

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096235.D
 Acq On : 28 Jun 2017 00:02
 Operator : SJ/MA
 Sample : I3851-12 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-35-1.5-3

Quant Time: Jun 28 16:43:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	215799	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	848547	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	319240	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	493363	20.00	ng	0.00
75) Chrysene-d12	13.92	240	372030	20.00	ng	0.00
86) Perylene-d12	15.35	264	267444	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	73806	4.93	ng	0.00
7) Phenol-d6	6.40	99	91969	5.07	ng	0.00
23) Nitrobenzene-d5	7.33	82	41703	3.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	10368	4.13	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	86516	4.96	ng	-0.02
78) Terphenyl-d14	12.87	244	56847	3.81	ng	0.00

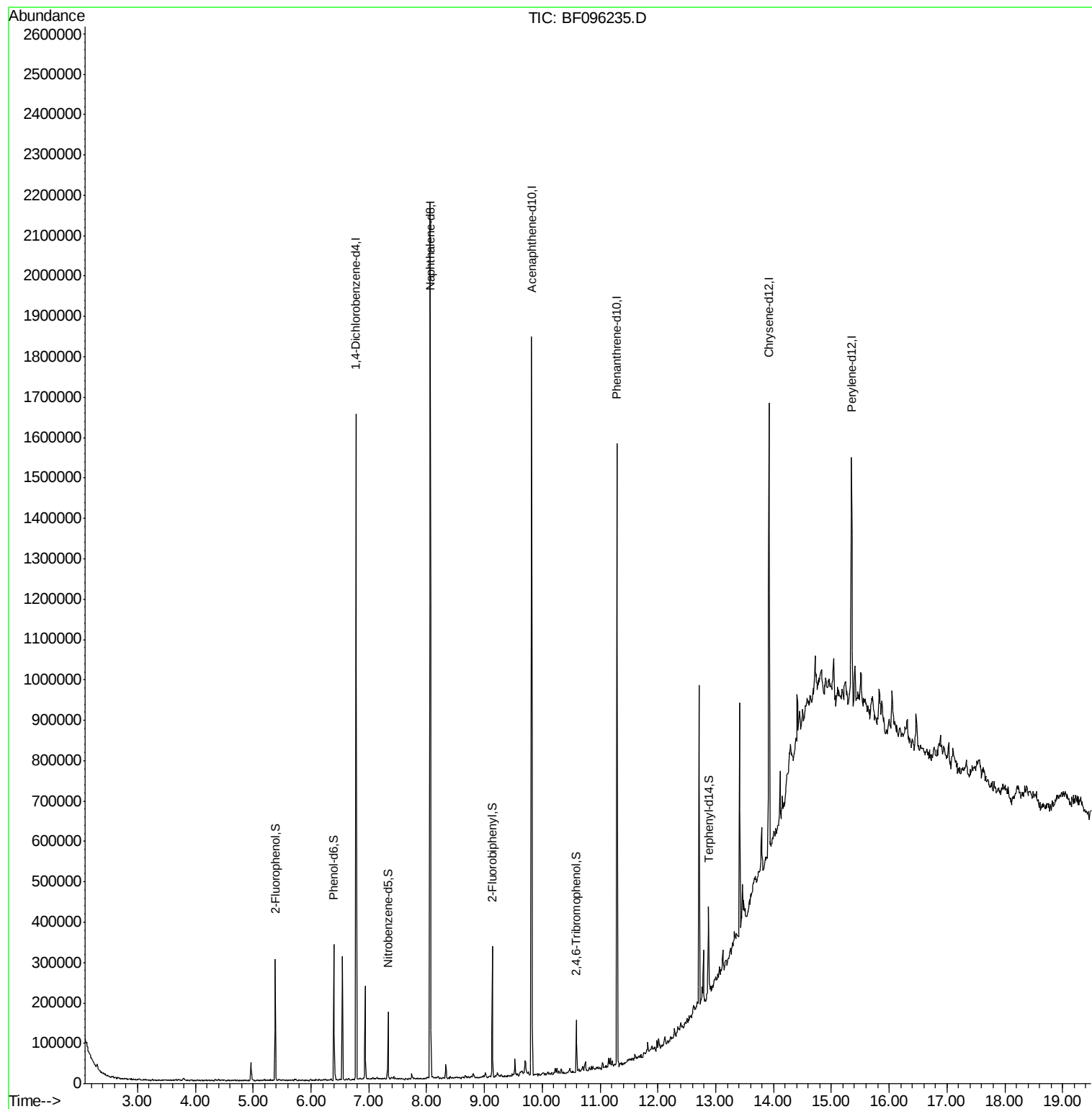
Target Compounds Qvalue

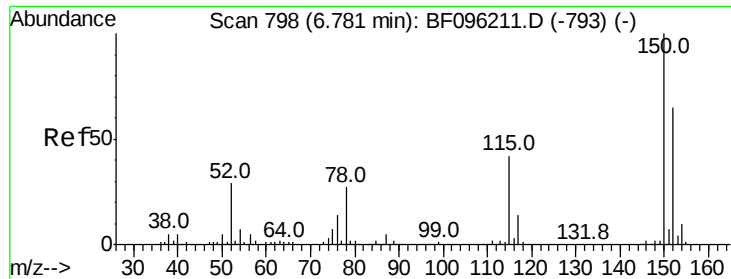
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF096235.D

Acq: 28 Jun 2017 00:02

Instrument :

BNA_F

ClientSampleId :

G-35-1.5-3

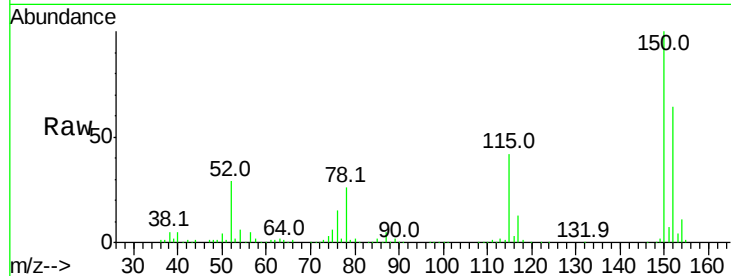
Tot Ion:152 Resp: 215799

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

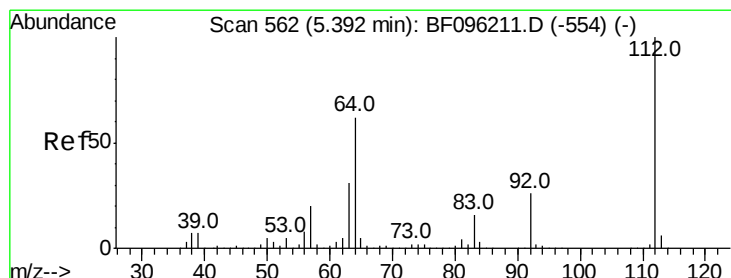
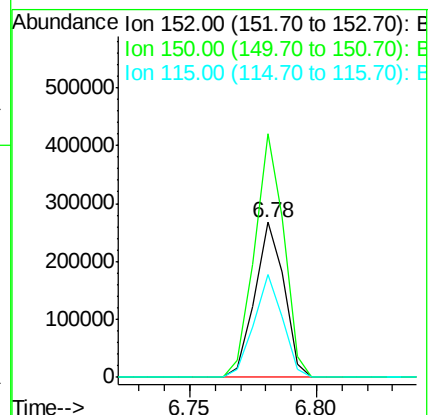
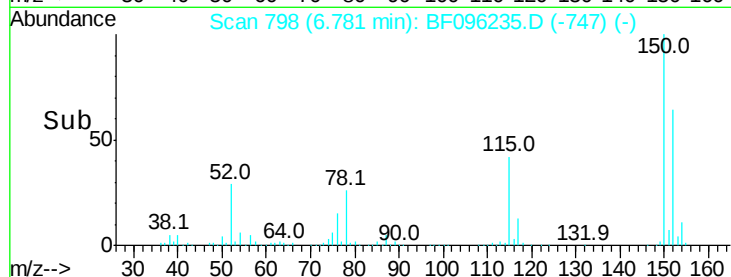
115 66.3 52.2 78.2



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: 4.93 ng

RT: 5.38 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF096235.D

Acq: 28 Jun 2017 00:02

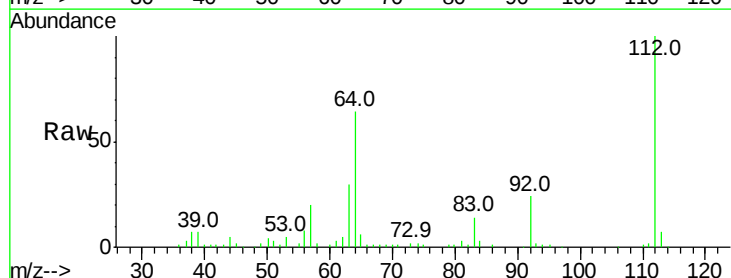
Tgt Ion:112 Resp: 73806

Ion Ratio Lower Upper

112 100

64 64.3 46.0 69.0

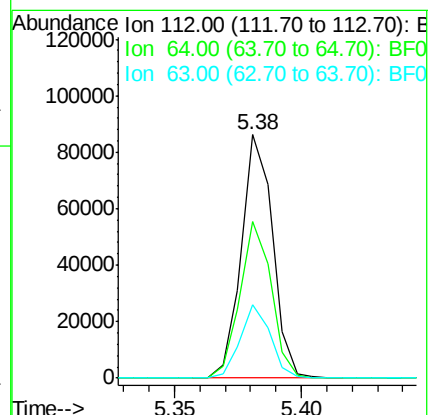
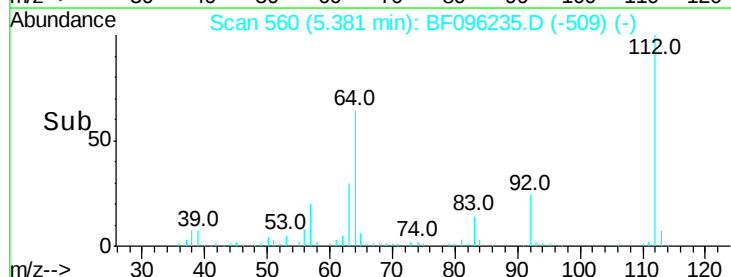
63 30.2 23.4 35.0

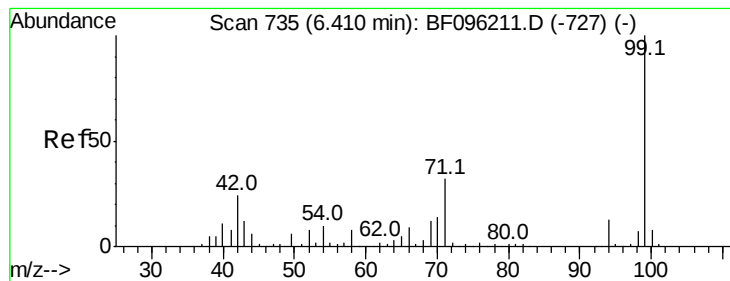


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 5.07 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096235.D

Acq: 28 Jun 2017 00:02

Instrument :

BNA_F

ClientSampleId :

G-35-1.5-3

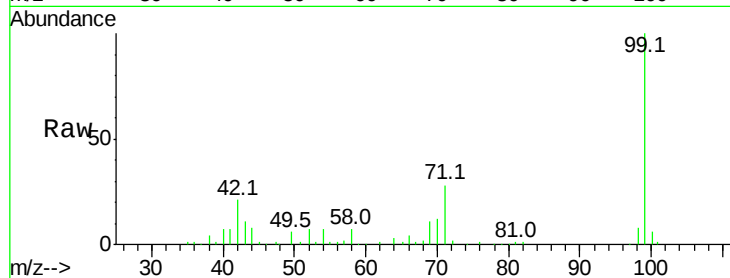
Tot Ion: 99 Resp: 91969

Ion Ratio Lower Upper

99 100

42 20.5 13.5 20.3#

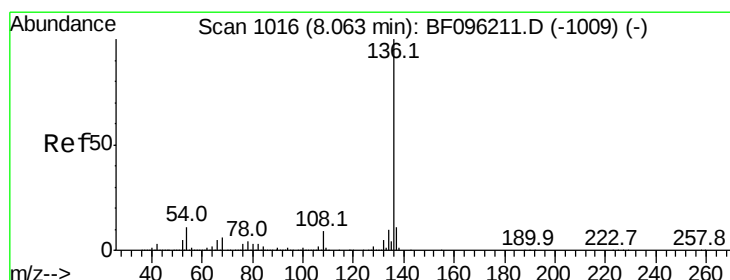
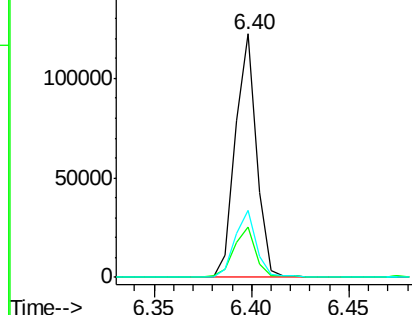
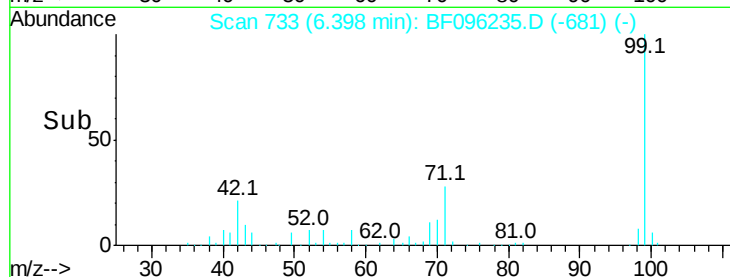
71 27.7 24.5 36.7



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: BF096235.D

Acq: 28 Jun 2017 00:02

Tgt Ion: 136 Resp: 848547

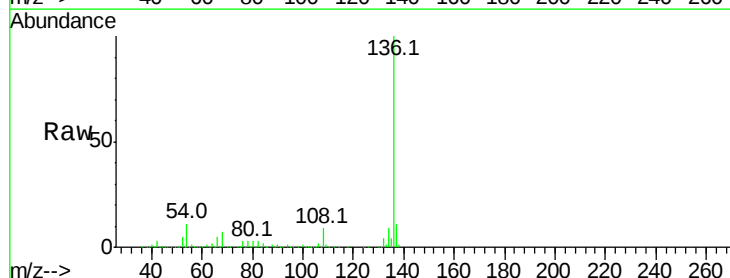
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.8 4.9 7.3#

68 6.8 4.1 6.1#

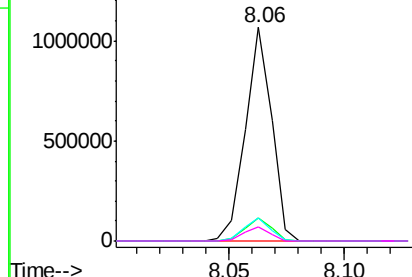
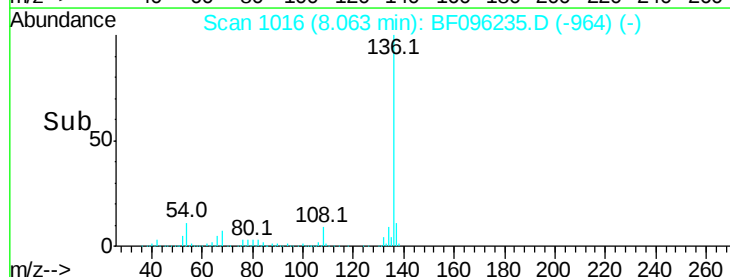


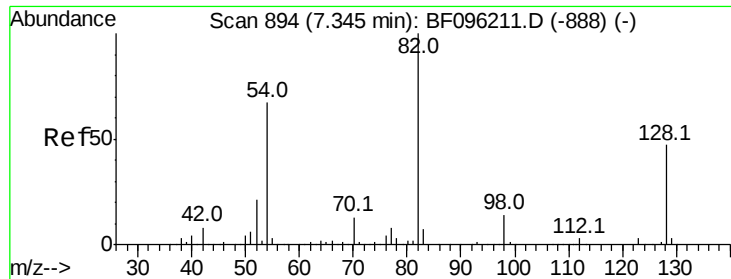
Abundance Ion 136.00 (135.70 to 136.70): E

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

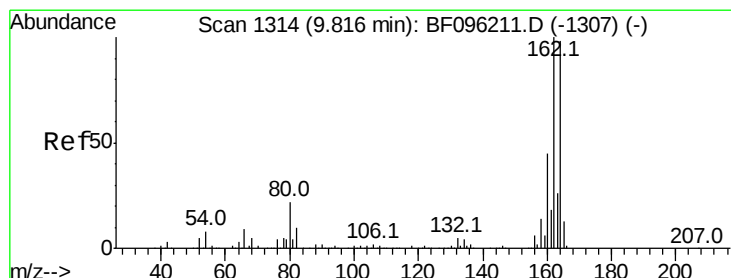
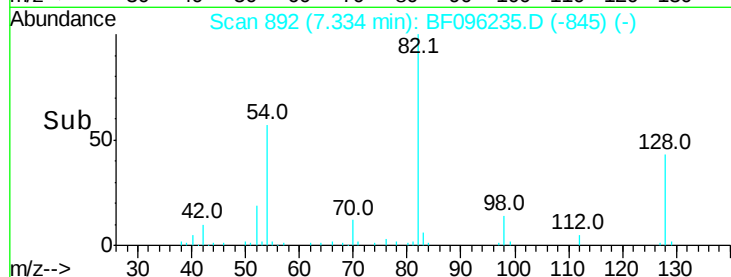
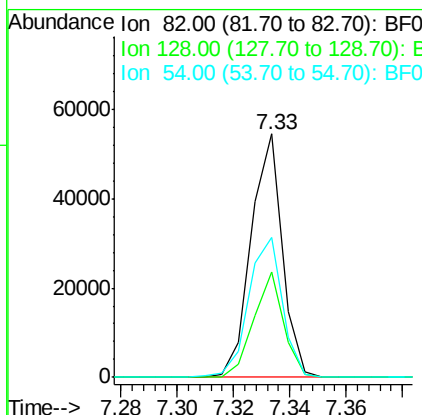
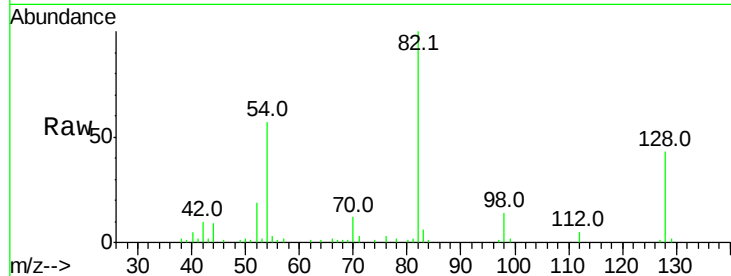




#23
 Nitrobenzene-d5
 Concen: 3.40 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF096235.D
 Acq: 28 Jun 2017 00:02

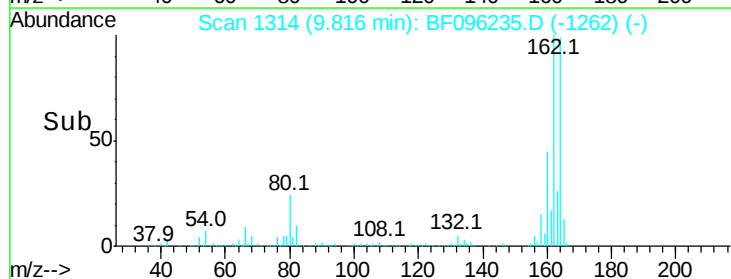
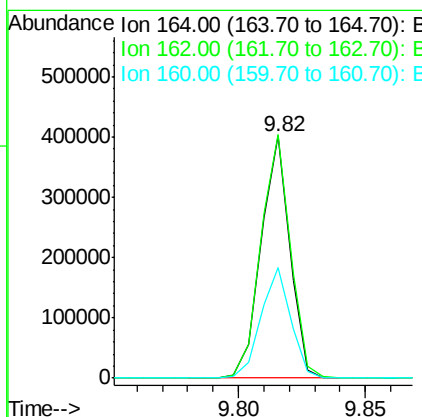
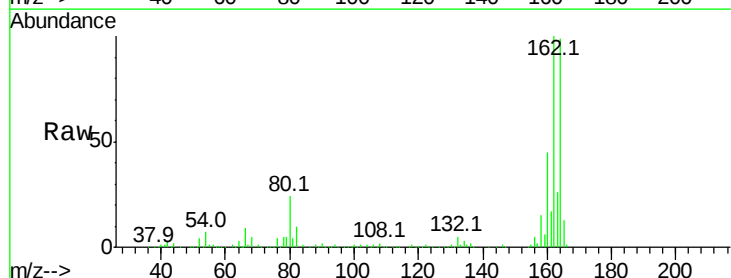
Instrument :
 BNA_F
 ClientSampleId :
 G-35-1.5-3

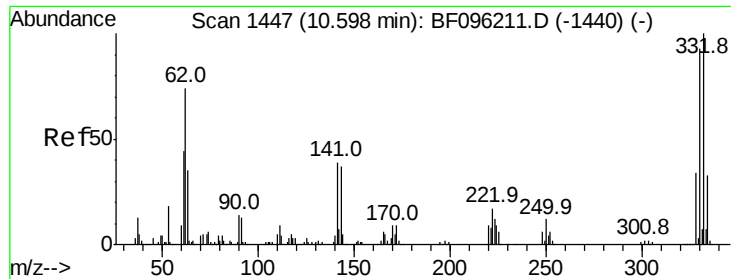
Tot Ion	82	Resp	41703
Ion Ratio	100	Lower	Upper
128	43.5	34.0	51.0
54	57.3	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF096235.D
 Acq: 28 Jun 2017 00:02

Tgt Ion	164	Resp	319240
Ion Ratio	100	Lower	Upper
162	100.6	82.6	123.8
160	45.7	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 4.13 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF096235.D

Acq: 28 Jun 2017 00:02

Instrument :

BNA_F

ClientSampleId :

G-35-1.5-3

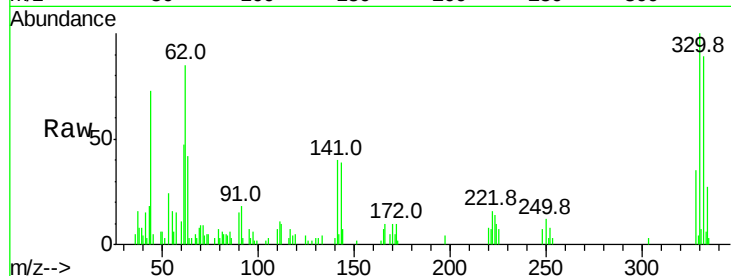
Tot Ion:330 Resp: 10368

Ion Ratio Lower Upper

330 100

332 94.6 76.6 115.0

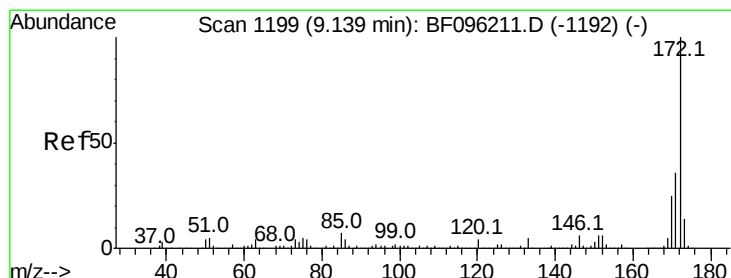
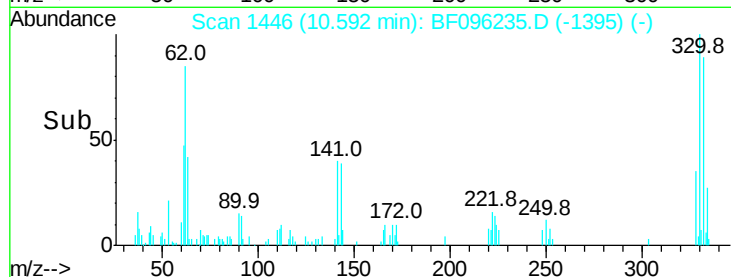
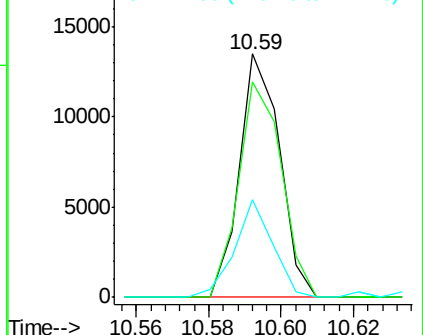
141 38.3 31.4 47.2



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: 4.96 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BF096235.D

Acq: 28 Jun 2017 00:02

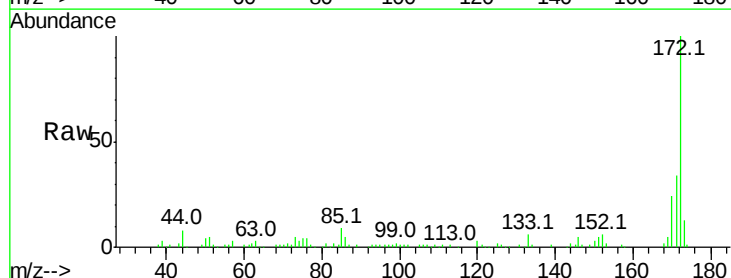
Tgt Ion:172 Resp: 86516

Ion Ratio Lower Upper

172 100

171 34.5 29.6 44.4

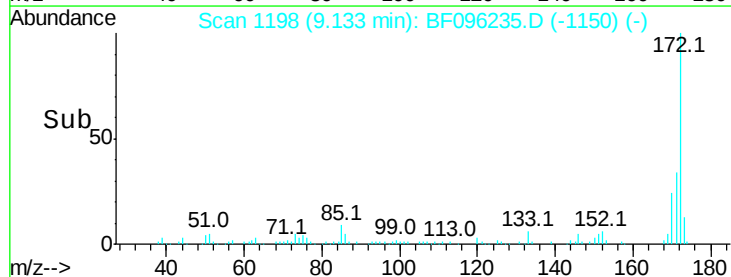
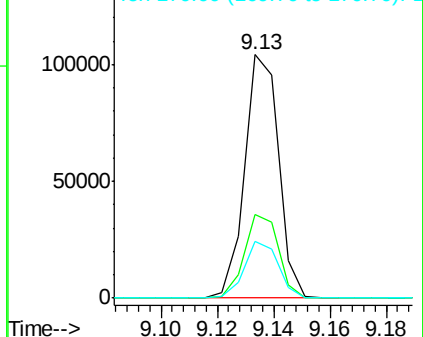
170 23.5 19.8 29.8

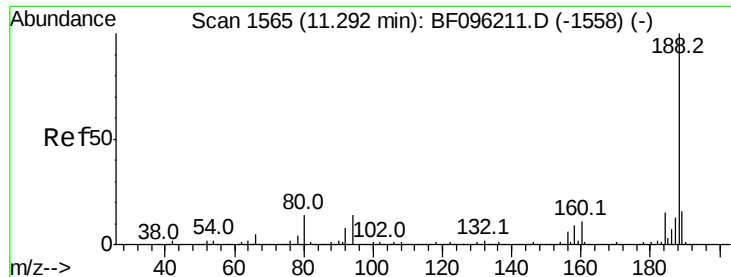


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

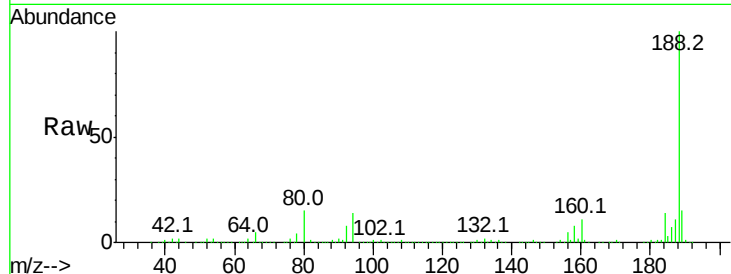




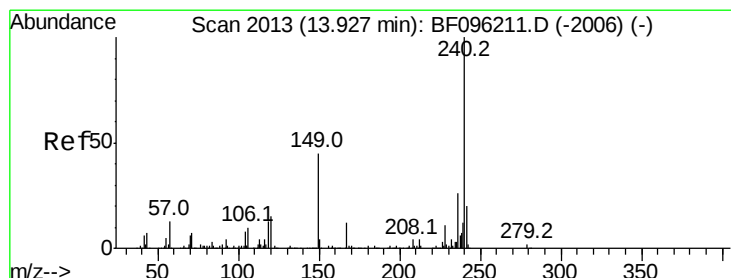
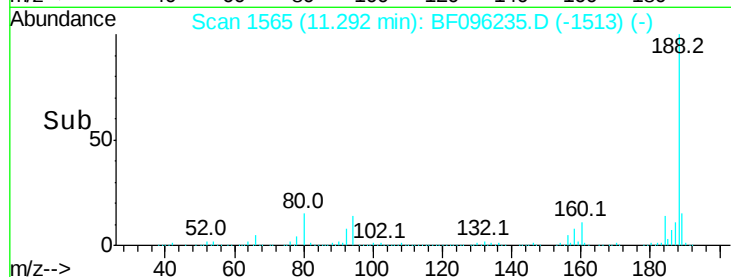
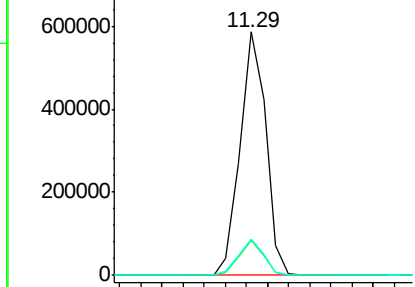
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096235.D
Acq: 28 Jun 2017 00:02

Instrument :
BNA_F
ClientSampleId :
G-35-1.5-3

Tot Ion	Ratio	Lower	Upper
188	100		
94	14.4	9.4	14.2#
80	14.7	10.2	15.2

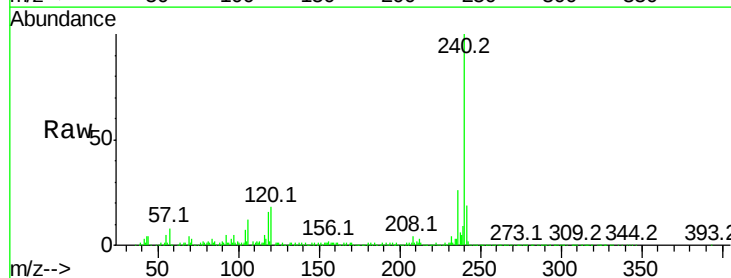


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

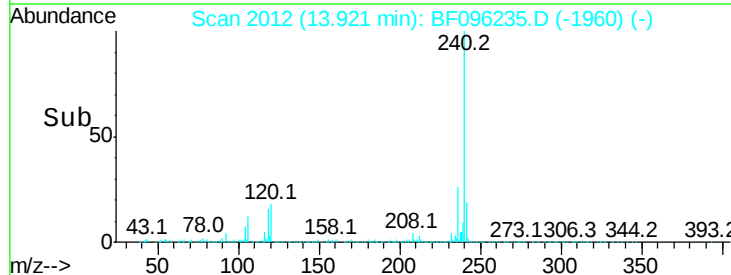
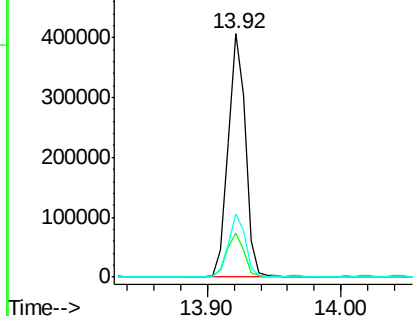


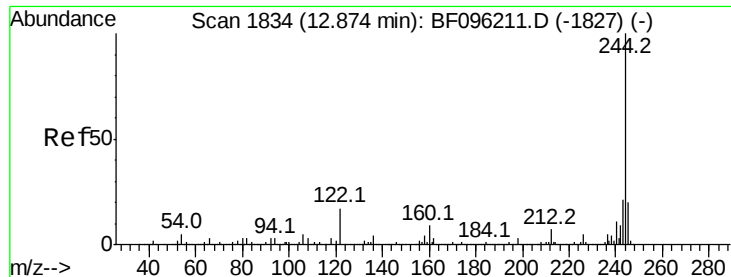
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF096235.D
Acq: 28 Jun 2017 00:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.9	5.8	8.8#
236	26.1	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: 3.81 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096235.D

Acq: 28 Jun 2017 00:02

Instrument :

BNA_F

ClientSampleId :

G-35-1.5-3

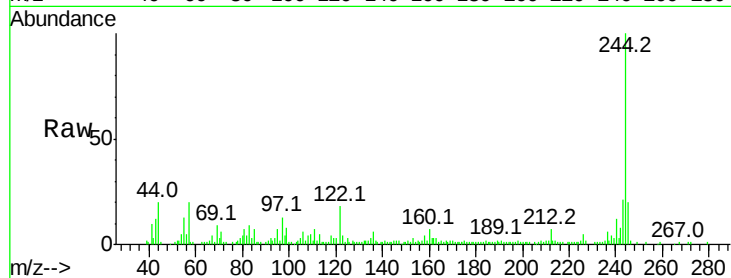
Tot Ion:244 Resp: 56847

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

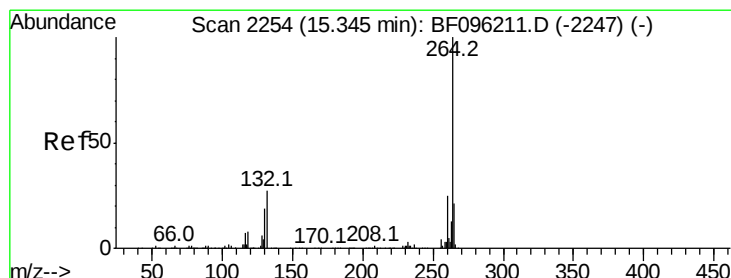
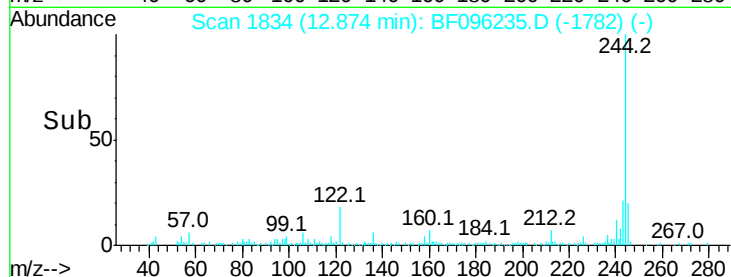
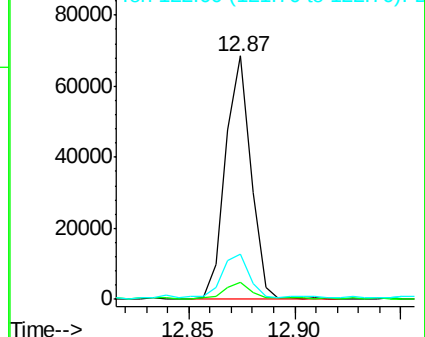
122 18.5 10.3 15.5#



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: BF096235.D

Acq: 28 Jun 2017 00:02

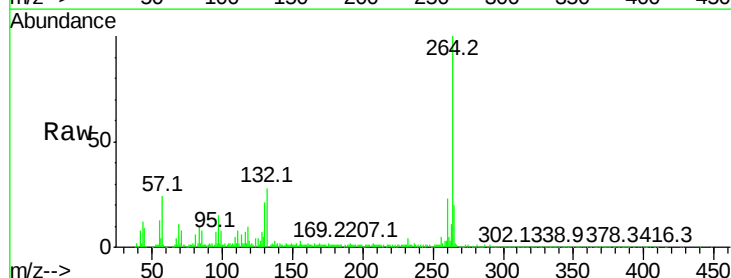
Tgt Ion:264 Resp: 267444

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 20.0 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

