

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092671.D
 Acq On : 31 Jan 2017 9:28
 Operator : SJ/MA
 Sample : I1551-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GUNHILLFB-2-12517

Quant Time: Jan 31 10:25:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	153202	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	581975	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	273842	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	366424	20.00	ng	0.00
75) Chrysene-d12	14.13	240	299258	20.00	ng	-0.01
86) Perylene-d12	15.61	264	207068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	592120	66.31	ng	0.00
7) Phenol-d6	6.60	99	492052	42.83	ng	0.00
23) Nitrobenzene-d5	7.53	82	897389	85.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	221770	111.97	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1501258	99.32	ng	0.00
78) Terphenyl-d14	13.08	244	1071461	84.13	ng	0.00

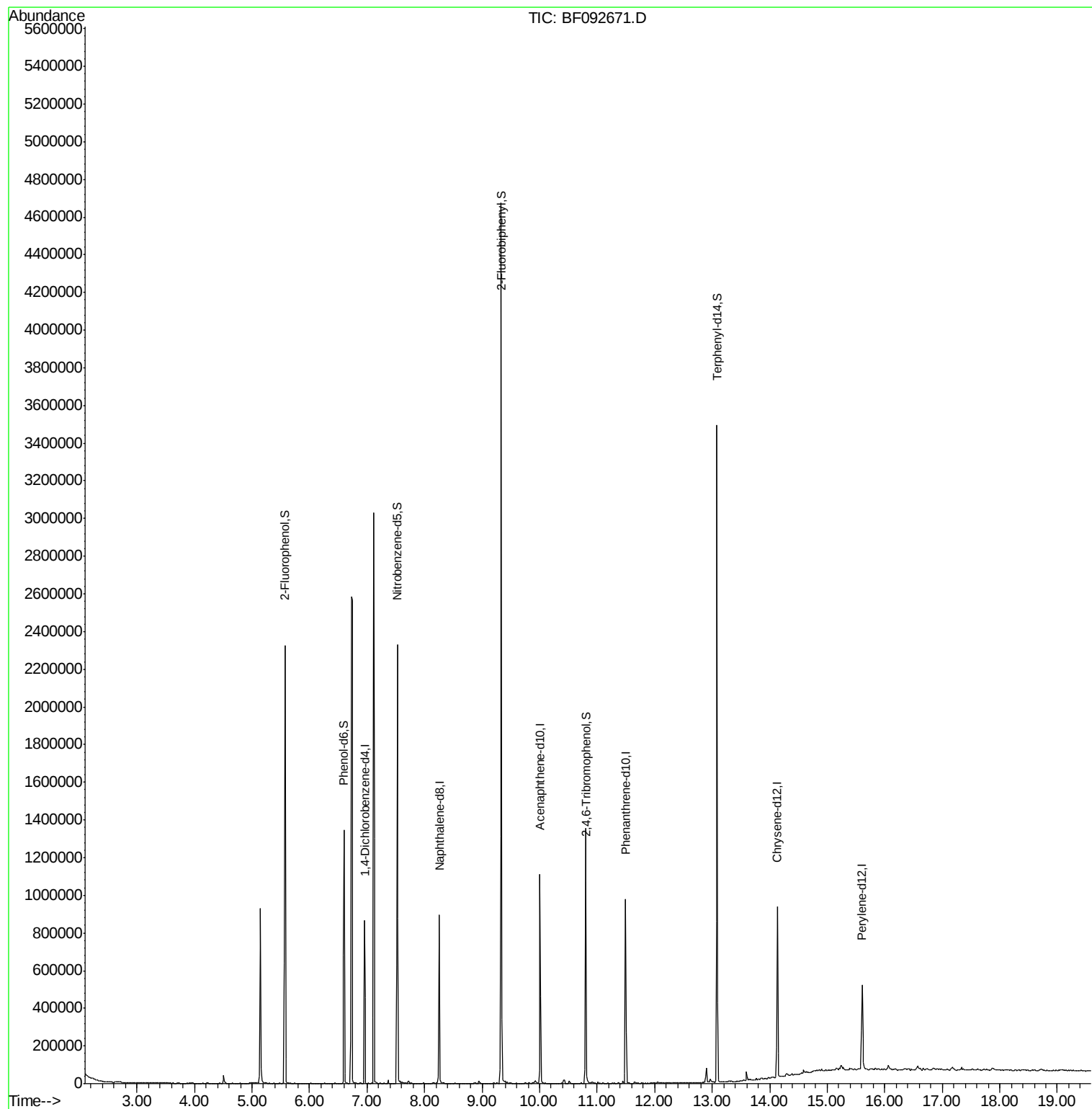
Target Compounds Qvalue

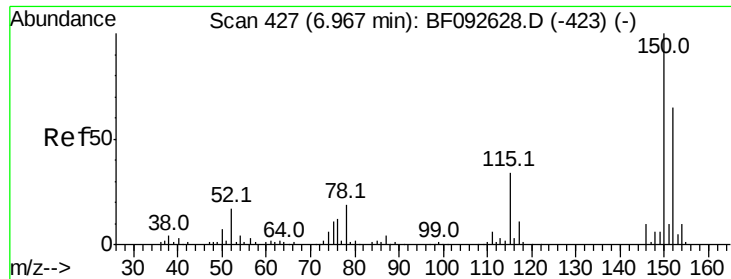
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092671.D

Acq: 31 Jan 2017 9:28

Instrument :

BNA_F

ClientSampleId :

GUNHILLFB-2-12517

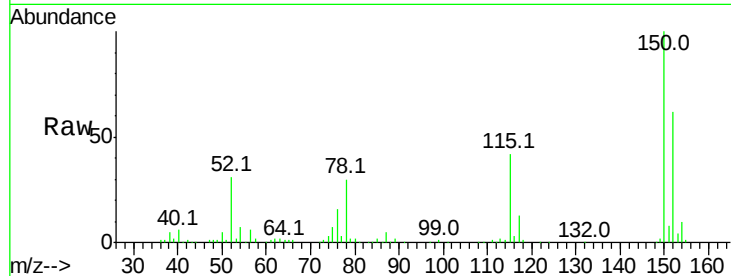
Tot Ion:152 Resp: 153202

Ion Ratio Lower Upper

152 100

150 161.3 124.9 187.3

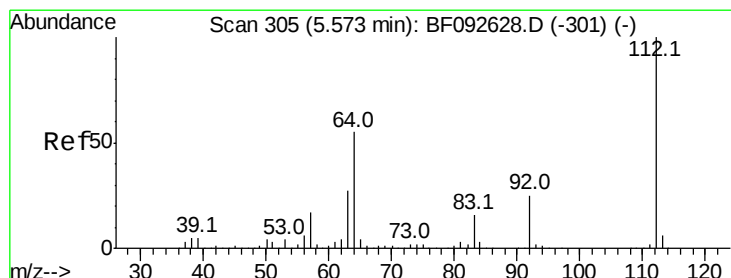
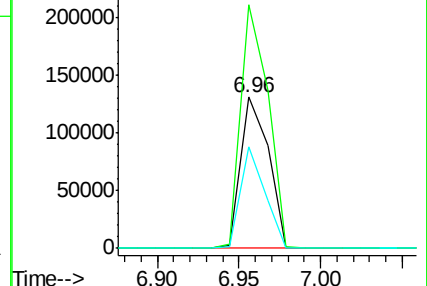
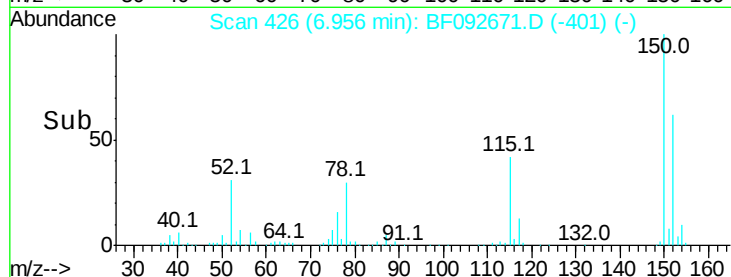
115 67.4 46.0 69.0



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: 66.31 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092671.D

Acq: 31 Jan 2017 9:28

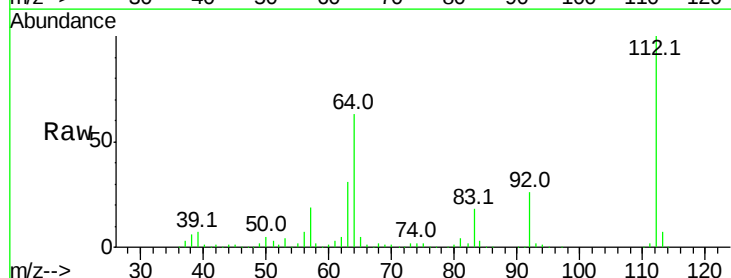
Tgt Ion:112 Resp: 592120

Ion Ratio Lower Upper

112 100

64 63.3 46.1 69.1

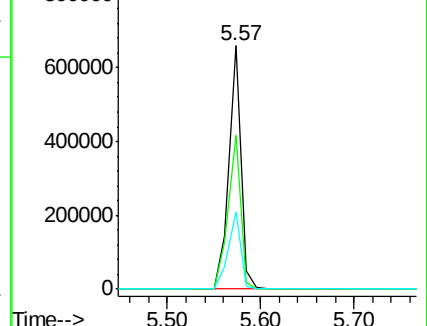
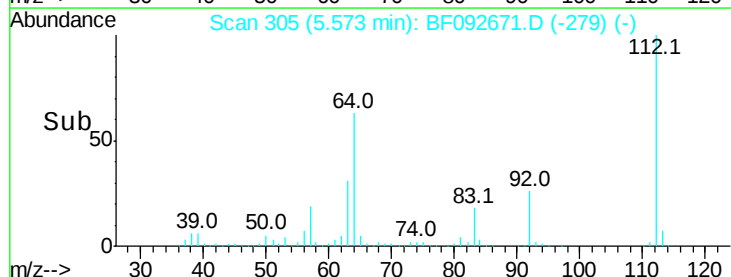
63 31.5 23.8 35.6



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: 42.83 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092671.D

Acq: 31 Jan 2017 9:28

Instrument :

BNA_F

ClientSampleId :

GUNHILLFB-2-12517

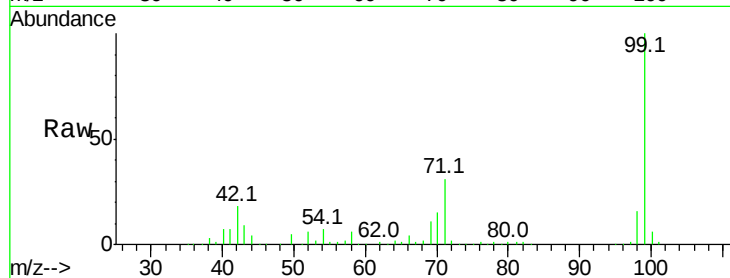
Tot Ion: 99 Resp: 492052

Ion Ratio Lower Upper

99 100

42 17.8 15.6 23.4

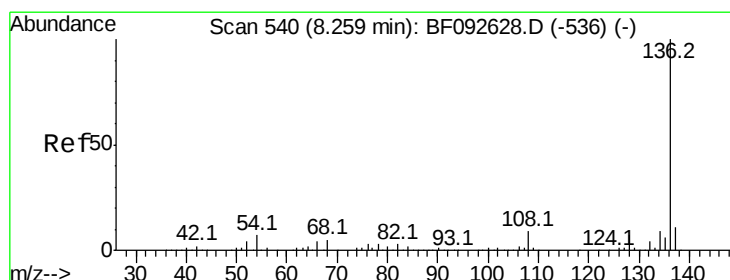
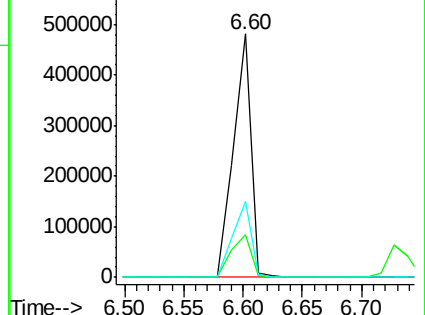
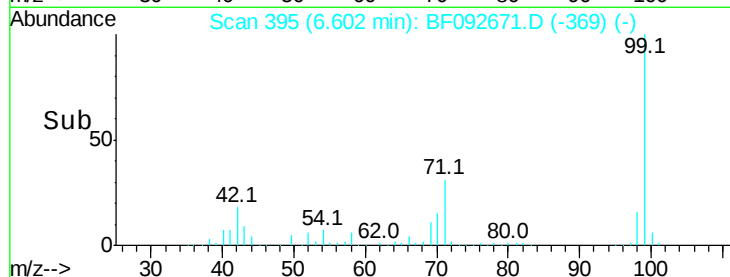
71 31.2 27.5 41.3



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: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF092671.D

Acq: 31 Jan 2017 9:28

Tgt Ion: 136 Resp: 581975

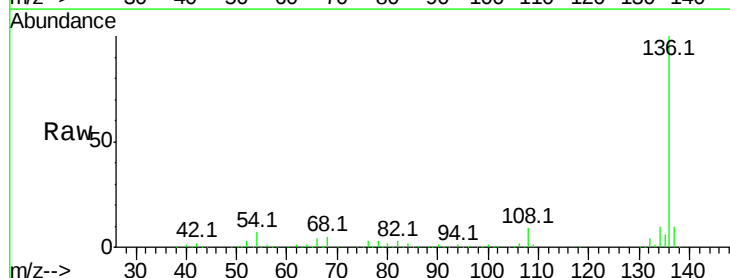
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 6.7 4.5 6.7

68 5.0 3.6 5.4

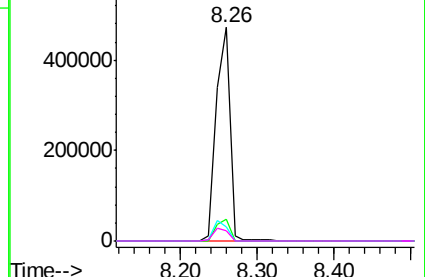
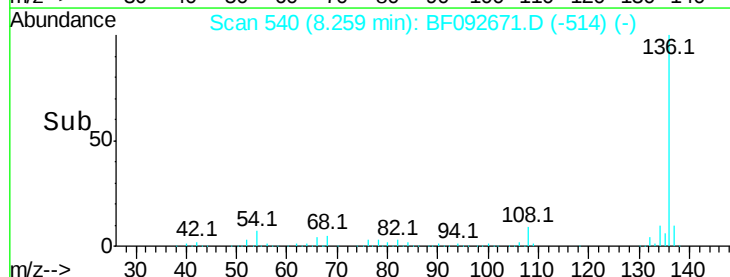


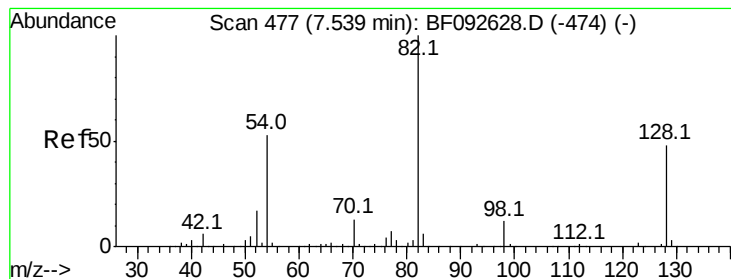
Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.87 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF092671.D

Acq: 31 Jan 2017 9:28

Instrument :

BNA_F

ClientSampleId :

GUNHILLFB-2-12517

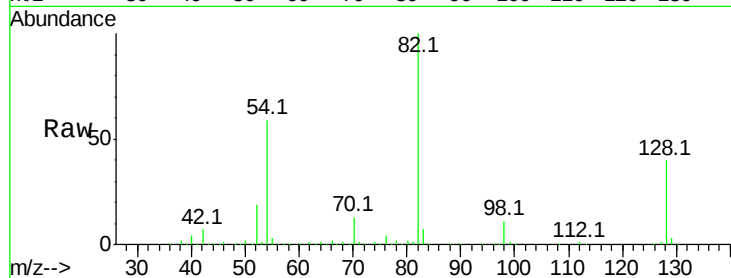
Tot Ion: 82 Resp: 897389

Ion Ratio Lower Upper

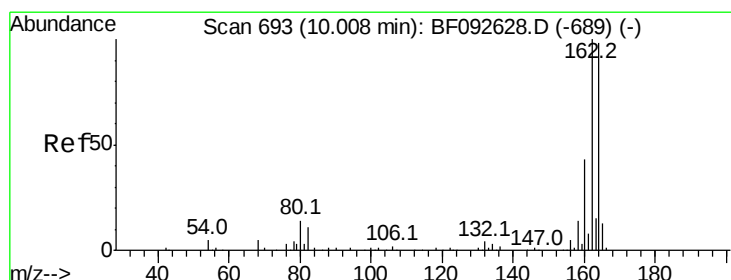
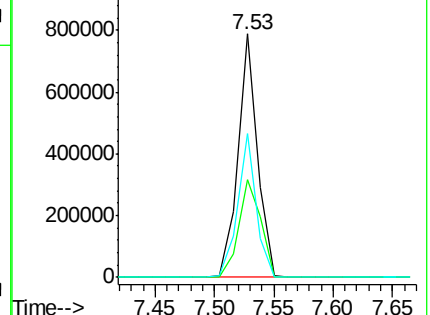
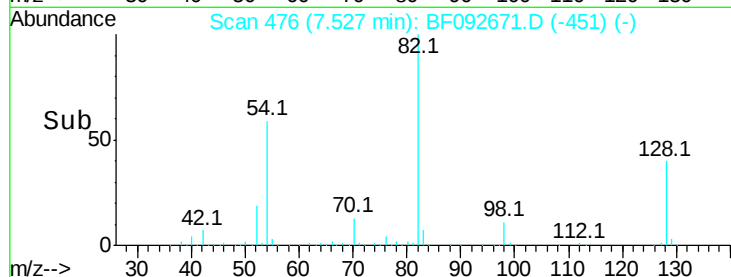
82 100

128 40.3 34.6 52.0

54 58.9 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF092671.D

Acq: 31 Jan 2017 9:28

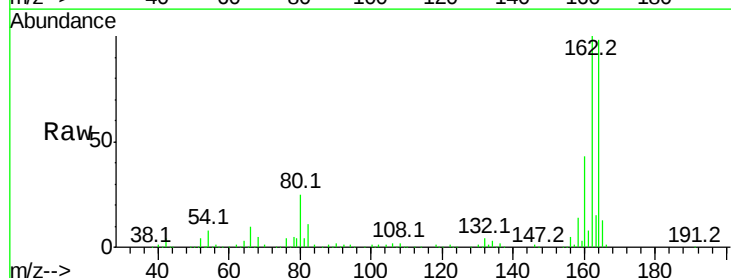
Tgt Ion:164 Resp: 273842

Ion Ratio Lower Upper

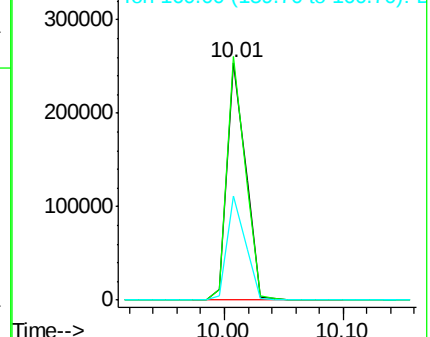
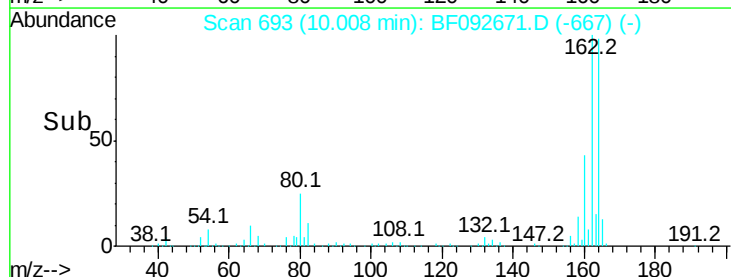
164 100

162 102.5 80.2 120.2

160 43.9 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

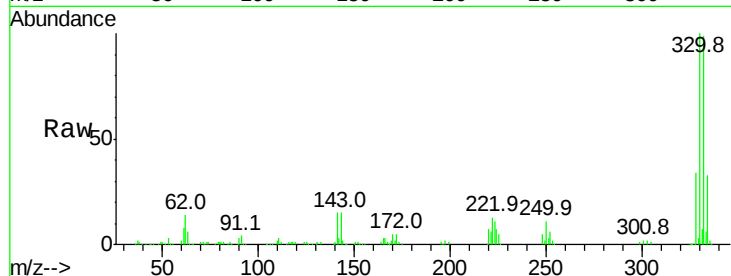




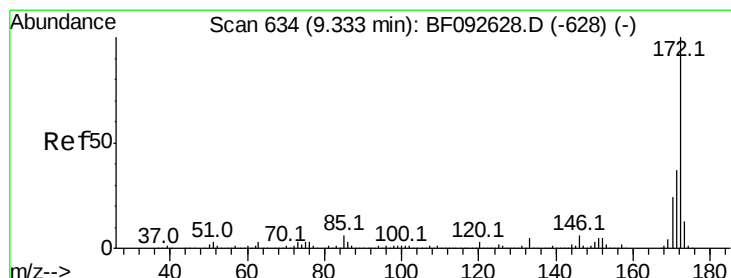
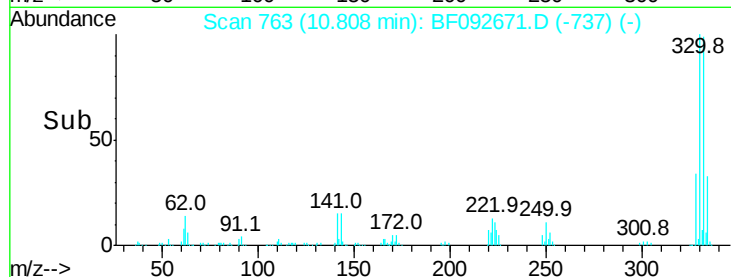
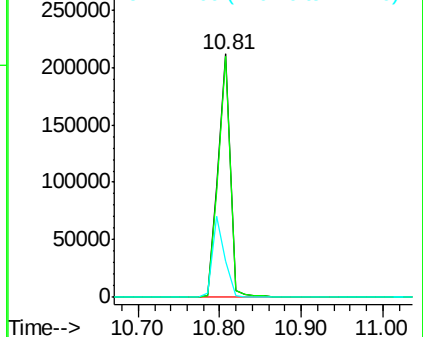
#41
 2,4,6-Tribromophenol
 Concen: 111.97 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF092671.D
 Acq: 31 Jan 2017 9:28

Instrument :
 BNA_F
 ClientSampleId :
 GUNHILLFB-2-12517

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.2
141	33.7	34.1	51.1#

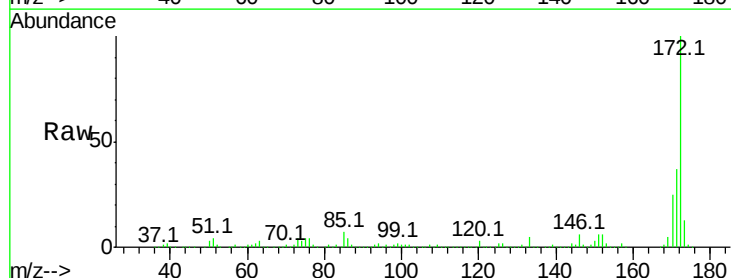


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

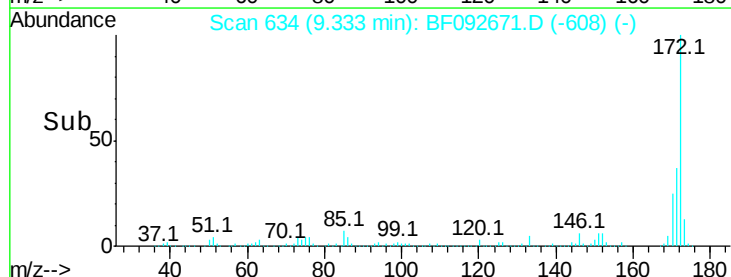
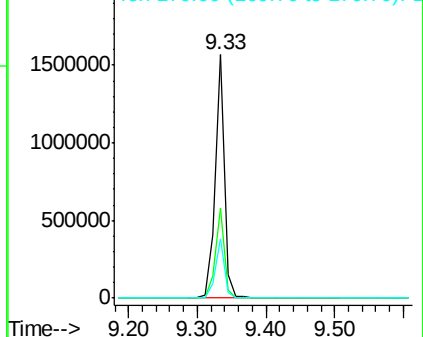


#44
 2-Fluorobiphenyl
 Concen: 99.32 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092671.D
 Acq: 31 Jan 2017 9:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.6	20.2	30.4



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

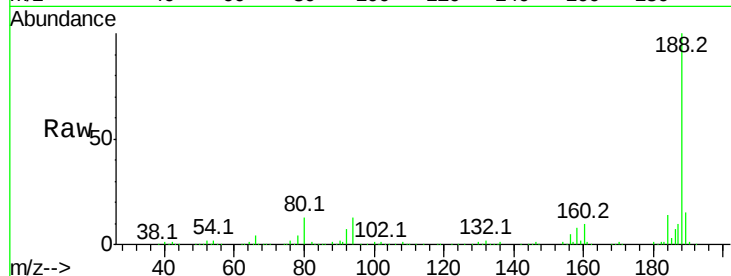




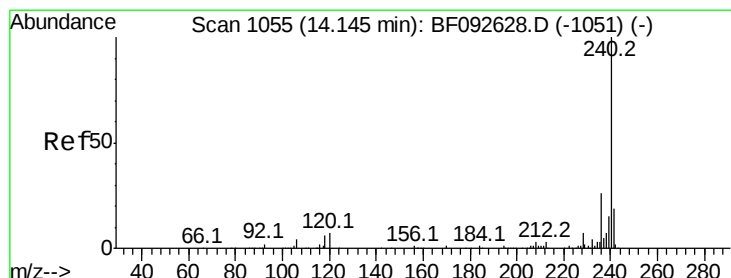
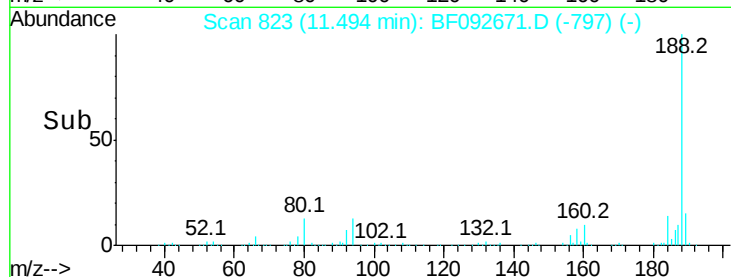
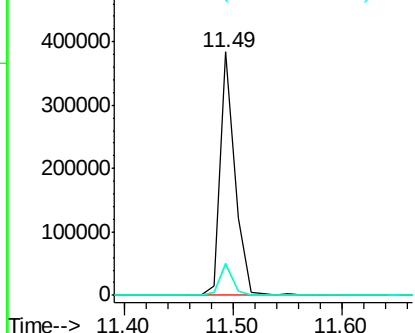
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092671.D
Acq: 31 Jan 2017 9:28

Instrument :
BNA_F
ClientSampleId :
GUNHILLFB-2-12517

Tot Ion:188 Resp: 366424
Ion Ratio Lower Upper
188 100
94 13.0 10.0 15.0
80 13.4 11.2 16.8

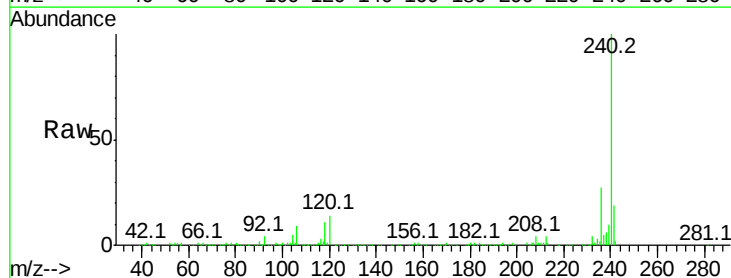


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

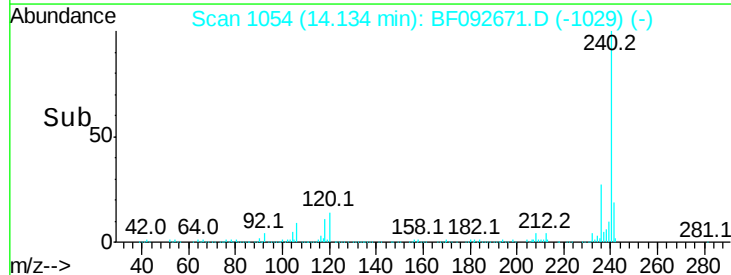
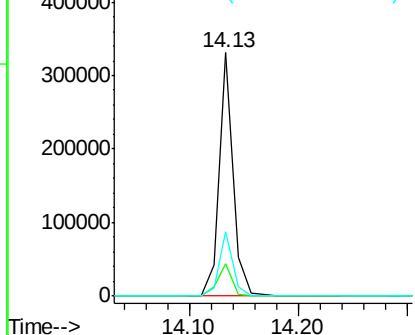


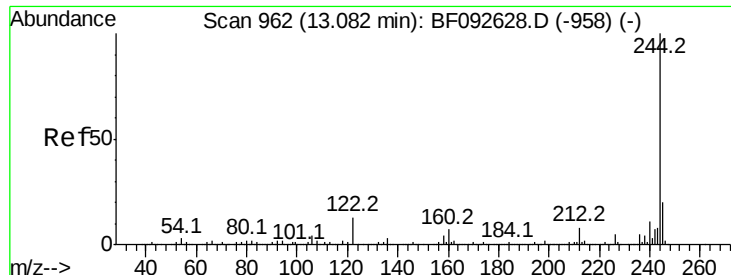
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092671.D
Acq: 31 Jan 2017 9:28

Tgt Ion:240 Resp: 299258
Ion Ratio Lower Upper
240 100
120 13.5 12.9 19.3
236 26.6 20.9 31.3



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: 84.13 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF092671.D

Acq: 31 Jan 2017 9:28

Instrument :

BNA_F

ClientSampleId :

GUNHILLFB-2-12517

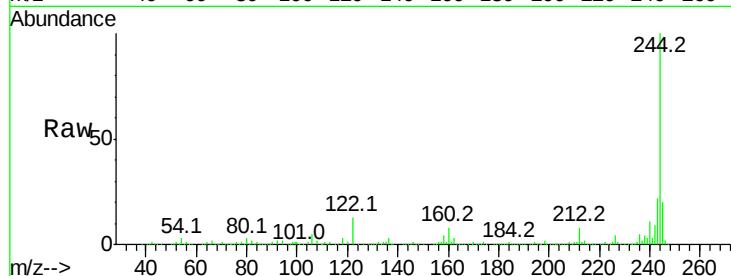
Tot Ion:244 Resp: 1071461

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

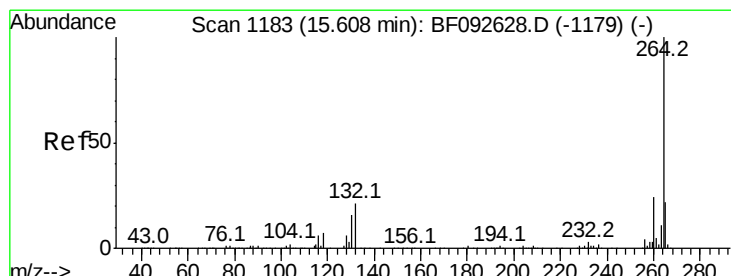
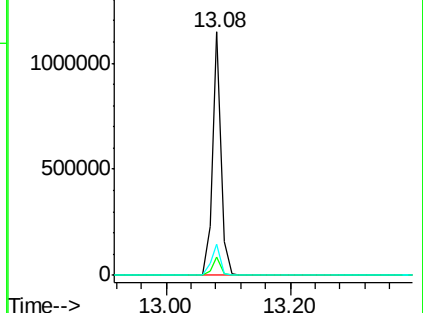
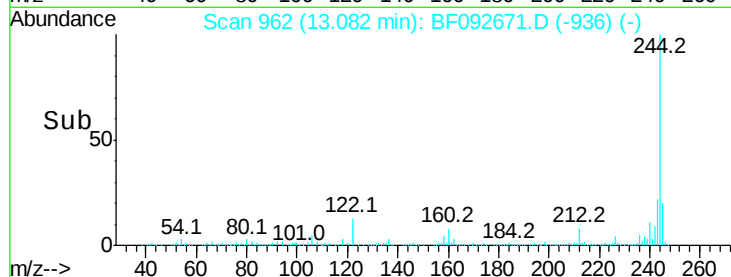
122 13.0 11.4 17.2



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: 15.61 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF092671.D

Acq: 31 Jan 2017 9:28

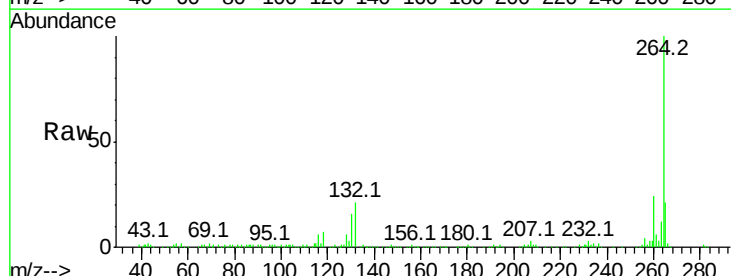
Tgt Ion:264 Resp: 207068

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.0 17.4 26.0



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

