

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092459.D
 Acq On : 25 Jan 2017 5:09
 Operator : UM/SJ
 Sample : I1397-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GUNHILL-FB-1-12017

Quant Time: Jan 25 05:51:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156343	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	597620	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	319983	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	511481	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	330119	20.00	ng	-0.02
86) Perylene-d12	15.63	264	306242	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	632207	62.91	ng	0.01
7) Phenol-d6	6.58	99	462154	36.11	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1129674	103.26	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	192766	88.40	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1554185	89.82	ng	-0.01
78) Terphenyl-d14	13.11	244	1373234	110.77	ng	-0.01

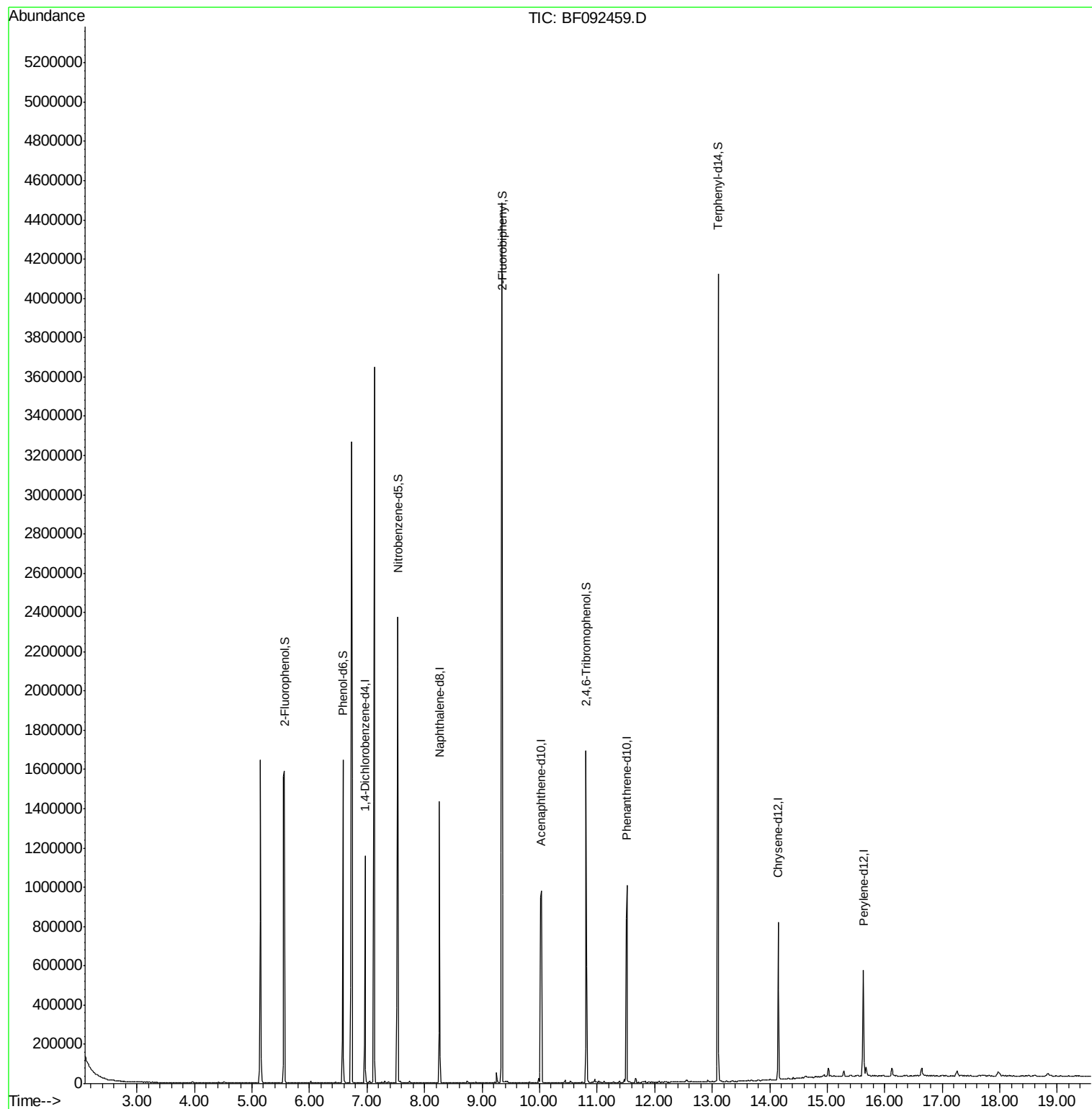
Target Compounds Qvalue

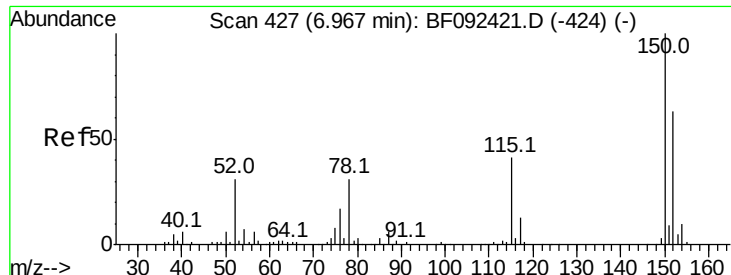
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092459.D

Acq: 25 Jan 2017 5:09

Instrument :

BNA_F

ClientSampleId :

GUNHILL-FB-1-12017

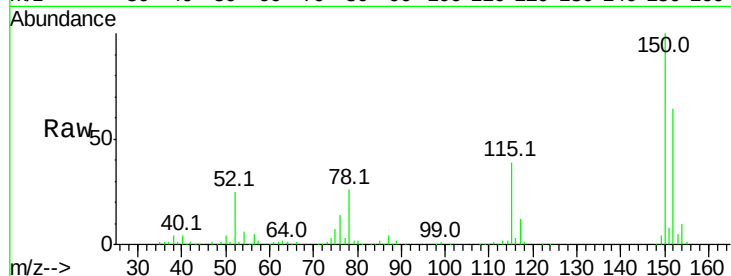
Tot Ion:152 Resp: 156343

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

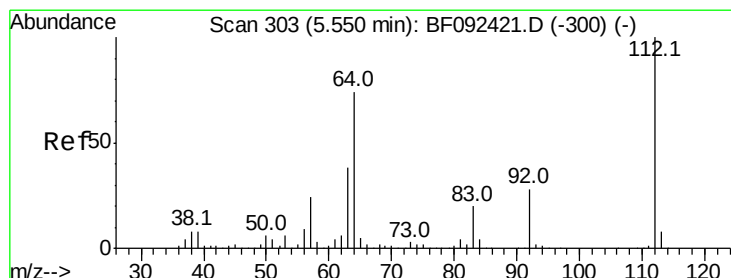
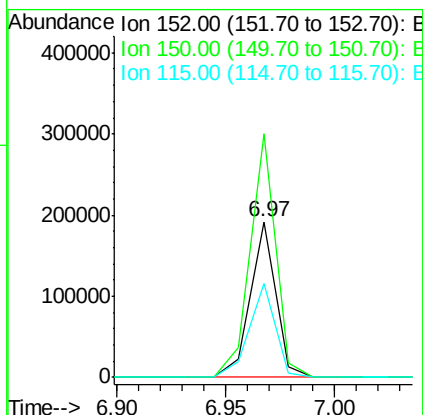
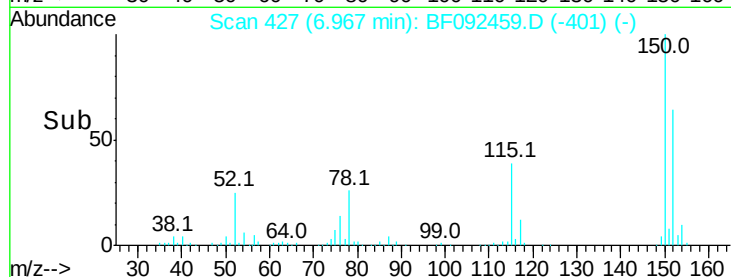
115 60.2 46.0 69.0



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: 62.91 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092459.D

Acq: 25 Jan 2017 5:09

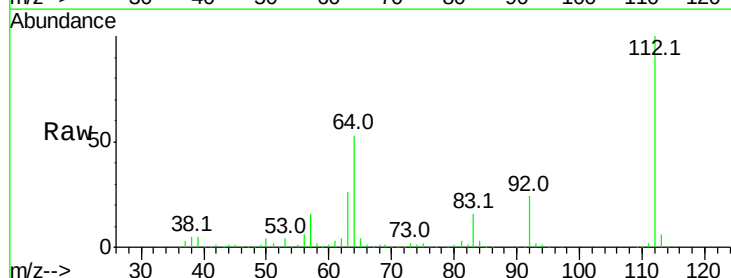
Tgt Ion:112 Resp: 632207

Ion Ratio Lower Upper

112 100

64 53.1 46.1 69.1

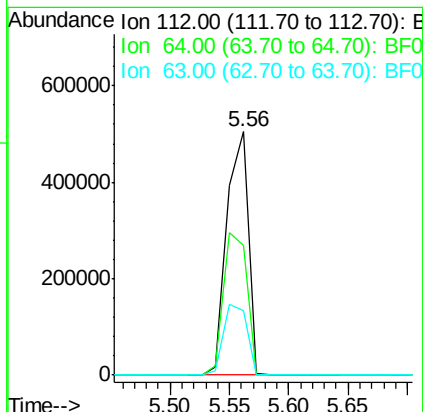
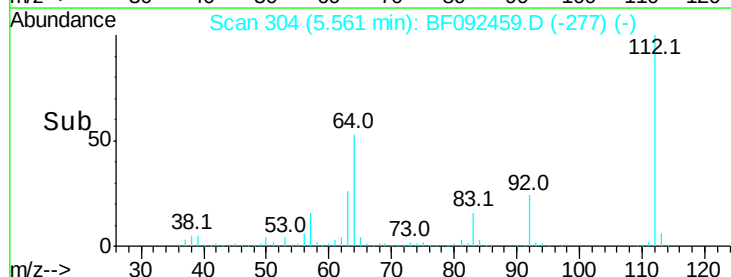
63 26.3 23.8 35.6

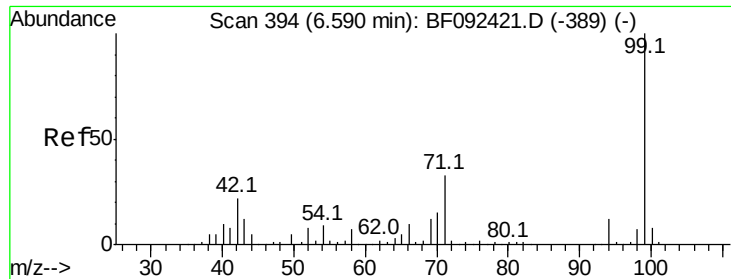


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.11 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092459.D

Acq: 25 Jan 2017 5:09

Instrument :

BNA_F

ClientSampleId :

GUNHILL-FB-1-12017

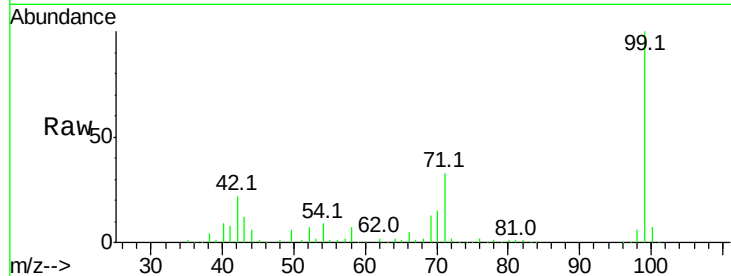
Tot Ion: 99 Resp: 462154

Ion Ratio Lower Upper

99 100

42 22.4 15.6 23.4

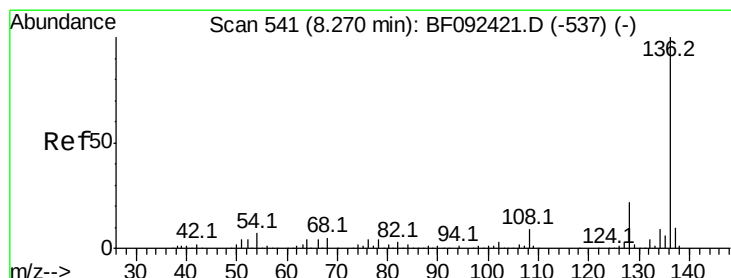
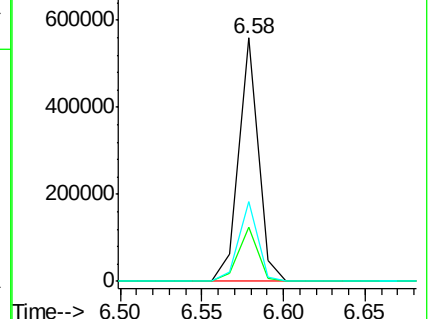
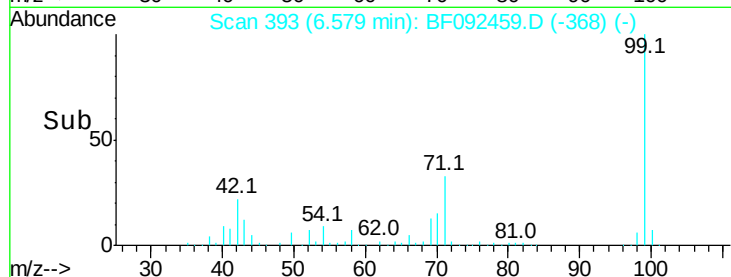
71 33.0 27.5 41.3



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. -0.01 min

Lab File: BF092459.D

Acq: 25 Jan 2017 5:09

Tgt Ion: 136 Resp: 597620

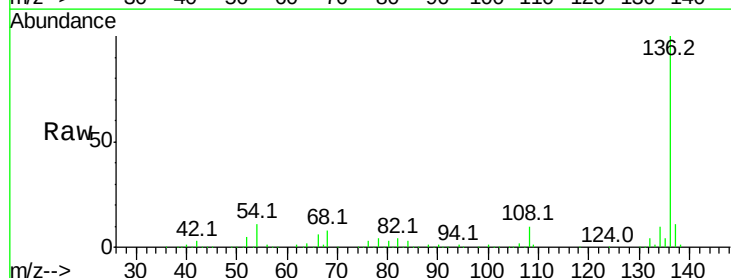
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.6 4.5 6.7#

68 7.7 3.6 5.4#

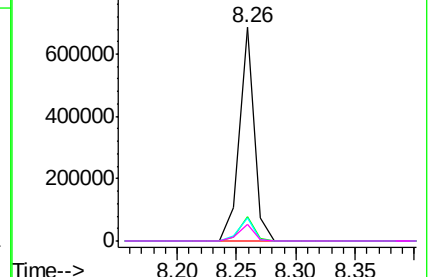
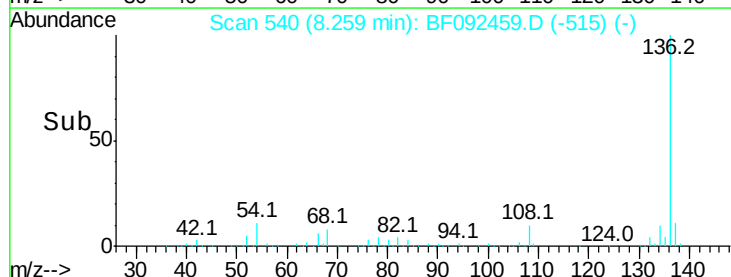


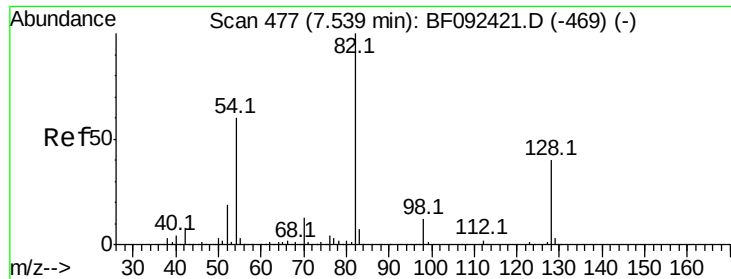
Abundance Ion 136.00 (135.70 to 136.70): E

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



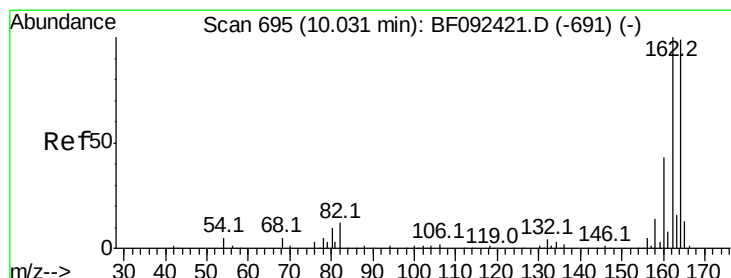
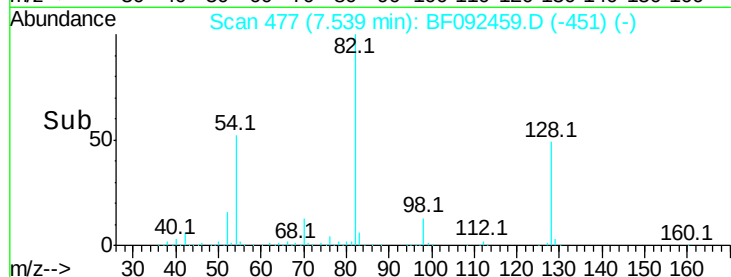
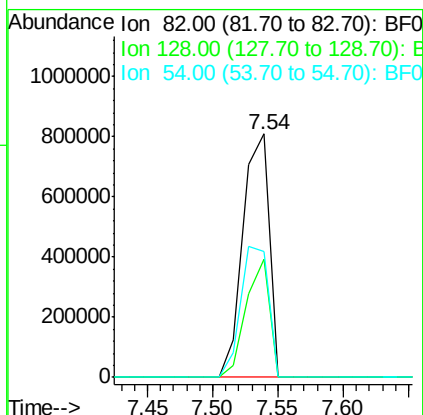
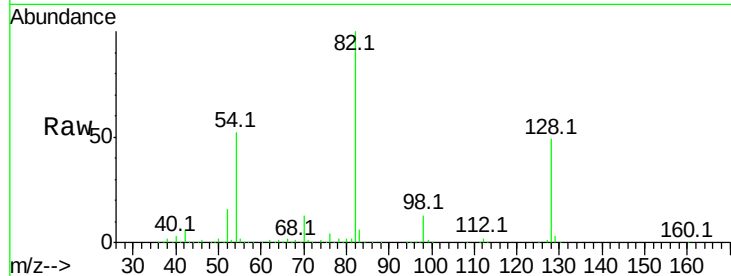


#23
 Nitrobenzene-d5
 Concen: 103.26 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092459.D
 Acq: 25 Jan 2017 5:09

Instrument :
 BNA_F
 ClientSampleId :
 GUNHILL-FB-1-12017

Tot Ion: 82 Resp: 1129674

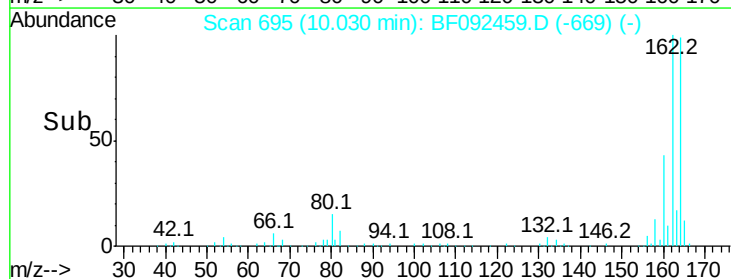
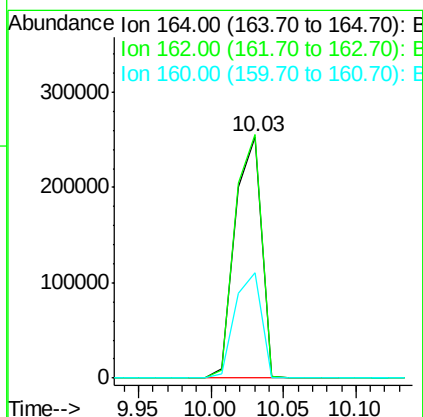
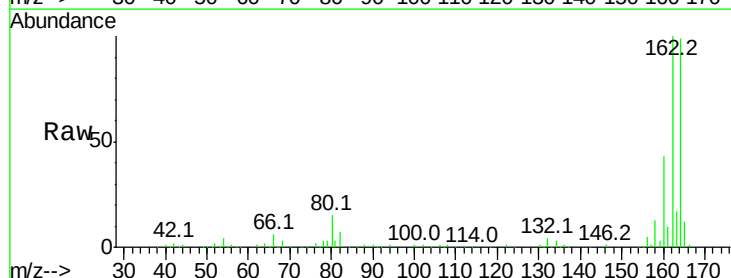
Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.6	52.0
54	51.9	39.5	59.3

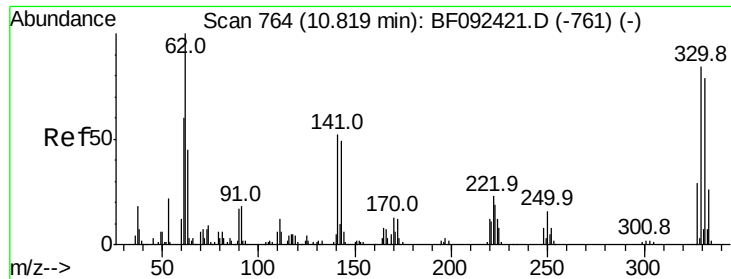


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092459.D
 Acq: 25 Jan 2017 5:09

Tgt Ion: 164 Resp: 319983

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	43.5	36.9	55.3





#41

2,4,6-Tribromophenol

Concen: 88.40 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF092459.D

Acq: 25 Jan 2017 5:09

Instrument :

BNA_F

ClientSampleId :

GUNHILL-FB-1-12017

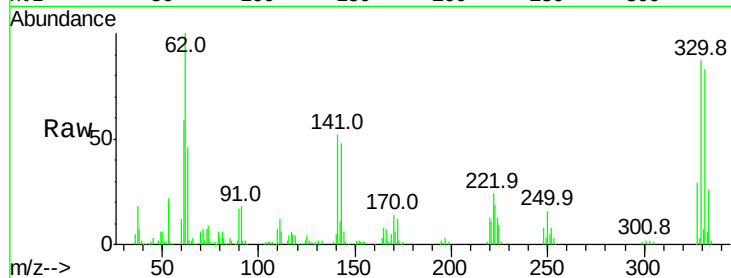
Tot Ion:330 Resp: 192766

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

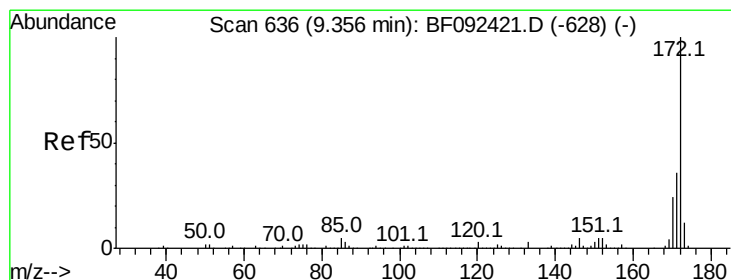
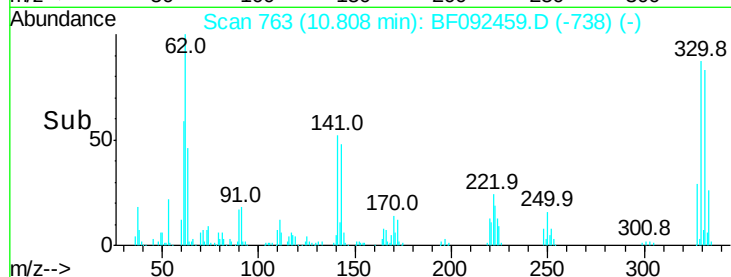
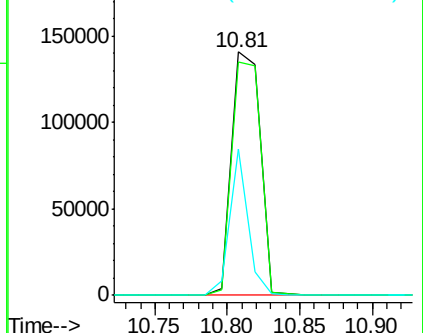
141 38.3 34.1 51.1



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: 89.82 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092459.D

Acq: 25 Jan 2017 5:09

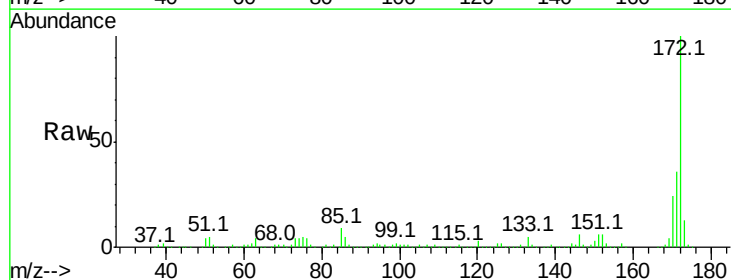
Tgt Ion:172 Resp: 1554185

Ion Ratio Lower Upper

172 100

171 35.8 29.4 44.0

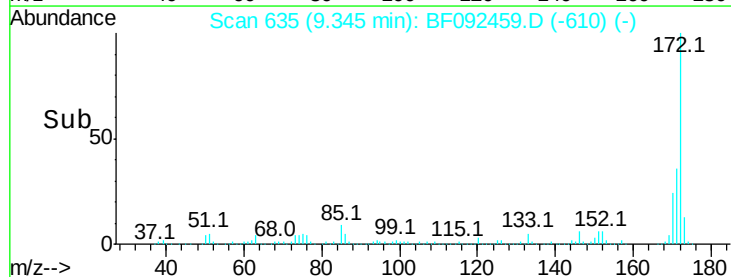
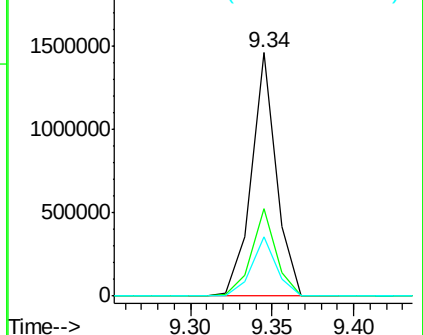
170 24.3 20.2 30.4

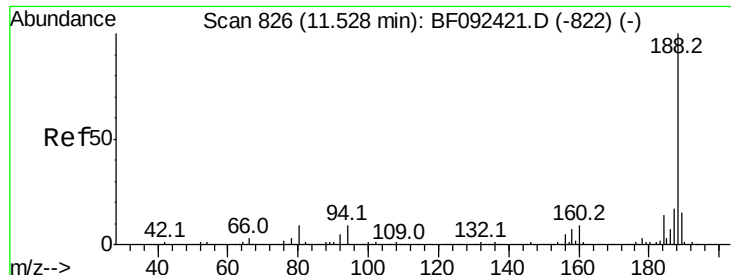


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

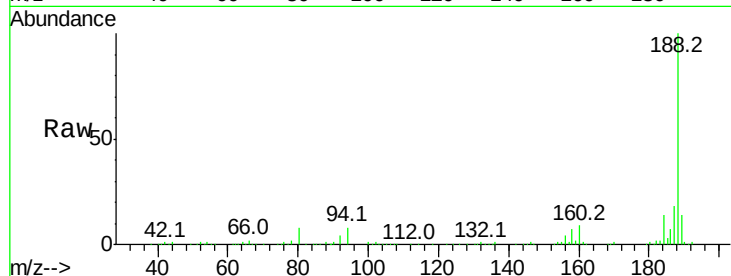




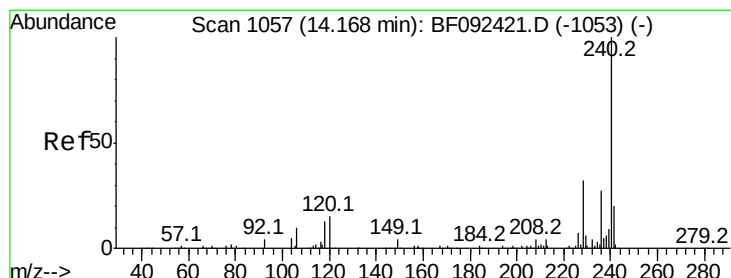
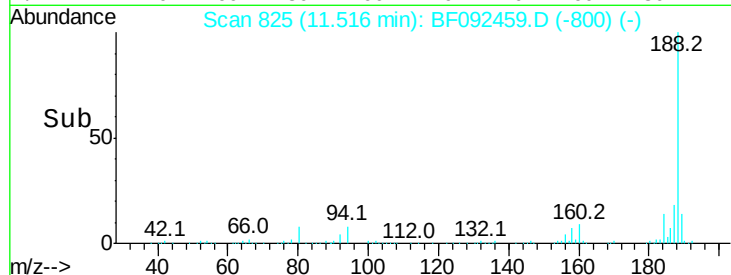
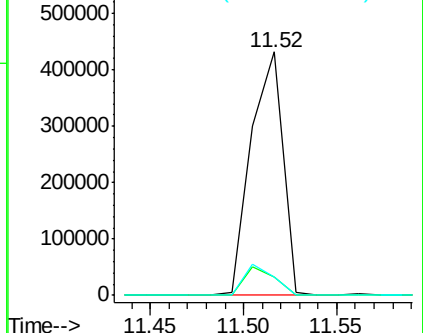
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092459.D
Acq: 25 Jan 2017 5:09

Instrument :
BNA_F
ClientSampleId :
GUNHILL-FB-1-12017

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	10.0	15.0#
80	7.5	11.2	16.8#

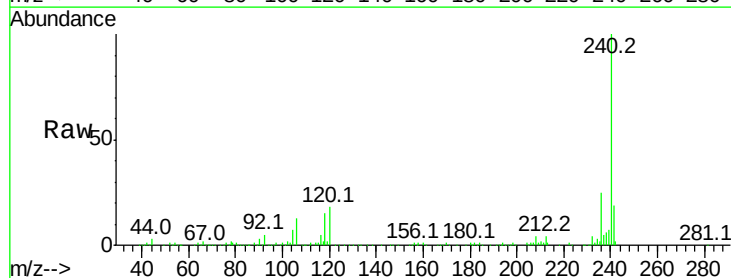


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

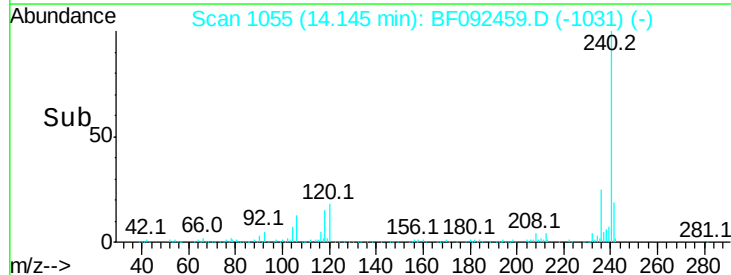
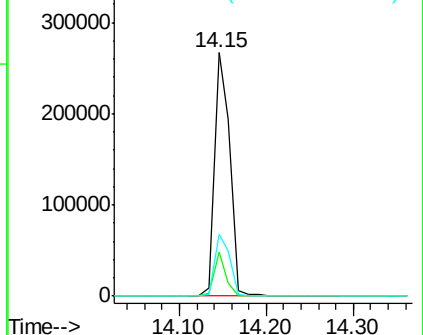


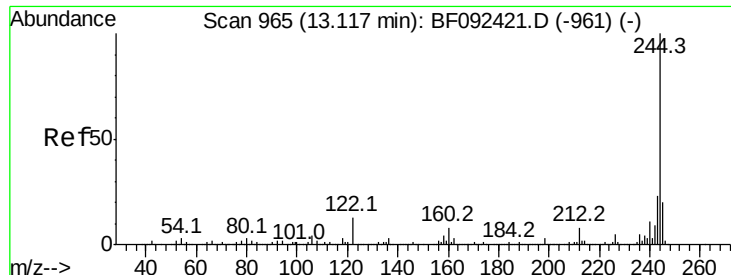
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092459.D
Acq: 25 Jan 2017 5:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.0	12.9	19.3
236	25.4	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: 110.77 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092459.D

Acq: 25 Jan 2017 5:09

Instrument :

BNA_F

ClientSampleId :

GUNHILL-FB-1-12017

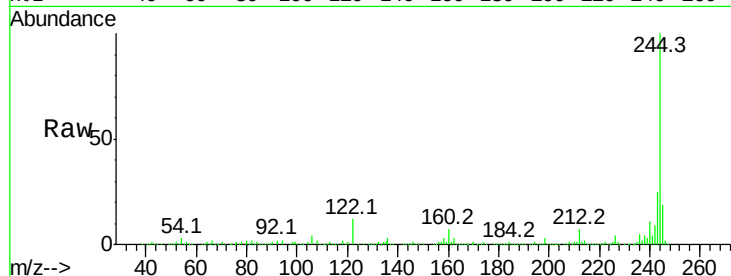
Tot Ion:244 Resp: 1373234

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

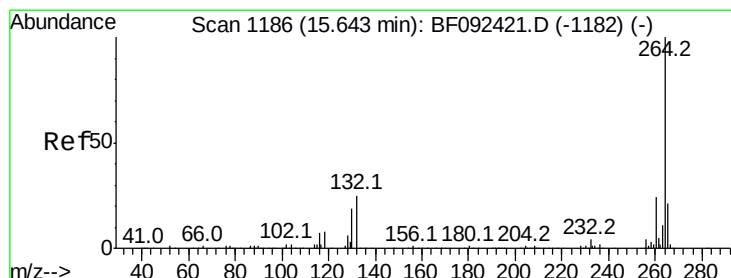
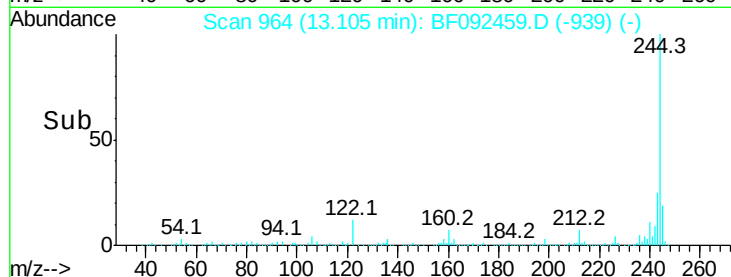
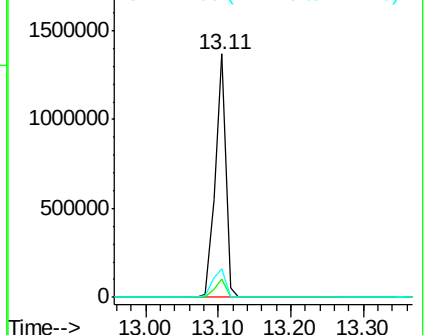
122 11.6 11.4 17.2



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: 15.63 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF092459.D

Acq: 25 Jan 2017 5:09

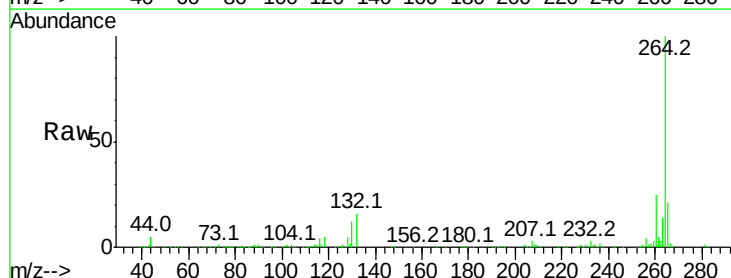
Tgt Ion:264 Resp: 306242

Ion Ratio Lower Upper

264 100

260 24.9 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

