

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096314.D
 Acq On : 30 Jun 2017 1:38
 Operator : SJ/MA
 Sample : I3882-13 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 30 03:55:53 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

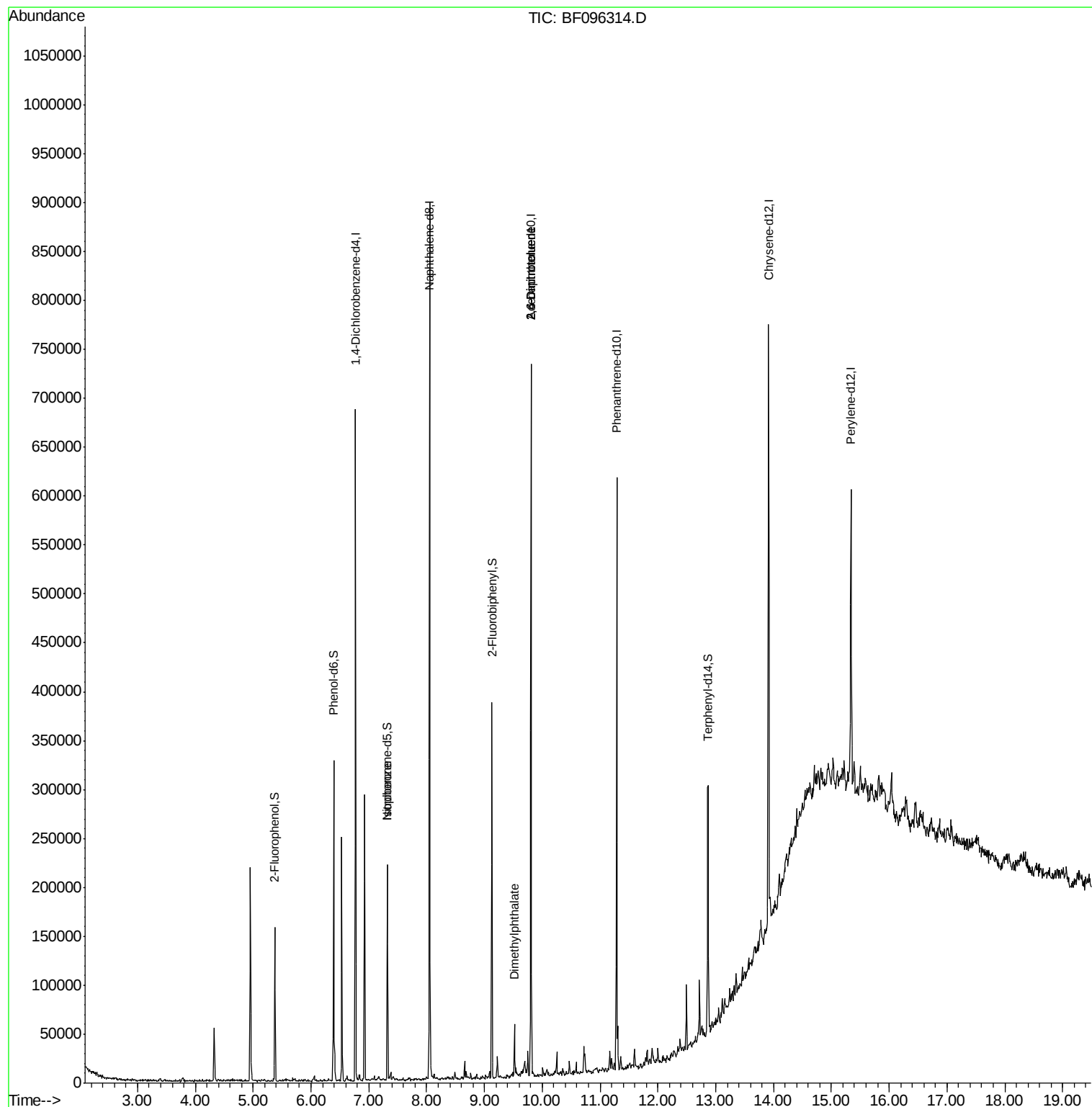
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	96136	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	364521	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	129778	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	192503	20.00	ng	0.00
75) Chrysene-d12	13.92	240	185784	20.00	ng	0.00
86) Perylene-d12	15.34	264	127370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	38862	5.82	ng	0.00
7) Phenol-d6	6.39	99	93988	11.63	ng	0.00
23) Nitrobenzene-d5	7.32	82	53377	10.14	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	667	0.65	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	101688	14.35	ng	-0.02
78) Terphenyl-d14	12.87	244	72215	9.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	121	Below Cal	#	46
25) Isophorone	7.32	82	53375	4.46	ng	# 67
49) Dimethylphthalate	9.52	163	18622	2.01	ng	100
50) 2,6-Dinitrotoluene	9.80	165	16345	8.46	ng	# 31
56) 2,4-Dinitrotoluene	9.80	165	16345	6.71	ng	# 31
57) Fluorene	10.35	166	1193	Below Cal	#	77
70) Phenanthrene	11.31	178	15077	Below Cal		97

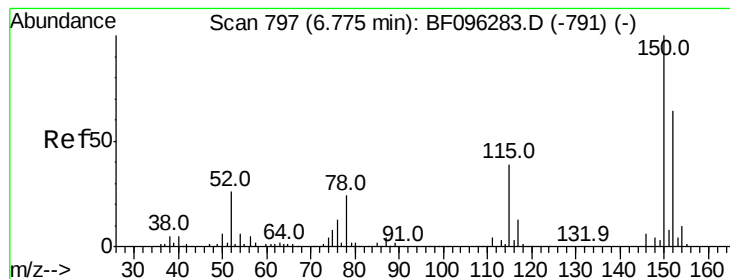
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF096314.D

Acq: 30 Jun 2017 1:38

Instrument :

BNA_F

ClientSampled :

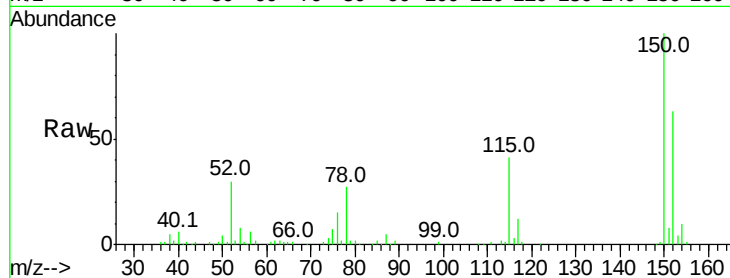
Tot Ion:152 Resp: 96136

Ion Ratio Lower Upper

152 100

150 159.1 126.2 189.2

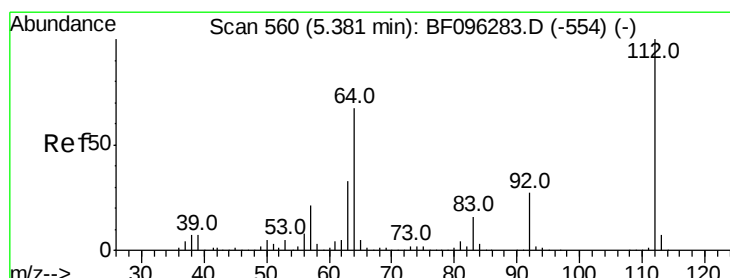
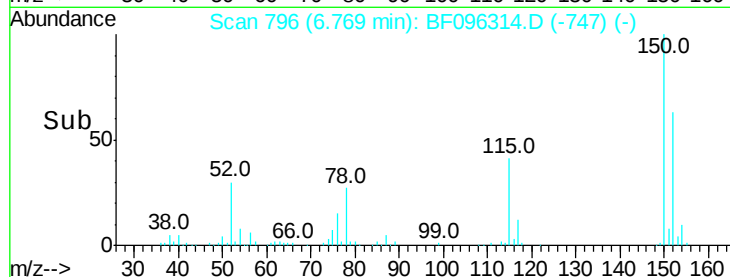
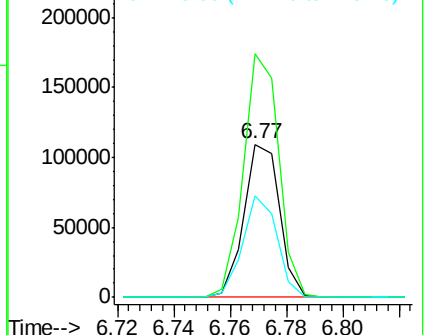
115 65.9 52.2 78.2



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: 5.82 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF096314.D

Acq: 30 Jun 2017 1:38

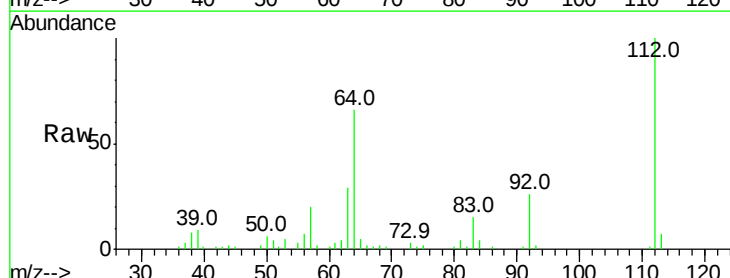
Tgt Ion:112 Resp: 38862

Ion Ratio Lower Upper

112 100

64 65.7 46.0 69.0

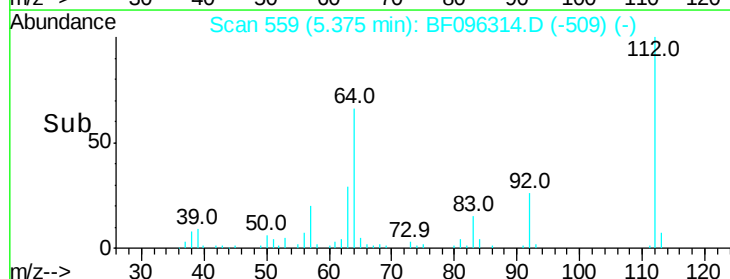
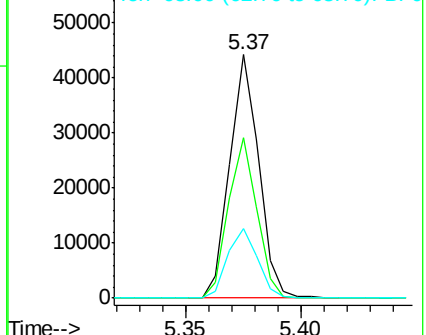
63 28.7 23.4 35.0

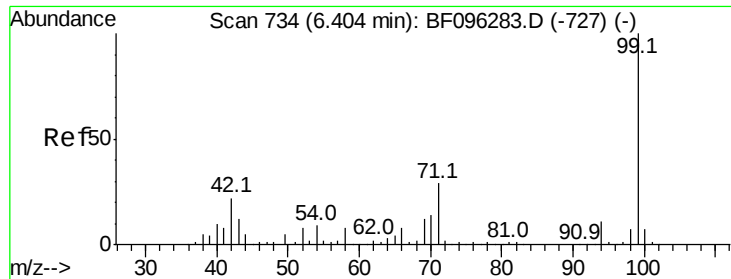


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.63 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096314.D

Acq: 30 Jun 2017 1:38

Instrument :

BNA_F

ClientSampleId :

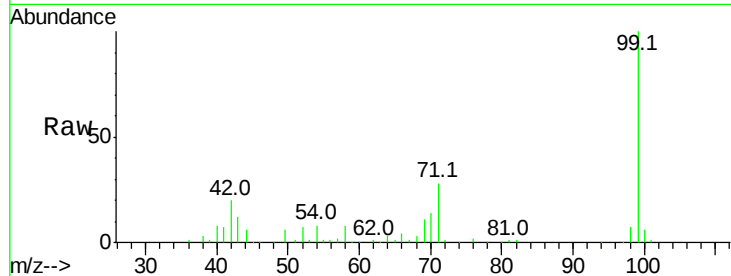
Tot Ion: 99 Resp: 93988

Ion Ratio Lower Upper

99 100

42 19.8 13.5 20.3

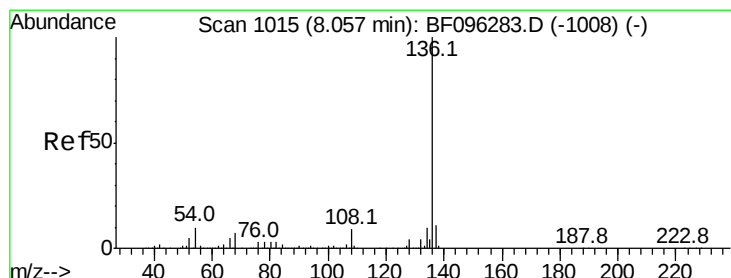
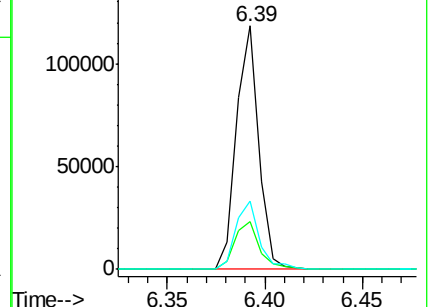
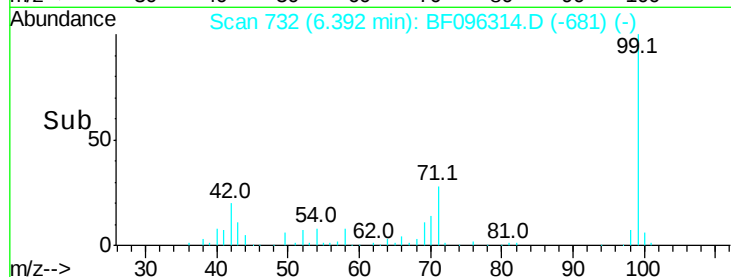
71 27.9 24.5 36.7



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: 20.00 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF096314.D

Acq: 30 Jun 2017 1:38

Tgt Ion: 136 Resp: 364521

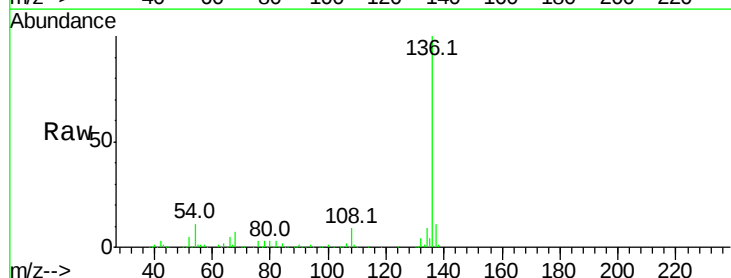
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.1 4.9 7.3#

68 7.1 4.1 6.1#

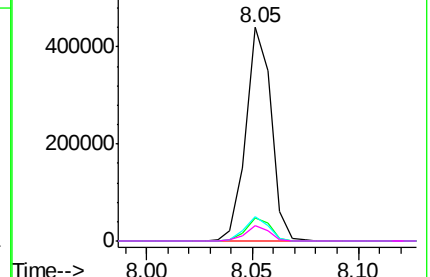
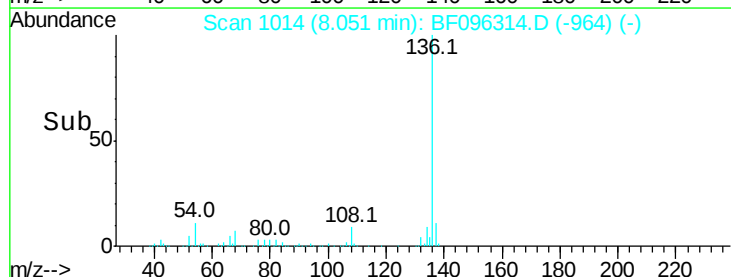


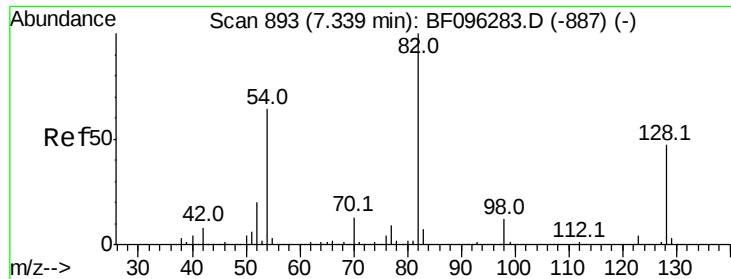
Abundance Ion 136.00 (135.70 to 136.70): E

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

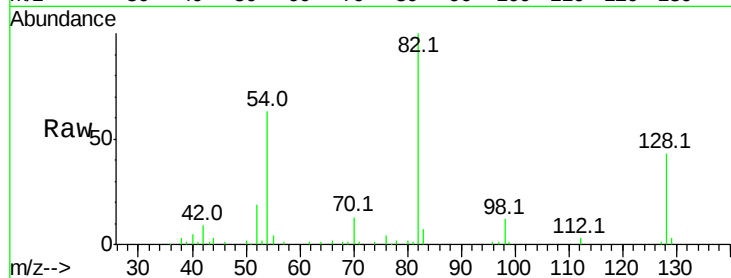




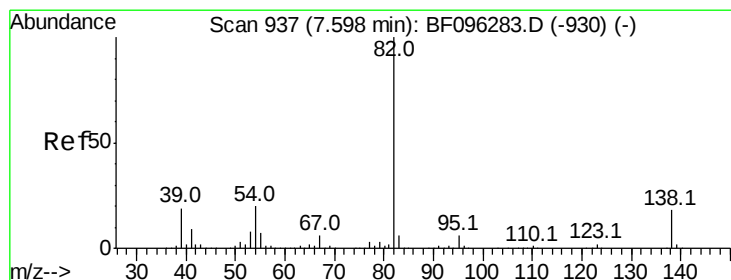
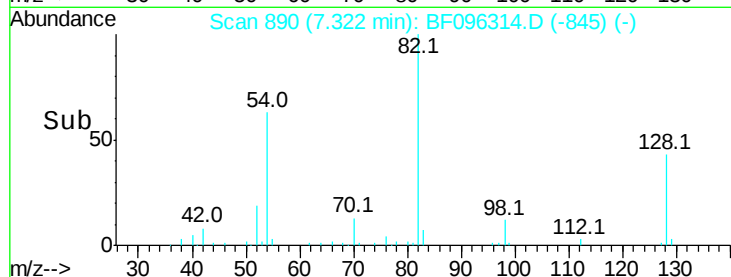
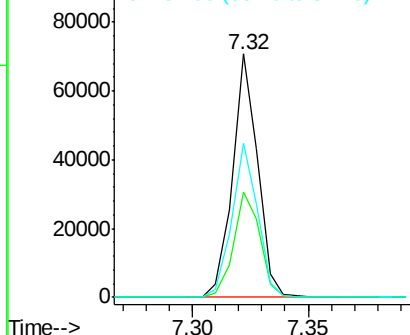
#23
Nitrobenzene-d5
Concen: 10.14 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096314.D
Acq: 30 Jun 2017 1:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	63.2	42.2	63.2

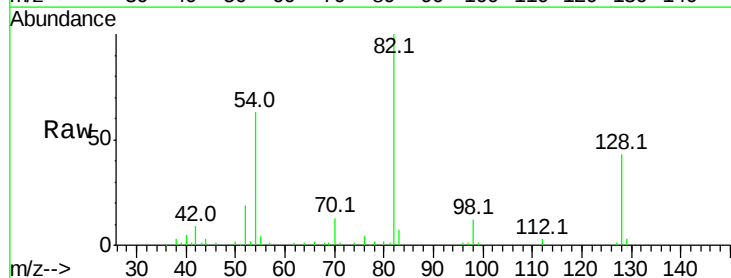


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

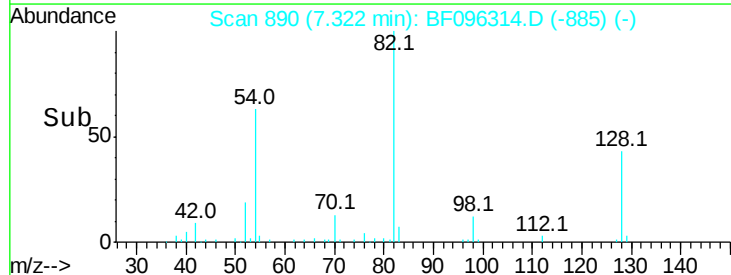
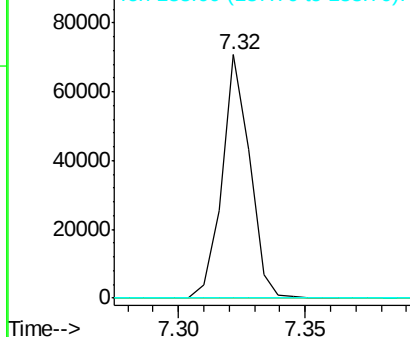


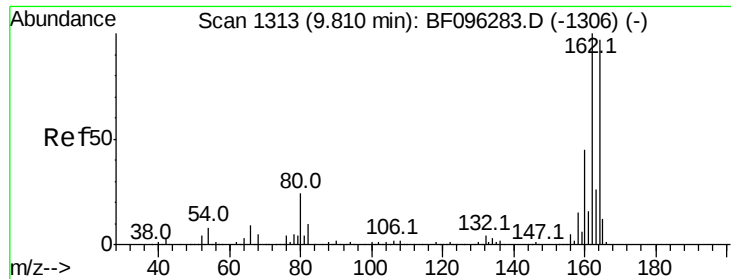
#25
Isophorone
Concen: 4.46 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.27 min
Lab File: BF096314.D
Acq: 30 Jun 2017 1:38

Tgt 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

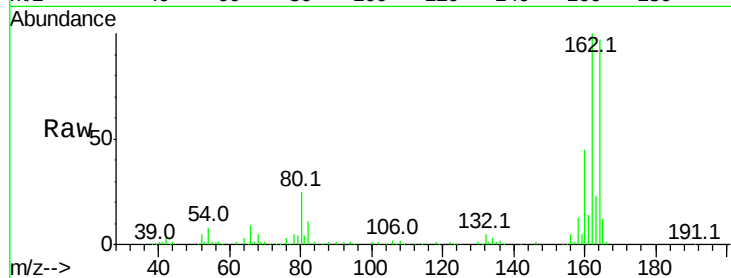




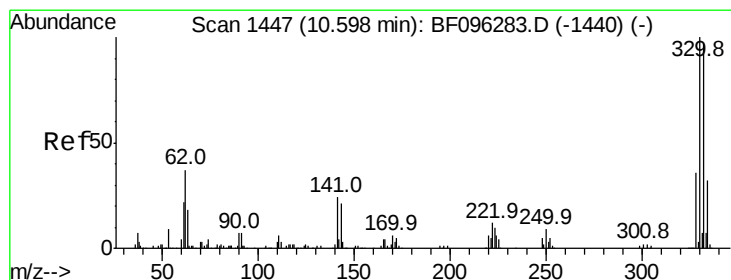
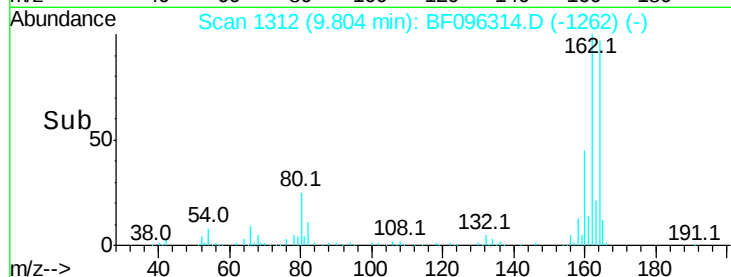
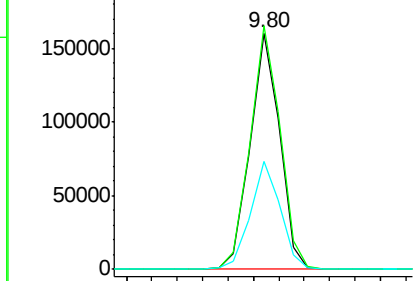
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF096314.D
 Acq: 30 Jun 2017 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 129778
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 45.9 36.2 54.2

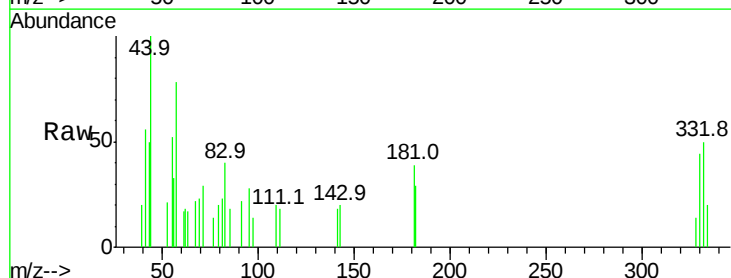


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

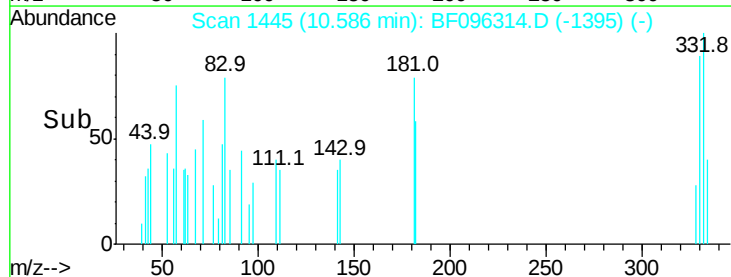
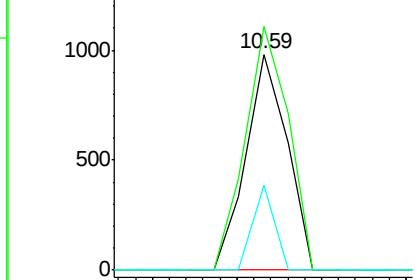


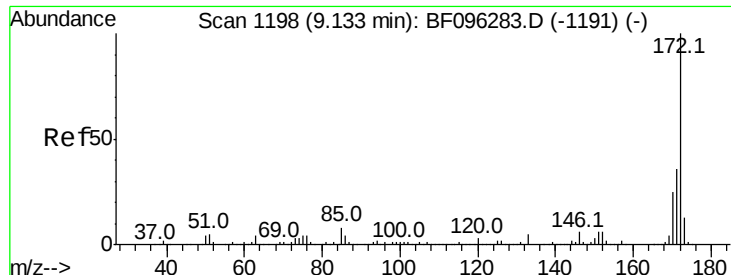
#41
 2,4,6-Tribromophenol
 Concen: 0.65 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096314.D
 Acq: 30 Jun 2017 1:38

Tgt Ion:330 Resp: 667
 Ion Ratio Lower Upper
 330 100
 332 118.3 76.6 115.0#
 141 20.5 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

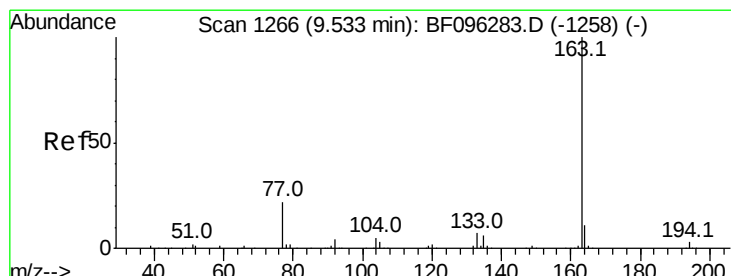
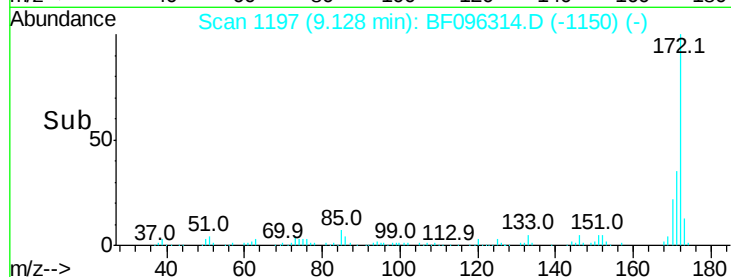
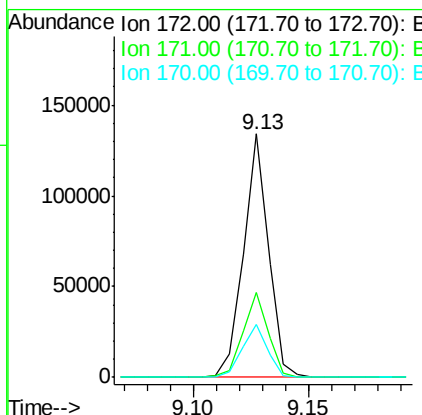
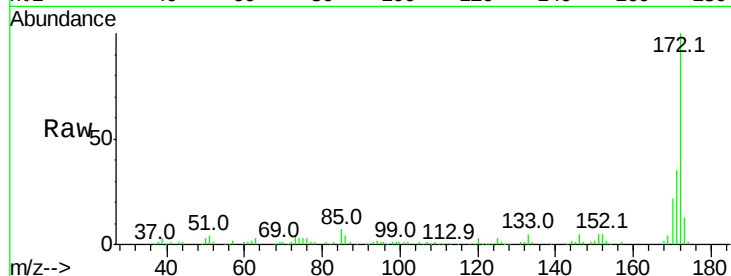




#44
 2-Fluorobiphenyl
 Concen: 14.35 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096314.D
 Acq: 30 Jun 2017 1:38

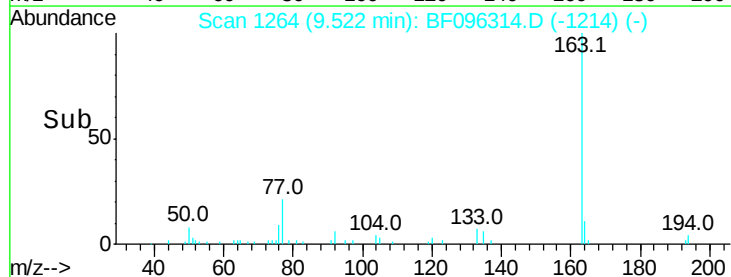
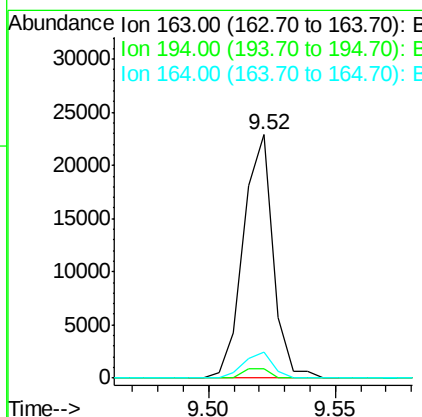
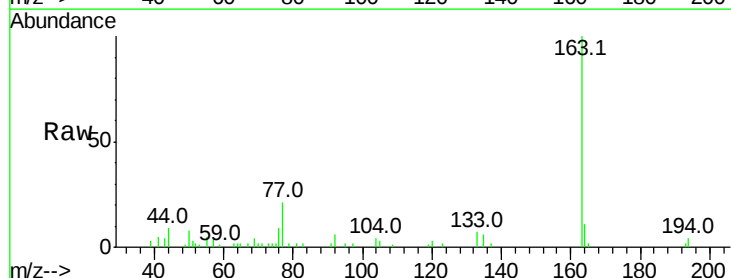
Instrument :
 BNA_F
 ClientSampleId :

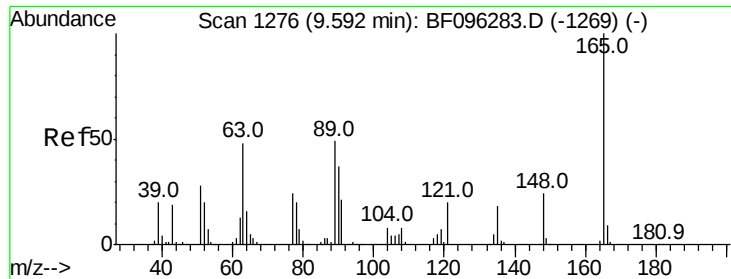
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	21.6	19.8	29.8



#49
 Dimethylphthalate
 Concen: 2.01 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF096314.D
 Acq: 30 Jun 2017 1:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.6	8.4	12.6

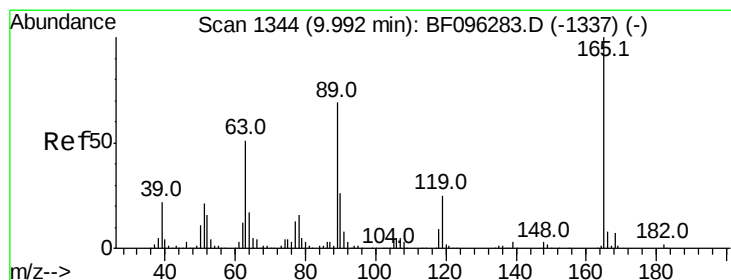
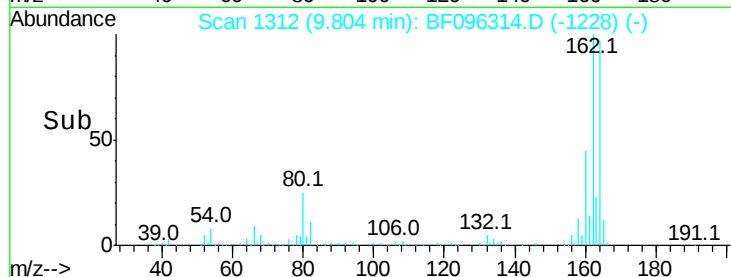
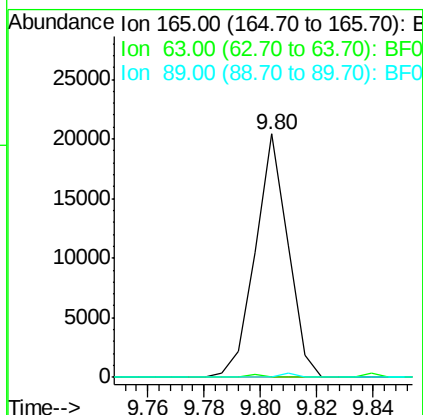
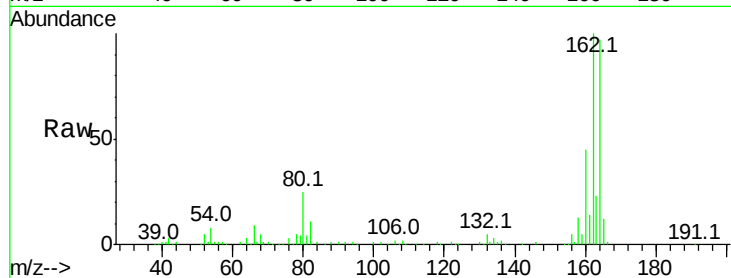




#50
 2,6-Dinitrotoluene
 Concen: 8.46 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF096314.D
 Acq: 30 Jun 2017 1:38

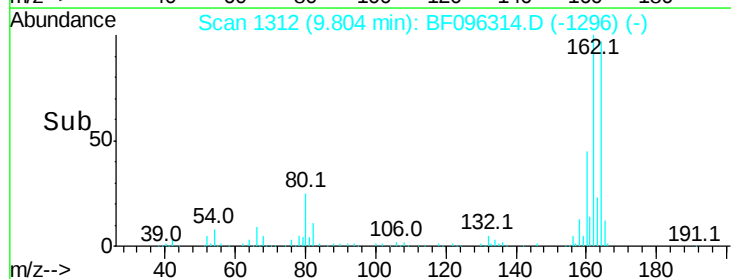
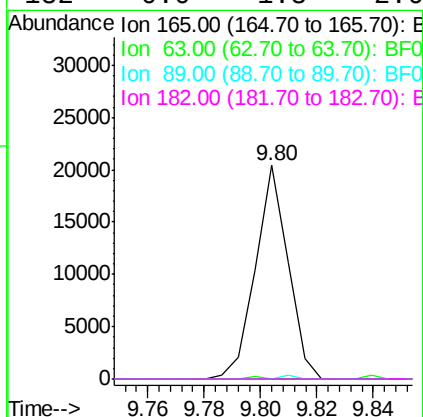
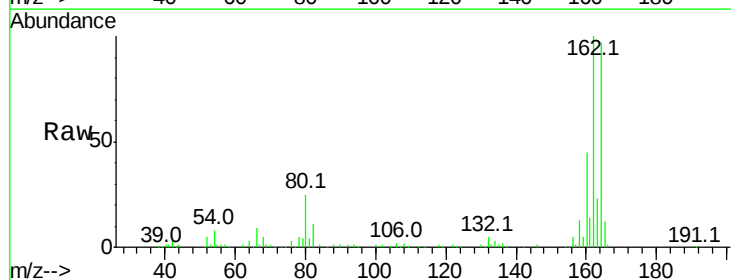
Instrument :
 BNA_F
 ClientSampleId :

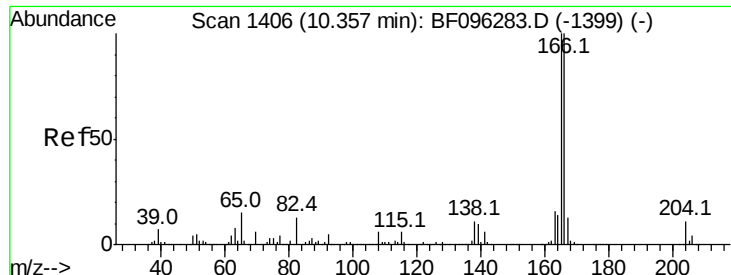
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.71 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.21 min
 Lab File: BF096314.D
 Acq: 30 Jun 2017 1:38

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

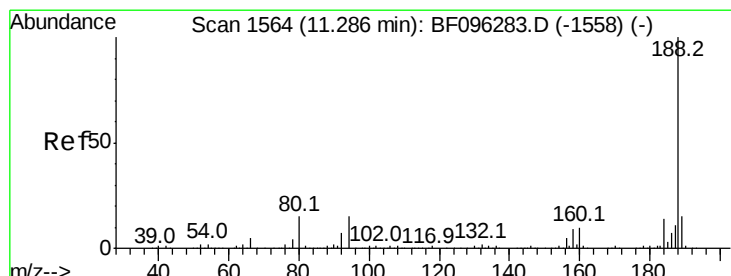
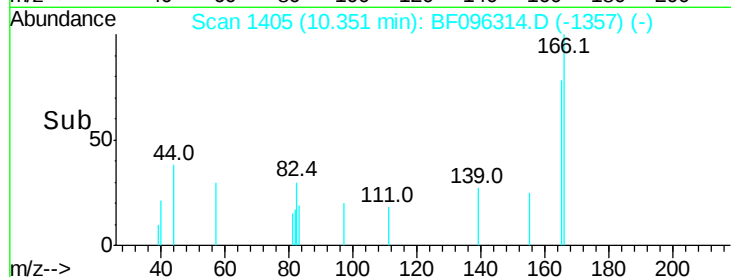
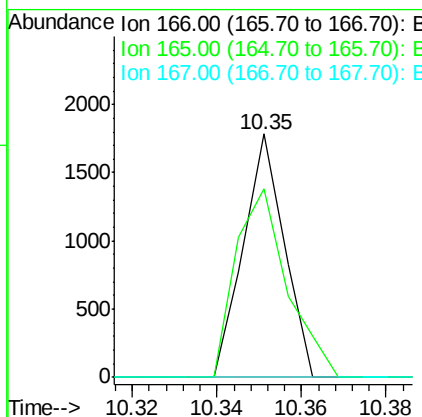
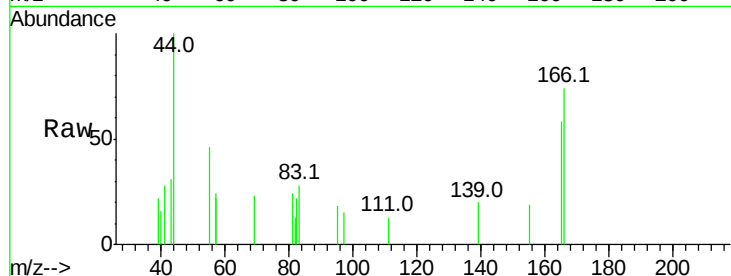




#57
Fluorene
 Concen: Below Cal
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF096314.D
 Acq: 30 Jun 2017 1:38

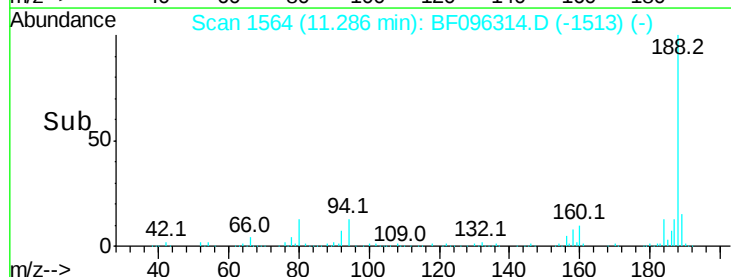
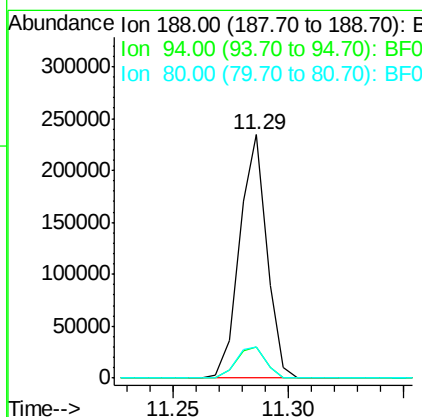
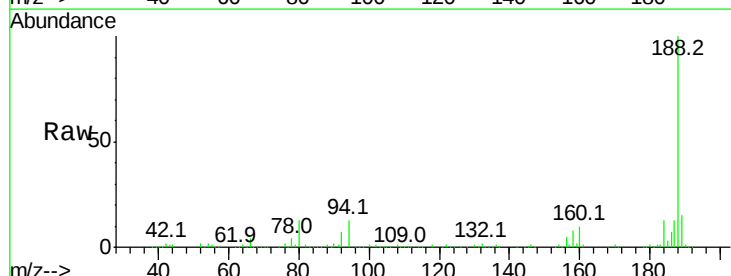
Instrument :
 BNA_F
 ClientSampled :

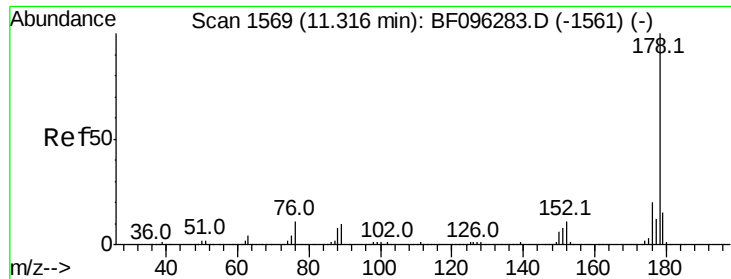
Tot Ion:166 Resp: 1193
 Ion Ratio Lower Upper
 166 100
 165 77.5 78.8 118.2#
 167 0.0 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BF096314.D
 Acq: 30 Jun 2017 1:38

Tgt Ion:188 Resp: 192503
 Ion Ratio Lower Upper
 188 100
 94 12.9 9.4 14.2
 80 12.7 10.2 15.2

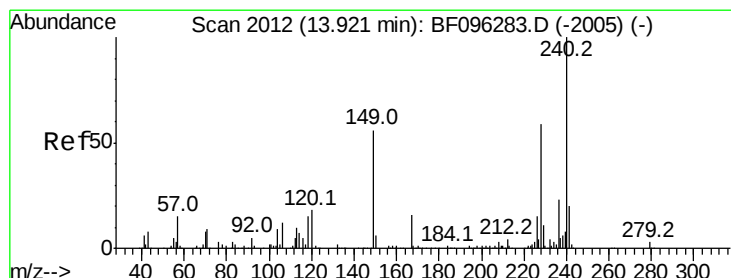
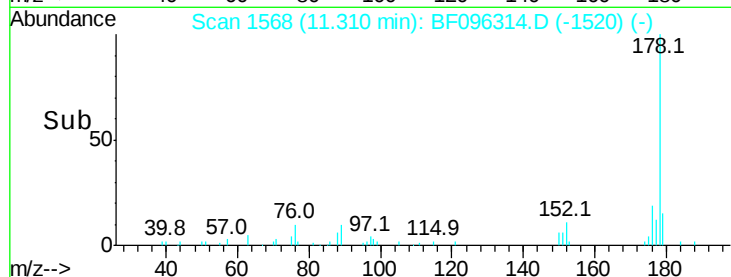
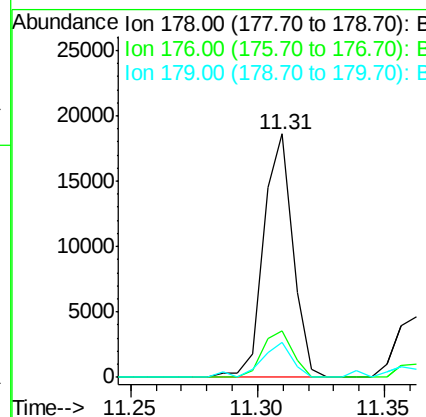
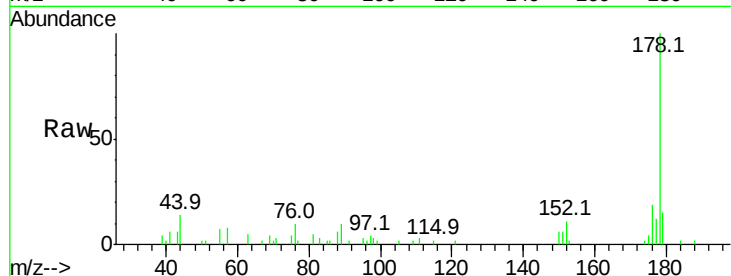




#70
Phenanthrene
Concen: Below Cal
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF096314.D
Acq: 30 Jun 2017 1:38

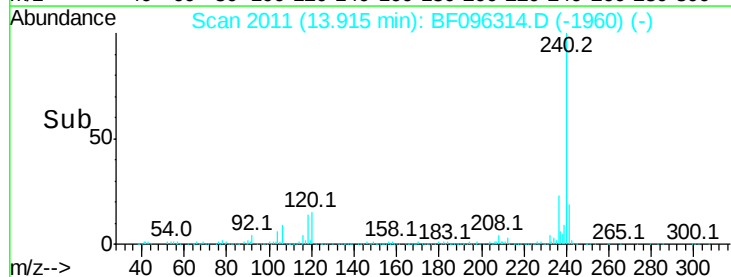
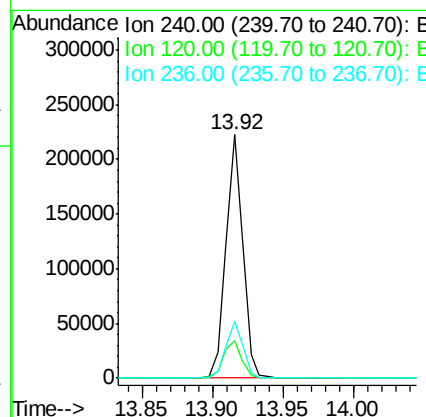
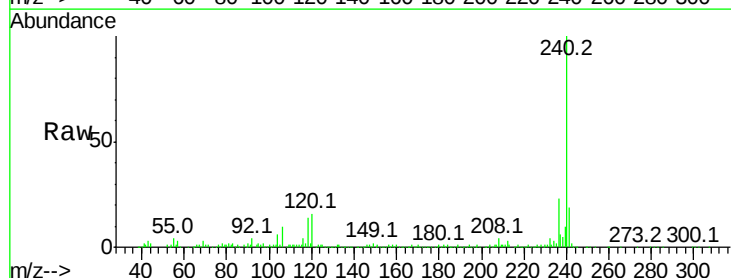
Instrument :
BNA_F
ClientSampled :

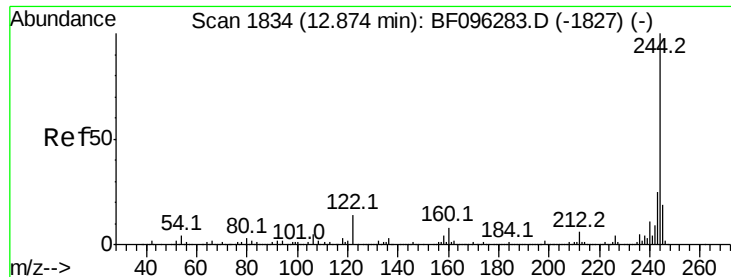
Tot Ion:178 Resp: 15077
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.4
179 14.5 12.6 19.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF096314.D
Acq: 30 Jun 2017 1:38

Tgt Ion:240 Resp: 185784
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 23.2 20.5 30.7





#78

Terphenyl-d14

Concen: 9.70 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096314.D

Acq: 30 Jun 2017 1:38

Instrument :

BNA_F

ClientSampleId :

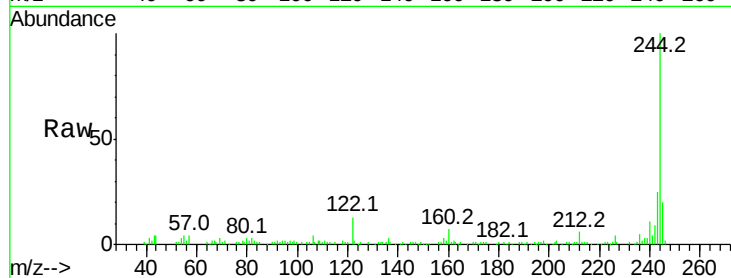
Tot Ion:244 Resp: 72215

Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

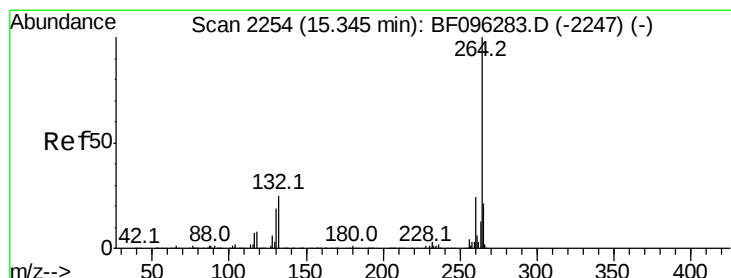
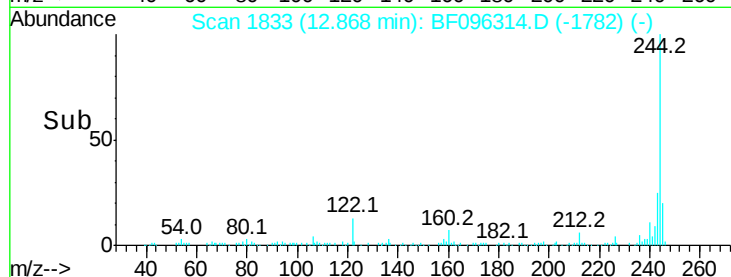
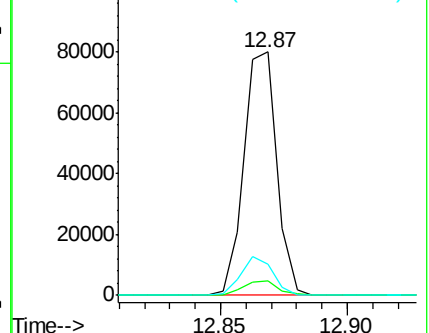
122 12.7 10.3 15.5



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: 20.00 ng

RT: 15.34 min Scan# 2254

Delta R.T. 0.01 min

Lab File: BF096314.D

Acq: 30 Jun 2017 1:38

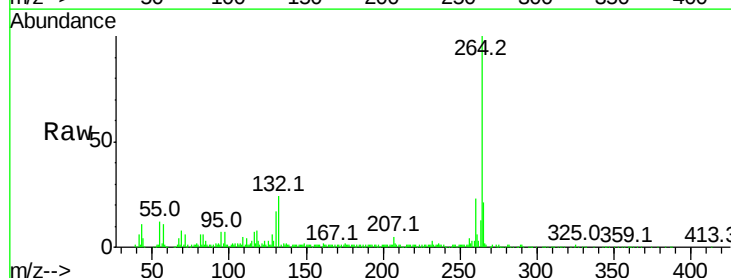
Tgt Ion:264 Resp: 127370

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 21.3 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

