

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096258.D
 Acq On : 28 Jun 2017 19:19
 Operator : SJ/MA
 Sample : I3852-11 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-39-0-1.5

Quant Time: Jun 29 04:49:36 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	145897	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	560332	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	215200	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	347335	20.00	ng	0.00
75) Chrysene-d12	13.93	240	361835	20.00	ng	0.01
86) Perylene-d12	15.35	264	281923	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	74930	7.40	ng	0.00
7) Phenol-d6	6.40	99	132725	10.82	ng	0.00
23) Nitrobenzene-d5	7.33	82	71132	8.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	2698	1.59	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	133359	11.35	ng	-0.01
78) Terphenyl-d14	12.87	244	107845	7.44	ng	0.00

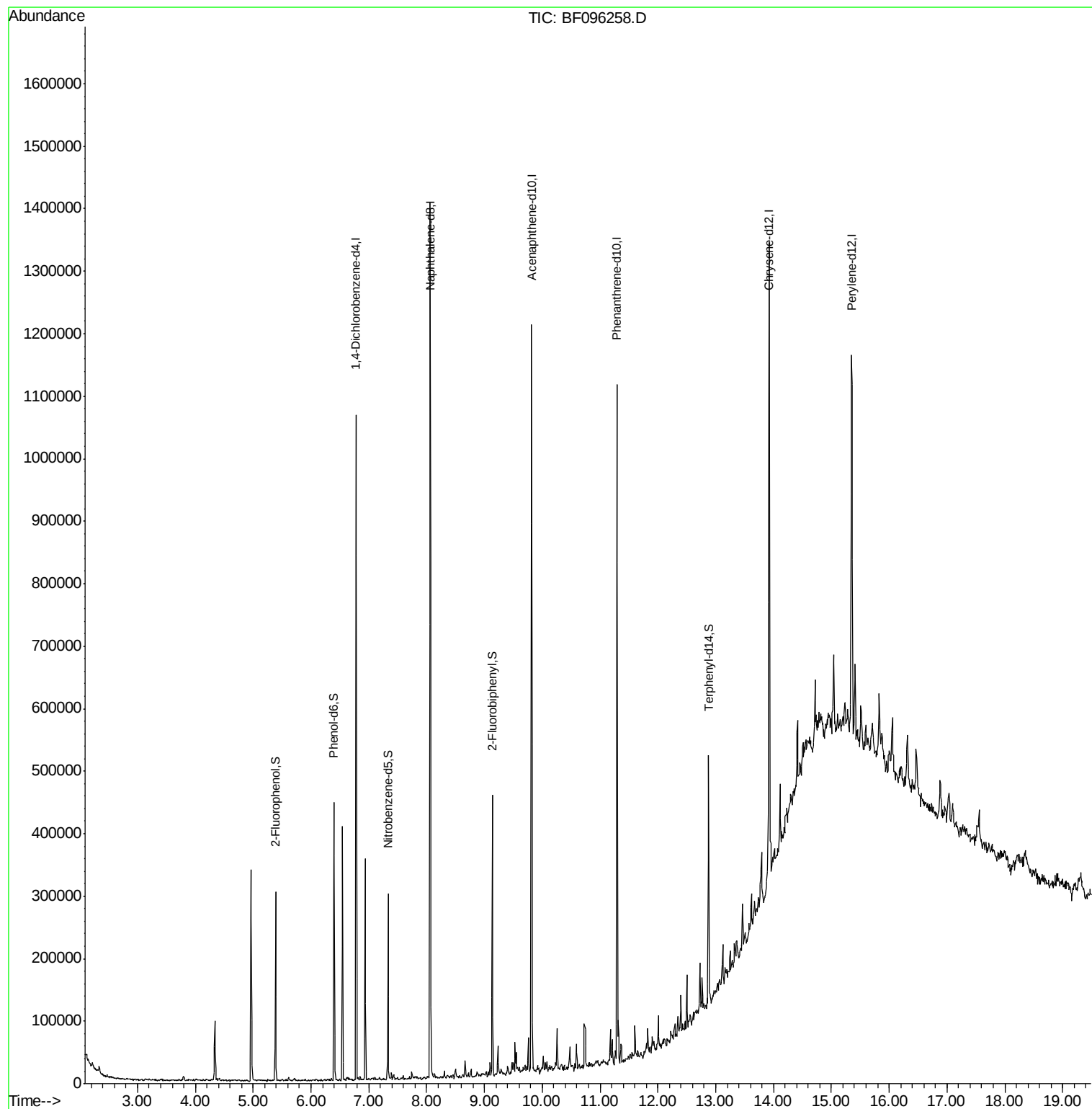
Target Compounds Qvalue

(#) = 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: BF096258.D

Acq: 28 Jun 2017 19:19

Instrument :

BNA_F

ClientSampleId :

G-39-0-1.5

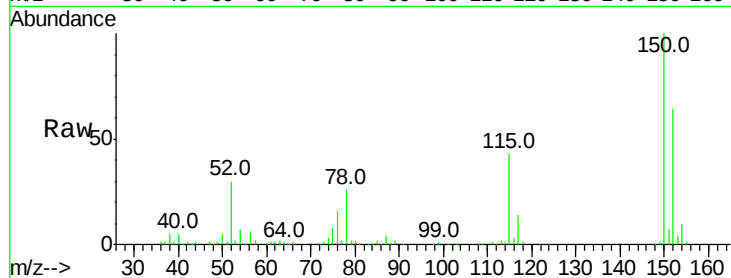
Tot Ion:152 Resp: 145897

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

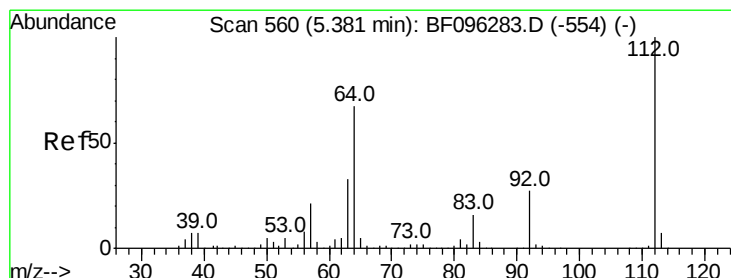
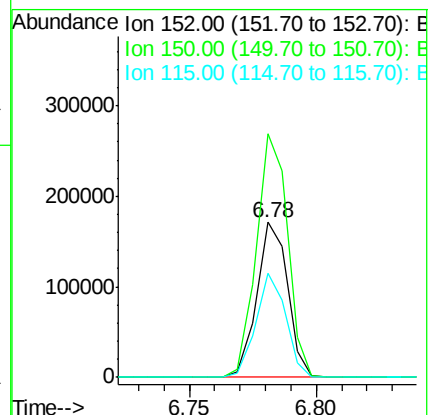
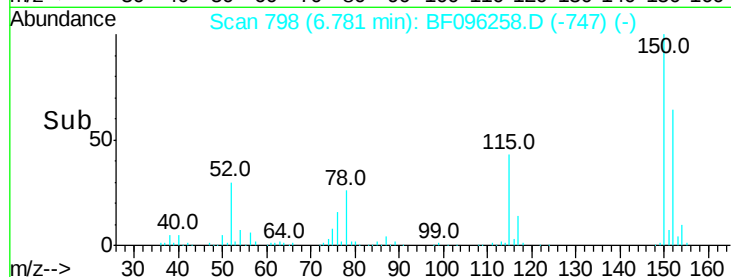
115 67.1 52.2 78.2



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: 7.40 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF096258.D

Acq: 28 Jun 2017 19:19

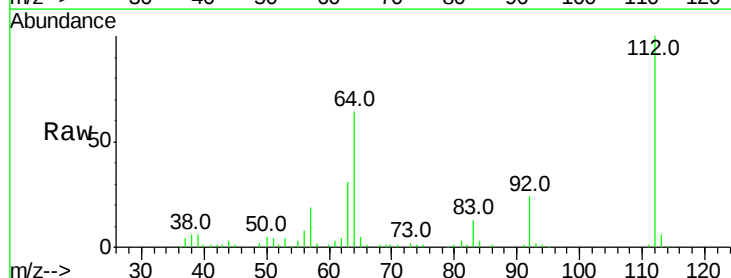
Tgt Ion:112 Resp: 74930

Ion Ratio Lower Upper

112 100

64 64.4 46.0 69.0

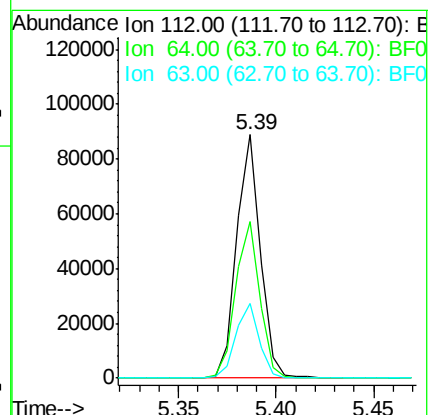
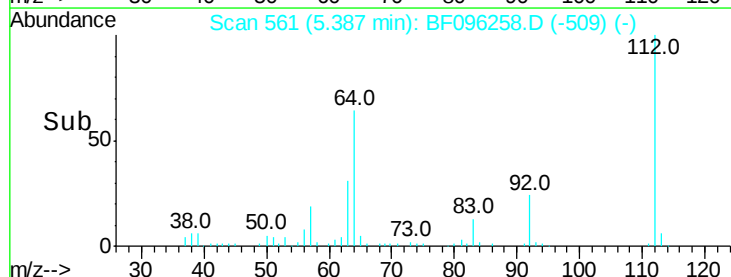
63 30.5 23.4 35.0

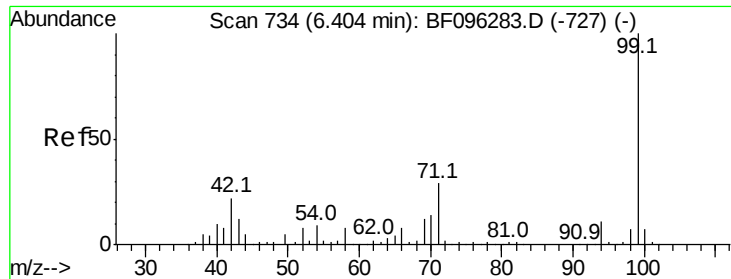


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 10.82 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096258.D

Acq: 28 Jun 2017 19:19

Instrument :

BNA_F

ClientSampleId :

G-39-0-1.5

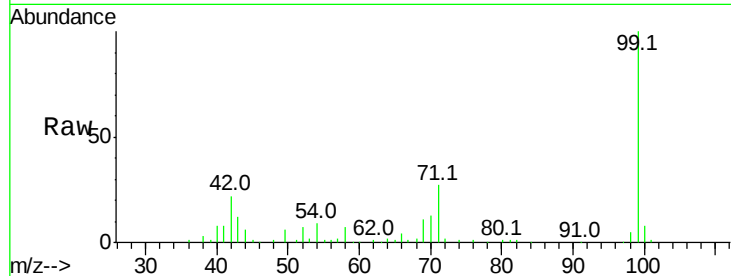
Tot Ion: 99 Resp: 132725

Ion Ratio Lower Upper

99 100

42 21.7 13.5 20.3#

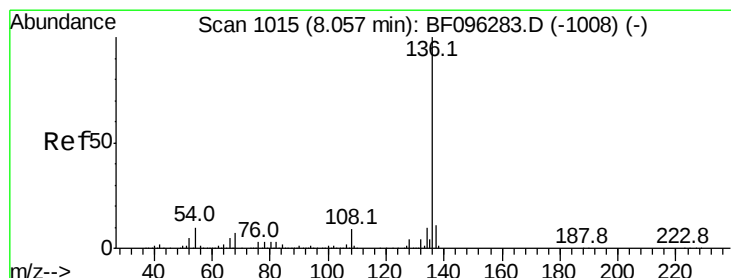
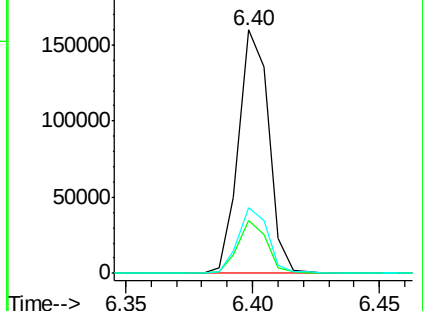
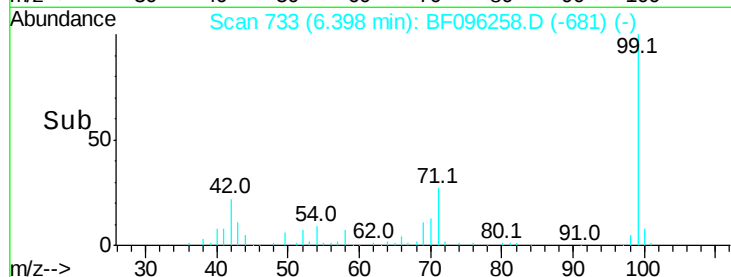
71 27.2 24.5 36.7



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: BF096258.D

Acq: 28 Jun 2017 19:19

Tgt Ion: 136 Resp: 560332

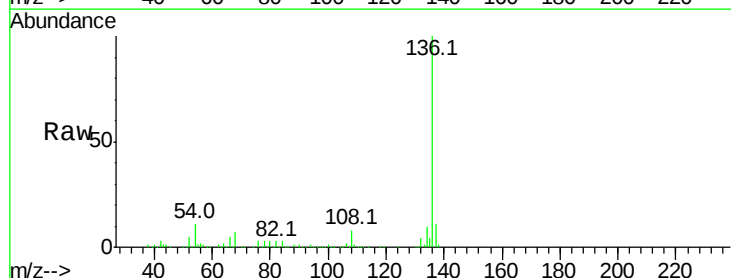
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.8 4.9 7.3#

68 7.0 4.1 6.1#

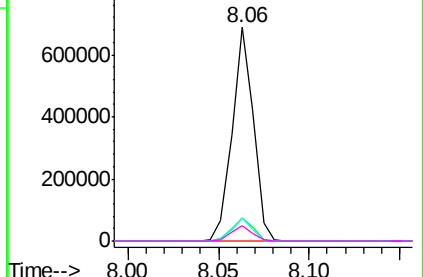
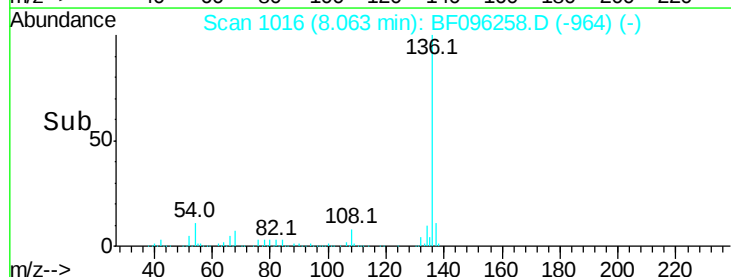


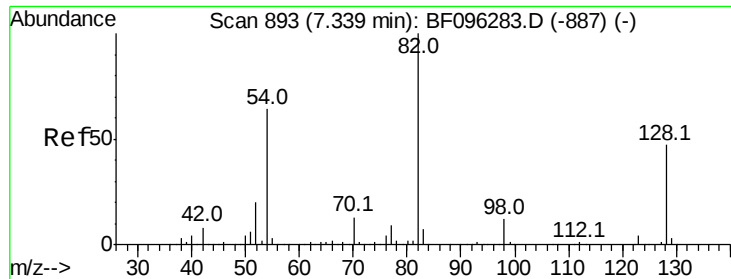
Abundance Ion 136.00 (135.70 to 136.70): E

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

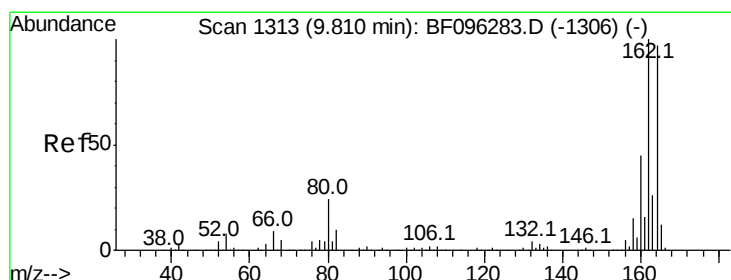
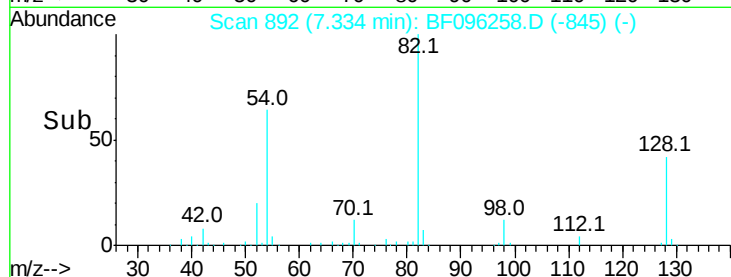
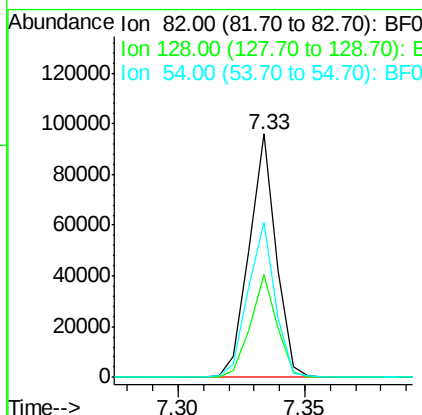
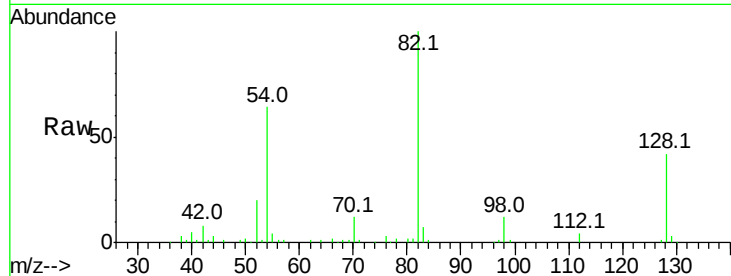




#23
Nitrobenzene-d5
Concen: 8.79 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF096258.D
Acq: 28 Jun 2017 19:19

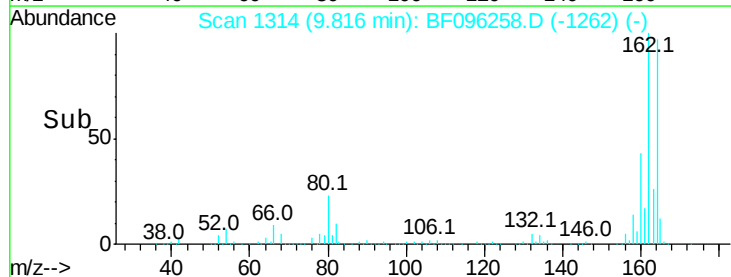
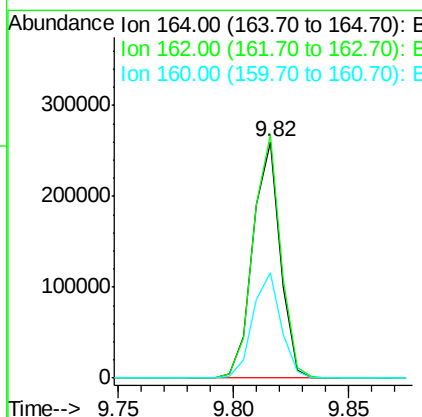
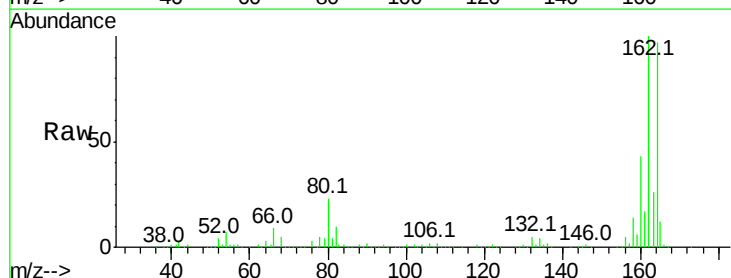
Instrument :
BNA_F
ClientSampleId :
G-39-0-1.5

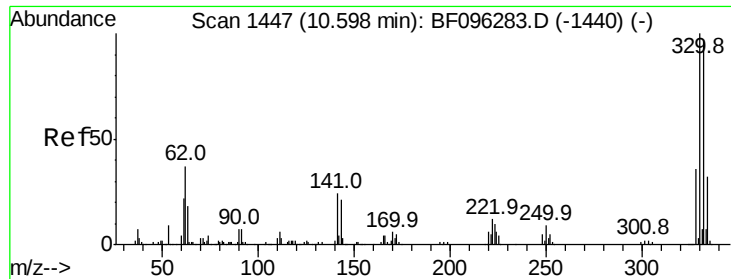
Tot Ion: 82 Resp: 71132
Ion Ratio Lower Upper
82 100
128 42.3 34.0 51.0
54 63.7 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096258.D
Acq: 28 Jun 2017 19:19

Tgt Ion:164 Resp: 215200
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 44.3 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 1.59 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF096258.D

Acq: 28 Jun 2017 19:19

Instrument :

BNA_F

ClientSampleId :

G-39-0-1.5

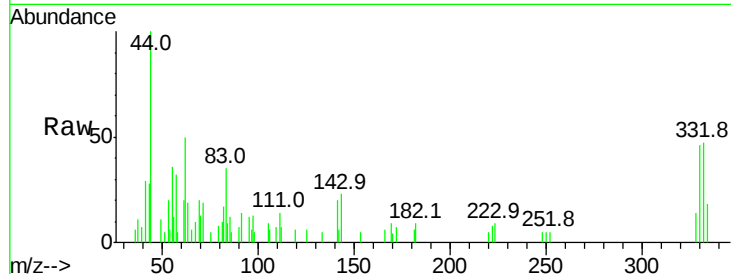
Tot Ion:330 Resp: 2698

Ion Ratio Lower Upper

330 100

332 91.1 76.6 115.0

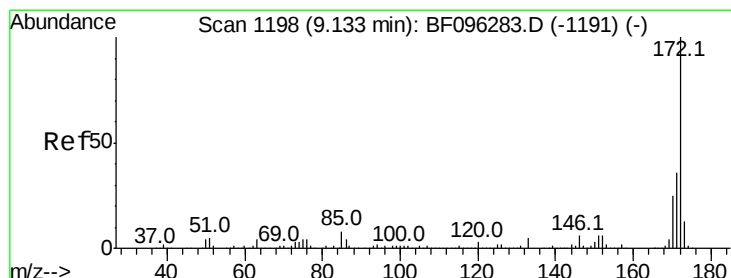
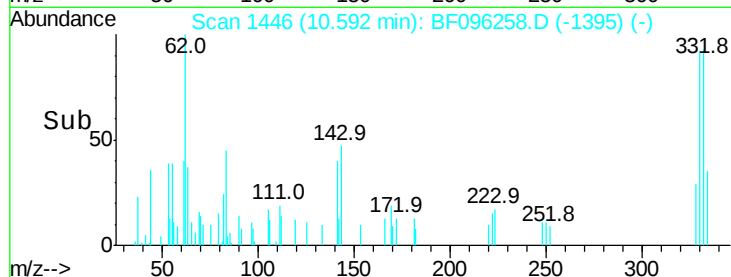
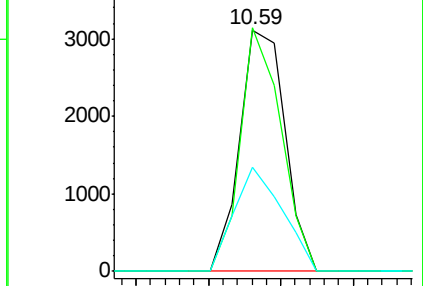
141 46.3 31.4 47.2



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: 11.35 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF096258.D

Acq: 28 Jun 2017 19:19

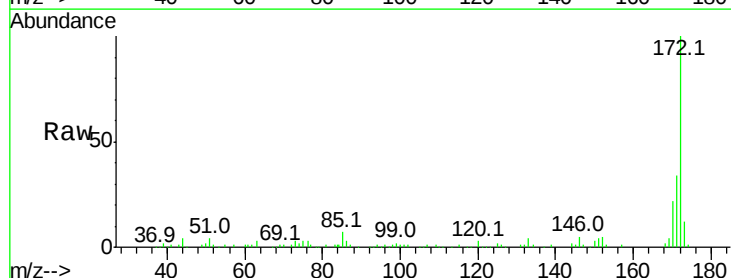
Tgt Ion:172 Resp: 133359

Ion Ratio Lower Upper

172 100

171 34.2 29.6 44.4

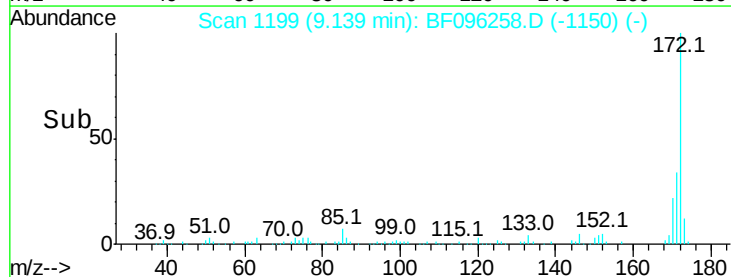
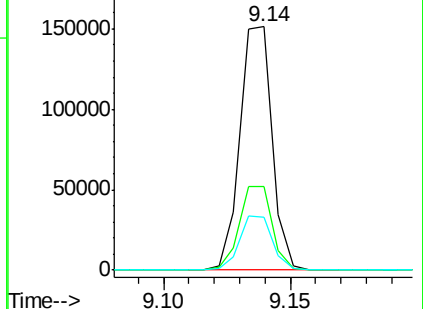
170 21.9 19.8 29.8

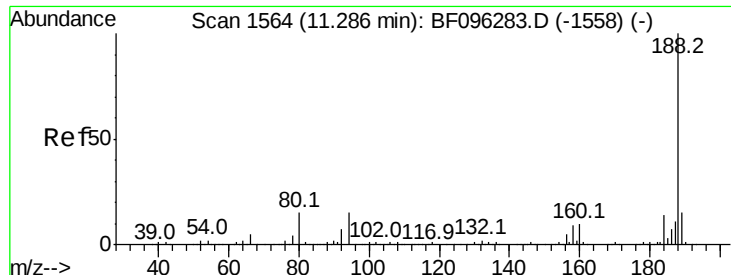


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

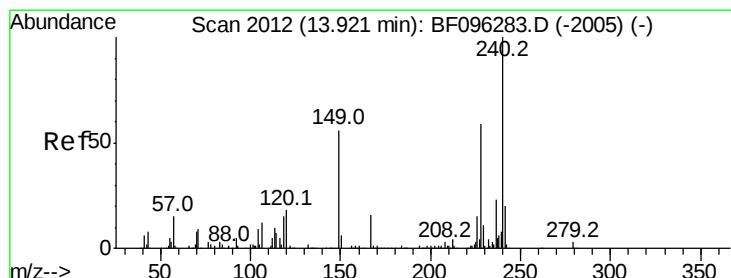
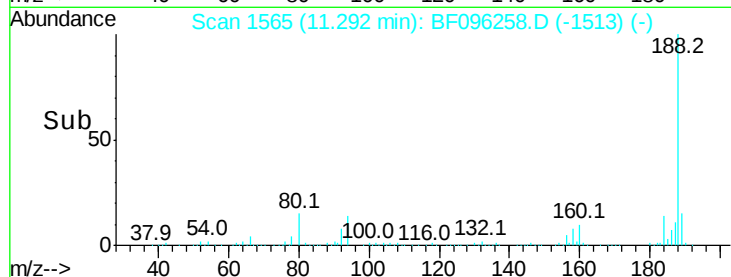
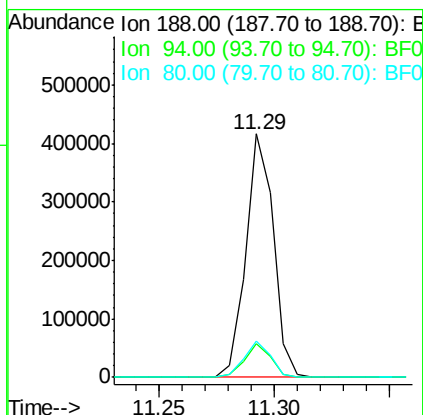
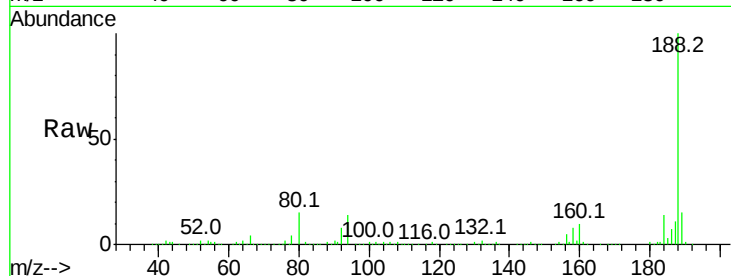




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096258.D
Acq: 28 Jun 2017 19:19

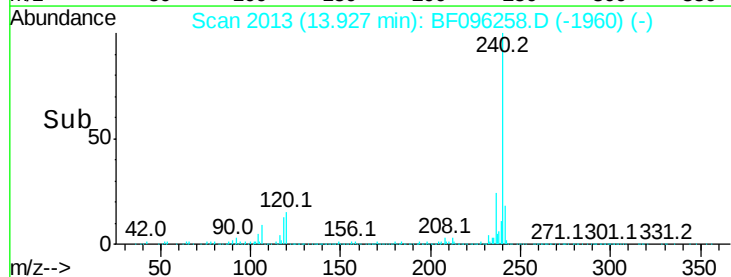
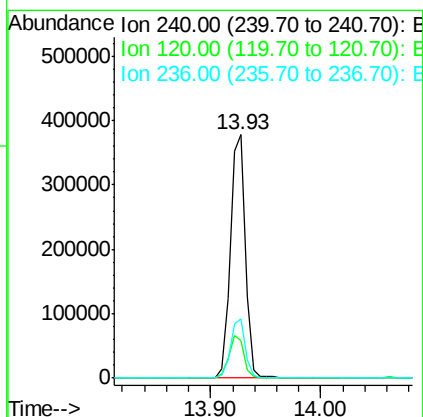
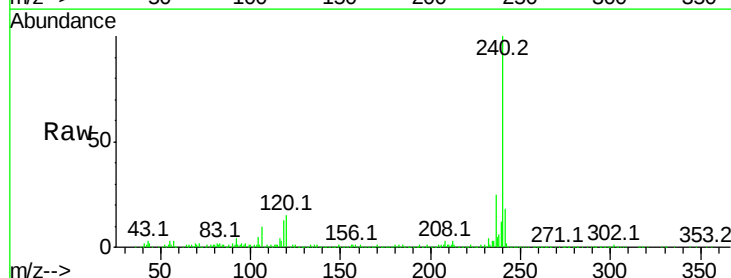
Instrument :
BNA_F
ClientSampled :
G-39-0-1.5

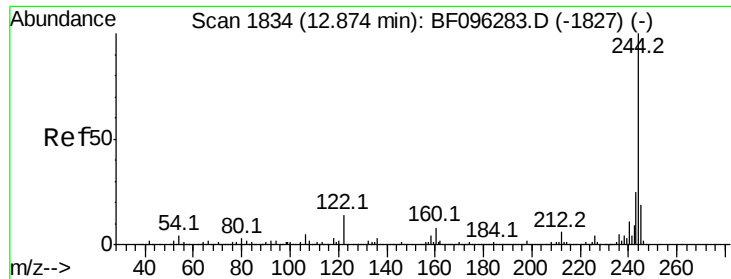
Tot Ion:188 Resp: 347335
Ion Ratio Lower Upper
188 100
94 13.8 9.4 14.2
80 14.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF096258.D
Acq: 28 Jun 2017 19:19

Tgt Ion:240 Resp: 361835
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 24.6 20.5 30.7





#78

Terphenyl-d14

Concen: 7.44 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096258.D

Acq: 28 Jun 2017 19:19

Instrument :

BNA_F

ClientSampleId :

G-39-0-1.5

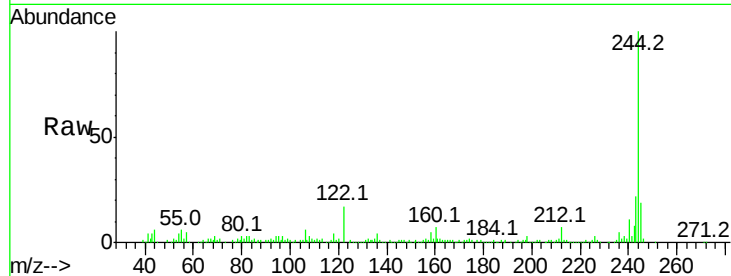
Tot Ion:244 Resp: 107845

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

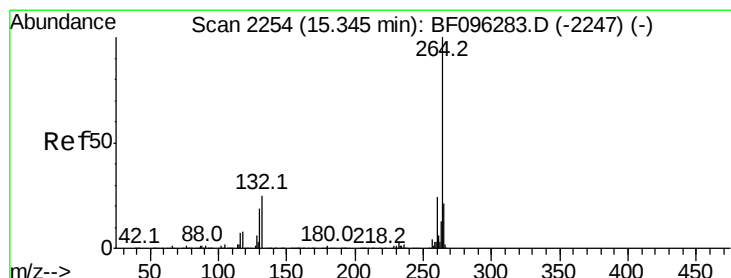
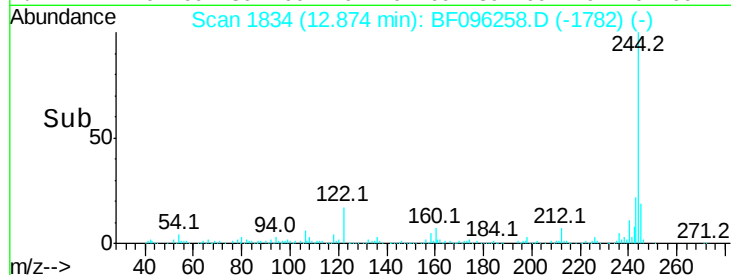
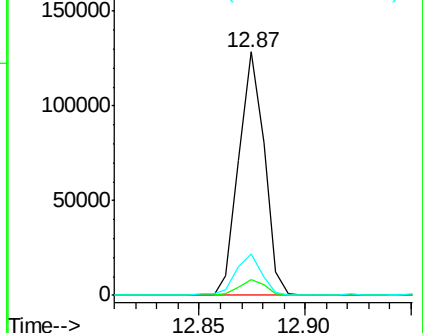
122 16.8 10.3 15.5#



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: 15.35 min Scan# 2255

Delta R.T. 0.01 min

Lab File: BF096258.D

Acq: 28 Jun 2017 19:19

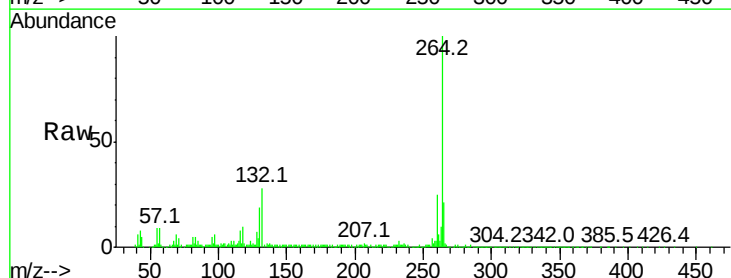
Tgt Ion:264 Resp: 281923

Ion Ratio Lower Upper

264 100

260 24.7 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

