

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
 Data File : BF092003.D
 Acq On : 28 Dec 2016 19:20
 Operator : UM/SJ
 Sample : H6245-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8

Quant Time: Dec 29 01:24:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	225247	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	889850	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	505035	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	773592	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	589751	20.00	ng	-0.01
86) Perylene-d12	15.24	264	413646	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	870650	64.54	ng	0.00
7) Phenol-d6	6.36	99	687875	41.77	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1626063	101.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	600575	143.69	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2326819	96.08	ng	-0.01
78) Terphenyl-d14	12.82	244	2297579	94.48	ng	0.00

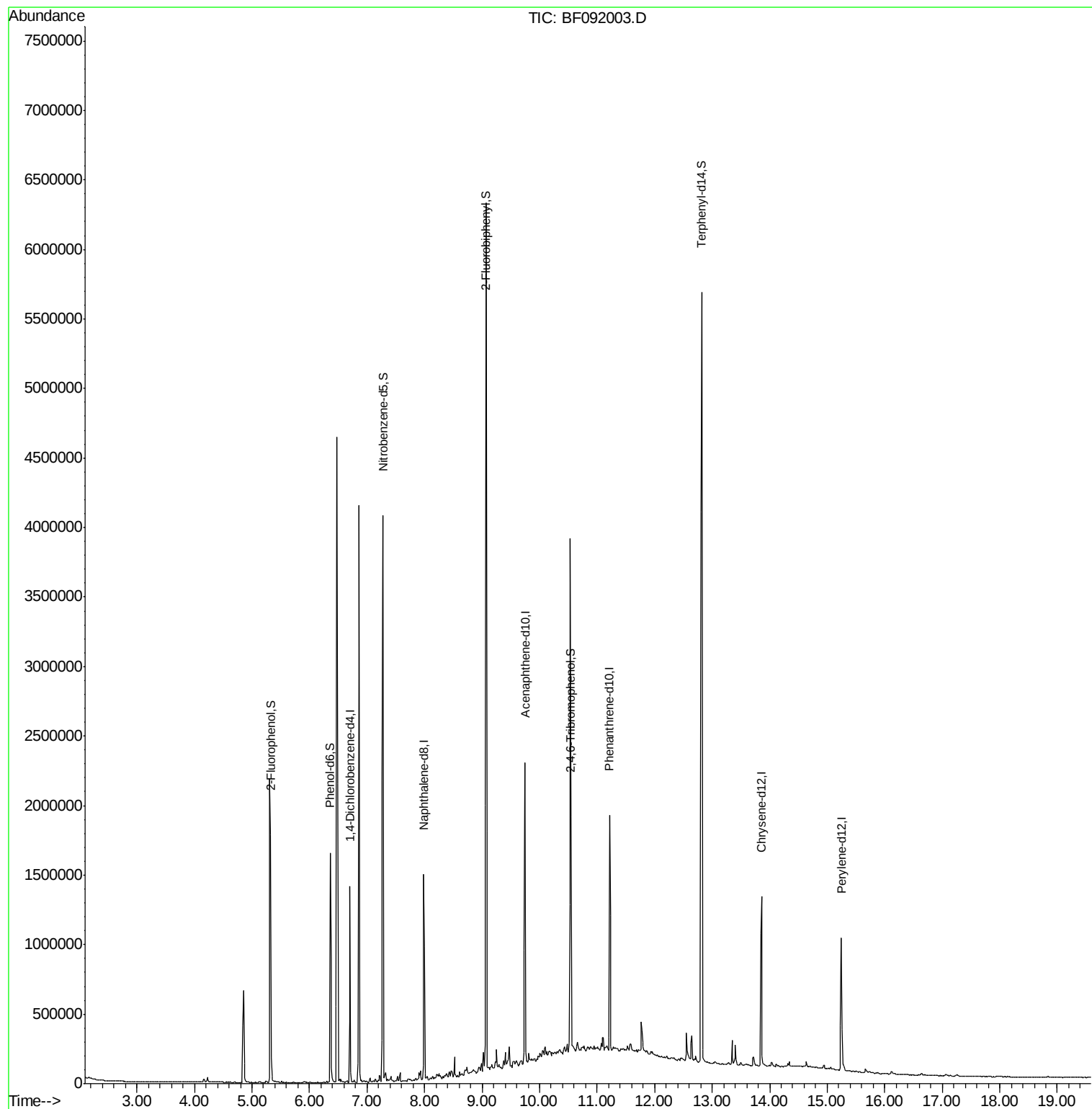
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092003.D

Acq: 28 Dec 2016 19:20

Instrument :

BNA_F

ClientSampled :

PZ-8

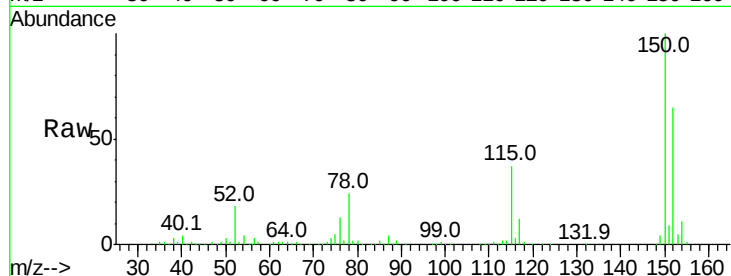
Tot Ion:152 Resp: 225247

Ion Ratio Lower Upper

152 100

150 153.0 124.9 187.3

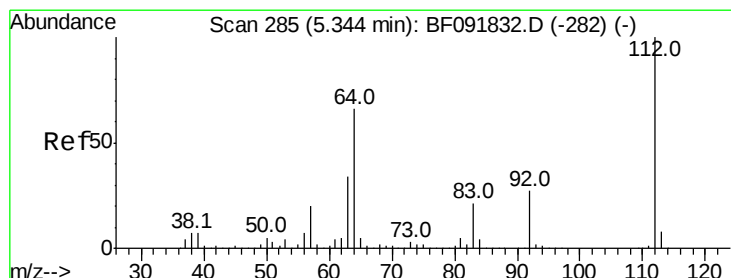
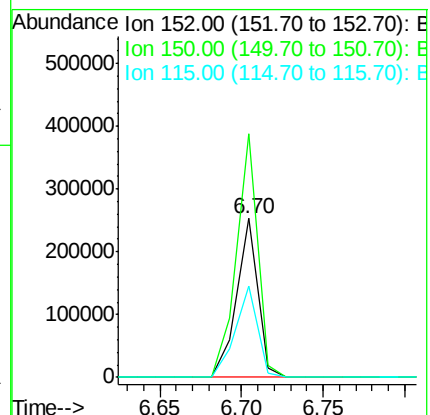
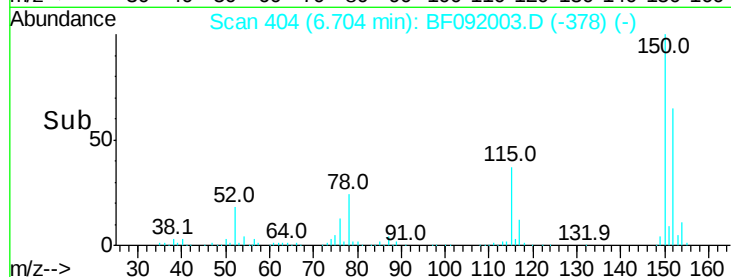
115 57.3 46.0 69.0



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: 64.54 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: BF092003.D

Acq: 28 Dec 2016 19:20

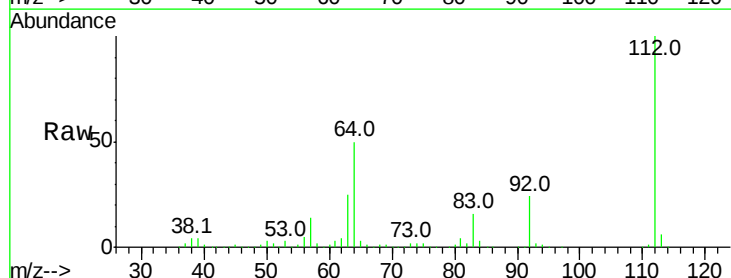
Tgt Ion:112 Resp: 870650

Ion Ratio Lower Upper

112 100

64 49.8 46.1 69.1

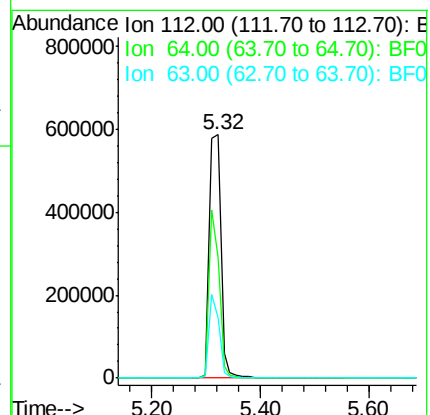
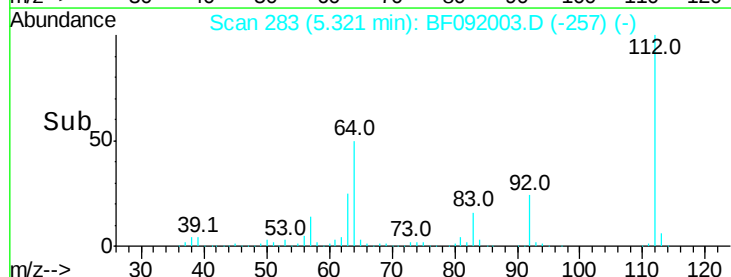
63 24.8 23.8 35.6

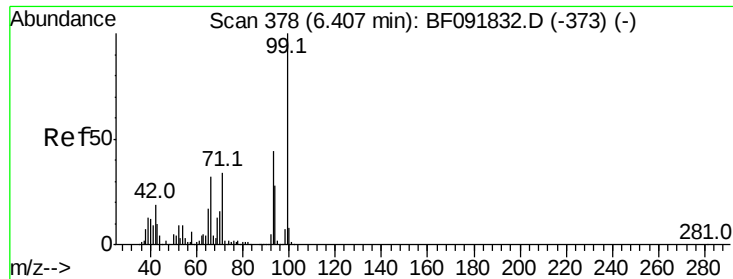


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.77 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF092003.D

Acq: 28 Dec 2016 19:20

Instrument :

BNA_F

ClientSampleId :

PZ-8

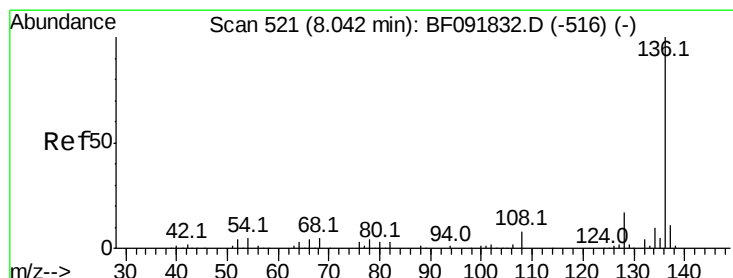
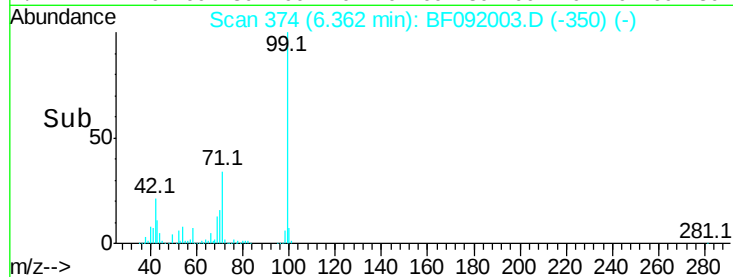
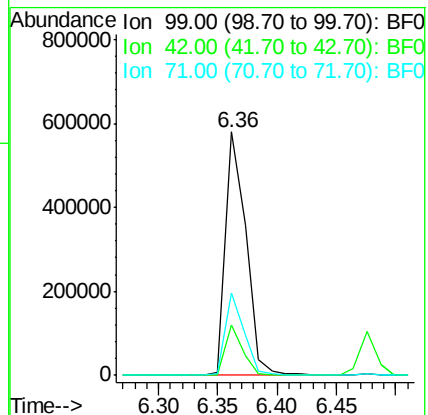
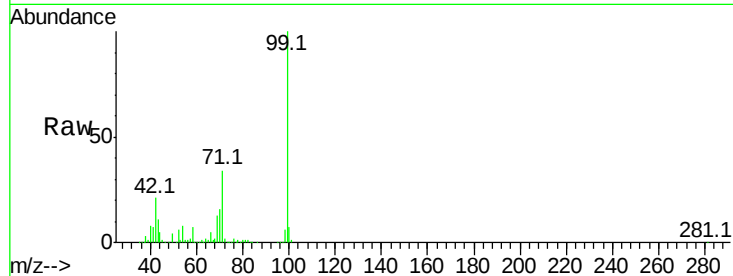
Tot Ion: 99 Resp: 687875

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

71 34.1 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF092003.D

Acq: 28 Dec 2016 19:20

Tgt Ion: 136 Resp: 889850

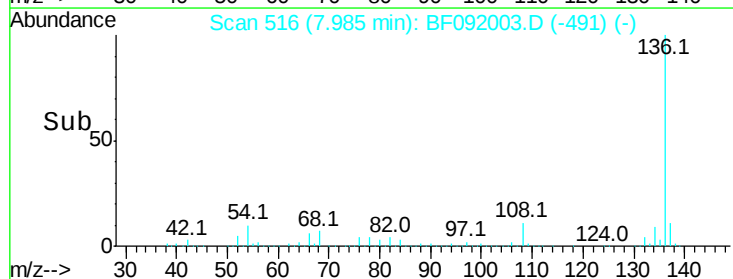
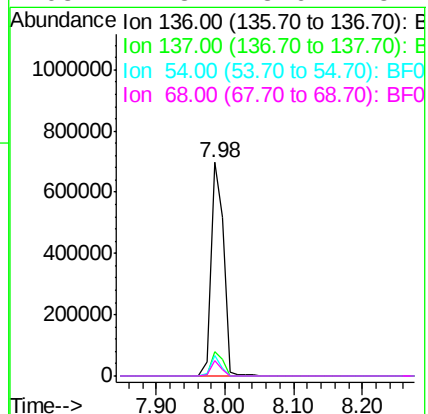
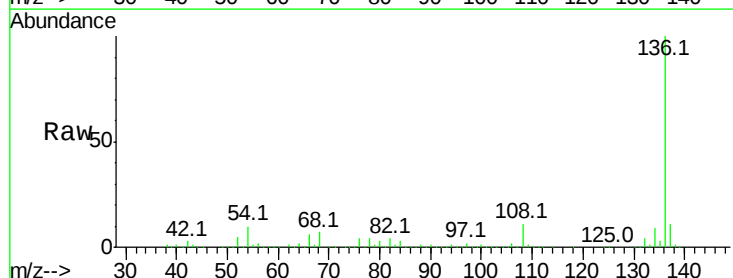
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.7 4.5 6.7#

68 7.3 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 101.61 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF092003.D

Acq: 28 Dec 2016 19:20

Instrument :

BNA_F

ClientSampled :

PZ-8

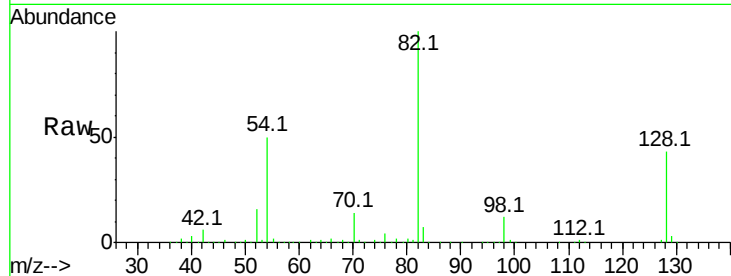
Tot Ion: 82 Resp: 1626063

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	52.0
54	50.4	39.5	59.3

82 100

128 43.4 34.6 52.0

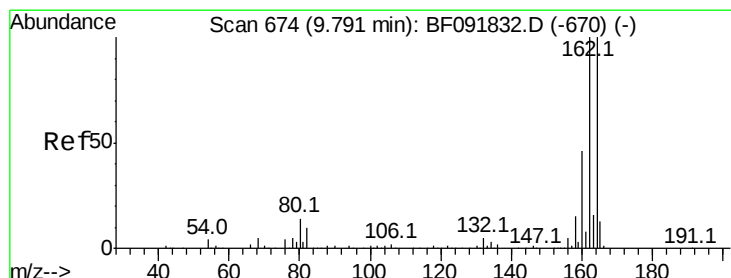
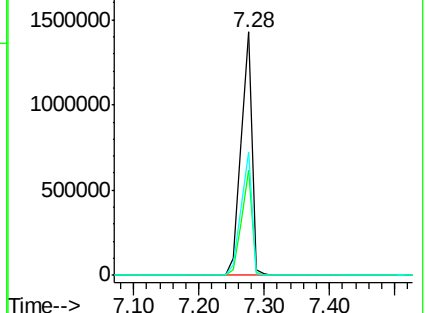
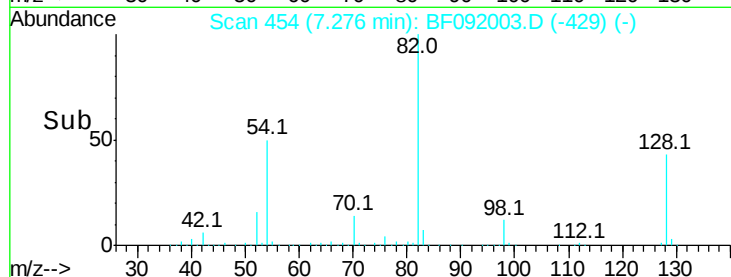
54 50.4 39.5 59.3



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: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF092003.D

Acq: 28 Dec 2016 19:20

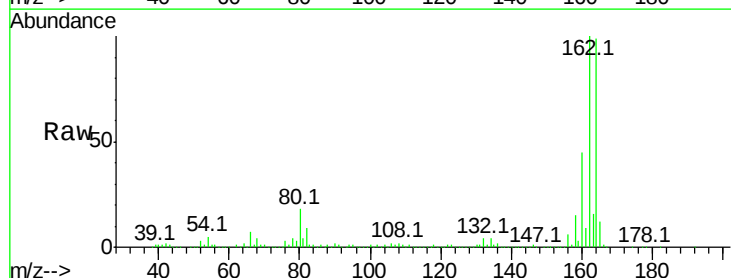
Tgt Ion:164 Resp: 505035

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	45.5	36.9	55.3

164 100

162 101.2 80.2 120.2

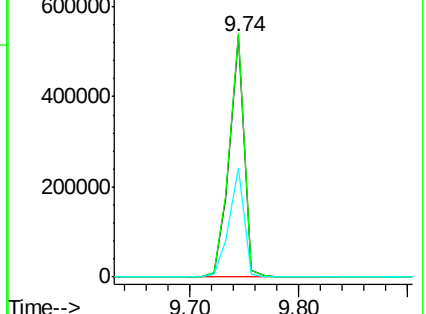
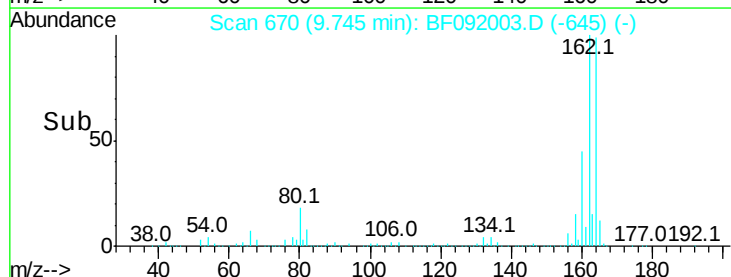
160 45.5 36.9 55.3

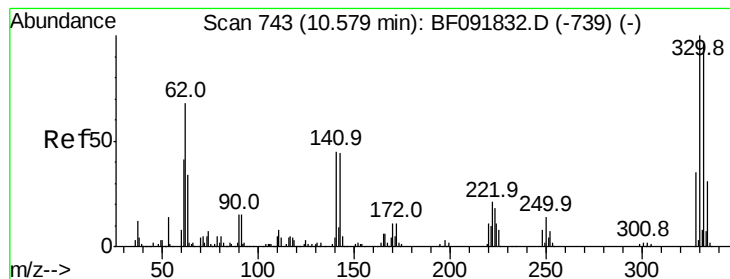


Abundance Ion 164.00 (163.70 to 164.70): B

Ion 162.00 (161.70 to 162.70): B

Ion 160.00 (159.70 to 160.70): B





#41

2,4,6-Tribromophenol

Concen: 143.69 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF092003.D

Acq: 28 Dec 2016 19:20

Instrument :

BNA_F

ClientSampled :

PZ-8

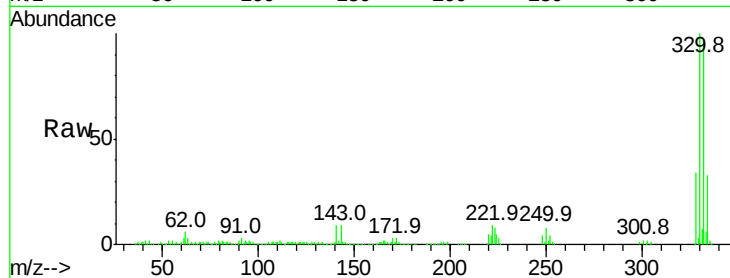
Tot Ion:330 Resp: 600575

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

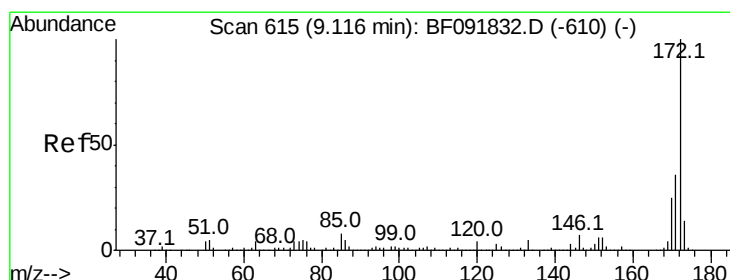
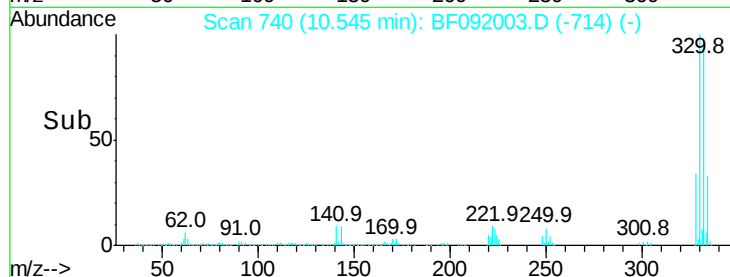
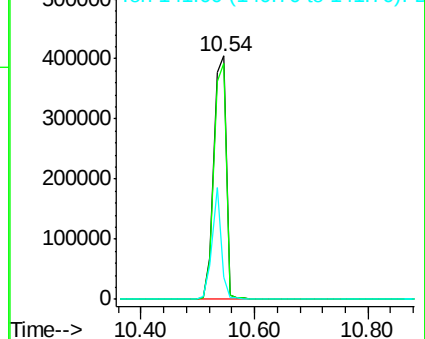
141 32.9 34.1 51.1#



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: 96.08 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF092003.D

Acq: 28 Dec 2016 19:20

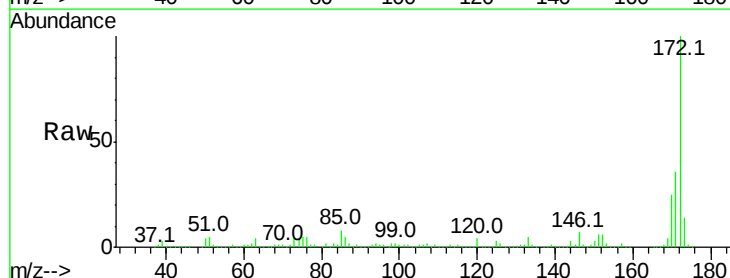
Tgt Ion:172 Resp: 2326819

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

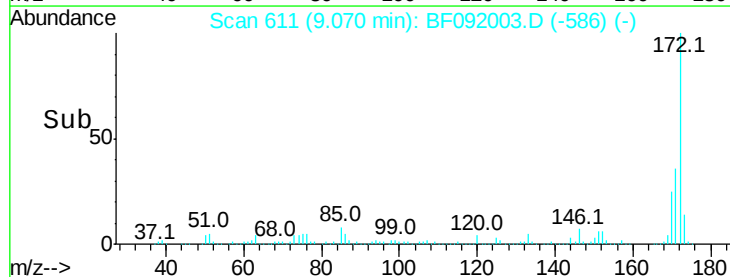
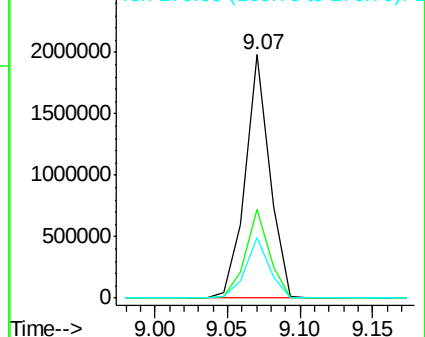
170 24.8 20.2 30.4

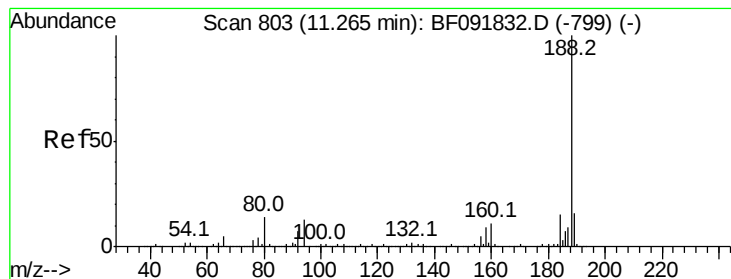


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF092003.D

Acq: 28 Dec 2016 19:20

Instrument :

BNA_F

ClientSampleId :

PZ-8

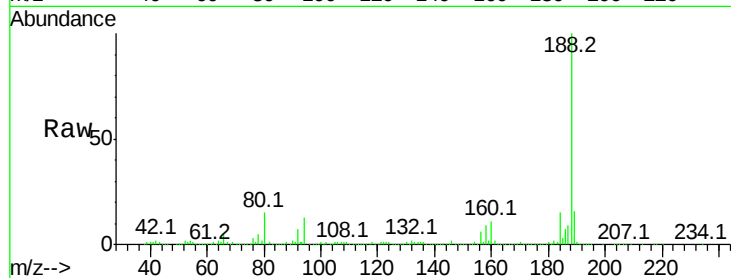
Tot Ion:188 Resp: 773592

Ion Ratio Lower Upper

188 100

94 13.1 10.0 15.0

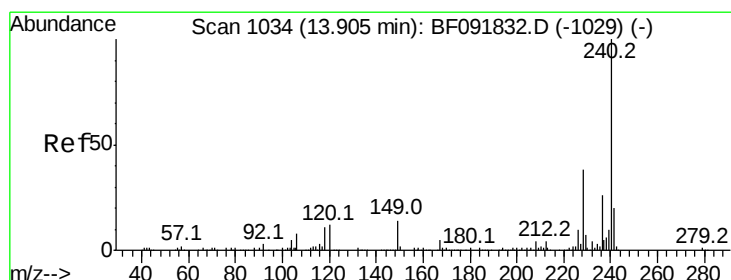
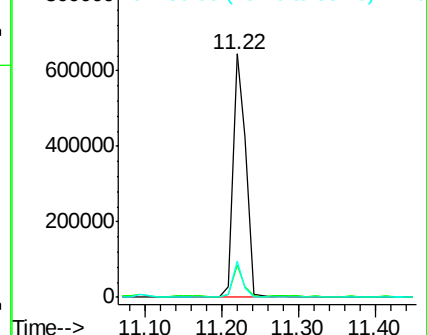
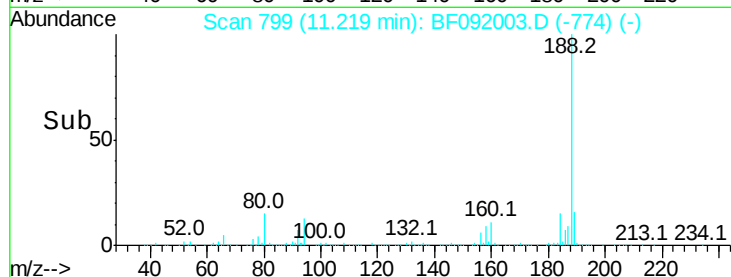
80 14.8 11.2 16.8



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: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF092003.D

Acq: 28 Dec 2016 19:20

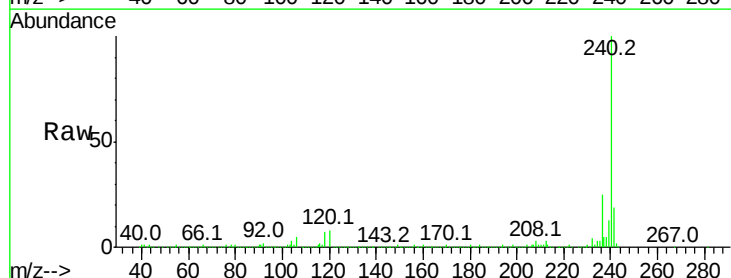
Tgt Ion:240 Resp: 589751

Ion Ratio Lower Upper

240 100

120 7.9 12.9 19.3#

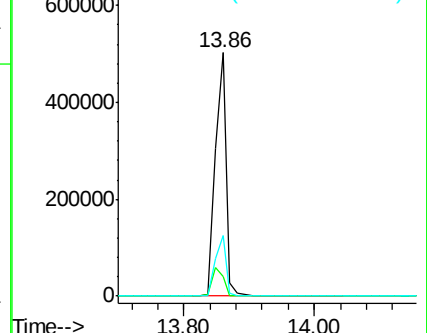
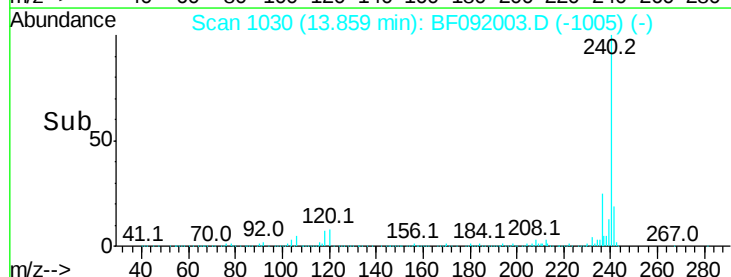
236 25.0 20.9 31.3

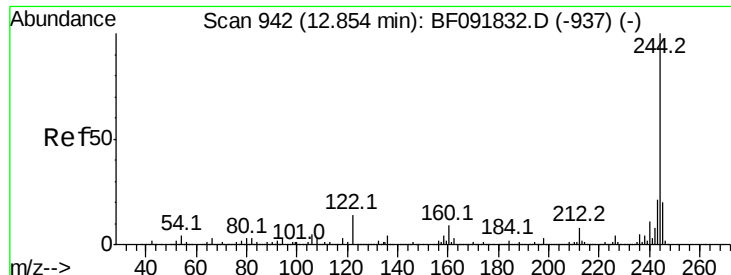


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.48 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF092003.D

Acq: 28 Dec 2016 19:20

Instrument :

BNA_F

ClientSampleId :

PZ-8

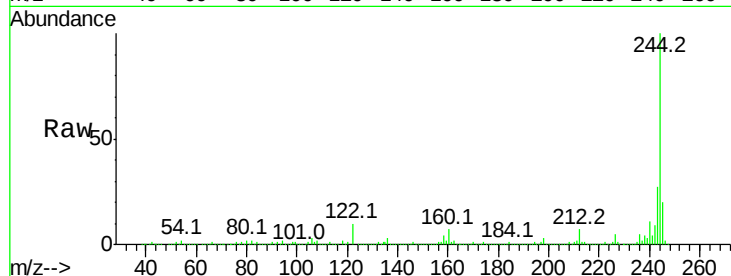
Tot Ion:244 Resp: 2297579

Ion Ratio Lower Upper

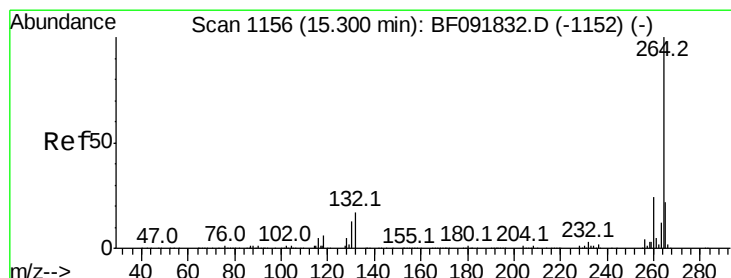
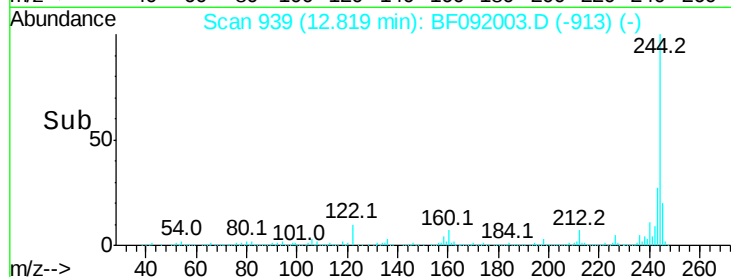
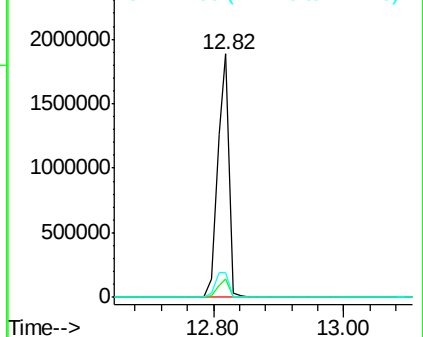
244 100

212 7.4 6.2 9.2

122 9.9 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: 15.24 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF092003.D

Acq: 28 Dec 2016 19:20

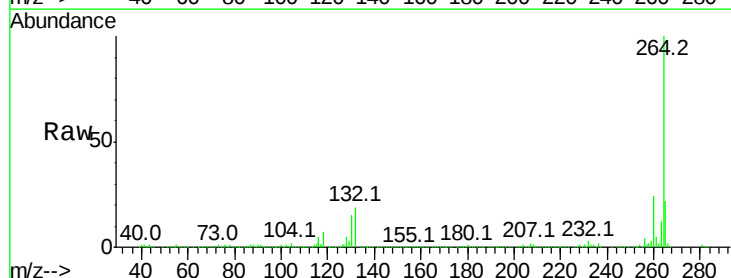
Tgt Ion:264 Resp: 413646

Ion Ratio Lower Upper

264 100

260 23.8 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

