

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092384.D
 Acq On : 20 Jan 2017 20:39
 Operator : UM/SJ
 Sample : I1265-06 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Quant Time: Jan 23 12:02:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	187778	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	716112	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	322350	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	436162	20.00	ng	0.00
75) Chrysene-d12	13.66	240	339099	20.00	ng	0.00
86) Perylene-d12	15.01	264	247265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	29482	2.62	ng	0.03
7) Phenol-d6	6.21	99	50066	3.65	ng	0.02
23) Nitrobenzene-d5	7.10	82	26746	2.08	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	6822	2.56	ng	0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.62	244	40808	2.92	ng	0.00

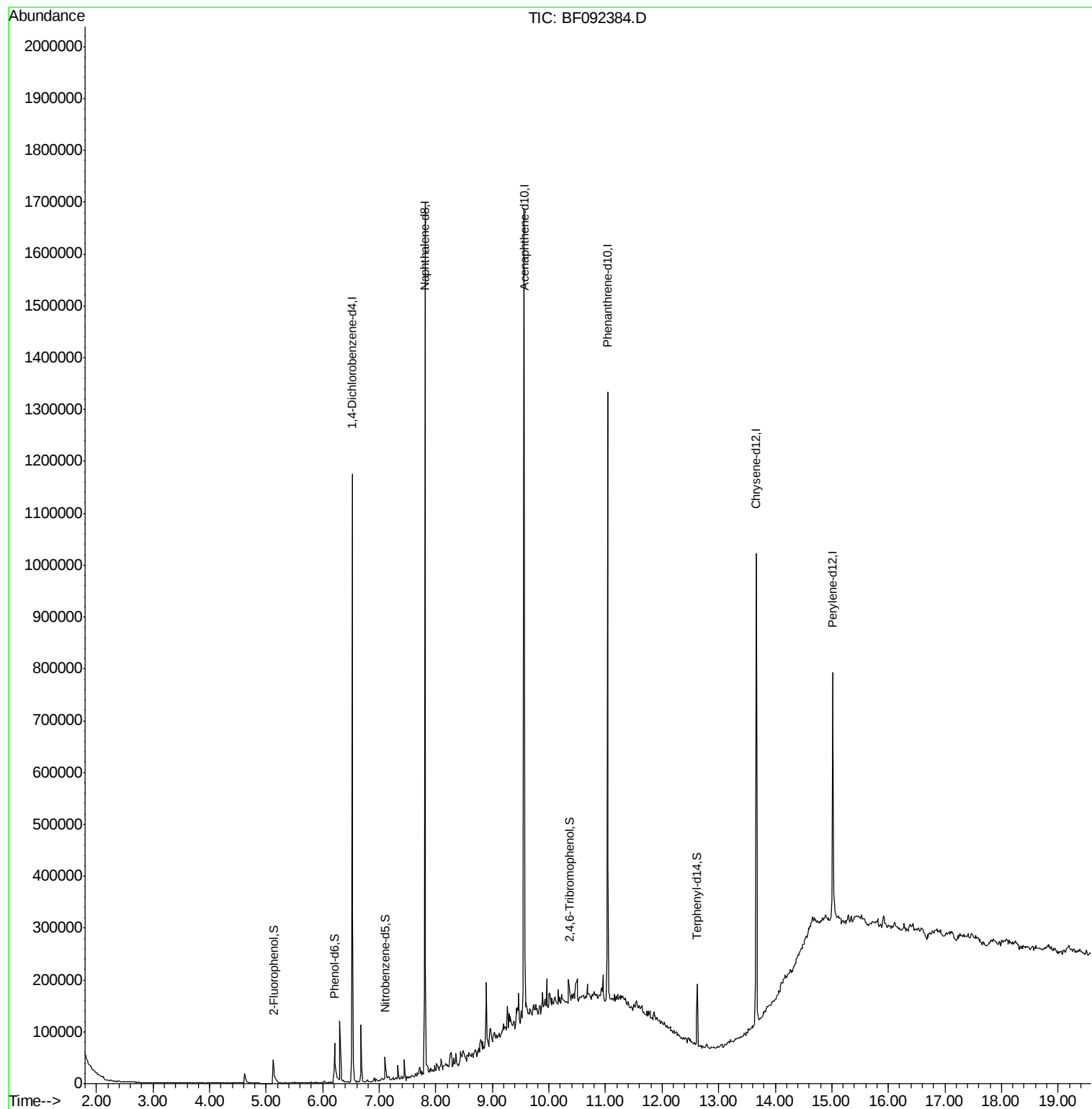
Target Compounds Qvalue

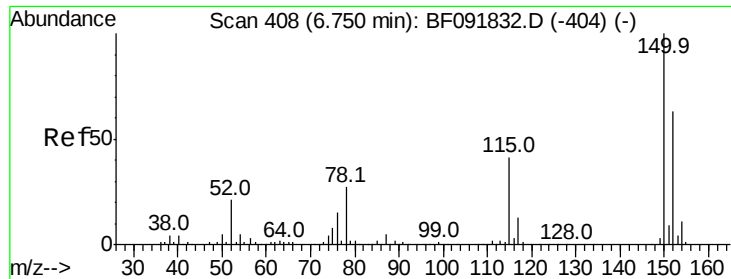
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF092384.D

Acq: 20 Jan 2017 20:39

Instrument :

BNA_F

ClientSampleId :

B-4

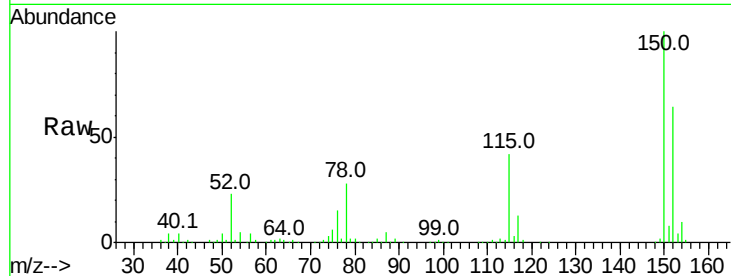
Tot Ion:152 Resp: 187778

Ion Ratio Lower Upper

152 100

150 157.5 124.9 187.3

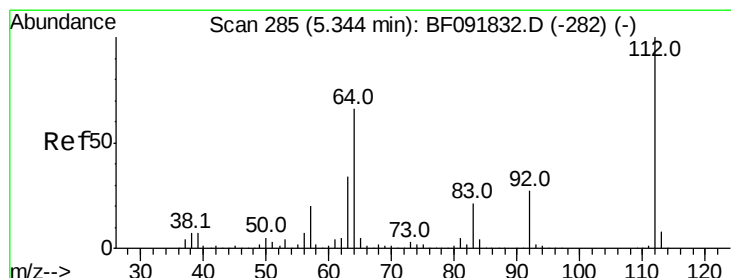
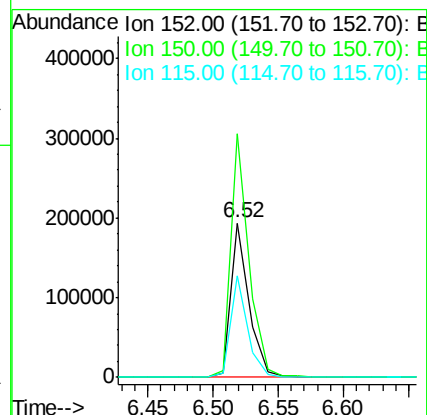
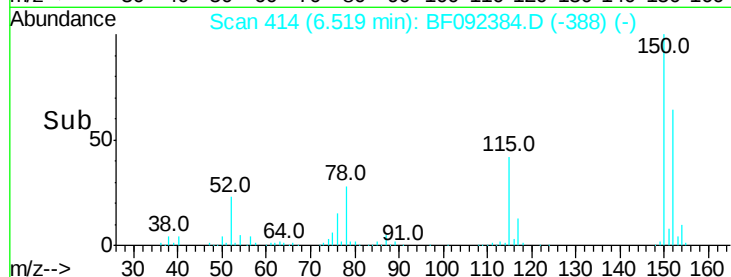
115 65.7 46.0 69.0



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: 2.62 ng

RT: 5.12 min Scan# 292

Delta R.T. 0.03 min

Lab File: BF092384.D

Acq: 20 Jan 2017 20:39

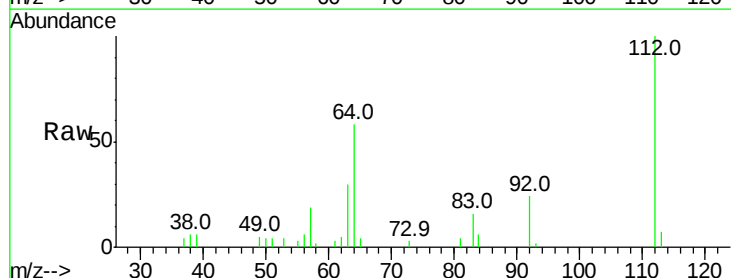
Tgt Ion:112 Resp: 29482

Ion Ratio Lower Upper

112 100

64 57.9 46.1 69.1

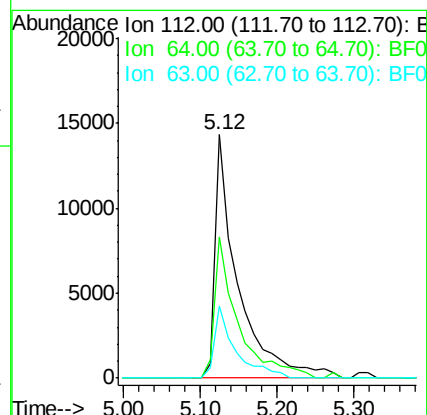
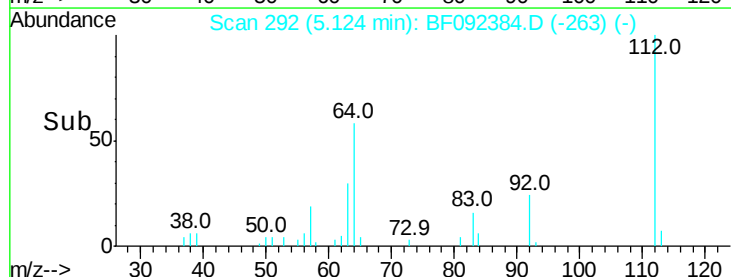
63 29.8 23.8 35.6

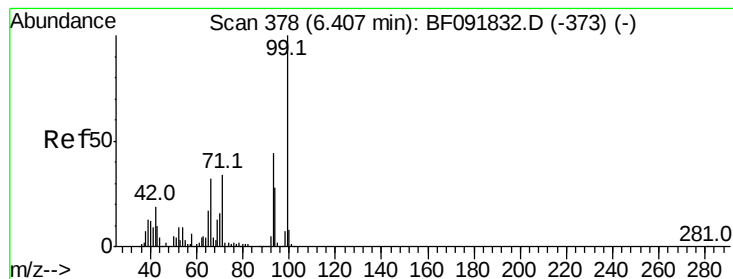


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 3.65 ng

RT: 6.21 min Scan# 387

Delta R.T. 0.02 min

Lab File: BF092384.D

Acq: 20 Jan 2017 20:39

Instrument :

BNA_F

ClientSampleId :

B-4

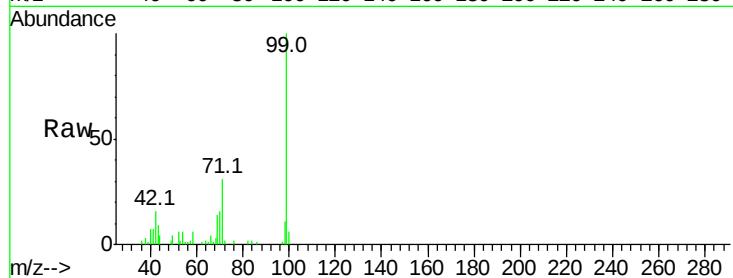
Tot Ion: 99 Resp: 50066

Ion Ratio Lower Upper

99 100

42 15.7 15.6 23.4

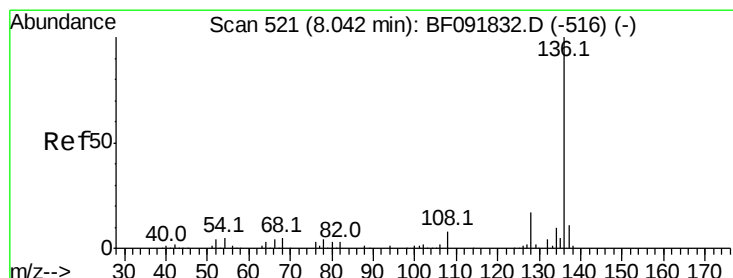
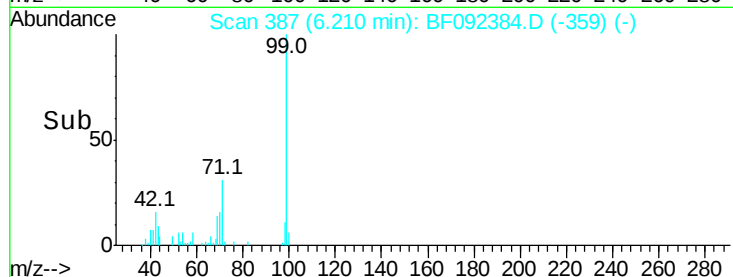
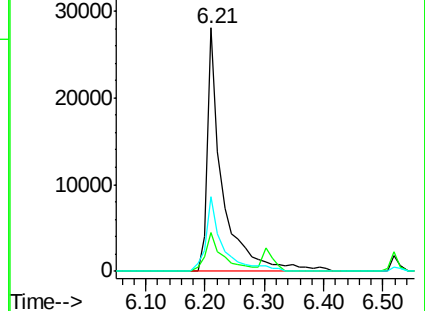
71 30.8 27.5 41.3



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: 7.81 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF092384.D

Acq: 20 Jan 2017 20:39

Tgt Ion: 136 Resp: 716112

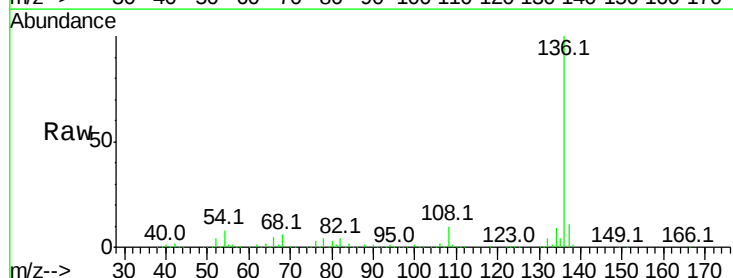
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 7.8 4.5 6.7#

68 6.5 3.6 5.4#

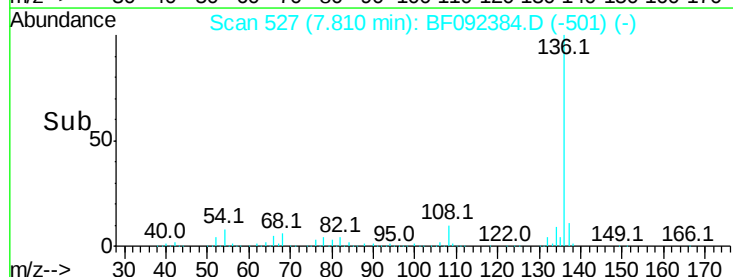
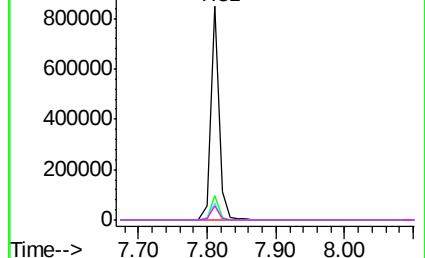


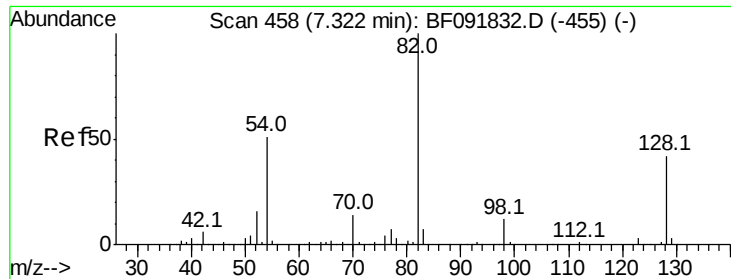
Abundance Ion 136.00 (135.70 to 136.70): E

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

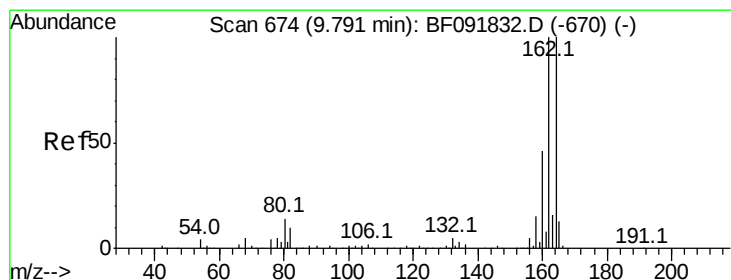
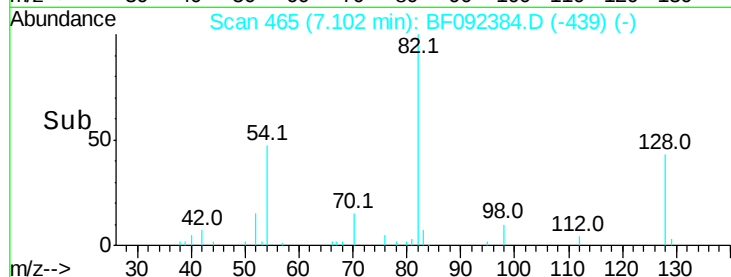
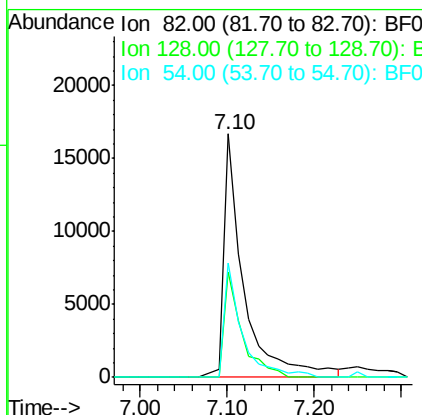
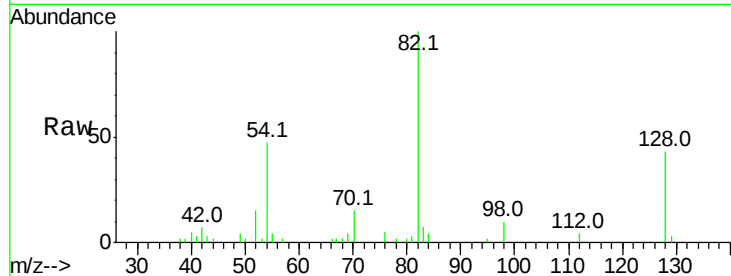




#23
 Nitrobenzene-d5
 Concen: 2.08 ng
 RT: 7.10 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF092384.D
 Acq: 20 Jan 2017 20:39

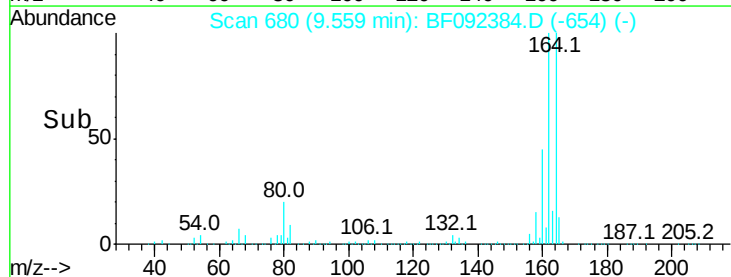
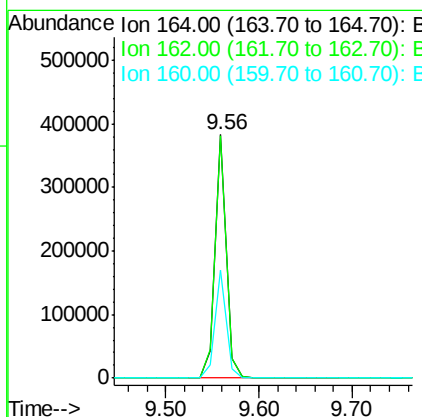
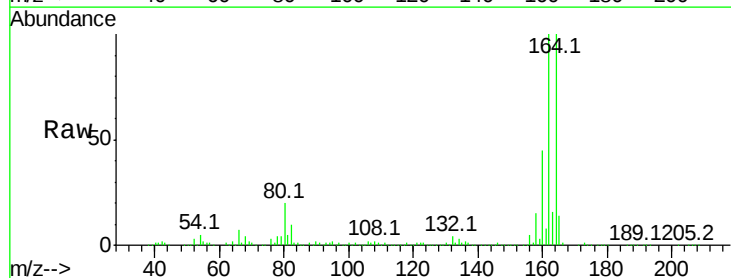
Instrument :
 BNA_F
 ClientSampled :
 B-4

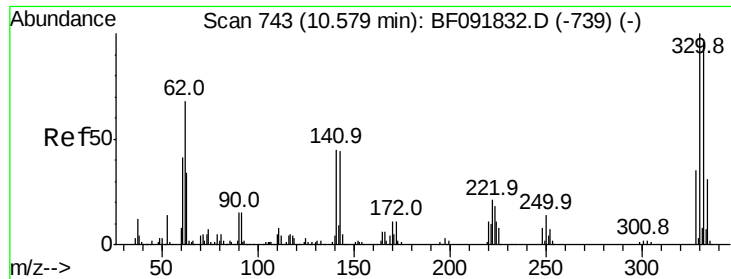
Tot Ion	82	Resp	26746
Ion Ratio	Lower	Upper	
82	100		
128	43.1	34.6	52.0
54	46.8	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF092384.D
 Acq: 20 Jan 2017 20:39

Tgt Ion	164	Resp	322350
Ion Ratio	Lower	Upper	
164	100		
162	99.7	80.2	120.2
160	44.5	36.9	55.3

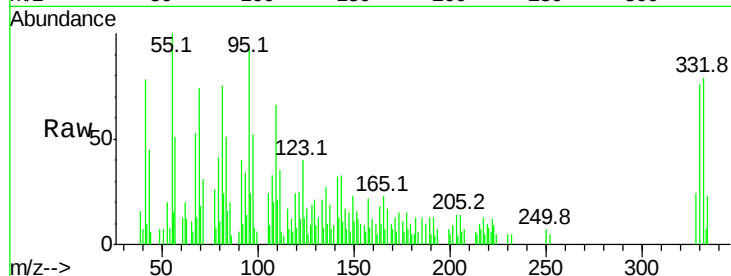




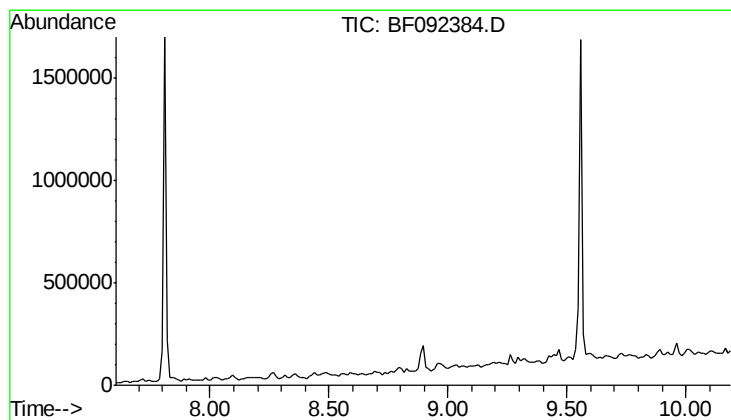
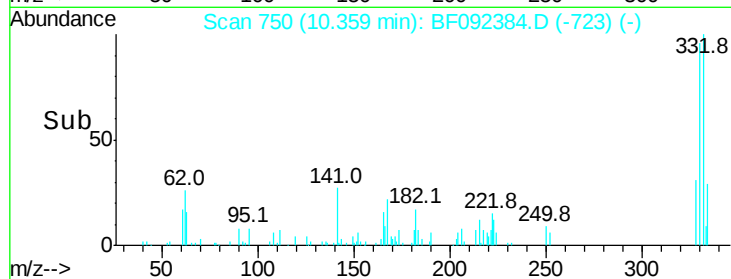
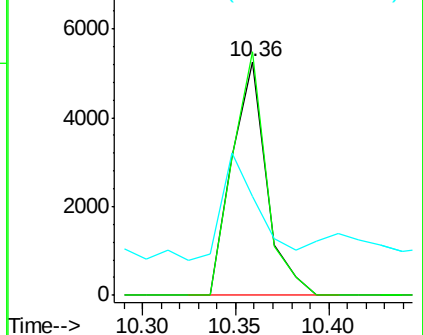
#41
 2,4,6-Tribromophenol
 Concen: 2.56 ng
 RT: 10.36 min Scan# 750
 Delta R.T. 0.01 min
 Lab File: BF092384.D
 Acq: 20 Jan 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Tot Ion:330 Resp: 6822
 Ion Ratio Lower Upper
 330 100
 332 101.7 77.4 116.2
 141 47.7 34.1 51.1



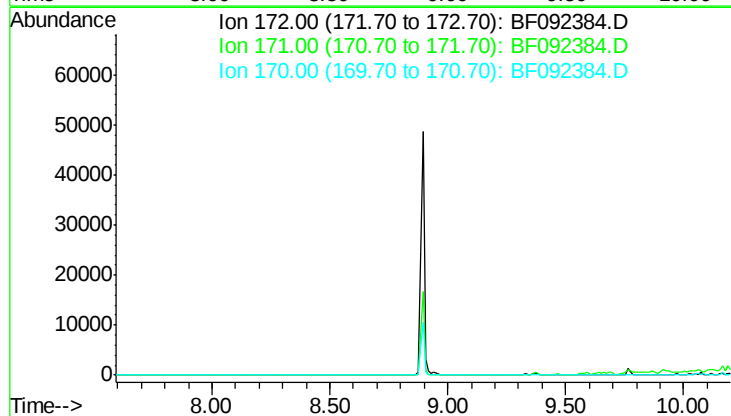
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

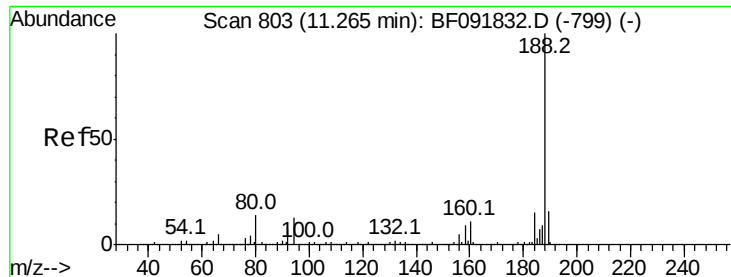


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 8.90 min

Lab File: BF092384.D
 Acq: 20 Jan 2017 20:39

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 36.7
 170 25.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF092384.D

Acq: 20 Jan 2017 20:39

Instrument :

BNA_F

ClientSampleId :

B-4

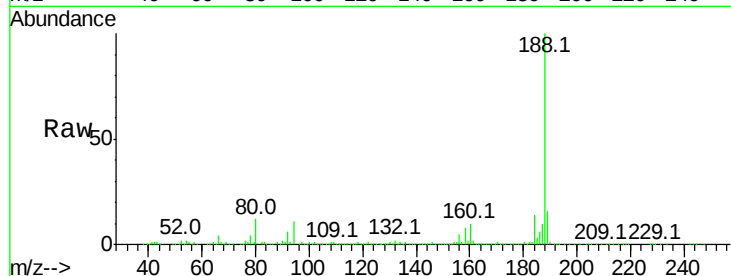
Tot Ion:188 Resp: 436162

Ion Ratio Lower Upper

188 100

94 11.4 10.0 15.0

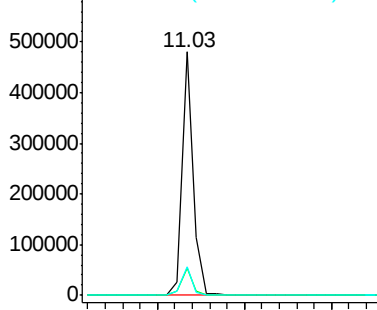
80 11.9 11.2 16.8



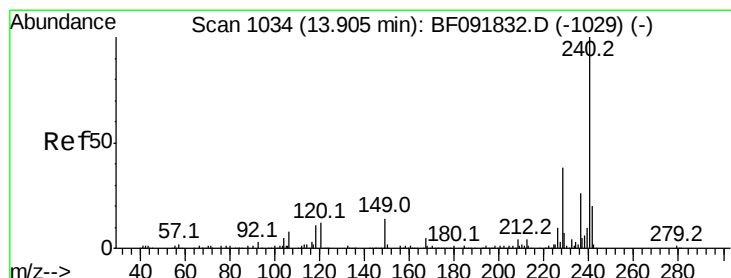
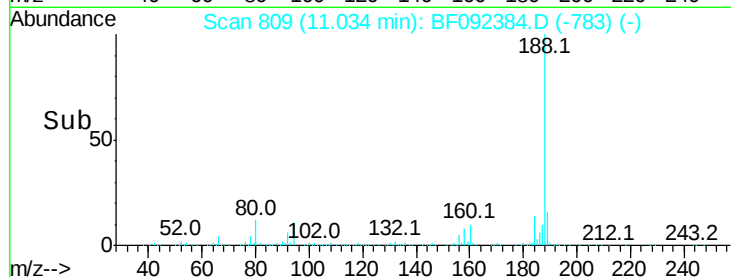
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF092384.D

Acq: 20 Jan 2017 20:39

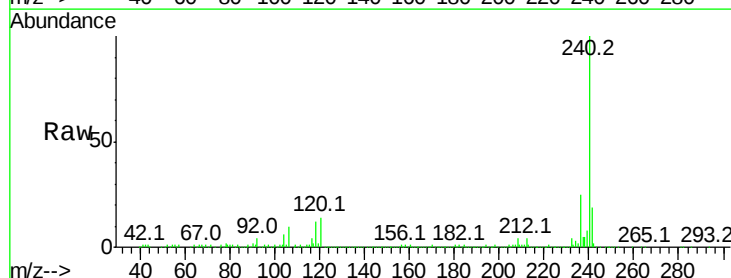
Tgt Ion:240 Resp: 339099

Ion Ratio Lower Upper

240 100

120 14.2 12.9 19.3

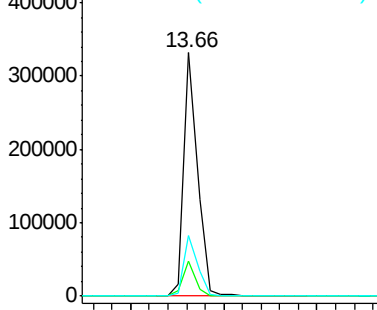
236 24.9 20.9 31.3



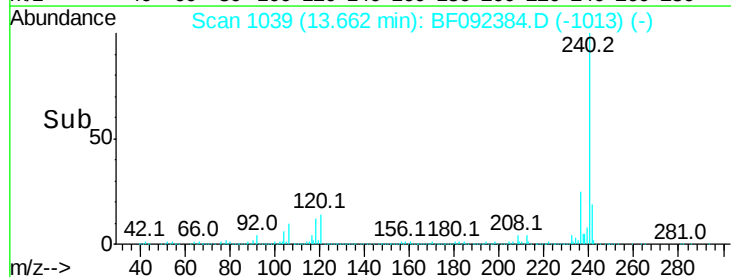
Abundance Ion 240.00 (239.70 to 240.70): E

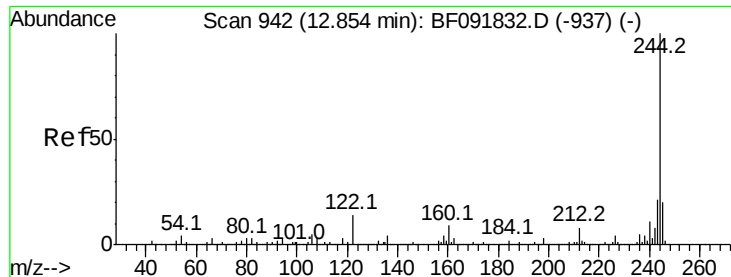
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 2.92 ng

RT: 12.62 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF092384.D

Acq: 20 Jan 2017 20:39

Instrument :

BNA_F

ClientSampled :

B-4

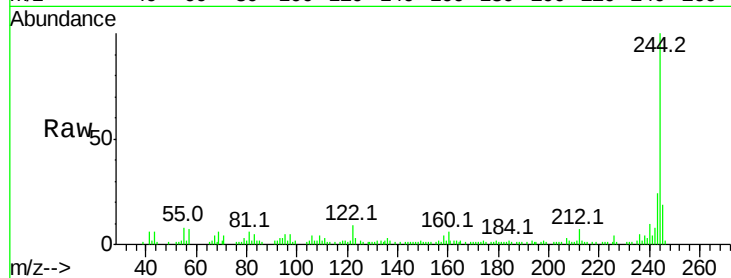
Tot Ion:244 Resp: 40808

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

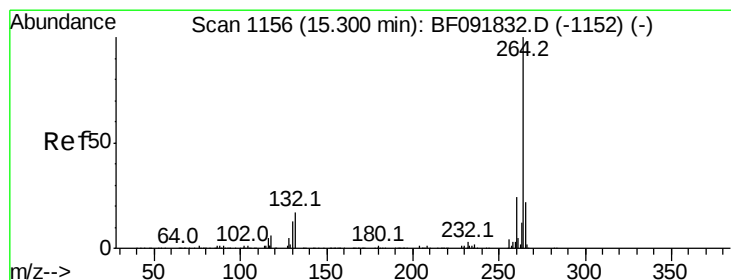
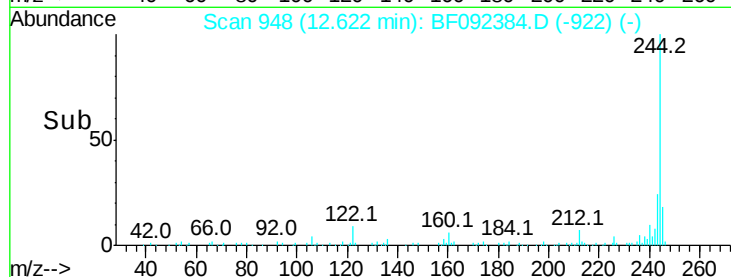
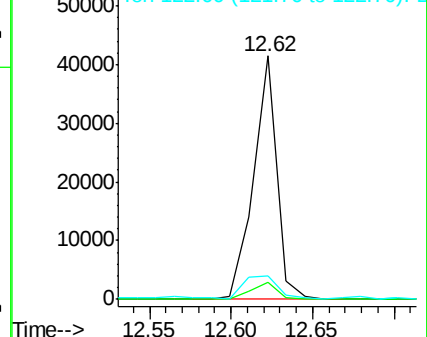
122 9.5 11.4 17.2#



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: 15.01 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF092384.D

Acq: 20 Jan 2017 20:39

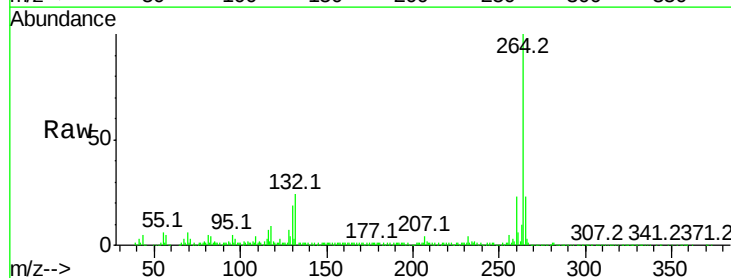
Tgt Ion:264 Resp: 247265

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.5 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

