

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096260.D
 Acq On : 28 Jun 2017 20:14
 Operator : SJ/MA
 Sample : I3852-13 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-48-0-1.5

Quant Time: Jun 29 04:56:10 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

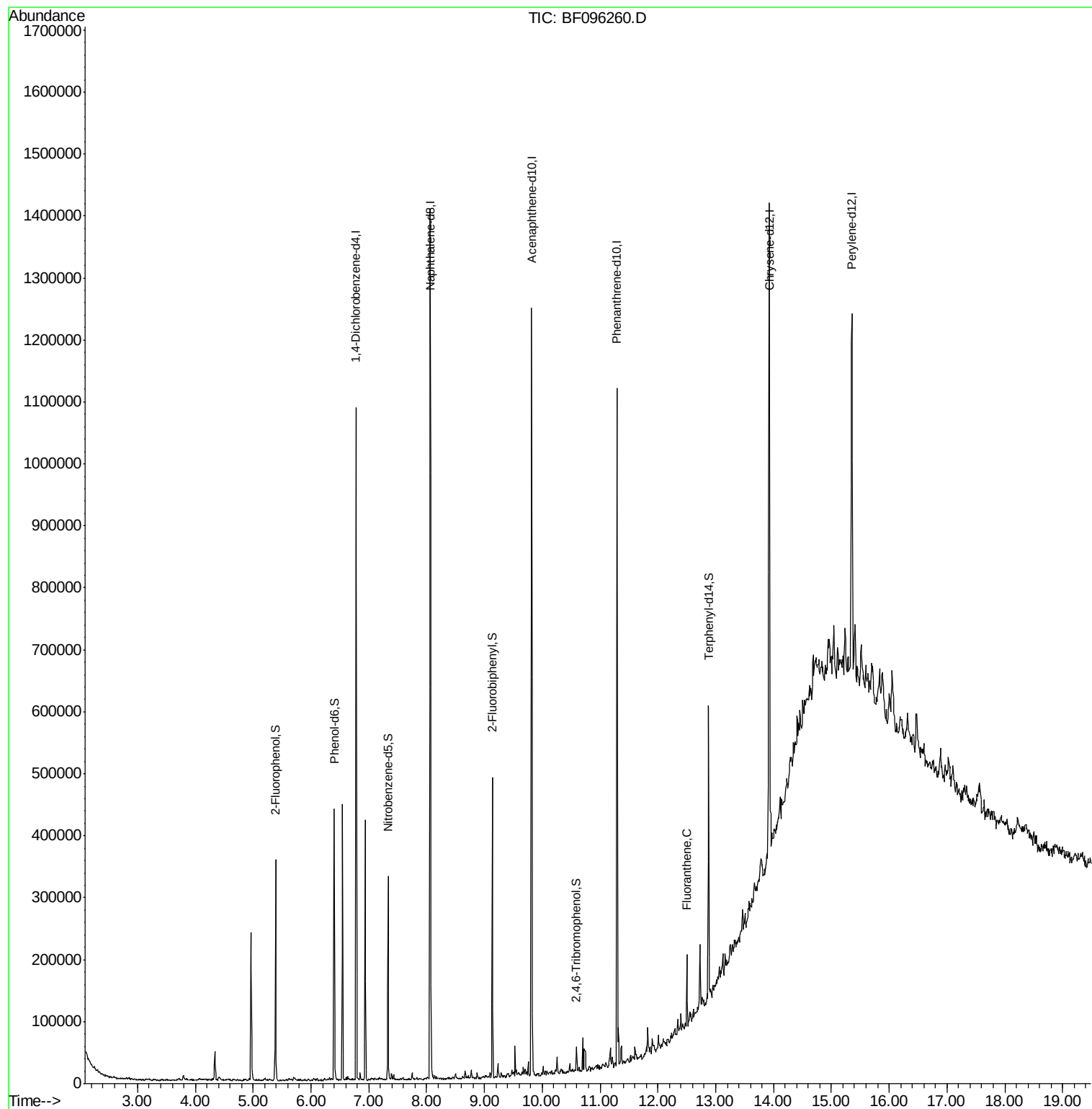
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	142868	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	570604	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	219508	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	363047	20.00	ng	0.00
75) Chrysene-d12	13.93	240	365003	20.00	ng	0.01
86) Perylene-d12	15.36	264	265242	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	88037	8.88	ng	0.00
7) Phenol-d6	6.40	99	141818	11.81	ng	0.01
23) Nitrobenzene-d5	7.33	82	78596	9.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	4073	2.36	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	143651	11.98	ng	-0.01
78) Terphenyl-d14	12.87	244	122124	8.35	ng	0.00
Target Compounds						
74) Fluoranthene	12.50	202	40947	2.03	ng	Qvalue 99

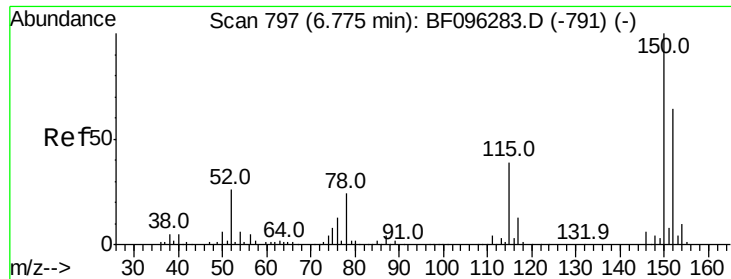
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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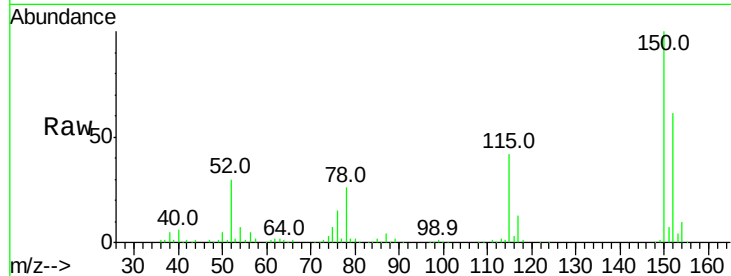


#1

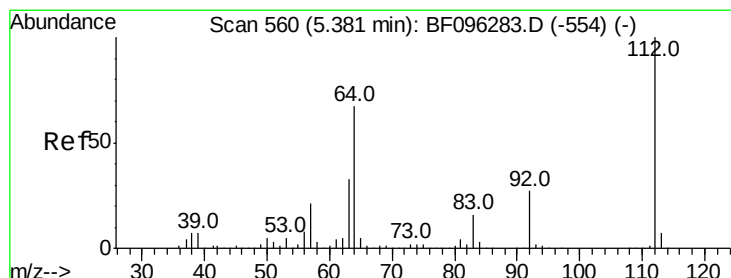
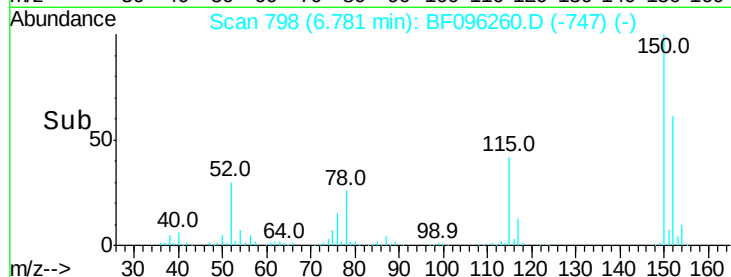
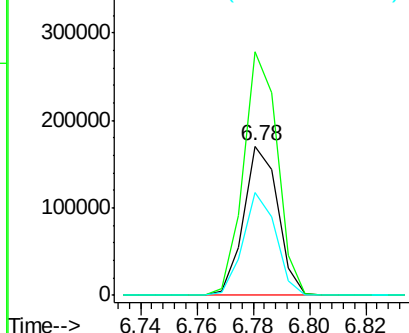
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096260.D
Acq: 28 Jun 2017 20:14

Instrument :
BNA_F
ClientSampleId :
G-48-0-1.5

Tot Ion:152 Resp: 142868
Ion Ratio Lower Upper
152 100
150 163.5 126.2 189.2
115 69.4 52.2 78.2



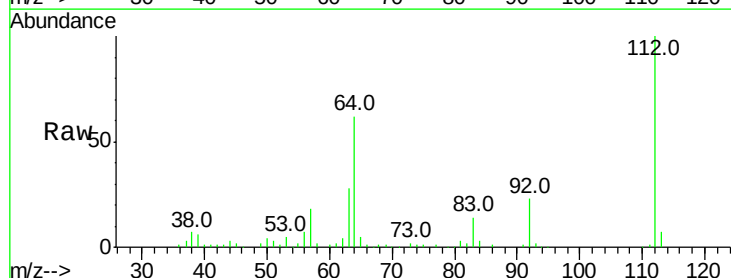
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



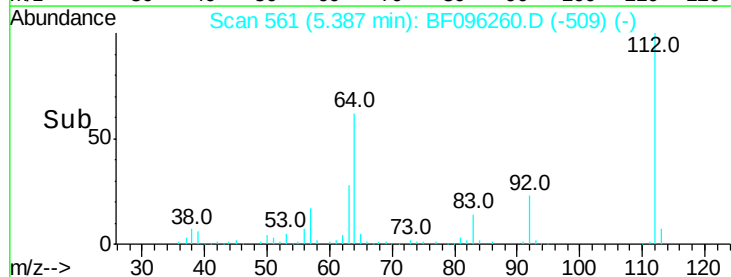
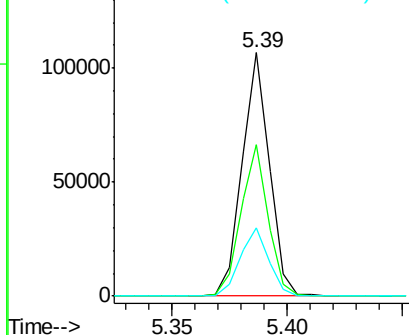
#5

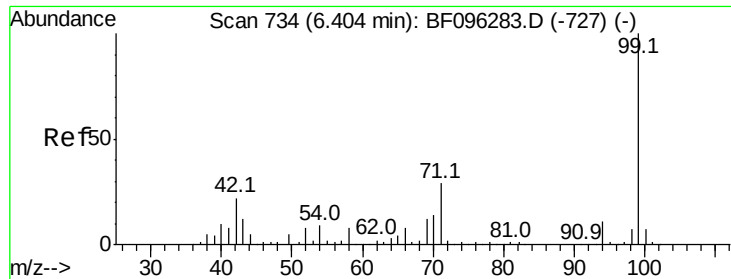
2-Fluorophenol
Concen: 8.88 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096260.D
Acq: 28 Jun 2017 20:14

Tgt Ion:112 Resp: 88037
Ion Ratio Lower Upper
112 100
64 62.0 46.0 69.0
63 27.8 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: 11.81 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096260.D

Acq: 28 Jun 2017 20:14

Instrument :

BNA_F

ClientSampleId :

G-48-0-1.5

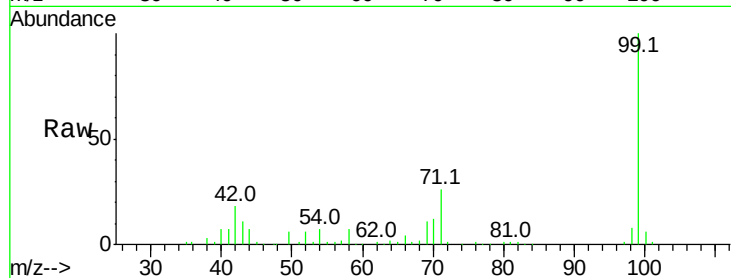
Tot Ion: 99 Resp: 141818

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

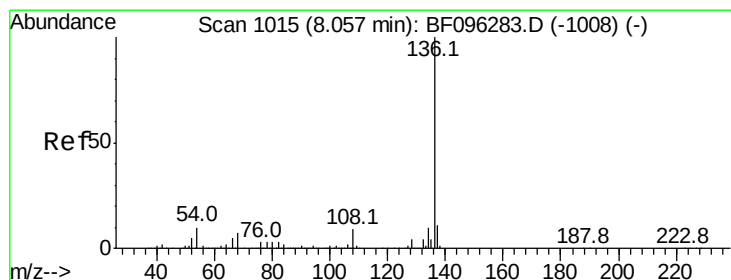
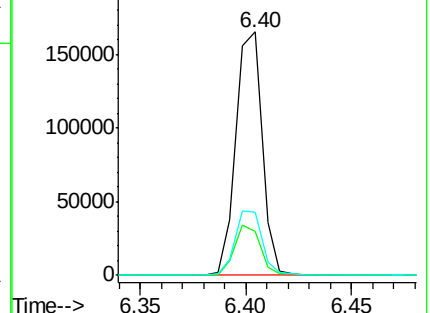
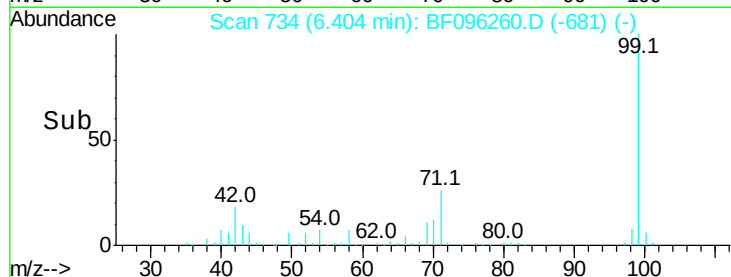
71 25.8 24.5 36.7



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: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096260.D

Acq: 28 Jun 2017 20:14

Tgt Ion: 136 Resp: 570604

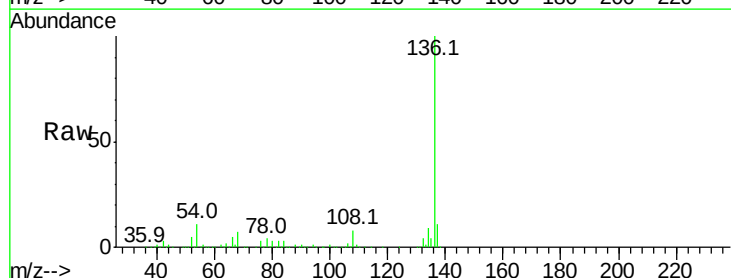
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 11.3 4.9 7.3#

68 7.0 4.1 6.1#

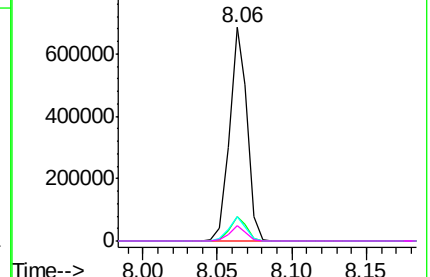
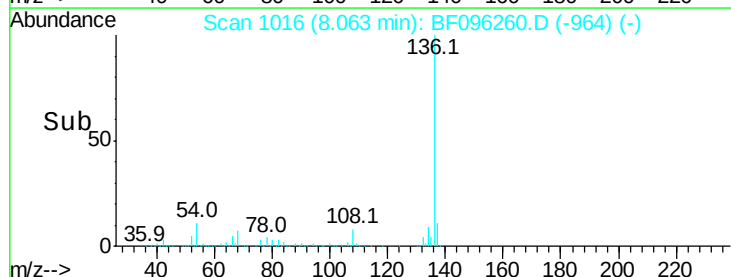


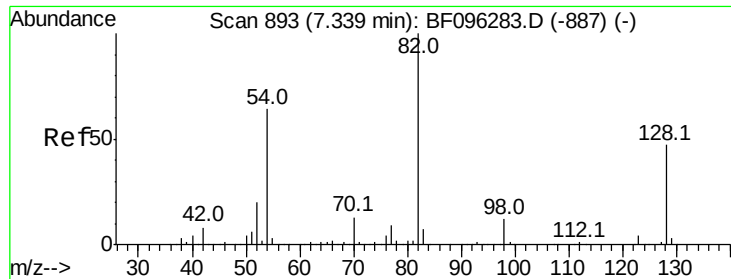
Abundance Ion 136.00 (135.70 to 136.70): E

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

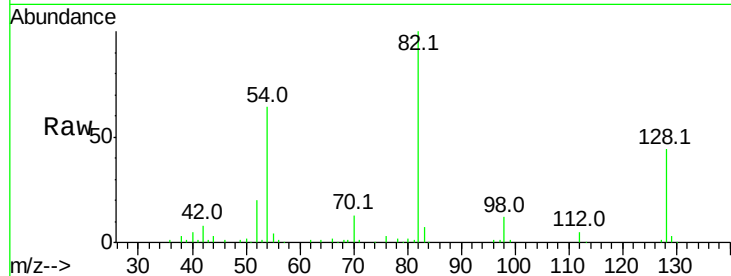




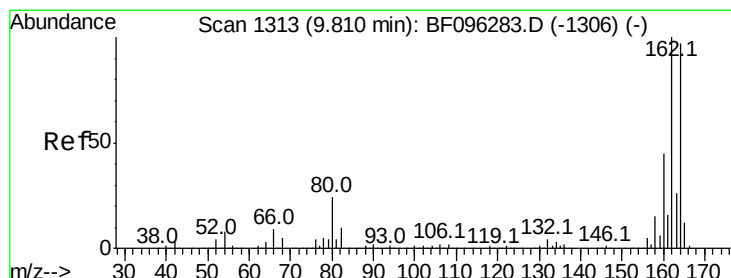
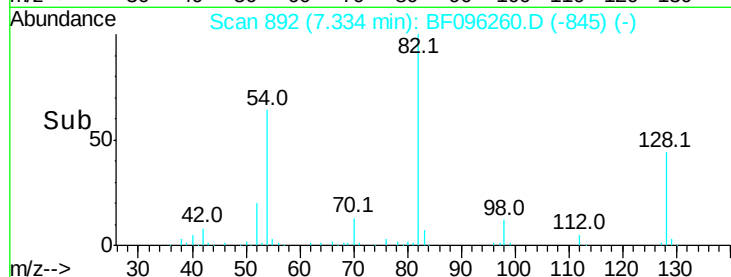
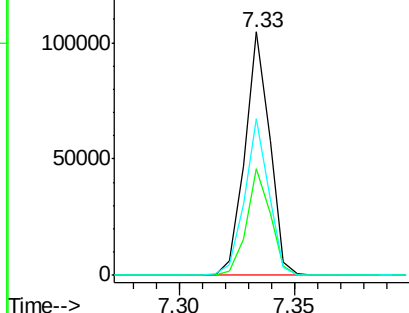
#23
 Nitrobenzene-d5
 Concen: 9.54 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF096260.D
 Acq: 28 Jun 2017 20:14

Instrument :
 BNA_F
 ClientSampled :
 G-48-0-1.5

Tot Ion	82	Resp	78596
Ion Ratio	Lower	Upper	
82	100		
128	43.9	34.0	51.0
54	64.5	42.2	63.2#

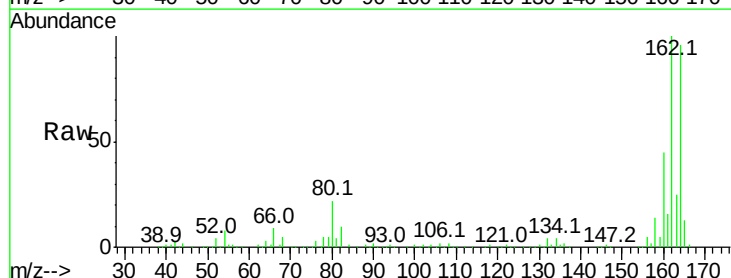


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

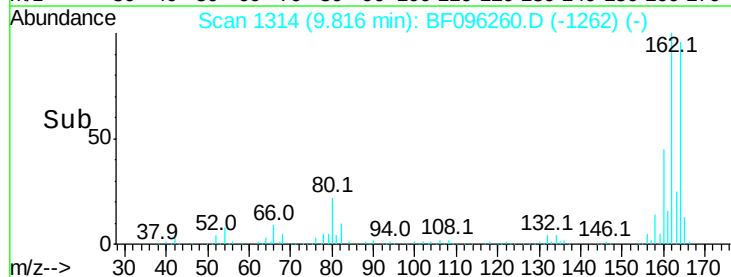
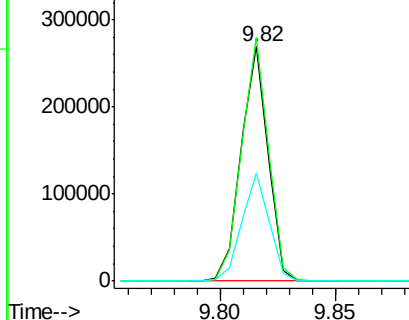


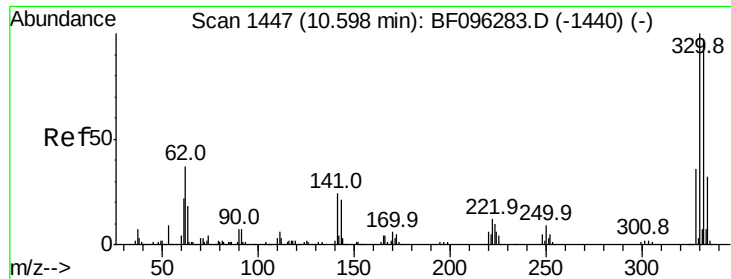
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF096260.D
 Acq: 28 Jun 2017 20:14

Tgt Ion	164	Resp	219508
Ion Ratio	Lower	Upper	
164	100		
162	103.8	82.6	123.8
160	46.3	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

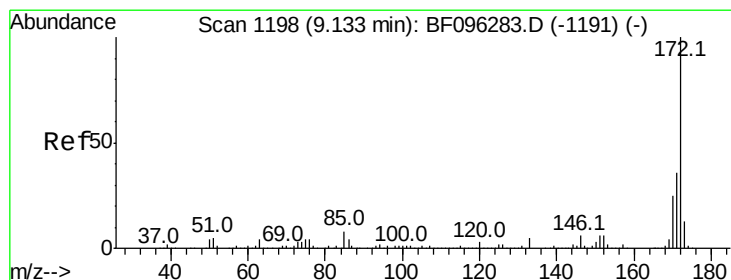
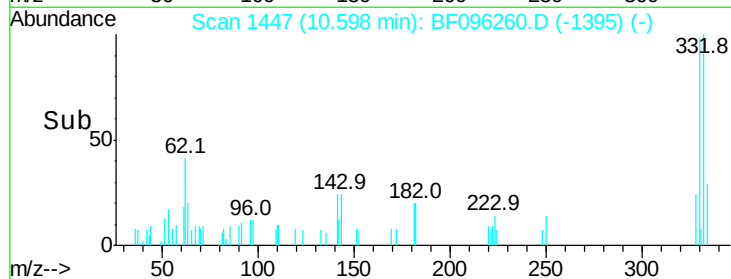
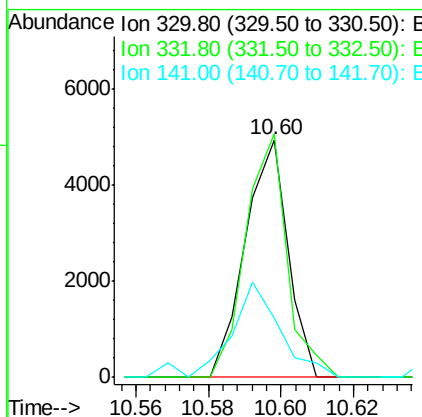
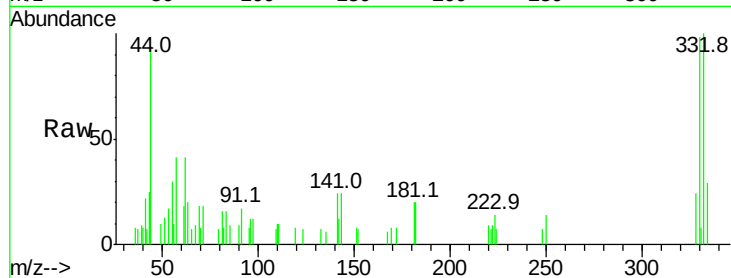




#41
 2,4,6-Tribromophenol
 Concen: 2.36 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096260.D
 Acq: 28 Jun 2017 20:14

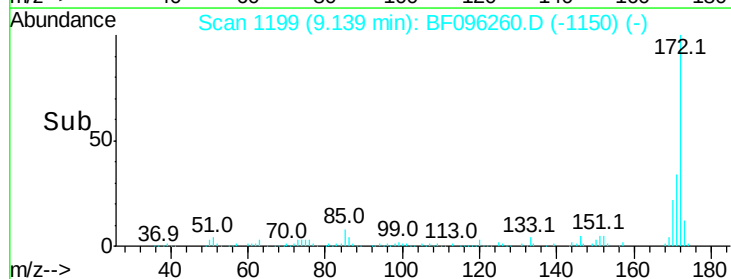
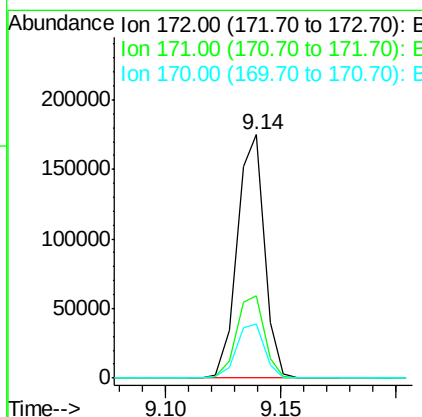
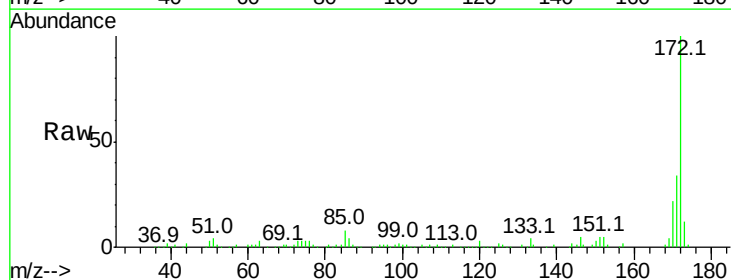
Instrument :
 BNA_F
 ClientSampleId :
 G-48-0-1.5

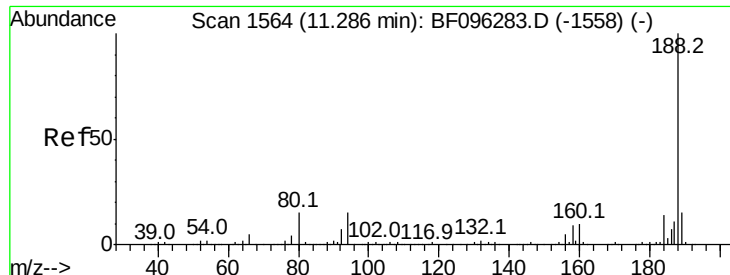
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.6	115.0
141	46.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 11.98 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096260.D
 Acq: 28 Jun 2017 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.6	44.4
170	22.1	19.8	29.8

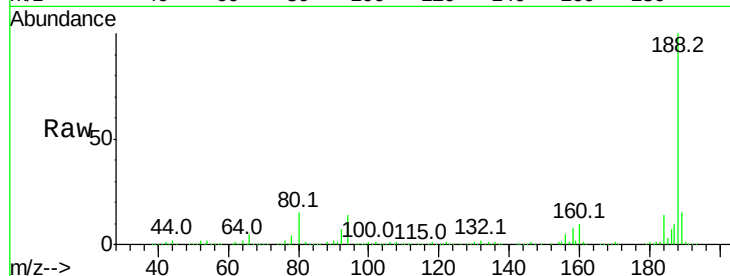




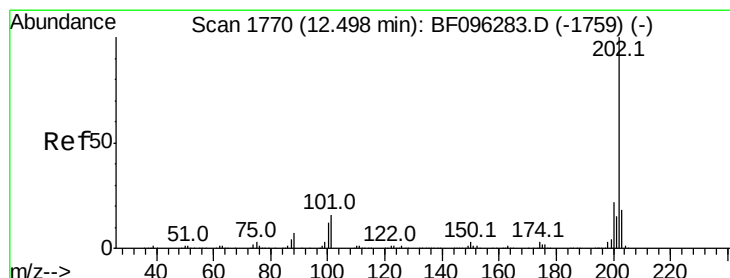
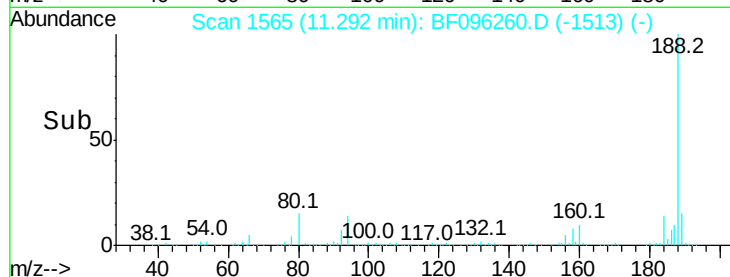
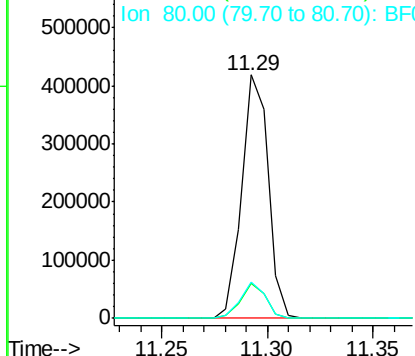
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096260.D
Acq: 28 Jun 2017 20:14

Instrument :
BNA_F
ClientSampled :
G-48-0-1.5

Tot Ion:188 Resp: 363047
Ion Ratio Lower Upper
188 100
94 14.2 9.4 14.2#
80 15.0 10.2 15.2

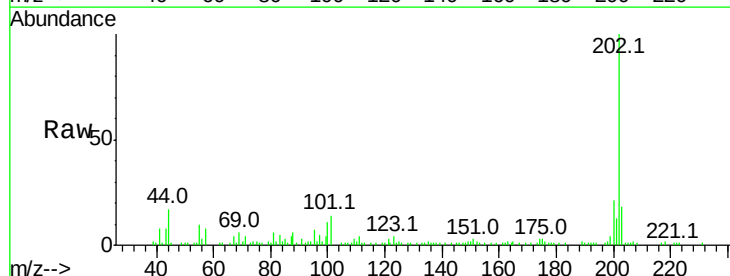


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

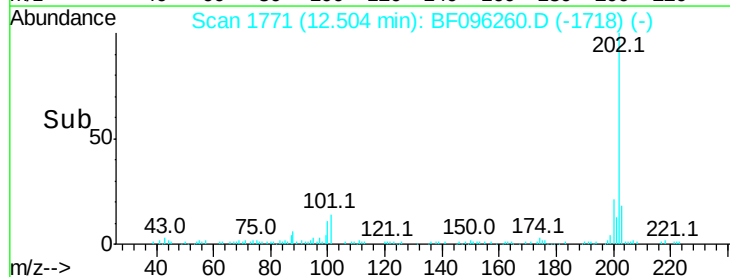
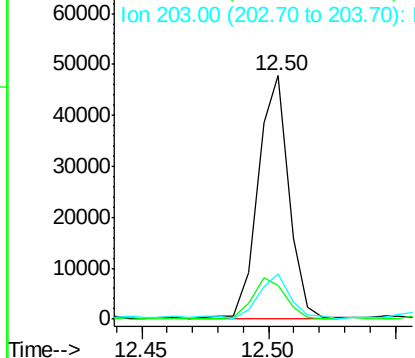


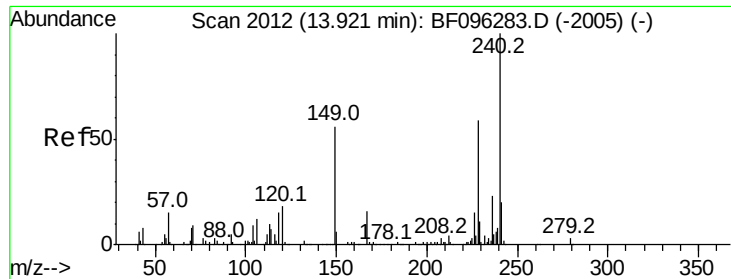
#74
Fluoranthene
Concen: 2.03 ng
RT: 12.50 min Scan# 1771
Delta R.T. 0.01 min
Lab File: BF096260.D
Acq: 28 Jun 2017 20:14

Tgt Ion:202 Resp: 40947
Ion Ratio Lower Upper
202 100
101 14.1 0.0 33.2
203 18.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF096260.D

Acq: 28 Jun 2017 20:14

Instrument :

BNA_F

ClientSampleId :

G-48-0-1.5

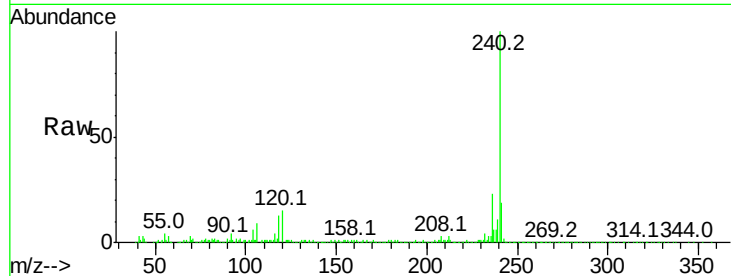
Tot Ion:240 Resp: 365003

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

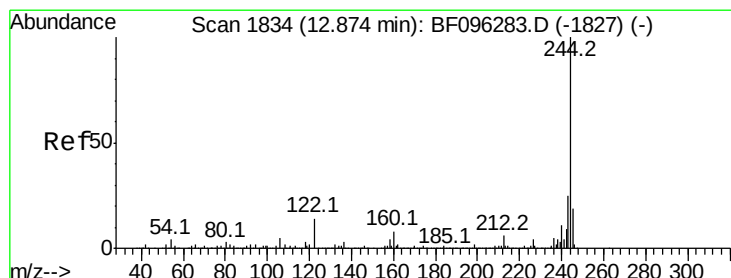
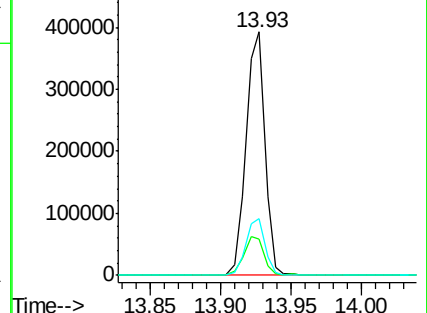
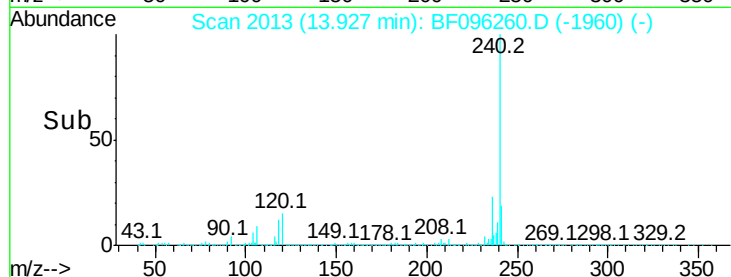
236 23.4 20.5 30.7



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: 8.35 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096260.D

Acq: 28 Jun 2017 20:14

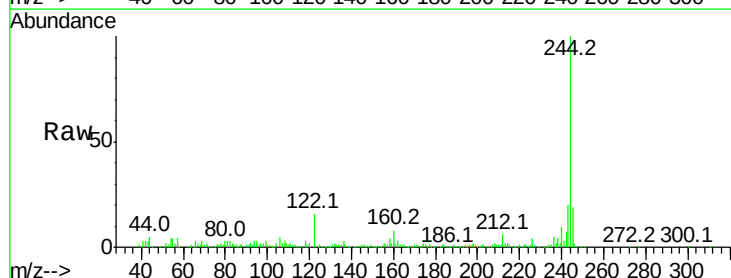
Tgt Ion:244 Resp: 122124

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

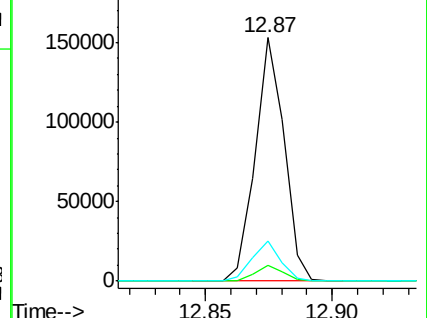
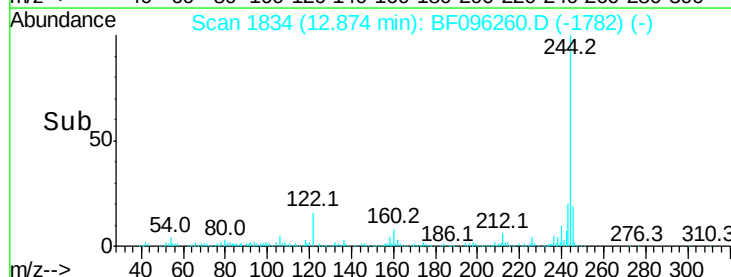
122 16.3 10.3 15.5#

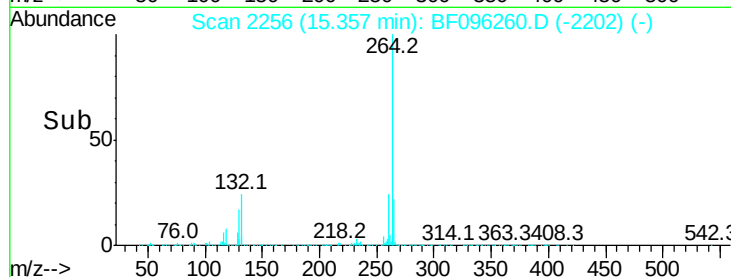
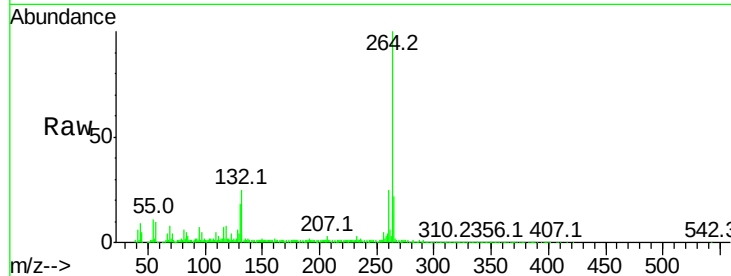
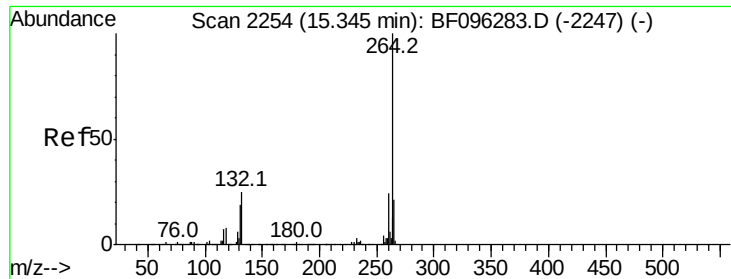


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 2256

Delta R.T. 0.02 min

Lab File: BF096260.D

Acq: 28 Jun 2017 20:14

Instrument :

BNA_F

ClientSampleId :

G-48-0-1.5

Tot Ion:264 Resp: 265242

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 22.1 17.2 25.8

