

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096261.D
 Acq On : 28 Jun 2017 20:42
 Operator : SJ/MA
 Sample : I3852-14 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-48-1.5-3

Quant Time: Jun 29 04:58:47 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	6.78	152	148553	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	588238	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	228964	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	377891	20.00	ng	0.00
75) Chrysene-d12	13.93	240	352940	20.00	ng	0.01
86) Perylene-d12	15.36	264	257943	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	97051	9.41	ng	0.00
7) Phenol-d6	6.40	99	149388	11.96	ng	0.01
23) Nitrobenzene-d5	7.33	82	75448	8.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	7789	4.32	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	140298	11.22	ng	-0.01
78) Terphenyl-d14	12.87	244	114205	8.07	ng	0.00

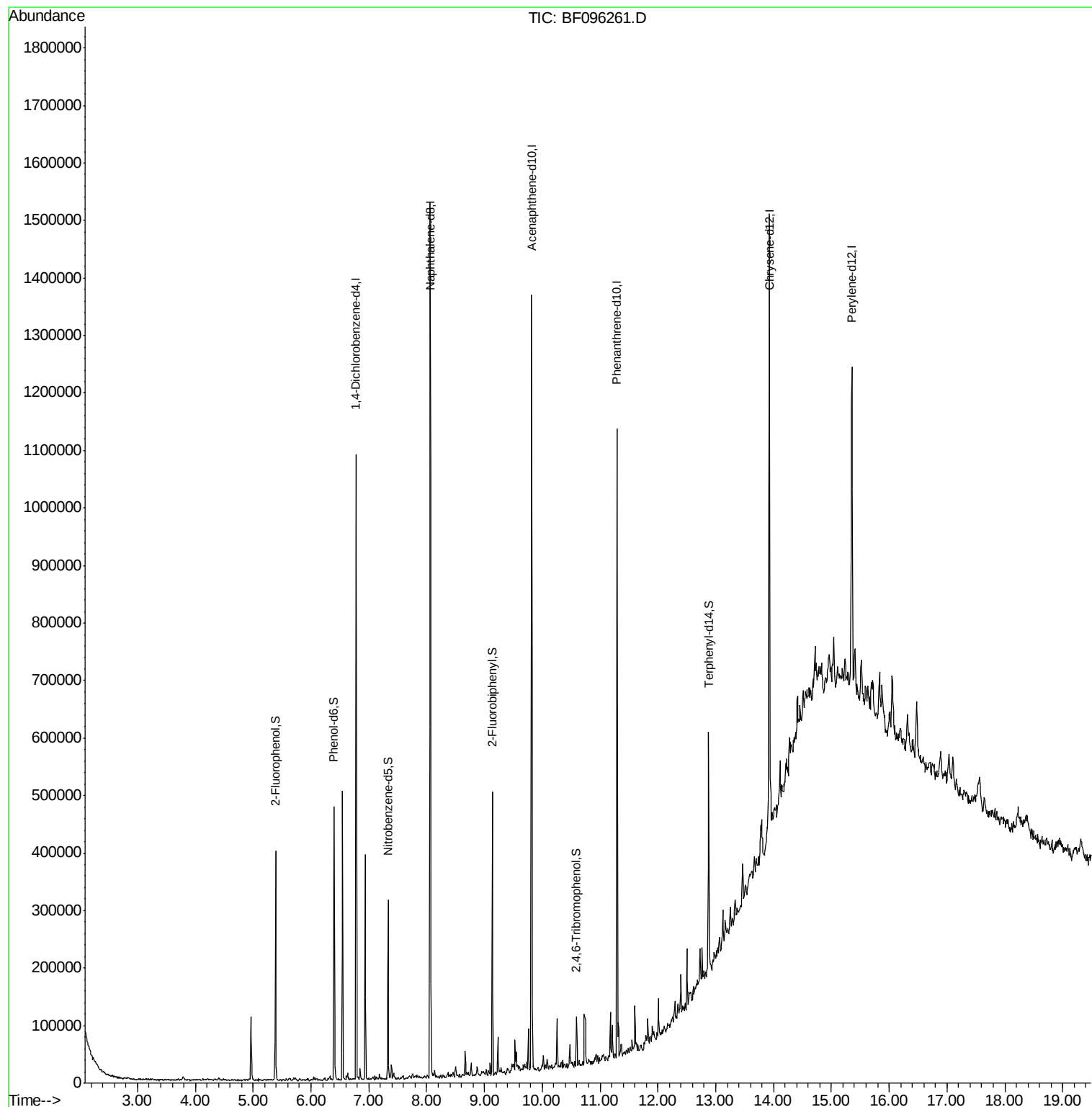
Target Compounds Qvalue

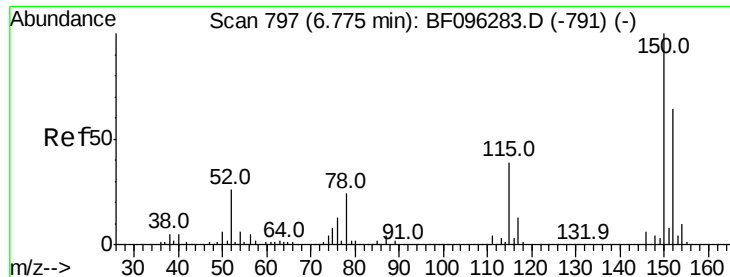
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF096261.D

Acq: 28 Jun 2017 20:42

Instrument :

BNA_F

ClientSampleId :

G-48-1.5-3

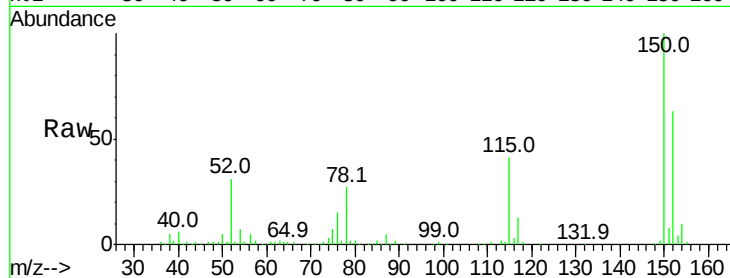
Tot Ion:152 Resp: 148553

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

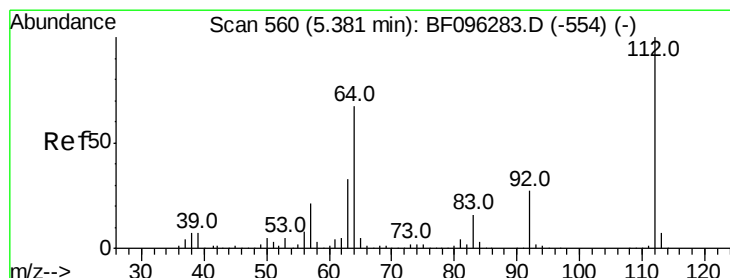
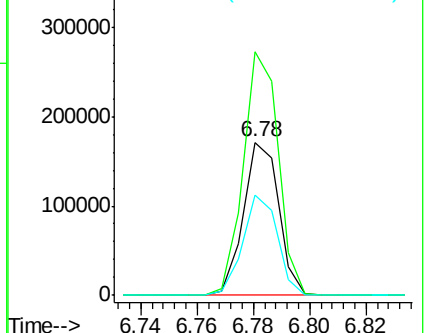
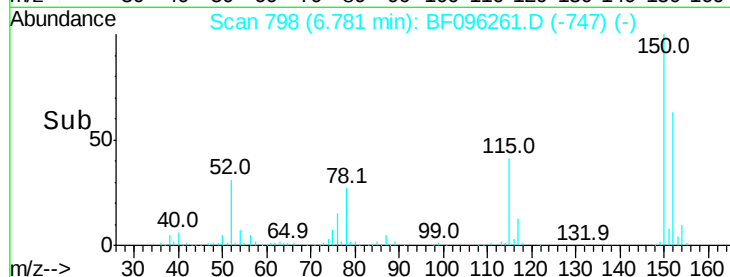
115 66.0 52.2 78.2



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: 9.41 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF096261.D

Acq: 28 Jun 2017 20:42

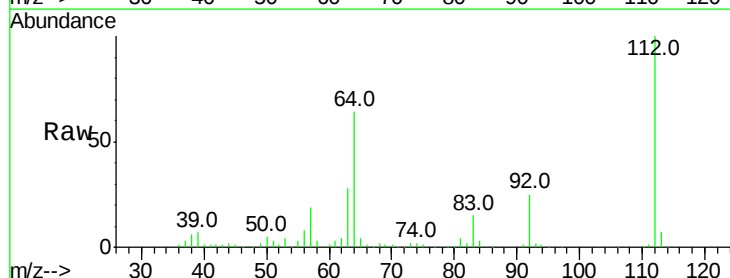
Tgt Ion:112 Resp: 97051

Ion Ratio Lower Upper

112 100

64 64.2 46.0 69.0

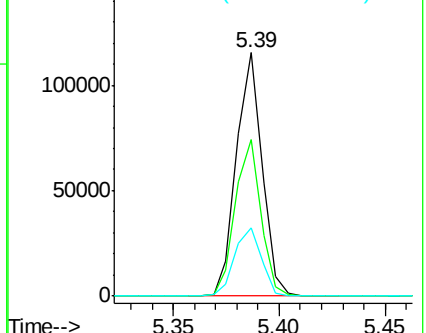
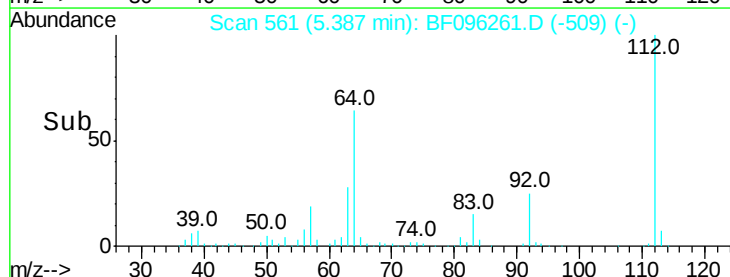
63 28.1 23.4 35.0

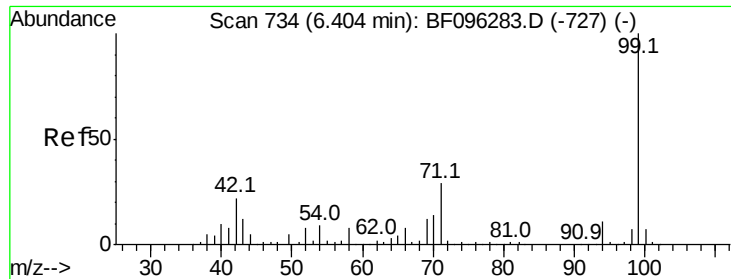


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.96 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096261.D

Acq: 28 Jun 2017 20:42

Instrument :

BNA_F

ClientSampleId :

G-48-1.5-3

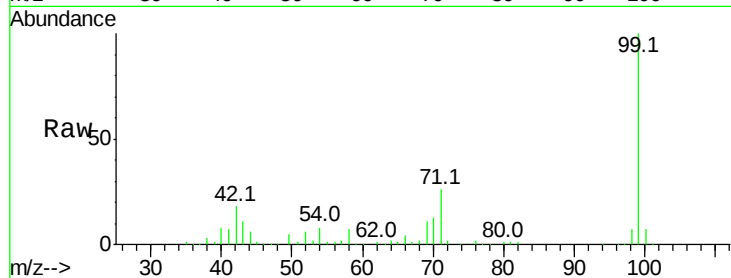
Tot Ion: 99 Resp: 149388

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

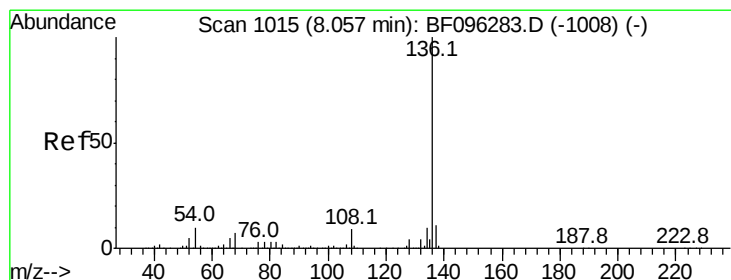
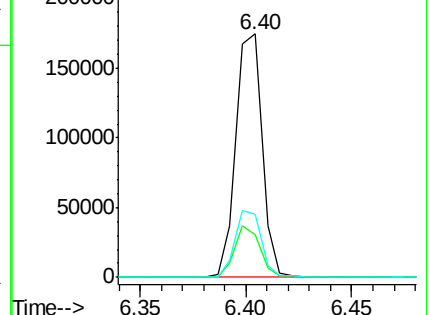
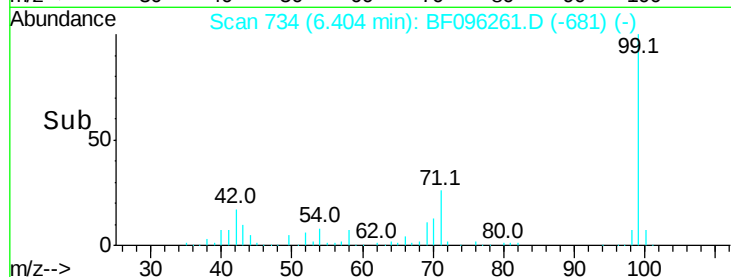
71 26.0 24.5 36.7



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: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096261.D

Acq: 28 Jun 2017 20:42

Tgt Ion: 136 Resp: 588238

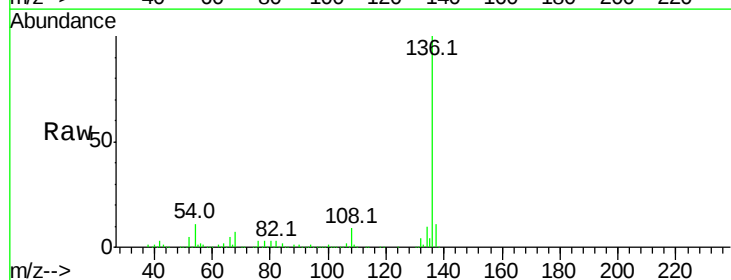
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 11.1 4.9 7.3#

68 7.0 4.1 6.1#

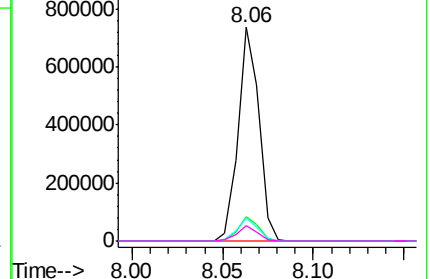
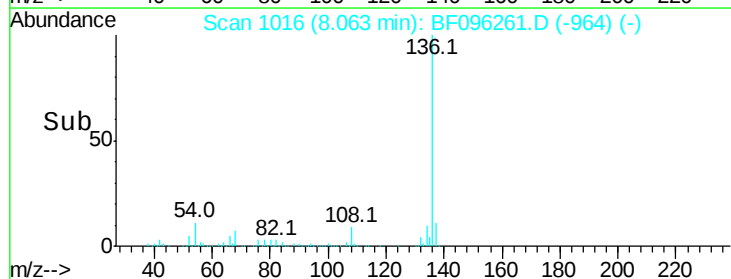


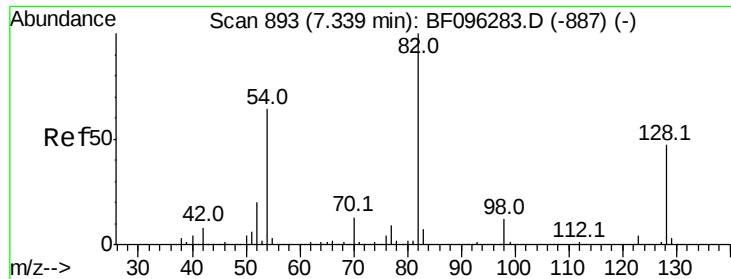
Abundance Ion 136.00 (135.70 to 136.70): E

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

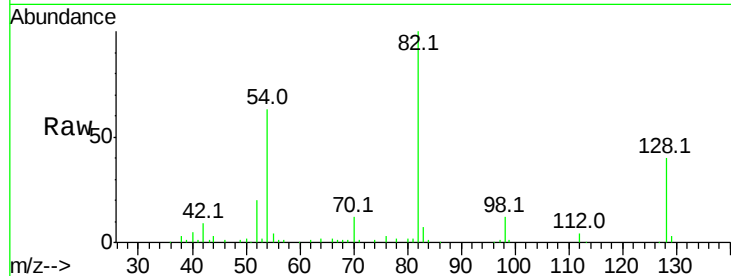




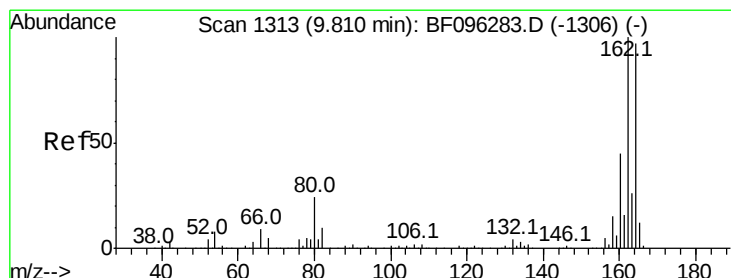
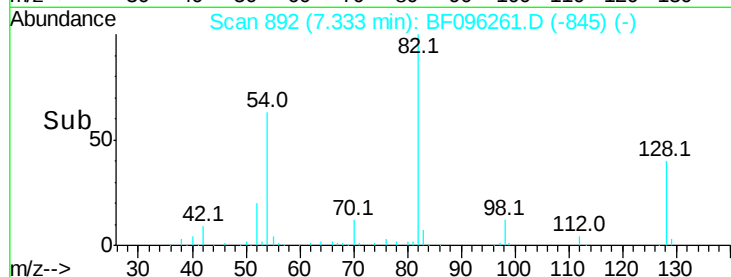
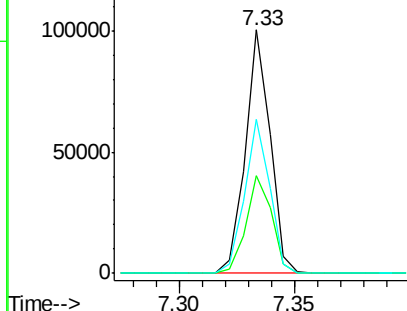
#23
Nitrobenzene-d5
Concen: 8.88 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF096261.D
Acq: 28 Jun 2017 20:42

Instrument :
BNA_F
ClientSampleId :
G-48-1.5-3

Tot Ion: 82 Resp: 75448
Ion Ratio Lower Upper
82 100
128 40.3 34.0 51.0
54 63.2 42.2 63.2

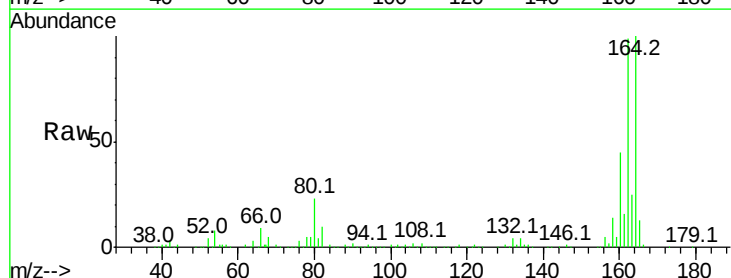


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

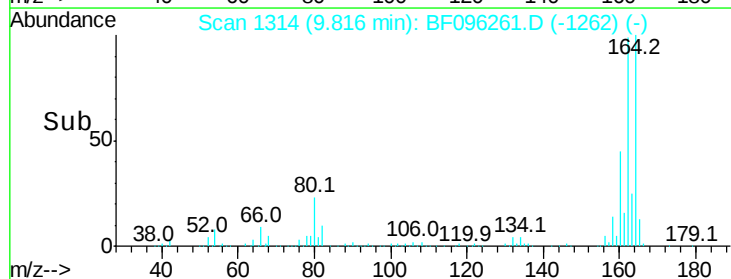
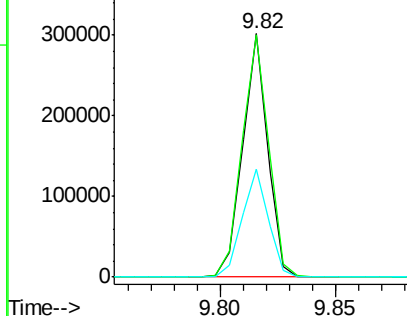


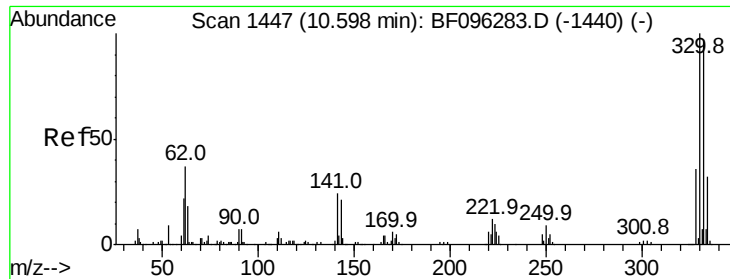
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096261.D
Acq: 28 Jun 2017 20:42

Tgt Ion:164 Resp: 228964
Ion Ratio Lower Upper
164 100
162 99.4 82.6 123.8
160 44.6 36.2 54.2



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



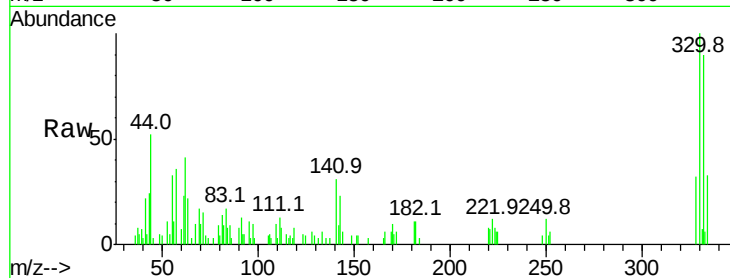


#41
 2,4,6-Tribromophenol
 Concen: 4.32 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096261.D
 Acq: 28 Jun 2017 20:42

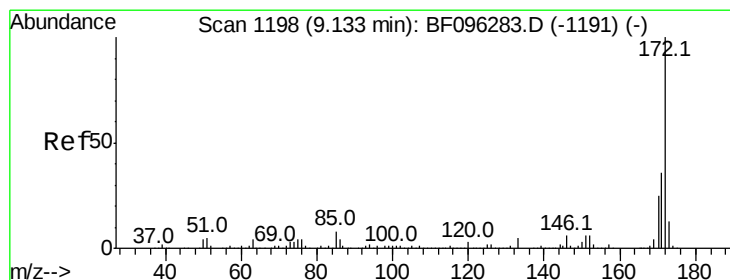
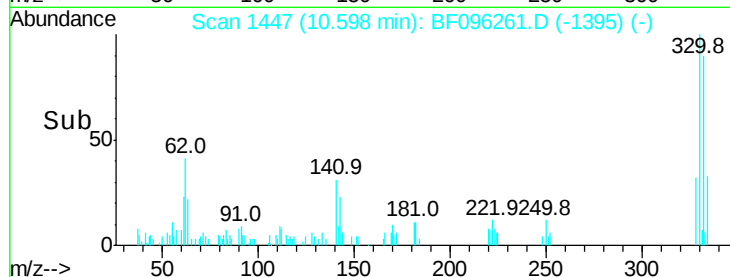
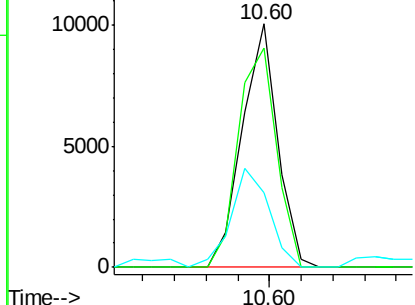
Instrument :
 BNA_F
 ClientSampleId :
 G-48-1.5-3

Tot Ion:330 Resp: 7789

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	43.8	31.4	47.2



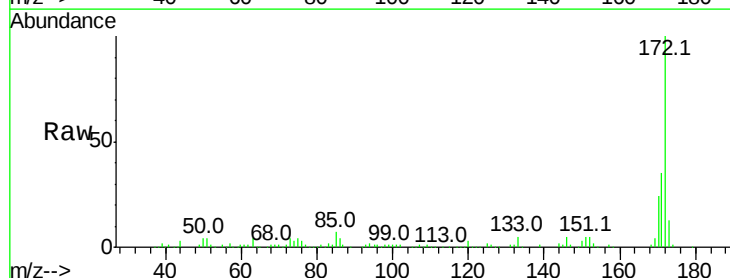
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



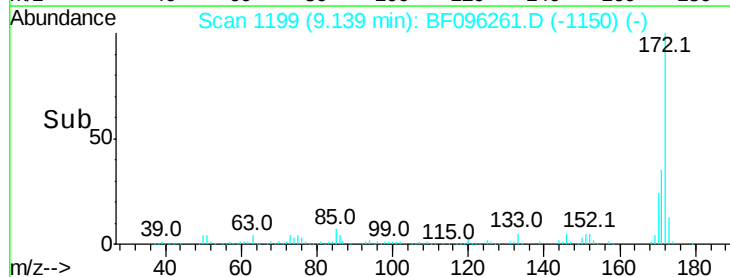
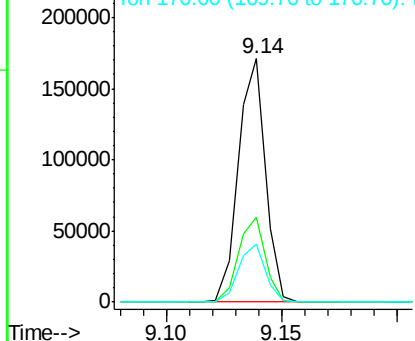
#44
 2-Fluorobiphenyl
 Concen: 11.22 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096261.D
 Acq: 28 Jun 2017 20:42

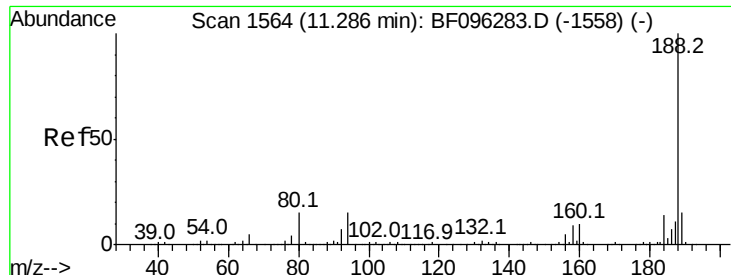
Tgt Ion:172 Resp: 140298

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.7	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

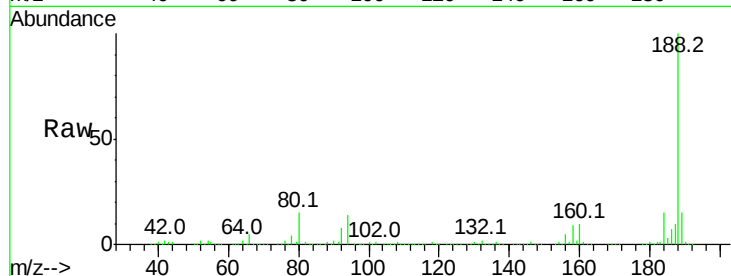




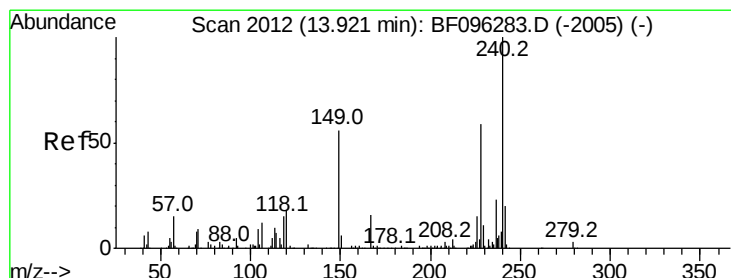
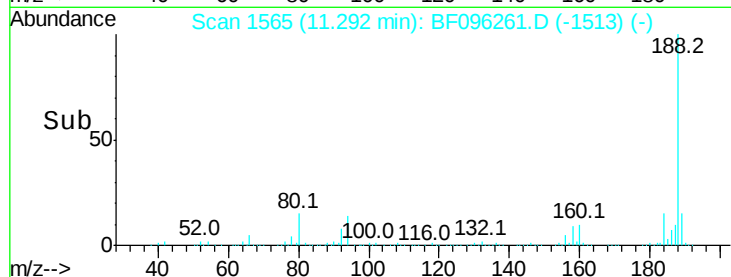
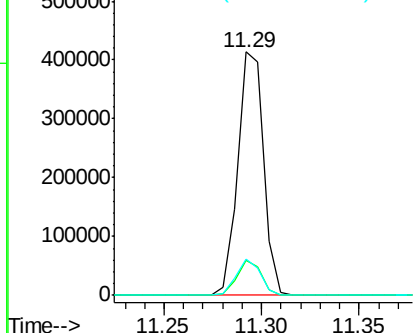
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096261.D
Acq: 28 Jun 2017 20:42

Instrument :
BNA_F
ClientSampleId :
G-48-1.5-3

Tot Ion:188 Resp: 377891
Ion Ratio Lower Upper
188 100
94 14.3 9.4 14.2#
80 14.9 10.2 15.2

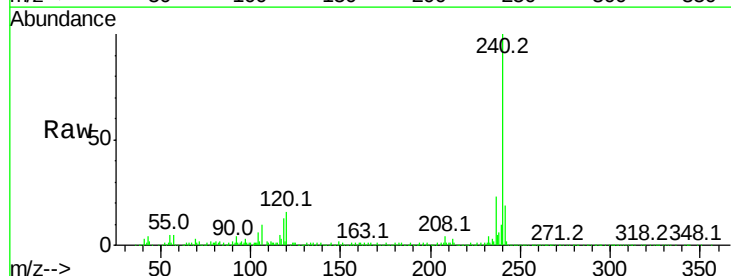


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

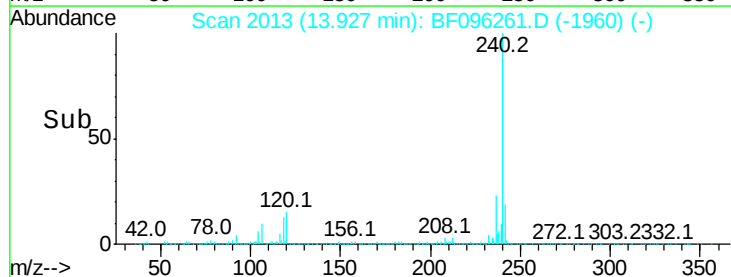
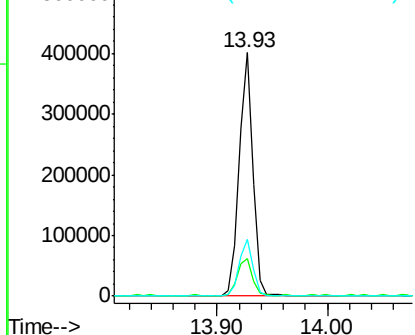


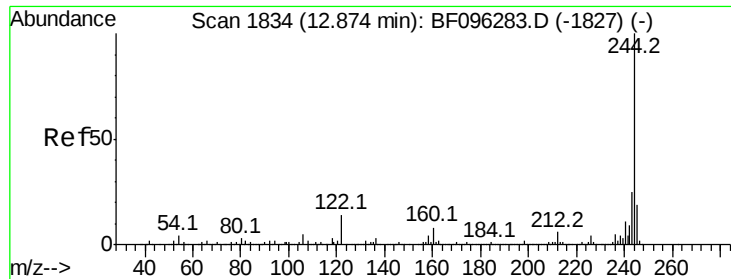
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF096261.D
Acq: 28 Jun 2017 20:42

Tgt Ion:240 Resp: 352940
Ion Ratio Lower Upper
240 100
120 15.6 5.8 8.8#
236 23.4 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: 8.07 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096261.D

Acq: 28 Jun 2017 20:42

Instrument :

BNA_F

ClientSampleId :

G-48-1.5-3

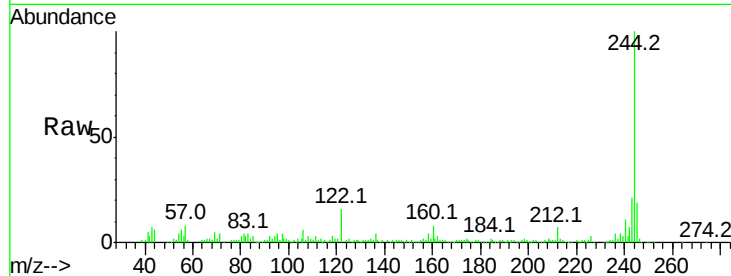
Tot Ion:244 Resp: 114205

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

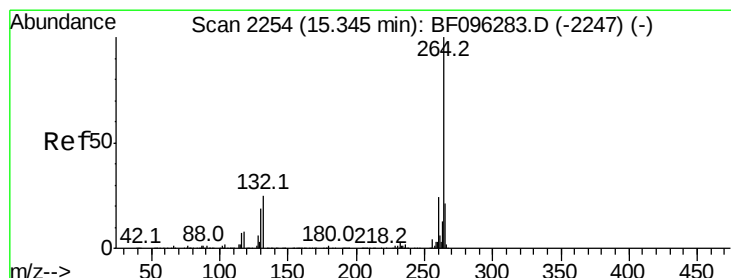
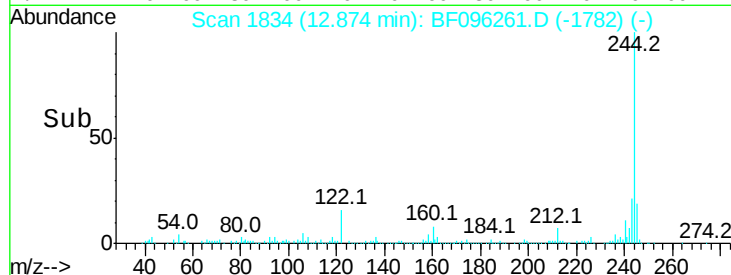
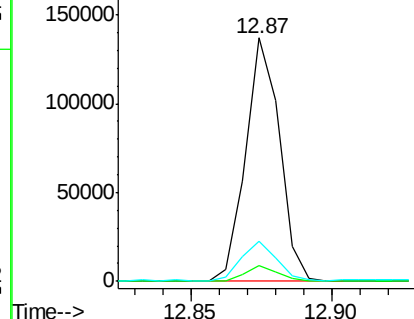
122 16.4 10.3 15.5#



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: 15.36 min Scan# 2256

Delta R.T. 0.02 min

Lab File: BF096261.D

Acq: 28 Jun 2017 20:42

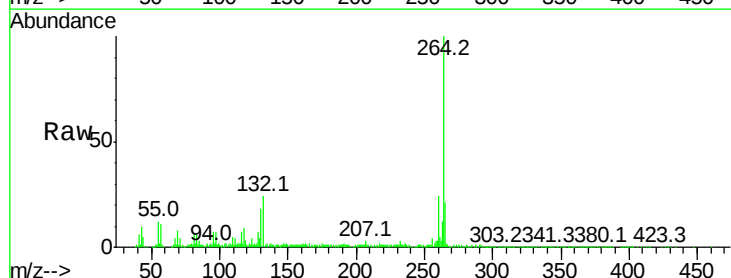
Tgt Ion:264 Resp: 257943

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.2 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

