

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092142.D
 Acq On : 9 Jan 2017 17:27
 Operator : UM/SJ
 Sample : PB95818BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95818BL

Quant Time: Jan 09 22:44:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	252693	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	940232	20.00	ng	-0.02
38) Acenaphthene-d10	9.67	164	424056	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	763660	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	649711	20.00	ng	-0.01
86) Perylene-d12	15.15	264	621409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1757308	116.12	ng	0.01
7) Phenol-d6	6.30	99	1856019	100.45	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1476788	87.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	454256	129.44	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1910484	93.62	ng	-0.01
78) Terphenyl-d14	12.73	244	1861970	69.50	ng	-0.01

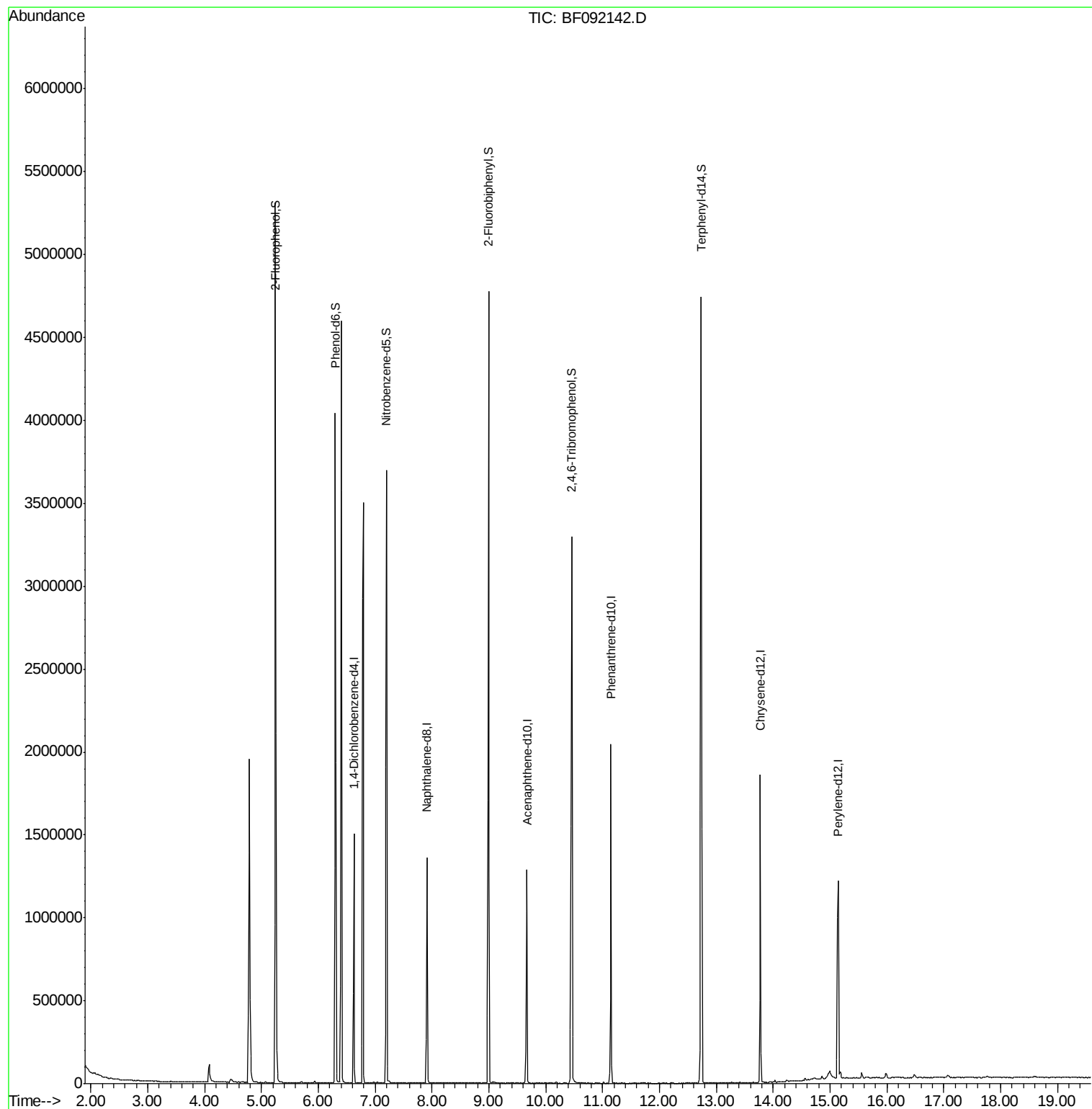
Target Compounds	Qvalue
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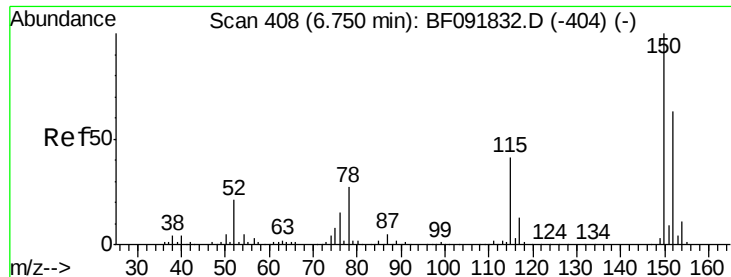
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092142.D

Acq: 9 Jan 2017 17:27

Instrument :

BNA_F

ClientSampled :

PB95818BL

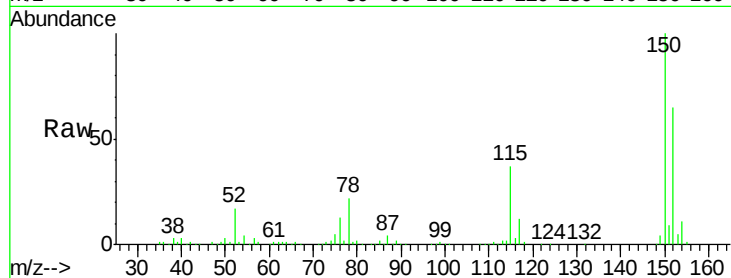
Tgt Ion:152 Resp: 252693

Ion Ratio Lower Upper

152 100

150 153.6 124.9 187.3

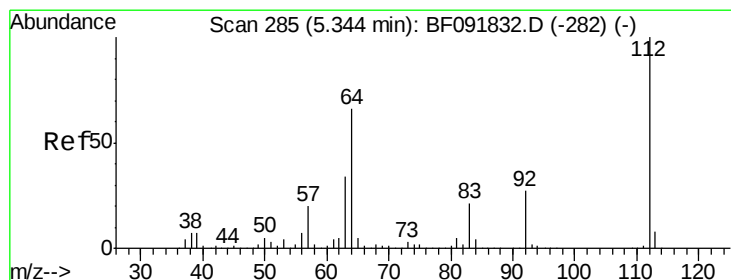
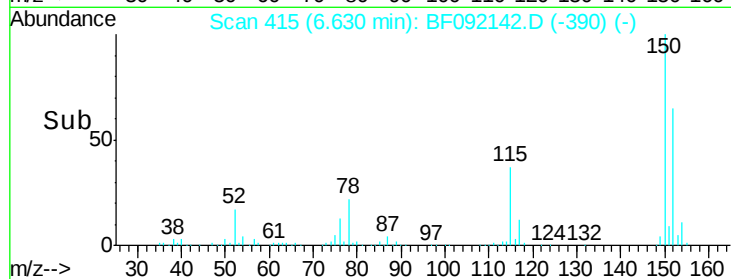
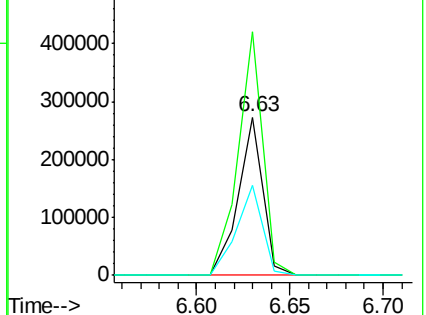
115 57.1 46.0 69.0



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: 116.12 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092142.D

Acq: 9 Jan 2017 17:27

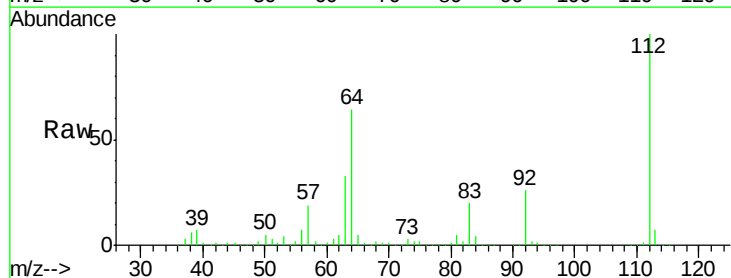
Tgt Ion:112 Resp: 1757308

Ion Ratio Lower Upper

112 100

64 64.0 46.1 69.1

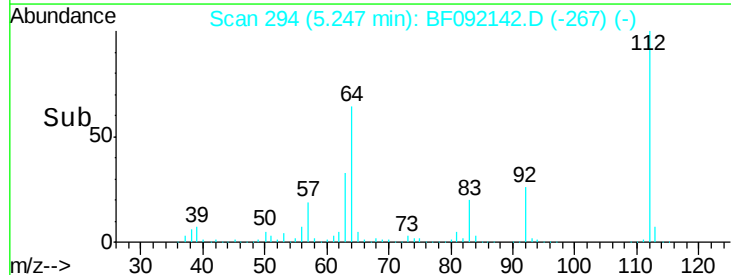
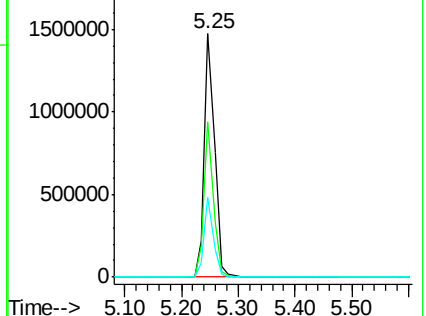
63 32.8 23.8 35.6



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: 100.45 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092142.D

Acq: 9 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB95818BL

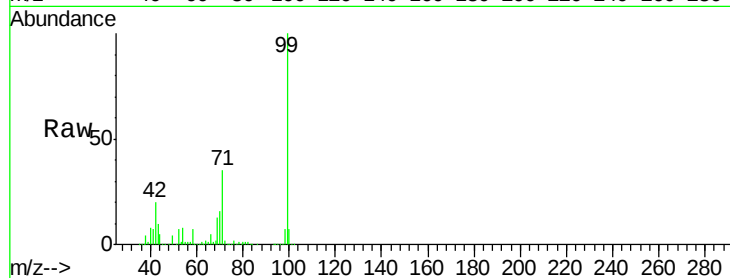
Tgt Ion: 99 Resp: 1856019

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

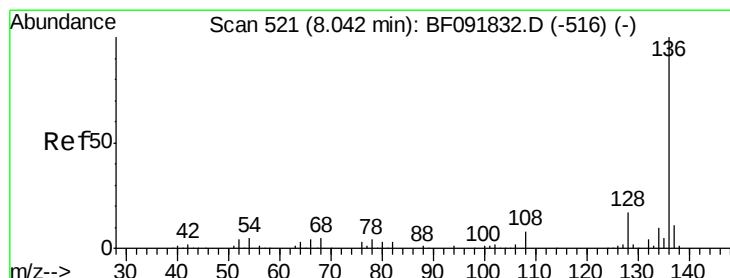
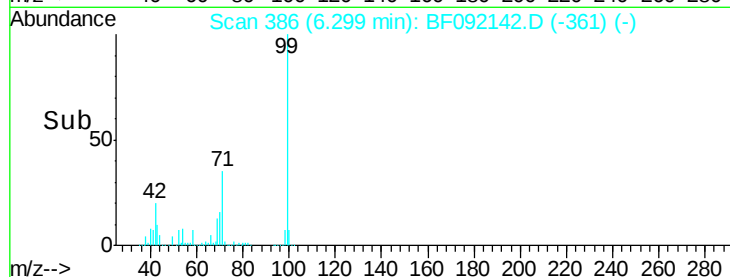
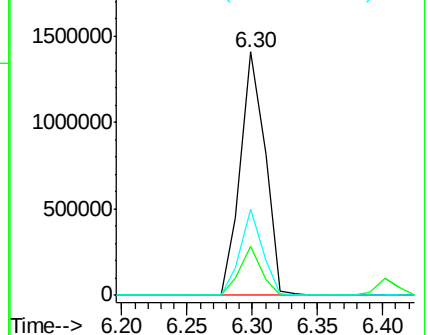
71 35.4 27.5 41.3



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: 7.91 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF092142.D

Acq: 9 Jan 2017 17:27

Tgt Ion: 136 Resp: 940232

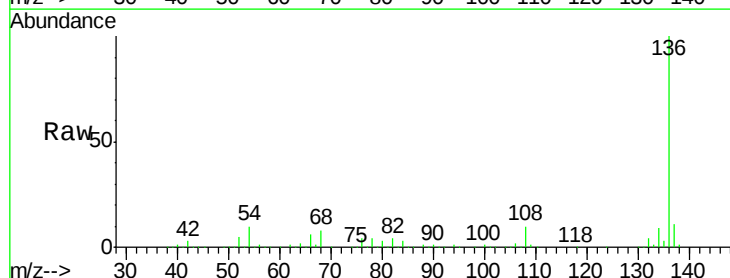
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 9.8 4.5 6.7#

68 7.9 3.6 5.4#

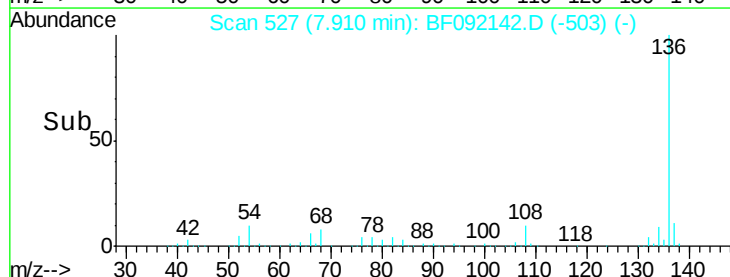
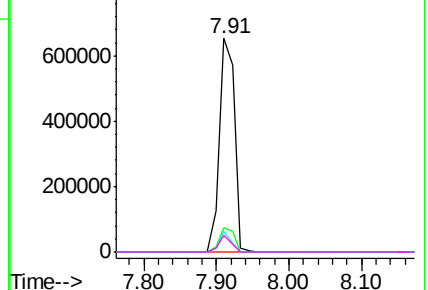


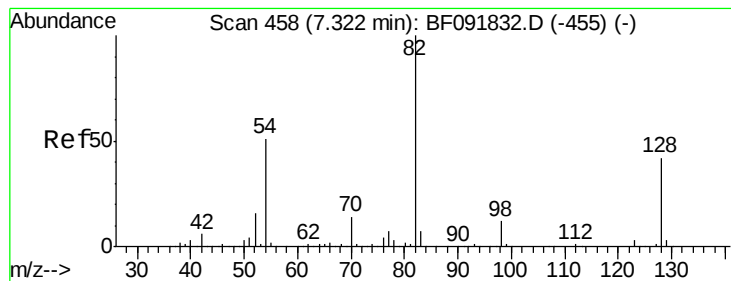
Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.34 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF092142.D

Acq: 9 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB95818BL

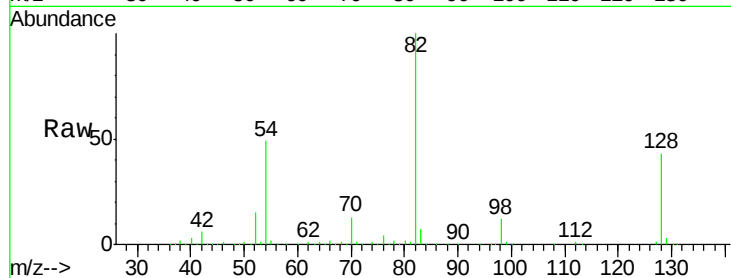
Tgt Ion: 82 Resp: 1476788

Ion Ratio Lower Upper

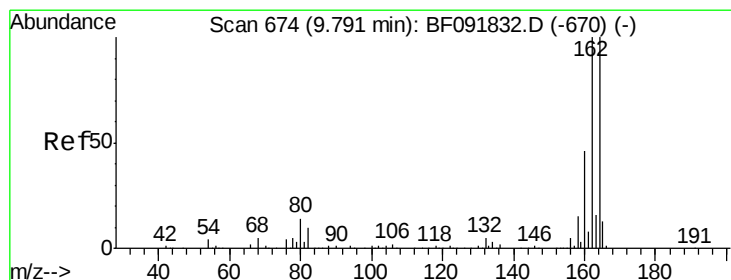
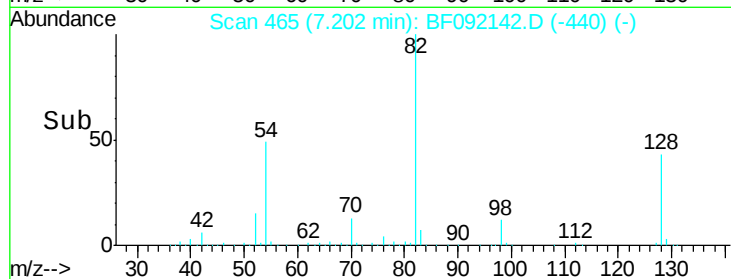
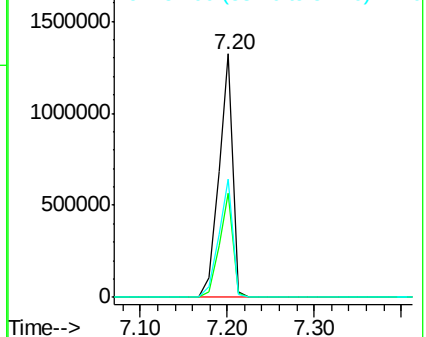
82 100

128 43.0 34.6 52.0

54 48.5 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: 9.67 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092142.D

Acq: 9 Jan 2017 17:27

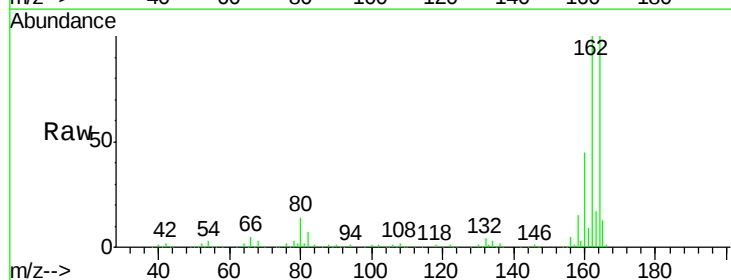
Tgt Ion: 164 Resp: 424056

Ion Ratio Lower Upper

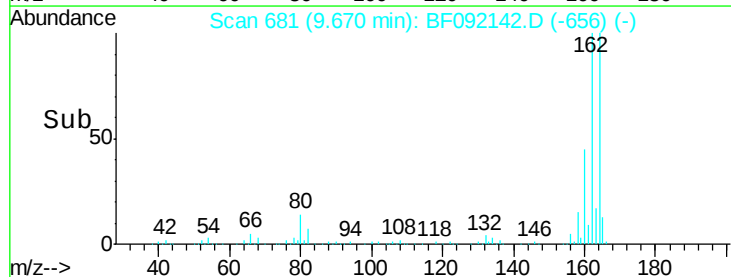
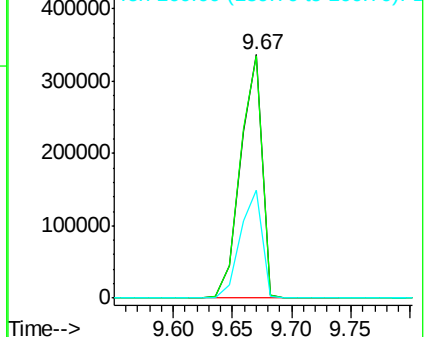
164 100

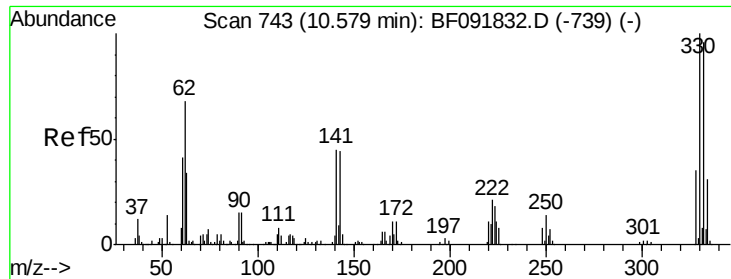
162 99.7 80.2 120.2

160 44.5 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

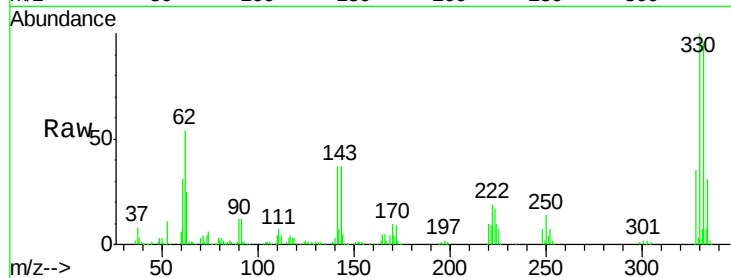




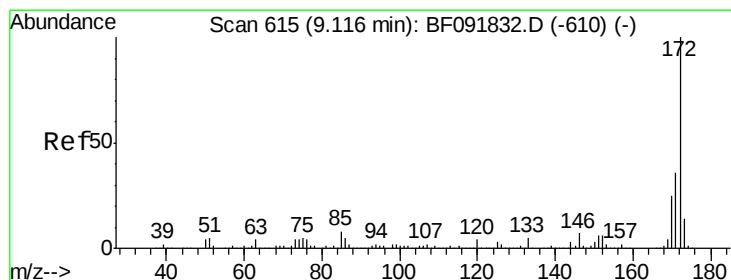
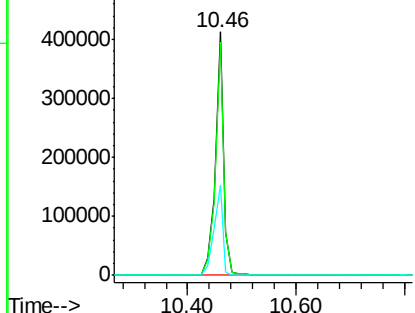
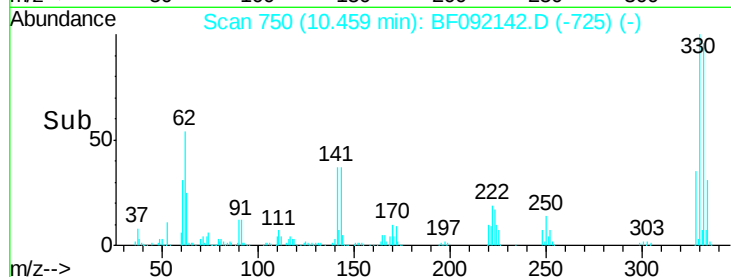
#41
 2,4,6-Tribromophenol
 Concen: 129.44 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092142.D
 Acq: 9 Jan 2017 17:27

Instrument :
 BNA_F
 ClientSampled :
 PB95818BL

Tgt Ion:330 Resp: 454256
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 39.4 34.1 51.1

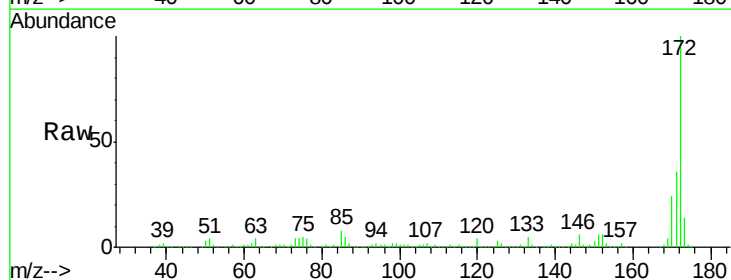


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

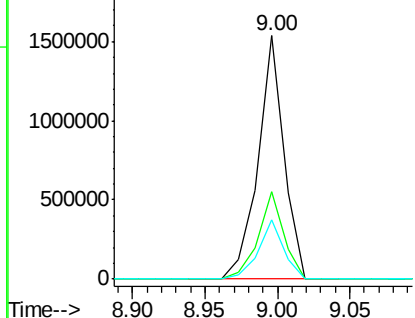
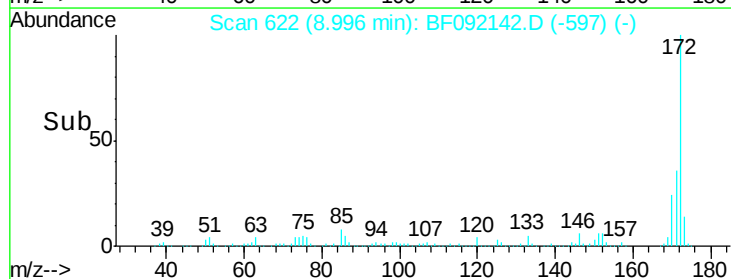


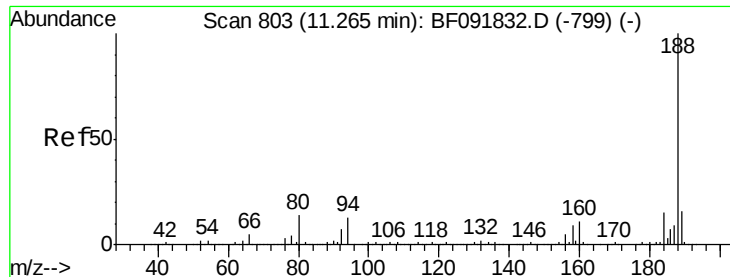
#44
 2-Fluorobiphenyl
 Concen: 93.62 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092142.D
 Acq: 9 Jan 2017 17:27

Tgt Ion:172 Resp: 1910484
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.4 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

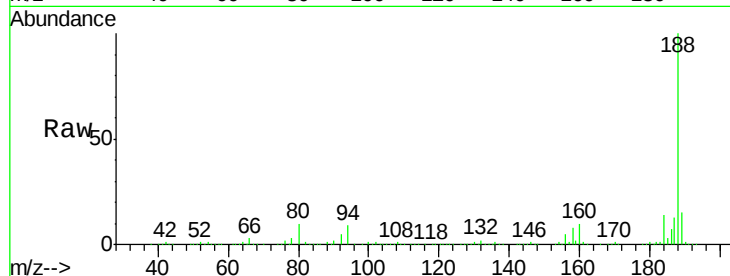




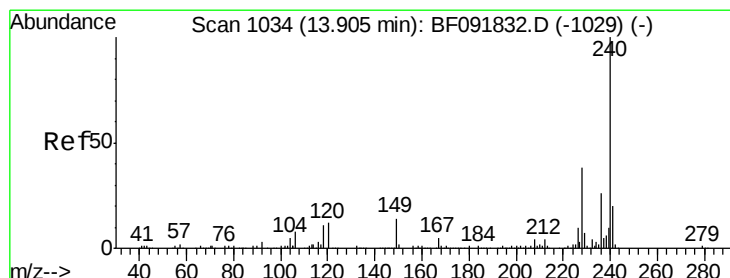
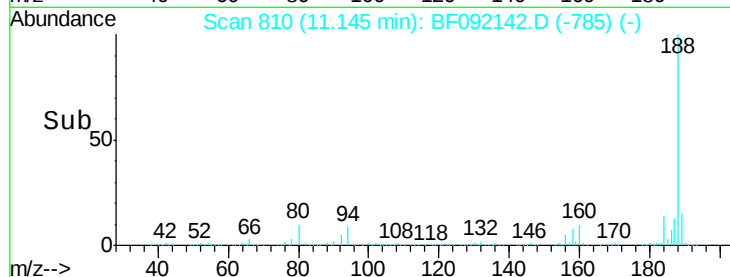
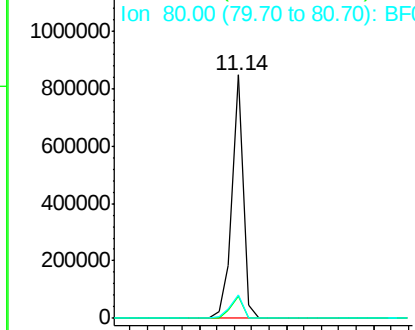
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092142.D
Acq: 9 Jan 2017 17:27

Instrument :
BNA_F
ClientSampled :
PB95818BL

Tgt Ion:188 Resp: 763660
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 9.5 11.2 16.8#

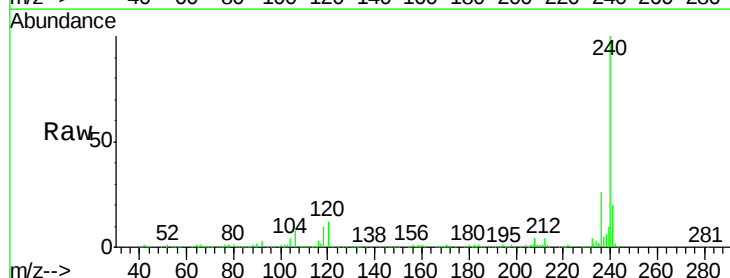


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

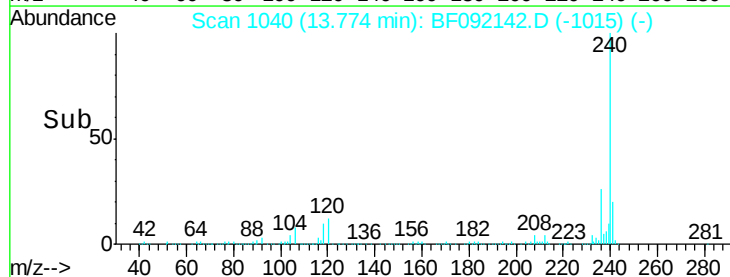
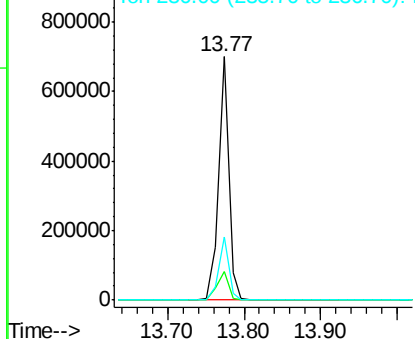


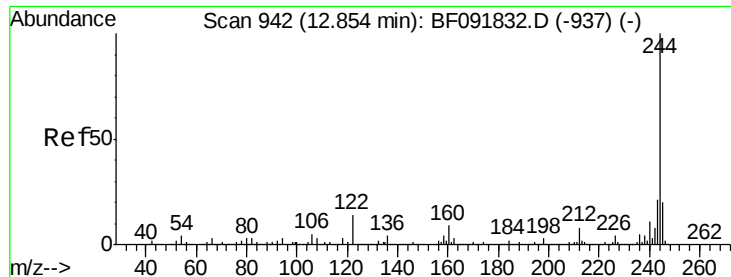
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF092142.D
Acq: 9 Jan 2017 17:27

Tgt Ion:240 Resp: 649711
Ion Ratio Lower Upper
240 100
120 11.7 12.9 19.3#
236 25.7 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: 69.50 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092142.D

Acq: 9 Jan 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB95818BL

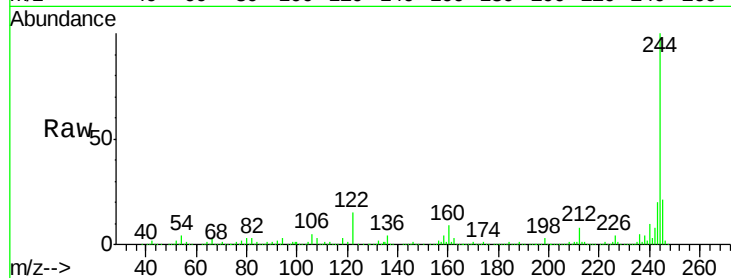
Tgt Ion:244 Resp: 1861970

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

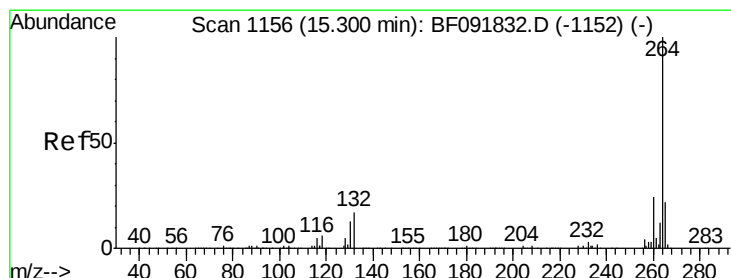
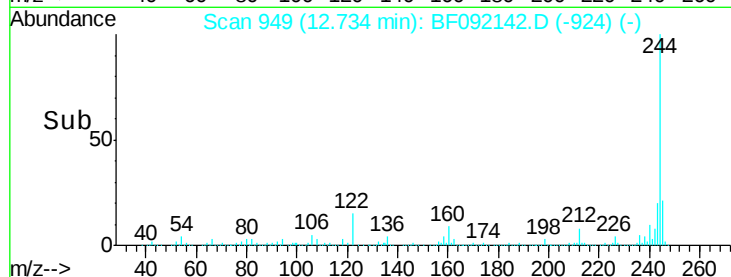
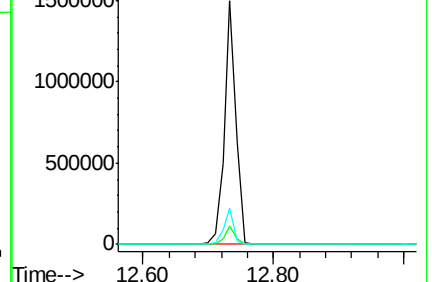
122 14.7 11.4 17.2



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: 15.15 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF092142.D

Acq: 9 Jan 2017 17:27

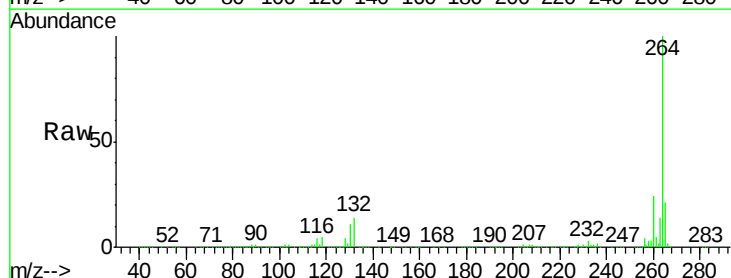
Tgt Ion:264 Resp: 621409

Ion Ratio Lower Upper

264 100

260 24.0 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

