

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096254.D
 Acq On : 28 Jun 2017 17:29
 Operator : SJ/MA
 Sample : I3852-05 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-31-0-1.5

Quant Time: Jun 29 04:32:24 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	152189	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	613613	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	241970	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	374062	20.00	ng	0.00
75) Chrysene-d12	13.92	240	357320	20.00	ng	0.00
86) Perylene-d12	15.35	264	307233	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	31269	2.96	ng	0.00
7) Phenol-d6	6.40	99	44544	3.48	ng	0.00
23) Nitrobenzene-d5	7.33	82	22435	2.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	4014	2.11	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	45020	3.41	ng	-0.02
78) Terphenyl-d14	12.87	244	34507	2.41	ng	0.00

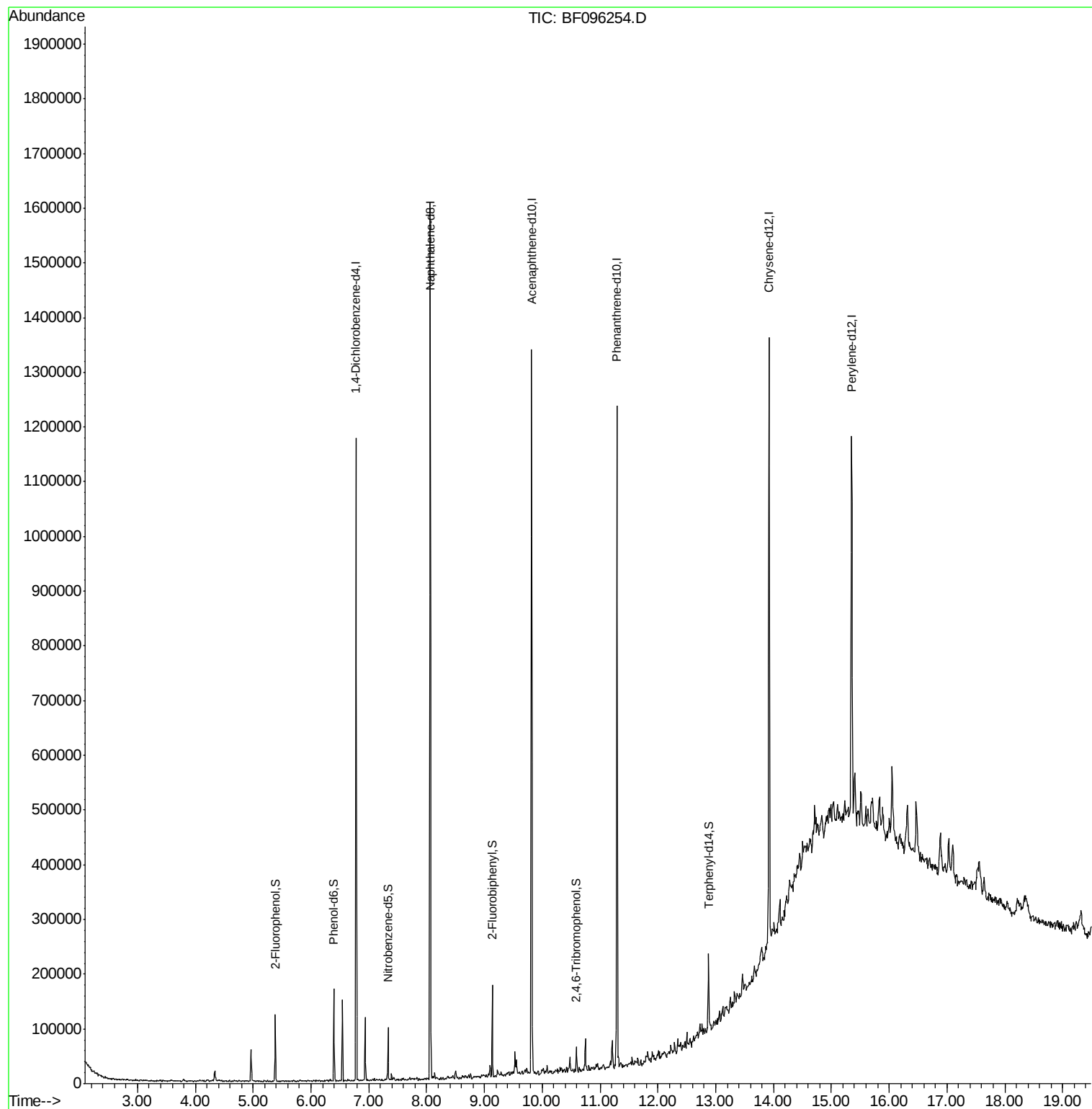
Target Compounds Qvalue

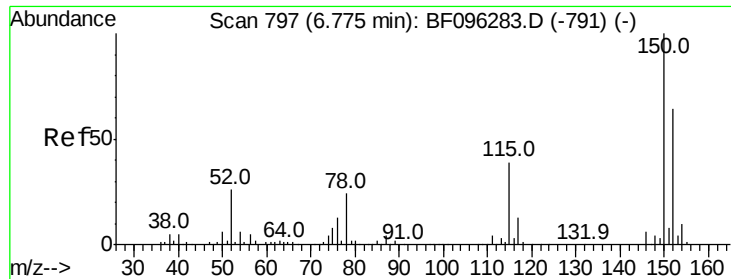
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF096254.D

Acq: 28 Jun 2017 17:29

Instrument :

BNA_F

ClientSampleId :

G-31-0-1.5

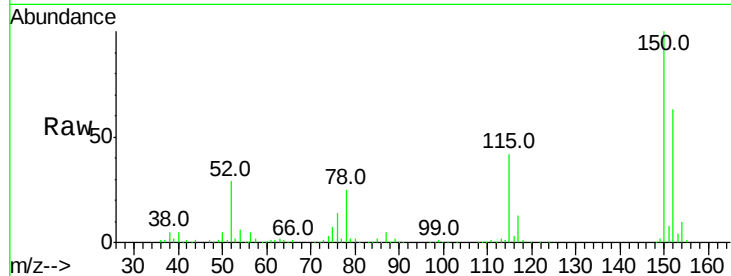
Tot Ion:152 Resp: 152189

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

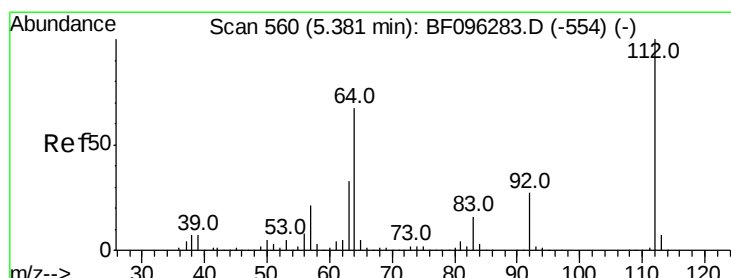
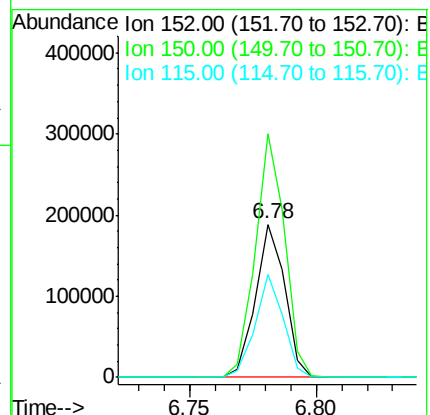
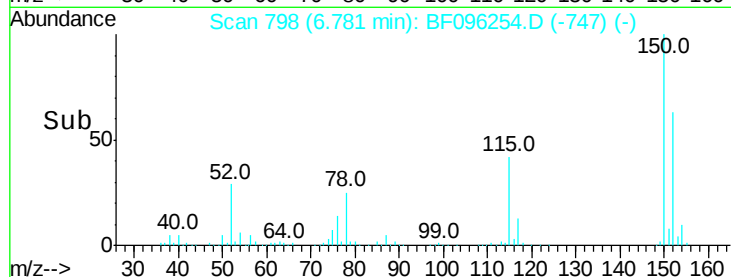
115 67.1 52.2 78.2



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: 2.96 ng

RT: 5.38 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF096254.D

Acq: 28 Jun 2017 17:29

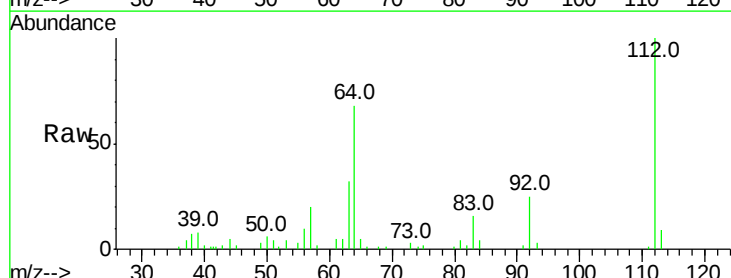
Tgt Ion:112 Resp: 31269

Ion Ratio Lower Upper

112 100

64 68.0 46.0 69.0

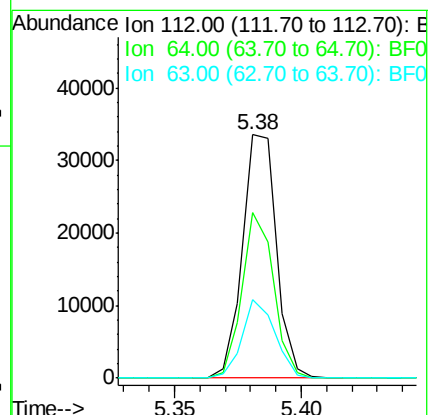
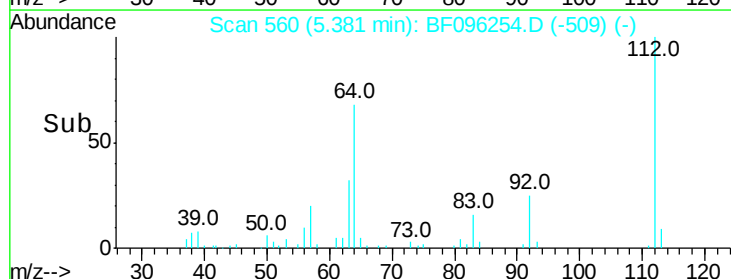
63 32.0 23.4 35.0

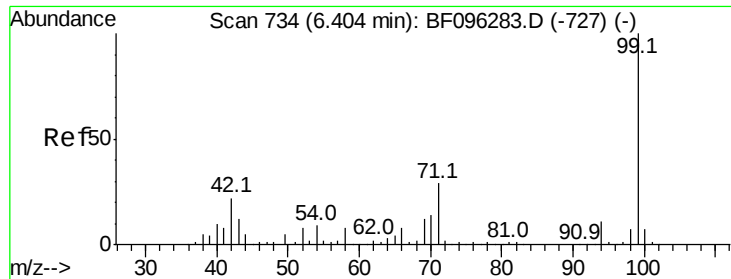


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 3.48 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096254.D

Acq: 28 Jun 2017 17:29

Instrument :

BNA_F

ClientSampleId :

G-31-0-1.5

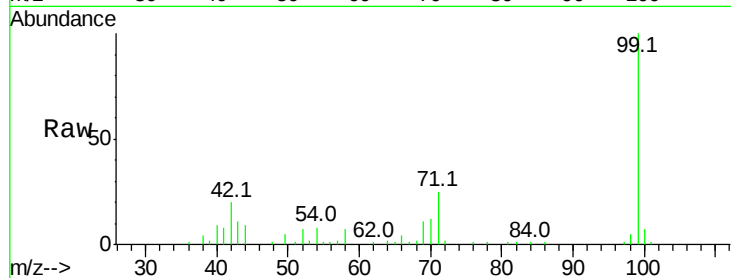
Tot Ion: 99 Resp: 44544

Ion Ratio Lower Upper

99 100

42 20.1 13.5 20.3

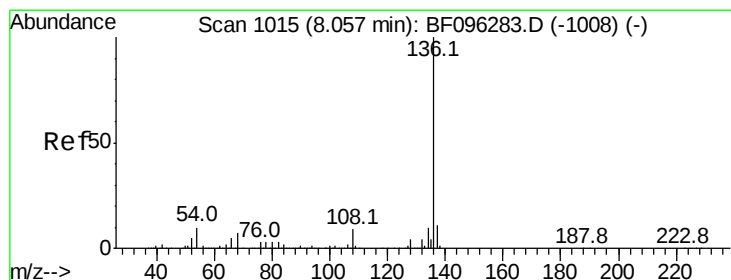
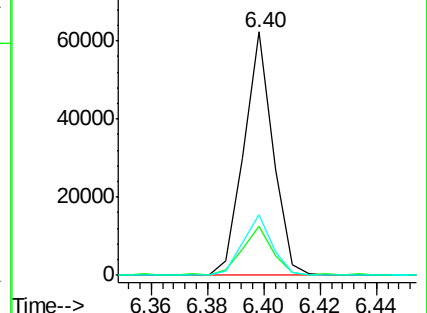
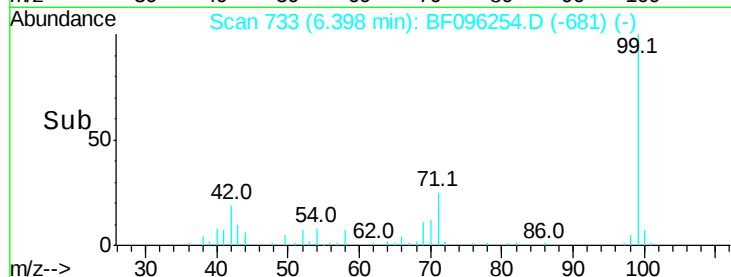
71 25.1 24.5 36.7



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: BF096254.D

Acq: 28 Jun 2017 17:29

Tgt Ion: 136 Resp: 613613

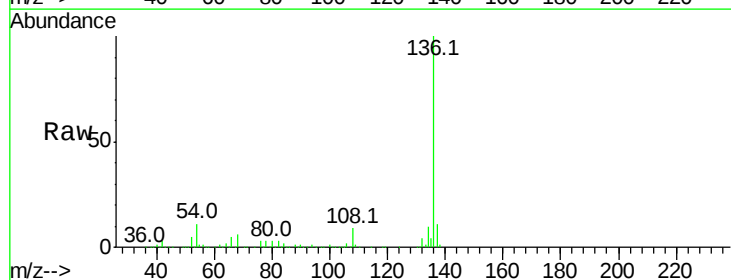
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.5 4.9 7.3#

68 6.5 4.1 6.1#

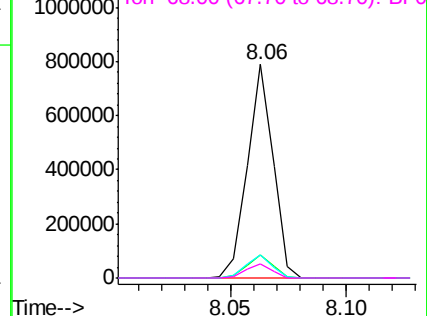
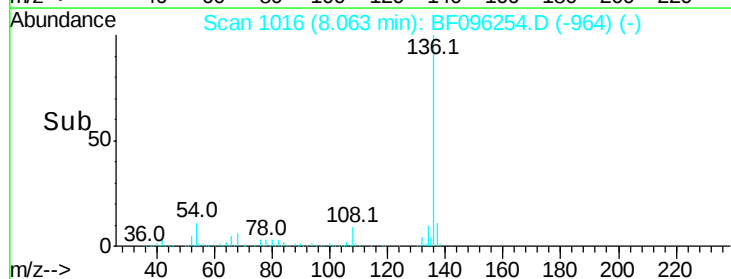


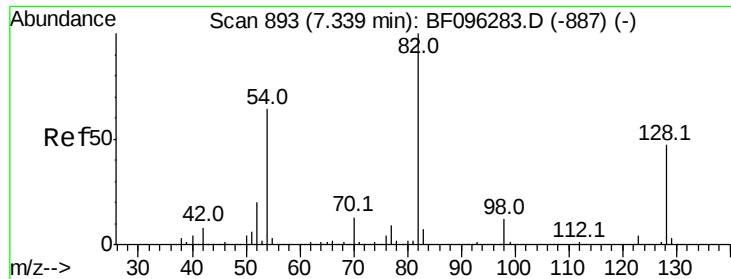
Abundance Ion 136.00 (135.70 to 136.70): E

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

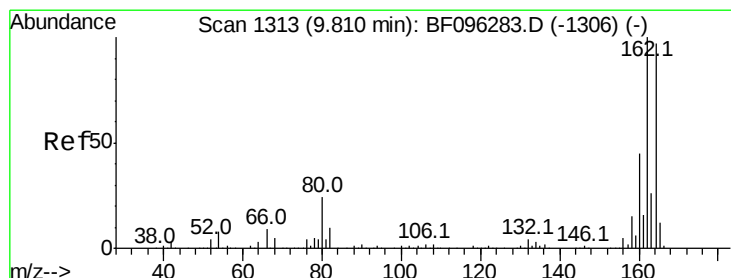
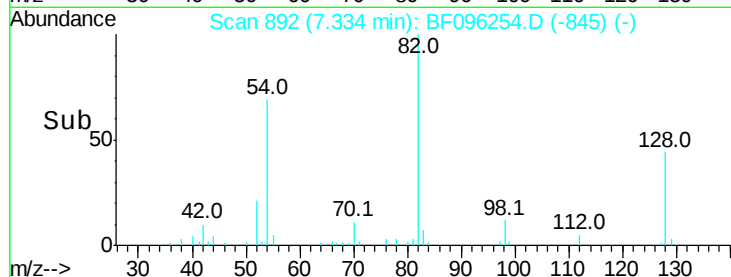
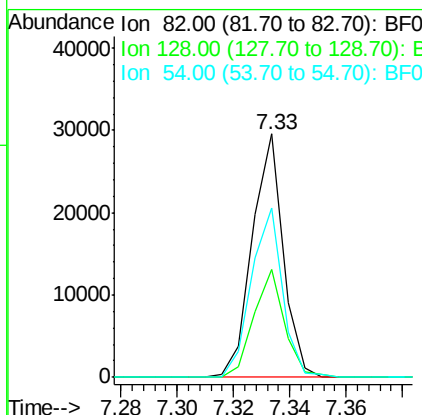
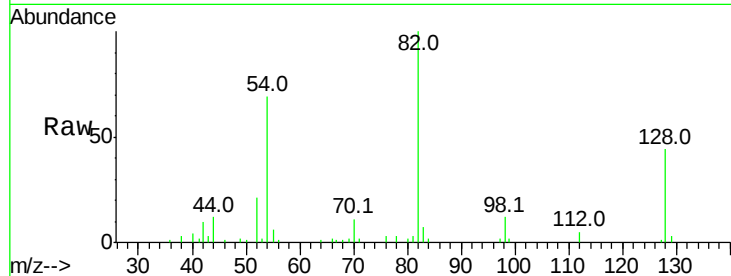




#23
 Nitrobenzene-d5
 Concen: 2.53 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF096254.D
 Acq: 28 Jun 2017 17:29

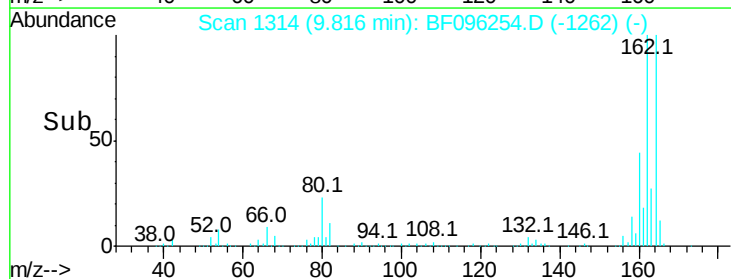
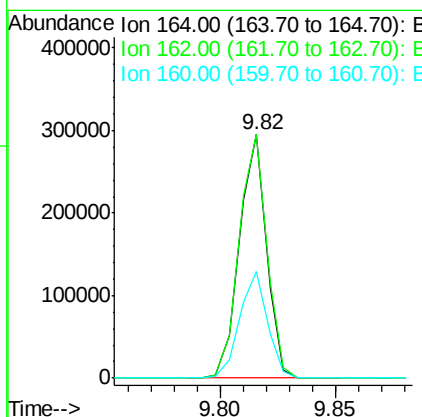
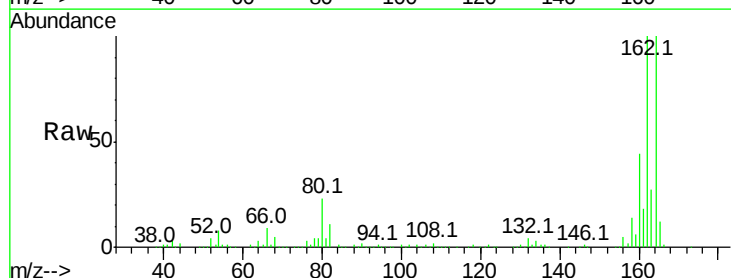
Instrument :
 BNA_F
 ClientSampleId :
 G-31-0-1.5

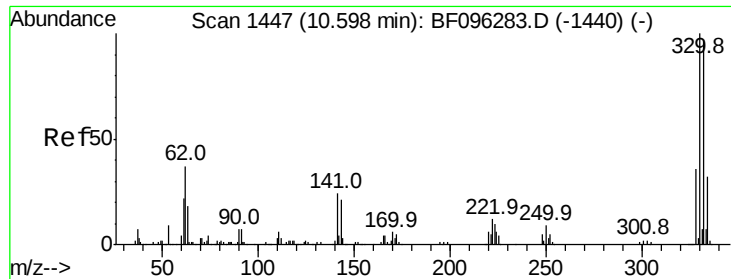
Tot Ion: 82 Resp: 22435
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.0 51.0
 54 69.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF096254.D
 Acq: 28 Jun 2017 17:29

Tgt Ion:164 Resp: 241970
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.6 123.8
 160 44.0 36.2 54.2

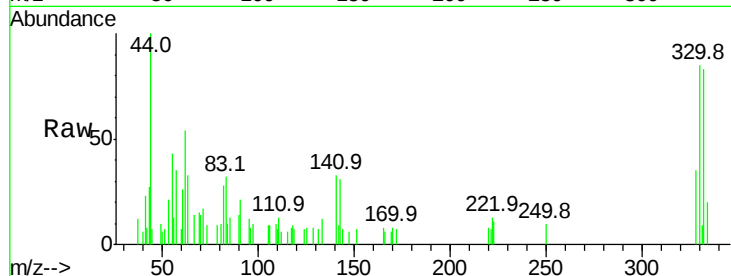




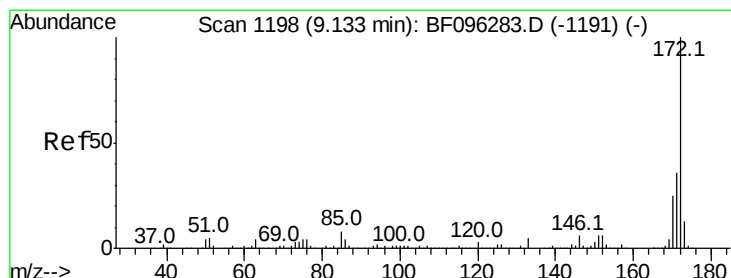
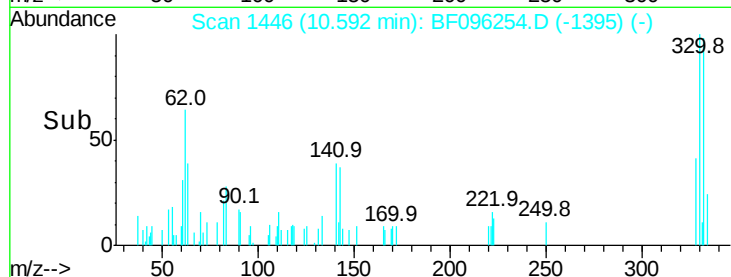
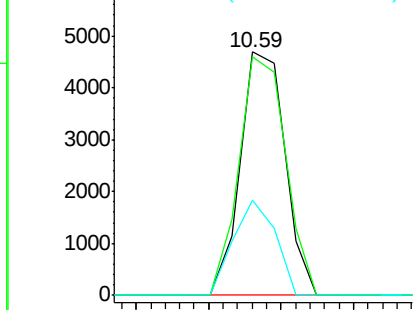
#41
 2,4,6-Tribromophenol
 Concen: 2.11 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF096254.D
 Acq: 28 Jun 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 G-31-0-1.5

Tot Ion:330 Resp: 4014
 Ion Ratio Lower Upper
 330 100
 332 102.5 76.6 115.0
 141 36.6 31.4 47.2

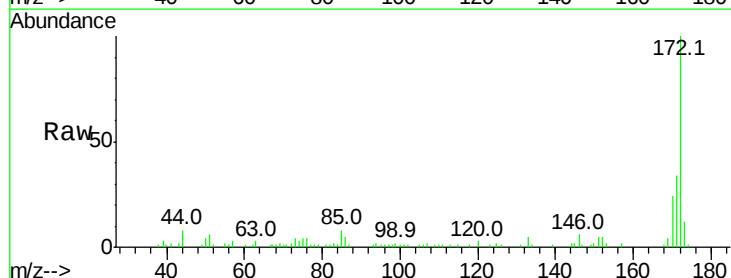


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

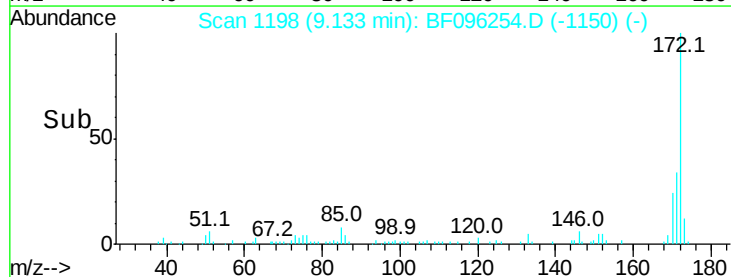
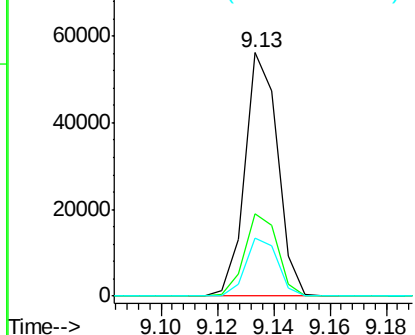


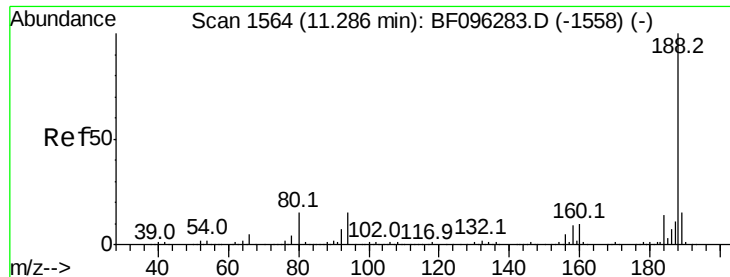
#44
 2-Fluorobiphenyl
 Concen: 3.41 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF096254.D
 Acq: 28 Jun 2017 17:29

Tgt Ion:172 Resp: 45020
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.6 44.4
 170 23.6 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

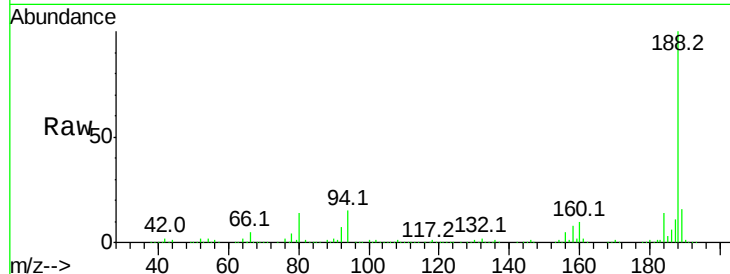




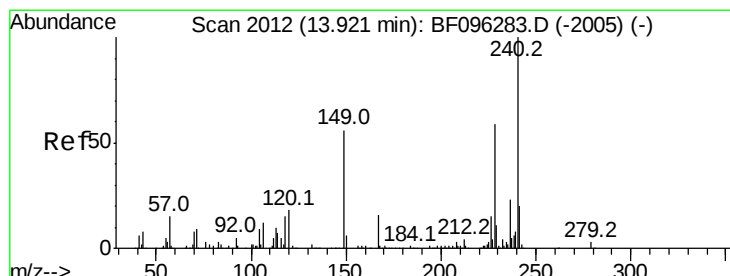
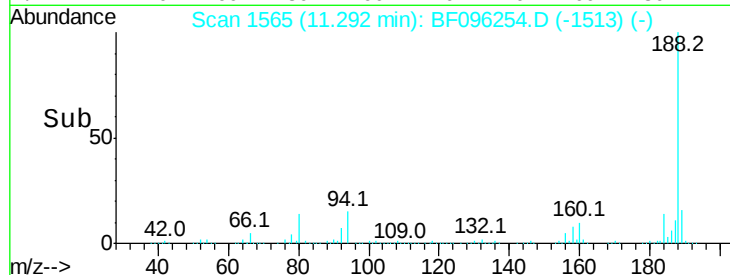
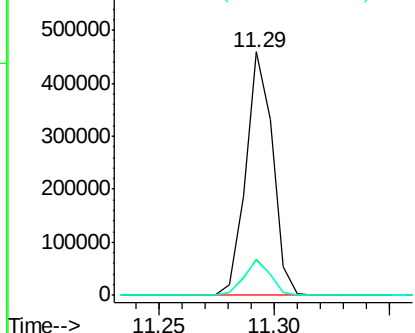
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096254.D
Acq: 28 Jun 2017 17:29

Instrument :
BNA_F
ClientSampleId :
G-31-0-1.5

Tot Ion:188 Resp: 374062
Ion Ratio Lower Upper
188 100
94 14.9 9.4 14.2#
80 14.4 10.2 15.2

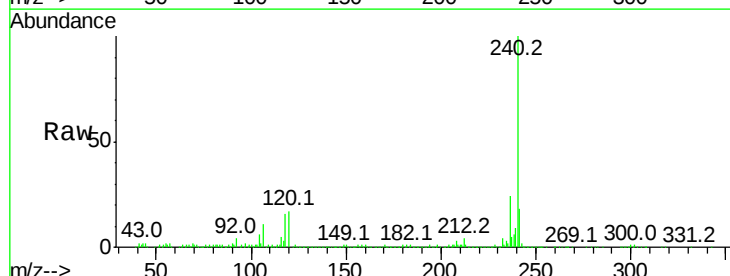


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

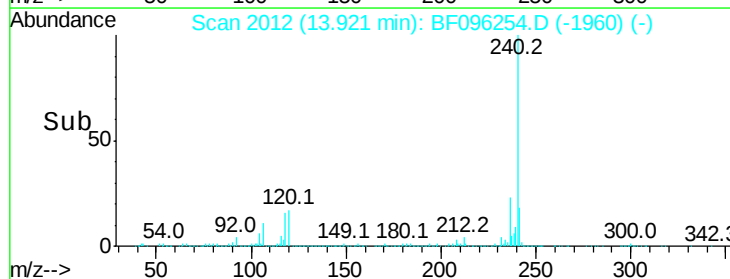
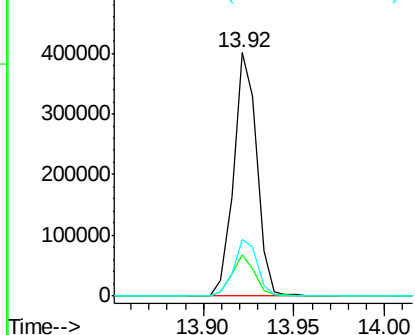


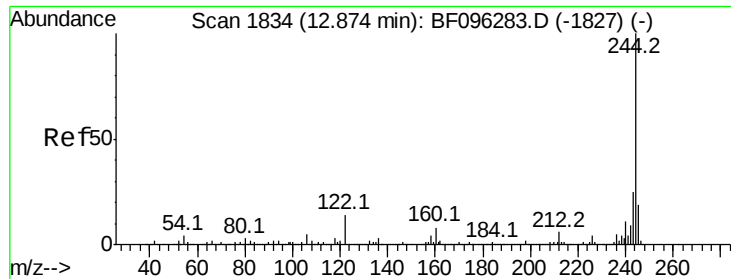
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF096254.D
Acq: 28 Jun 2017 17:29

Tgt Ion:240 Resp: 357320
Ion Ratio Lower Upper
240 100
120 16.9 5.8 8.8#
236 23.5 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: 2.41 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096254.D

Acq: 28 Jun 2017 17:29

Instrument :

BNA_F

ClientSampled :

G-31-0-1.5

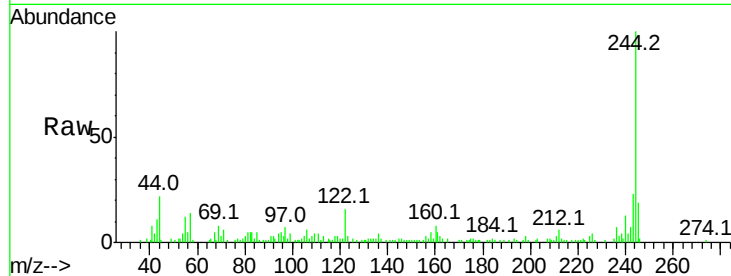
Tot Ion:244 Resp: 34507

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

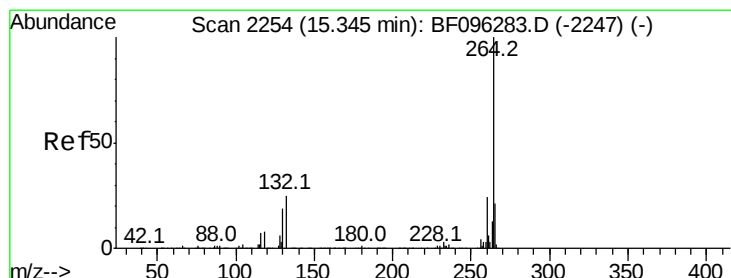
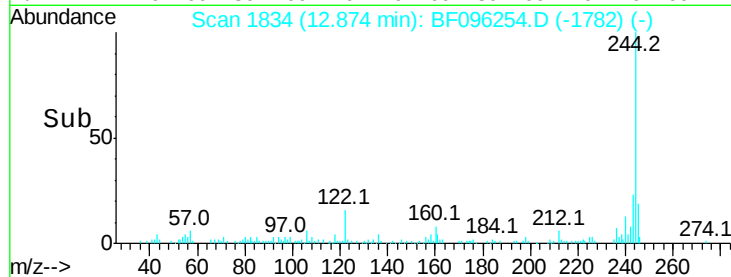
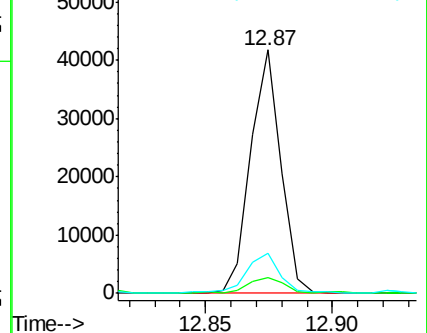
122 16.3 10.3 15.5#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 2255

Delta R.T. 0.01 min

Lab File: BF096254.D

Acq: 28 Jun 2017 17:29

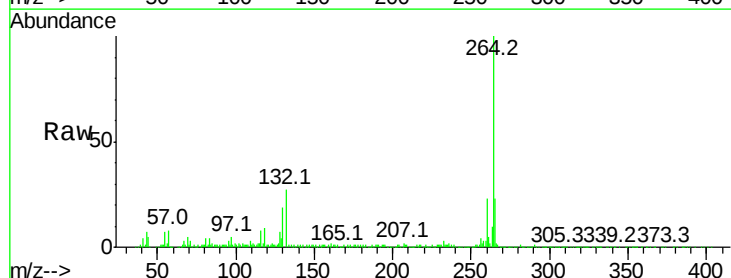
Tgt Ion:264 Resp: 307233

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 22.5 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

