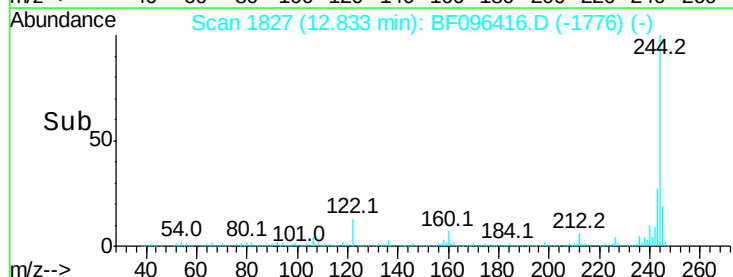
600000

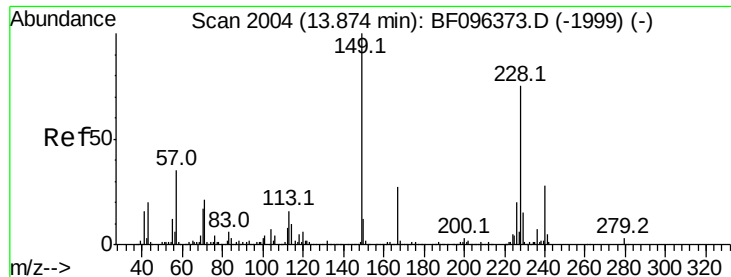
400000

200000

0

Time--> 12.80 12.85 12.90





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.07 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096416.D

Acq: 2 Jul 2017 15:17

Instrument :

BNA_F

ClientSampleId :

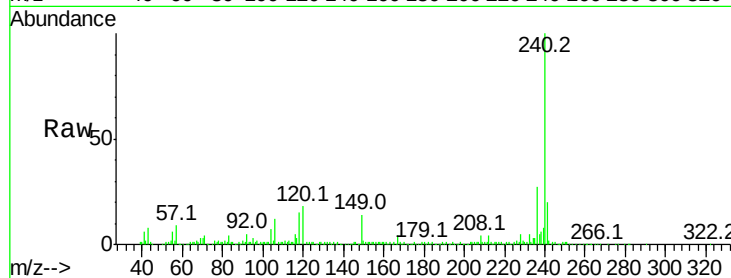
Tot Ion:149 Resp: 23447

Ion Ratio Lower Upper

149 100

167 25.3 21.0 31.4

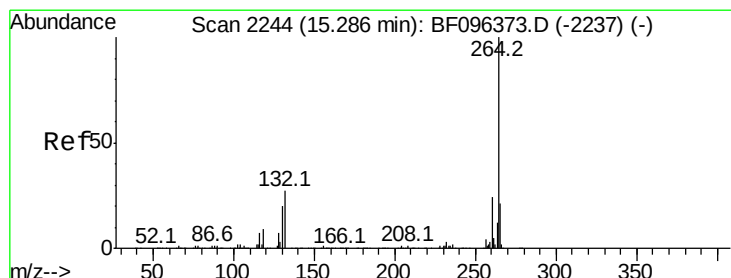
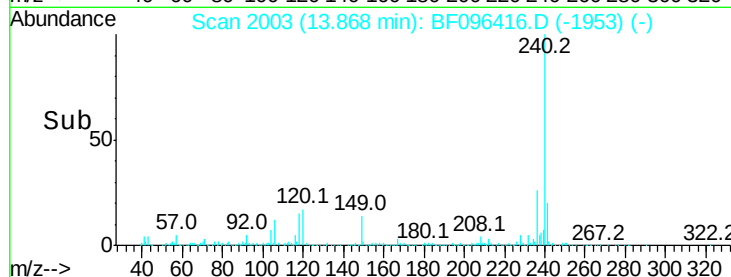
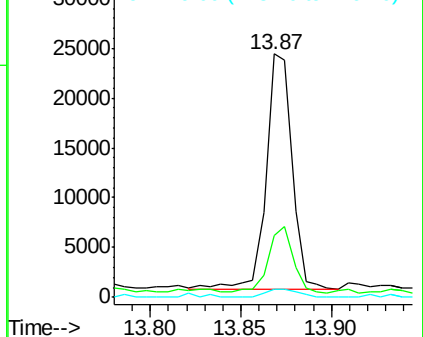
279 3.4 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.29 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BF096416.D

Acq: 2 Jul 2017 15:17

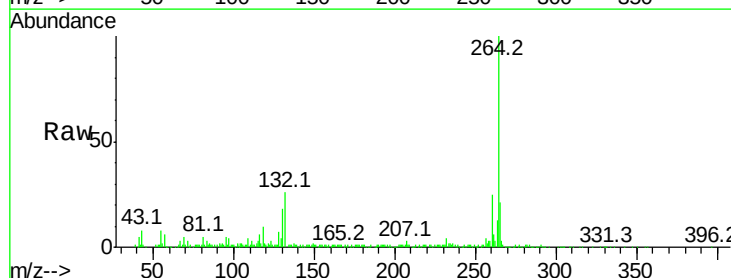
Tgt Ion:264 Resp: 176017

Ion Ratio Lower Upper

264 100

260 24.8 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

