

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
 Data File : BF096337.D
 Acq On : 30 Jun 2017 15:11
 Operator : SJ/MA
 Sample : I3883-13 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G40-0-1.5

Quant Time: Jun 30 17:43:34 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

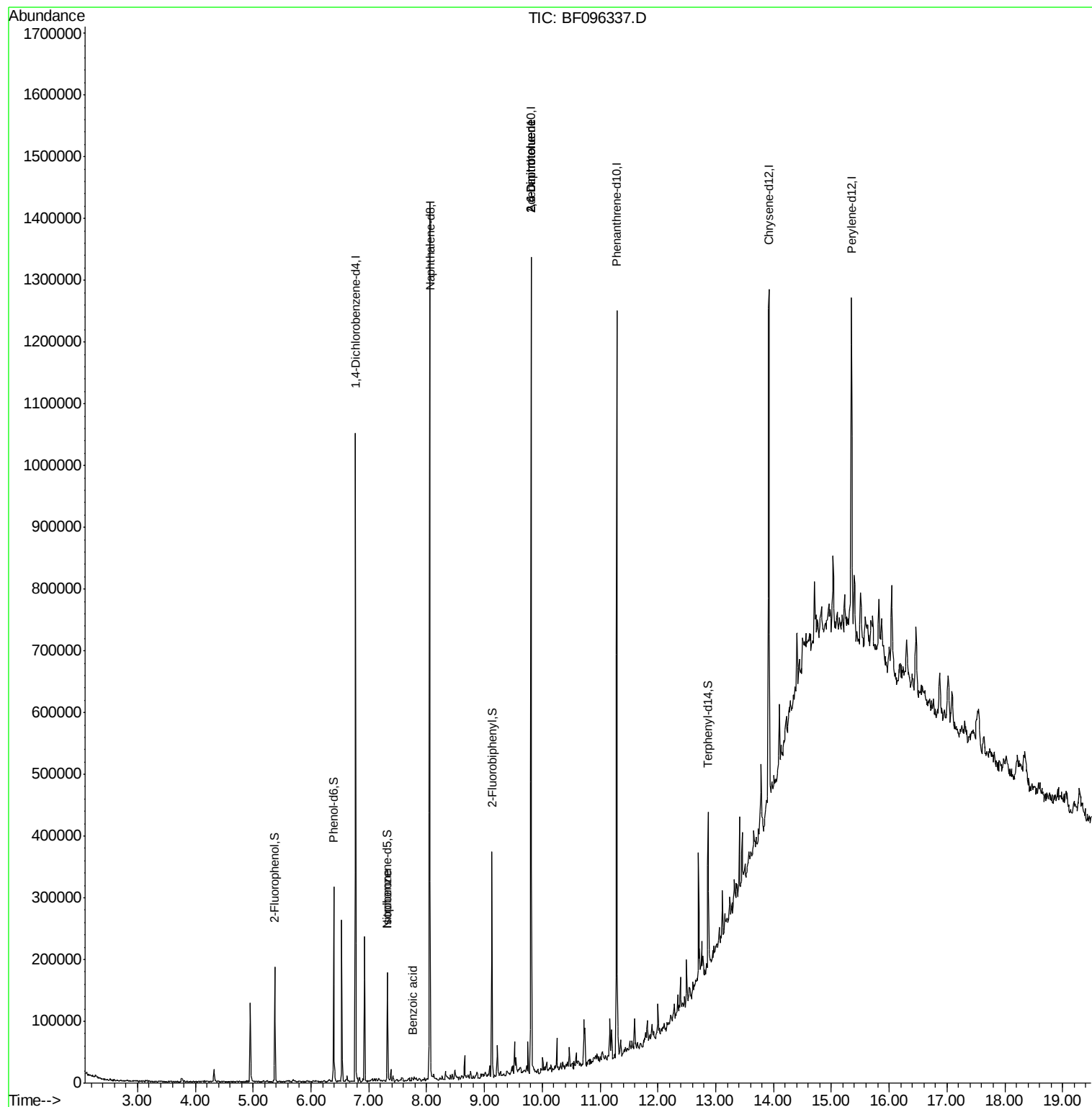
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	152451	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	629078	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	259152	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	395022	20.00	ng	0.00
75) Chrysene-d12	13.92	240	293670	20.00	ng	0.00
86) Perylene-d12	15.35	264	248133	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	45982	4.35	ng	0.00
7) Phenol-d6	6.39	99	85594	6.68	ng	0.00
23) Nitrobenzene-d5	7.32	82	45505	5.01	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	1644	0.81	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	93774	6.63	ng	-0.02
78) Terphenyl-d14	12.87	244	65669	5.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.32	77	396	Below Cal	Qvalue #	80
25) Isophorone	7.32	82	45394	2.200 ng	#	67
32) Benzoic acid	7.77	122	116	8.800 ng	#	1
50) 2,6-Dinitrotoluene	9.80	165	32667	8.468 ng	#	34
56) 2,4-Dinitrotoluene	9.80	165	32667	6.718 ng	#	33
57) Fluorene	10.35	166	1414	Below Cal	#	81
70) Phenanthrene	11.31	178	17661	Below Cal		99

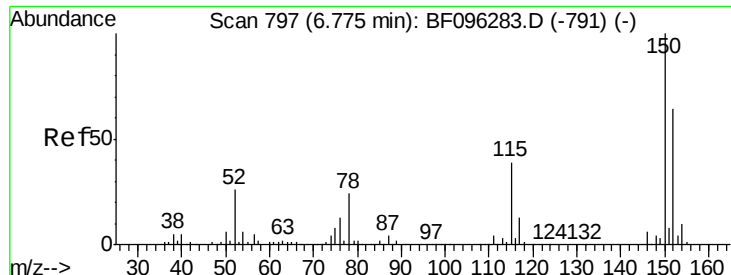
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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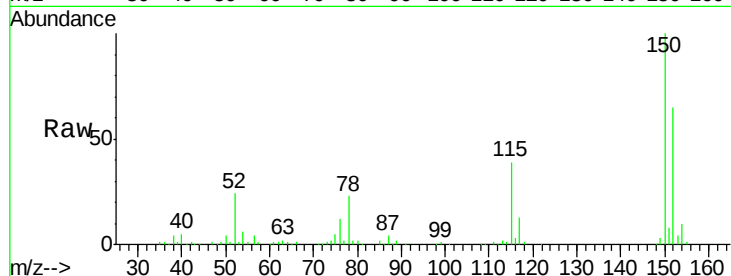




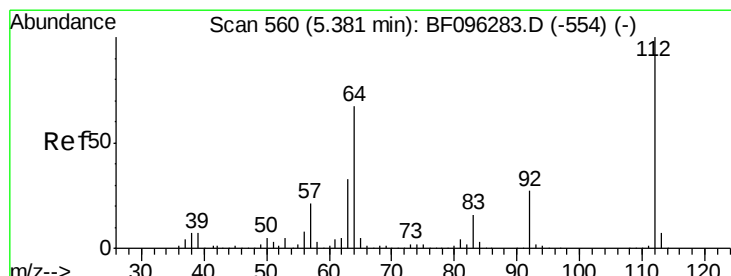
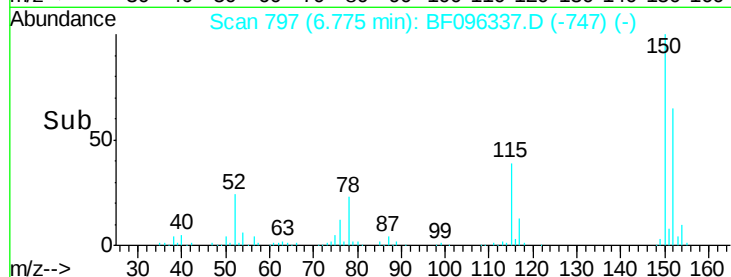
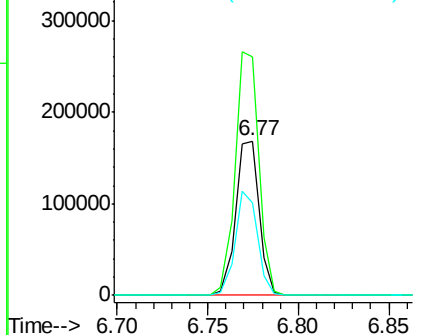
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF096337.D
 Acq: 30 Jun 2017 15:11

Instrument :
 BNA_F
 ClientSampleId :
 G40-0-1.5

Tgt Ion:152 Resp: 152451
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.2 189.2
 115 59.7 52.2 78.2

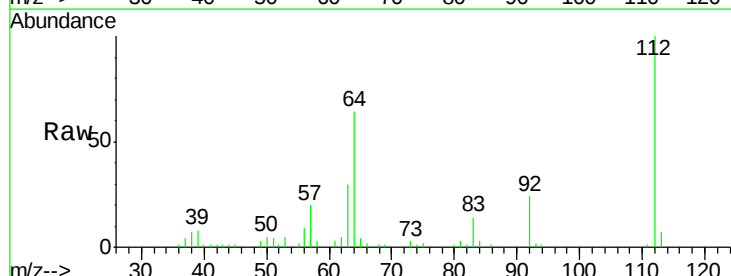


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

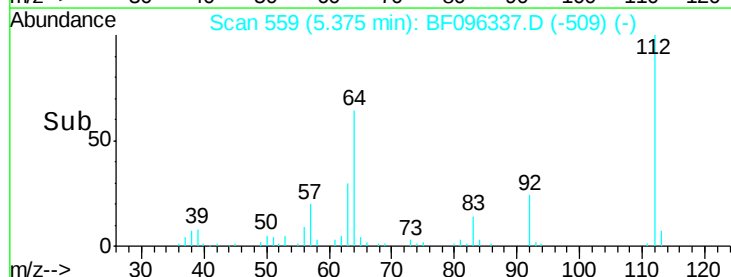
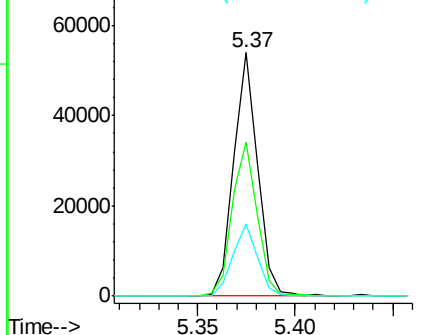


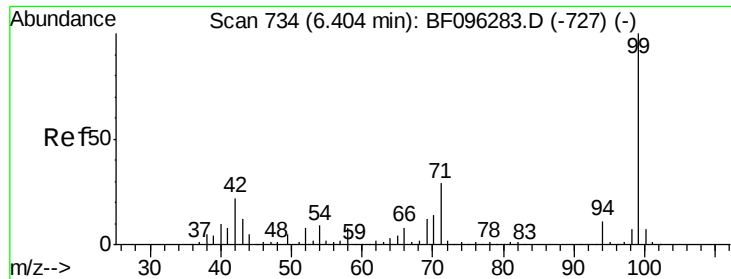
#5
 2-Fluorophenol
 Concen: 4.345 ng
 RT: 5.37 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF096337.D
 Acq: 30 Jun 2017 15:11

Tgt Ion:112 Resp: 45982
 Ion Ratio Lower Upper
 112 100
 64 63.5 46.0 69.0
 63 29.7 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: 6.680 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096337.D

Acq: 30 Jun 2017 15:11

Instrument :

BNA_F

ClientSampleId :

G40-0-1.5

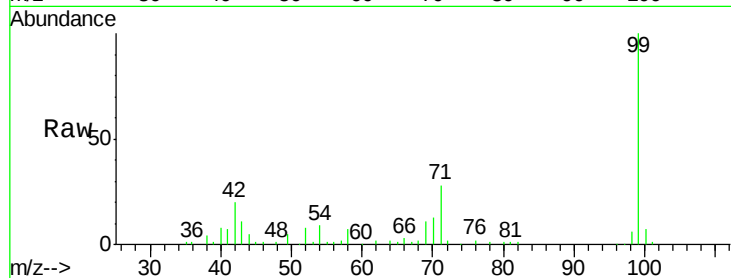
Tgt Ion: 99 Resp: 85594

Ion Ratio Lower Upper

99 100

42 19.9 13.5 20.3

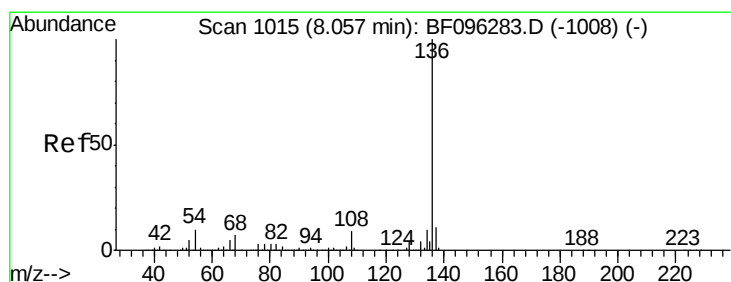
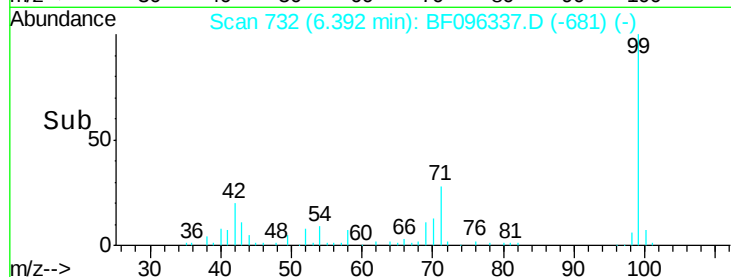
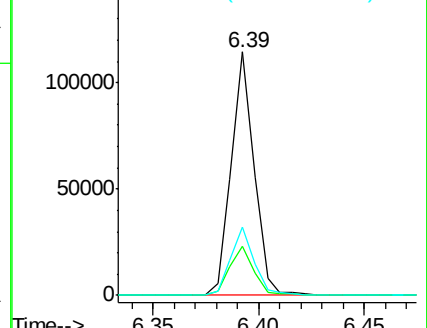
71 27.8 24.5 36.7



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: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF096337.D

Acq: 30 Jun 2017 15:11

Tgt Ion: 136 Resp: 629078

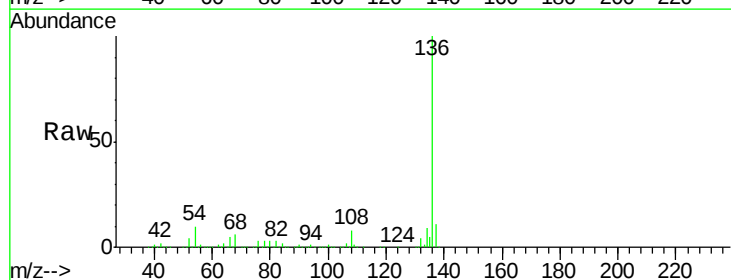
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.8 4.9 7.3#

68 5.9 4.1 6.1

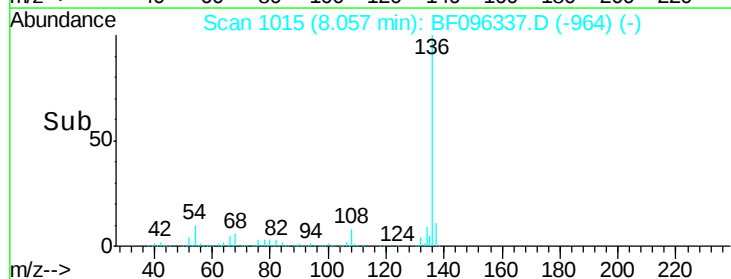
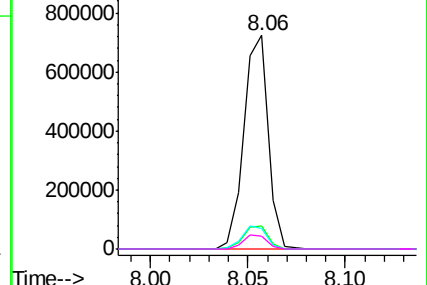


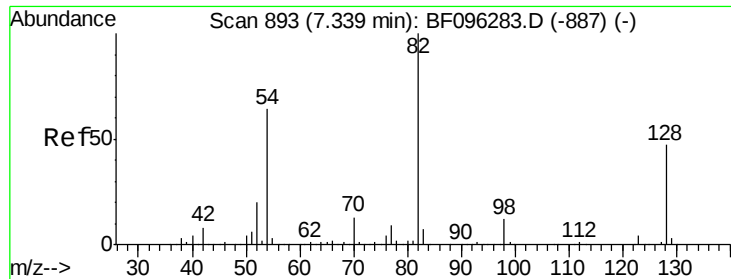
Abundance Ion 136.00 (135.70 to 136.70): E

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

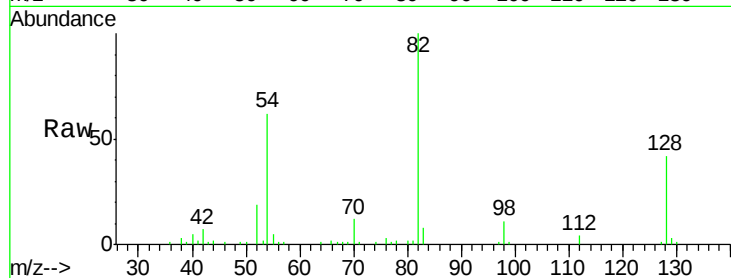




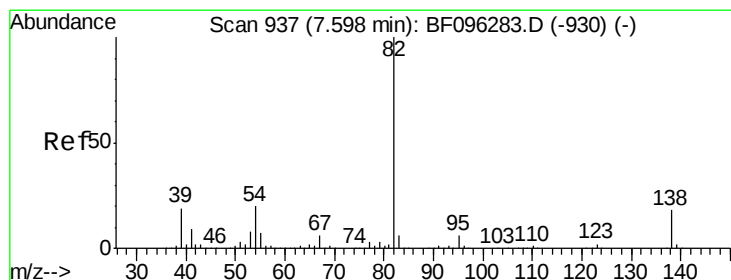
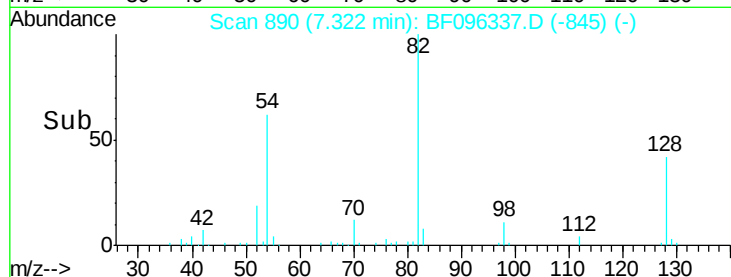
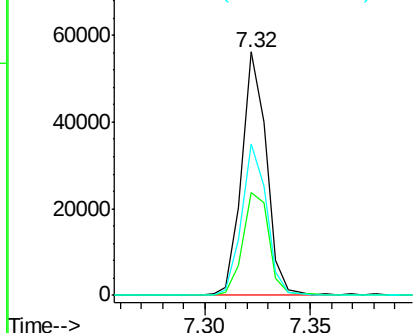
#23
 Nitrobenzene-d5
 Concen: 5.007 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.04 min
 Lab File: BF096337.D
 Acq: 30 Jun 2017 15:11

Instrument :
 BNA_F
 ClientSampleId :
 G40-0-1.5

Tgt Ion: 82 Resp: 45505
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.0 51.0
 54 62.3 42.2 63.2

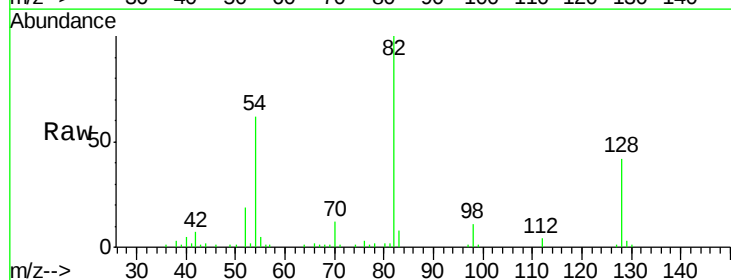


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

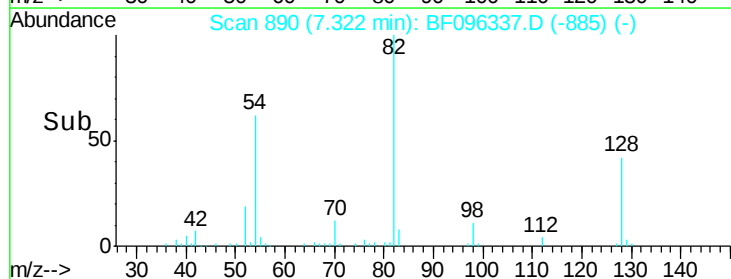
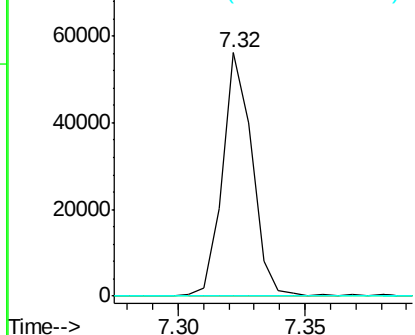


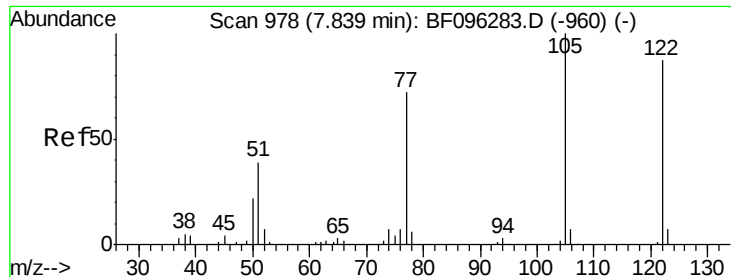
#25
 Isophorone
 Concen: 2.200 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.27 min
 Lab File: BF096337.D
 Acq: 30 Jun 2017 15:11

Tgt Ion: 82 Resp: 45394
 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# 966

Delta R.T. -0.12 min

Lab File: BF096337.D

Acq: 30 Jun 2017 15:11

Instrument :

BNA_F

ClientSampleId :

G40-0-1.5

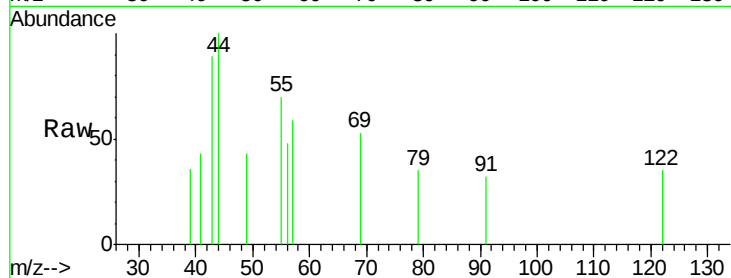
Tgt Ion:122 Resp: 116

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

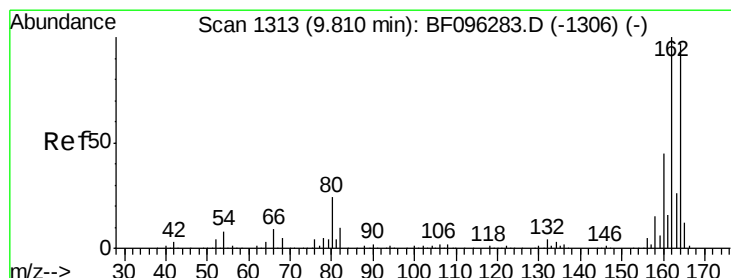
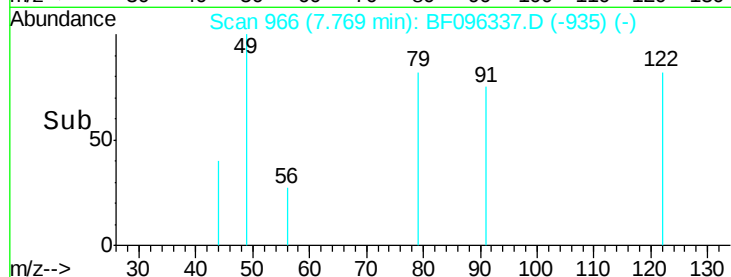
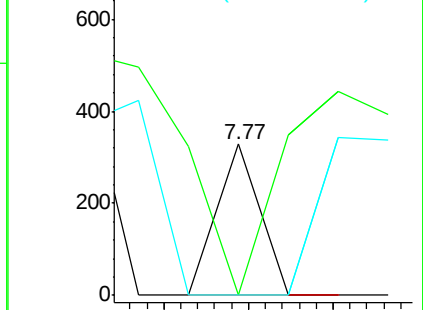
77 0.0 73.7 113.7#



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: BF096337.D

Acq: 30 Jun 2017 15:11

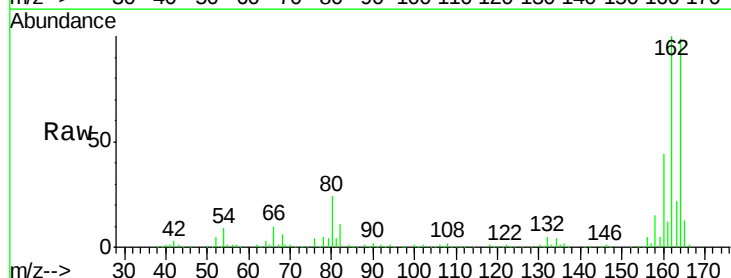
Tgt Ion:164 Resp: 259152

Ion Ratio Lower Upper

164 100

162 100.6 82.6 123.8

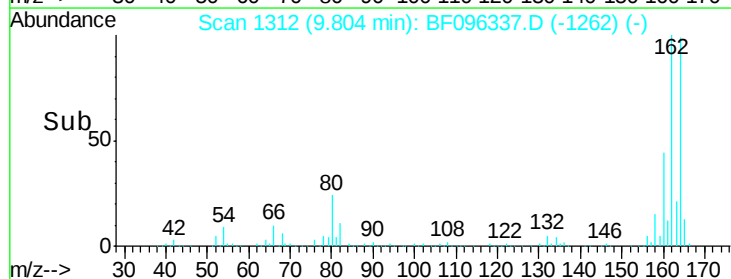
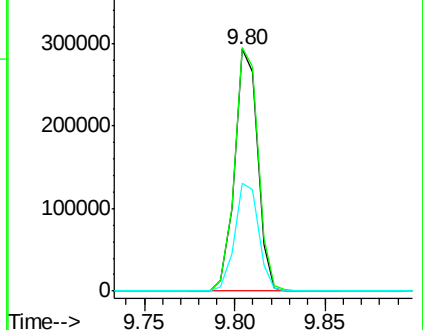
160 44.8 36.2 54.2

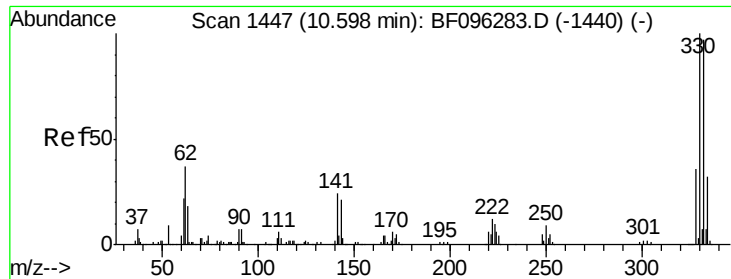


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

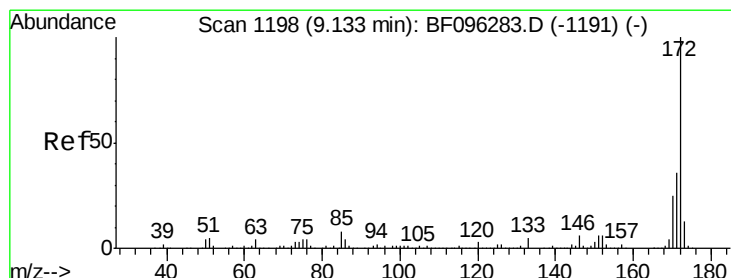
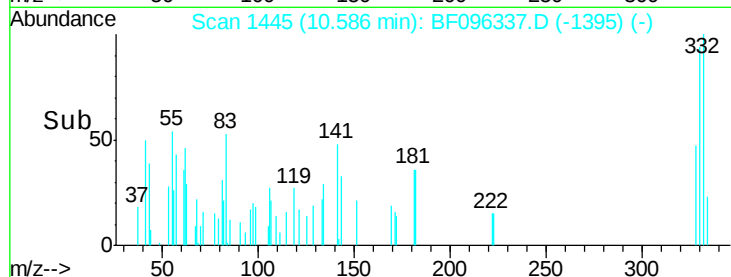
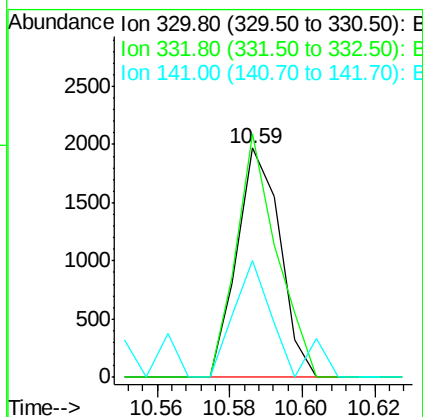
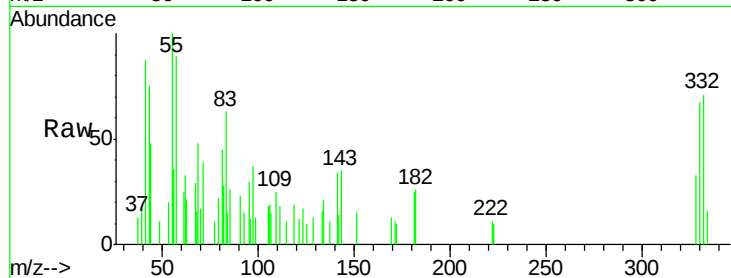




#41
 2,4,6-Tribromophenol
 Concen: 0.806 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096337.D
 Acq: 30 Jun 2017 15:11

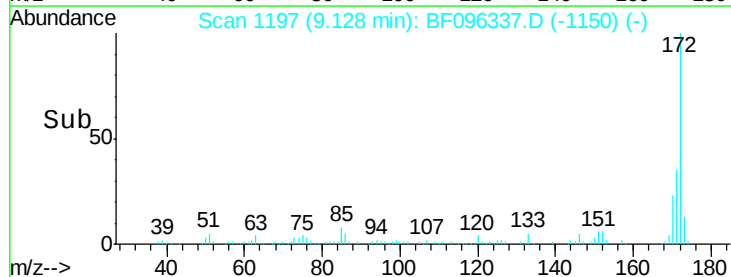
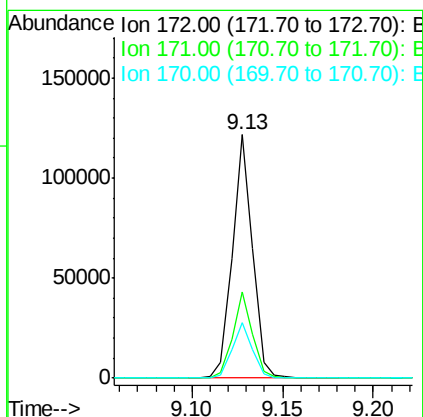
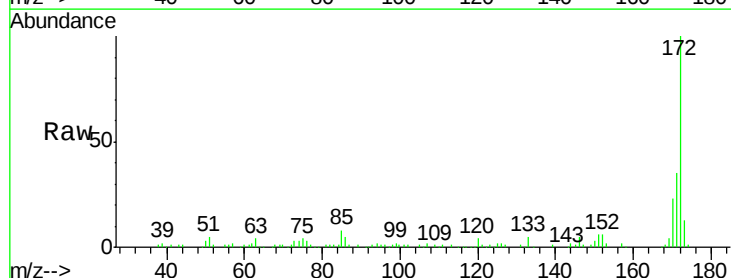
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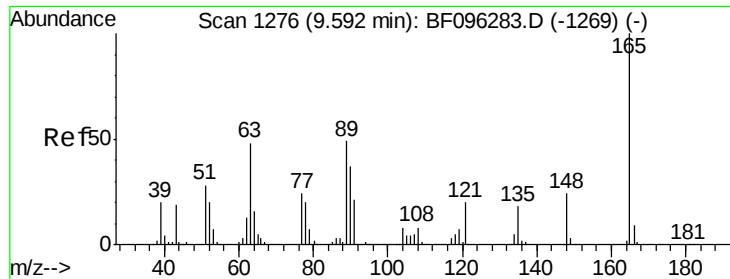
Tgt Ion:330 Resp: 1644
 Ion Ratio Lower Upper
 330 100
 332 99.6 76.6 115.0
 141 50.2 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 6.627 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096337.D
 Acq: 30 Jun 2017 15:11

Tgt Ion:172 Resp: 93774
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 22.7 19.8 29.8

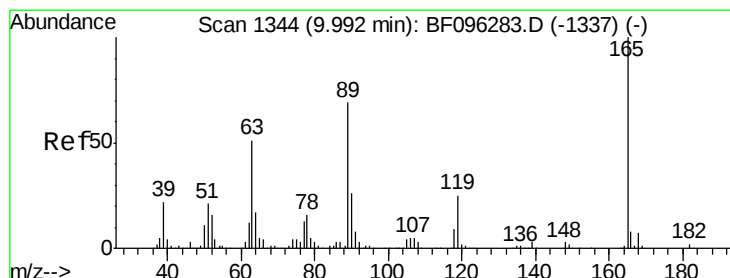
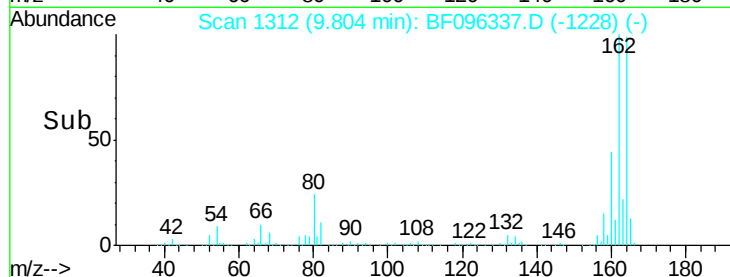
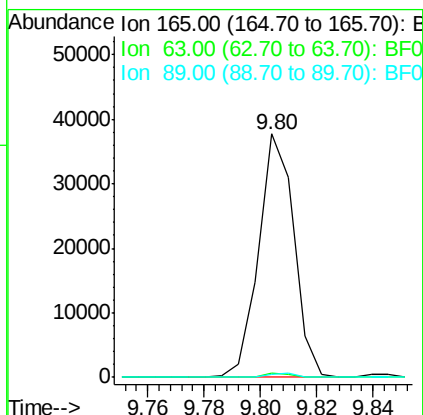
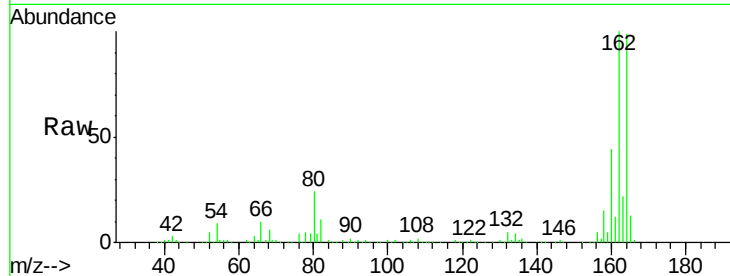




#50
 2,6-Dinitrotoluene
 Concen: 8.468 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF096337.D
 Acq: 30 Jun 2017 15:11

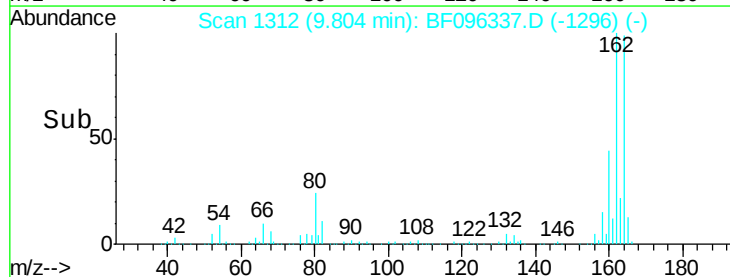
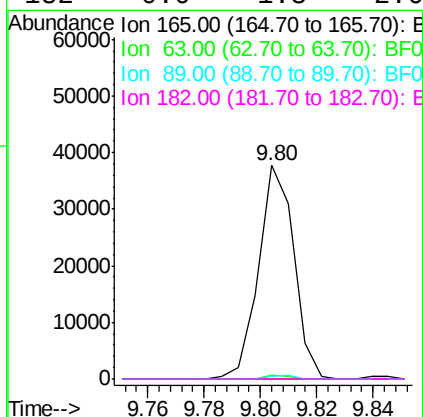
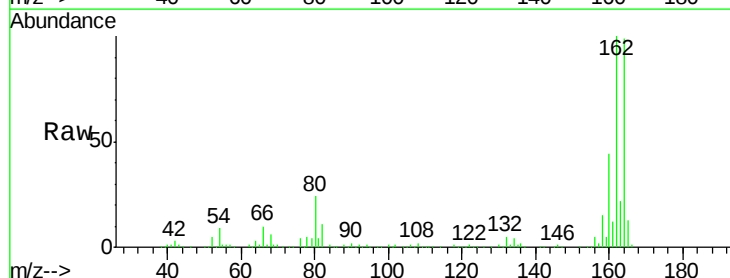
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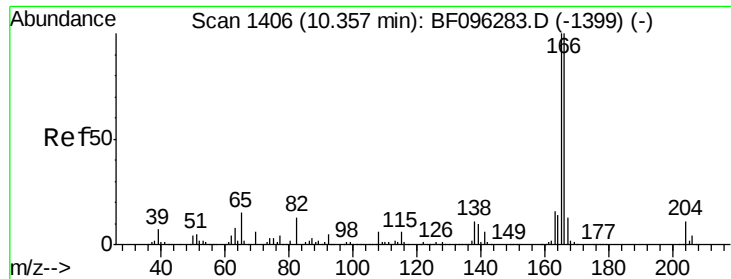
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.2	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.718 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.21 min
 Lab File: BF096337.D
 Acq: 30 Jun 2017 15:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#

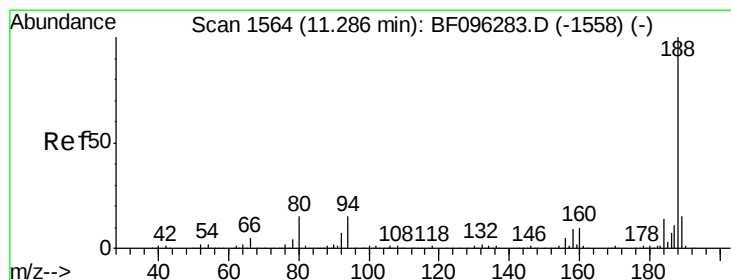
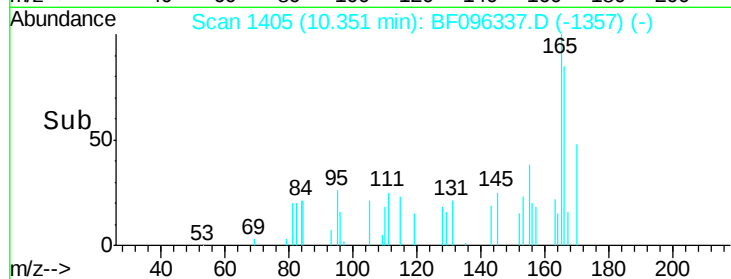
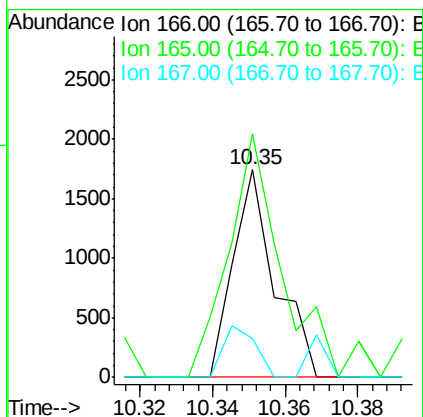
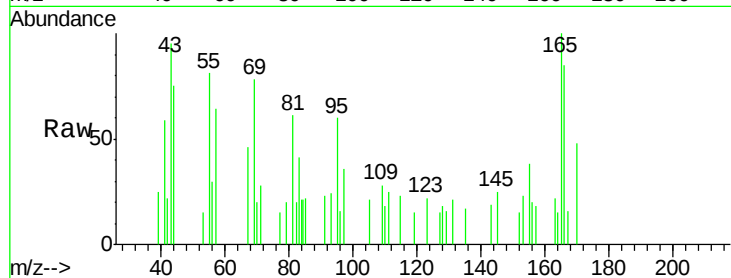




#57
 Fluorene
 Concen: Below Cal
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF096337.D
 Acq: 30 Jun 2017 15:11

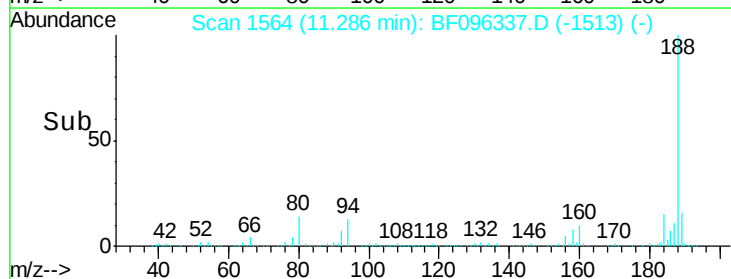
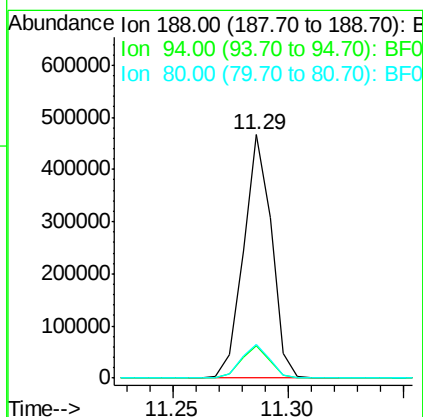
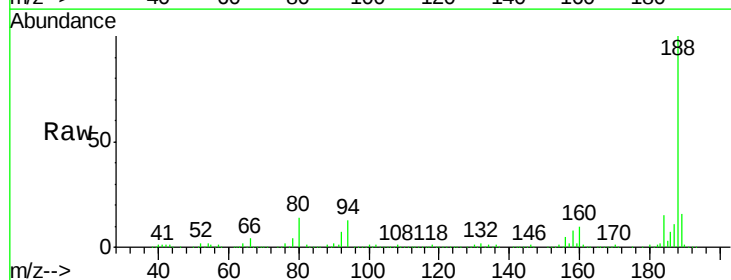
Instrument :
 BNA_F
 ClientSampleId :
 G40-0-1.5

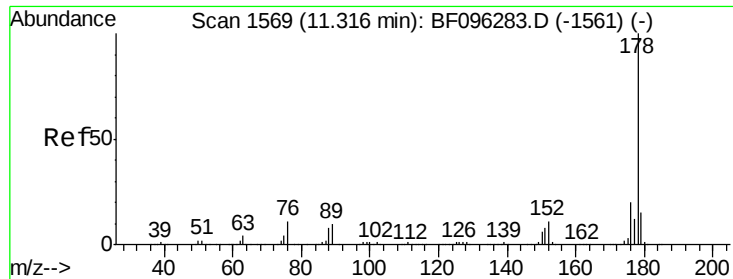
Tgt Ion:166 Resp: 1414
 Ion Ratio Lower Upper
 166 100
 165 117.5 78.8 118.2
 167 19.0 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BF096337.D
 Acq: 30 Jun 2017 15:11

Tgt Ion:188 Resp: 395022
 Ion Ratio Lower Upper
 188 100
 94 13.1 9.4 14.2
 80 13.9 10.2 15.2

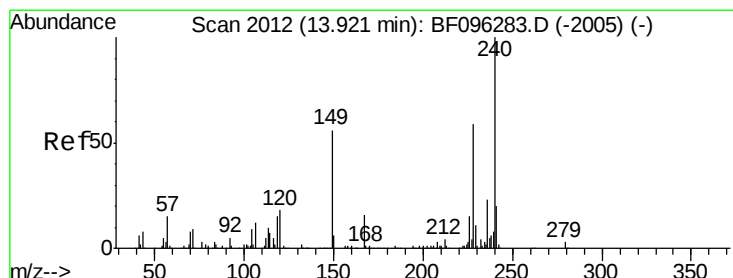
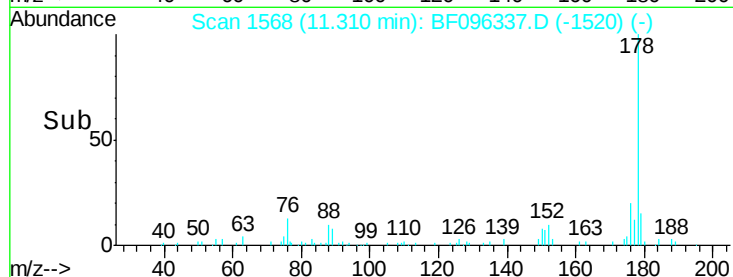
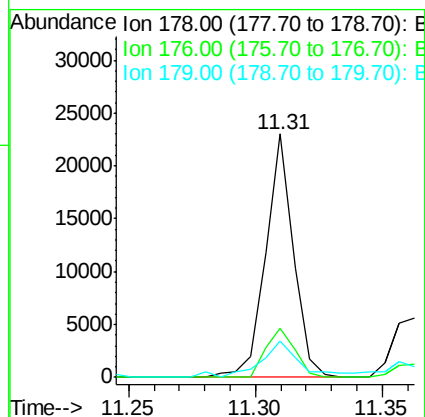
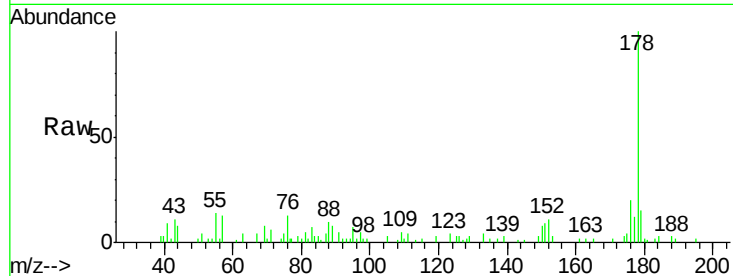




#70
Phenanthrene
Concen: Below Cal
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF096337.D
Acq: 30 Jun 2017 15:11

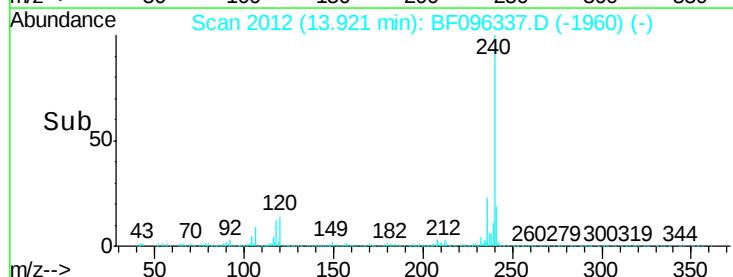
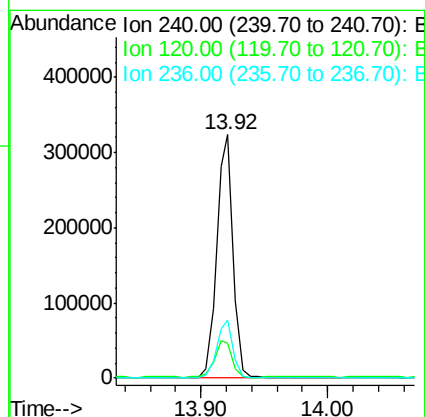
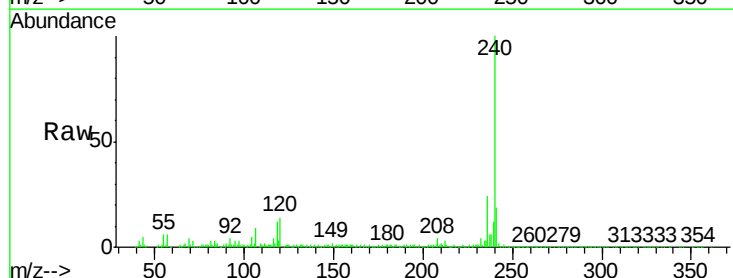
Instrument :
BNA_F
ClientSampleId :
G40-0-1.5

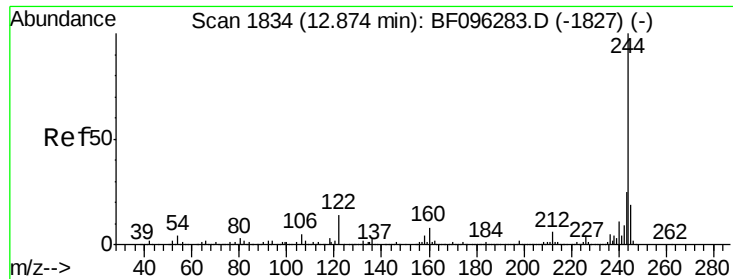
Tgt Ion:178 Resp: 17661
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 14.7 12.6 19.0



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF096337.D
Acq: 30 Jun 2017 15:11

Tgt Ion:240 Resp: 293670
Ion Ratio Lower Upper
240 100
120 14.3 5.8 8.8#
236 23.7 20.5 30.7





#78

Terphenyl-d14

Concen: 5.580 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096337.D

Acq: 30 Jun 2017 15:11

Instrument :

BNA_F

ClientSampleId :

G40-0-1.5

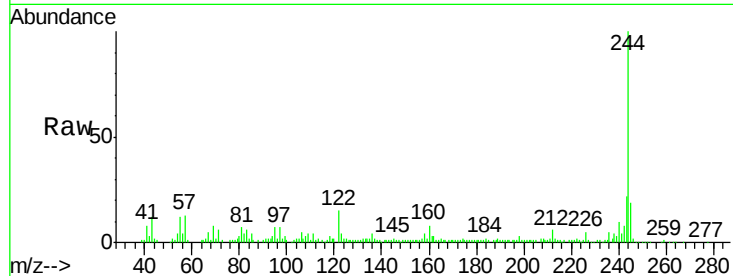
Tgt Ion:244 Resp: 65669

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

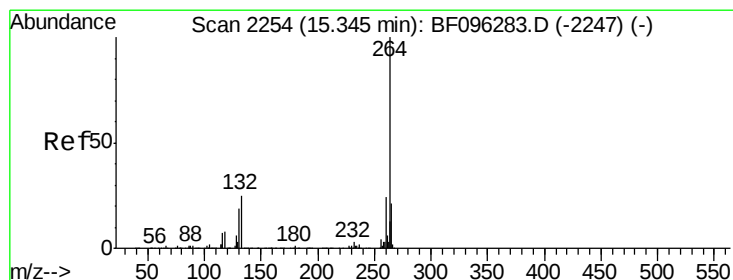
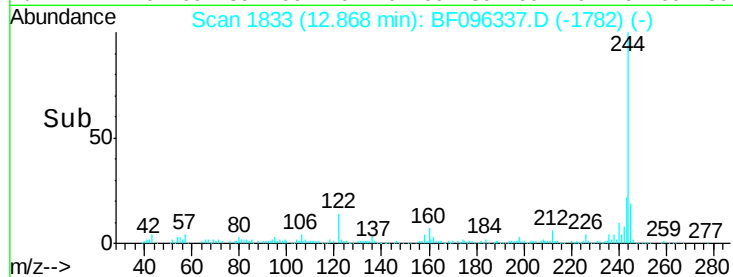
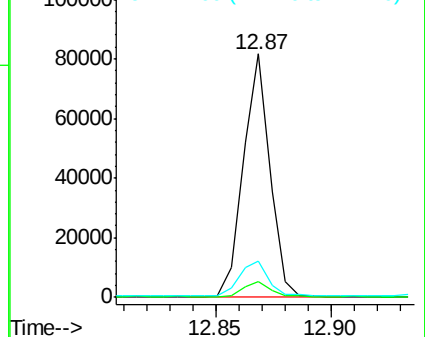
122 15.0 10.3 15.5



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: 15.35 min Scan# 2255

Delta R.T. 0.01 min

Lab File: BF096337.D

Acq: 30 Jun 2017 15:11

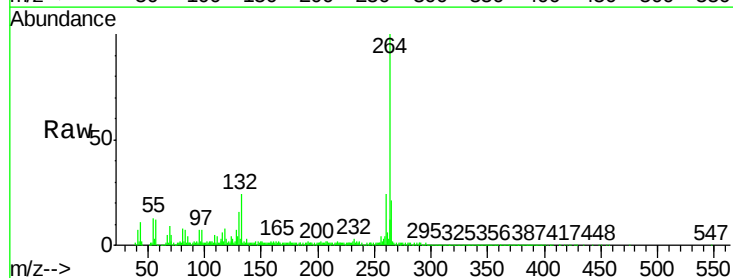
Tgt Ion:264 Resp: 248133

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 20.9 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

