

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092300.D
 Acq On : 16 Jan 2017 22:21
 Operator : UM/SJ
 Sample : I1197-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-45

Quant Time: Jan 17 02:15:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	177041	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	680540	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	372640	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	721569	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	619686	20.00	ng	-0.01
86) Perylene-d12	15.05	264	439101	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	805257	75.95	ng	0.00
7) Phenol-d6	6.22	99	632590	48.87	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1238322	101.18	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	555938	180.27	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	1982292	113.29	ng	0.00
78) Terphenyl-d14	12.66	244	2270995	88.88	ng	0.00

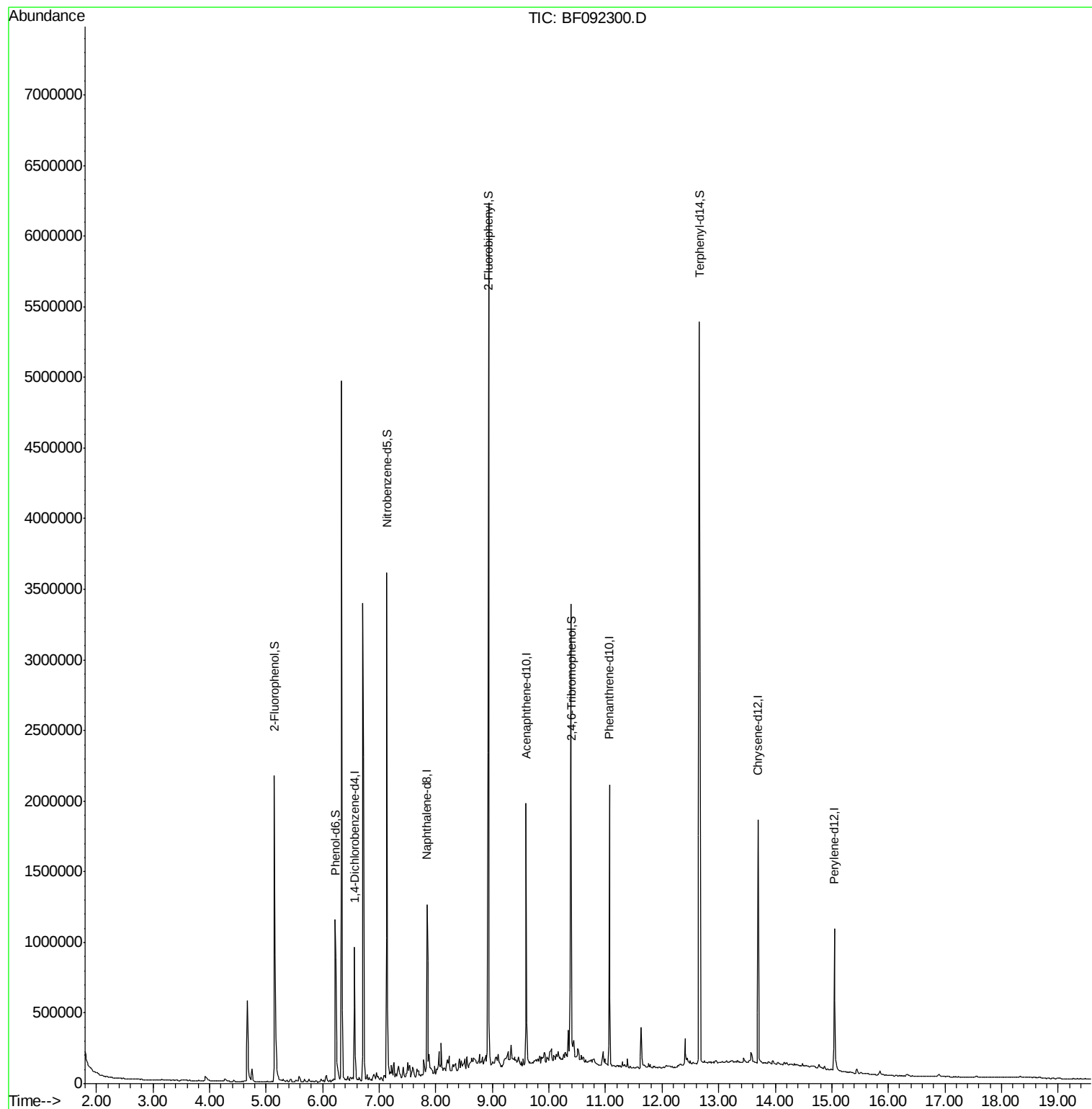
Target Compounds Qvalue

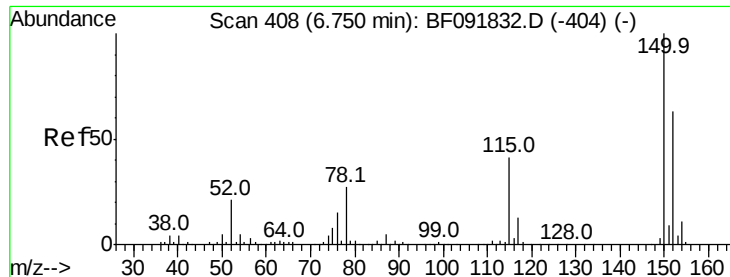
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

W-45

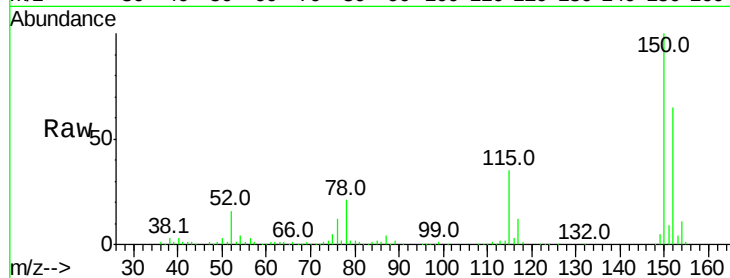
Tot Ion:152 Resp: 177041

Ion Ratio Lower Upper

152 100

150 153.9 124.9 187.3

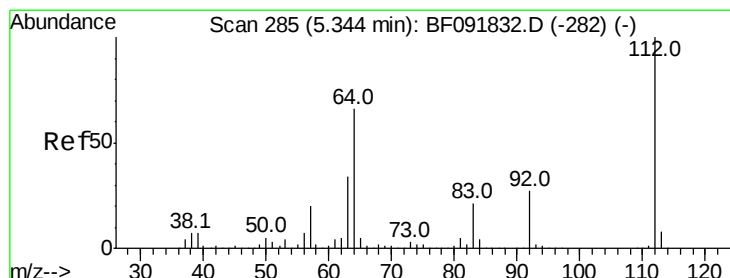
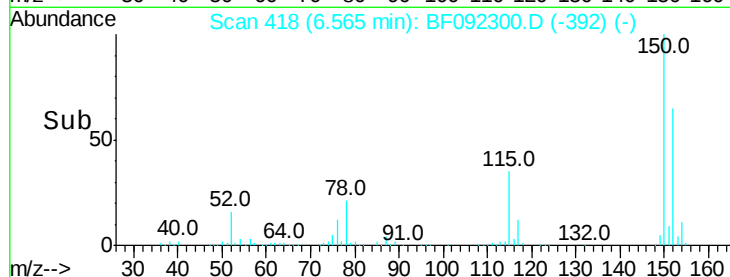
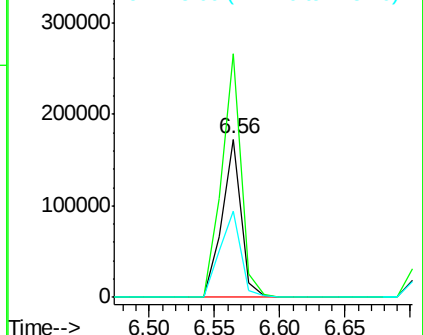
115 54.3 46.0 69.0



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: 75.95 ng

RT: 5.15 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

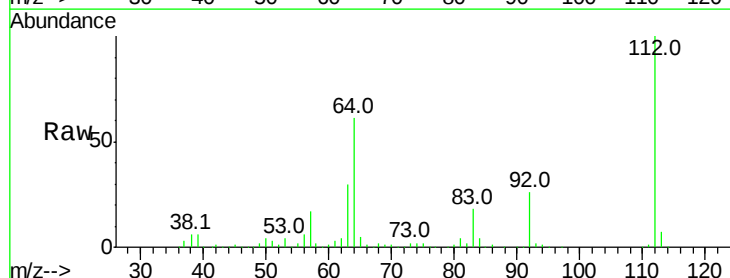
Tgt Ion:112 Resp: 805257

Ion Ratio Lower Upper

112 100

64 60.6 46.1 69.1

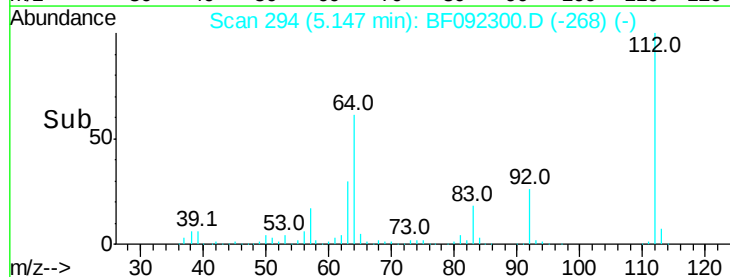
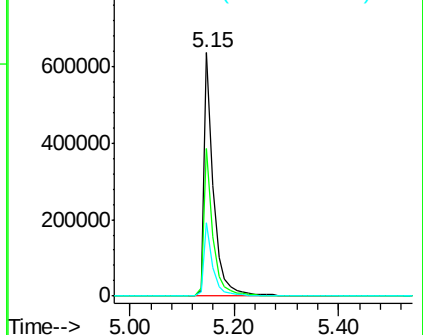
63 30.0 23.8 35.6



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: 48.87 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

Instrument :

BNA_F

ClientSampled :

W-45

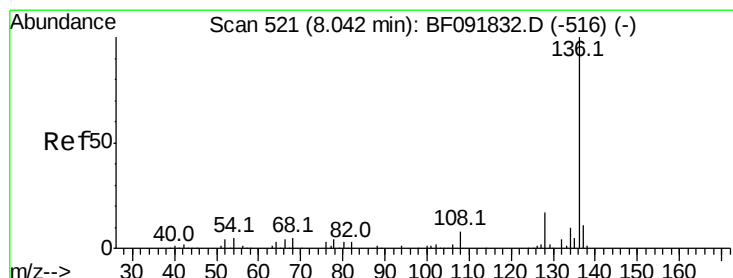
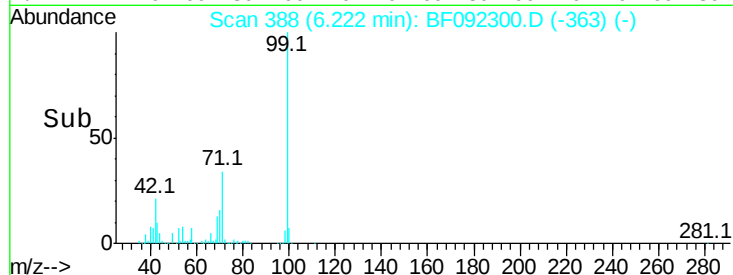
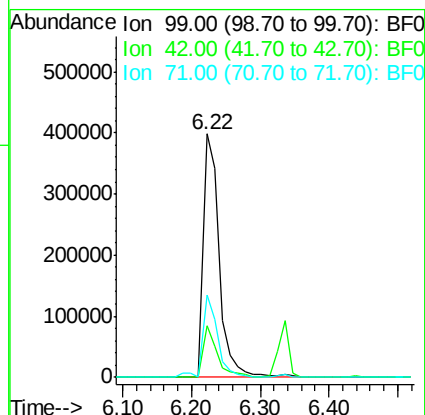
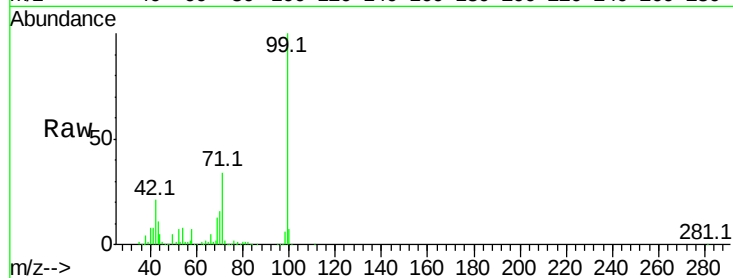
Tot Ion: 99 Resp: 632590

Ion Ratio Lower Upper

99 100

42 21.1 15.6 23.4

71 33.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

Tgt Ion: 136 Resp: 680540

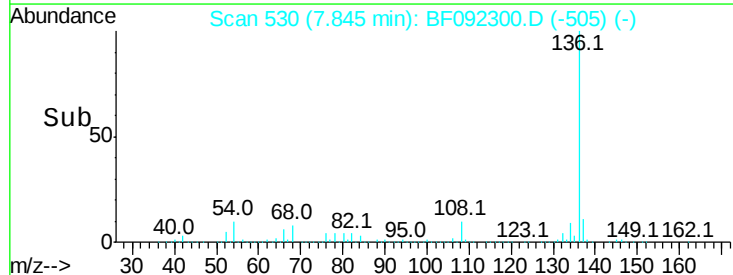
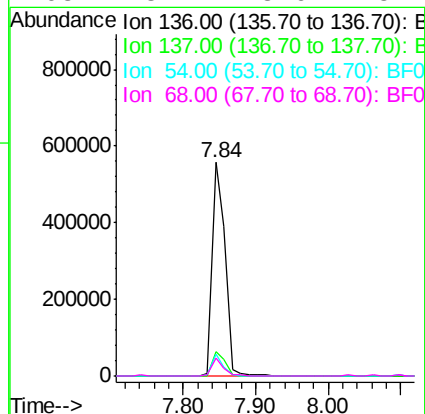
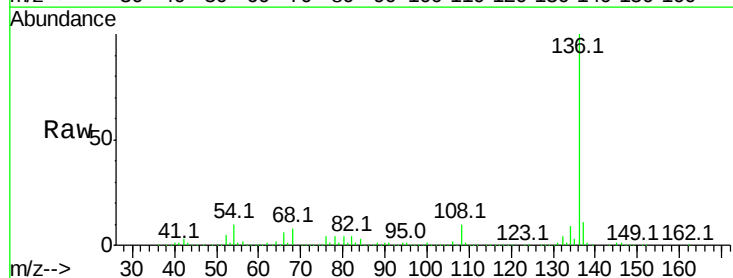
Ion Ratio Lower Upper

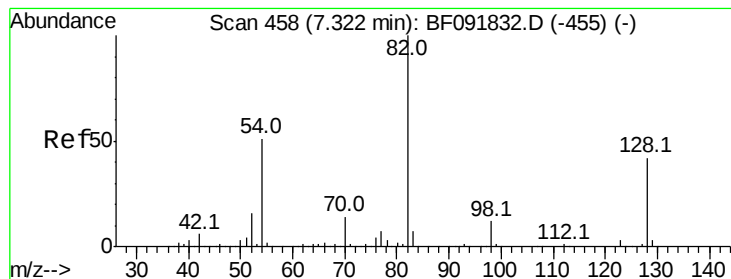
136 100

137 11.4 8.4 12.6

54 10.1 4.5 6.7#

68 8.1 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 101.18 ng

RT: 7.14 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

W-45

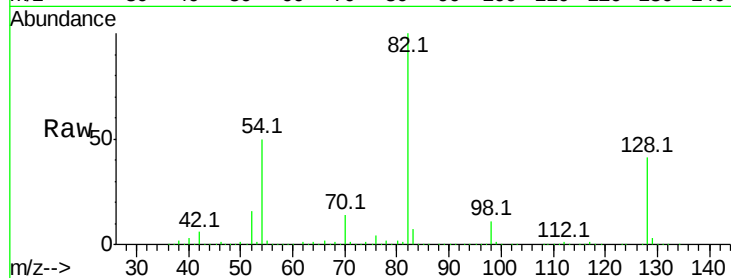
Tot Ion: 82 Resp: 1238322

Ion Ratio Lower Upper

82 100

128 41.1 34.6 52.0

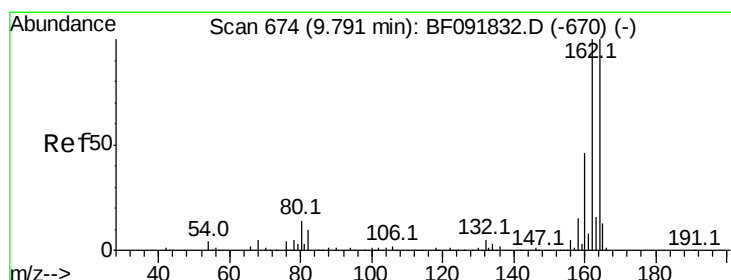
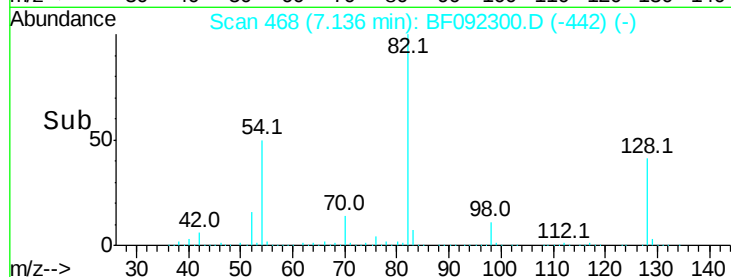
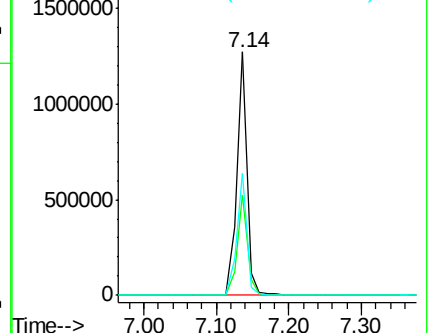
54 50.0 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

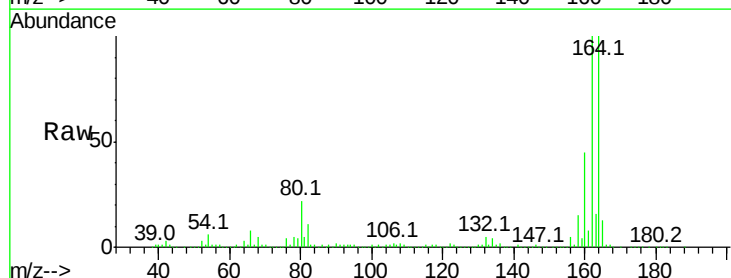
Tgt Ion:164 Resp: 372640

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

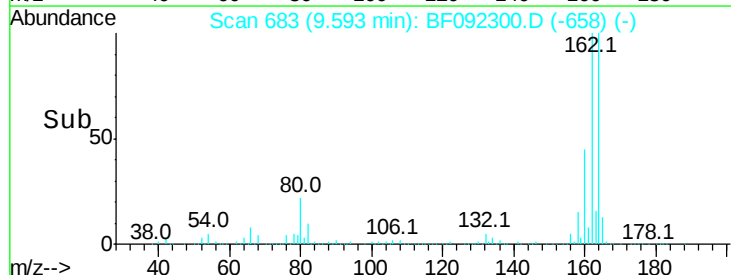
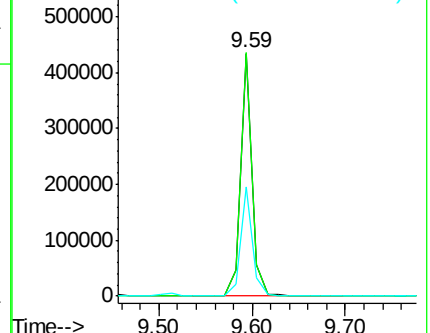
160 44.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

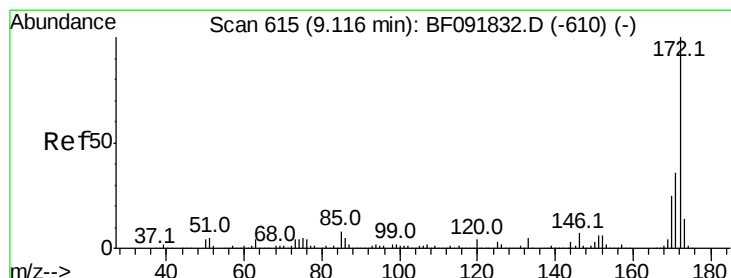
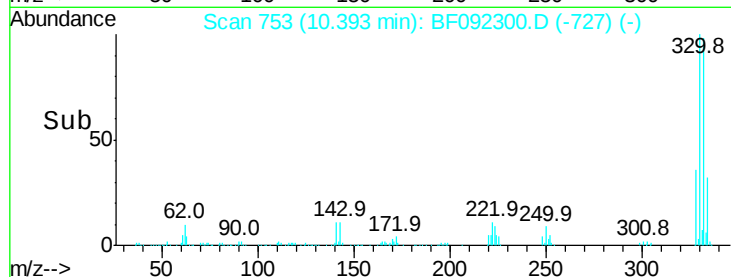
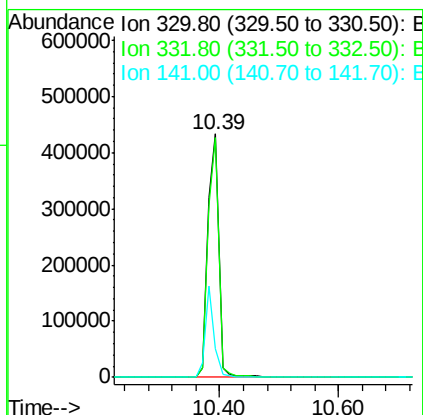
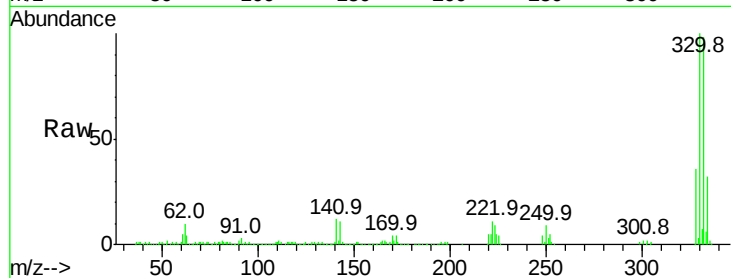




#41
 2,4,6-Tribromophenol
 Concen: 180.27 ng
 RT: 10.39 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF092300.D
 Acq: 16 Jan 2017 22:21

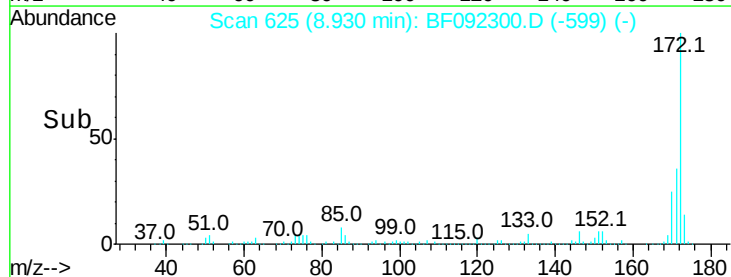
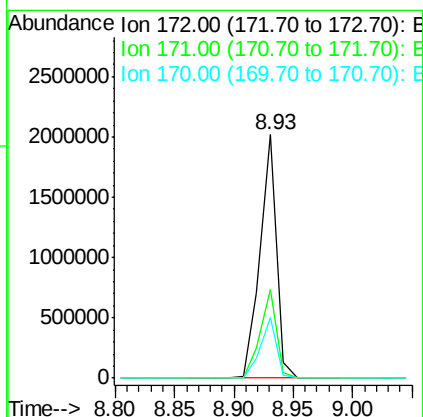
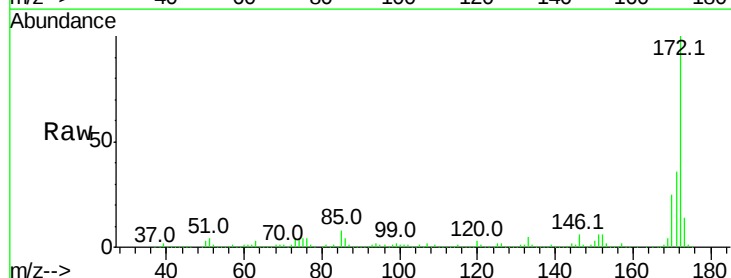
Instrument :
 BNA_F
 ClientSampleId :
 W-45

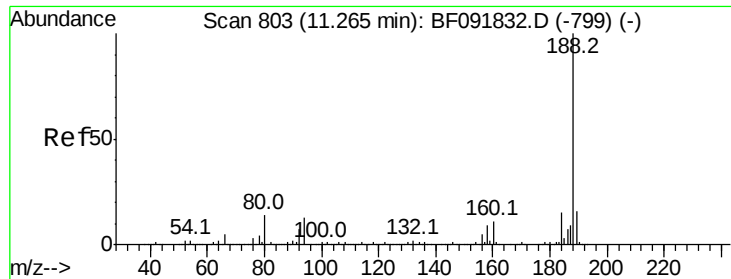
Tot Ion:330 Resp: 555938
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 30.5 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 113.29 ng
 RT: 8.93 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF092300.D
 Acq: 16 Jan 2017 22:21

Tgt Ion:172 Resp: 1982292
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 20.2 30.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

Instrument :

BNA_F

ClientSampled :

W-45

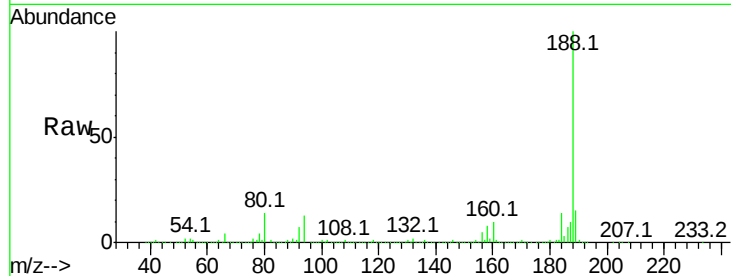
Tot Ion:188 Resp: 721569

Ion Ratio Lower Upper

188 100

94 12.5 10.0 15.0

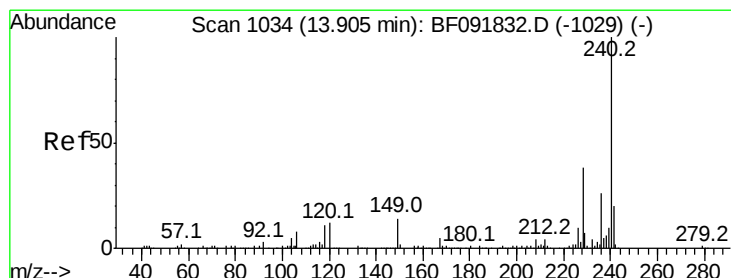
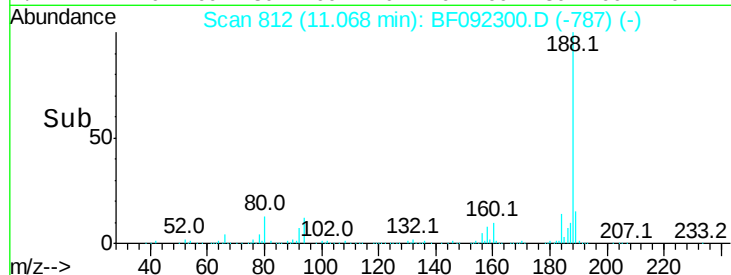
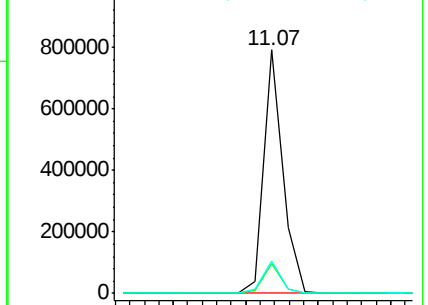
80 13.5 11.2 16.8



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: 13.70 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

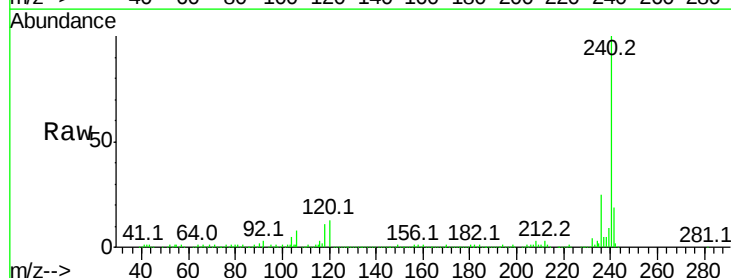
Tgt Ion:240 Resp: 619686

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

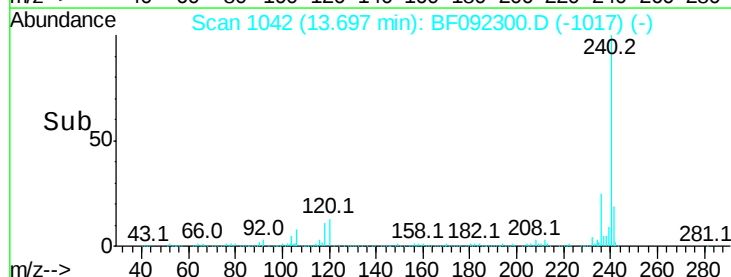
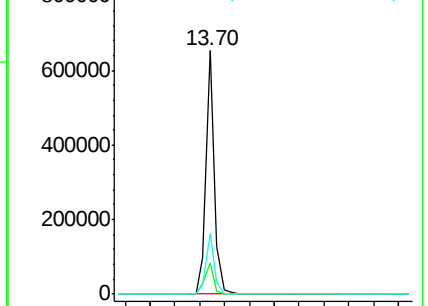
236 25.0 20.9 31.3

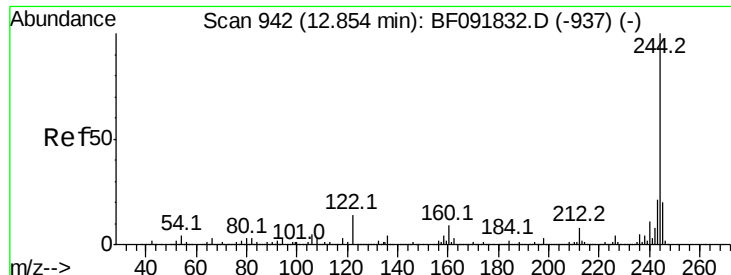


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.88 ng

RT: 12.66 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

Instrument :

BNA_F

ClientSampled :

W-45

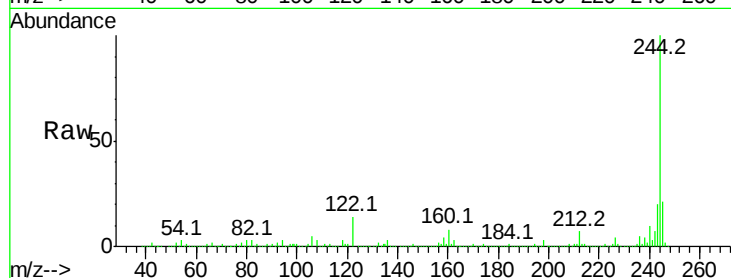
Tot Ion:244 Resp: 2270995

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

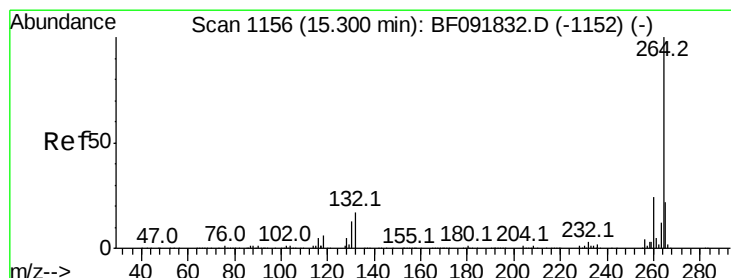
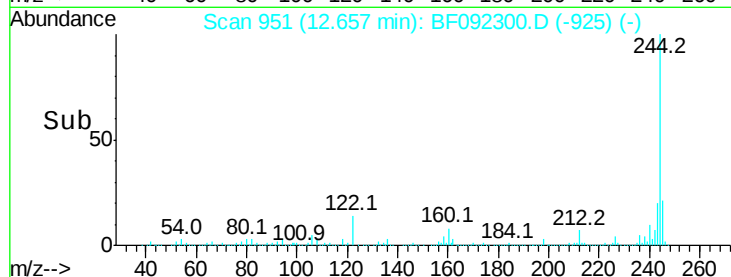
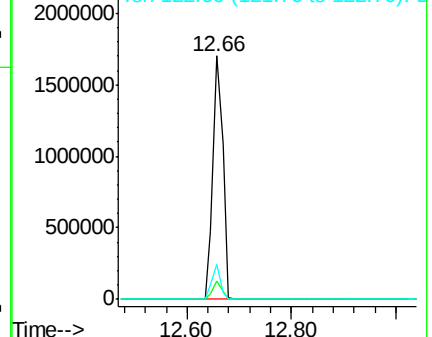
122 14.3 11.4 17.2



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: 15.05 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

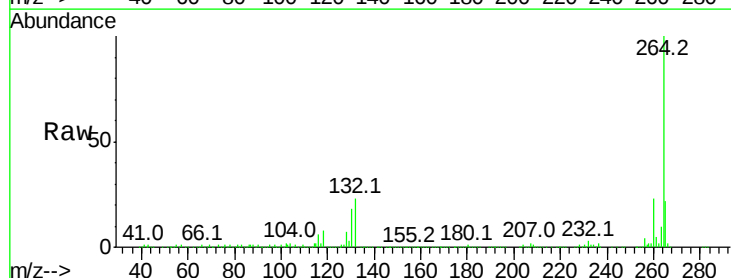
Tgt Ion:264 Resp: 439101

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.9 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

