

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092467.D
 Acq On : 25 Jan 2017 10:58
 Operator : UM/SJ
 Sample : PB96207BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96207BL

Quant Time: Jan 25 12:20:57 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	185174	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	733176	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	397188	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	671700	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	585460	20.00	ng	-0.02
86) Perylene-d12	15.63	264	492193	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1368320	114.97	ng	0.02
7) Phenol-d6	6.59	99	1677107	110.63	ng	0.00
23) Nitrobenzene-d5	7.53	82	1240522	92.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	416080	153.72	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1906735	88.77	ng	-0.01
78) Terphenyl-d14	13.11	244	1699462	77.30	ng	-0.01

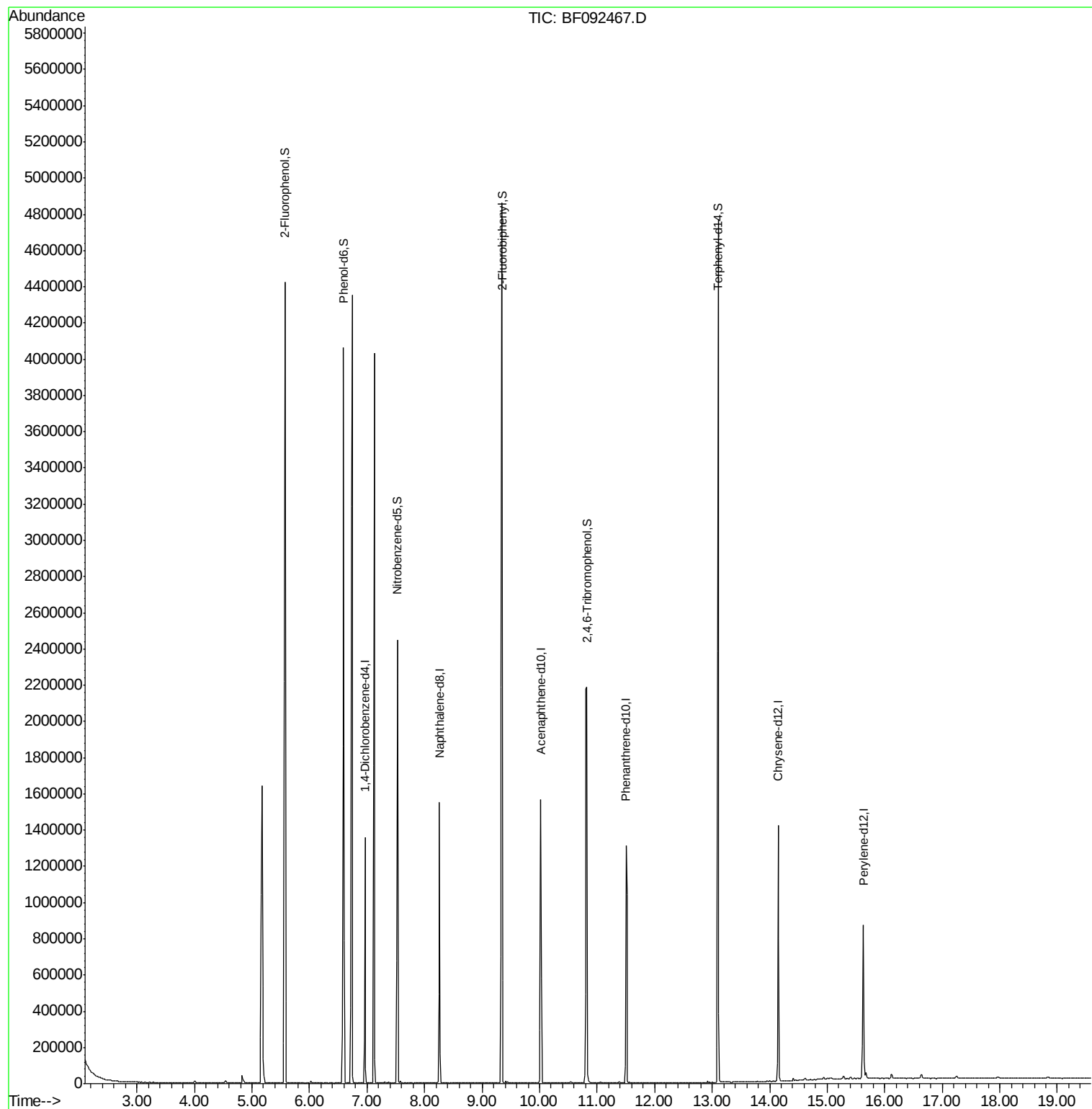
Target Compounds Qvalue

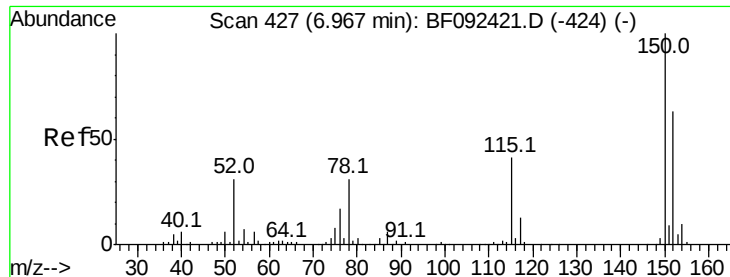
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092467.D

Acq: 25 Jan 2017 10:58

Instrument :

BNA_F

ClientSampleId :

PB96207BL

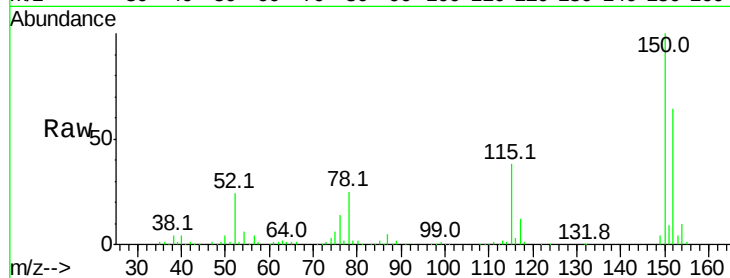
Tot Ion:152 Resp: 185174

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

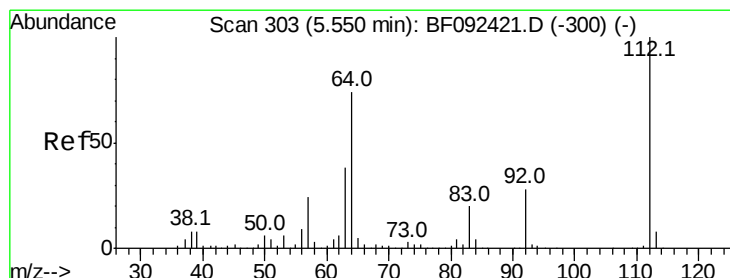
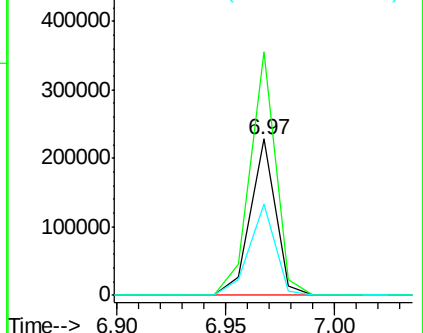
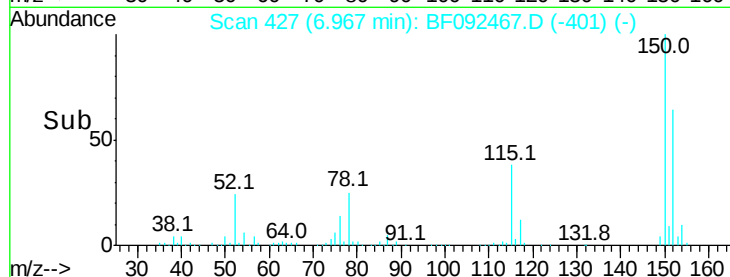
115 58.6 46.0 69.0



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: 114.97 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092467.D

Acq: 25 Jan 2017 10:58

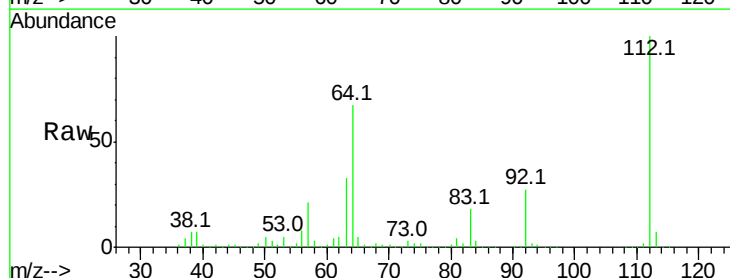
Tgt Ion:112 Resp: 1368320

Ion Ratio Lower Upper

112 100

64 66.7 46.1 69.1

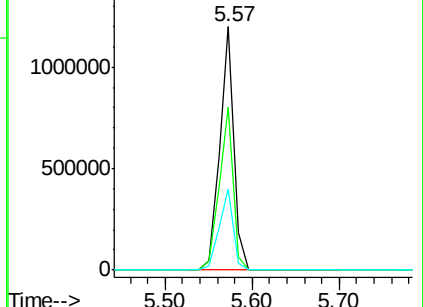
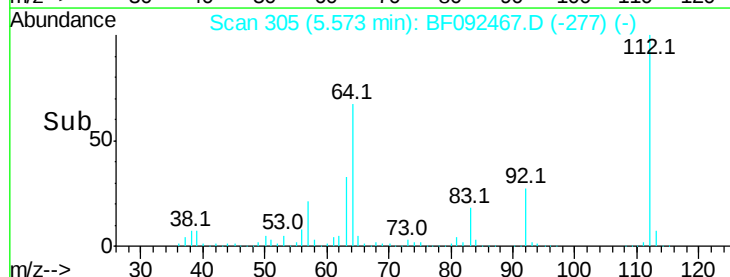
63 33.5 23.8 35.6

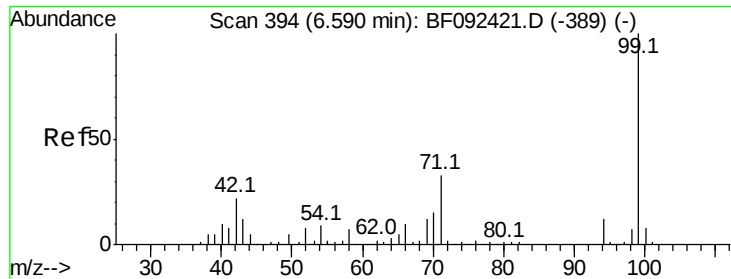


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.63 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092467.D

Acq: 25 Jan 2017 10:58

Instrument :

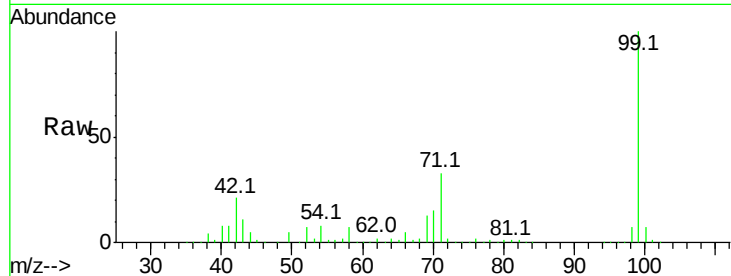
BNA_F

ClientSampleId :

PB96207BL

Tot Ion: 99 Resp: 1677107

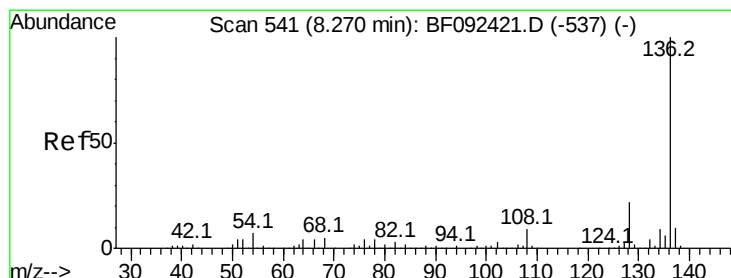
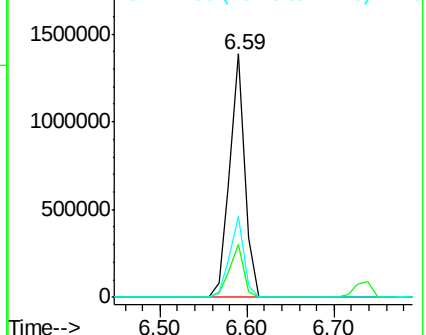
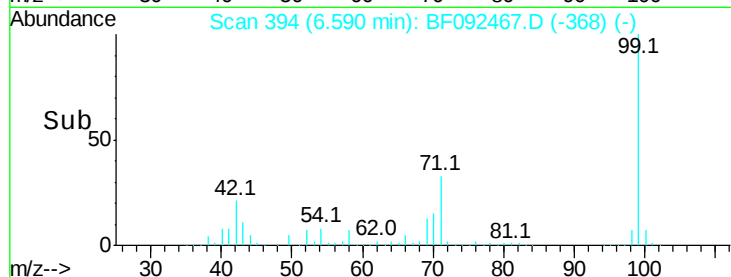
Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.6	23.4
71	33.5	27.5	41.3



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

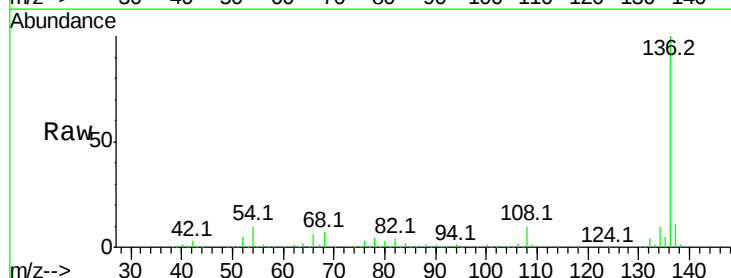
Delta R.T. -0.01 min

Lab File: BF092467.D

Acq: 25 Jan 2017 10:58

Tgt Ion: 136 Resp: 733176

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.4	4.5	6.7#
68	7.2	3.6	5.4#

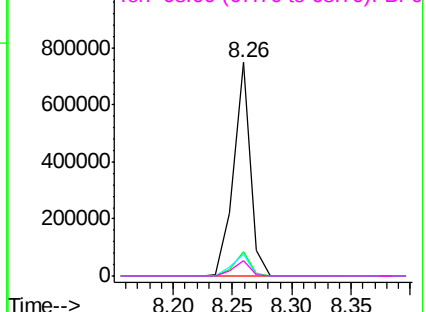
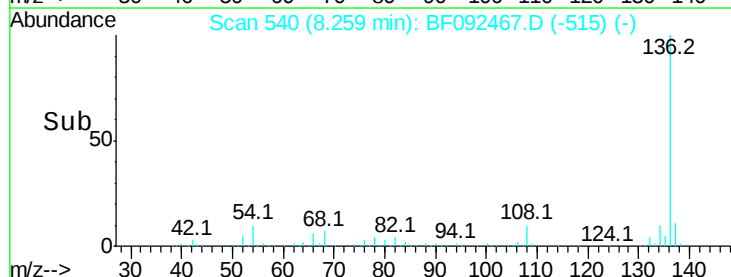


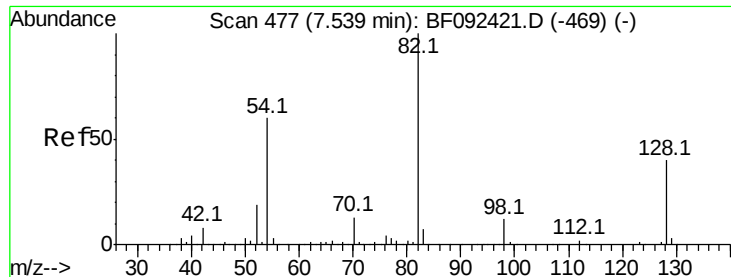
Abundance Ion 136.00 (135.70 to 136.70): E

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

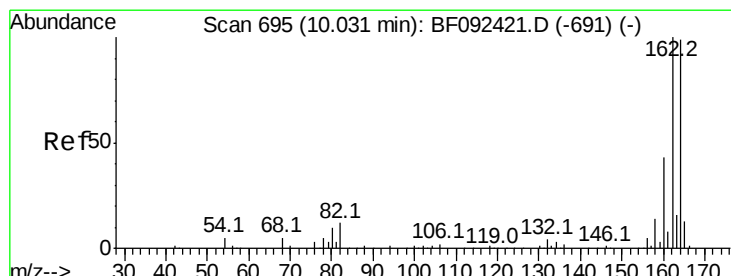
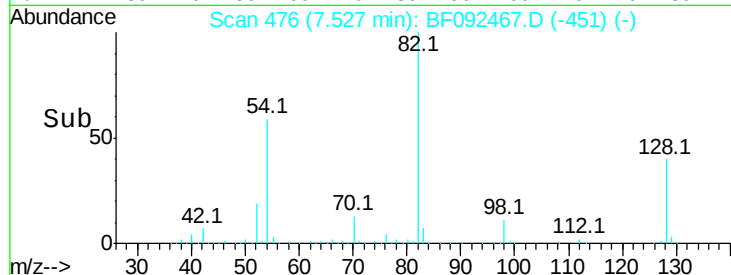
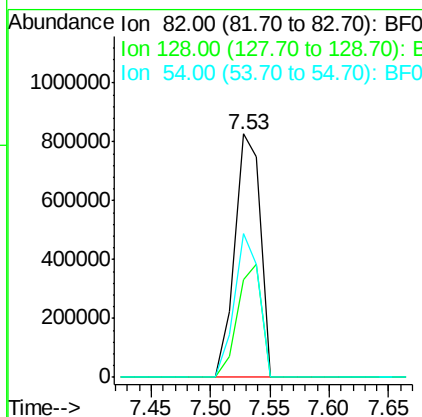
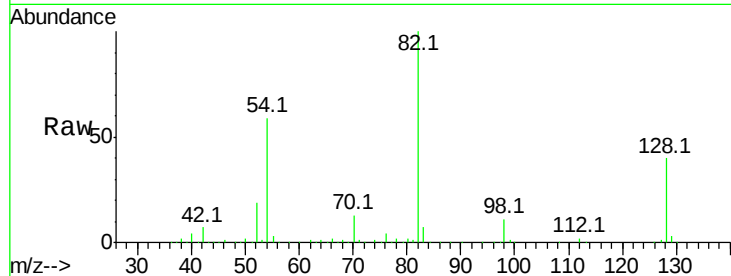




#23
 Nitrobenzene-d5
 Concen: 92.42 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092467.D
 Acq: 25 Jan 2017 10:58

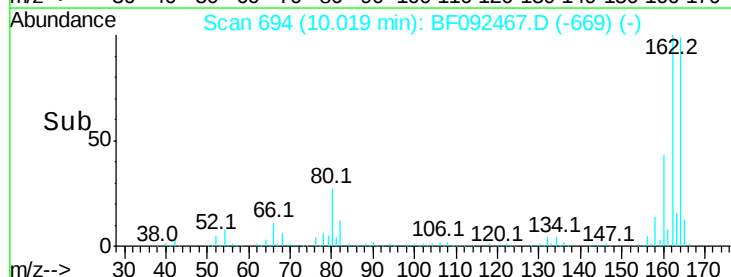
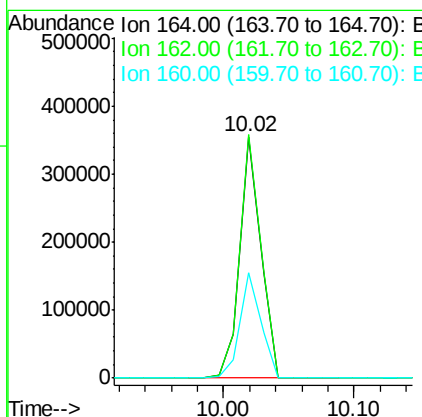
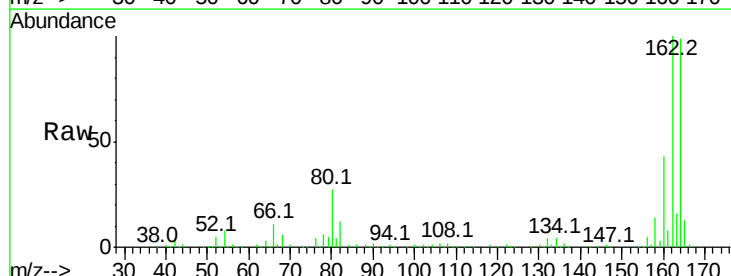
Instrument :
 BNA_F
 ClientSampled :
 PB96207BL

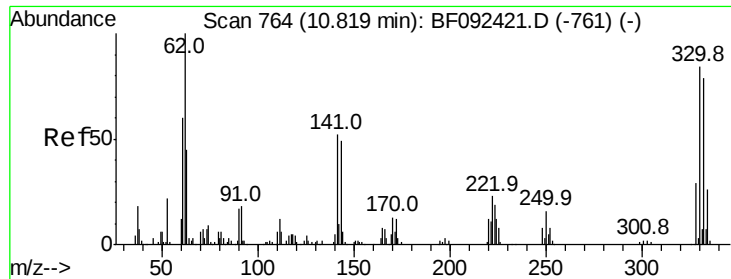
Tot Ion: 82 Resp: 1240522
 Ion Ratio Lower Upper
 82 100
 128 40.2 34.6 52.0
 54 59.0 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF092467.D
 Acq: 25 Jan 2017 10:58

Tgt Ion: 164 Resp: 397188
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.2 120.2
 160 43.5 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 153.72 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092467.D

Acq: 25 Jan 2017 10:58

Instrument :

BNA_F

ClientSampleId :

PB96207BL

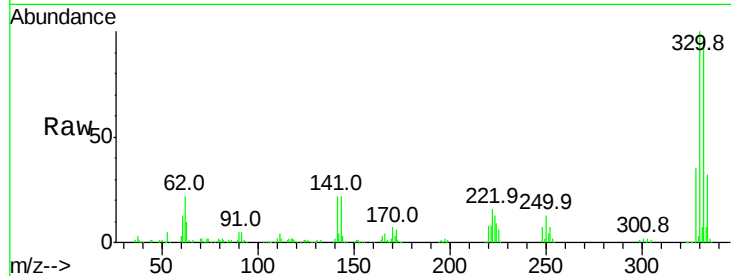
Tot Ion:330 Resp: 416080

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

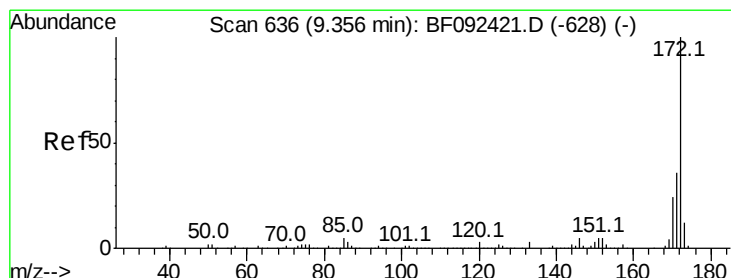
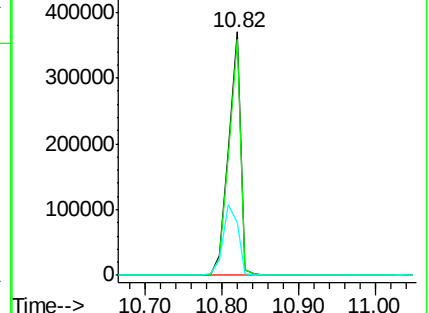
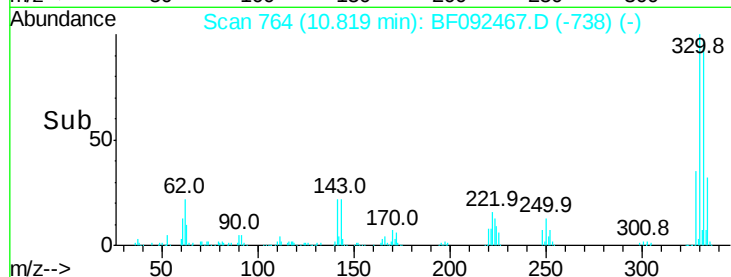
141 36.1 34.1 51.1



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: 88.77 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092467.D

Acq: 25 Jan 2017 10:58

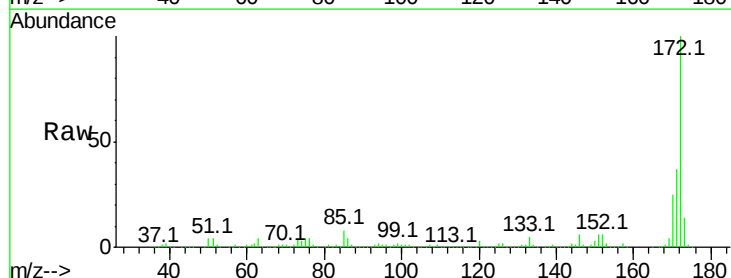
Tgt Ion:172 Resp: 1906735

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.0

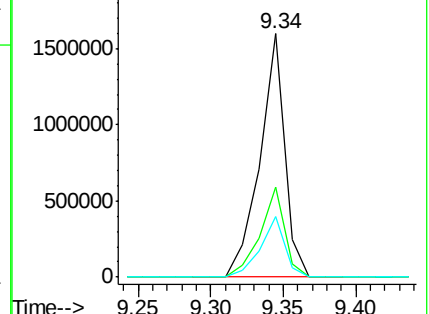
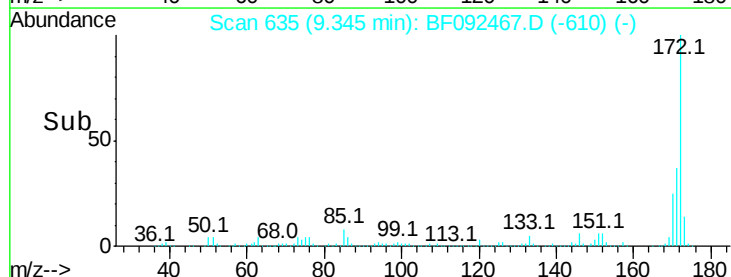
170 24.8 20.2 30.4

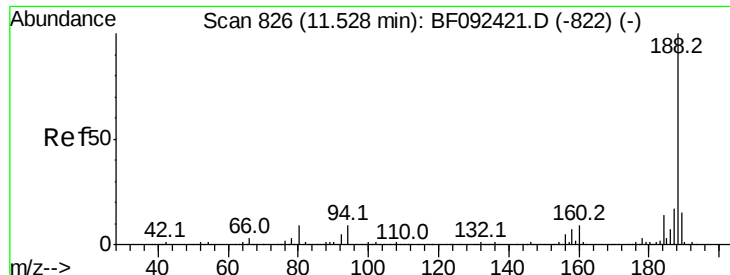


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

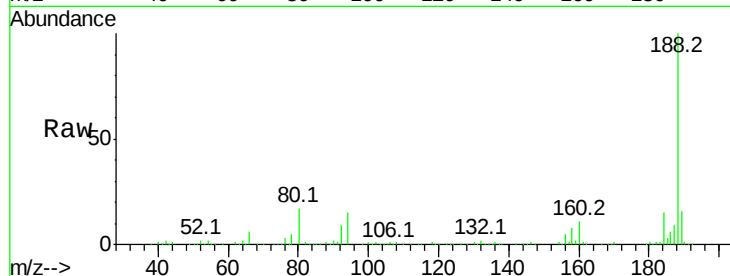




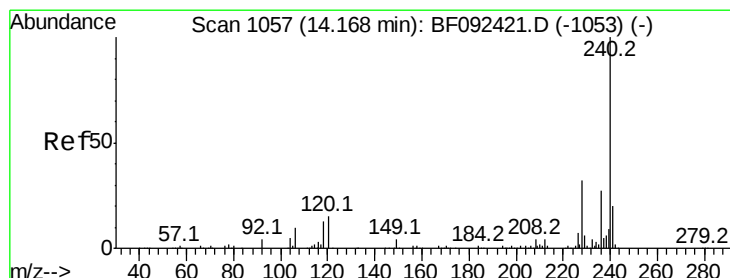
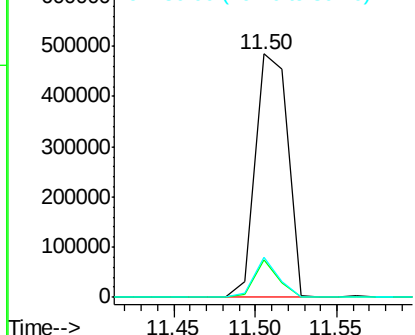
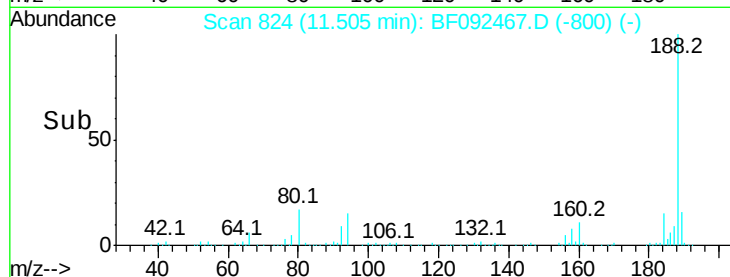
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF092467.D
Acq: 25 Jan 2017 10:58

Instrument :
BNA_F
ClientSampleId :
PB96207BL

Tot Ion:188 Resp: 671700
Ion Ratio Lower Upper
188 100
94 15.3 10.0 15.0#
80 16.7 11.2 16.8

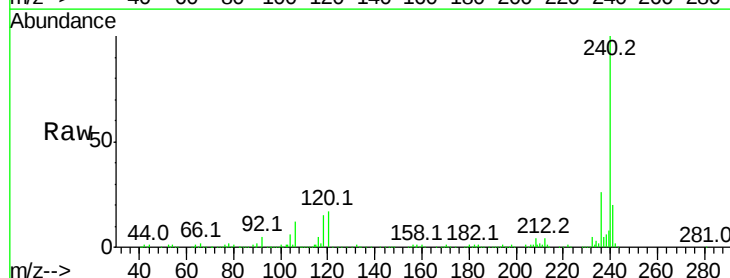


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

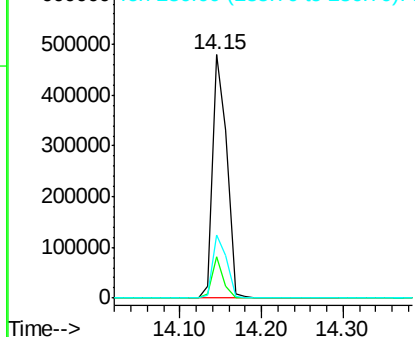
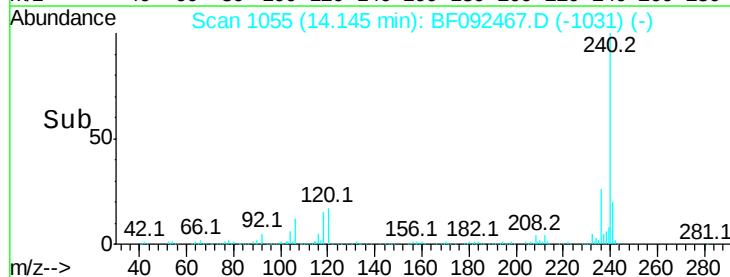


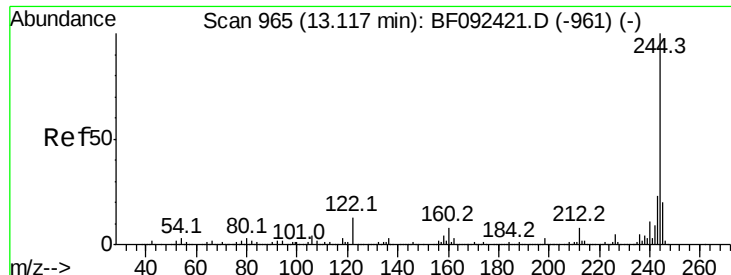
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092467.D
Acq: 25 Jan 2017 10:58

Tgt Ion:240 Resp: 585460
Ion Ratio Lower Upper
240 100
120 17.3 12.9 19.3
236 25.8 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: 77.30 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092467.D

Acq: 25 Jan 2017 10:58

Instrument :

BNA_F

ClientSampleId :

PB96207BL

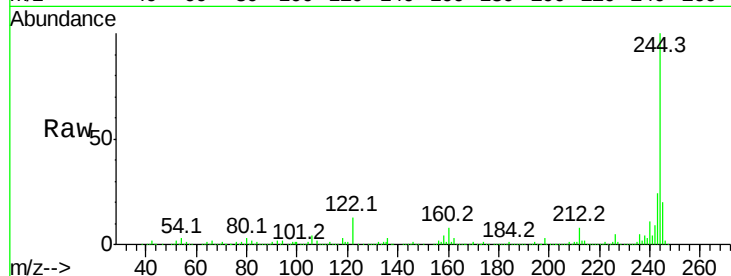
Tot Ion:244 Resp: 1699462

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

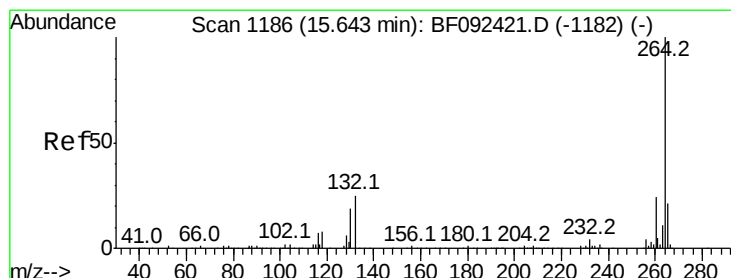
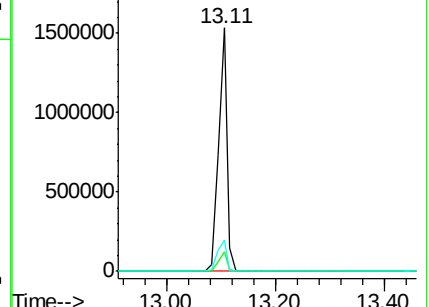
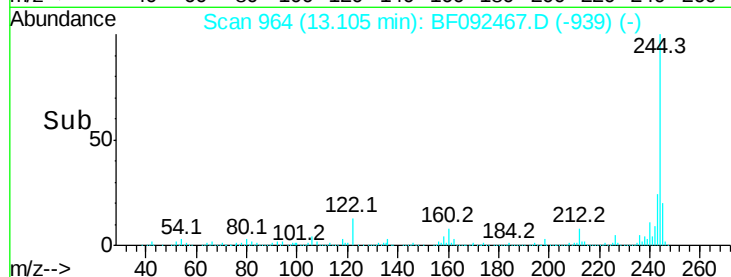
122 12.8 11.4 17.2



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: BF092467.D

Acq: 25 Jan 2017 10:58

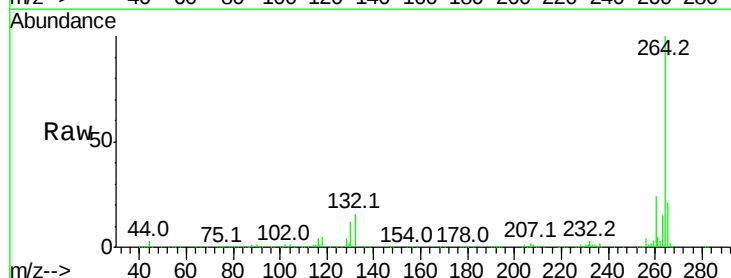
Tgt Ion:264 Resp: 492193

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.3 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

