

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
 Data File : BF096330.D
 Acq On : 30 Jun 2017 11:55
 Operator : SJ/MA
 Sample : I3883-07 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G42-0-1.5

Quant Time: Jun 30 17:41:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

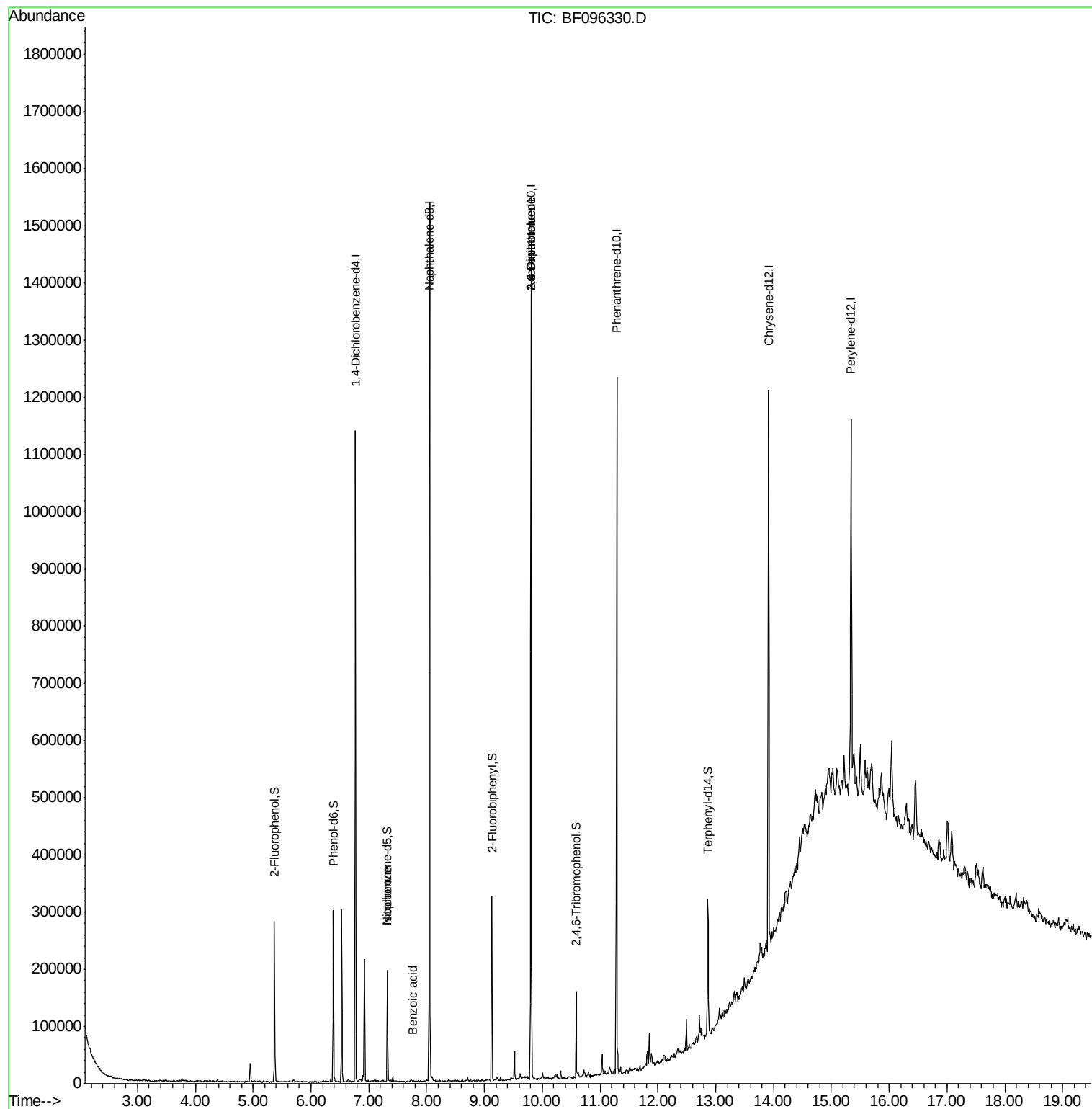
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	147795	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	609077	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	265390	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	406597	20.00	ng	0.00
75) Chrysene-d12	13.92	240	314288	20.00	ng	0.00
86) Perylene-d12	15.34	264	279747	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	71276	6.95	ng	-0.01
7) Phenol-d6	6.39	99	90509	7.29	ng	0.00
23) Nitrobenzene-d5	7.32	82	49287	5.60	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	15966	7.64	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	93423	6.45	ng	-0.02
78) Terphenyl-d14	12.86	244	63417	5.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	131	Below Cal	#	1
25) Isophorone	7.32	82	49300	2.467 ng	#	67
32) Benzoic acid	7.77	122	113	8.800 ng	#	38
50) 2,6-Dinitrotoluene	9.80	165	32729	8.284 ng	#	34
56) 2,4-Dinitrotoluene	9.80	165	32729	6.573 ng	#	33
57) Fluorene	10.35	166	854	Below Cal	#	80
70) Phenanthrene	11.31	178	11489	Below Cal		98

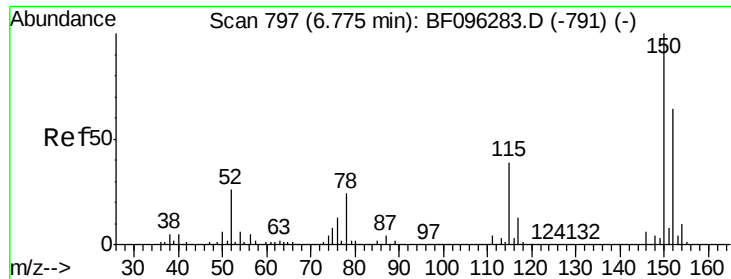
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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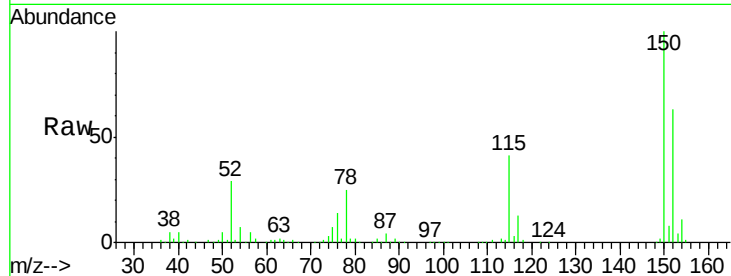


#1

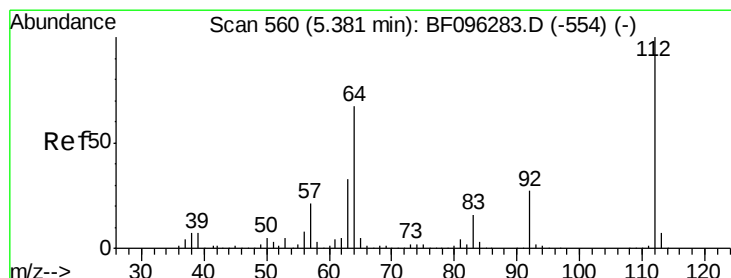
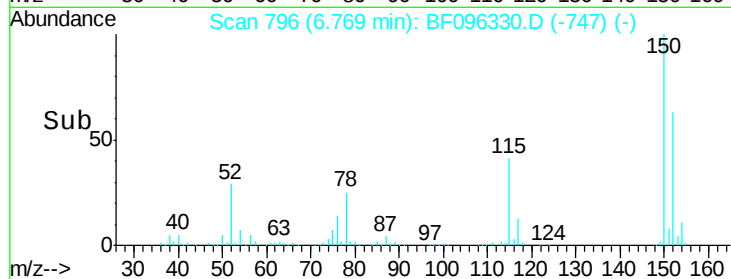
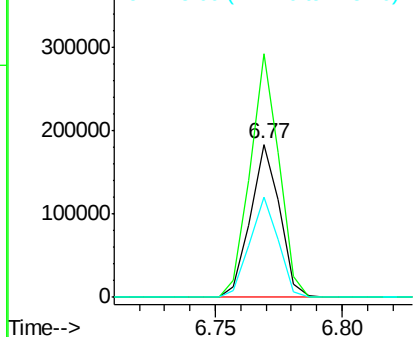
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096330.D
Acq: 30 Jun 2017 11:55

Instrument :
BNA_F
ClientSampleId :
G42-0-1.5

Tgt Ion:152 Resp: 147795
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 65.8 52.2 78.2



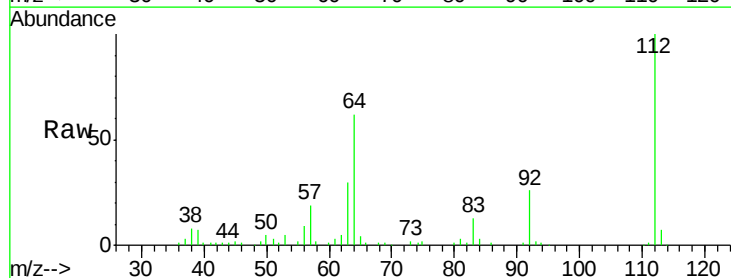
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



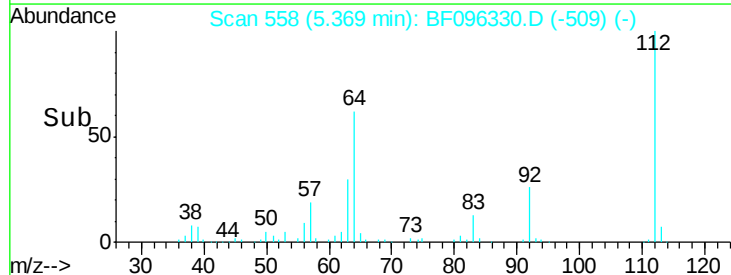
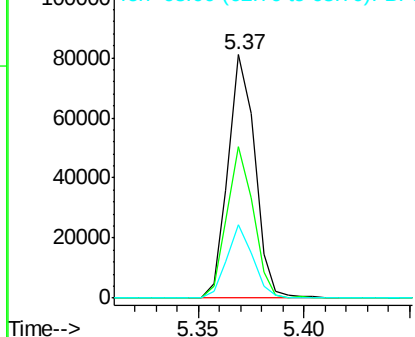
#5

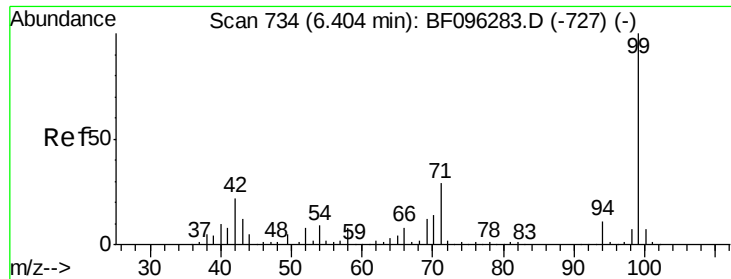
2-Fluorophenol
Concen: 6.948 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF096330.D
Acq: 30 Jun 2017 11:55

Tgt Ion:112 Resp: 71276
Ion Ratio Lower Upper
112 100
64 62.4 46.0 69.0
63 30.1 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: 7.286 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096330.D

Acq: 30 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

G42-0-1.5

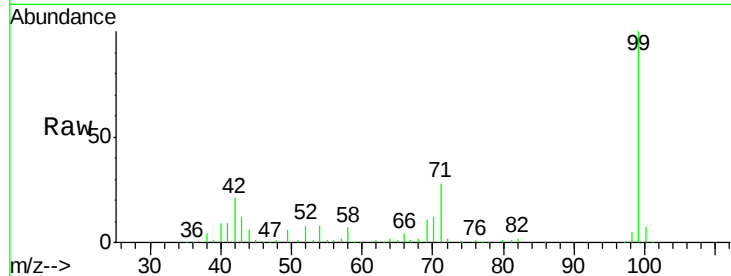
Tgt Ion: 99 Resp: 90509

Ion Ratio Lower Upper

99 100

42 21.1 13.5 20.3#

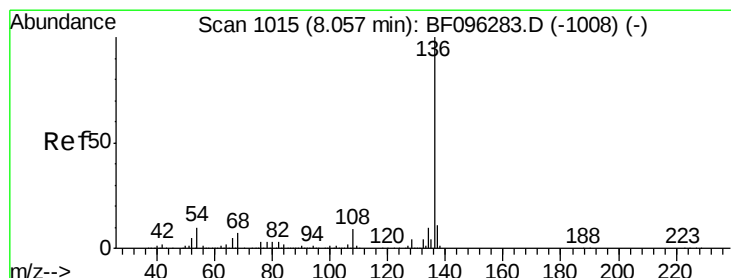
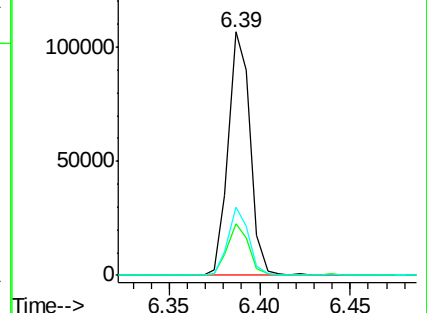
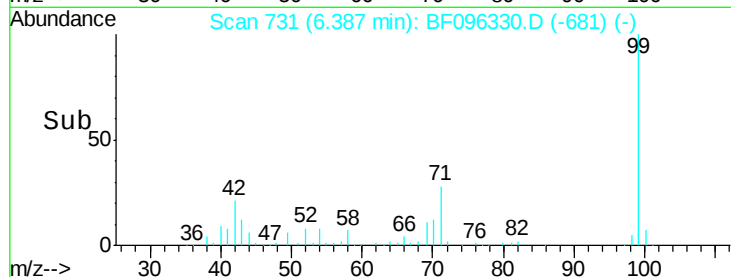
71 28.3 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF096330.D

Acq: 30 Jun 2017 11:55

Tgt Ion: 136 Resp: 609077

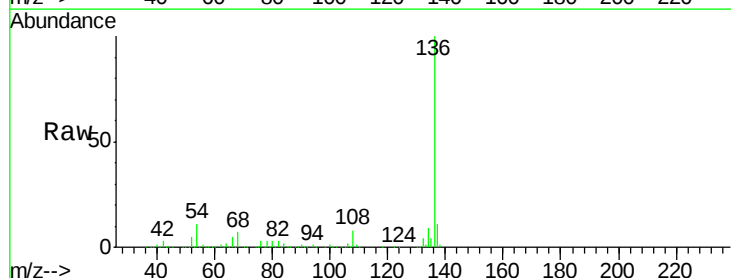
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.8 4.9 7.3#

68 6.9 4.1 6.1#

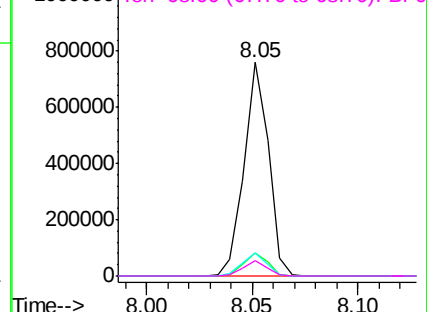
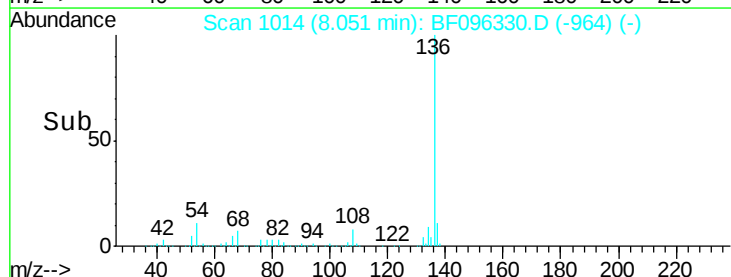


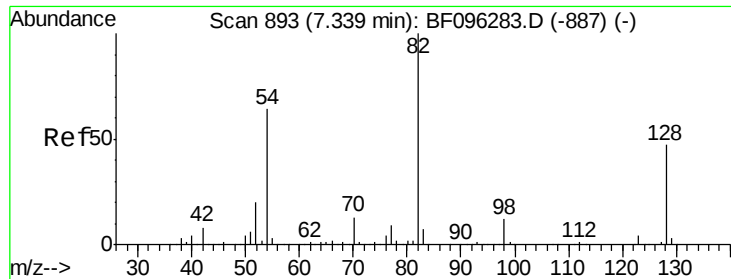
Abundance Ion 136.00 (135.70 to 136.70): E

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

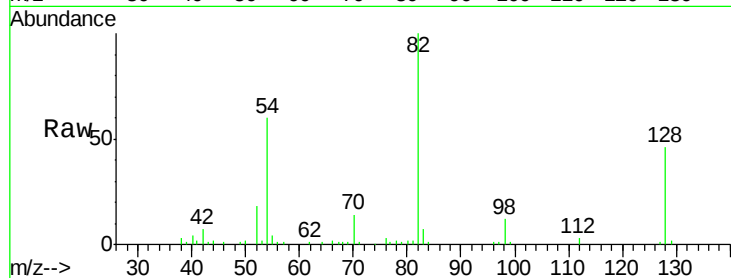




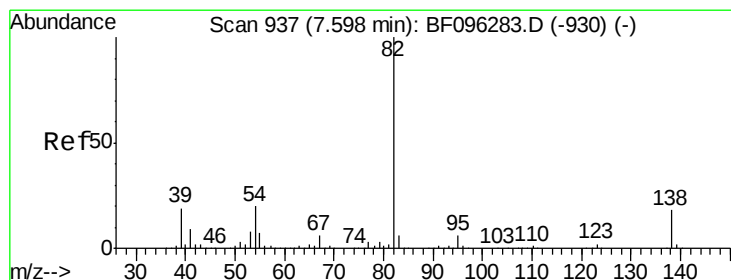
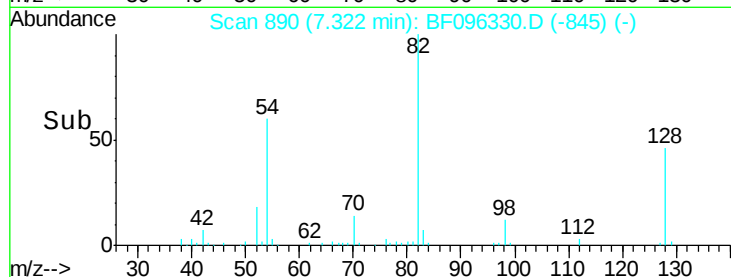
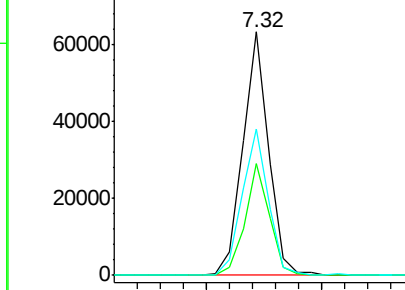
#23
Nitrobenzene-d5
Concen: 5.602 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096330.D
Acq: 30 Jun 2017 11:55

Instrument :
BNA_F
ClientSampleId :
G42-0-1.5

Tgt Ion: 82 Resp: 49287
Ion Ratio Lower Upper
82 100
128 46.0 34.0 51.0
54 60.3 42.2 63.2

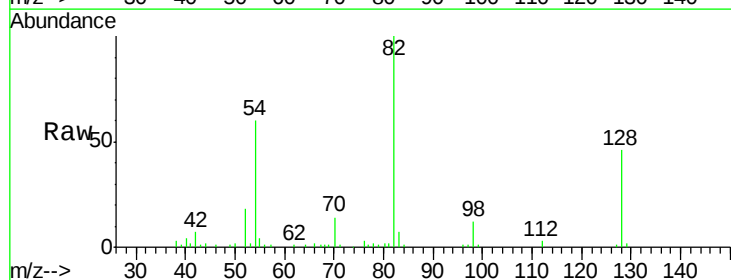


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

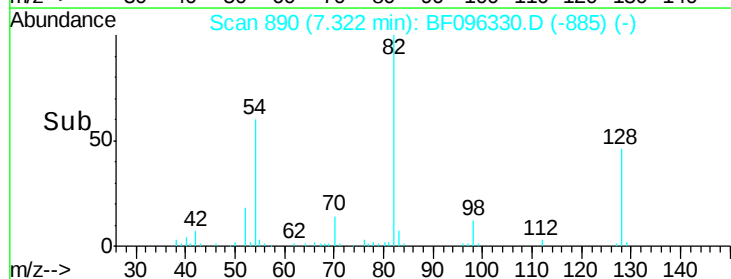
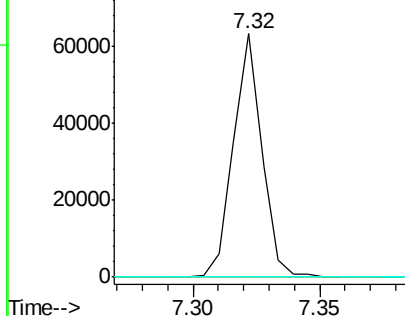


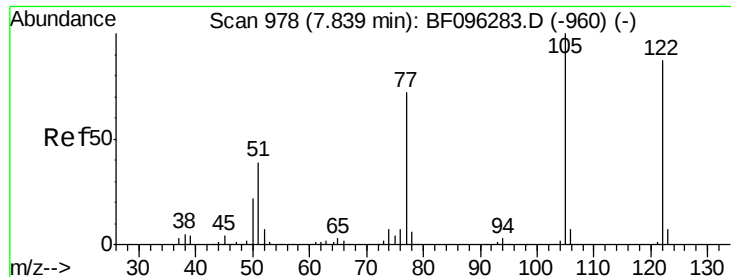
#25
Isophorone
Concen: 2.467 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.27 min
Lab File: BF096330.D
Acq: 30 Jun 2017 11:55

Tgt Ion: 82 Resp: 49300
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): BF0





#32

Benzoic acid

Concen: 8.800 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.11 min

Lab File: BF096330.D

Acq: 30 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

G42-0-1.5

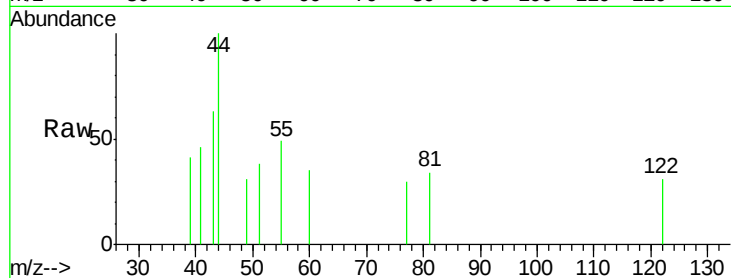
Tgt Ion:122 Resp: 113

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

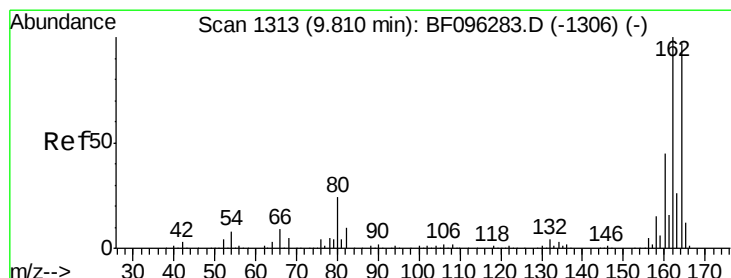
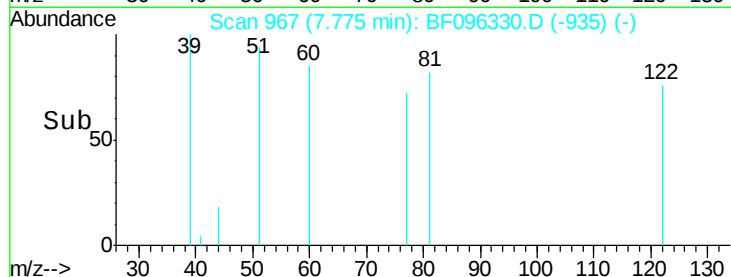
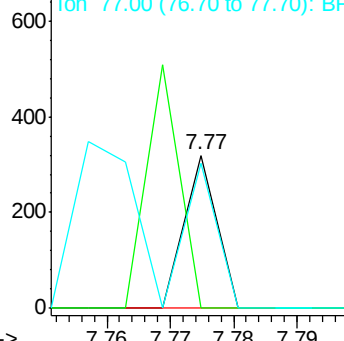
77 94.7 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF096330.D

Acq: 30 Jun 2017 11:55

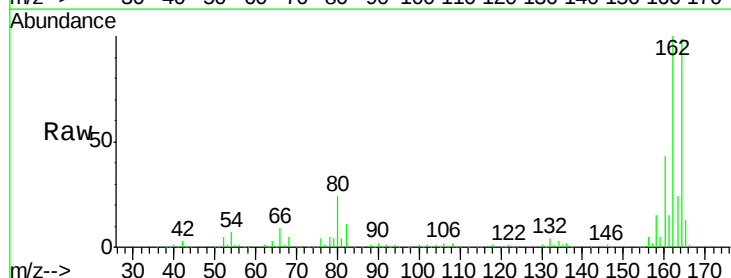
Tgt Ion:164 Resp: 265390

Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

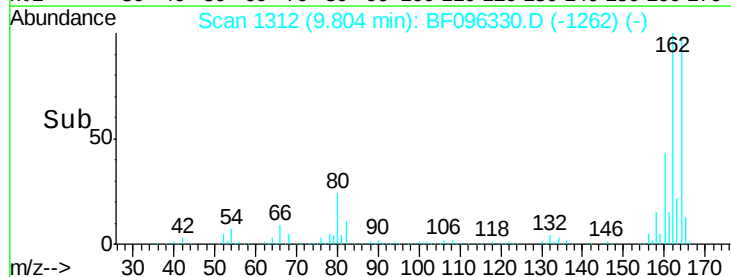
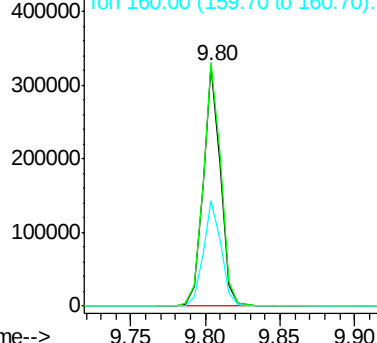
160 44.0 36.2 54.2

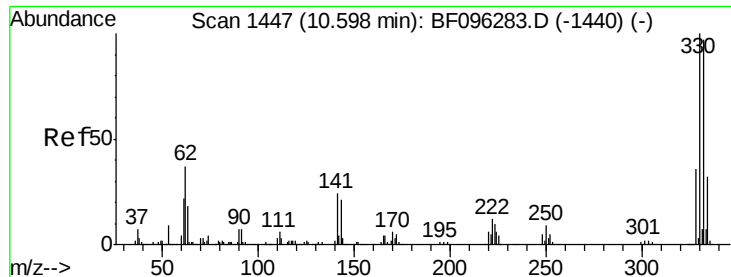


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 7.644 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF096330.D

Acq: 30 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

G42-0-1.5

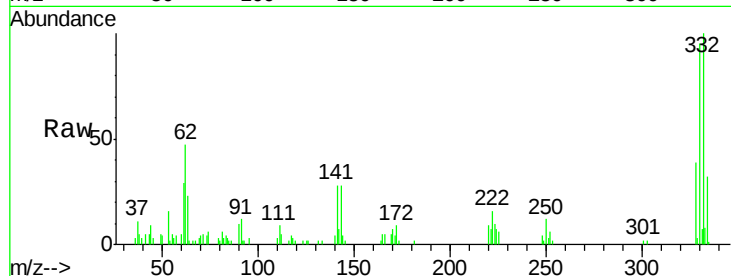
Tgt Ion:330 Resp: 15966

Ion Ratio Lower Upper

330 100

332 100.2 76.6 115.0

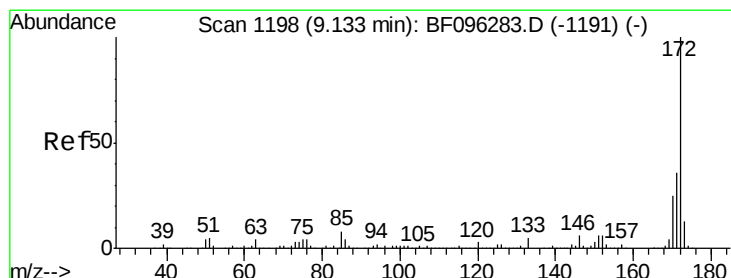
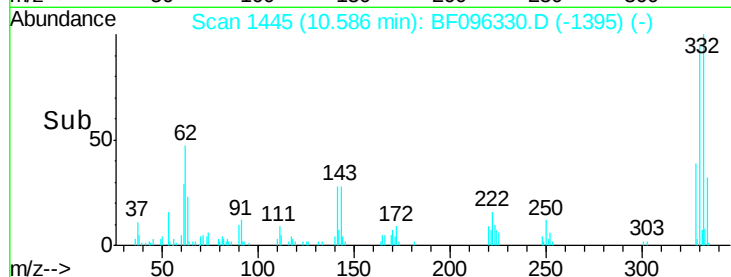
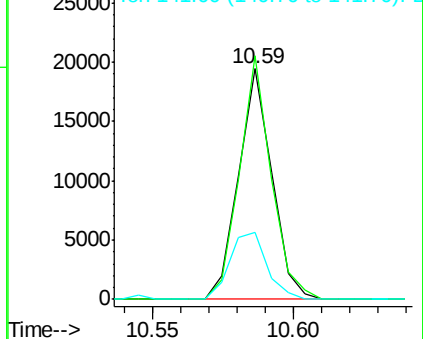
141 32.3 31.4 47.2



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: 6.447 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF096330.D

Acq: 30 Jun 2017 11:55

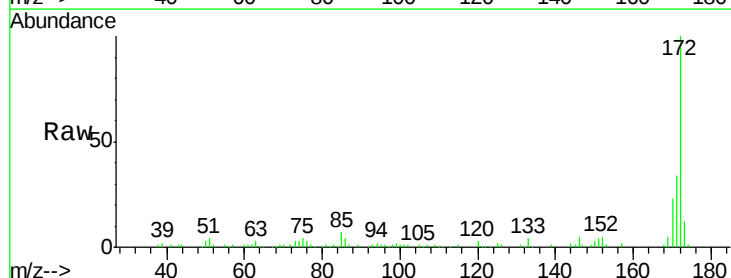
Tgt Ion:172 Resp: 93423

Ion Ratio Lower Upper

172 100

171 34.5 29.6 44.4

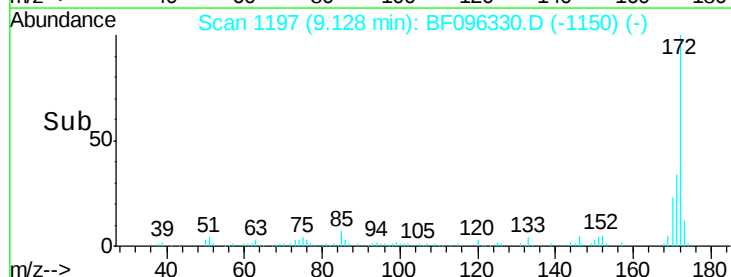
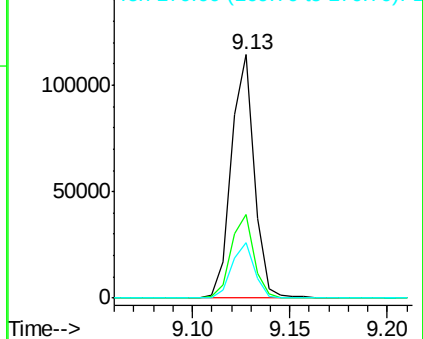
170 22.9 19.8 29.8

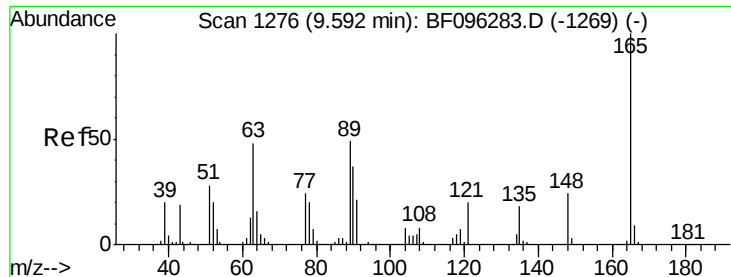


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

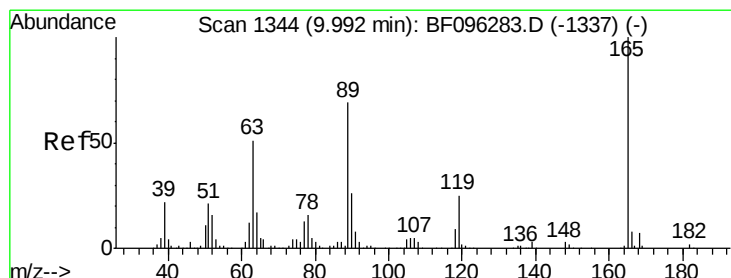
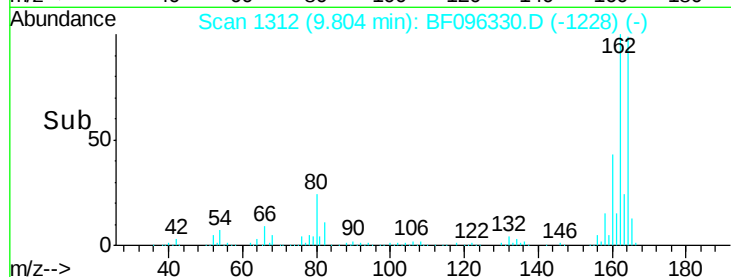
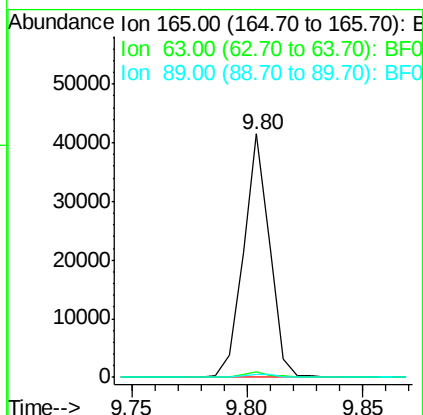
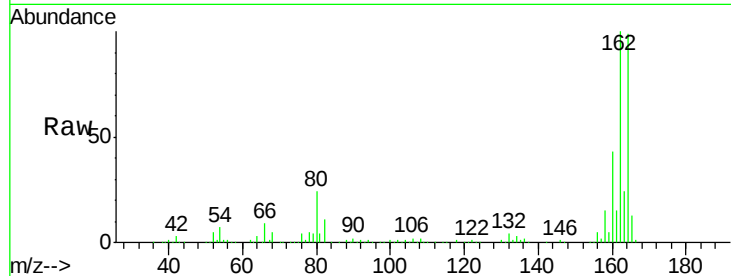




#50
 2,6-Dinitrotoluene
 Concen: 8.284 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF096330.D
 Acq: 30 Jun 2017 11:55

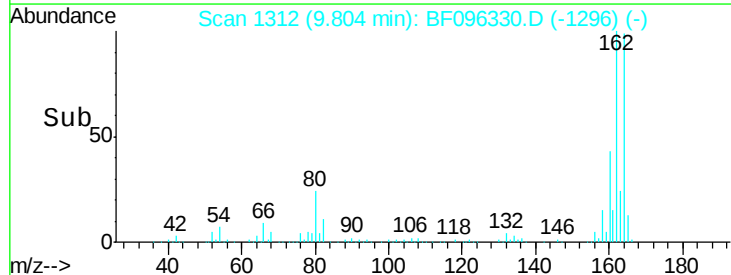
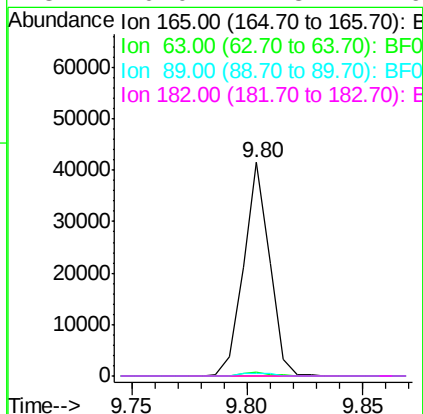
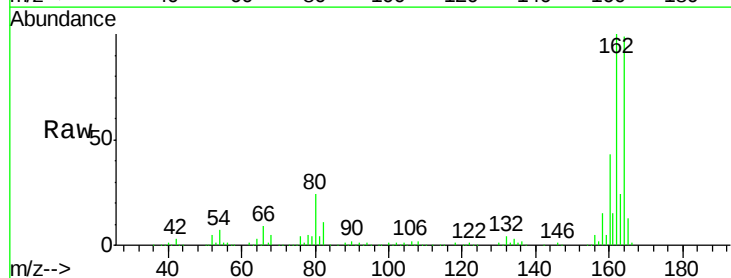
Instrument :
 BNA_F
 ClientSampled :
 G42-0-1.5

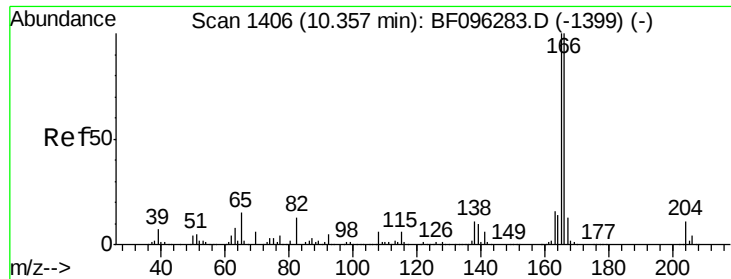
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	1.3	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.573 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.21 min
 Lab File: BF096330.D
 Acq: 30 Jun 2017 11:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#





#57

Fluorene

Concen: Below Cal

RT: 10.35 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BF096330.D

Acq: 30 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

G42-0-1.5

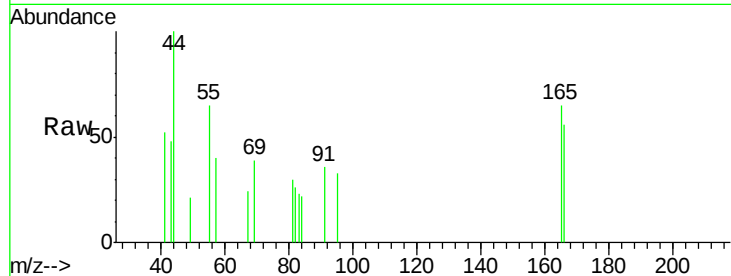
Tgt Ion:166 Resp: 854

Ion Ratio Lower Upper

166 100

165 116.7 78.8 118.2

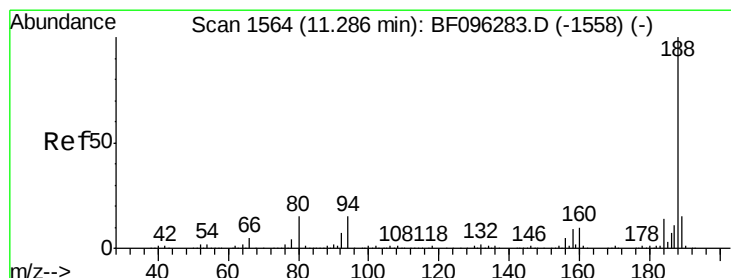
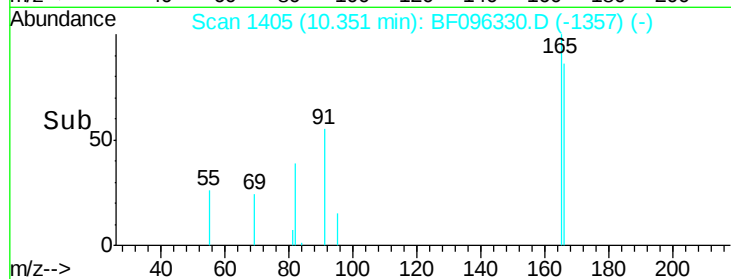
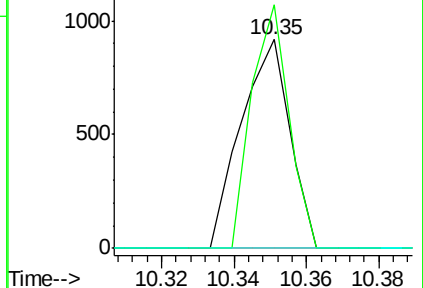
167 0.0 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BF096330.D

Acq: 30 Jun 2017 11:55

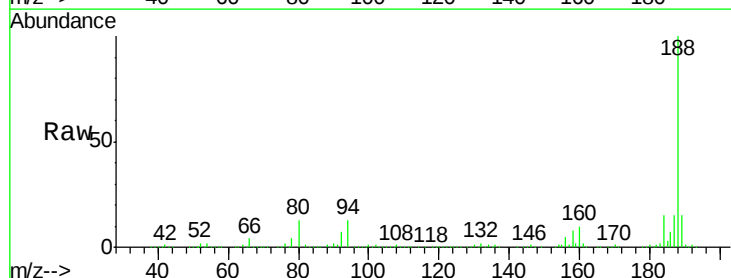
Tgt Ion:188 Resp: 406597

Ion Ratio Lower Upper

188 100

94 13.1 9.4 14.2

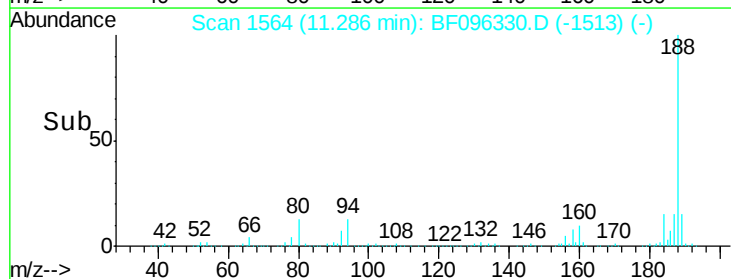
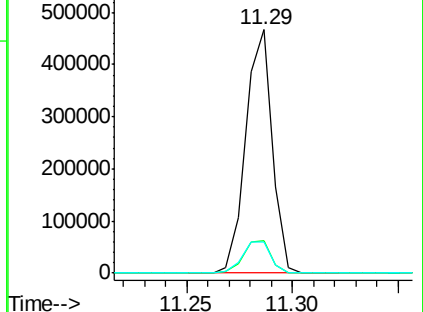
80 12.8 10.2 15.2

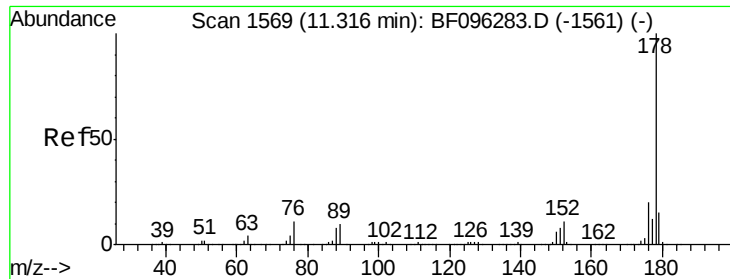


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

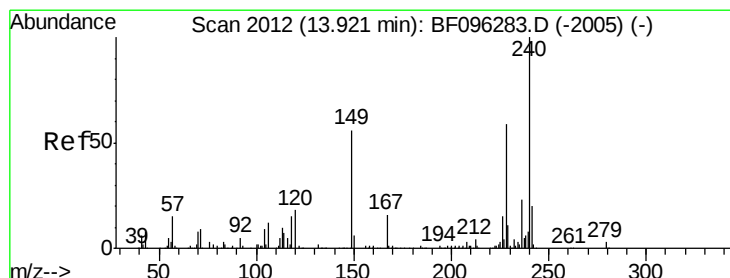
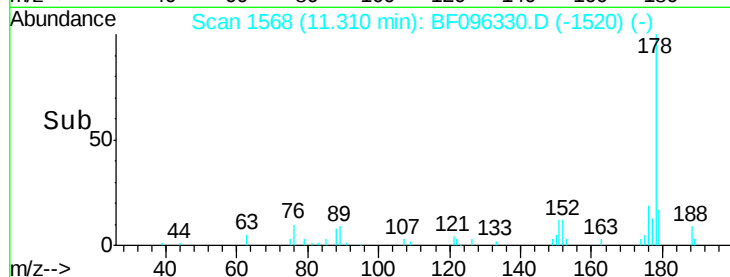
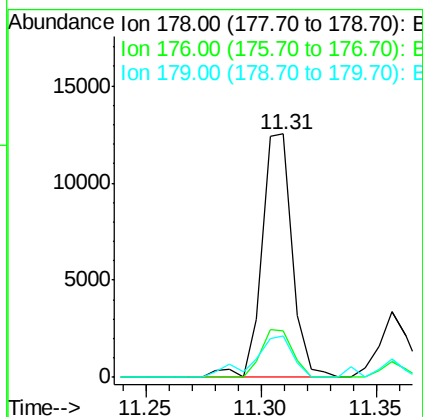
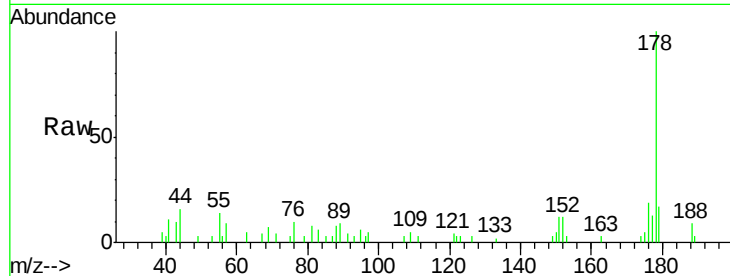




#70
Phenanthrene
Concen: Below Cal
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF096330.D
Acq: 30 Jun 2017 11:55

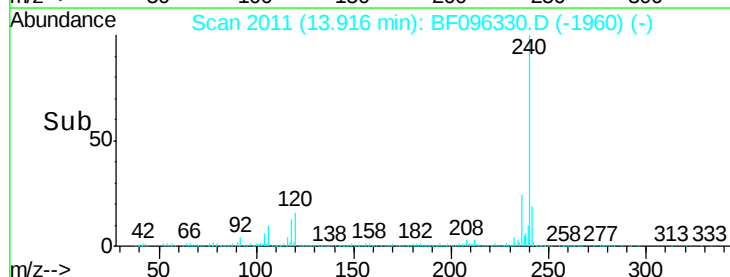
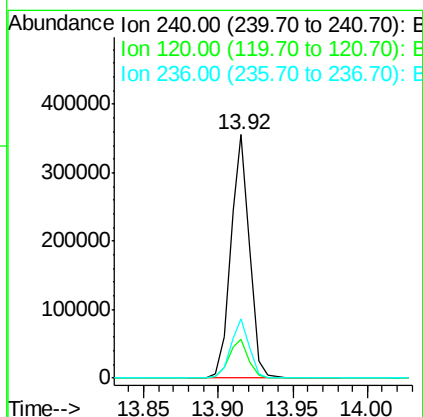
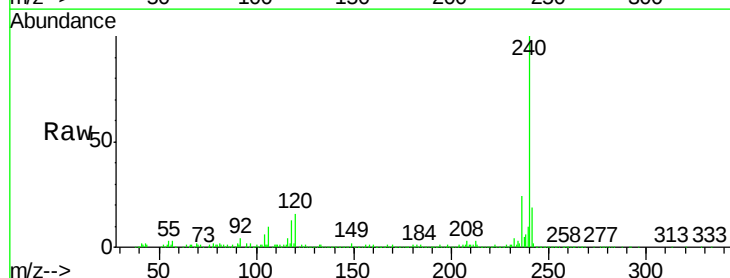
Instrument :
BNA_F
ClientSampleId :
G42-0-1.5

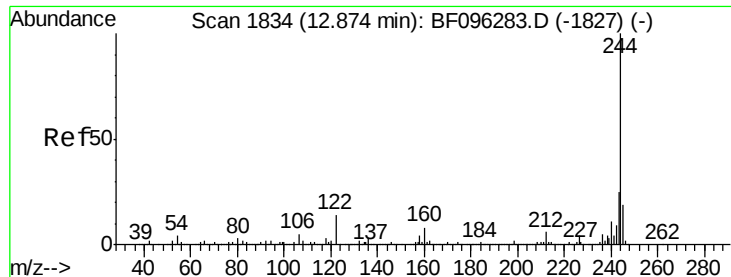
Tgt Ion:178 Resp: 11489
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.4
179 17.0 12.6 19.0



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF096330.D
Acq: 30 Jun 2017 11:55

Tgt Ion:240 Resp: 314288
Ion Ratio Lower Upper
240 100
120 15.8 5.8 8.8#
236 24.2 20.5 30.7





#78

Terphenyl-d14

Concen: 5.035 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BF096330.D

Acq: 30 Jun 2017 11:55

Instrument :

BNA_F

ClientSampleId :

G42-0-1.5

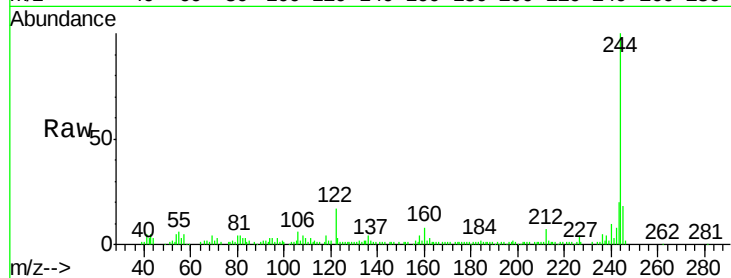
Tgt Ion:244 Resp: 63417

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

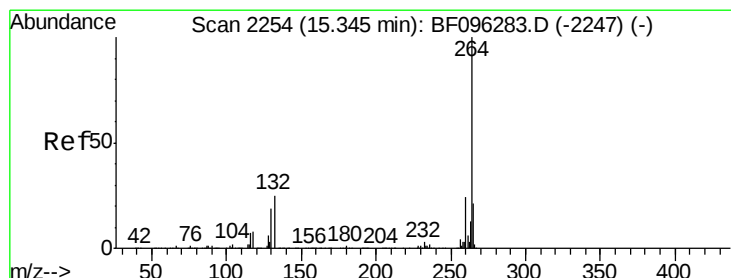
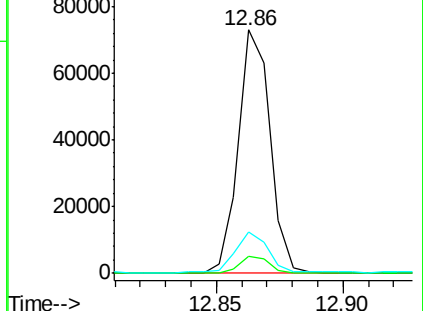
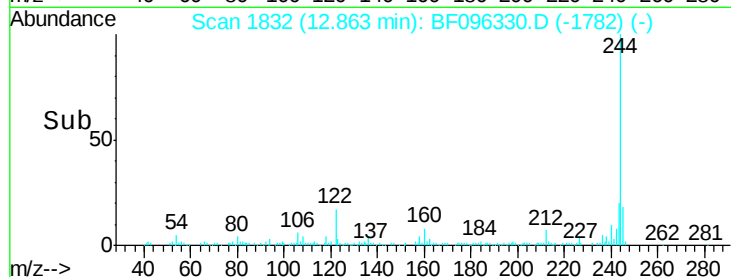
122 17.0 10.3 15.5#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.34 min Scan# 2254

Delta R.T. 0.01 min

Lab File: BF096330.D

Acq: 30 Jun 2017 11:55

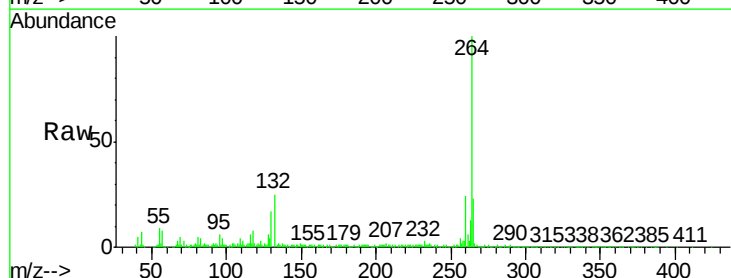
Tgt Ion:264 Resp: 279747

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.7 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

