

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092479.D
 Acq On : 25 Jan 2017 16:27
 Operator : SJ/MA
 Sample : PB96304BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96304BL

Quant Time: Jan 25 18:11:46 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	170653	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	699999	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	369066	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	616652	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	506284	20.00	ng	-0.02
86) Perylene-d12	15.62	264	416497	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1330923	121.34	ng	0.02
7) Phenol-d6	6.59	99	1613319	115.47	ng	0.00
23) Nitrobenzene-d5	7.53	82	987139	77.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	357444	142.12	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1721662	86.26	ng	-0.01
78) Terphenyl-d14	13.11	244	1625896	85.52	ng	-0.01

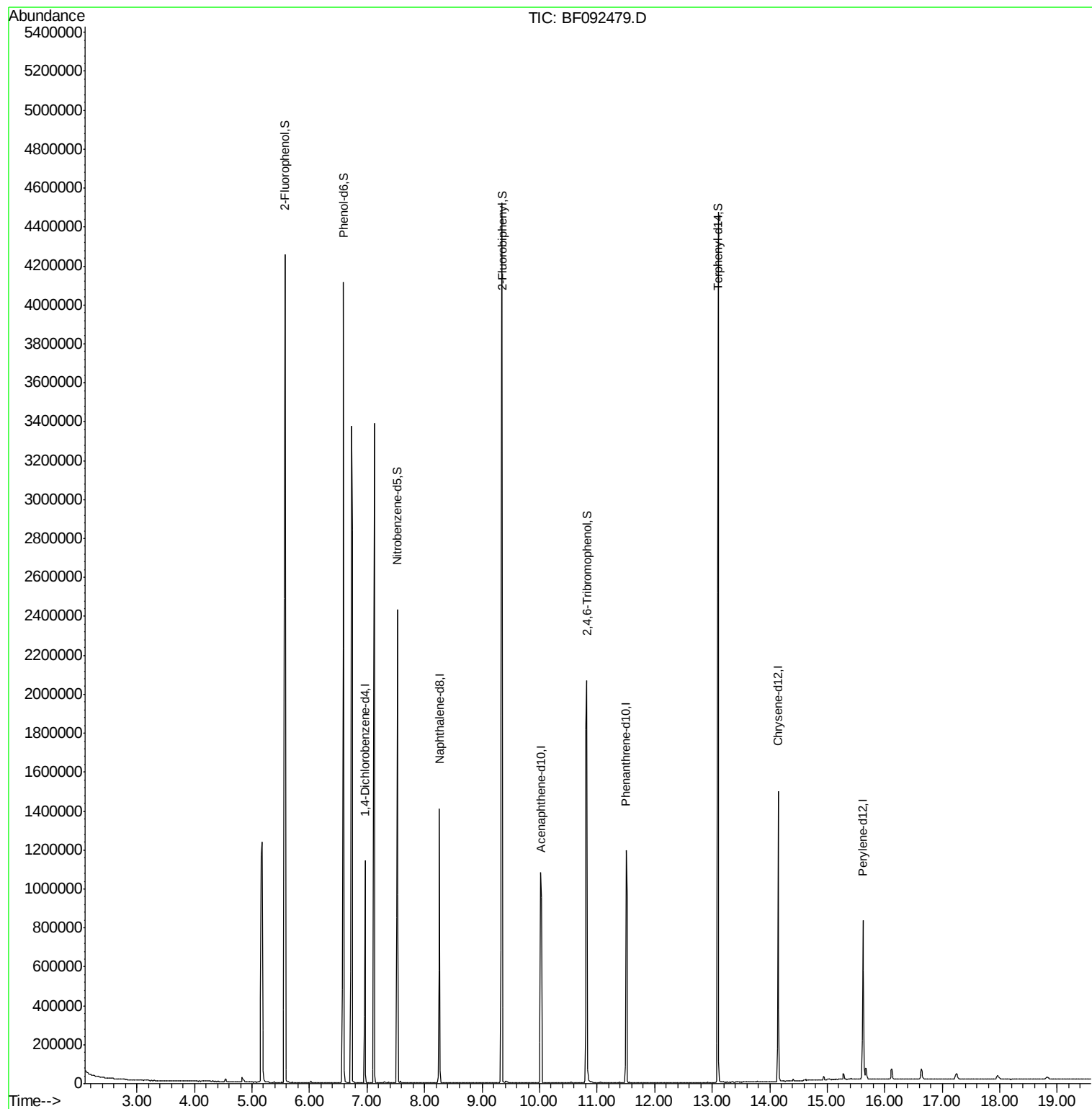
Target Compounds Qvalue

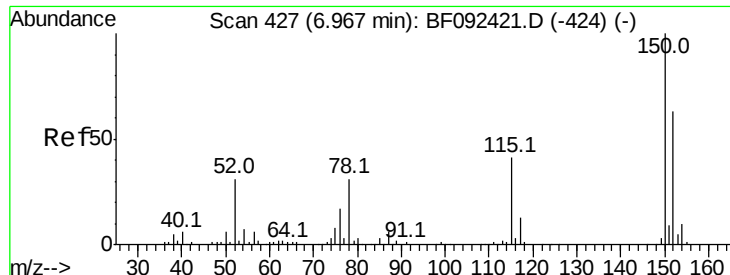
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092479.D
Acq On : 25 Jan 2017 16:27
Operator : SJ/MA
Sample : PB96304BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96304BL

Quant Time: Jan 25 18:11:46 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



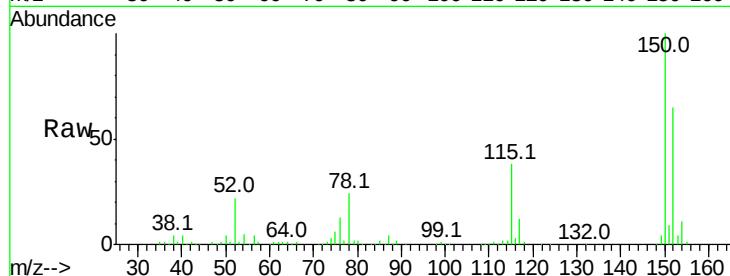


#1

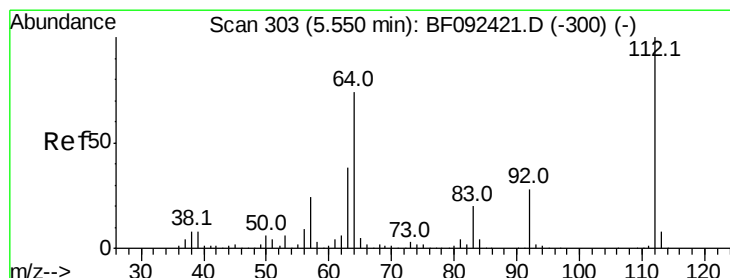
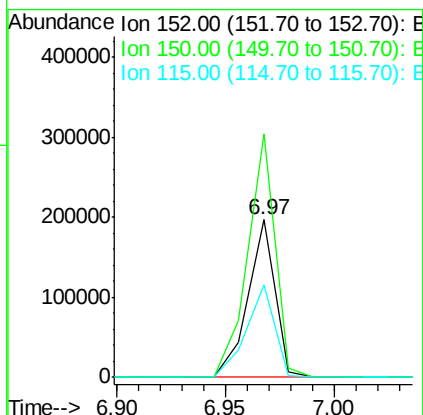
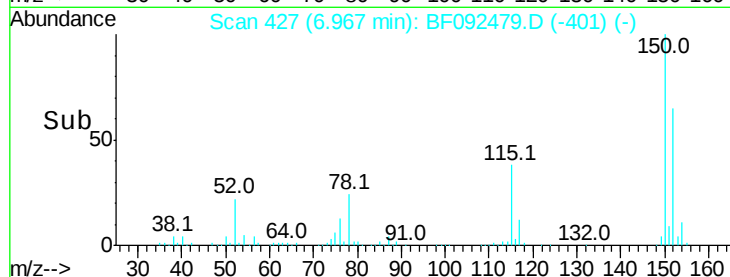
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF092479.D
 Acq: 25 Jan 2017 16:27

Instrument :
 BNA_F
 ClientSampleId :
 PB96304BL

Tot Ion:152 Resp: 170653
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.9 187.3
 115 58.8 46.0 69.0



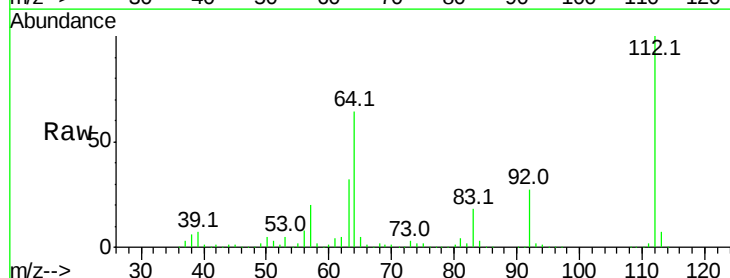
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



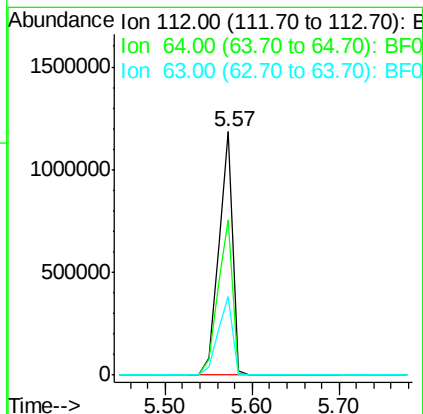
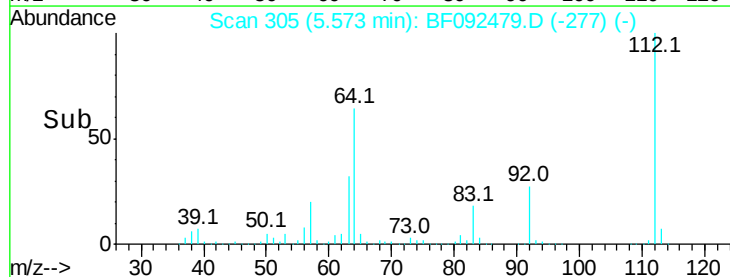
#5

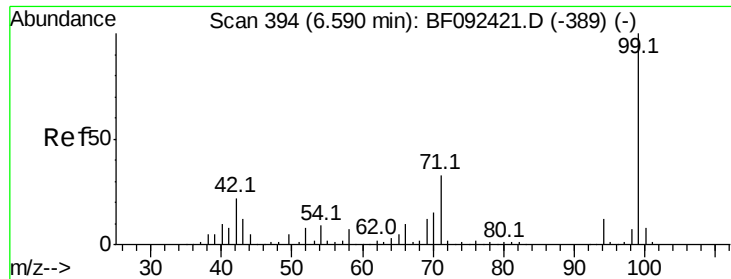
2-Fluorophenol
 Concen: 121.34 ng
 RT: 5.57 min Scan# 305
 Delta R.T. 0.02 min
 Lab File: BF092479.D
 Acq: 25 Jan 2017 16:27

Tgt Ion:112 Resp: 1330923
 Ion Ratio Lower Upper
 112 100
 64 63.8 46.1 69.1
 63 32.4 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: 115.47 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092479.D

Acq: 25 Jan 2017 16:27

Instrument :

BNA_F

ClientSampleId :

PB96304BL

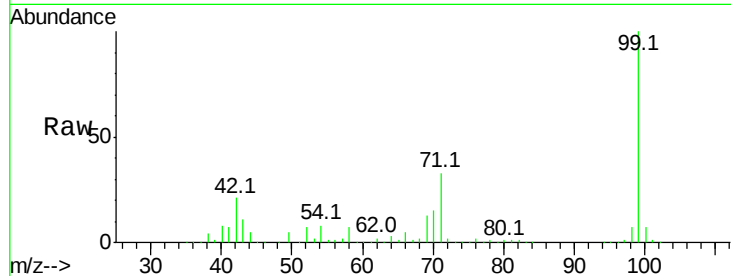
Tot Ion: 99 Resp: 1613319

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.6	23.4
71	33.4	27.5	41.3

99 100

42 20.6 15.6 23.4

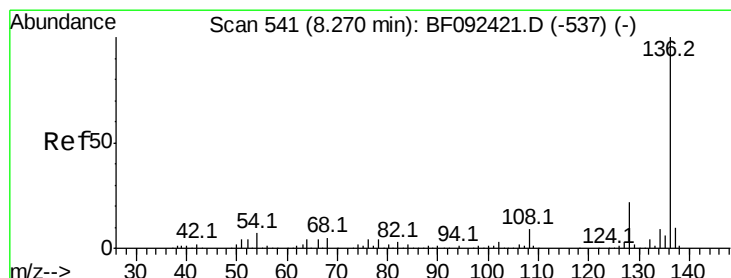
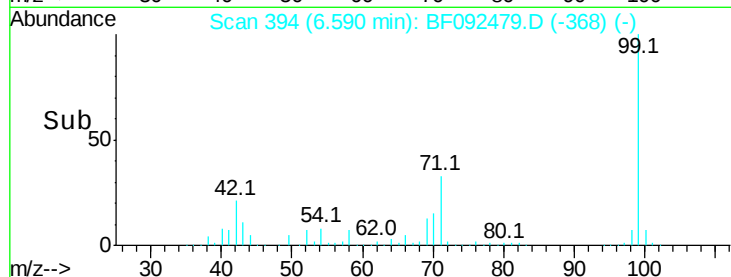
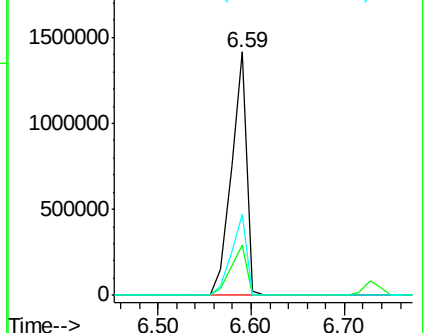
71 33.4 27.5 41.3



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: BF092479.D

Acq: 25 Jan 2017 16:27

Tgt Ion:136 Resp: 699999

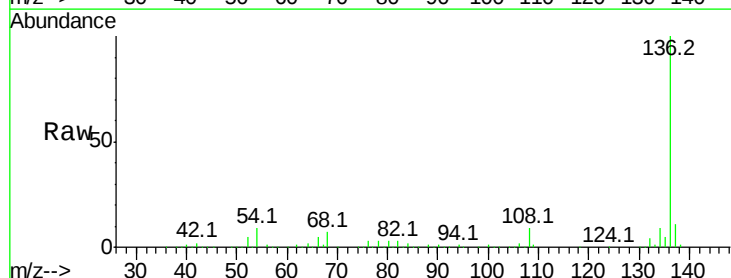
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	9.1	4.5	6.7#
68	6.6	3.6	5.4#

136 100

137 10.8 8.4 12.6

54 9.1 4.5 6.7#

68 6.6 3.6 5.4#

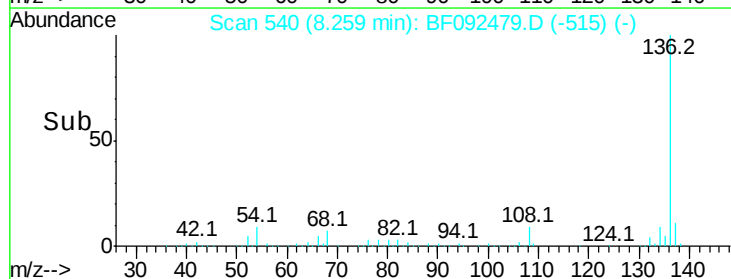
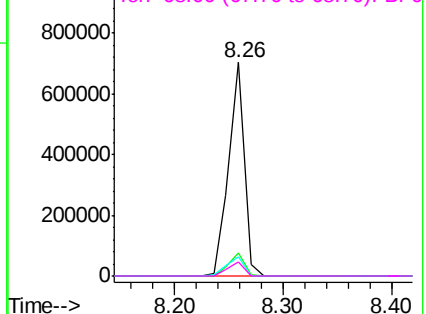


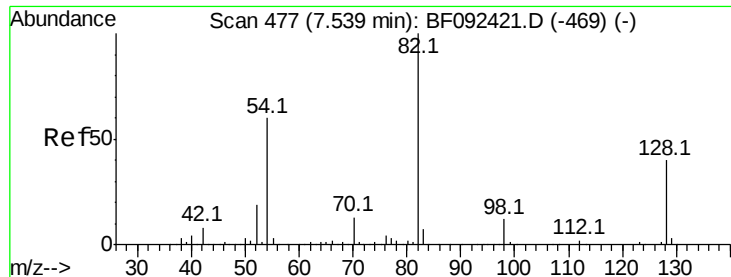
Abundance Ion 136.00 (135.70 to 136.70): E

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

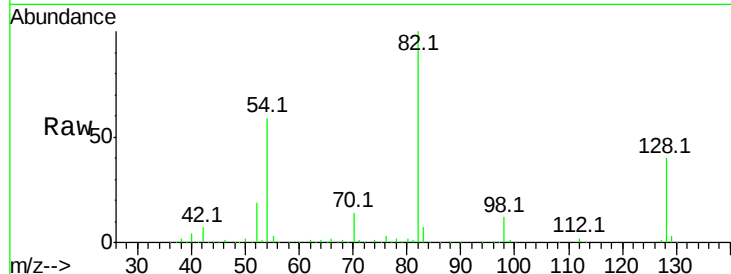




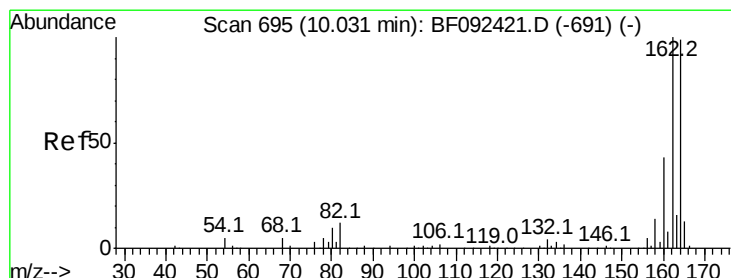
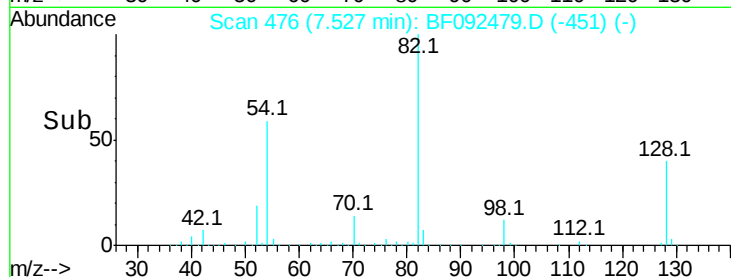
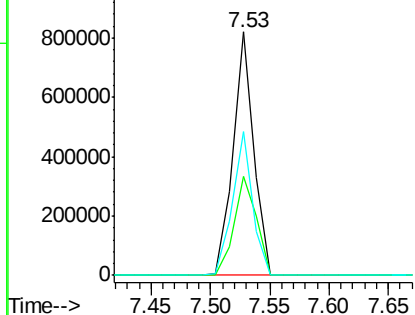
#23
Nitrobenzene-d5
Concen: 77.03 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092479.D
Acq: 25 Jan 2017 16:27

Instrument :
BNA_F
ClientSampleId :
PB96304BL

Tot Ion: 82 Resp: 987139
Ion Ratio Lower Upper
82 100
128 40.5 34.6 52.0
54 58.8 39.5 59.3

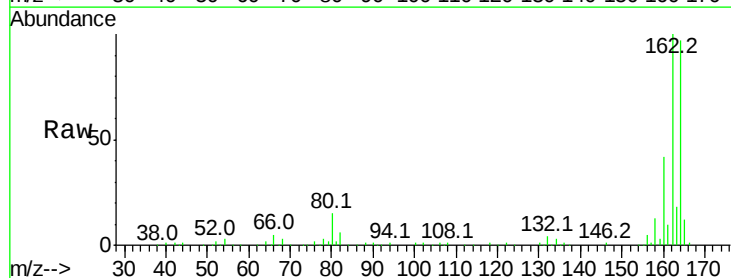


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

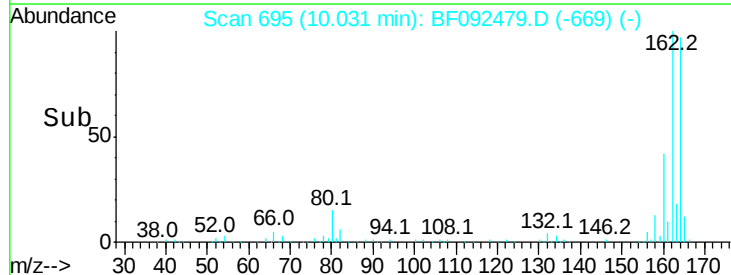
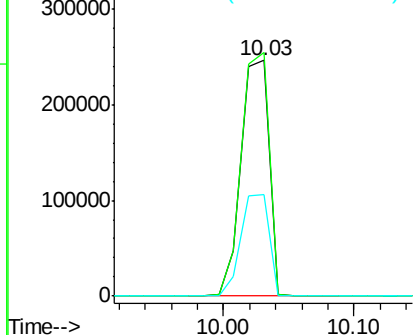


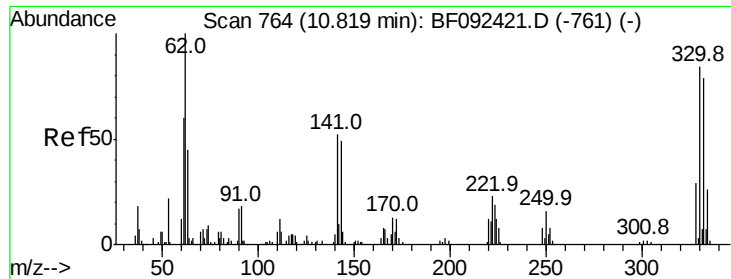
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092479.D
Acq: 25 Jan 2017 16:27

Tgt Ion:164 Resp: 369066
Ion Ratio Lower Upper
164 100
162 103.4 80.2 120.2
160 43.3 36.9 55.3



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: 142.12 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF092479.D

Acq: 25 Jan 2017 16:27

Instrument :

BNA_F

ClientSampleId :

PB96304BL

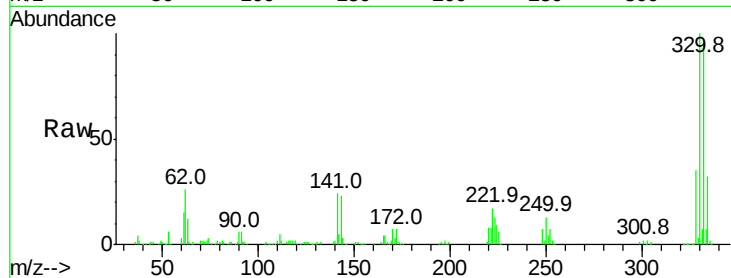
Tot Ion:330 Resp: 357444

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

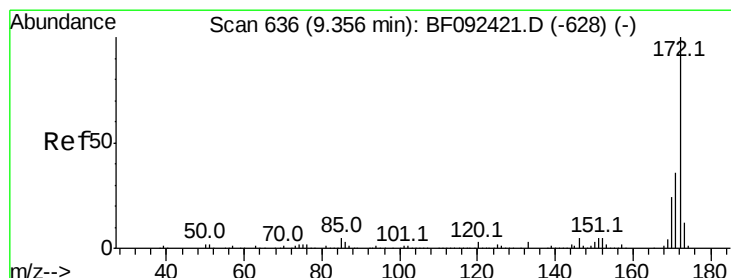
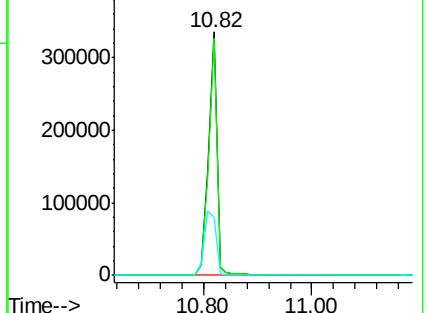
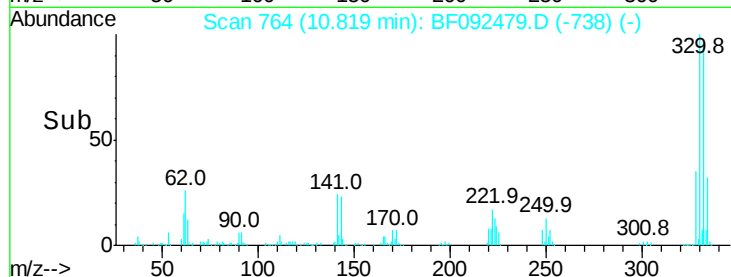
141 36.7 34.1 51.1



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: 86.26 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092479.D

Acq: 25 Jan 2017 16:27

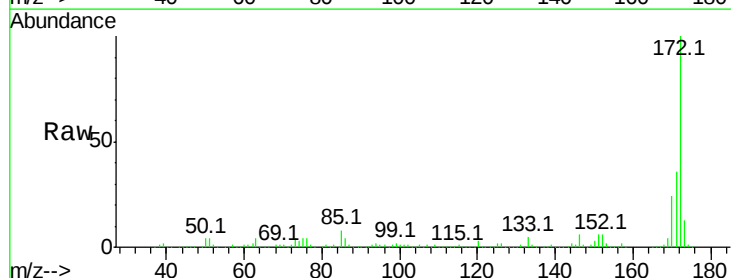
Tgt Ion:172 Resp: 1721662

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

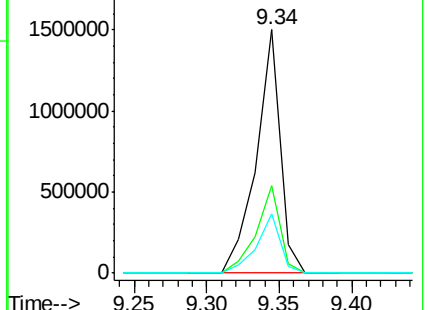
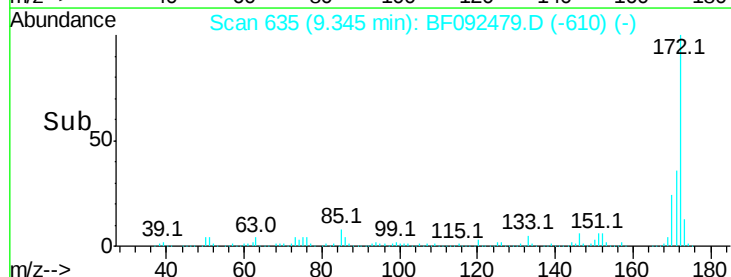
170 24.3 20.2 30.4

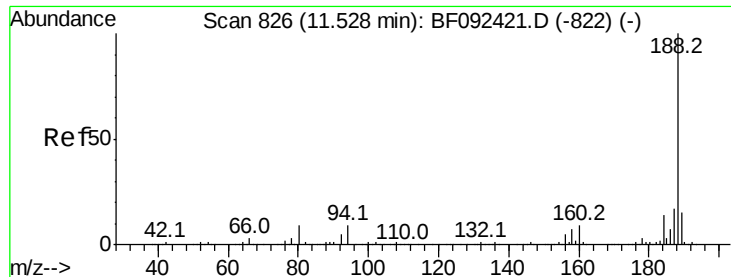


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

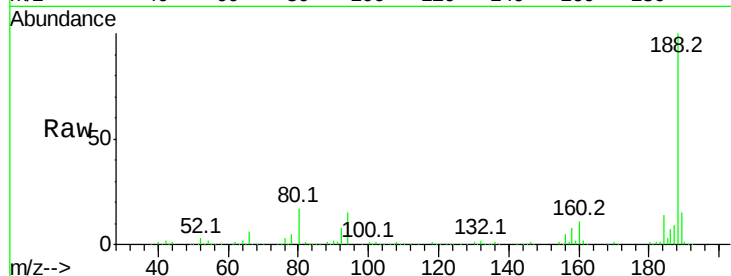




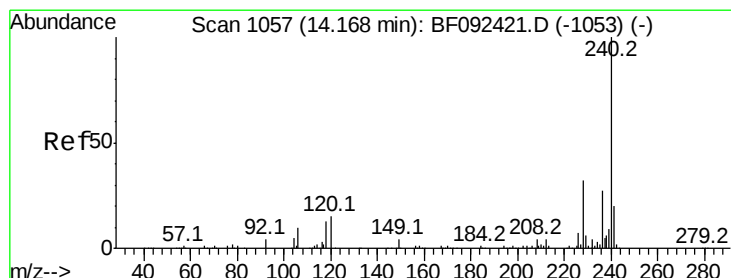
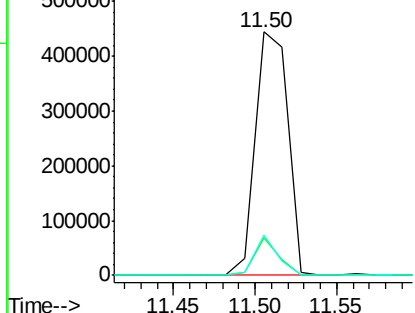
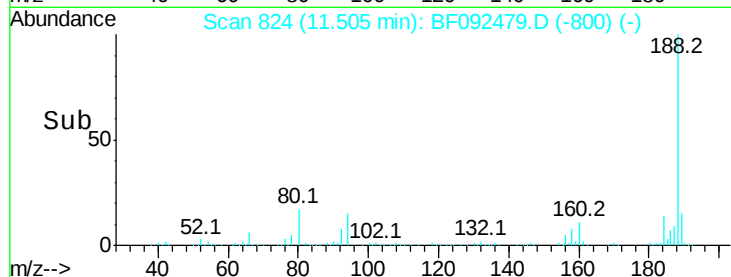
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF092479.D
Acq: 25 Jan 2017 16:27

Instrument :
BNA_F
ClientSampleId :
PB96304BL

Tot Ion:188 Resp: 616652
Ion Ratio Lower Upper
188 100
94 15.3 10.0 15.0#
80 16.5 11.2 16.8

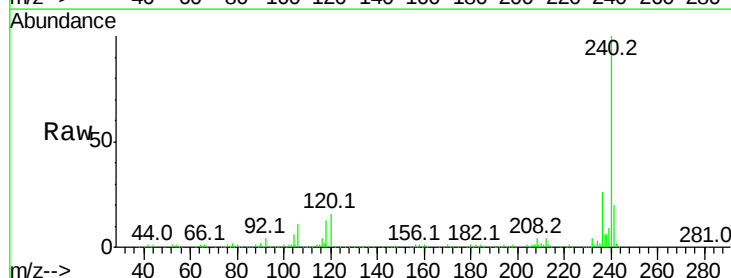


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

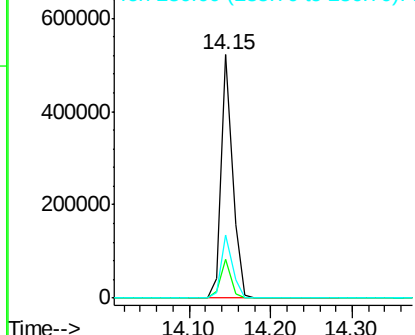
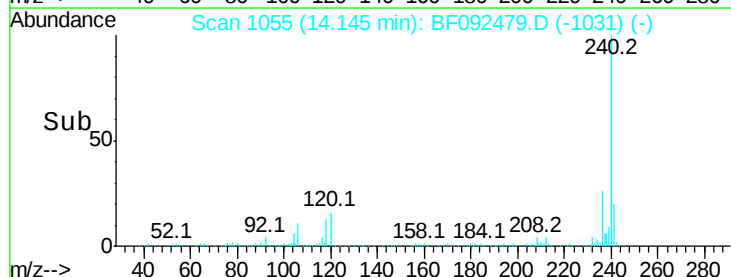


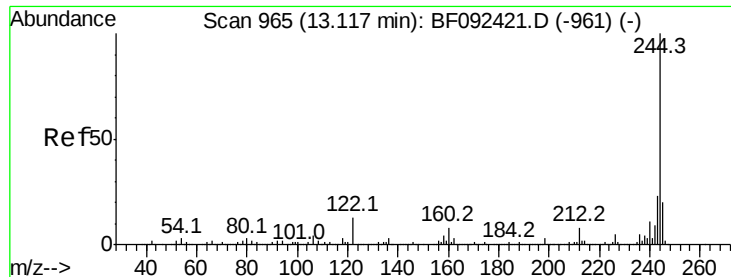
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092479.D
Acq: 25 Jan 2017 16:27

Tgt Ion:240 Resp: 506284
Ion Ratio Lower Upper
240 100
120 15.8 12.9 19.3
236 26.1 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: 85.52 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092479.D

Acq: 25 Jan 2017 16:27

Instrument :

BNA_F

ClientSampleId :

PB96304BL

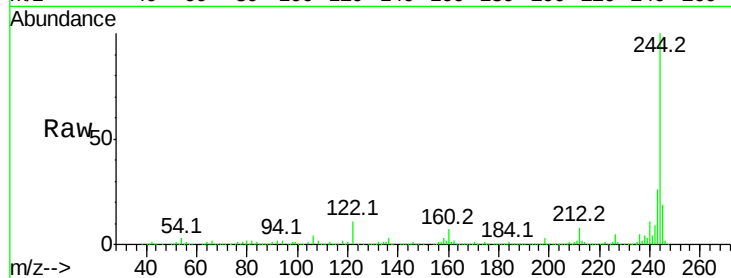
Tot Ion:244 Resp: 1625896

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

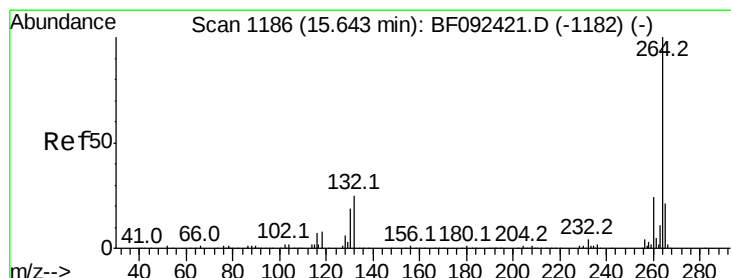
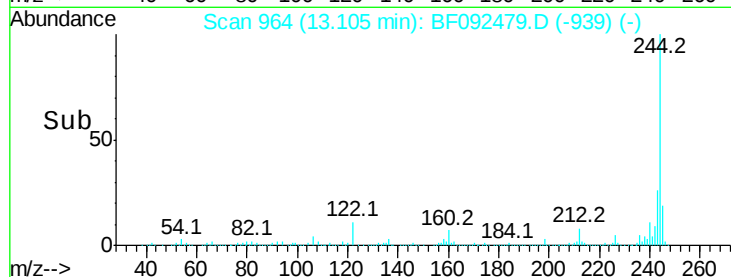
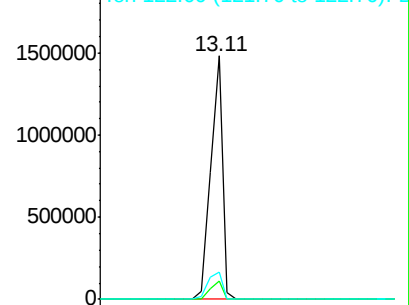
122 11.3 11.4 17.2#



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: 15.62 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF092479.D

Acq: 25 Jan 2017 16:27

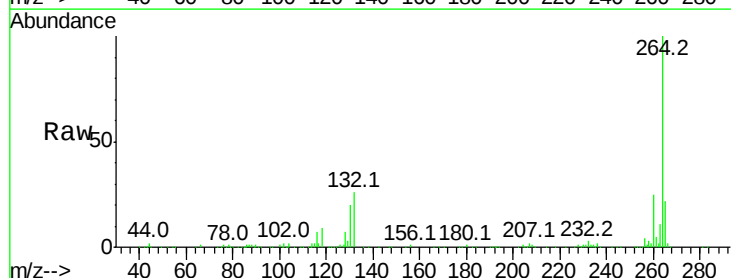
Tgt Ion:264 Resp: 416497

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.7 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

