

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092469.D
 Acq On : 25 Jan 2017 11:53
 Operator : SJ/MA
 Sample : PB96126BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96126BL

Quant Time: Jan 25 12:41:04 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	189826	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	758850	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	409091	20.00	ng	-0.01
63) Phenanthrene-d10	11.52	188	712777	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	571790	20.00	ng	-0.02
86) Perylene-d12	15.63	264	490780	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1242235	101.82	ng	0.02
7) Phenol-d6	6.59	99	1578777	101.59	ng	0.00
23) Nitrobenzene-d5	7.53	82	938240	67.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	336117	120.57	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1628170	73.60	ng	-0.01
78) Terphenyl-d14	13.11	244	1453583	67.69	ng	-0.01

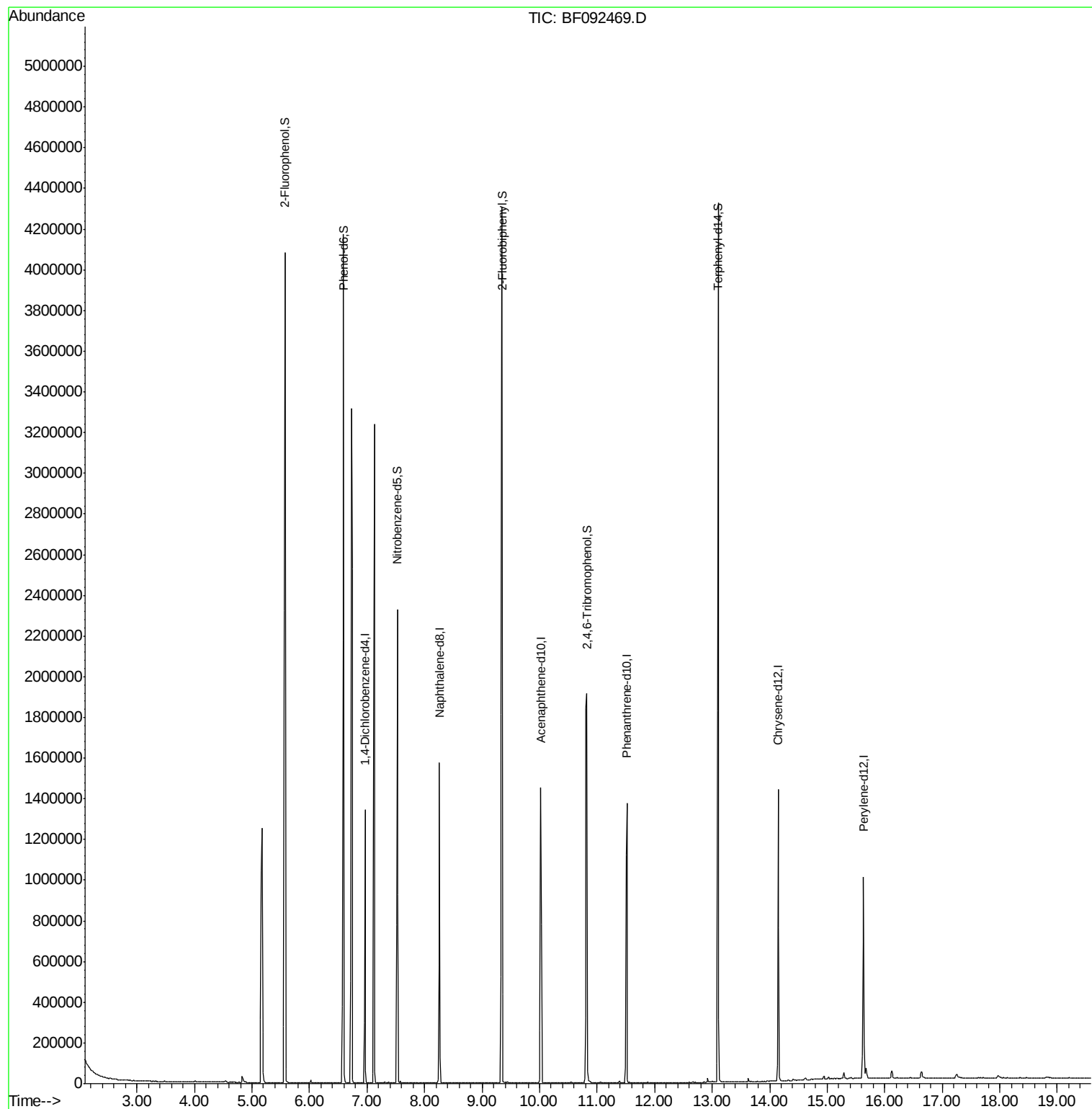
Target Compounds Qvalue

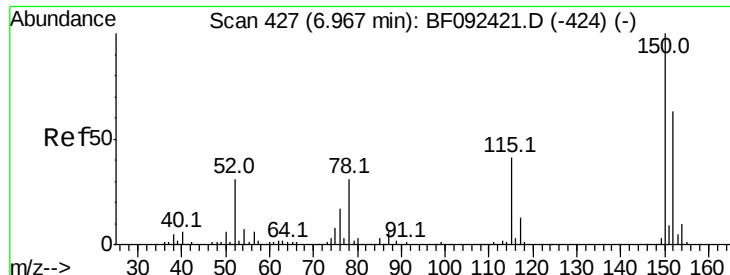
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB96126BL

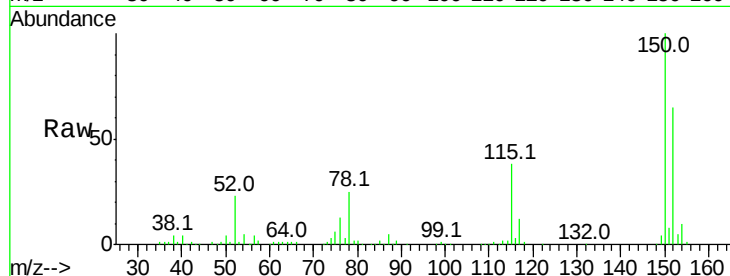
Tot Ion:152 Resp: 189826

Ion Ratio Lower Upper

152 100

150 154.4 124.9 187.3

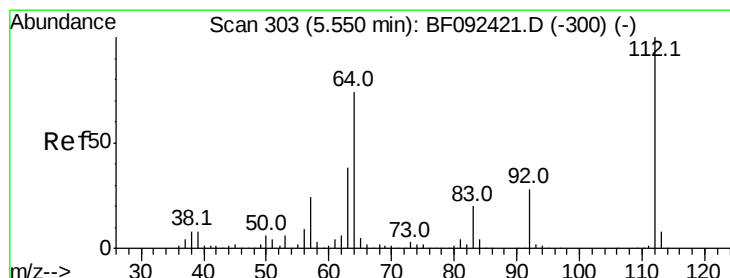
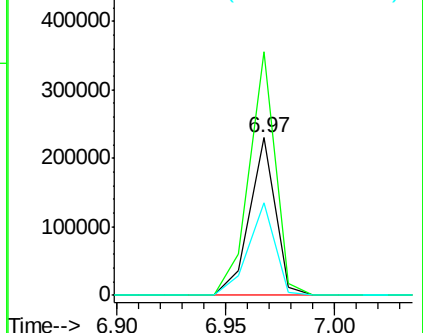
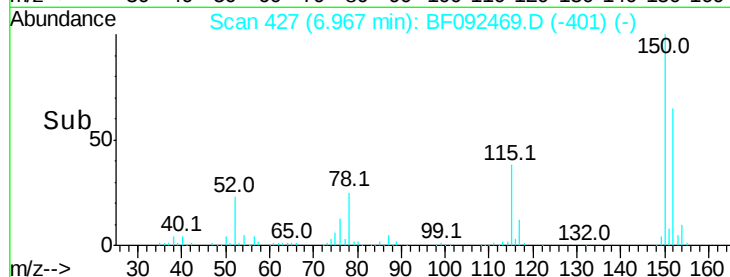
115 59.1 46.0 69.0



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: 101.82 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

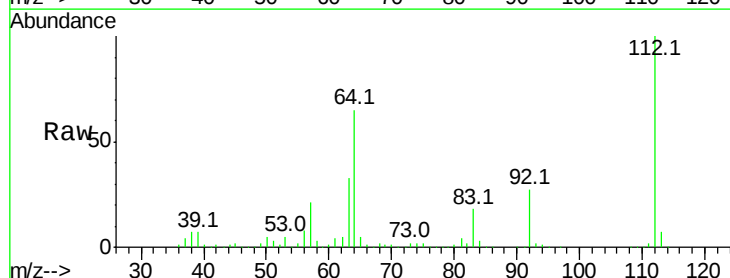
Tgt Ion:112 Resp: 1242235

Ion Ratio Lower Upper

112 100

64 64.5 46.1 69.1

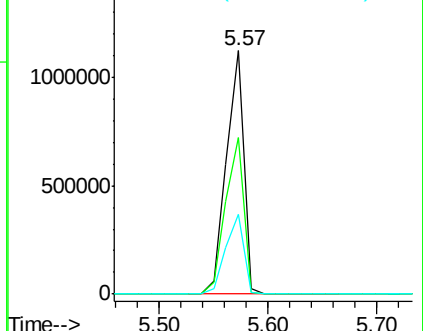
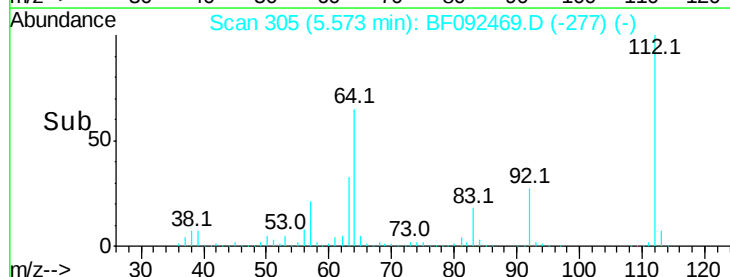
63 32.6 23.8 35.6

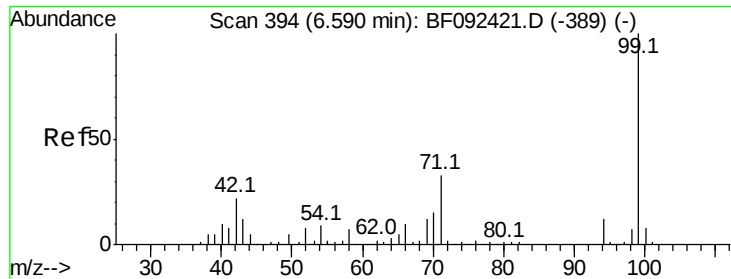


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.59 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

Instrument :

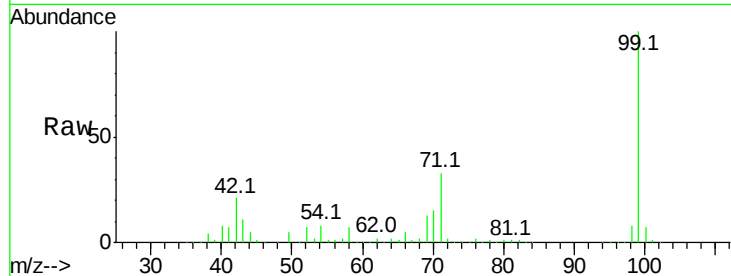
BNA_F

ClientSampleId :

PB96126BL

Tot Ion: 99 Resp: 1578777

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.6	23.4
71	33.4	27.5	41.3

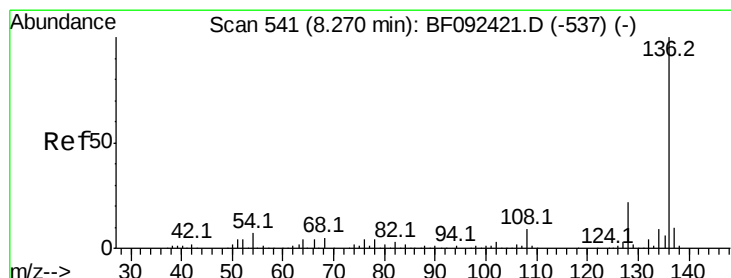
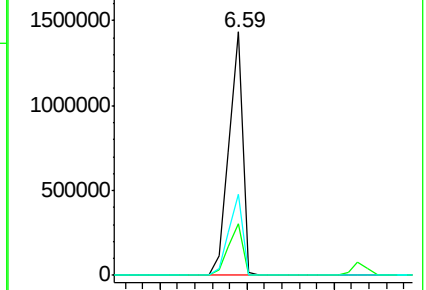
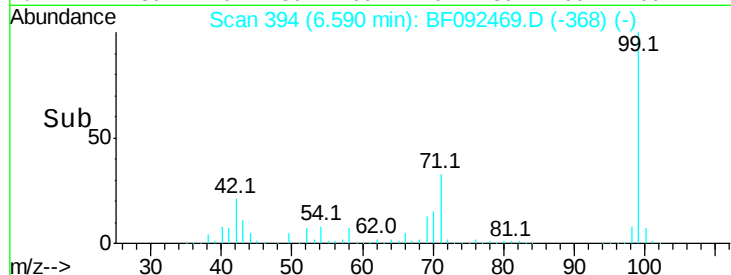


Abundance

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

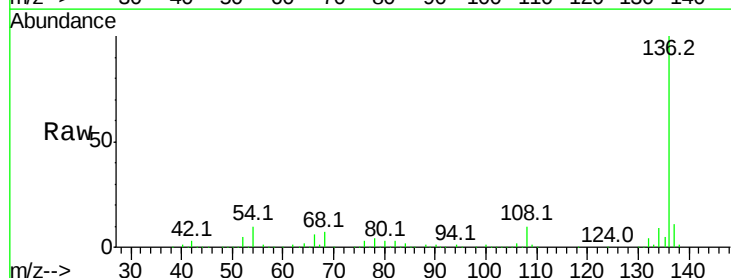
Delta R.T. -0.01 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

Tgt Ion: 136 Resp: 758850

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.9	4.5	6.7#
68	7.0	3.6	5.4#



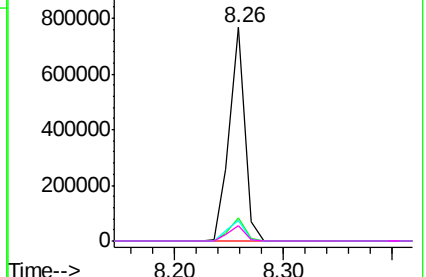
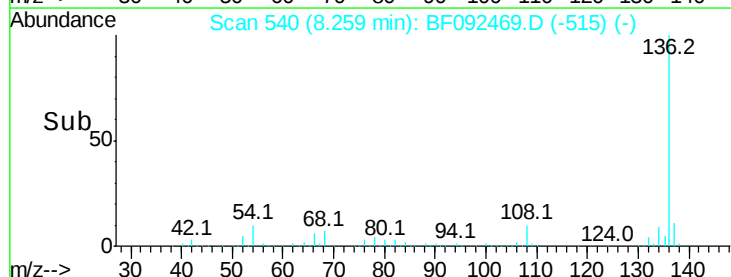
Abundance

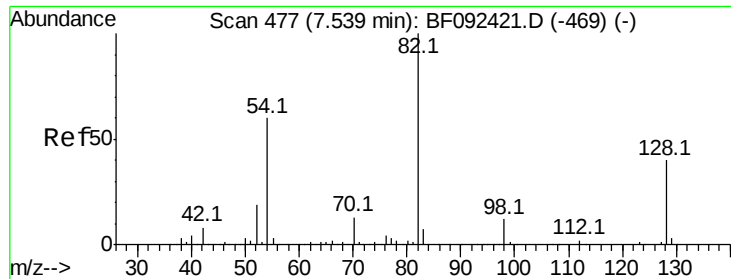
Ion 136.00 (135.70 to 136.70): E

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

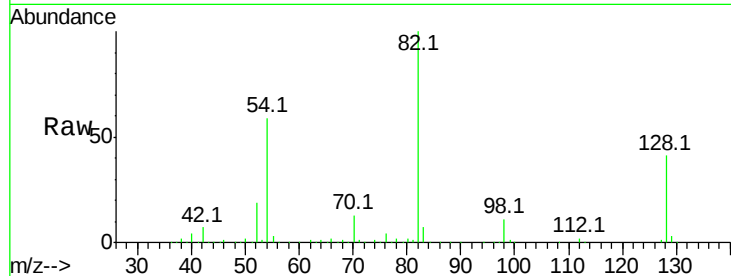




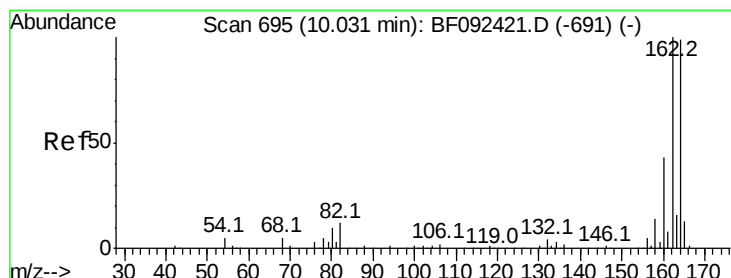
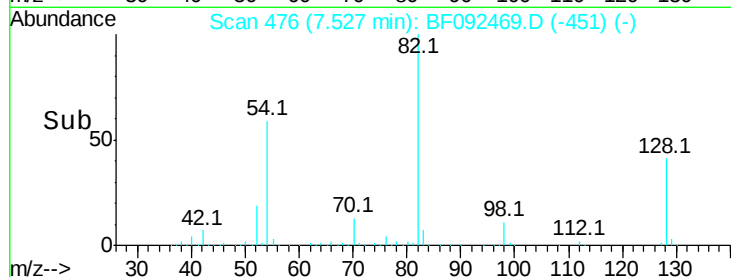
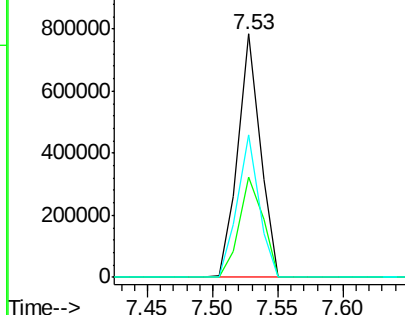
#23
Nitrobenzene-d5
Concen: 67.54 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092469.D
Acq: 25 Jan 2017 11:53

Instrument :
BNA_F
ClientSampleId :
PB96126BL

Tot Ion: 82 Resp: 938240
Ion Ratio Lower Upper
82 100
128 41.2 34.6 52.0
54 58.6 39.5 59.3

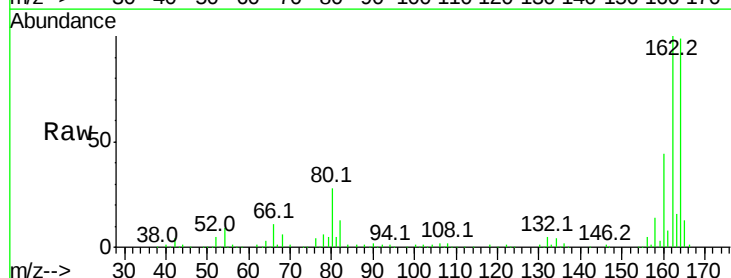


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

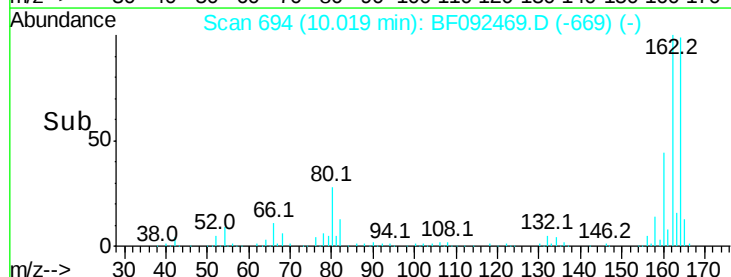
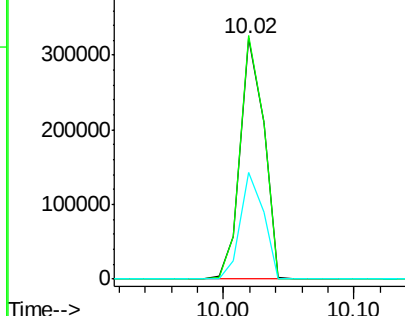


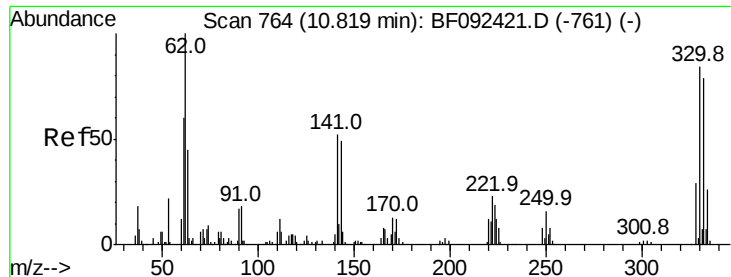
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092469.D
Acq: 25 Jan 2017 11:53

Tgt Ion: 164 Resp: 409091
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.2
160 44.1 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: 120.57 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB96126BL

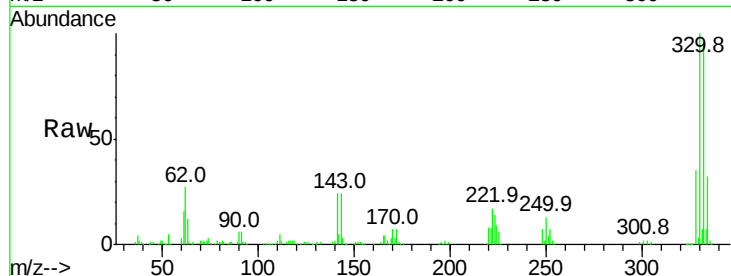
Tot Ion:330 Resp: 336117

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

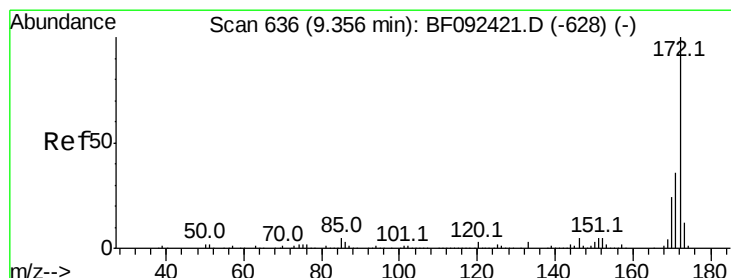
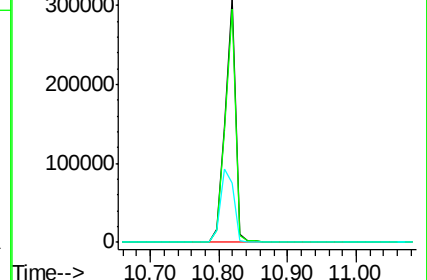
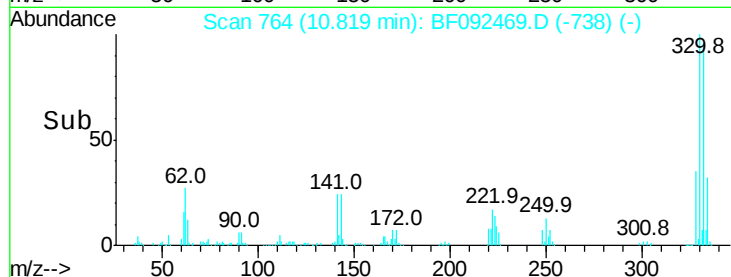
141 38.3 34.1 51.1



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: 73.60 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

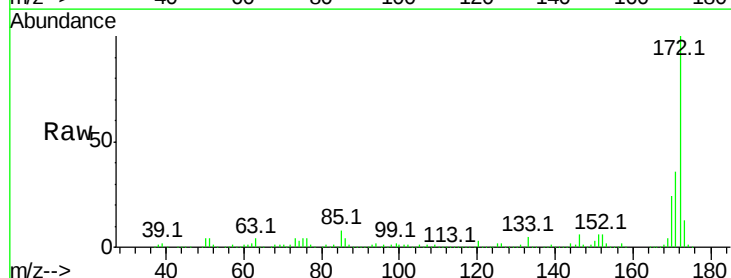
Tgt Ion:172 Resp: 1628170

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.0

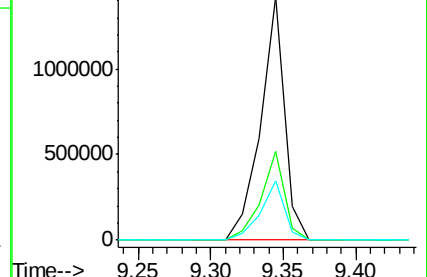
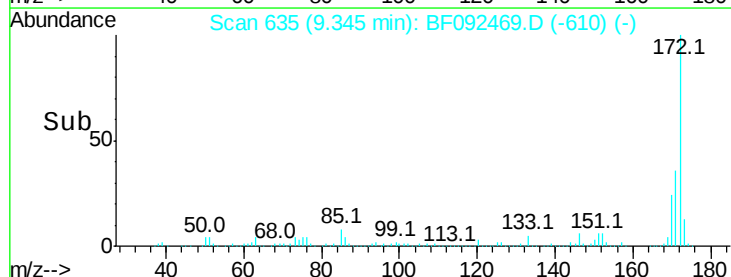
170 24.2 20.2 30.4

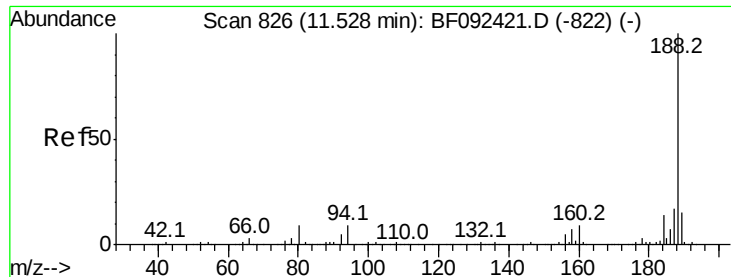


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

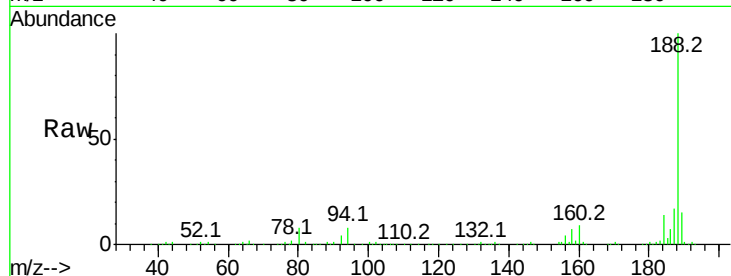




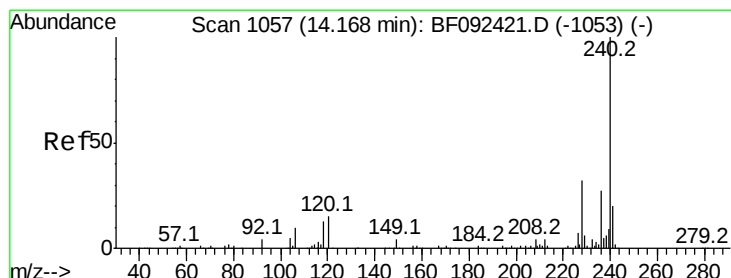
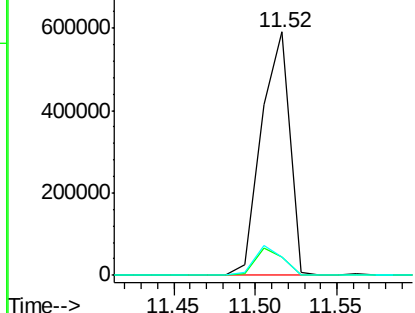
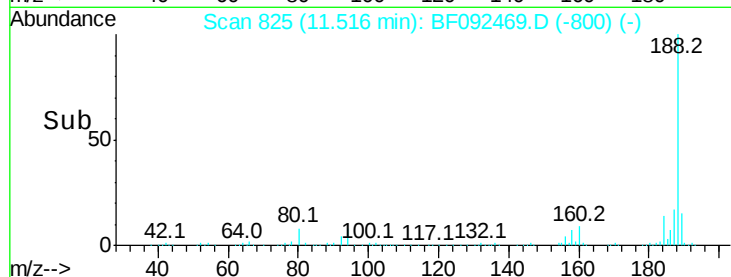
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092469.D
Acq: 25 Jan 2017 11:53

Instrument :
BNA_F
ClientSampleId :
PB96126BL

Tot Ion:188 Resp: 712777
Ion Ratio Lower Upper
188 100
94 7.8 10.0 15.0#
80 7.7 11.2 16.8#

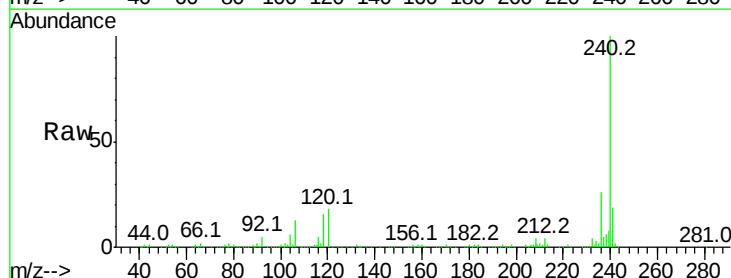


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

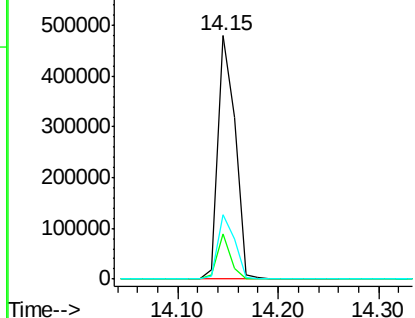
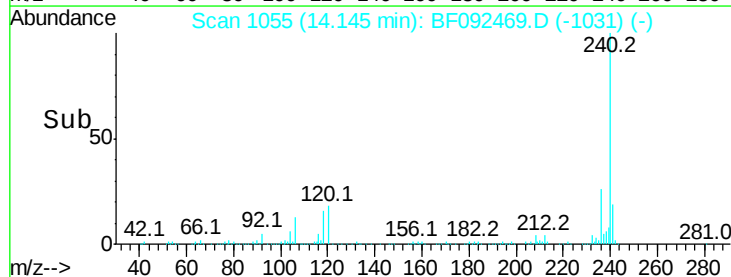


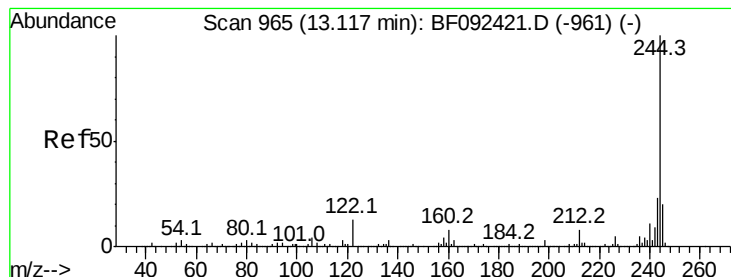
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092469.D
Acq: 25 Jan 2017 11:53

Tgt Ion:240 Resp: 571790
Ion Ratio Lower Upper
240 100
120 18.4 12.9 19.3
236 26.2 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: 67.69 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092469.D

Acq: 25 Jan 2017 11:53

Instrument :

BNA_F

ClientSampleId :

PB96126BL

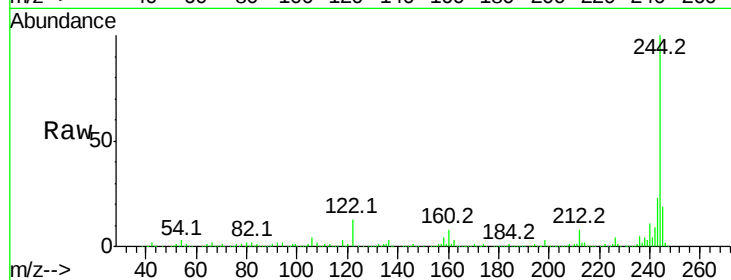
Tot Ion:244 Resp: 1453583

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

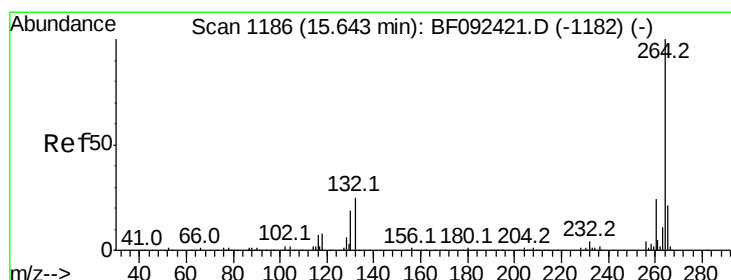
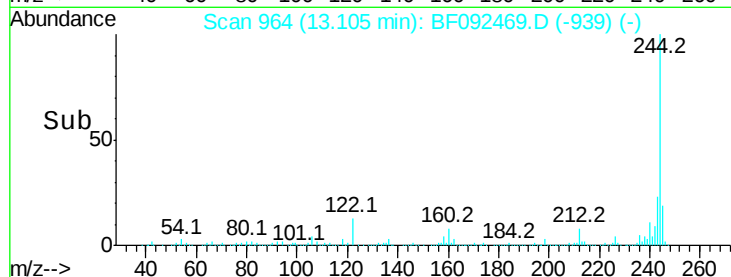
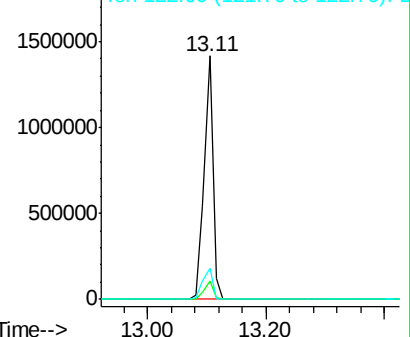
122 12.6 11.4 17.2



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: BF092469.D

Acq: 25 Jan 2017 11:53

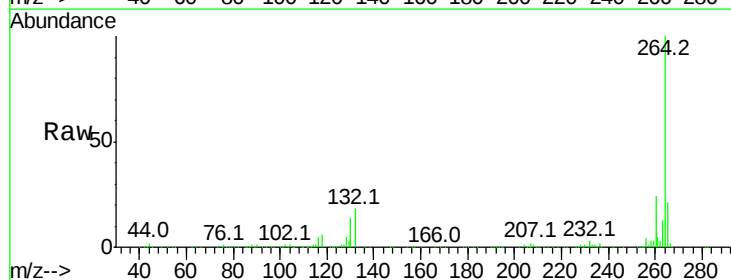
Tgt Ion:264 Resp: 490780

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.6 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

