

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095656.D
 Acq On : 3 Jun 2017 4:21
 Operator : SJ/MA
 Sample : PB99424BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99424BL

Quant Time: Jun 05 06:01:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	87508	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	351057	20.00	ng	0.00
38) Acenaphthene-d10	12.40	164	141216	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	206206	20.00	ng	0.00
75) Chrysene-d12	18.50	240	169071	20.00	ng	0.00
86) Perylene-d12	20.17	264	113430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	497650	94.81	ng	0.01
7) Phenol-d6	7.09	99	593340	94.22	ng	-0.01
23) Nitrobenzene-d5	8.45	82	486011	87.30	ng	-0.01
41) 2,4,6-Tribromophenol	13.70	330	86324	74.64	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	941239	95.94	ng	0.00
78) Terphenyl-d14	17.15	244	580910	75.68	ng	0.00

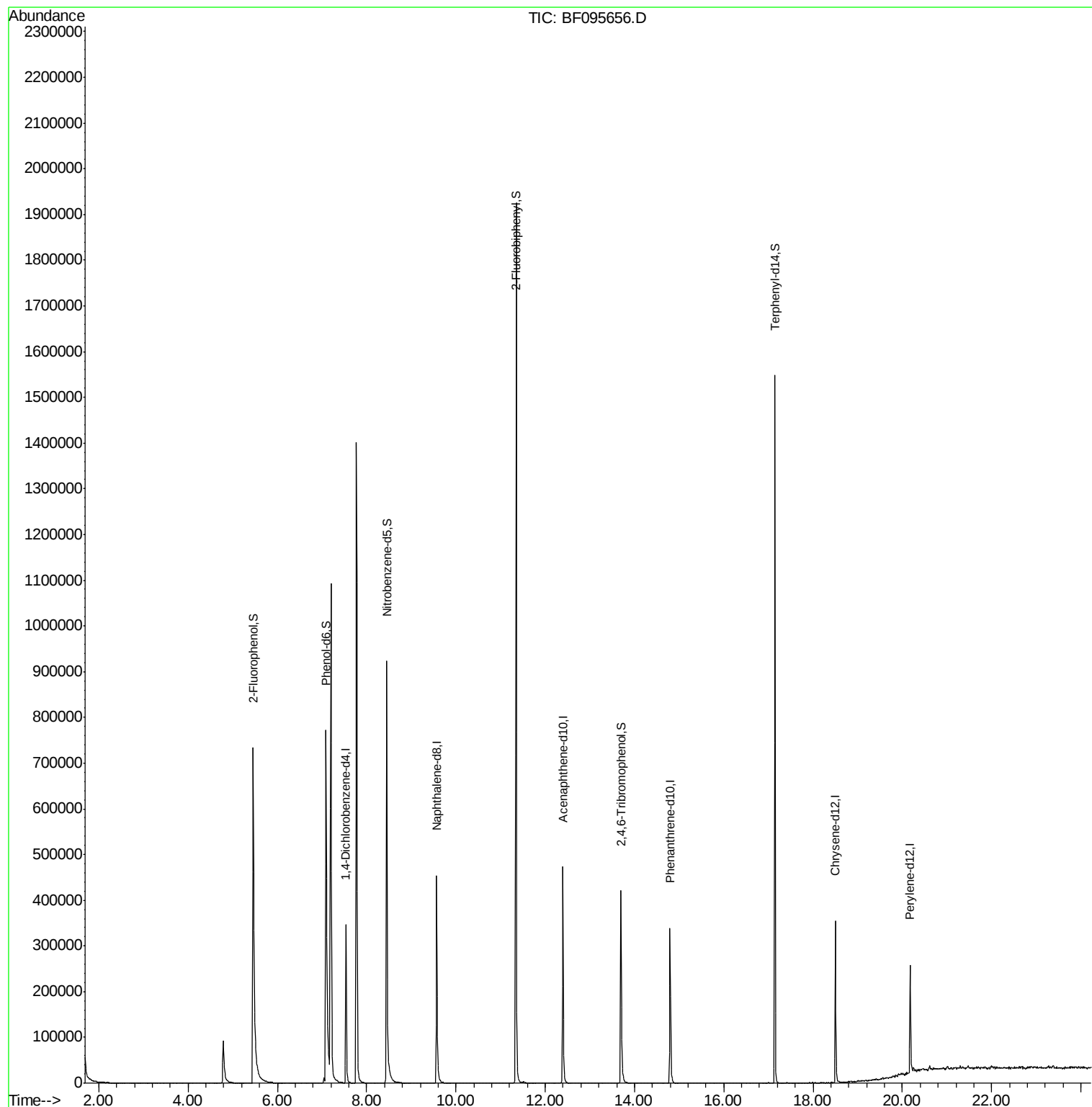
Target Compounds Qvalue

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

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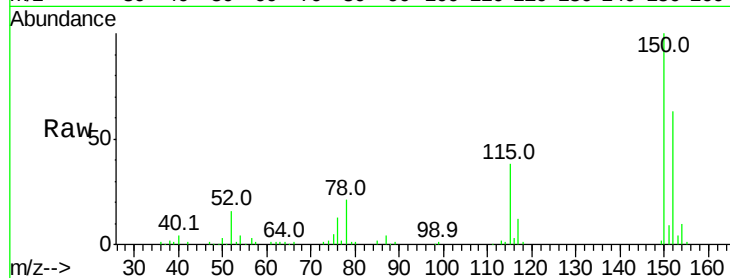


#1

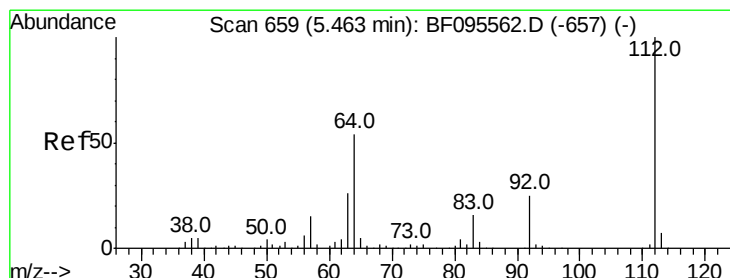
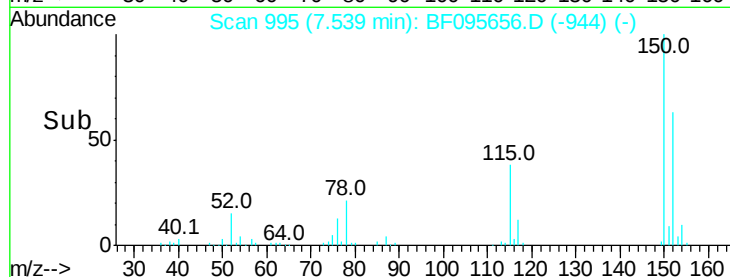
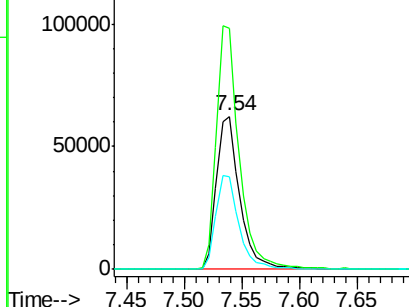
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.54 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

Instrument :
 BNA_F
 ClientSampled :
 PB99424BL

Tot Ion:152 Resp: 87508
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.2 189.2
 115 60.2 52.2 78.2



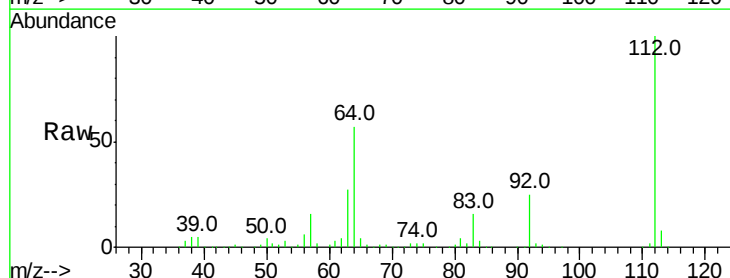
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



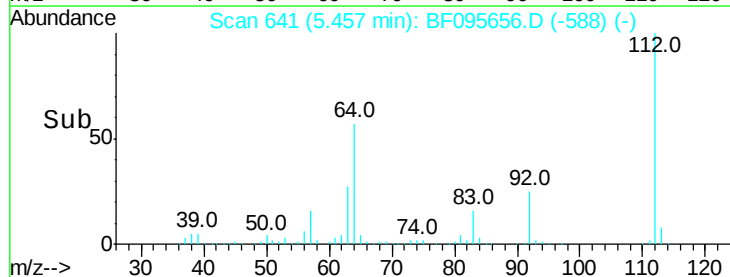
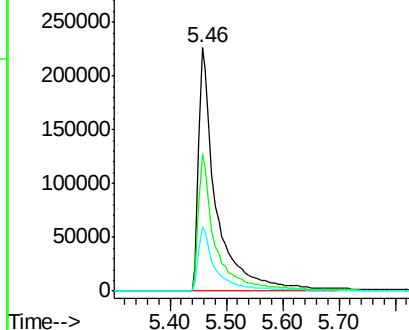
#5

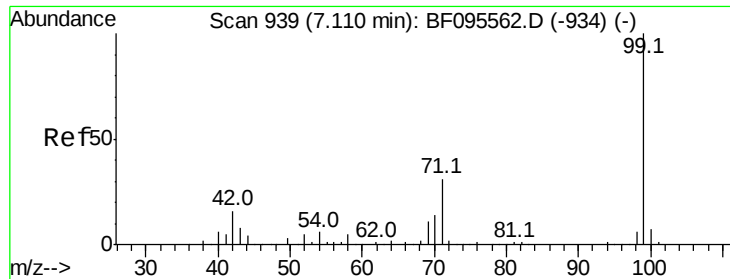
2-Fluorophenol
 Concen: 94.81 ng
 RT: 5.46 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

Tgt Ion:112 Resp: 497650
 Ion Ratio Lower Upper
 112 100
 64 56.7 46.0 69.0
 63 26.7 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: 94.22 ng

RT: 7.09 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF095656.D

Acq: 3 Jun 2017 4:21

Instrument :

BNA_F

ClientSampleId :

PB99424BL

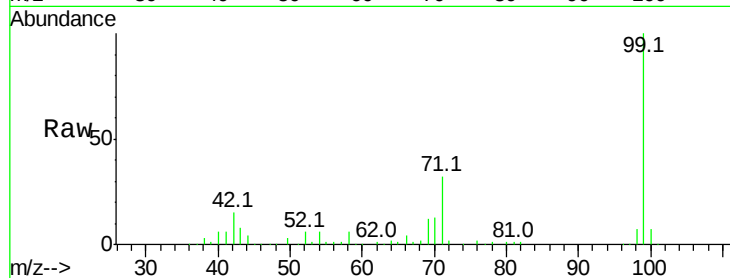
Tot Ion: 99 Resp: 593340

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

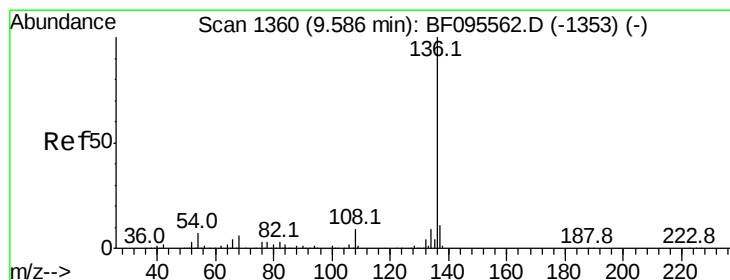
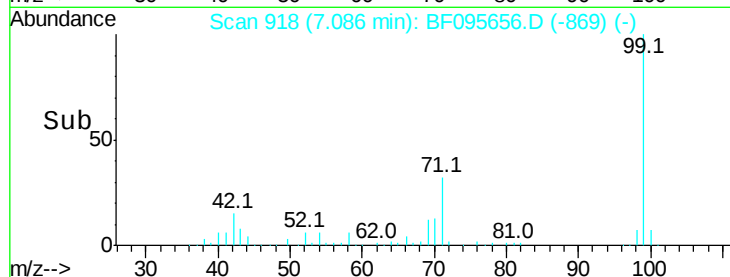
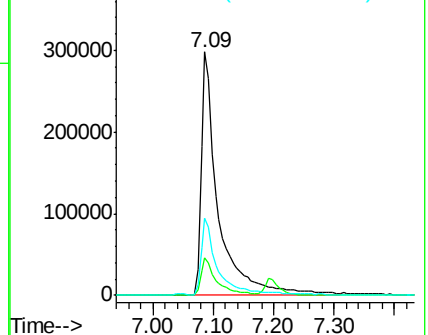
71 31.6 24.5 36.7



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: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095656.D

Acq: 3 Jun 2017 4:21

Tgt Ion: 136 Resp: 351057

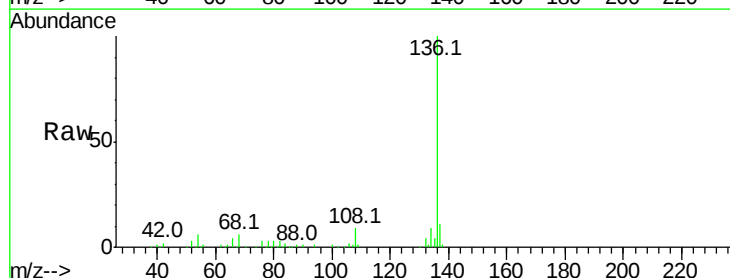
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.5 4.9 7.3

68 5.7 4.1 6.1

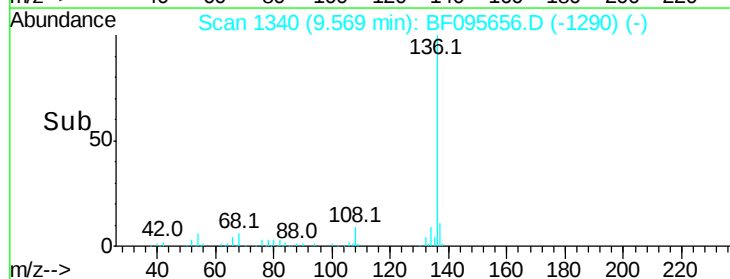
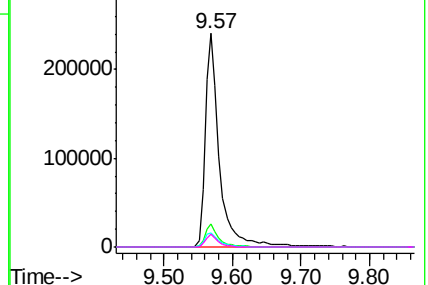


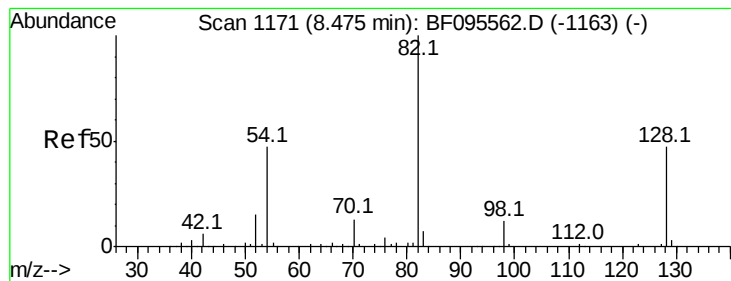
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.30 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095656.D

Acq: 3 Jun 2017 4:21

Instrument :

BNA_F

ClientSampleId :

PB99424BL

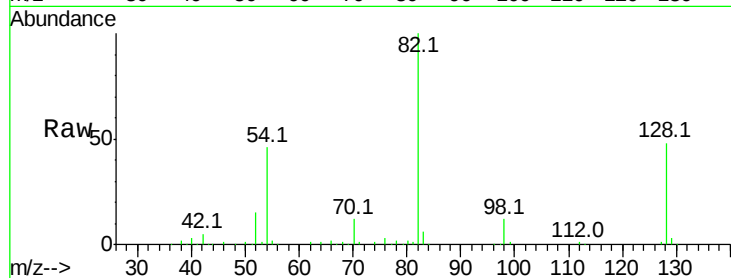
Tot Ion: 82 Resp: 486011

Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

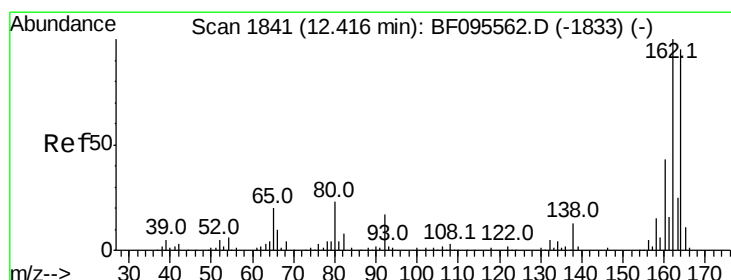
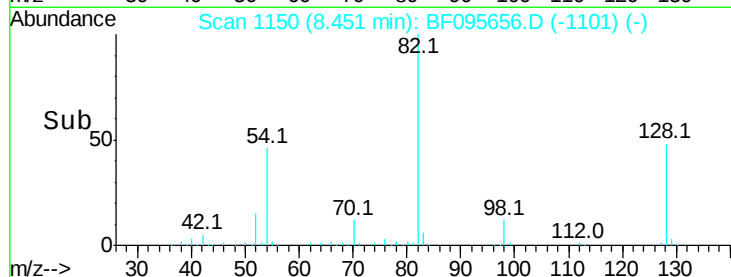
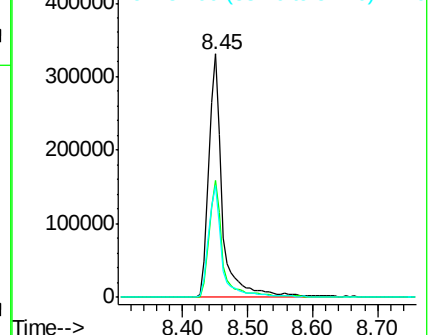
54 46.0 42.2 63.2



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: 12.40 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF095656.D

Acq: 3 Jun 2017 4:21

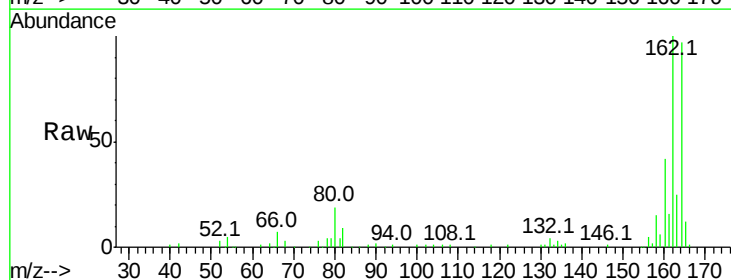
Tgt Ion: 164 Resp: 141216

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

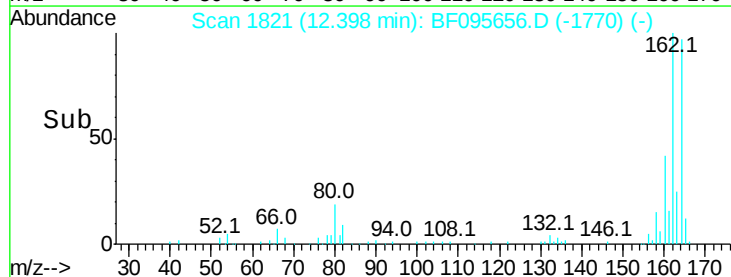
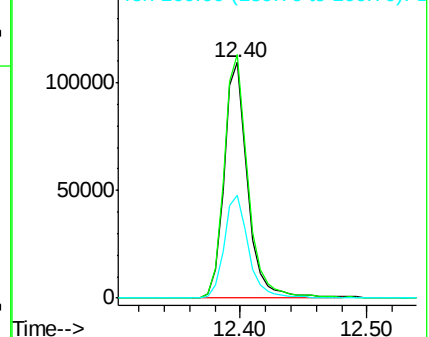
160 43.6 36.2 54.2

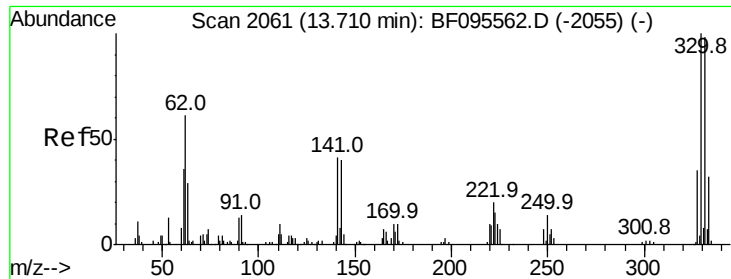


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

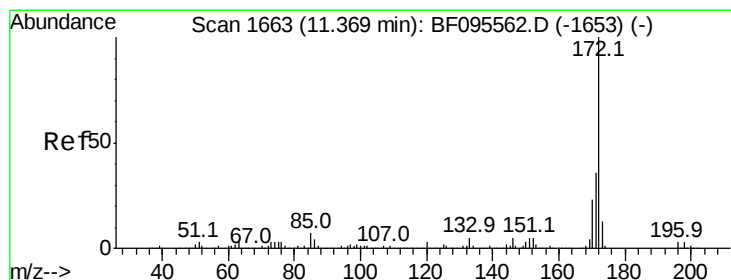
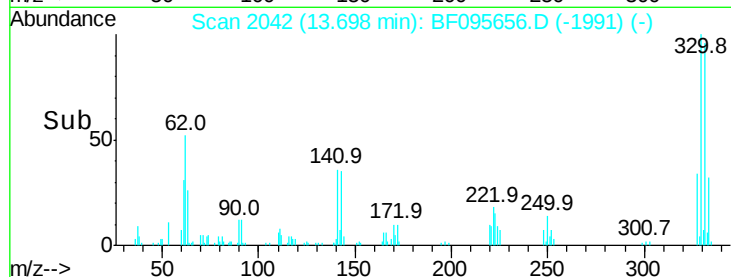
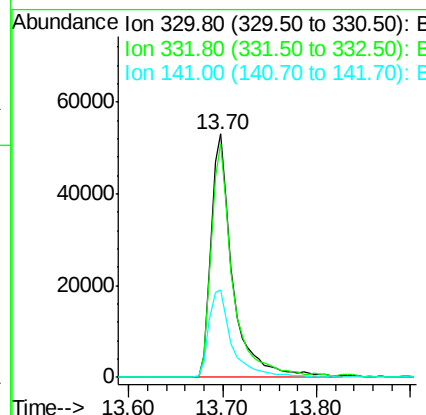
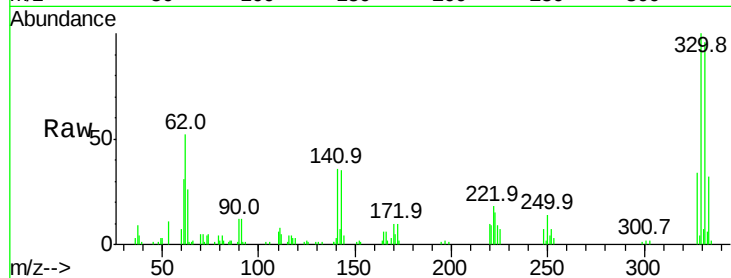




#41
 2,4,6-Tribromophenol
 Concen: 74.64 ng
 RT: 13.70 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

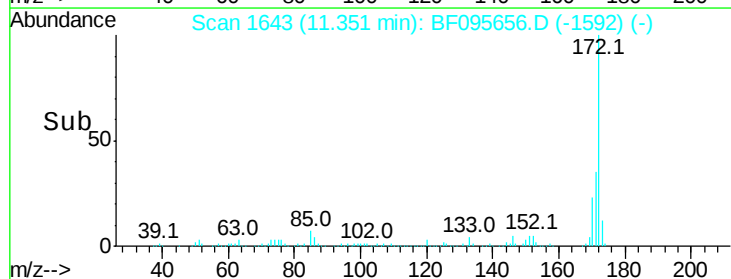
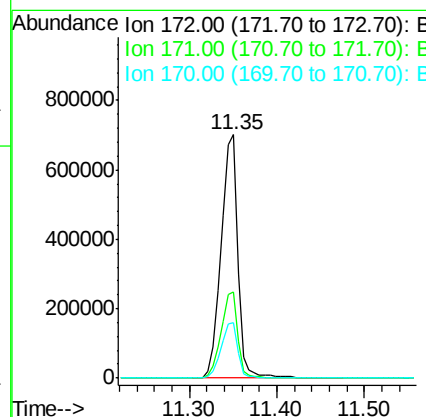
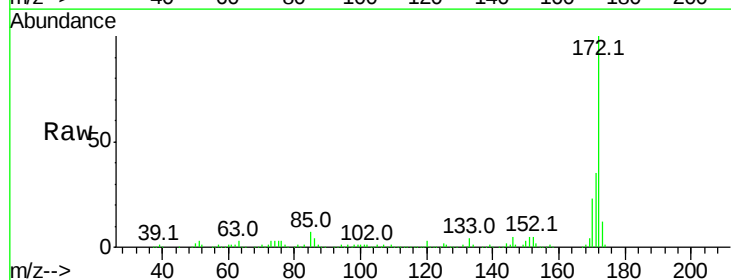
Instrument :
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 PB99424BL

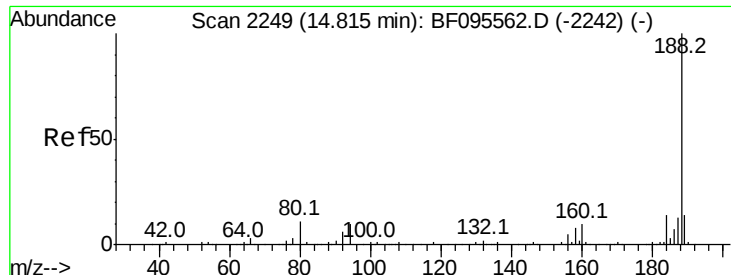
Tot Ion:330 Resp: 86324
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 38.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 95.94 ng
 RT: 11.35 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

Tgt Ion:172 Resp: 941239
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 22.6 19.8 29.8

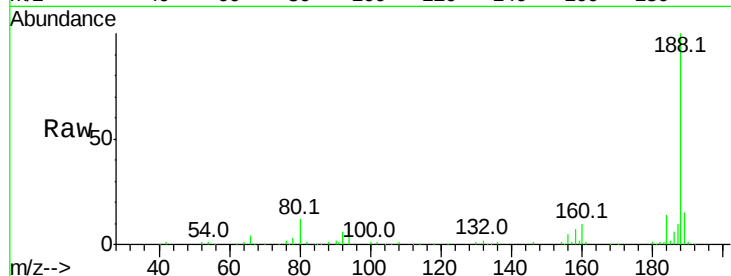




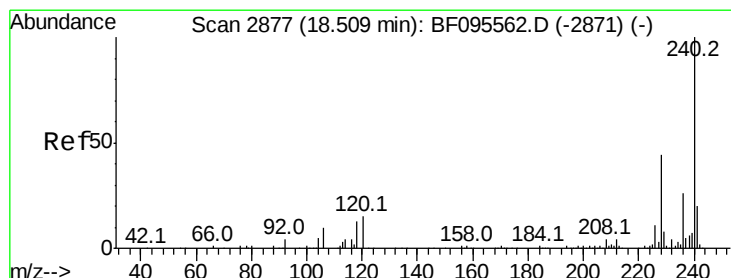
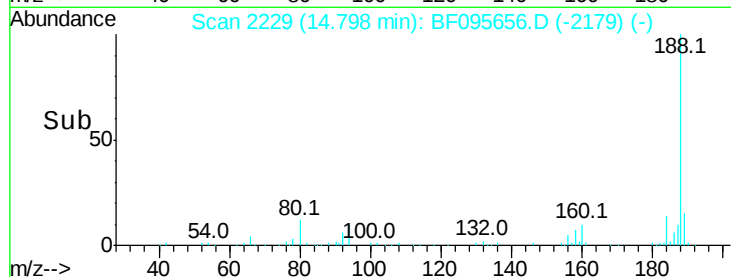
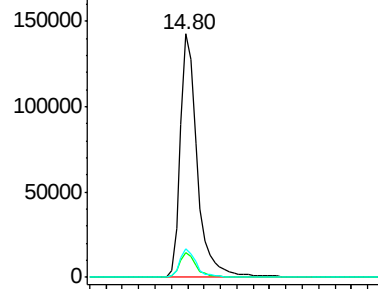
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

Instrument :
BNA_F
ClientSampleId :
PB99424BL

Tot Ion:188 Resp: 206206
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.6 10.2 15.2

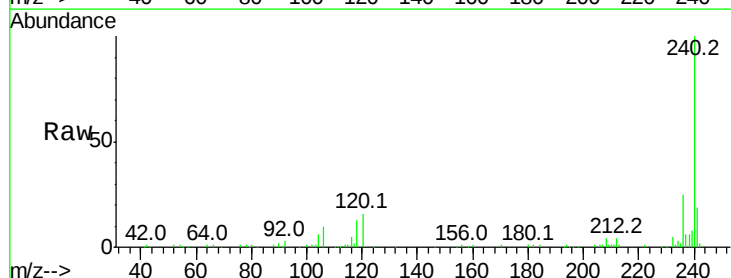


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

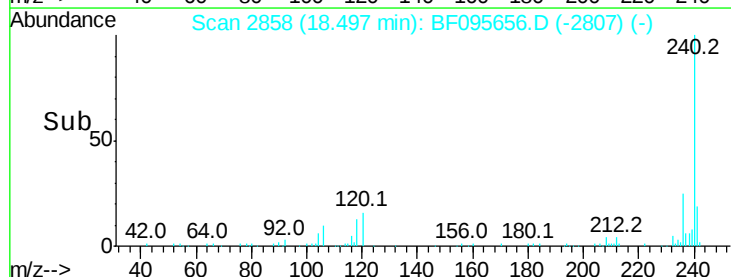
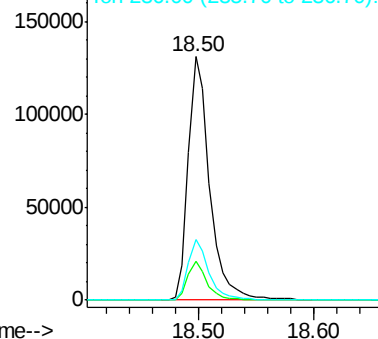


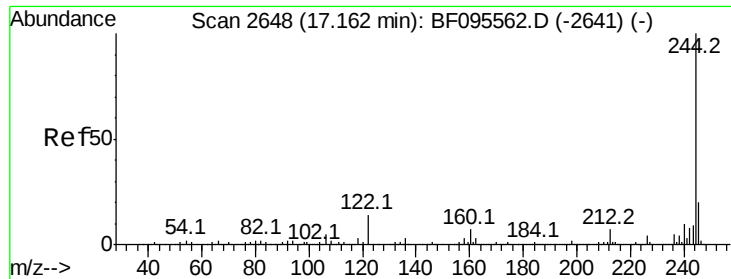
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095656.D
Acq: 3 Jun 2017 4:21

Tgt Ion:240 Resp: 169071
Ion Ratio Lower Upper
240 100
120 16.2 5.8 8.8#
236 25.0 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

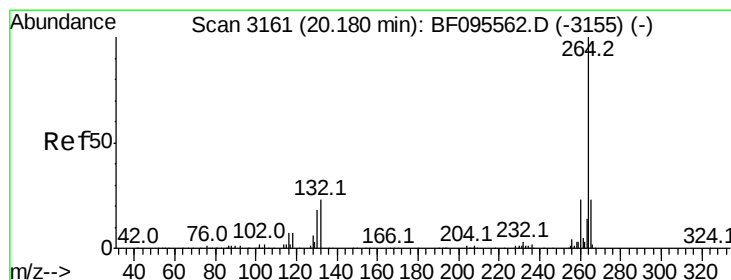
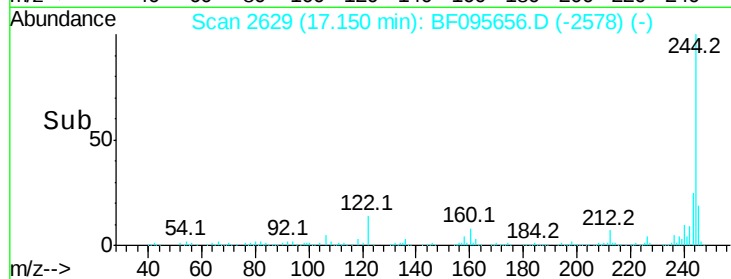
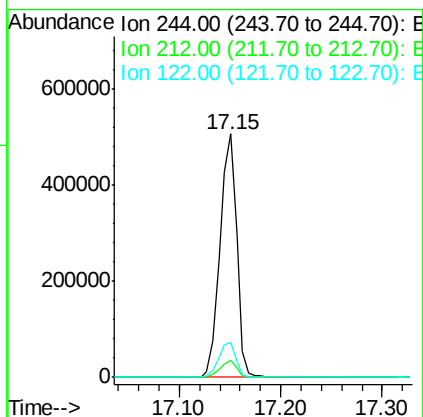
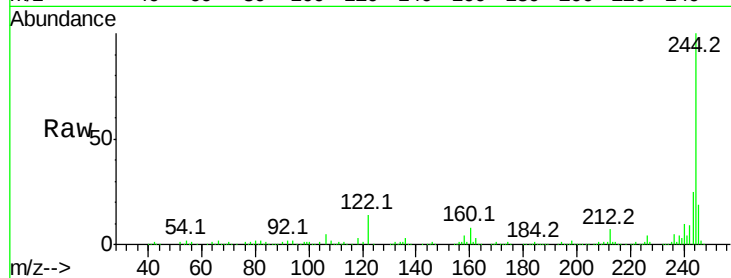




#78
 Terphenyl-d14
 Concen: 75.68 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

Instrument :
 BNA_F
 ClientSampleId :
 PB99424BL

Tot Ion:244 Resp: 580910
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3143
 Delta R.T. 0.01 min
 Lab File: BF095656.D
 Acq: 3 Jun 2017 4:21

Tgt Ion:264 Resp: 113430
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.1 17.2 25.8

