

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096316.D
 Acq On : 30 Jun 2017 2:33
 Operator : SJ/MA
 Sample : I3883-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 30 03:56:38 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

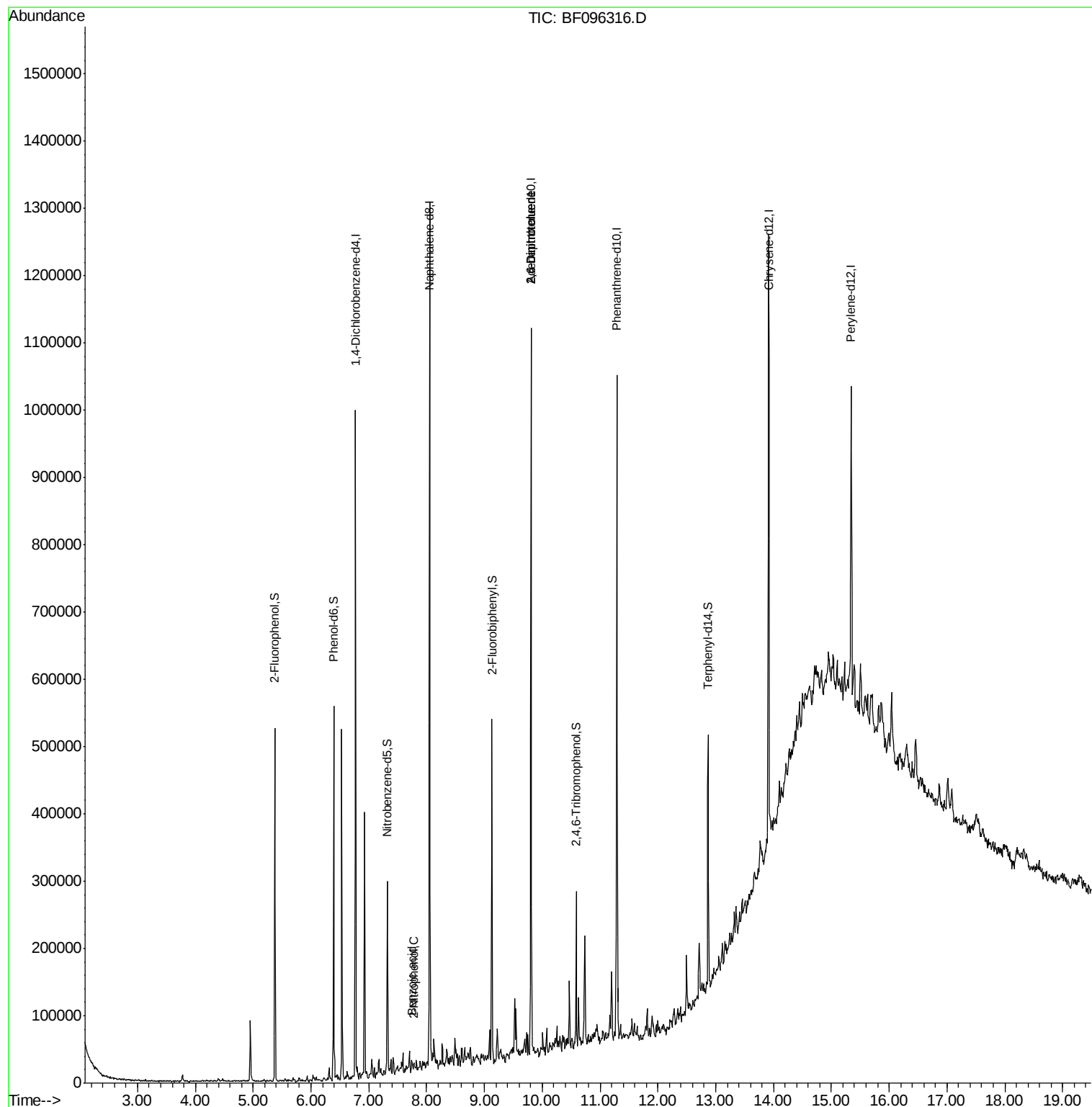
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	148415	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	565969	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	202961	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	313942	20.00	ng	0.00
75) Chrysene-d12	13.92	240	289670	20.00	ng	0.00
86) Perylene-d12	15.34	264	205548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	125445	12.18	ng	0.00
7) Phenol-d6	6.39	99	155693	12.48	ng	0.00
23) Nitrobenzene-d5	7.32	82	74129	9.07	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	21260	13.31	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	133661	12.06	ng	-0.02
78) Terphenyl-d14	12.87	244	101668	8.76	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	2478	Below Cal	Qvalue 89	
26) 2-Nitrophenol	7.77	139	239	6.10 ng	#	1
32) Benzoic acid	7.74	122	2056	9.07 ng	#	80
50) 2,6-Dinitrotoluene	9.80	165	27059	8.96 ng	#	34
56) 2,4-Dinitrotoluene	9.80	165	27059	7.11 ng	#	33
57) Fluorene	10.35	166	2699	Below Cal	#	79
60) 4-Chlorophenyl-phenylether	10.17	204	143	Below Cal	#	21
70) Phenanthrene	11.31	178	20963	Below Cal		97

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

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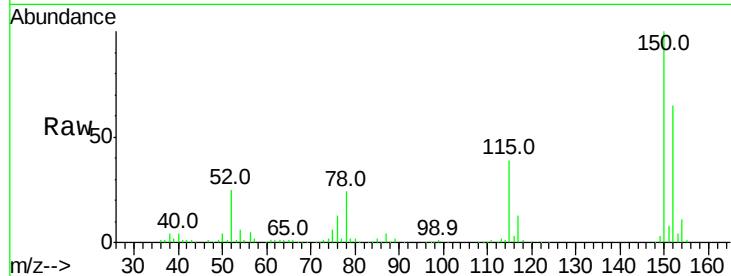


#1

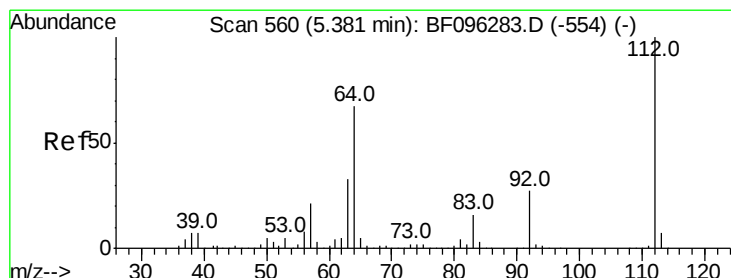
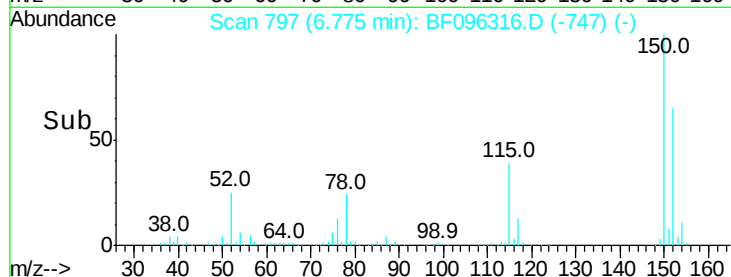
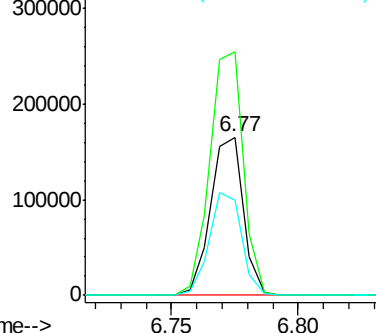
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF096316.D
Acq: 30 Jun 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148415
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 60.1 52.2 78.2



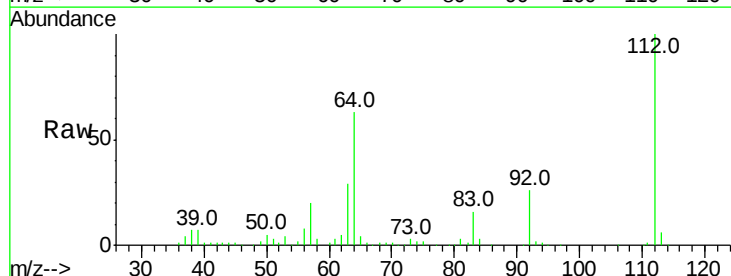
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



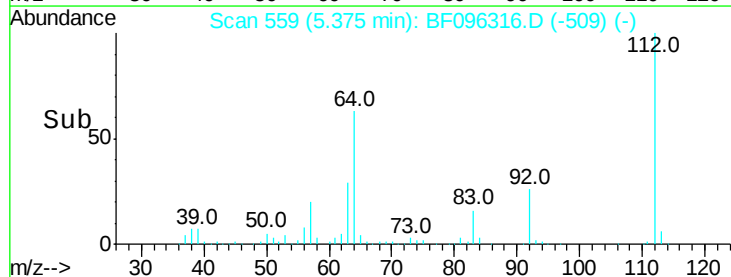
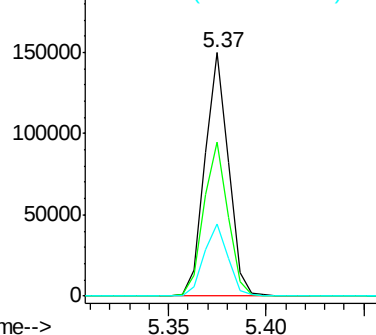
#5

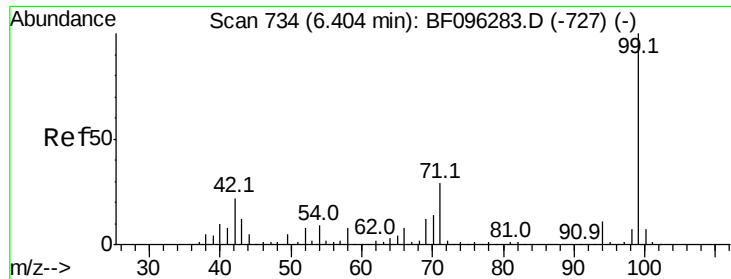
2-Fluorophenol
Concen: 12.18 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096316.D
Acq: 30 Jun 2017 2:33

Tgt Ion:112 Resp: 125445
Ion Ratio Lower Upper
112 100
64 63.3 46.0 69.0
63 29.4 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: 12.48 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096316.D

Acq: 30 Jun 2017 2:33

Instrument :

BNA_F

ClientSampled :

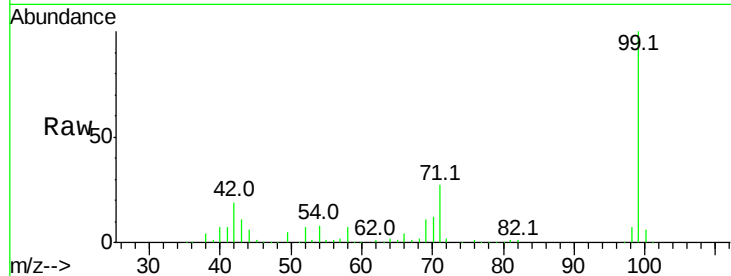
Tot Ion: 99 Resp: 155693

Ion Ratio Lower Upper

99 100

42 18.9 13.5 20.3

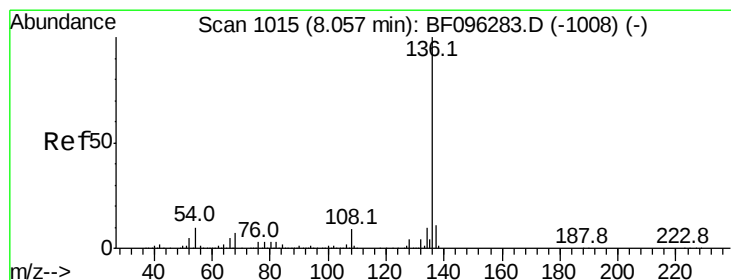
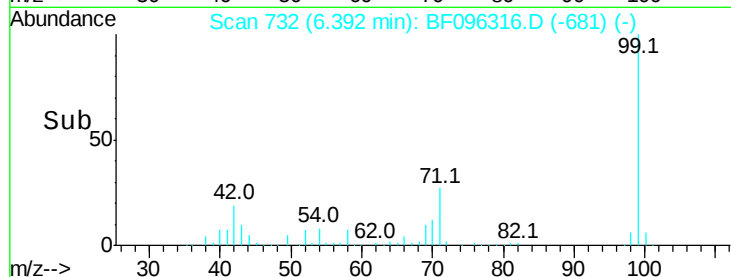
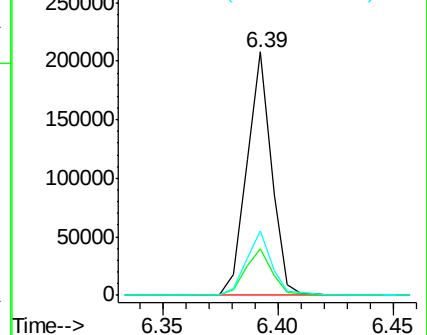
71 26.6 24.5 36.7



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: BF096316.D

Acq: 30 Jun 2017 2:33

Tgt Ion: 136 Resp: 565969

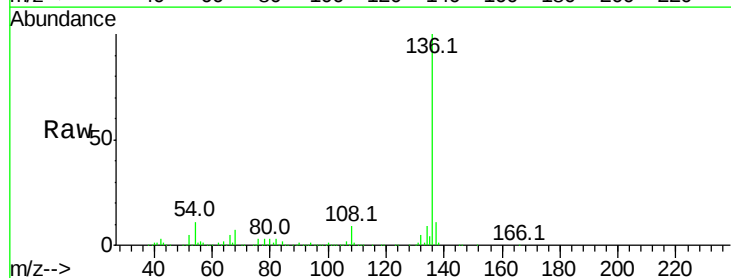
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.3 4.9 7.3#

68 7.0 4.1 6.1#

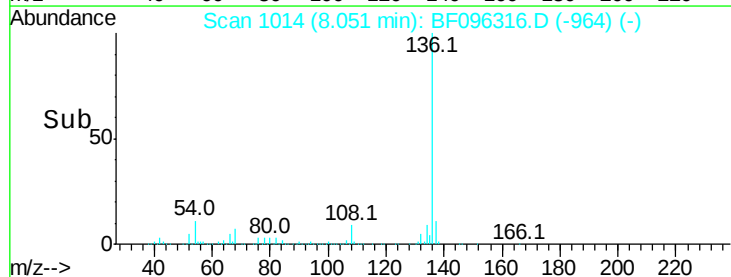
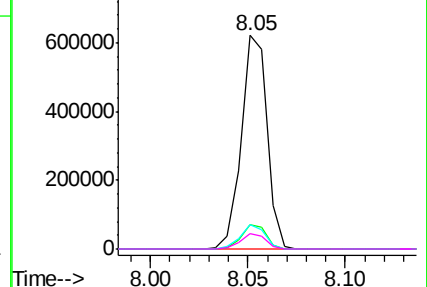


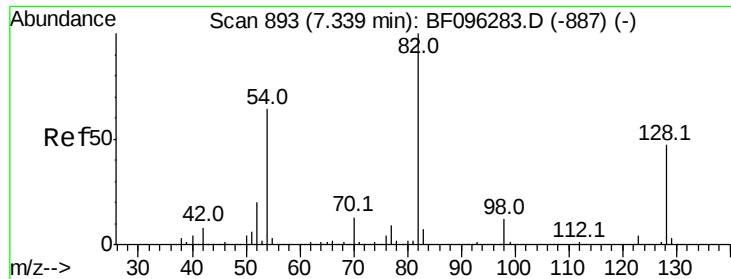
Abundance Ion 136.00 (135.70 to 136.70): E

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

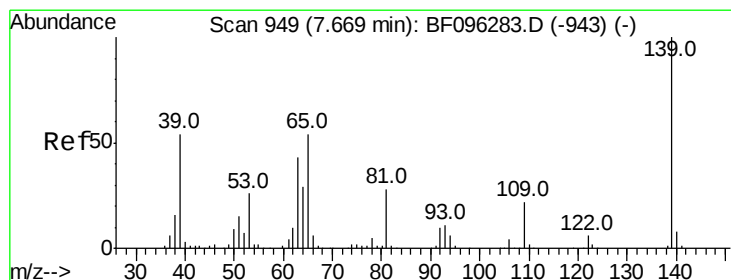
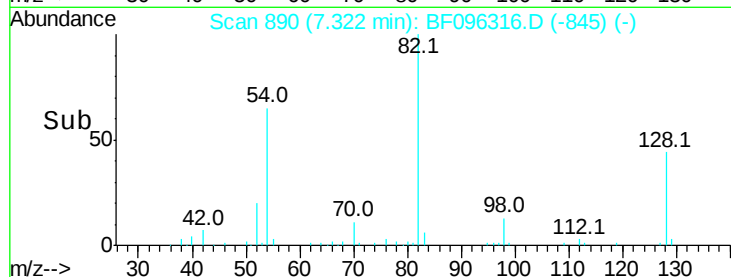
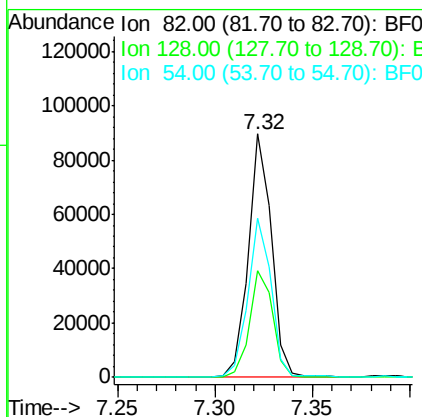
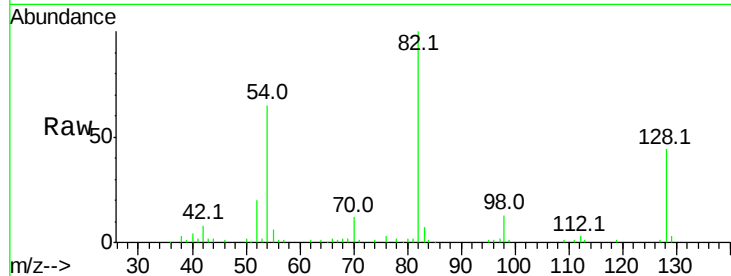




#23
Nitrobenzene-d5
Concen: 9.07 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096316.D
Acq: 30 Jun 2017 2:33

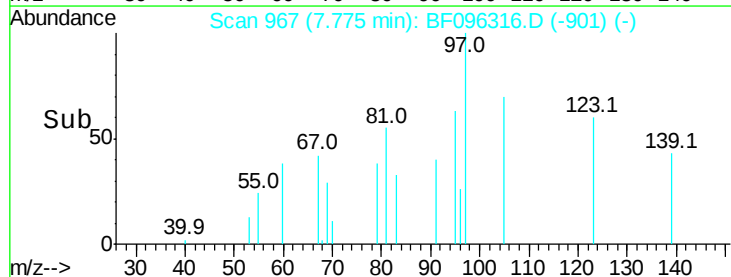
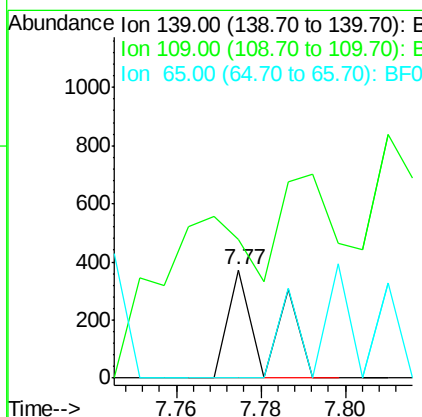
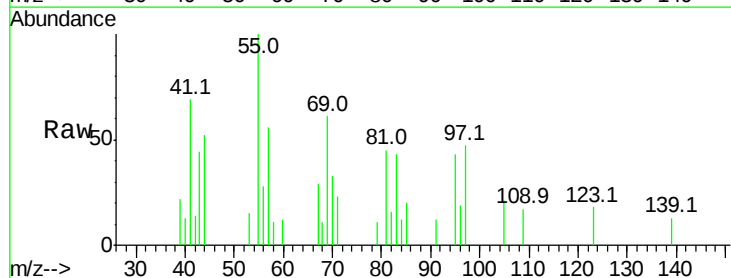
Instrument :
BNA_F
ClientSampled :

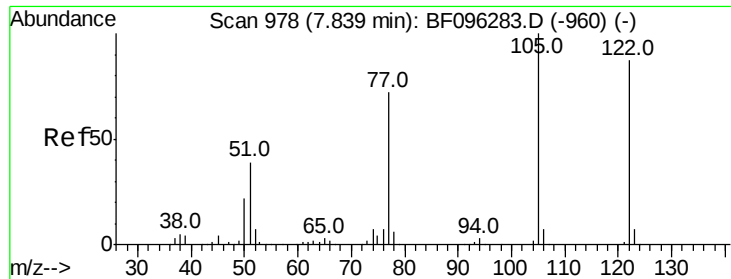
Tot Ion: 82 Resp: 74129
Ion Ratio Lower Upper
82 100
128 43.8 34.0 51.0
54 65.5 42.2 63.2#



#26
2-Nitrophenol
Concen: 6.10 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.09 min
Lab File: BF096316.D
Acq: 30 Jun 2017 2:33

Tgt Ion:139 Resp: 239
Ion Ratio Lower Upper
139 100
109 128.4 21.0 31.6#
65 0.0 33.0 49.6#

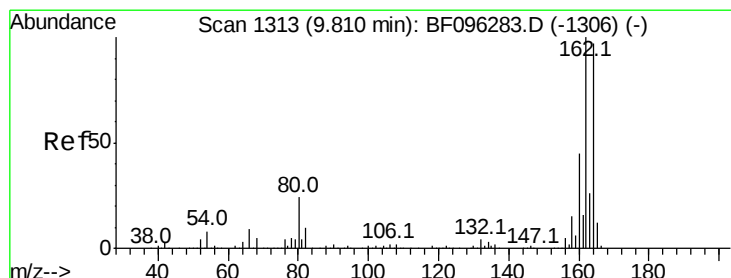
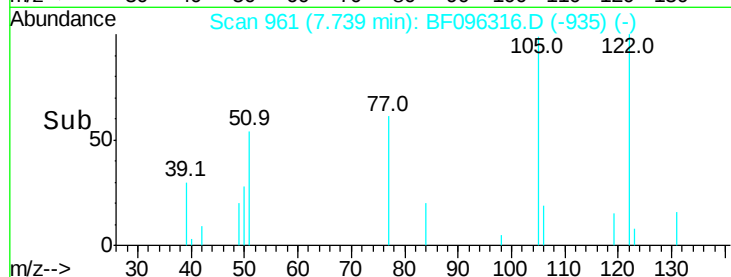
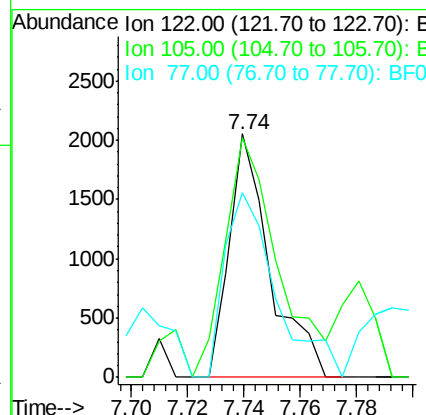
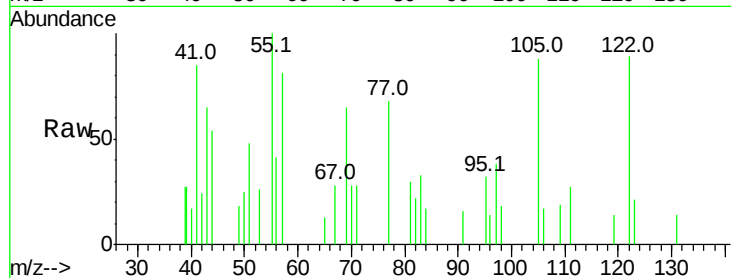




#32
Benzoic acid
Concen: 9.07 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.15 min
Lab File: BF096316.D
Acq: 30 Jun 2017 2:33

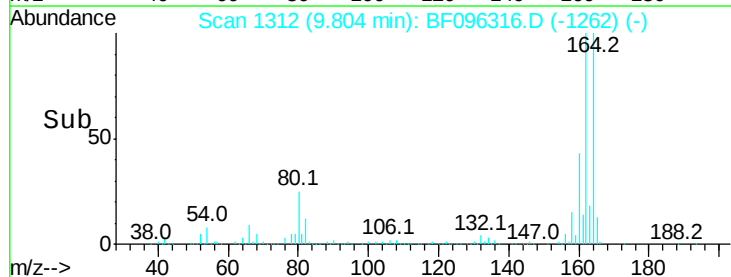
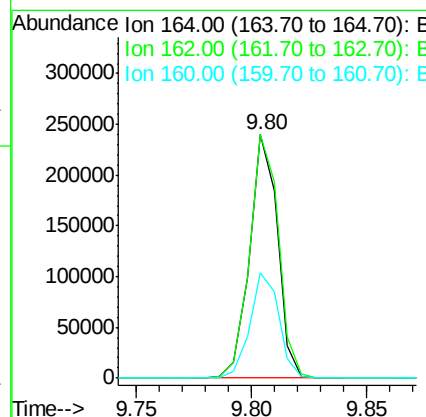
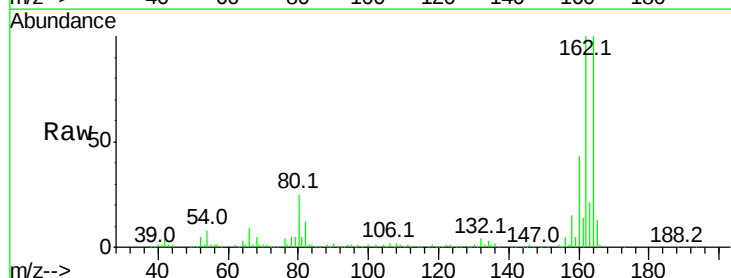
Instrument :
BNA_F
ClientSampled :

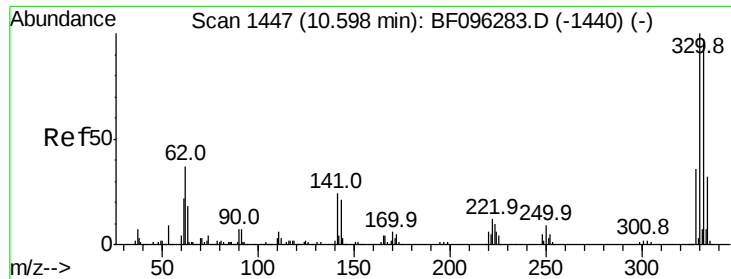
Tot Ion:122 Resp: 2056
Ion Ratio Lower Upper
122 100
105 98.7 103.3 143.3#
77 76.1 73.7 113.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096316.D
Acq: 30 Jun 2017 2:33

Tgt Ion:164 Resp: 202961
Ion Ratio Lower Upper
164 100
162 100.0 82.6 123.8
160 43.4 36.2 54.2

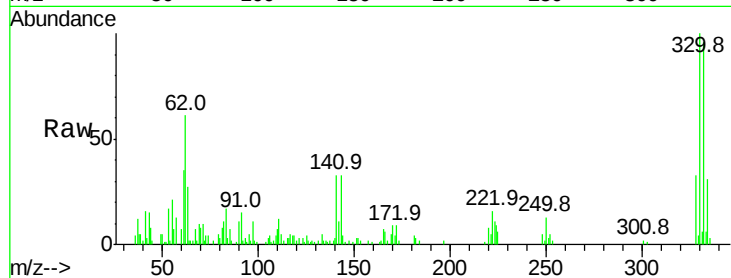




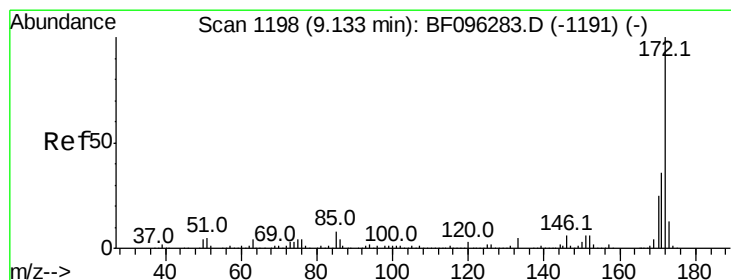
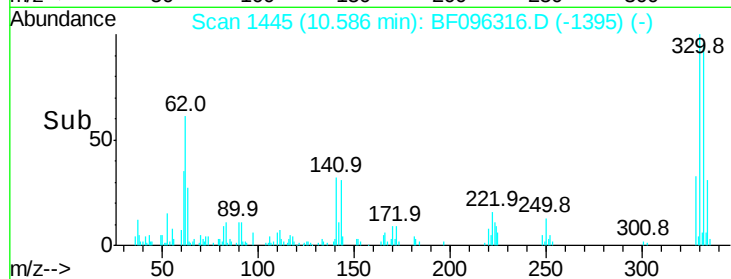
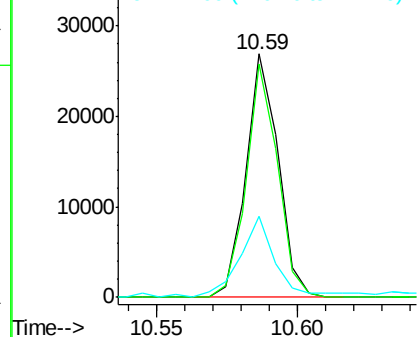
#41
 2,4,6-Tribromophenol
 Concen: 13.31 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096316.D
 Acq: 30 Jun 2017 2:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 21260
 Ion Ratio Lower Upper
 330 100
 332 93.1 76.6 115.0
 141 35.9 31.4 47.2

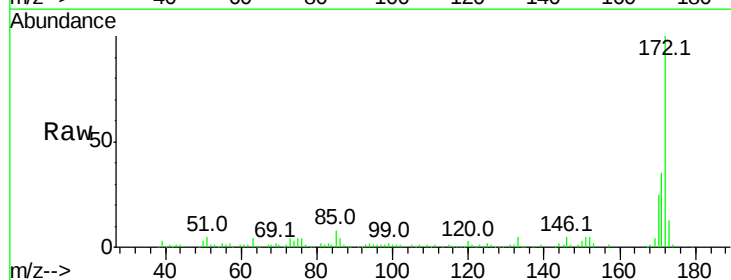


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

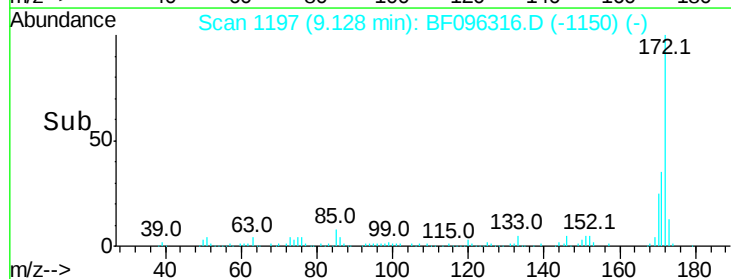
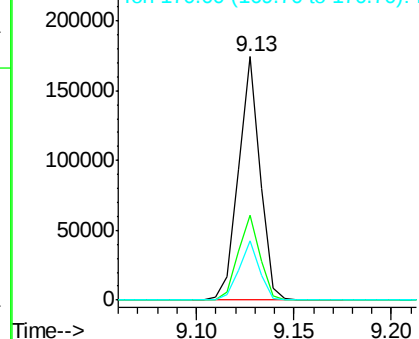


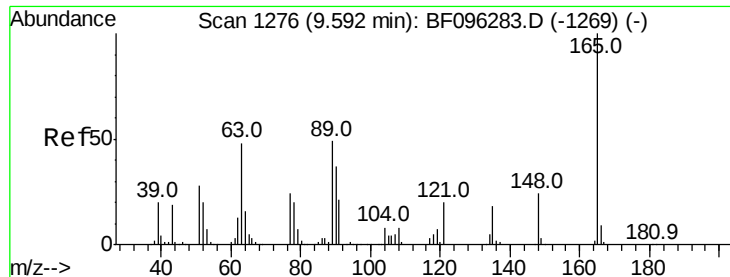
#44
 2-Fluorobiphenyl
 Concen: 12.06 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096316.D
 Acq: 30 Jun 2017 2:33

Tgt Ion:172 Resp: 133661
 Ion Ratio Lower Upper
 172 100
 171 34.7 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

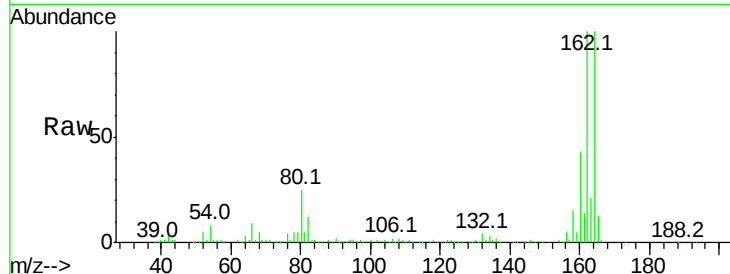




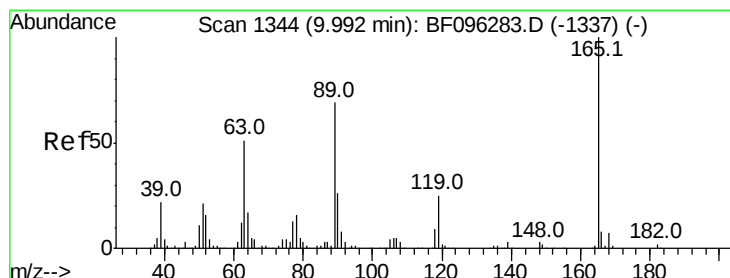
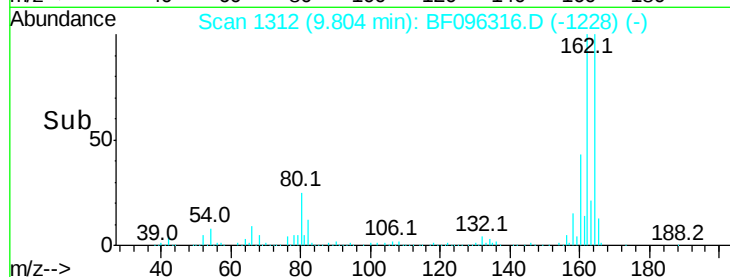
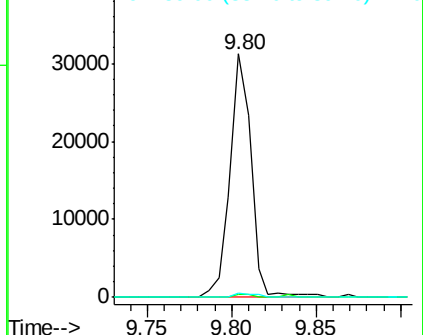
#50
 2,6-Dinitrotoluene
 Concen: 8.96 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF096316.D
 Acq: 30 Jun 2017 2:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	1.7	37.1	55.7#



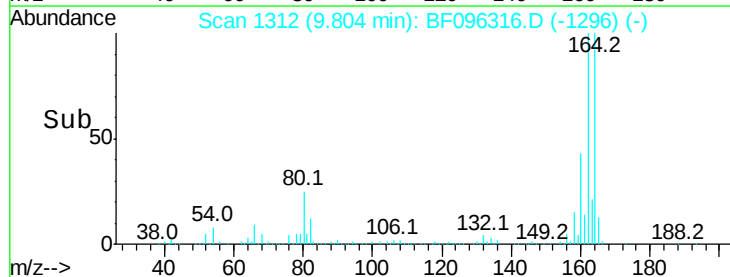
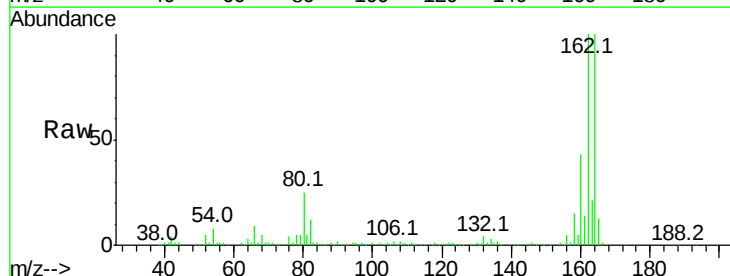
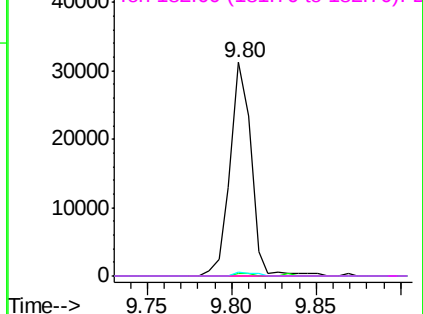
Abundance Ion 165.00 (164.70 to 165.70): E

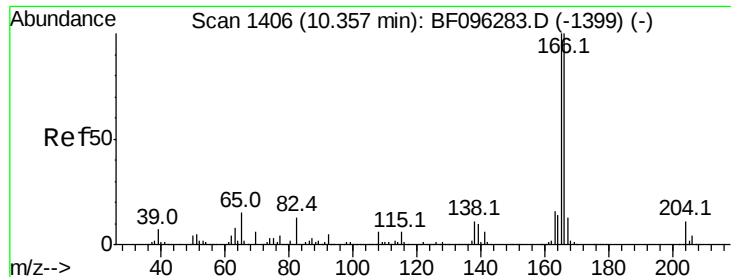


#56
 2,4-Dinitrotoluene
 Concen: 7.11 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.21 min
 Lab File: BF096316.D
 Acq: 30 Jun 2017 2:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

Abundance Ion 165.00 (164.70 to 165.70): E





#57

Fluorene

Concen: Below Cal

RT: 10.35 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BF096316.D

Acq: 30 Jun 2017 2:33

Instrument :

BNA_F

ClientSampleId :

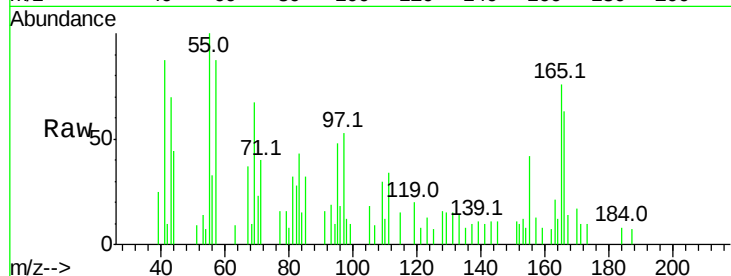
Tot Ion:166 Resp: 2699

Ion Ratio Lower Upper

166 100

165 119.4 78.8 118.2#

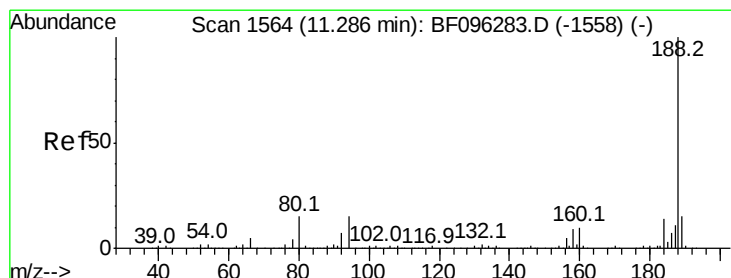
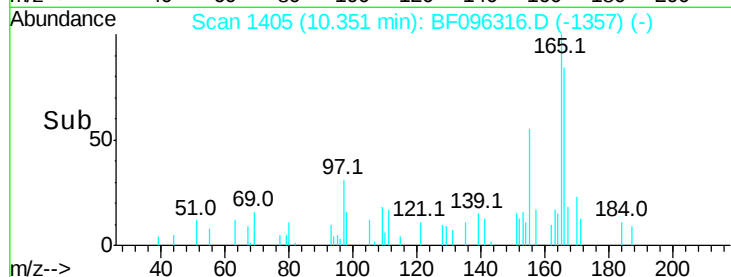
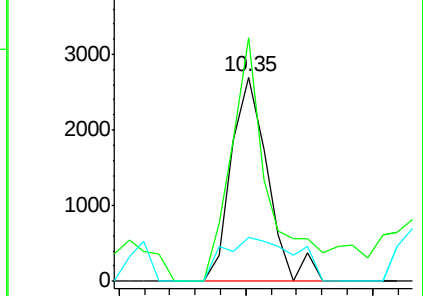
167 21.4 10.6 16.0#



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: 20.00 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BF096316.D

Acq: 30 Jun 2017 2:33

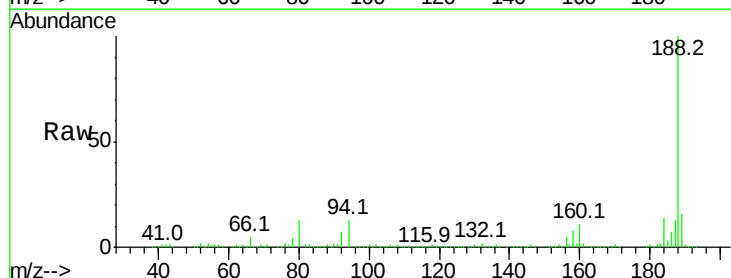
Tgt Ion:188 Resp: 313942

Ion Ratio Lower Upper

188 100

94 13.2 9.4 14.2

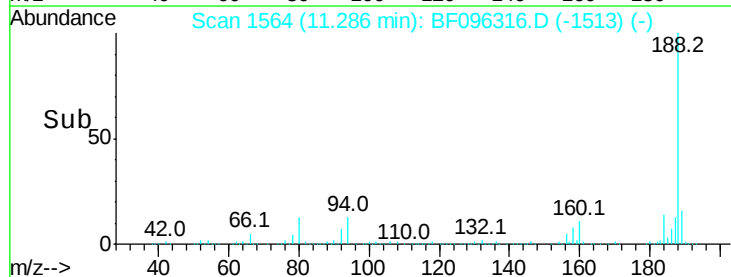
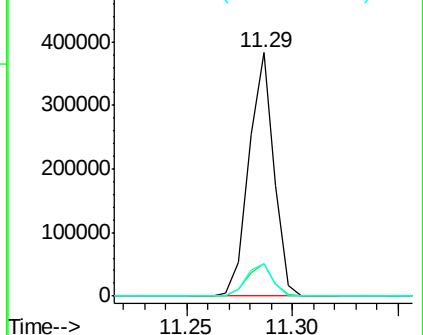
80 13.4 10.2 15.2

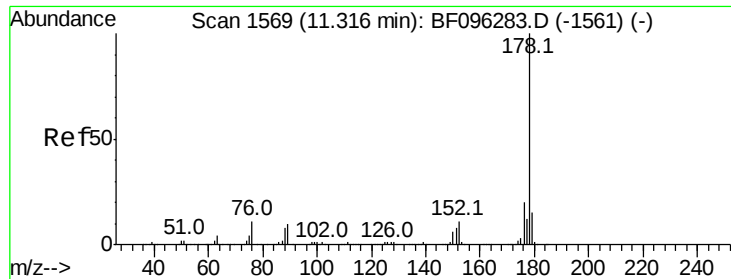


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

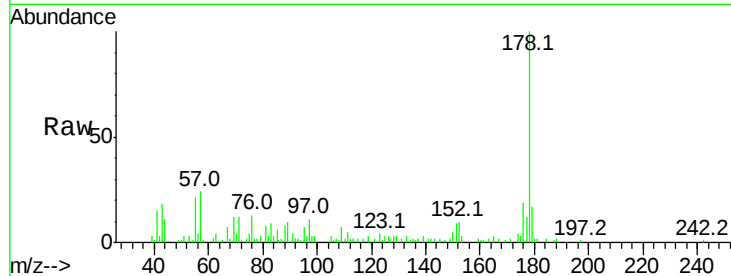




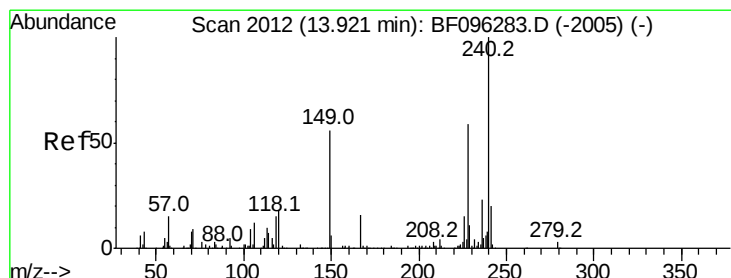
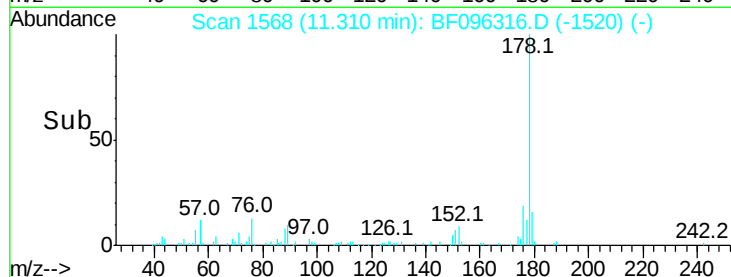
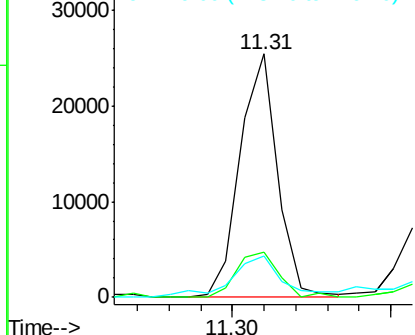
#70
Phenanthrene
Concen: Below Cal
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF096316.D
Acq: 30 Jun 2017 2:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 20963
Ion Ratio Lower Upper
178 100
176 18.8 16.2 24.4
179 17.2 12.6 19.0

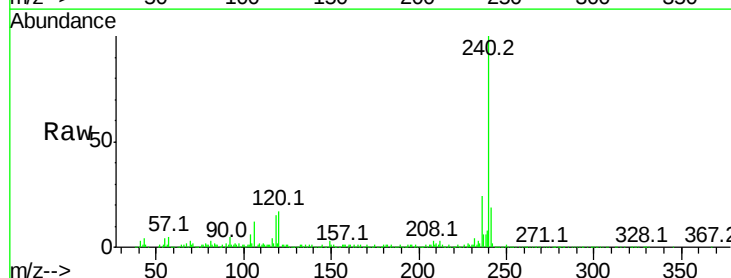


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

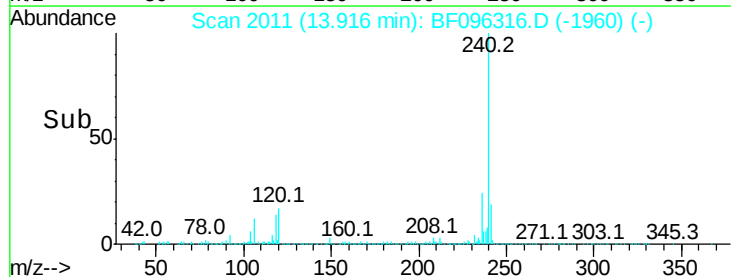
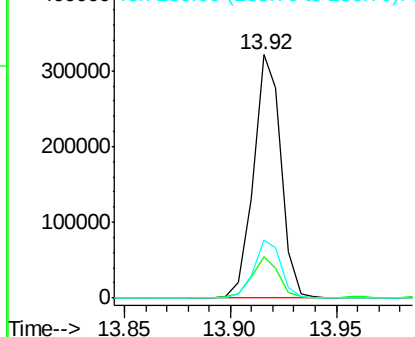


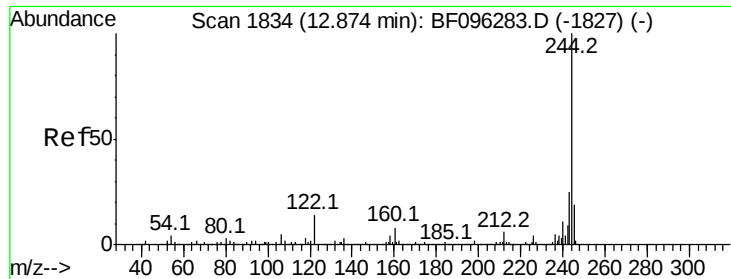
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF096316.D
Acq: 30 Jun 2017 2:33

Tgt Ion:240 Resp: 289670
Ion Ratio Lower Upper
240 100
120 17.2 5.8 8.8#
236 23.7 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: 8.76 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096316.D

Acq: 30 Jun 2017 2:33

Instrument :

BNA_F

ClientSampleId :

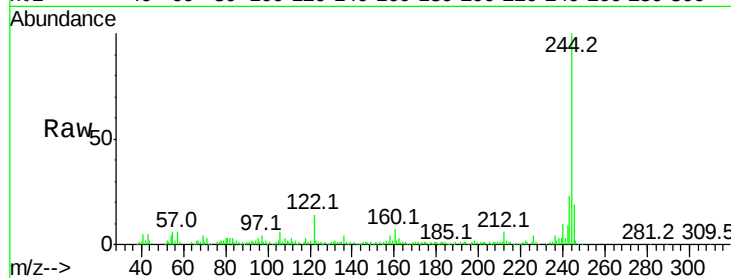
Tot Ion:244 Resp: 101668

Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

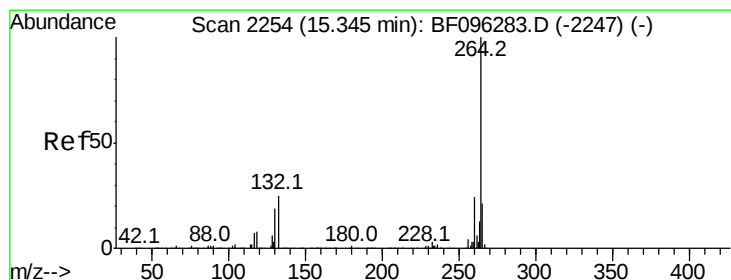
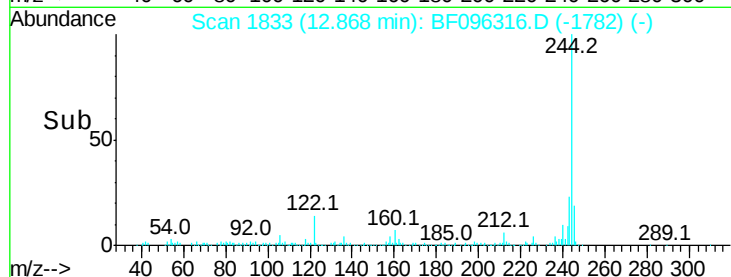
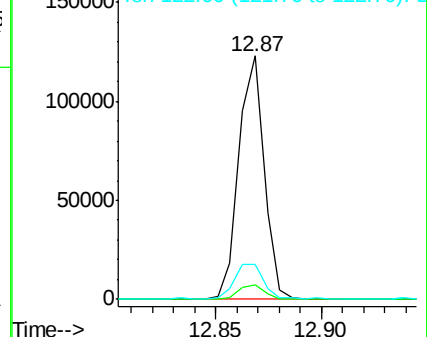
122 14.3 10.3 15.5



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: BF096316.D

Acq: 30 Jun 2017 2:33

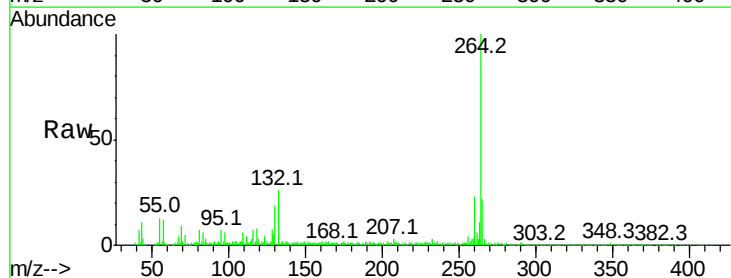
Tgt Ion:264 Resp: 205548

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 22.0 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

