

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096602.D
 Acq On : 10 Jul 2017 15:46
 Operator : SJ/JU
 Sample : I4075-06RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:09:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

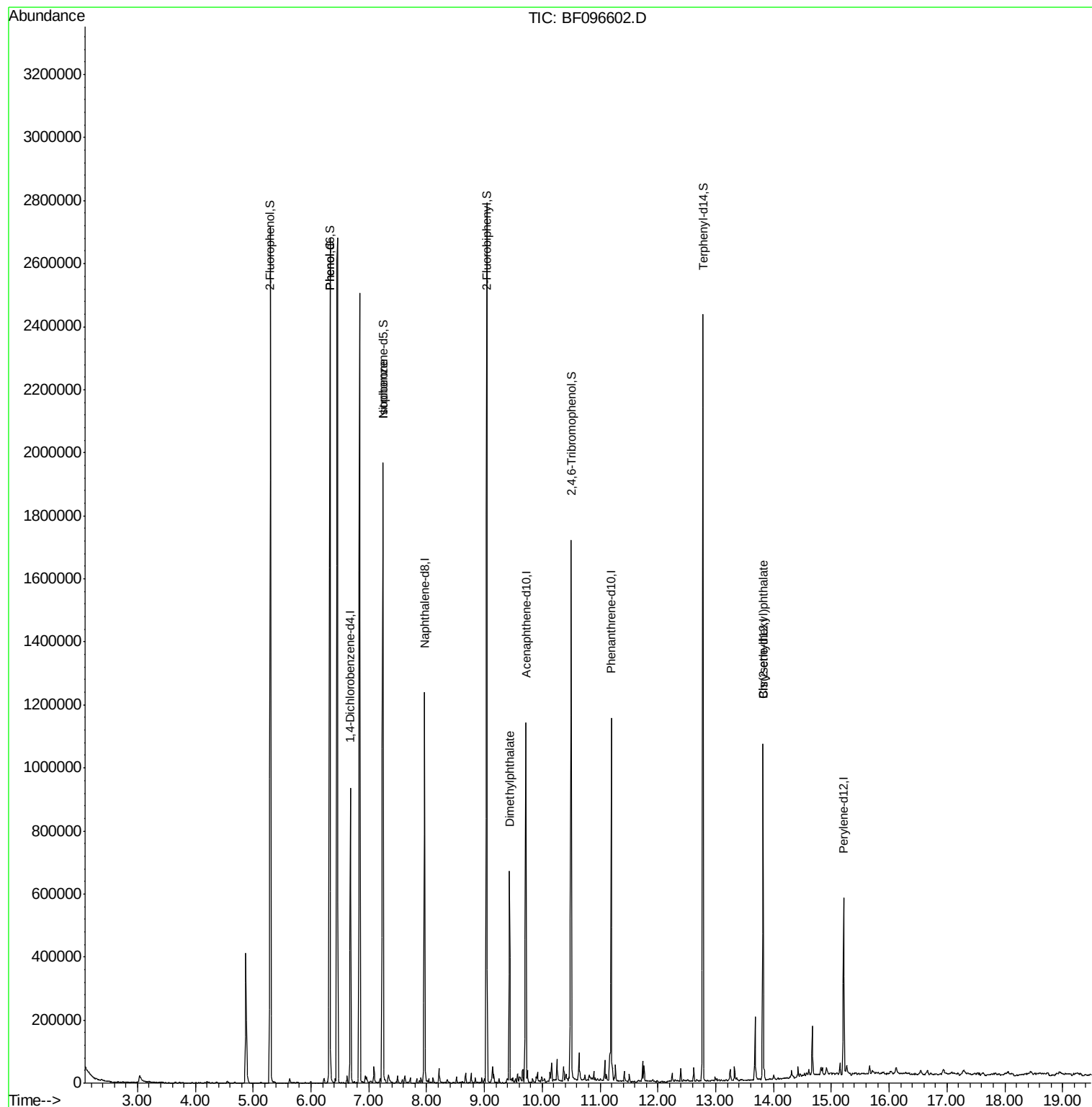
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	127114	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	559660	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	247122	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	413703	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	305099	20.00	ng	-0.02
86) Perylene-d12	15.22	264	231897	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	810651	94.13	ng	-0.01
7) Phenol-d6	6.33	99	1001622	94.60	ng	-0.02
23) Nitrobenzene-d5	7.25	82	646502	69.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	218002	112.94	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	1033230	71.49	ng	-0.02
78) Terphenyl-d14	12.78	244	794460	55.64	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	38902	3.23	ng	Qvalue 99
25) Isophorone	7.25	82	645928	35.77	ng	# 67
49) Dimethylphthalate	9.43	163	258591	14.02	ng	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	55954	4.04	ng	99

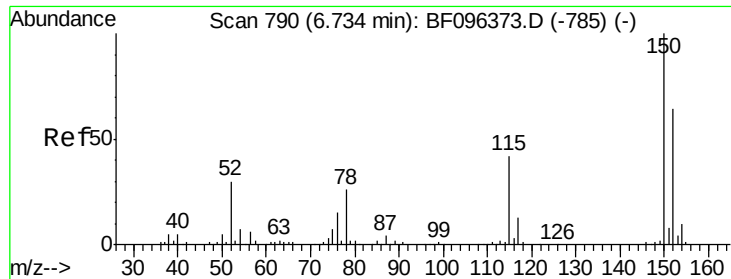
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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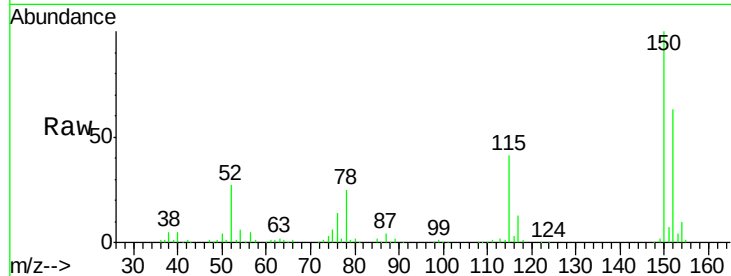


#1

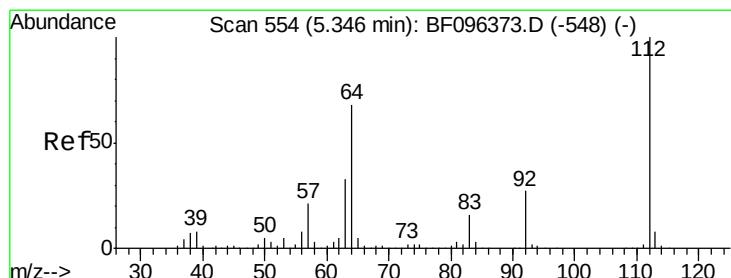
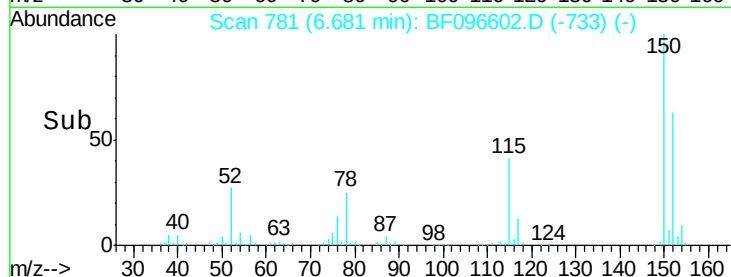
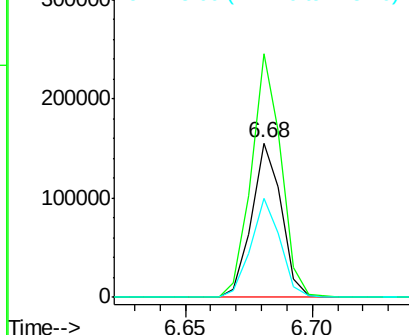
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096602.D
Acq: 10 Jul 2017 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127114
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 64.5 52.2 78.2



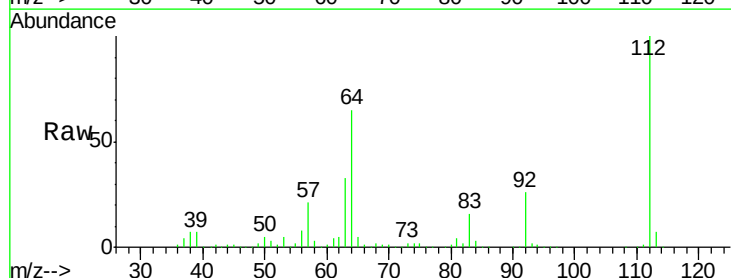
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



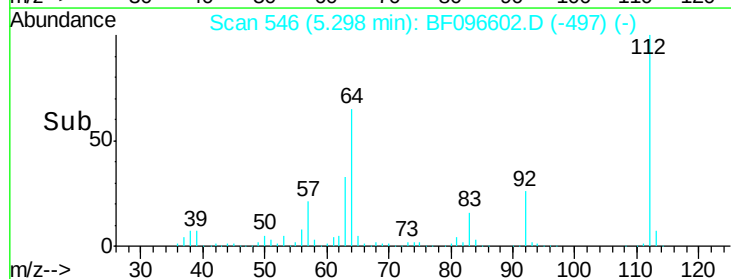
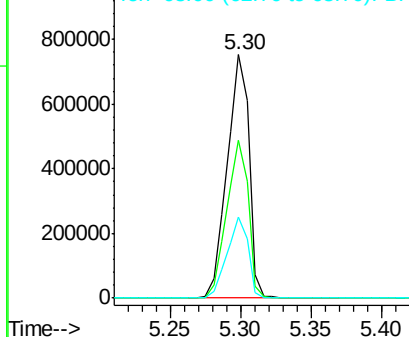
#5

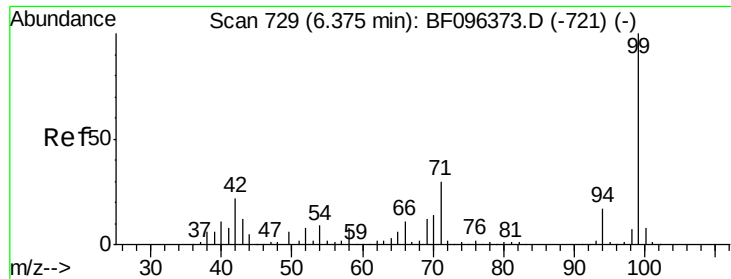
2-Fluorophenol
Concen: 94.13 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096602.D
Acq: 10 Jul 2017 15:46

Tgt Ion:112 Resp: 810651
Ion Ratio Lower Upper
112 100
64 65.0 46.0 69.0
63 33.2 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: 94.60 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

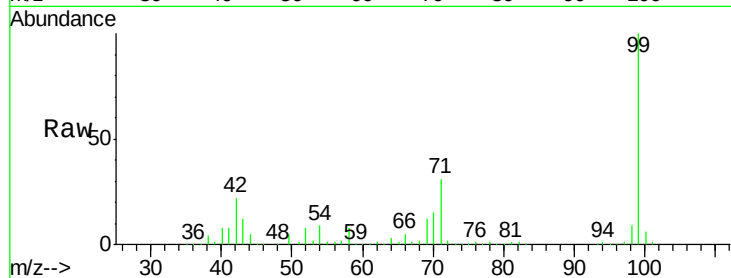
Instrument :

BNA_F

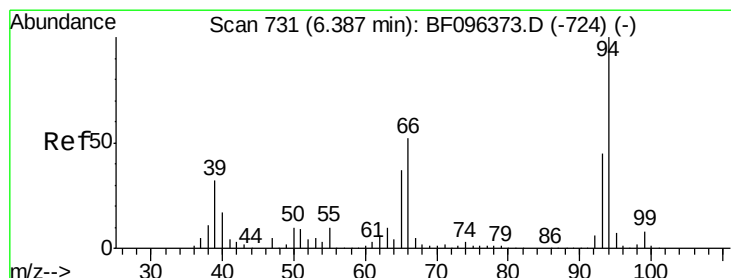
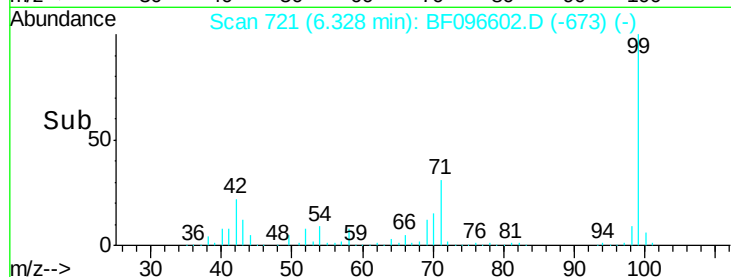
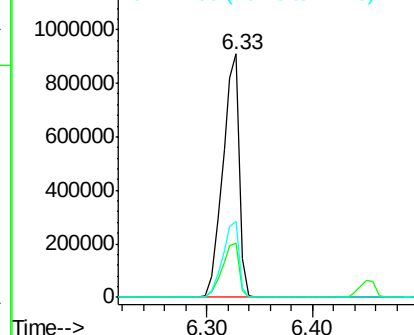
ClientSampleId :

Tot Ion: 99 Resp: 1001622

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	31.1	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: 3.23 ng

RT: 6.33 min Scan# 722

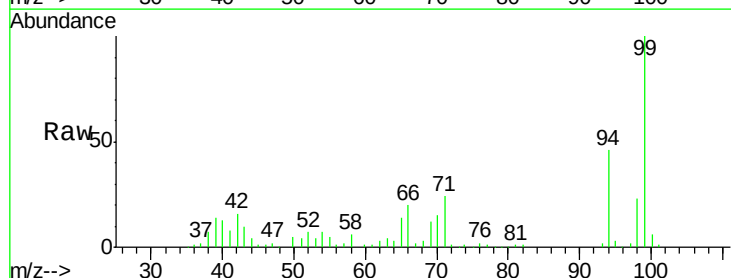
Delta R.T. -0.02 min

Lab File: BF096602.D

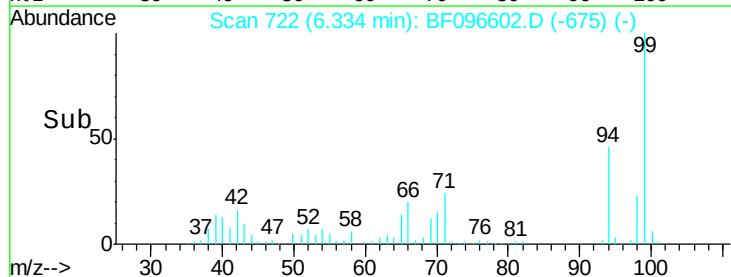
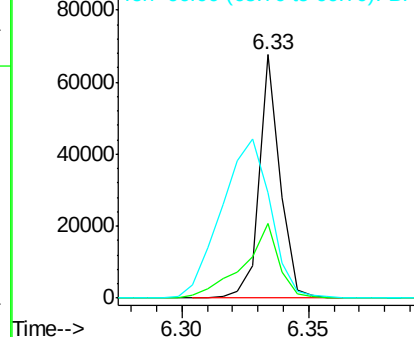
Acq: 10 Jul 2017 15:46

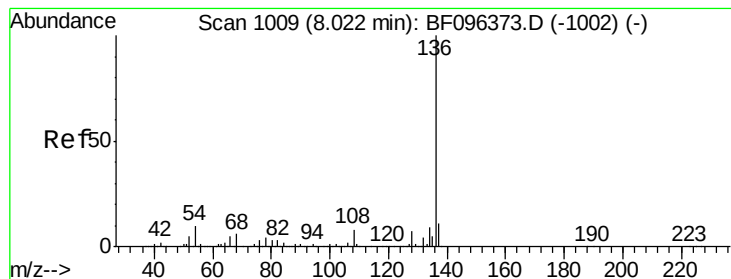
Tgt Ion: 94 Resp: 38902

Ion	Ratio	Lower	Upper
94	100		
65	30.8	9.9	49.9
66	43.2	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: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096602.D

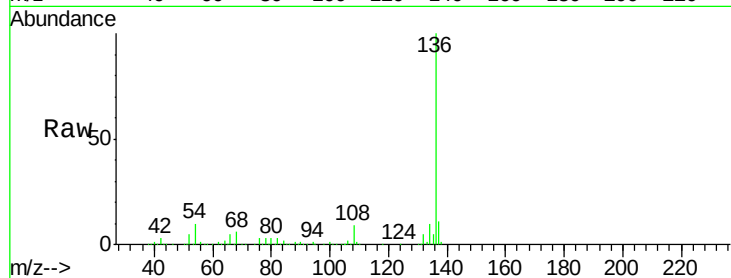
Acq: 10 Jul 2017 15:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	559660
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.5 12.7
54	10.2	4.9 7.3#
68	5.8	4.1 6.1

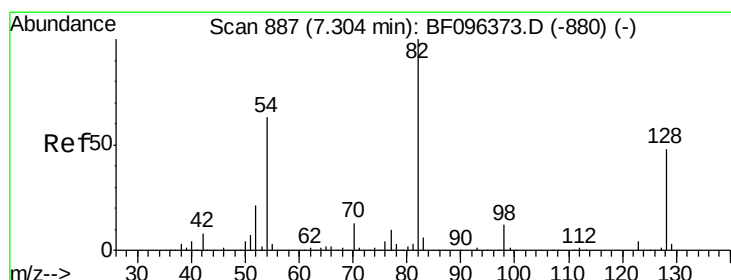
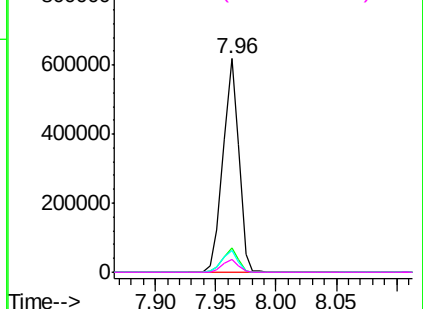
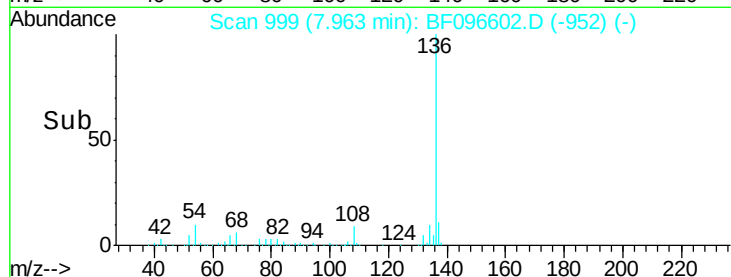


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.42 ng

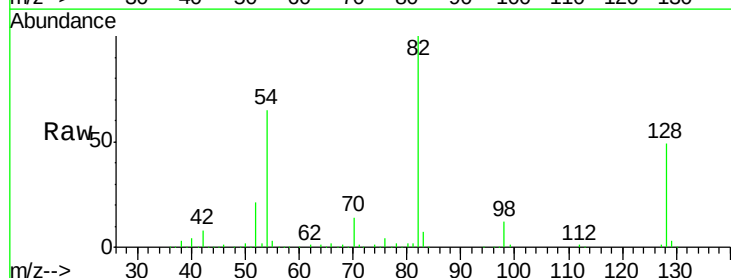
RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

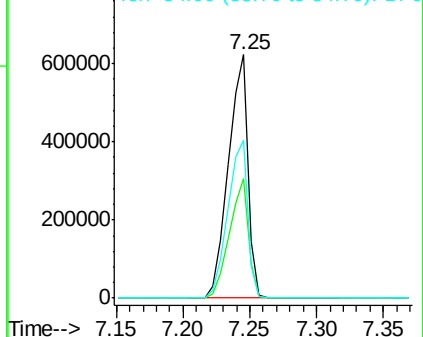
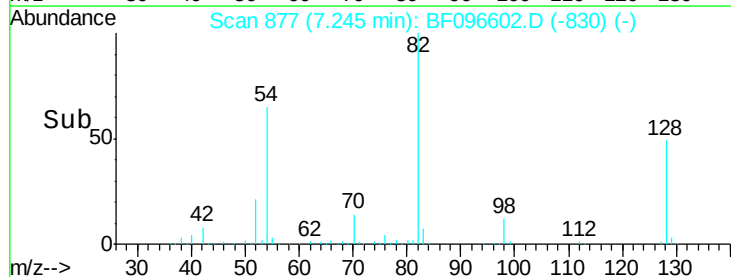
Tgt Ion: 82	Resp:	646502
Ion	Ratio	Lower Upper
82	100	
128	49.2	34.0 51.0
54	65.1	42.2 63.2#

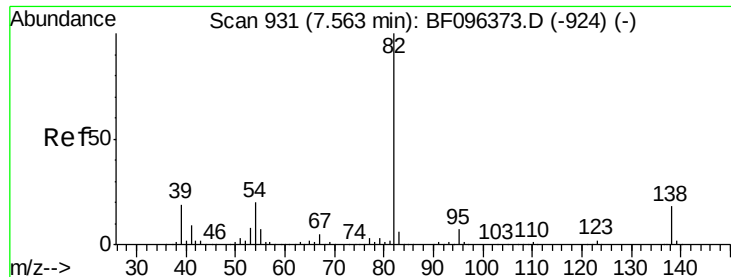


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.77 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.28 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

Instrument :

BNA_F

ClientSampleId :

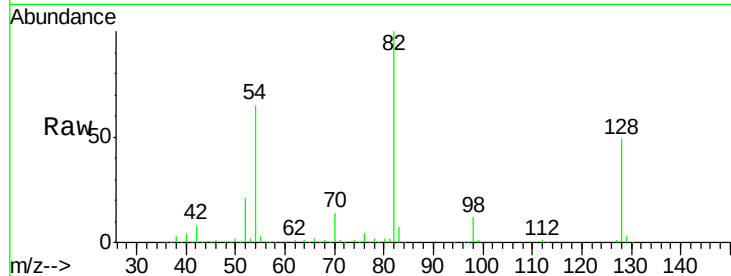
Tot Ion: 82 Resp: 645928

Ion Ratio Lower Upper

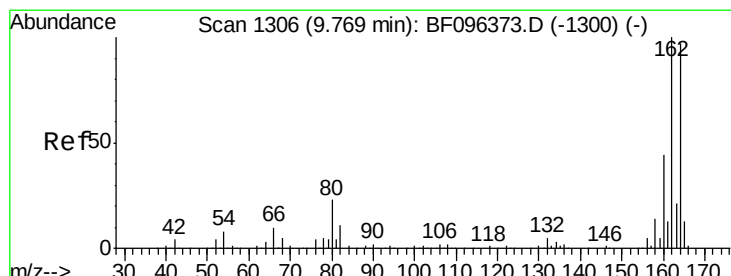
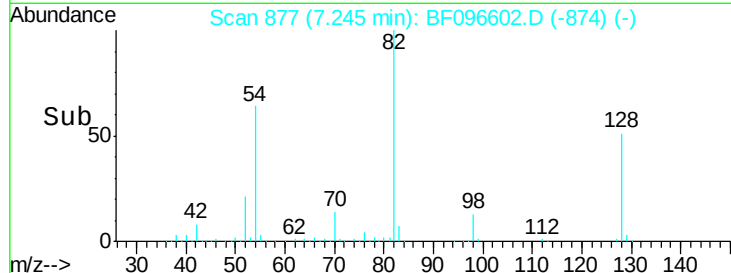
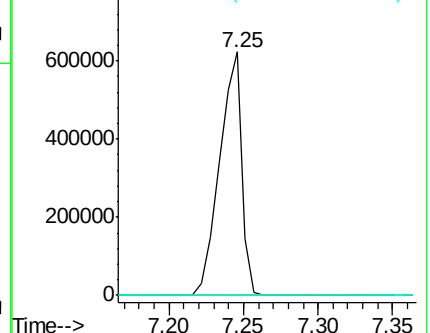
82 100

95 0.0 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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

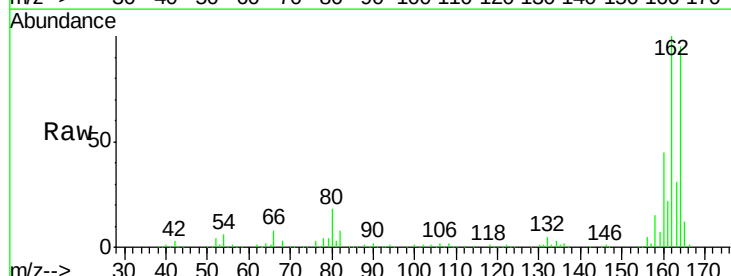
Tgt Ion: 164 Resp: 247122

Ion Ratio Lower Upper

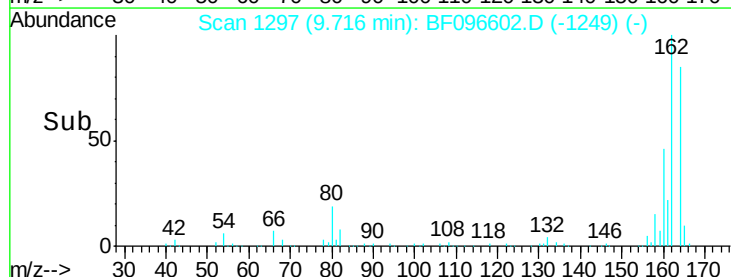
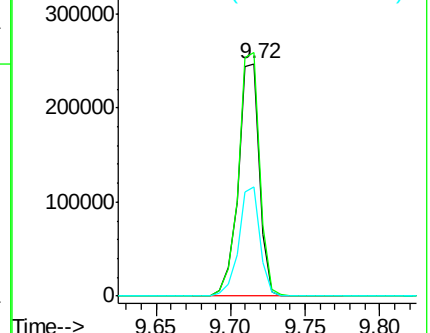
164 100

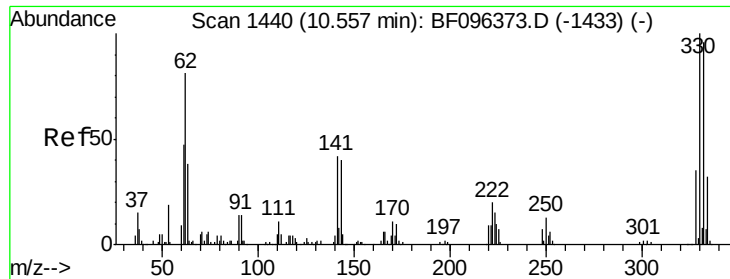
162 104.8 82.6 123.8

160 47.1 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

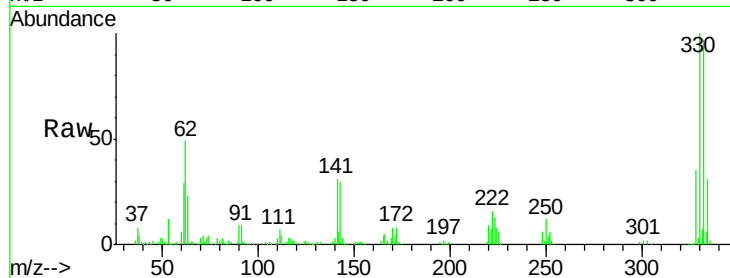




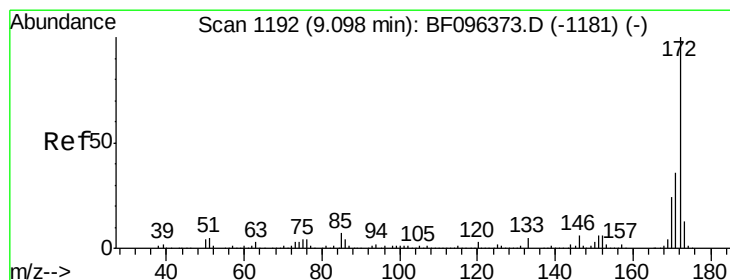
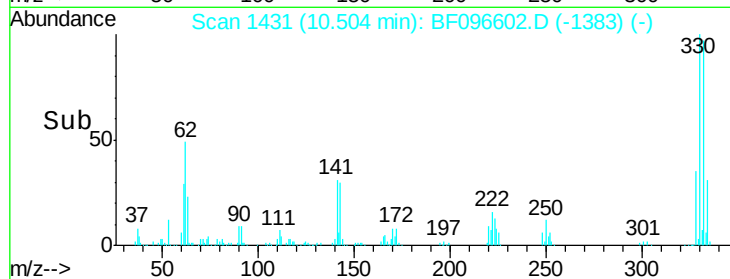
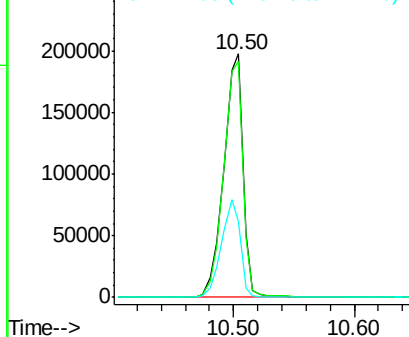
#41
 2,4,6-Tribromophenol
 Concen: 112.94 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096602.D
 Acq: 10 Jul 2017 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 218002
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 39.2 31.4 47.2

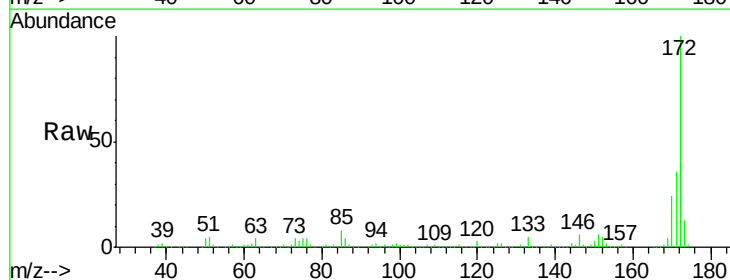


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

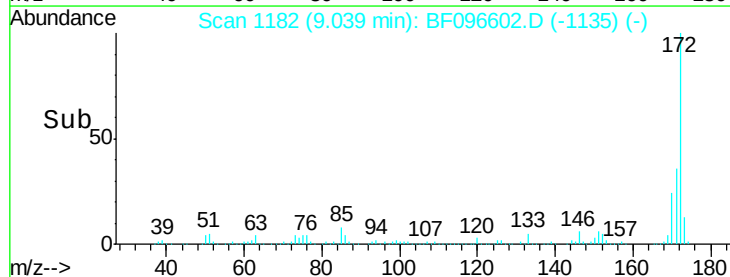
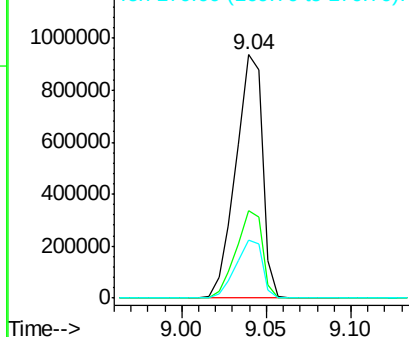


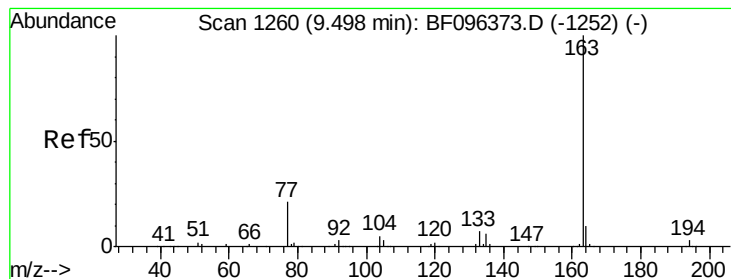
#44
 2-Fluorobiphenyl
 Concen: 71.49 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF096602.D
 Acq: 10 Jul 2017 15:46

Tgt Ion:172 Resp: 1033230
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.9 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: 14.02 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.04 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

Instrument :

BNA_F

ClientSampleId :

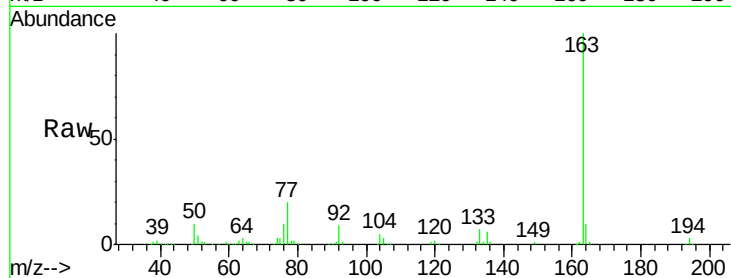
Tot Ion:163 Resp: 258591

Ion Ratio Lower Upper

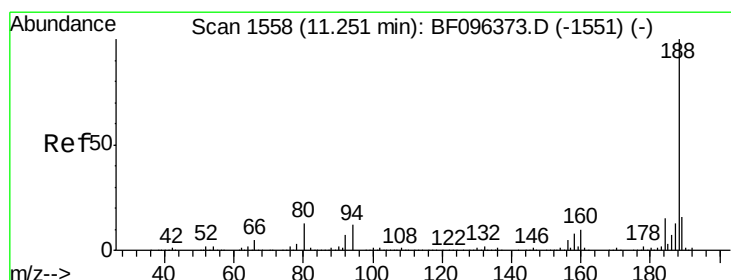
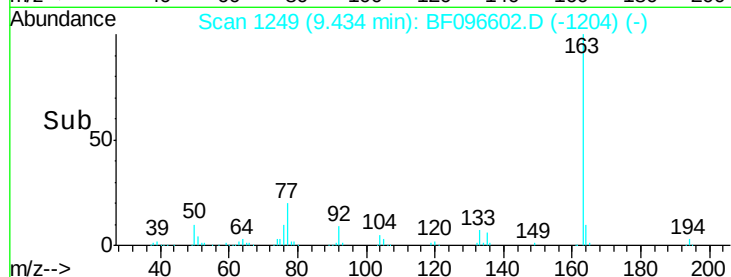
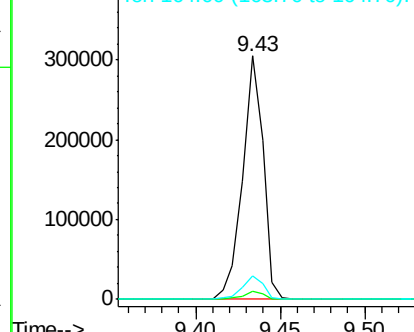
163 100

194 3.1 2.6 4.0

164 9.8 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: 11.19 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

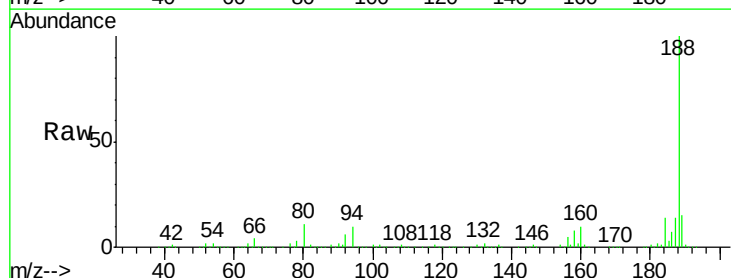
Tgt Ion:188 Resp: 413703

Ion Ratio Lower Upper

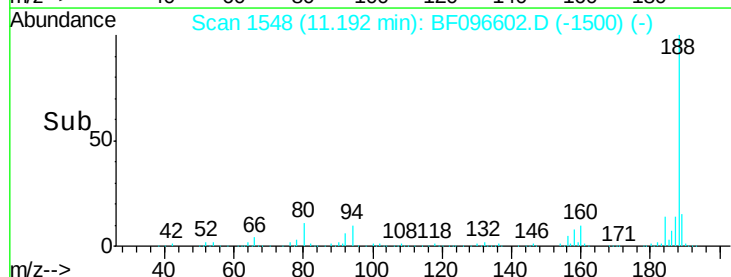
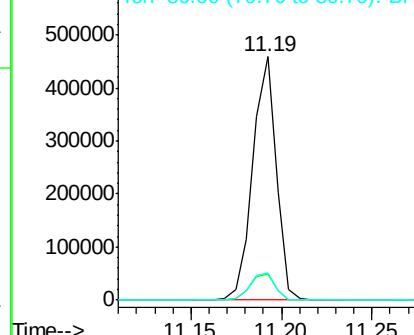
188 100

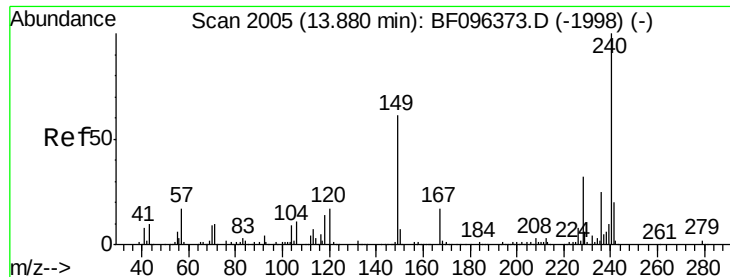
94 10.4 9.4 14.2

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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

Instrument :

BNA_F

ClientSampleId :

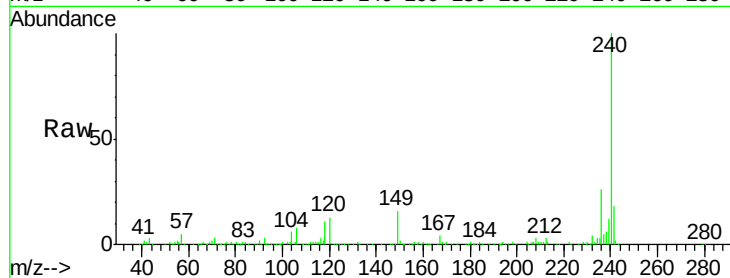
Tot Ion:240 Resp: 305099

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

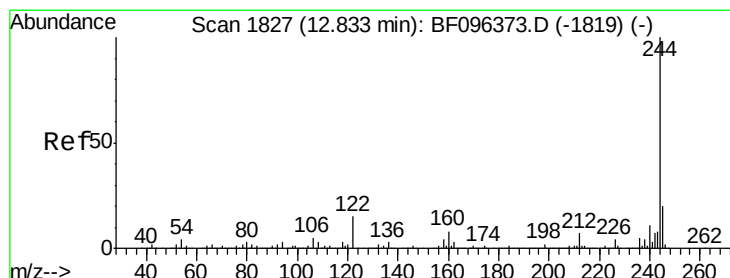
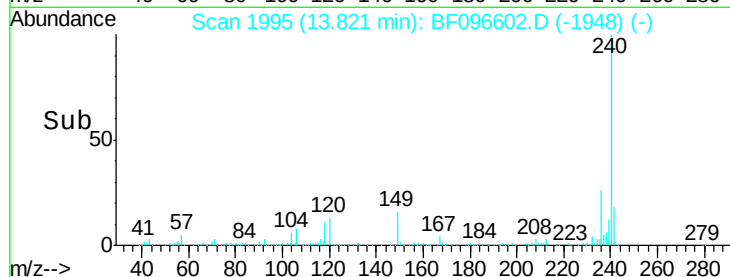
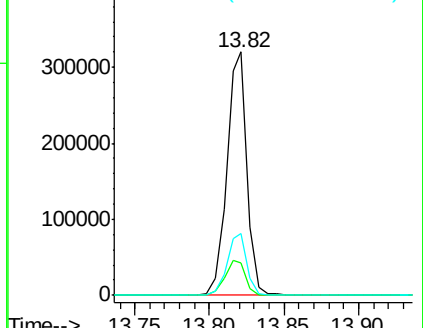
236 25.7 20.5 30.7



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: 55.64 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

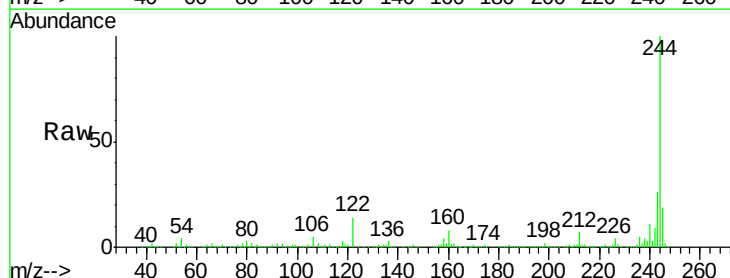
Tgt Ion:244 Resp: 794460

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

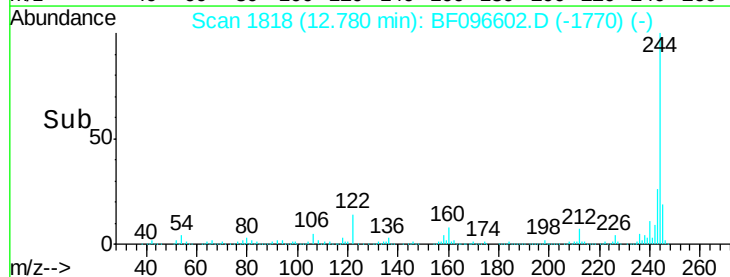
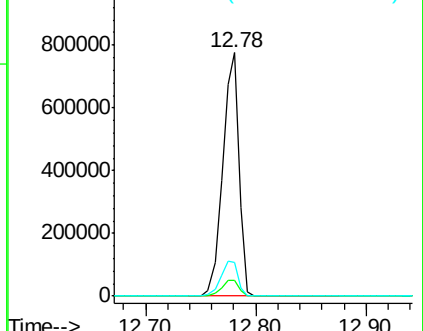
122 14.1 10.3 15.5

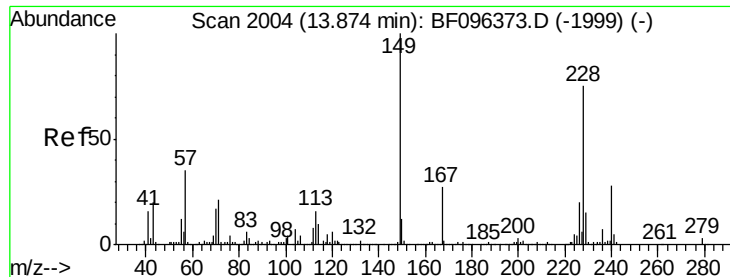


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.04 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

Instrument :

BNA_F

ClientSampleId :

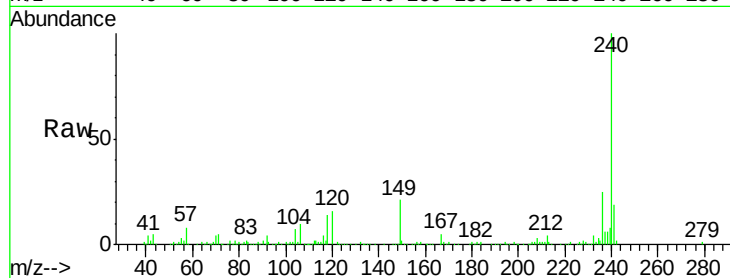
Tot Ion:149 Resp: 55954

Ion Ratio Lower Upper

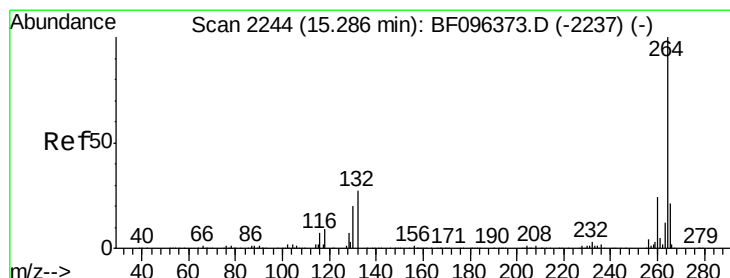
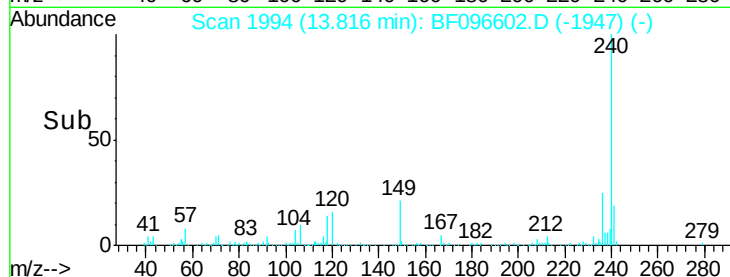
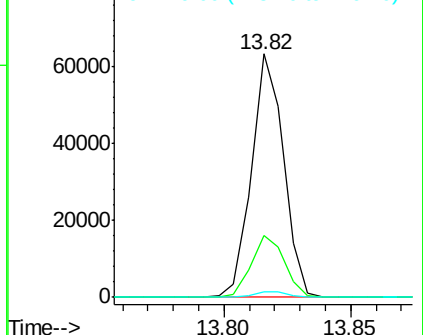
149 100

167 25.4 21.0 31.4

279 2.5 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: 15.22 min Scan# 2232

Delta R.T. -0.03 min

Lab File: BF096602.D

Acq: 10 Jul 2017 15:46

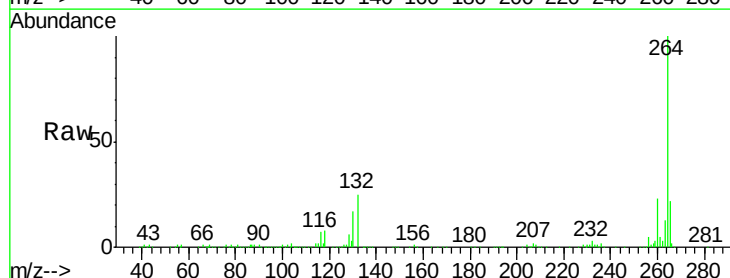
Tgt Ion:264 Resp: 231897

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.8 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

