

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096002.D
 Acq On : 19 Jun 2017 12:57
 Operator : SJ/MA
 Sample : PB99843BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99843BL

Quant Time: Jun 19 16:55:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	76442	20.00	ng	-0.02
21) Naphthalene-d8	9.33	136	318084	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	147794	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	268049	20.00	ng	-0.02
75) Chrysene-d12	18.27	240	190655	20.00	ng	-0.02
86) Perylene-d12	19.95	264	132085	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	638697	133.14	ng	-0.02
7) Phenol-d6	6.87	99	758340	132.04	ng	-0.04
23) Nitrobenzene-d5	8.23	82	441671	86.23	ng	-0.02
41) 2,4,6-Tribromophenol	13.45	330	154890	118.45	ng	-0.03
44) 2-Fluorobiphenyl	11.12	172	890041	83.80	ng	-0.02
78) Terphenyl-d14	16.93	244	743925	96.84	ng	-0.02

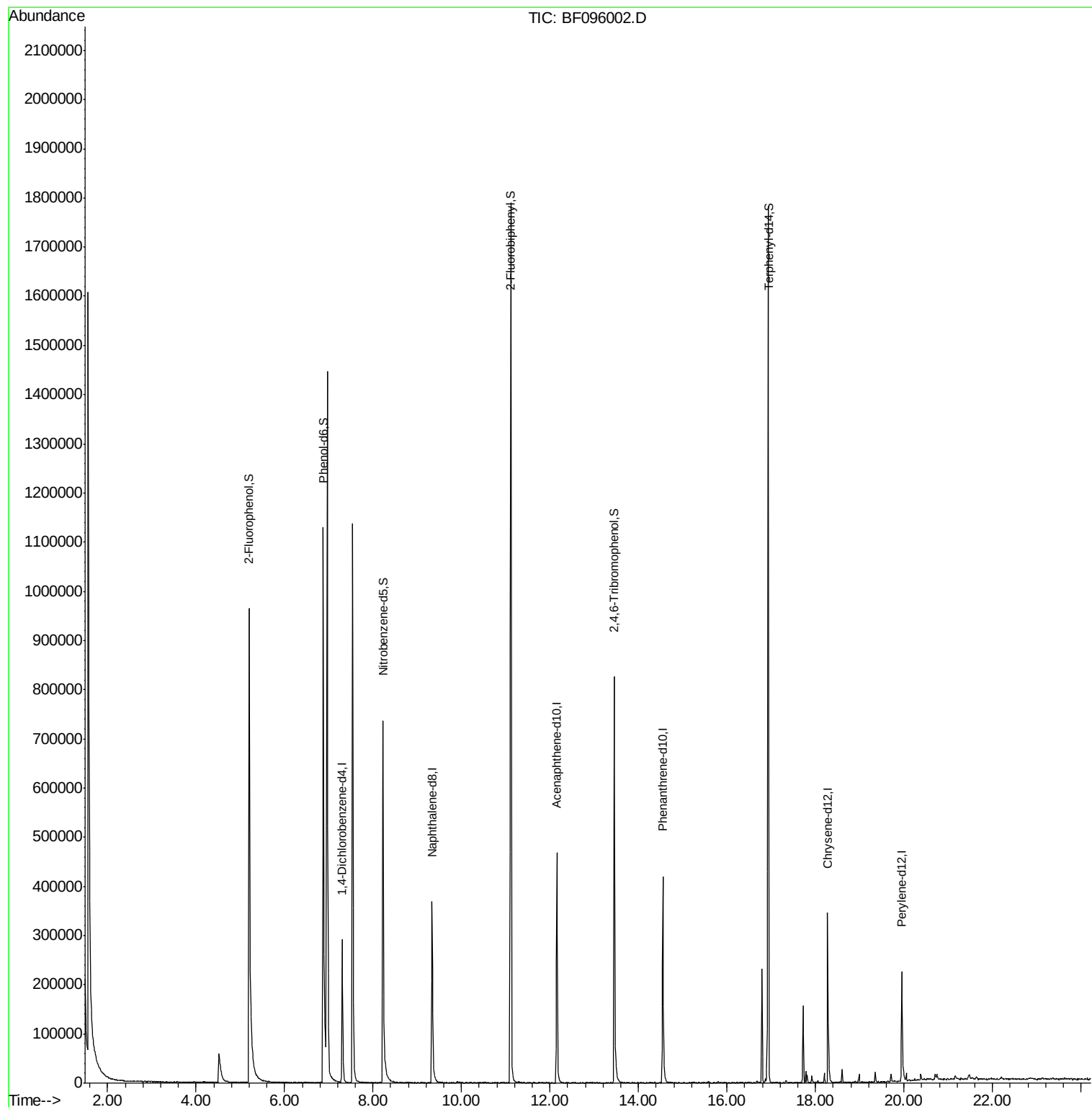
Target Compounds Qvalue

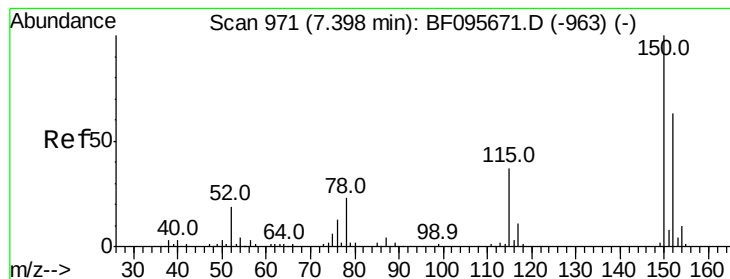
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.30 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

Instrument :

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ClientSampleId :

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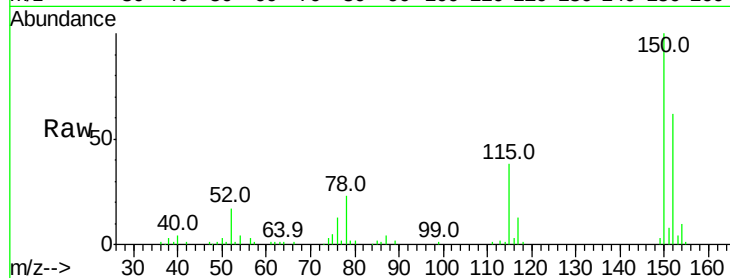
Tot Ion:152 Resp: 76442

Ion Ratio Lower Upper

152 100

150 160.2 126.2 189.2

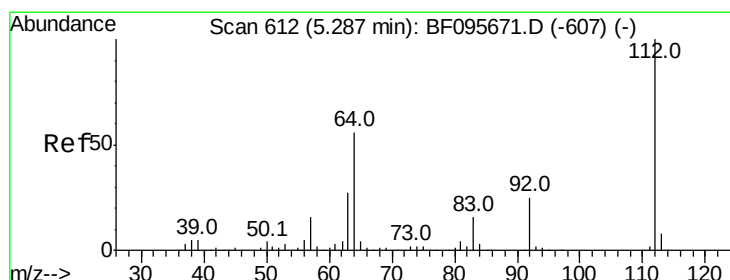
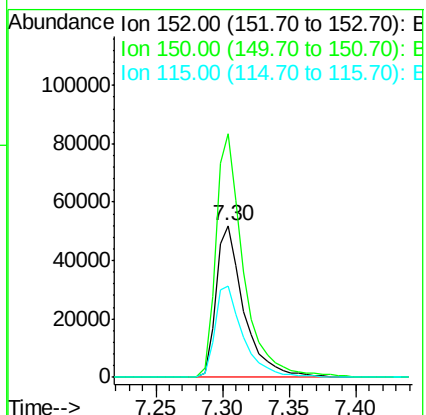
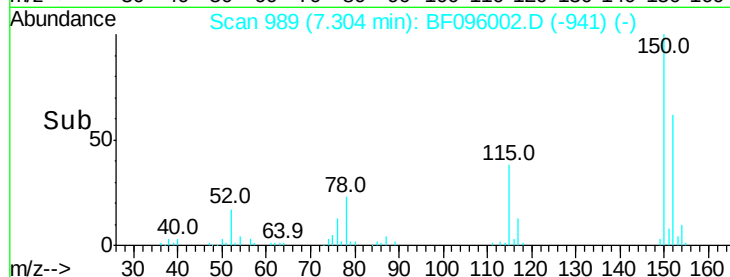
115 60.3 52.2 78.2



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: 133.14 ng

RT: 5.20 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

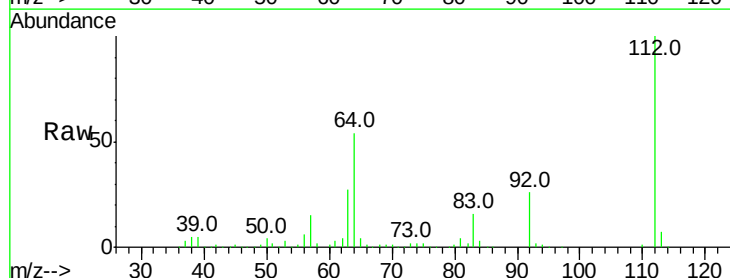
Tgt Ion:112 Resp: 638697

Ion Ratio Lower Upper

112 100

64 53.6 46.0 69.0

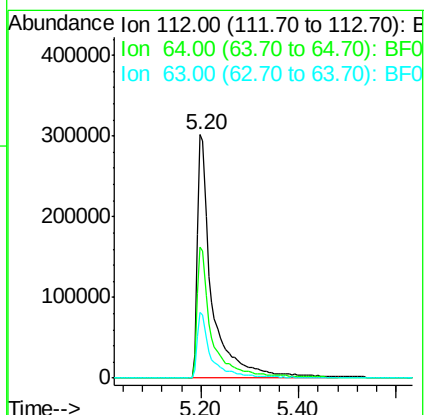
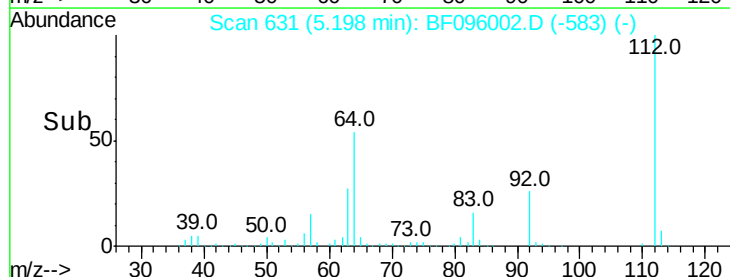
63 27.0 23.4 35.0

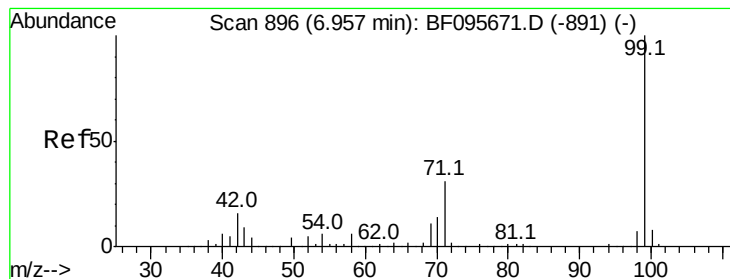


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.04 ng

RT: 6.87 min Scan# 916

Delta R.T. -0.04 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

Instrument :

BNA_F

ClientSampleId :

PB99843BL

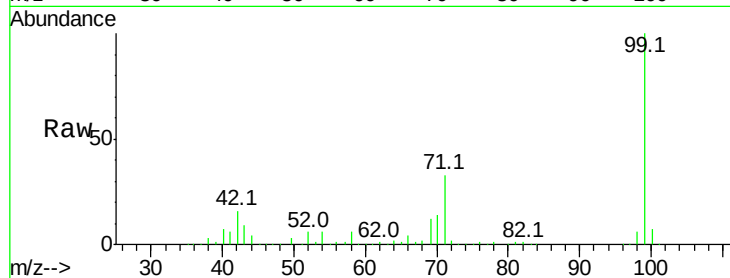
Tot Ion: 99 Resp: 758340

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

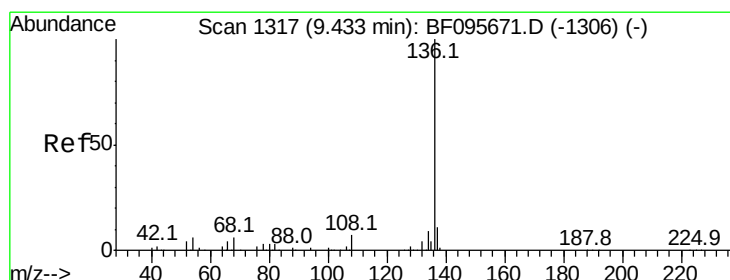
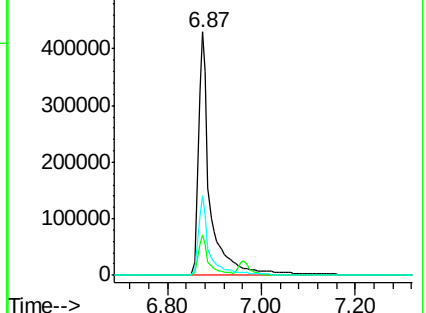
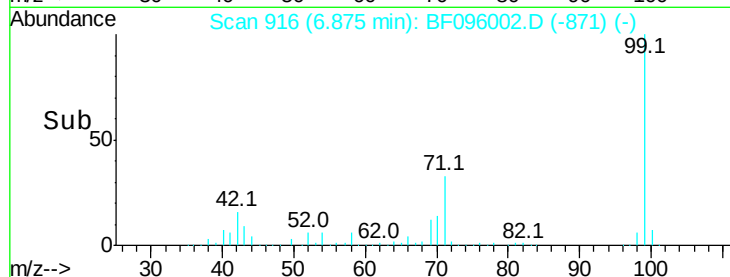
71 32.6 24.5 36.7



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: 9.33 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

Tgt Ion: 136 Resp: 318084

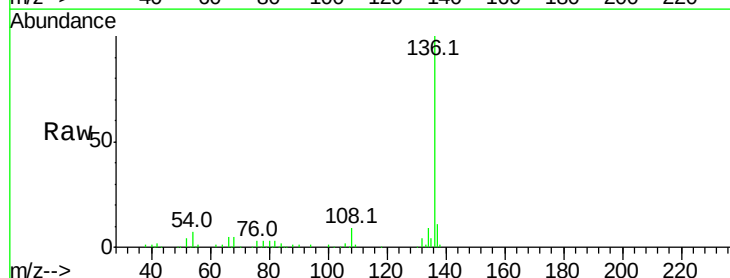
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.8 4.9 7.3

68 5.4 4.1 6.1

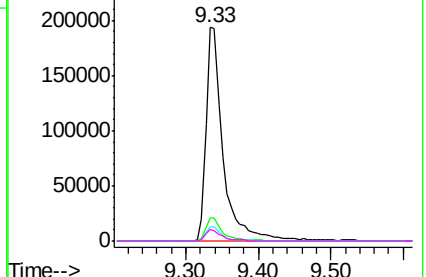
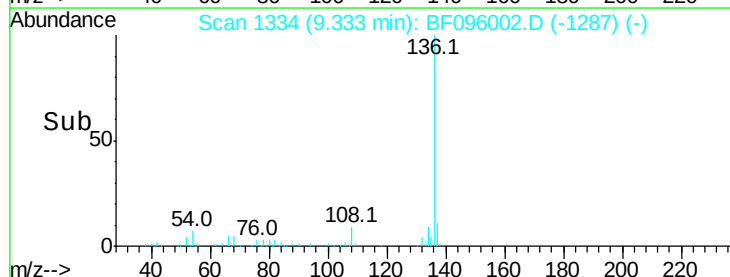


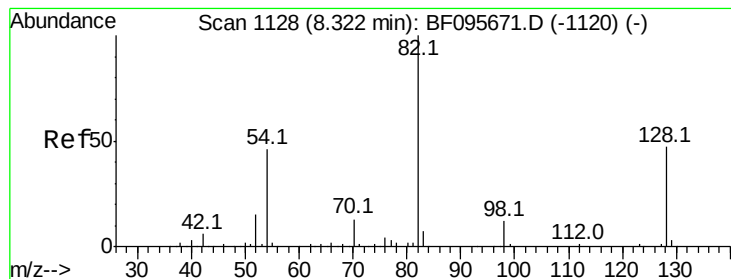
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.23 ng

RT: 8.23 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

Instrument :

BNA_F

ClientSampleId :

PB99843BL

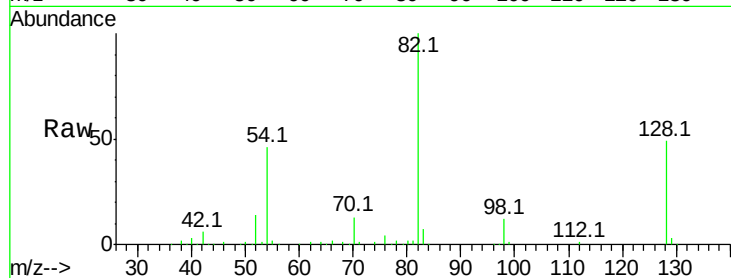
Tot Ion: 82 Resp: 441671

Ion Ratio Lower Upper

82 100

128 48.5 34.0 51.0

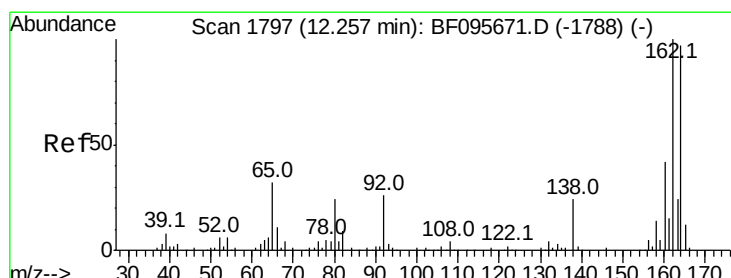
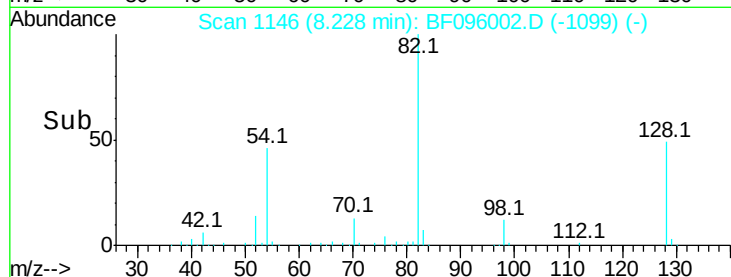
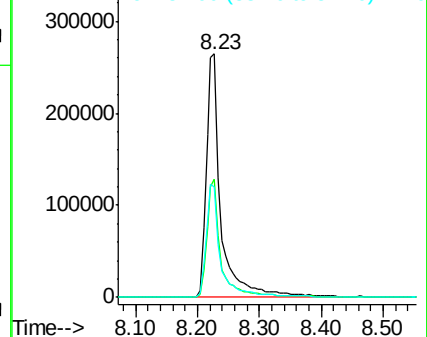
54 45.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.16 min Scan# 1814

Delta R.T. -0.02 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

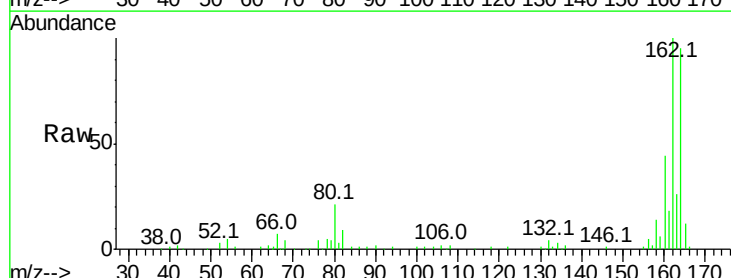
Tgt Ion: 164 Resp: 147794

Ion Ratio Lower Upper

164 100

162 105.2 82.6 123.8

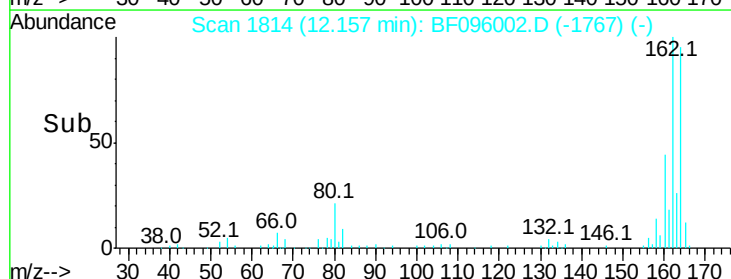
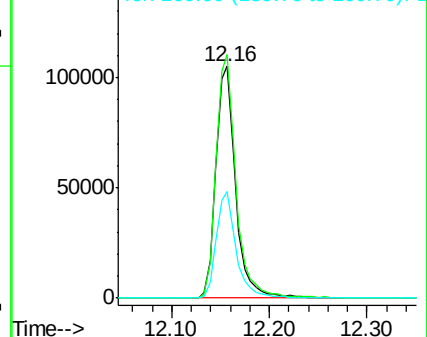
160 46.1 36.2 54.2

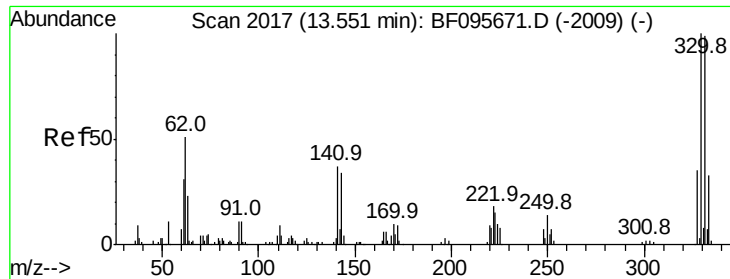


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

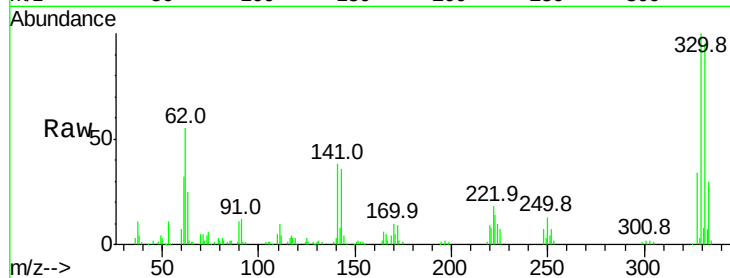




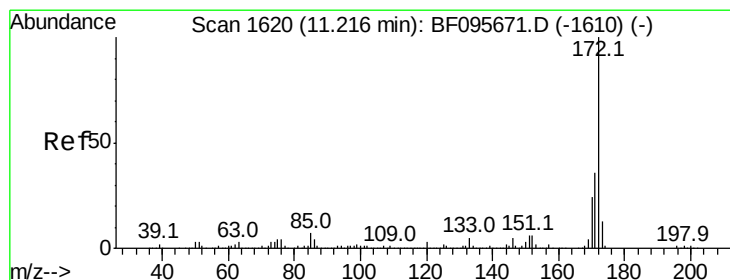
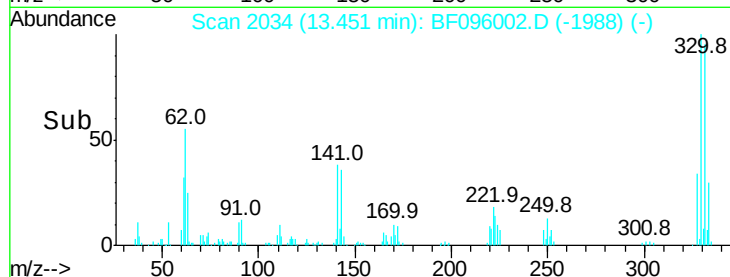
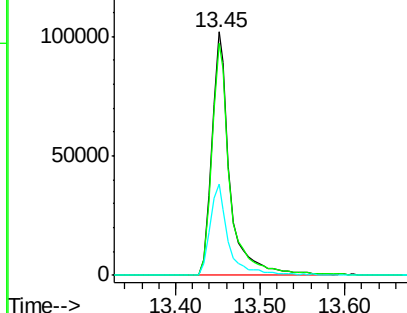
#41
 2,4,6-Tribromophenol
 Concen: 118.45 ng
 RT: 13.45 min Scan# 2034
 Delta R.T. -0.03 min
 Lab File: BF096002.D
 Acq: 19 Jun 2017 12:57

Instrument :
 BNA_F
 ClientSampleId :
 PB99843BL

Tot Ion:330 Resp: 154890
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 37.6 31.4 47.2

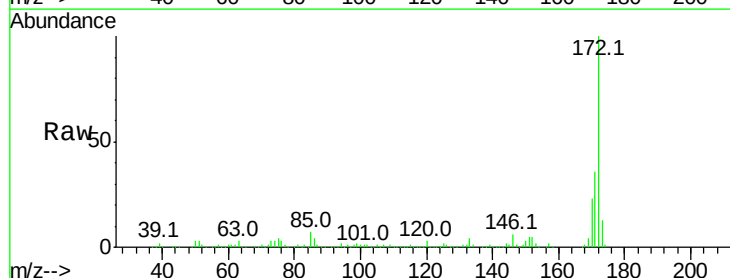


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

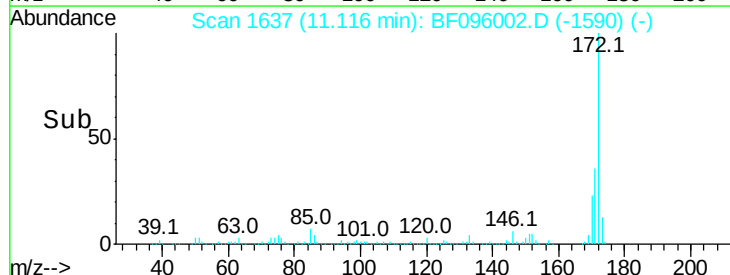
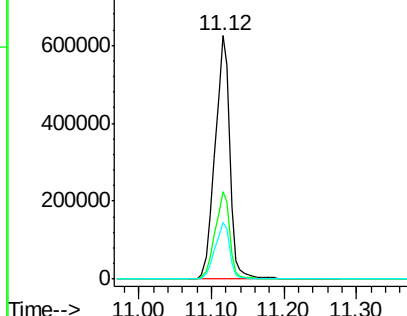


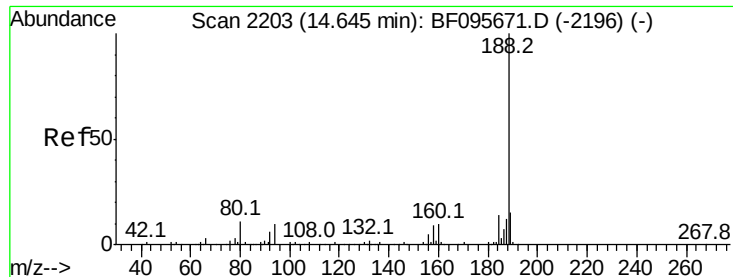
#44
 2-Fluorobiphenyl
 Concen: 83.80 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BF096002.D
 Acq: 19 Jun 2017 12:57

Tgt Ion:172 Resp: 890041
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.4 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: 14.55 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

Instrument :

BNA_F

ClientSampleId :

PB99843BL

Tot Ion:188 Resp: 268049

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

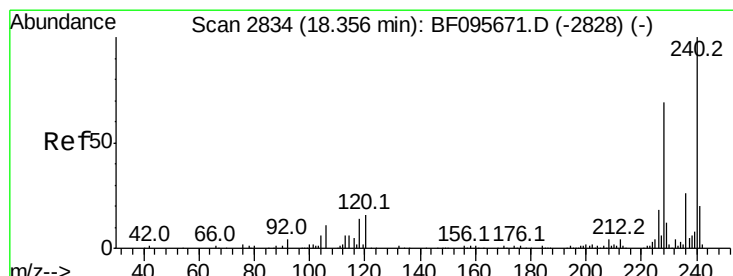
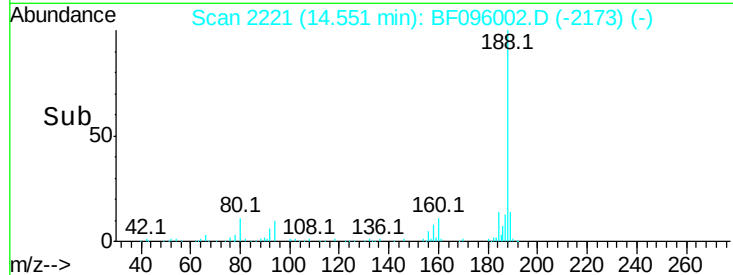
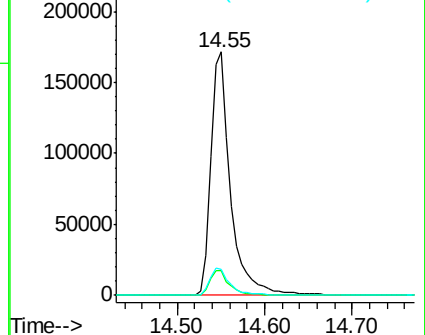
80 10.6 10.2 15.2



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: 18.27 min Scan# 2854

Delta R.T. -0.02 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

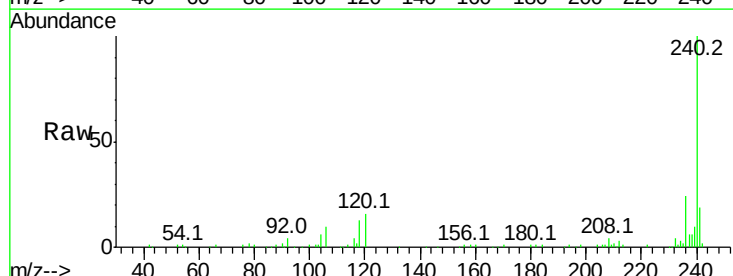
Tgt Ion:240 Resp: 190655

Ion Ratio Lower Upper

240 100

120 16.4 5.8 8.8#

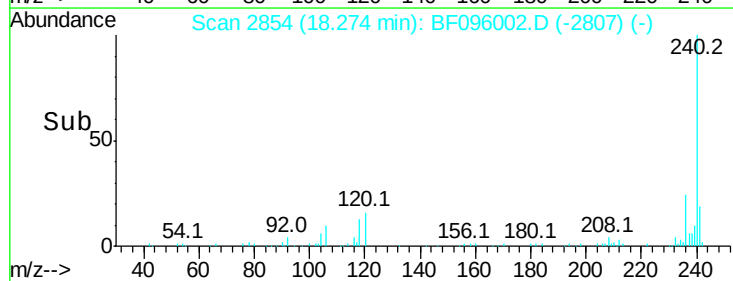
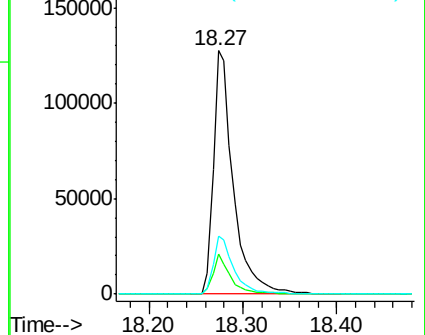
236 23.6 20.5 30.7

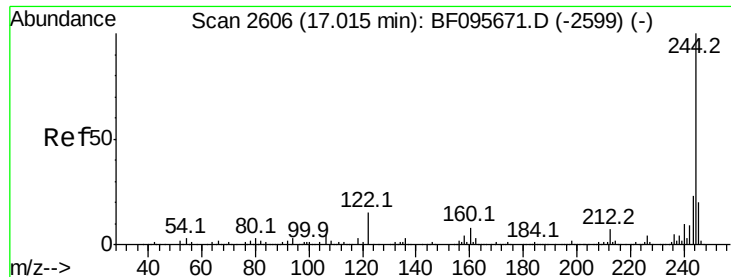


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.84 ng

RT: 16.93 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

Instrument :

BNA_F

ClientSampleId :

PB99843BL

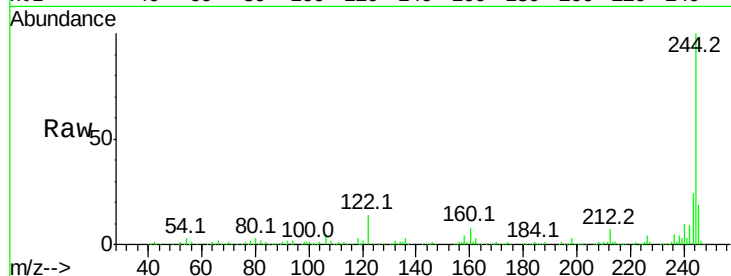
Tot Ion:244 Resp: 743925

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

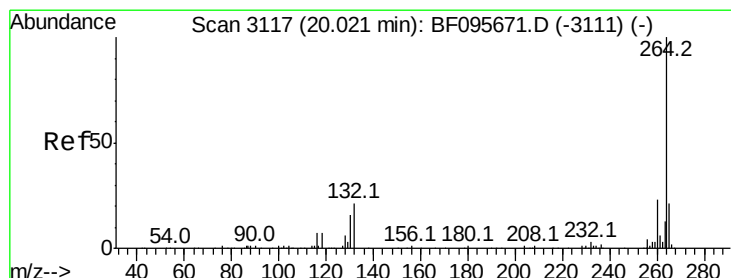
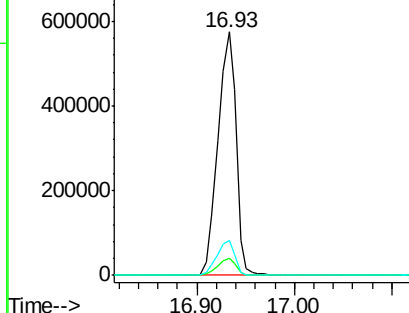
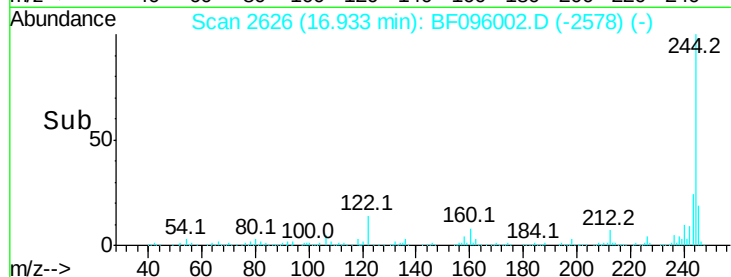
122 14.4 10.3 15.5



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: 19.95 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BF096002.D

Acq: 19 Jun 2017 12:57

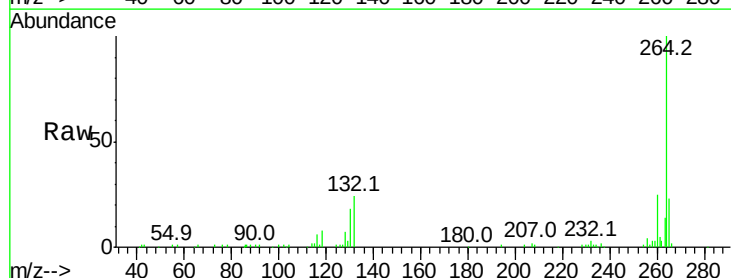
Tgt Ion:264 Resp: 132085

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 22.8 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

