

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096520.D
 Acq On : 6 Jul 2017 8:51
 Operator : SJ/MA
 Sample : I3975-13
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 10:59:35 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

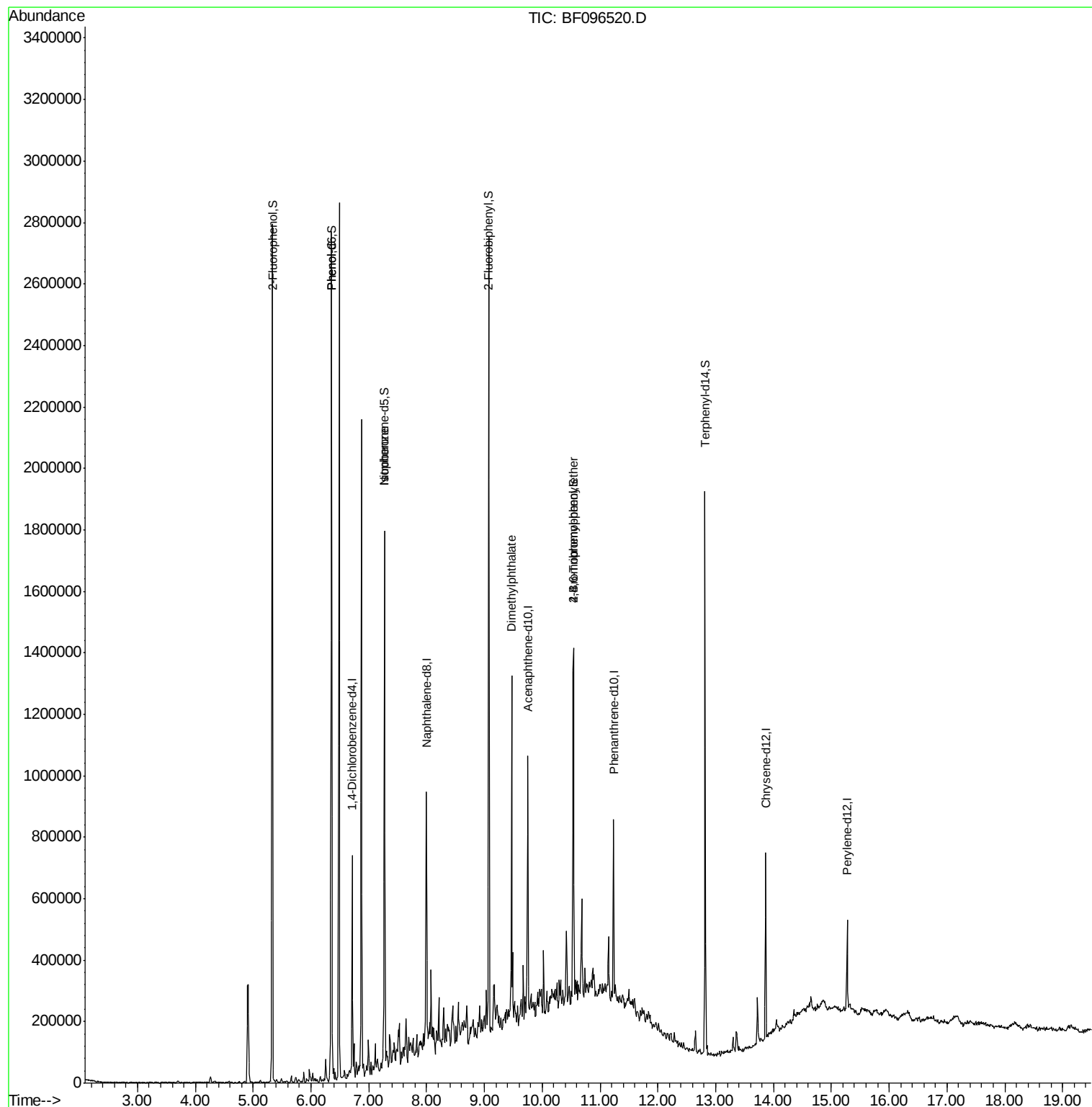
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	99031	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	364602	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	141674	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	217314	20.00	ng	0.00
75) Chrysene-d12	13.86	240	188623	20.00	ng	0.00
86) Perylene-d12	15.27	264	125196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	822982	122.66	ng	0.01
7) Phenol-d6	6.36	99	957975	116.14	ng	0.00
23) Nitrobenzene-d5	7.27	82	509938	84.04	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	138872	125.49	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	812640	98.07	ng	0.00
78) Terphenyl-d14	12.82	244	599989	67.97	ng	0.00
Target Compounds						
10) Phenol	6.36	94	27287	2.90	ng	# 73
25) Isophorone	7.27	82	503234	42.78	ng	# 68
49) Dimethylphthalate	9.47	163	394101	37.26	ng	99
66) 4-Bromophenyl-phenylether	10.54	248	8467	4.00	ng	# 1

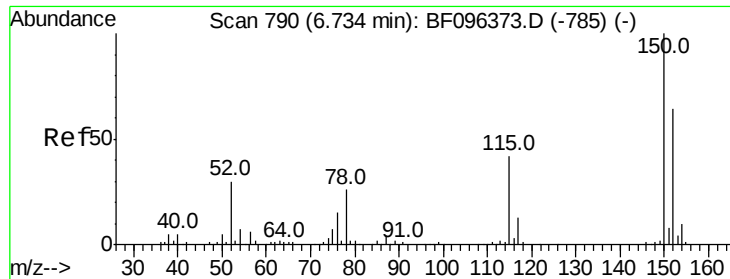
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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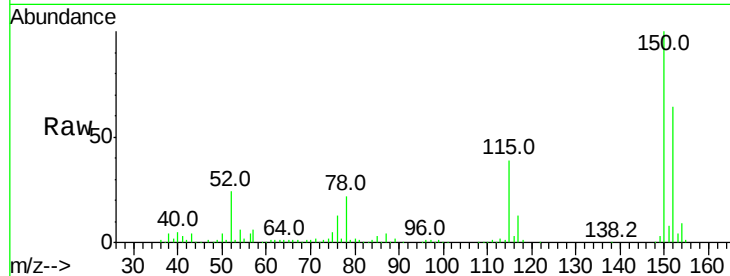


#1

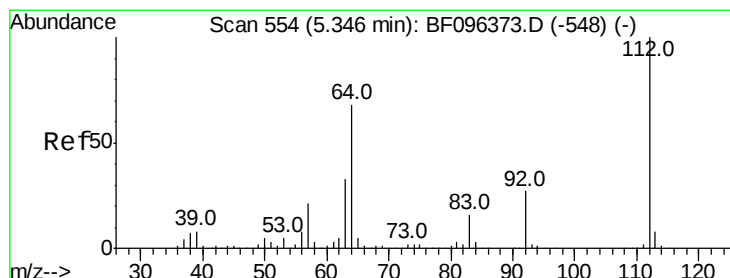
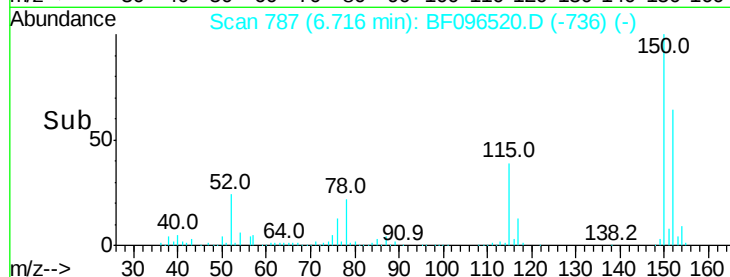
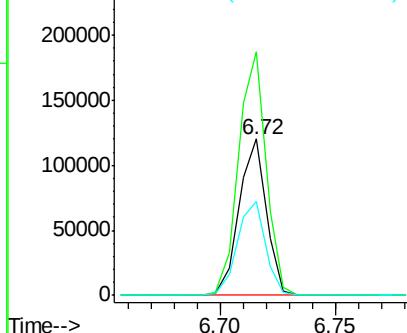
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096520.D
Acq: 6 Jul 2017 8:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99031
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 60.2 52.2 78.2



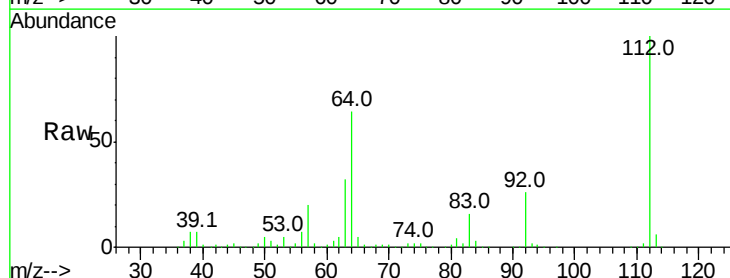
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



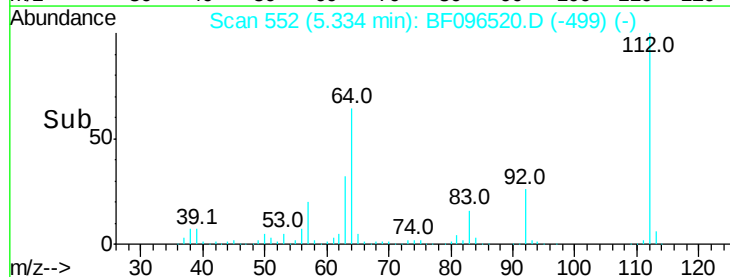
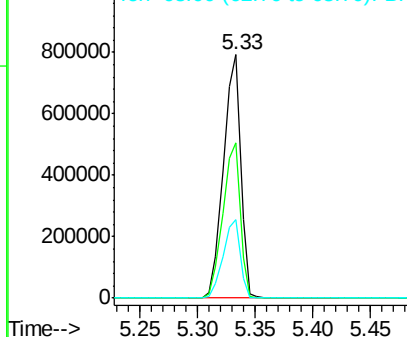
#5

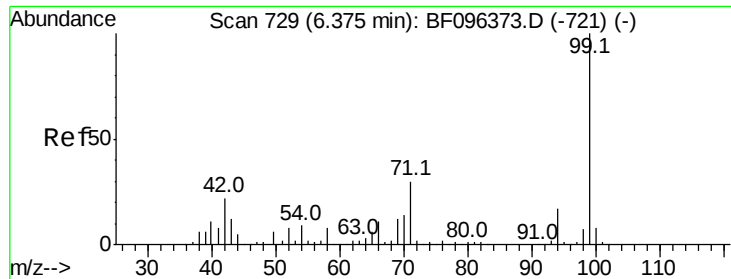
2-Fluorophenol
Concen: 122.66 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096520.D
Acq: 6 Jul 2017 8:51

Tgt Ion:112 Resp: 822982
Ion Ratio Lower Upper
112 100
64 63.7 46.0 69.0
63 32.2 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: 116.14 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096520.D

Acq: 6 Jul 2017 8:51

Instrument :

BNA_F

ClientSampled :

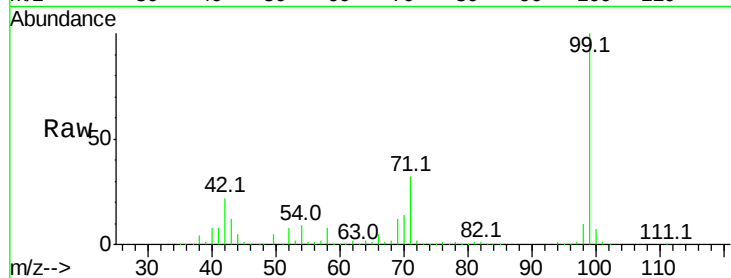
Tot Ion: 99 Resp: 957975

Ion Ratio Lower Upper

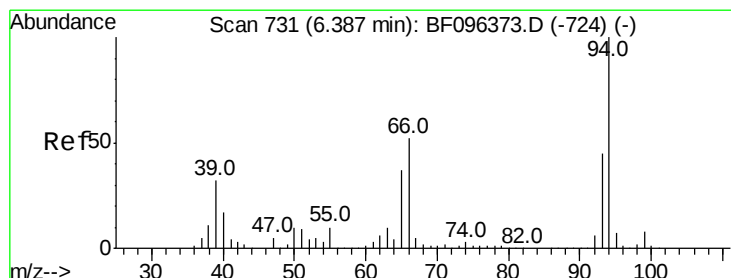
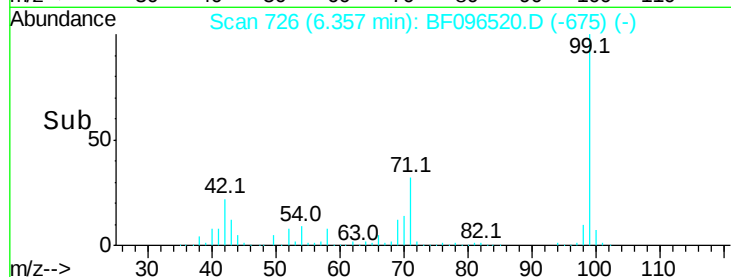
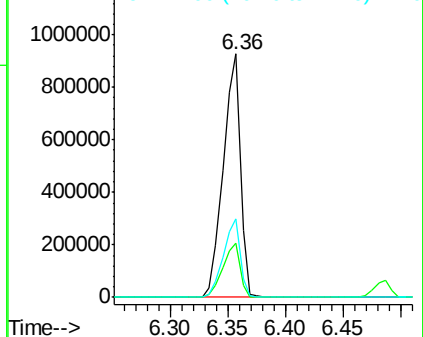
99 100

42 22.3 13.5 20.3#

71 32.4 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: 2.90 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096520.D

Acq: 6 Jul 2017 8:51

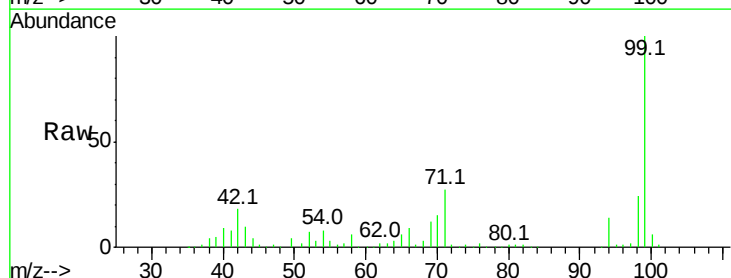
Tgt Ion: 94 Resp: 27287

Ion Ratio Lower Upper

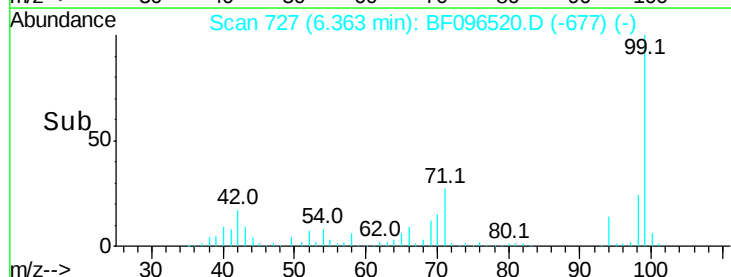
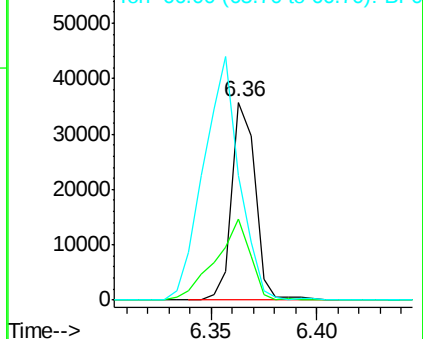
94 100

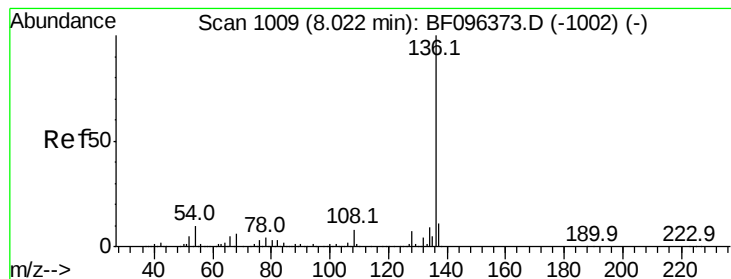
65 40.8 9.9 49.9

66 63.3 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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF096520.D

Acq: 6 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 364602

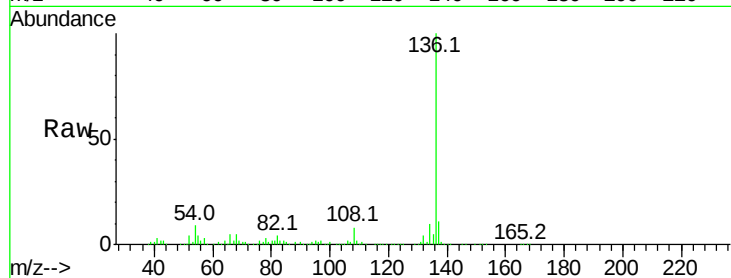
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.3 4.9 7.3#

68 4.9 4.1 6.1

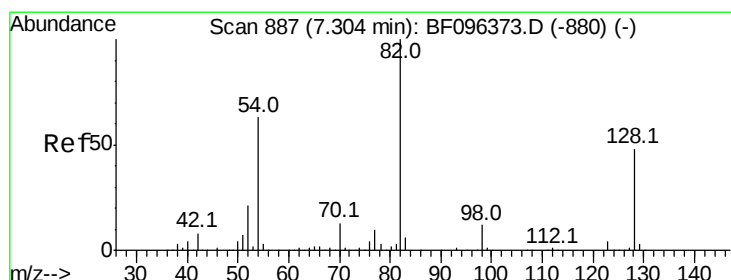
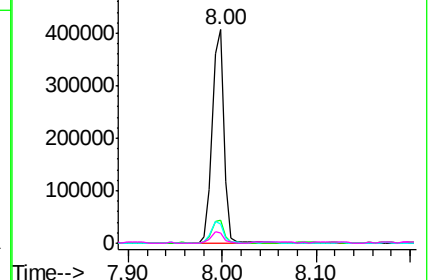
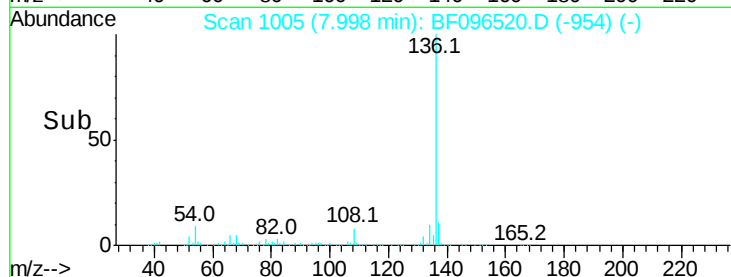


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.04 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF096520.D

Acq: 6 Jul 2017 8:51

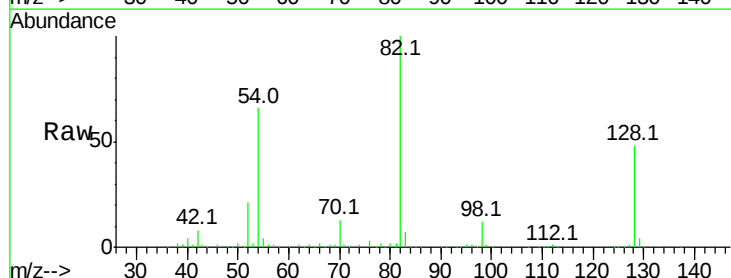
Tgt Ion: 82 Resp: 509938

Ion Ratio Lower Upper

82 100

128 48.4 34.0 51.0

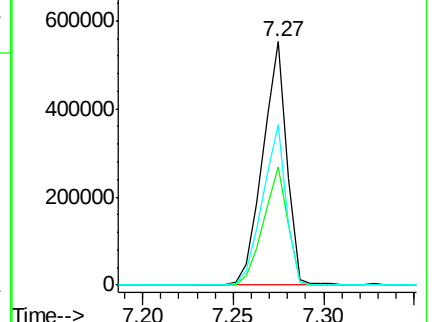
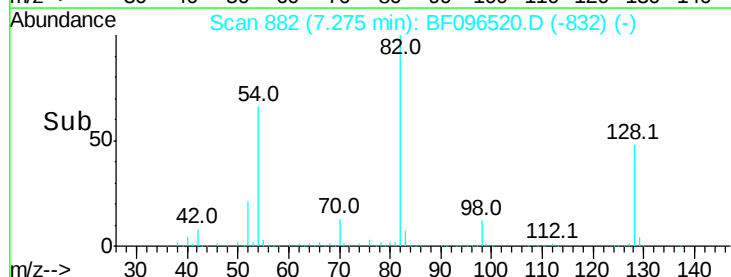
54 65.7 42.2 63.2#

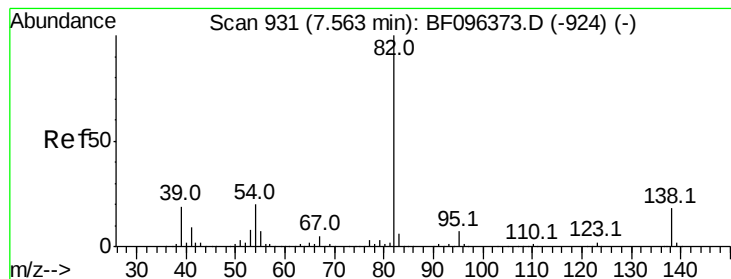


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.78 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF096520.D

Acq: 6 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

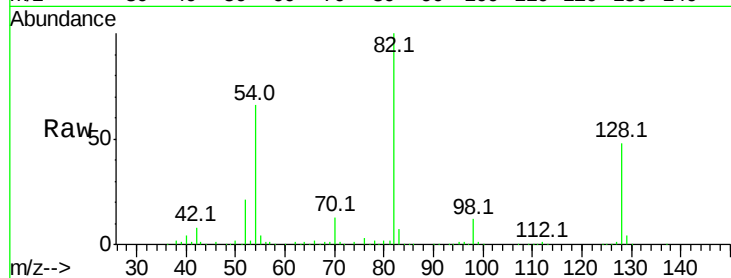
Tot Ion: 82 Resp: 503234

Ion Ratio Lower Upper

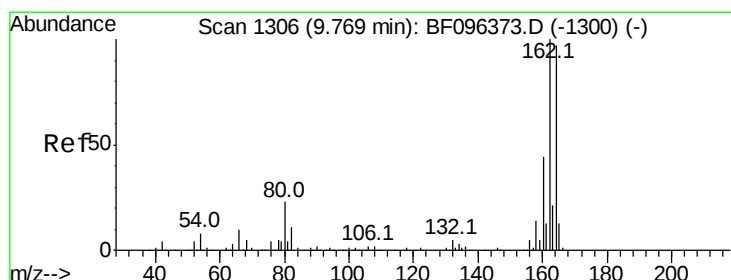
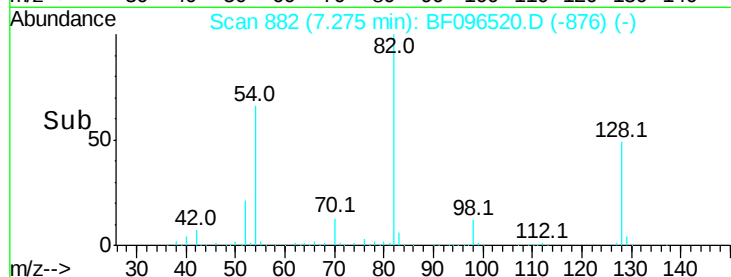
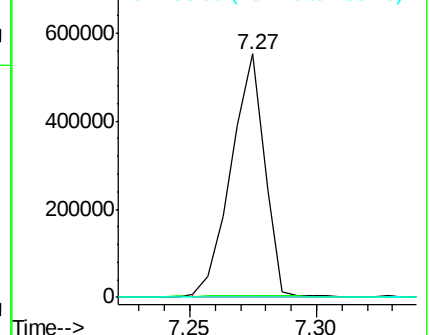
82 100

95 0.5 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: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF096520.D

Acq: 6 Jul 2017 8:51

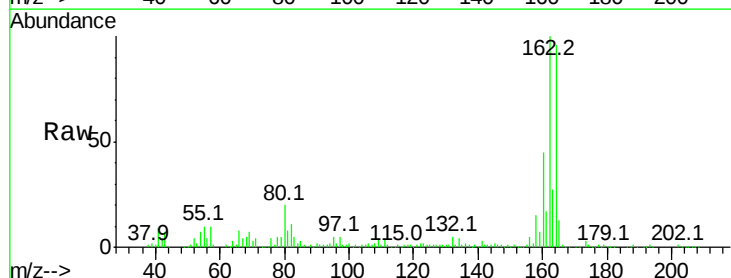
Tgt Ion:164 Resp: 141674

Ion Ratio Lower Upper

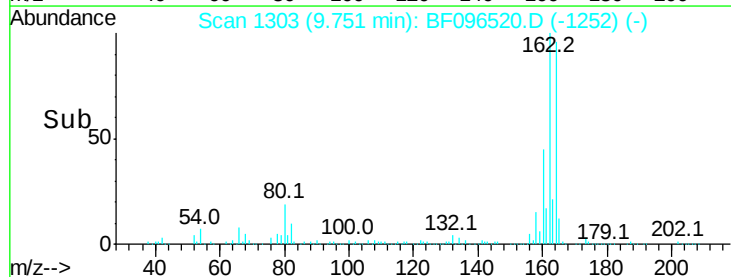
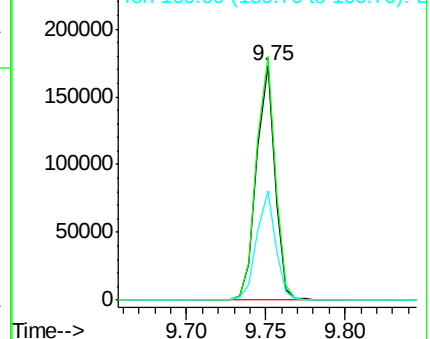
164 100

162 103.8 82.6 123.8

160 46.7 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

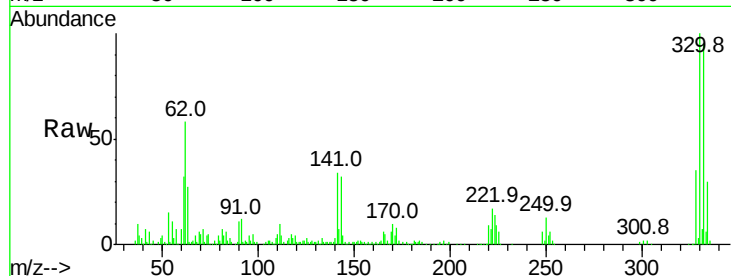




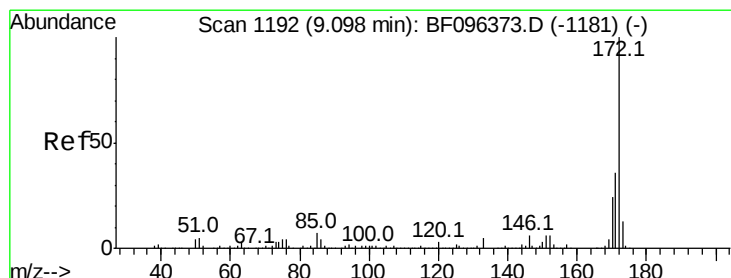
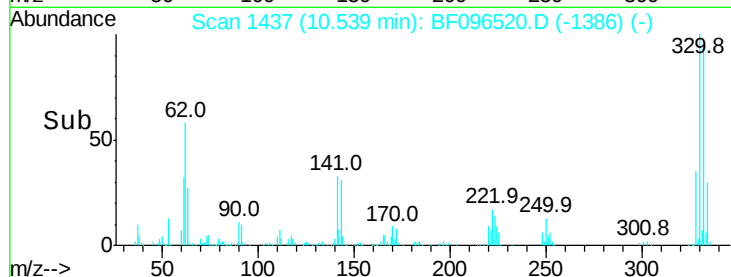
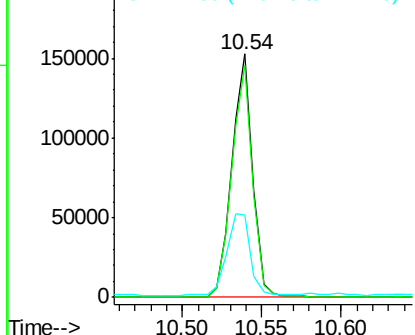
#41
 2,4,6-Tribromophenol
 Concen: 125.49 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF096520.D
 Acq: 6 Jul 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 138872
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 37.8 31.4 47.2

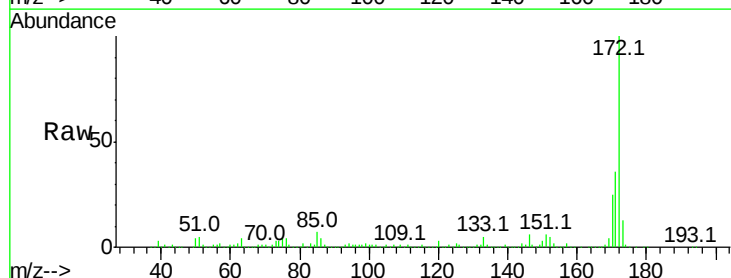


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

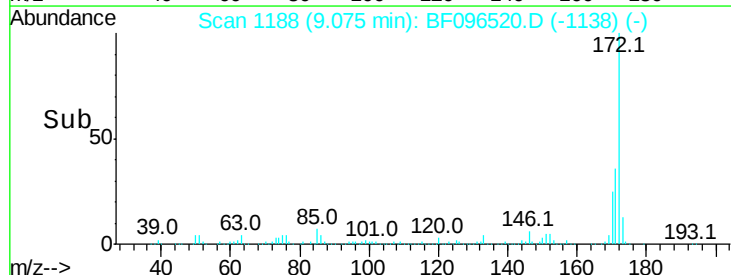
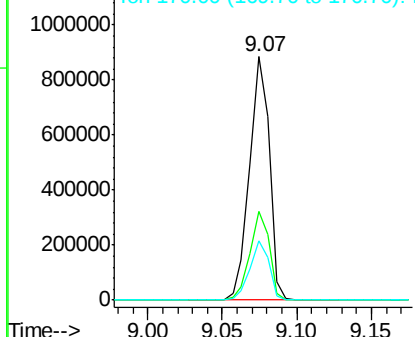


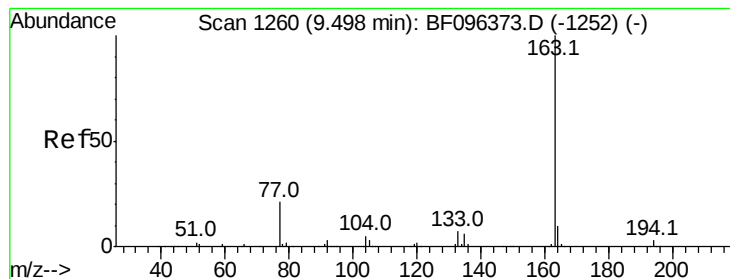
#44
 2-Fluorobiphenyl
 Concen: 98.07 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096520.D
 Acq: 6 Jul 2017 8:51

Tgt Ion:172 Resp: 812640
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.5 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: 37.26 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF096520.D

Acq: 6 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

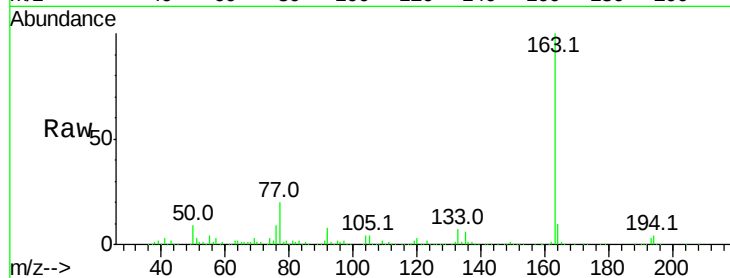
Tot Ion:163 Resp: 394101

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

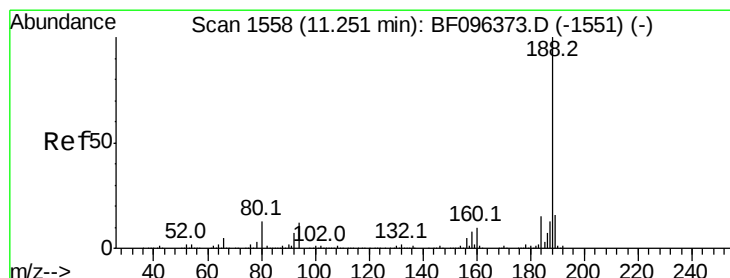
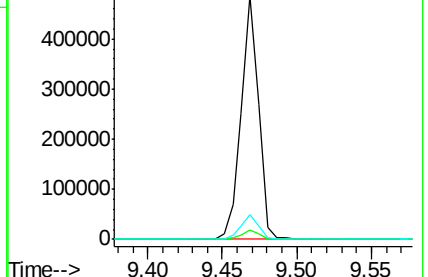
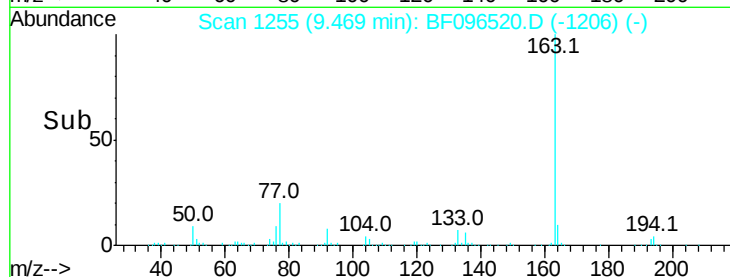
164 10.2 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF096520.D

Acq: 6 Jul 2017 8:51

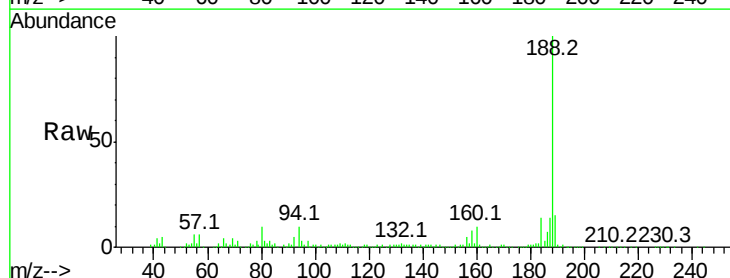
Tgt Ion:188 Resp: 217314

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

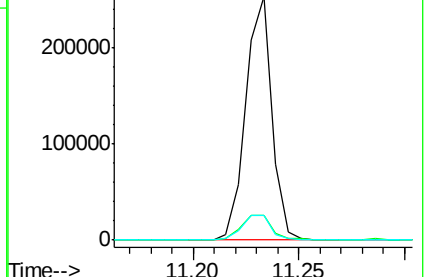
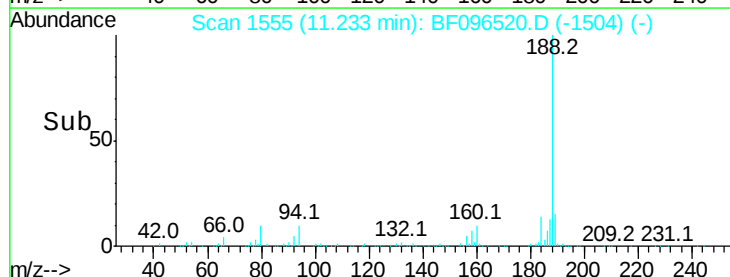
80 10.0 10.2 15.2#

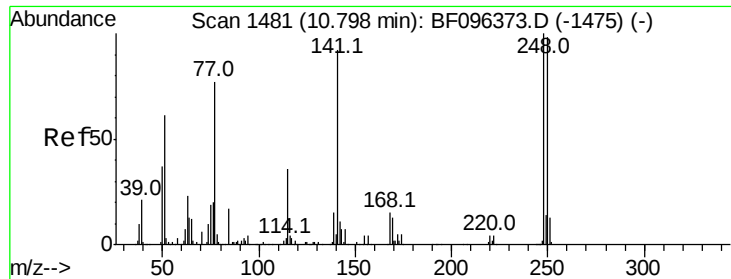


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

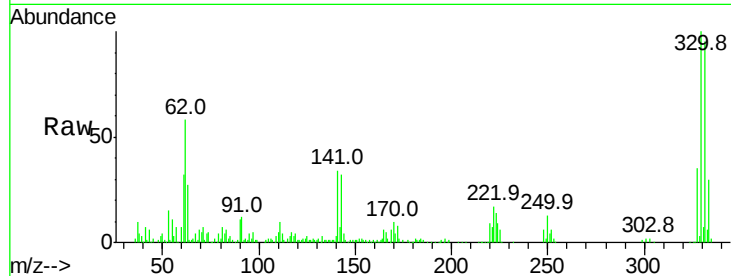




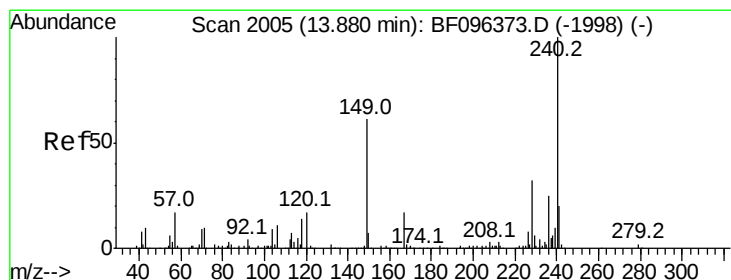
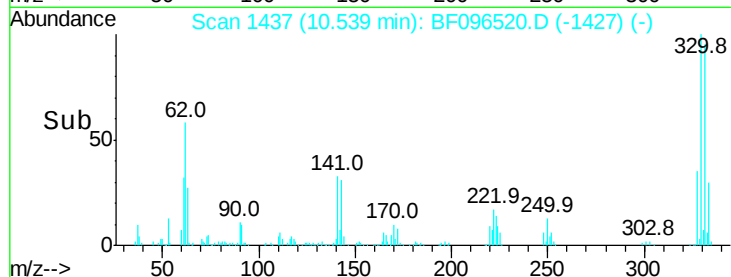
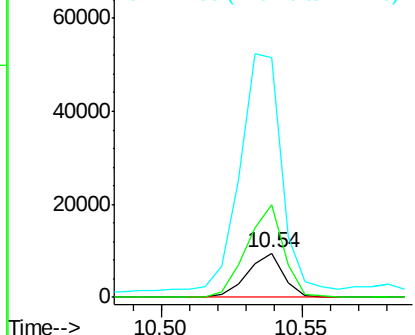
#66
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF096520.D
Acq: 6 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8467
Ion Ratio Lower Upper
248 100
250 209.6 76.8 115.2#
141 541.6 68.6 103.0#

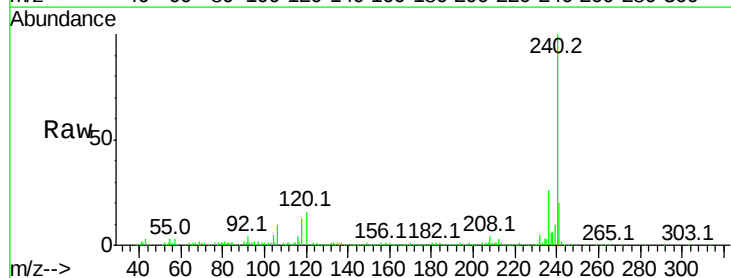


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

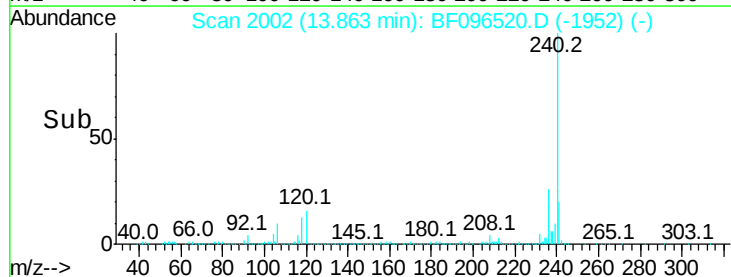
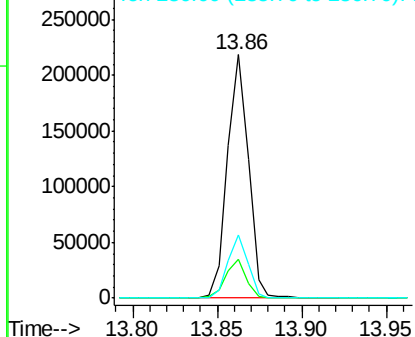


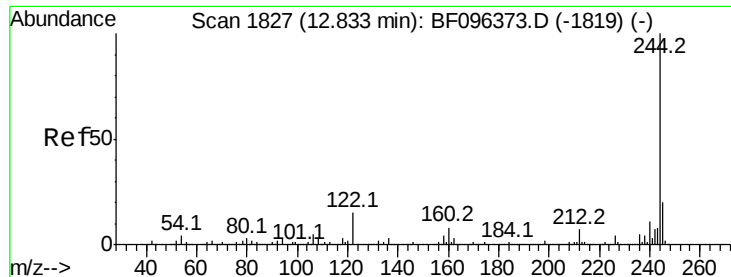
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096520.D
Acq: 6 Jul 2017 8:51

Tgt Ion:240 Resp: 188623
Ion Ratio Lower Upper
240 100
120 15.8 5.8 8.8#
236 26.2 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

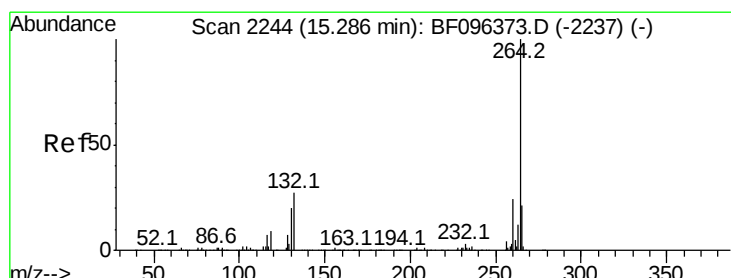
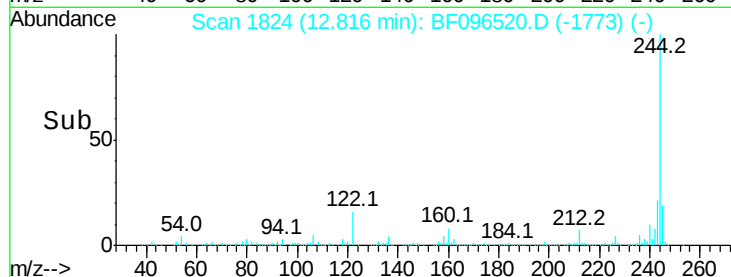
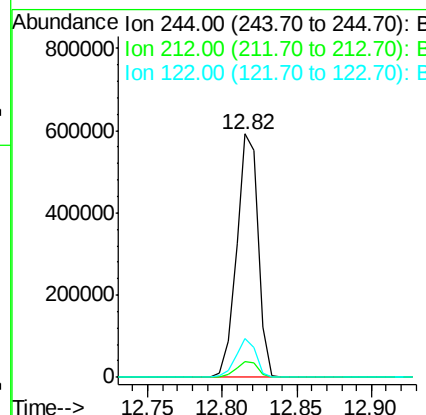
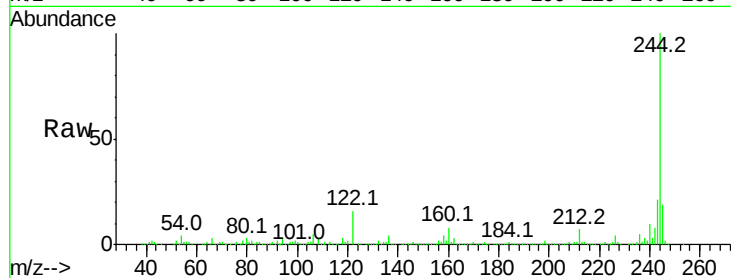




#78
 Terphenyl-d14
 Concen: 67.97 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096520.D
 Acq: 6 Jul 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	15.7	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF096520.D
 Acq: 6 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.5	29.3
265	21.0	17.2	25.8

