

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092385.D
 Acq On : 20 Jan 2017 21:08
 Operator : UM/SJ
 Sample : I1265-08 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5

Quant Time: Jan 23 12:03:10 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	177140	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	698472	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	306693	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	436485	20.00	ng	0.00
75) Chrysene-d12	13.66	240	345002	20.00	ng	0.00
86) Perylene-d12	15.01	264	242863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	42585	4.01	ng	0.03
7) Phenol-d6	6.21	99	73874	5.70	ng	0.02
23) Nitrobenzene-d5	7.10	82	32652	2.60	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	8623	3.40	ng	0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.62	244	52345	3.68	ng	0.00

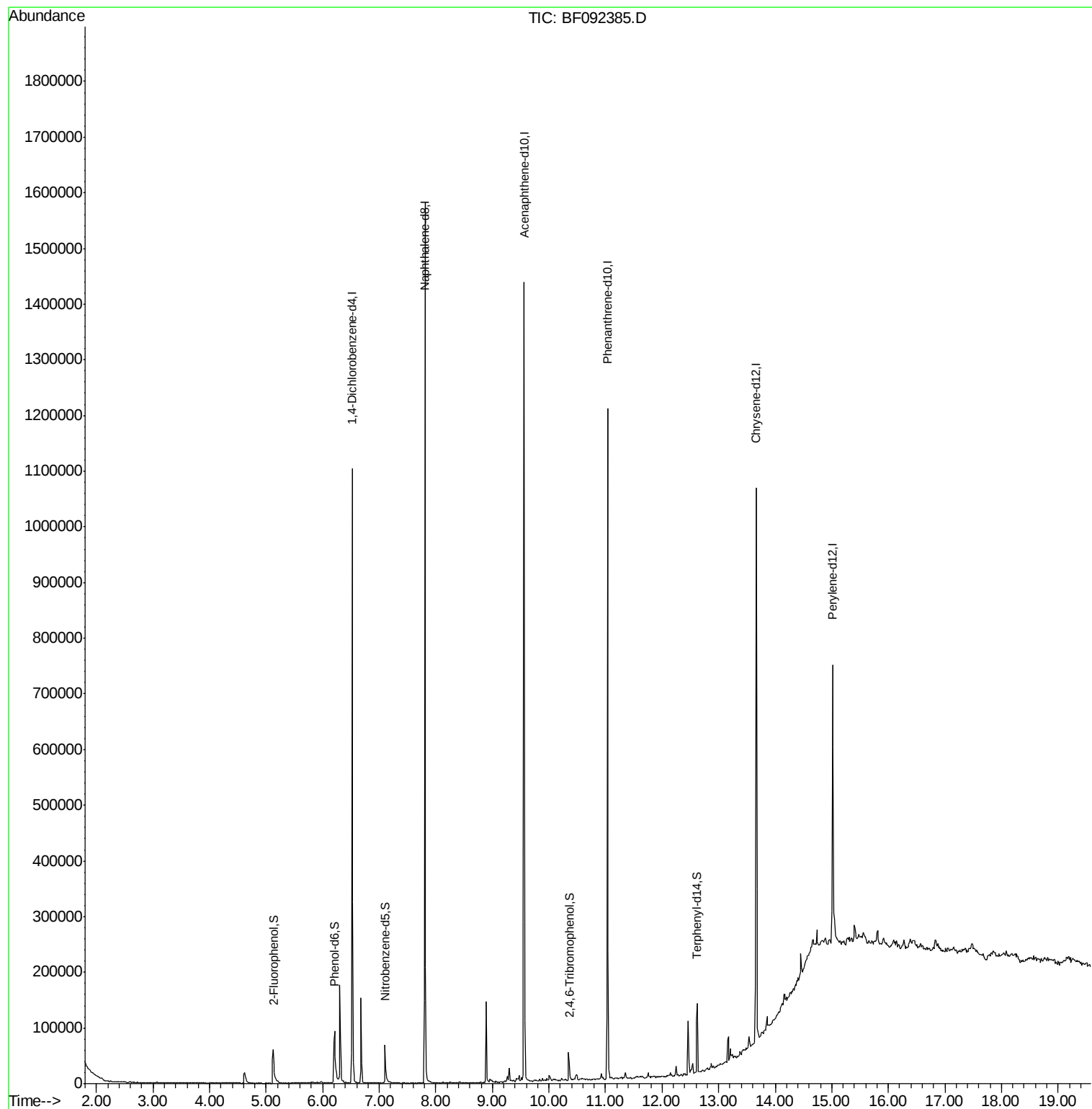
Target Compounds Qvalue

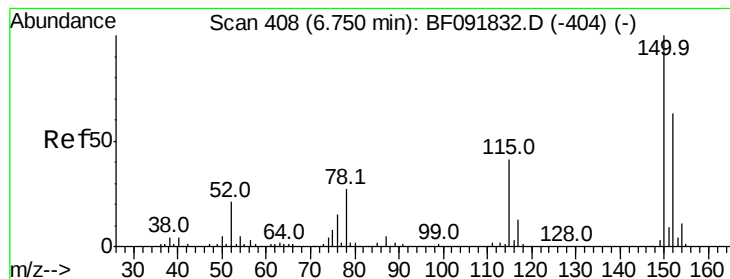
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092385.D

Acq: 20 Jan 2017 21:08

Instrument :

BNA_F

ClientSampleId :

B-5

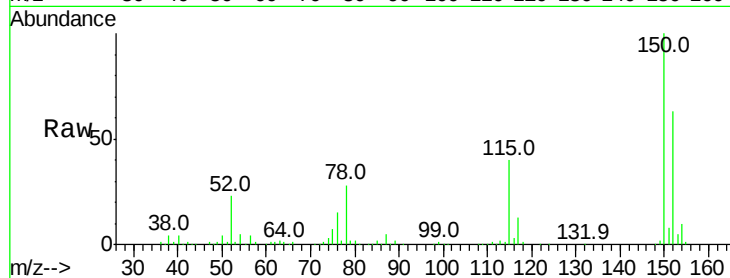
Tot Ion:152 Resp: 177140

Ion Ratio Lower Upper

152 100

150 159.4 124.9 187.3

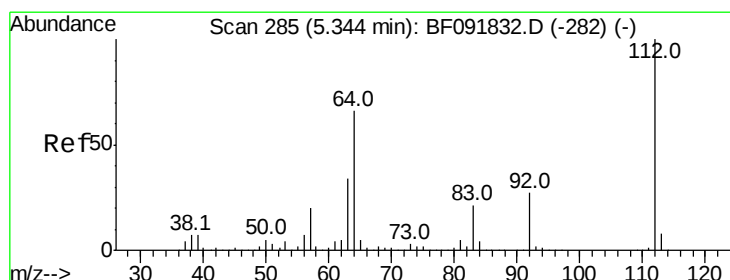
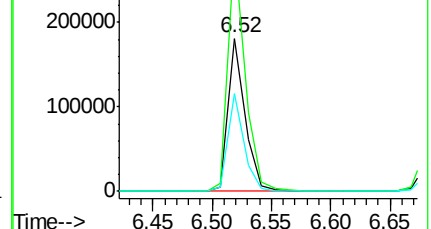
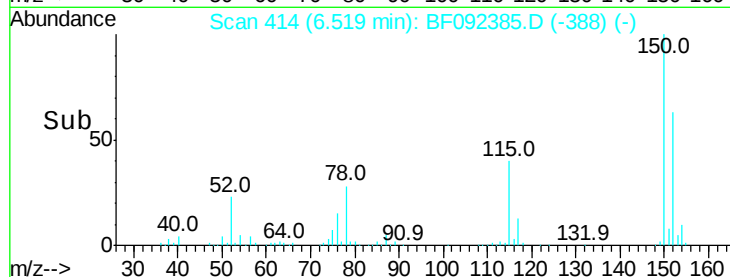
115 64.0 46.0 69.0



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: 4.01 ng

RT: 5.12 min Scan# 292

Delta R.T. 0.03 min

Lab File: BF092385.D

Acq: 20 Jan 2017 21:08

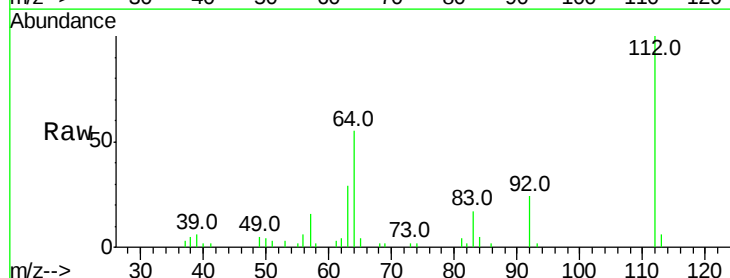
Tgt Ion:112 Resp: 42585

Ion Ratio Lower Upper

112 100

64 55.3 46.1 69.1

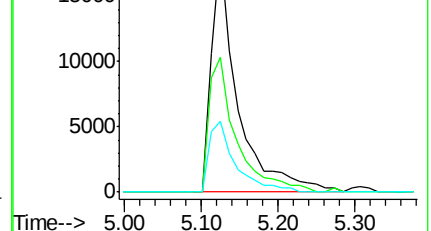
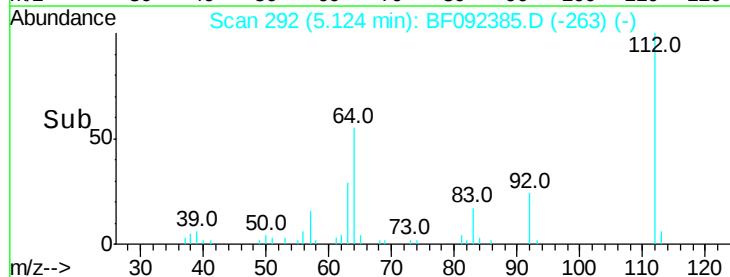
63 29.2 23.8 35.6



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: 5.70 ng

RT: 6.21 min Scan# 387

Delta R.T. 0.02 min

Lab File: BF092385.D

Acq: 20 Jan 2017 21:08

Instrument :

BNA_F

ClientSampleId :

B-5

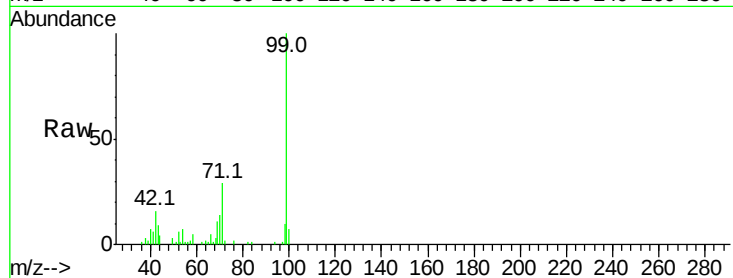
Tot Ion: 99 Resp: 73874

Ion Ratio Lower Upper

99 100

42 16.0 15.6 23.4

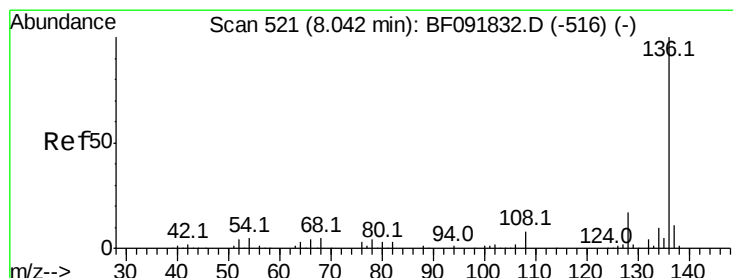
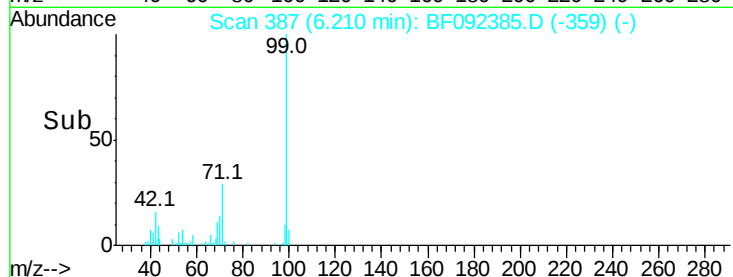
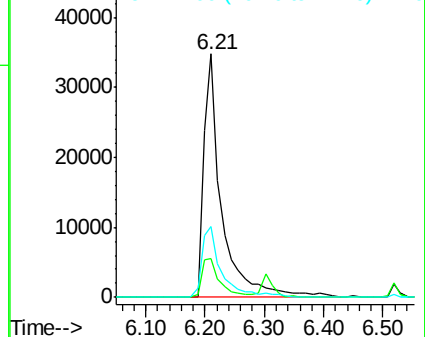
71 29.3 27.5 41.3



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: BF092385.D

Acq: 20 Jan 2017 21:08

Tgt Ion: 136 Resp: 698472

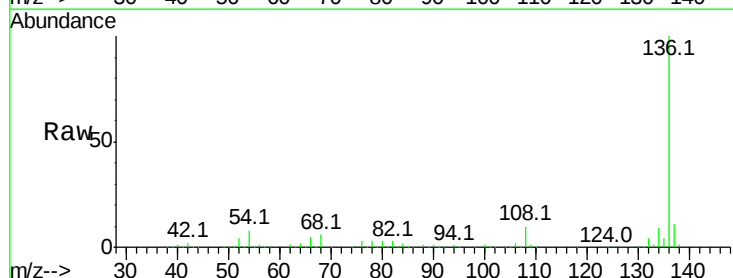
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 7.5 4.5 6.7#

68 6.2 3.6 5.4#

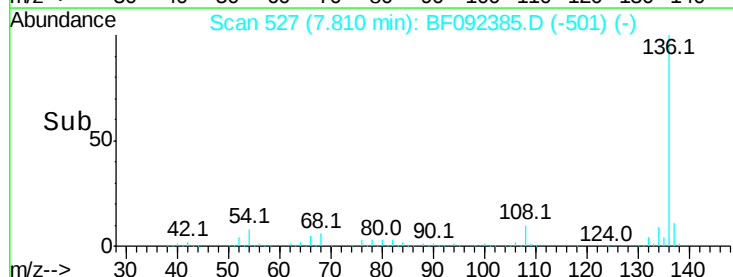
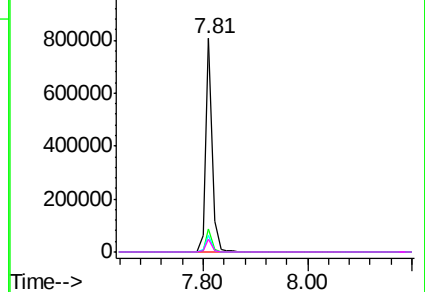


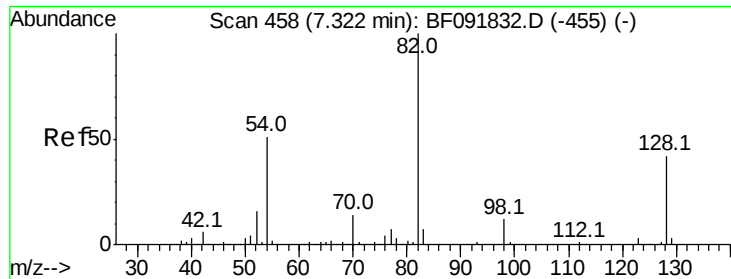
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.60 ng

RT: 7.10 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF092385.D

Acq: 20 Jan 2017 21:08

Instrument :

BNA_F

ClientSampleId :

B-5

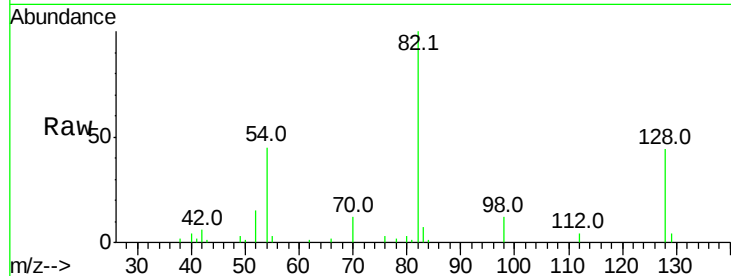
Tot Ion: 82 Resp: 32652

Ion Ratio Lower Upper

82 100

128 44.4 34.6 52.0

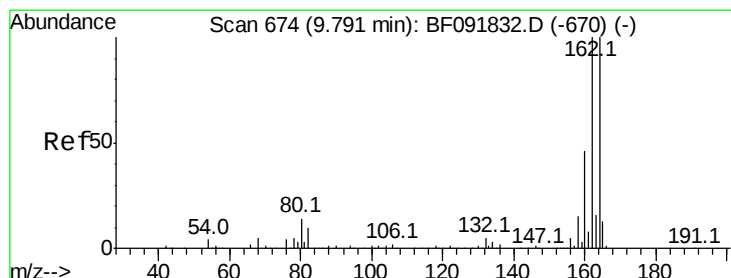
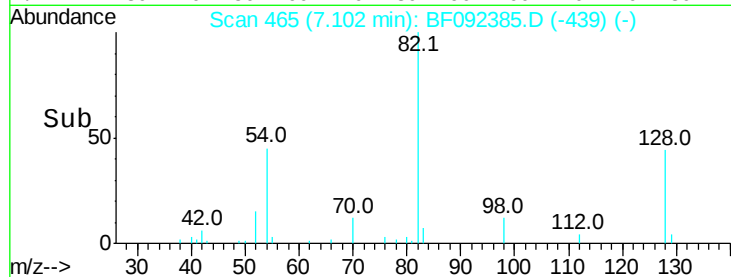
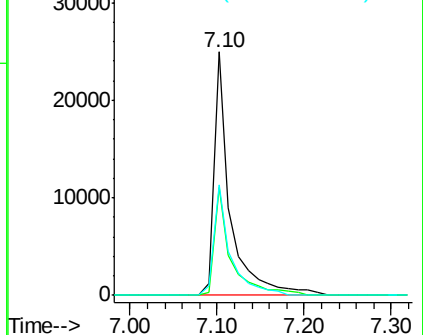
54 45.3 39.5 59.3



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: 9.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF092385.D

Acq: 20 Jan 2017 21:08

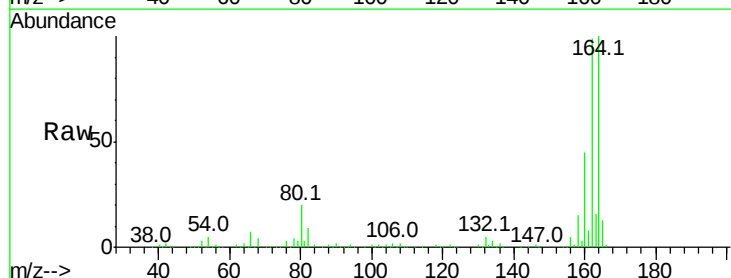
Tgt Ion: 164 Resp: 306693

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.2

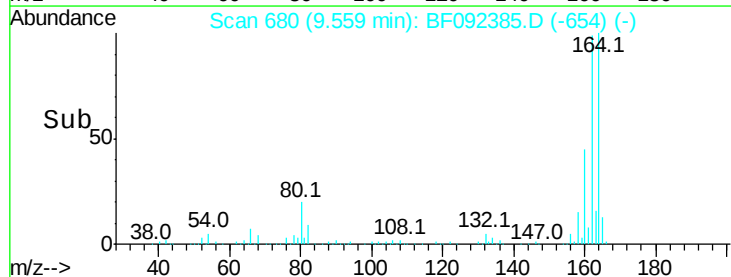
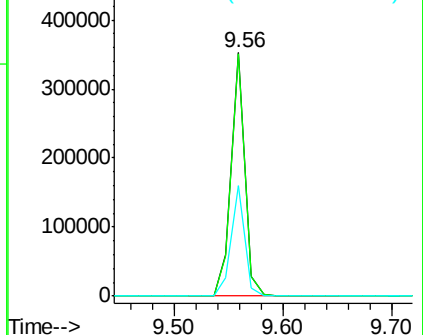
160 45.4 36.9 55.3



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

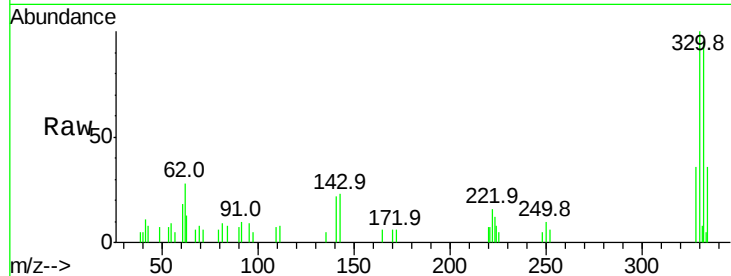




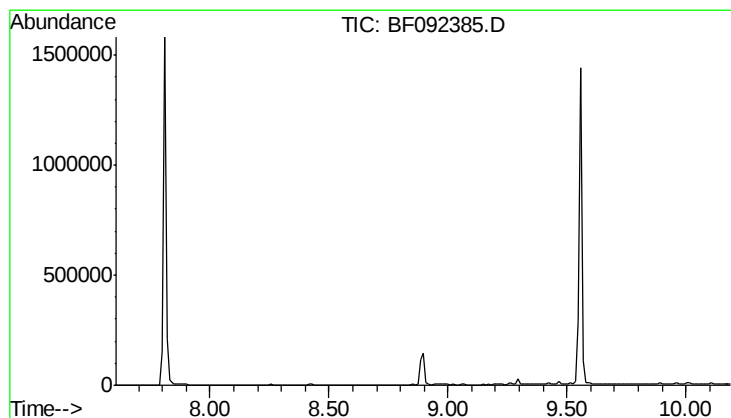
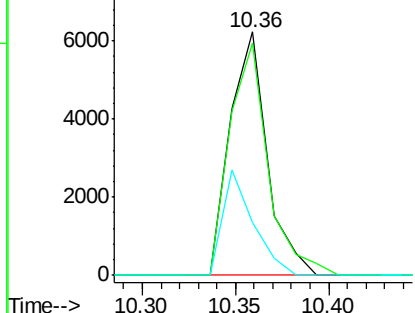
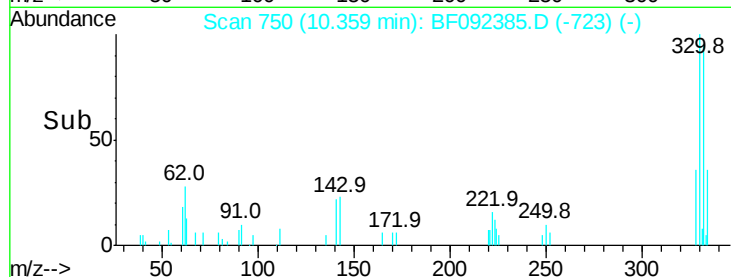
#41
 2,4,6-Tribromophenol
 Concen: 3.40 ng
 RT: 10.36 min Scan# 750
 Delta R.T. 0.01 min
 Lab File: BF092385.D
 Acq: 20 Jan 2017 21:08

Instrument :
 BNA_F
 ClientSampleId :
 B-5

Tot Ion: 330 Resp: 8623
 Ion Ratio Lower Upper
 330 100
 332 99.6 77.4 116.2
 141 35.9 34.1 51.1



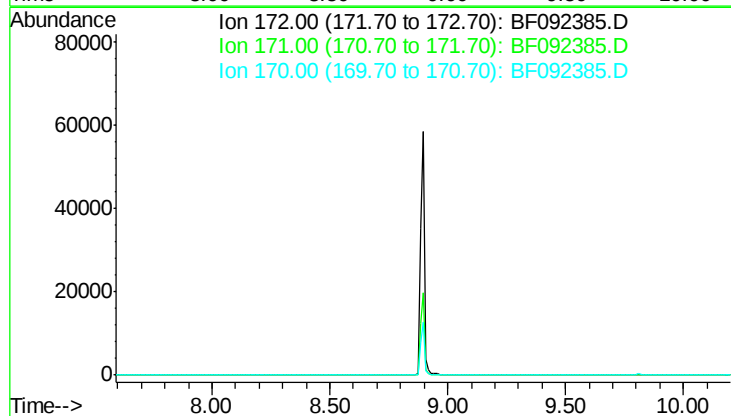
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

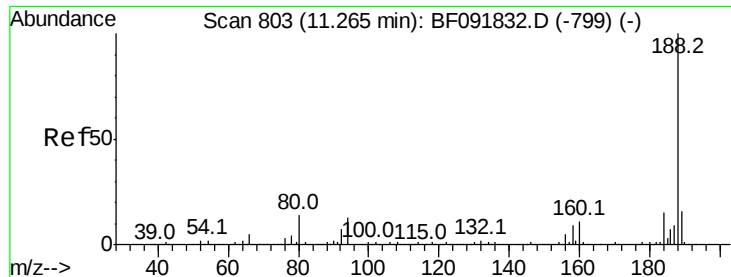


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 8.90 min

Lab File: BF092385.D
 Acq: 20 Jan 2017 21:08

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

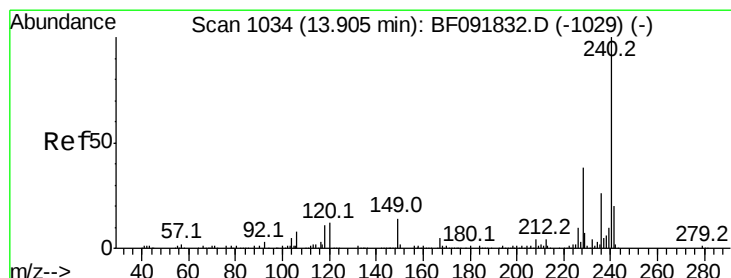
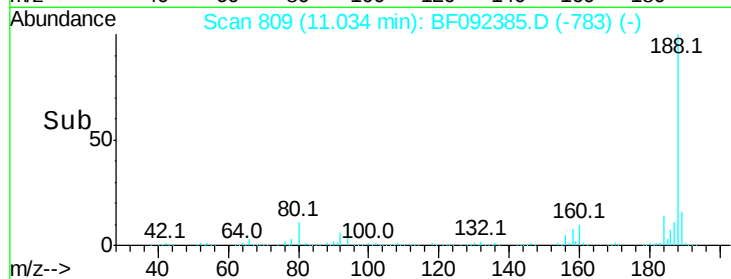
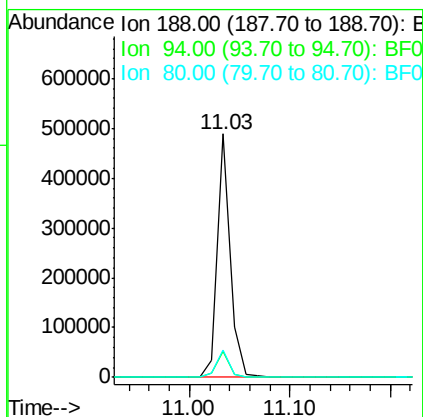
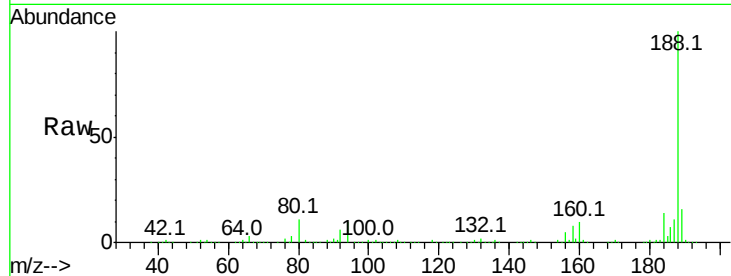




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF092385.D
Acq: 20 Jan 2017 21:08

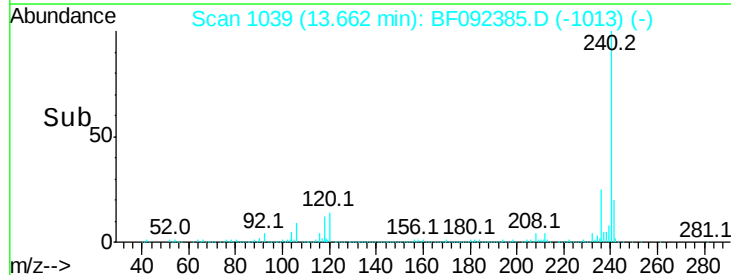
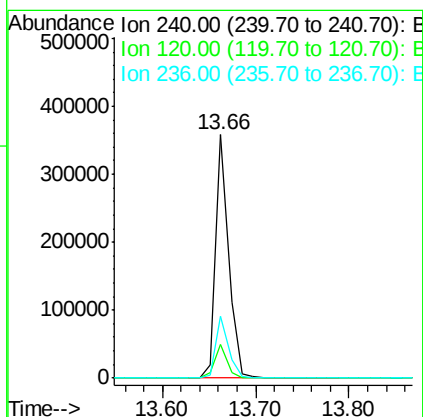
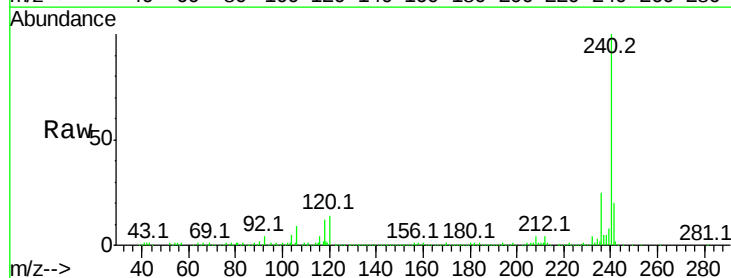
Instrument :
BNA_F
ClientSampleId :
B-5

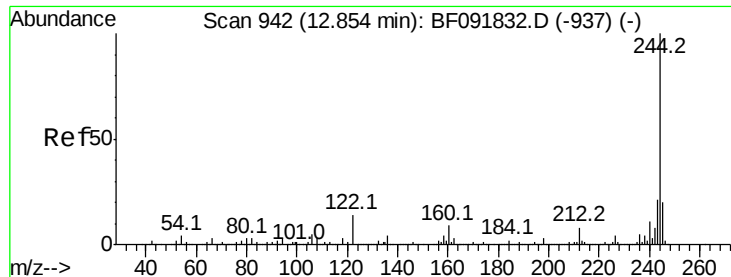
Tot Ion:188 Resp: 436485
Ion Ratio Lower Upper
188 100
94 10.4 10.0 15.0
80 11.2 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF092385.D
Acq: 20 Jan 2017 21:08

Tgt Ion:240 Resp: 345002
Ion Ratio Lower Upper
240 100
120 13.9 12.9 19.3
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 3.68 ng

RT: 12.62 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF092385.D

Acq: 20 Jan 2017 21:08

Instrument :

BNA_F

ClientSampleId :

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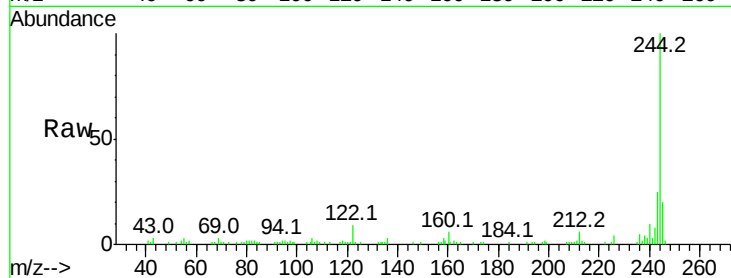
Tot Ion:244 Resp: 52345

Ion Ratio Lower Upper

244 100

212 6.4 6.2 9.2

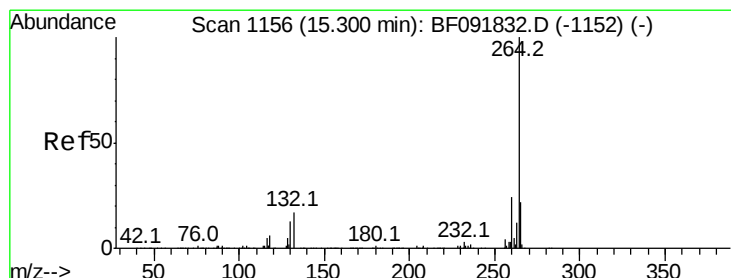
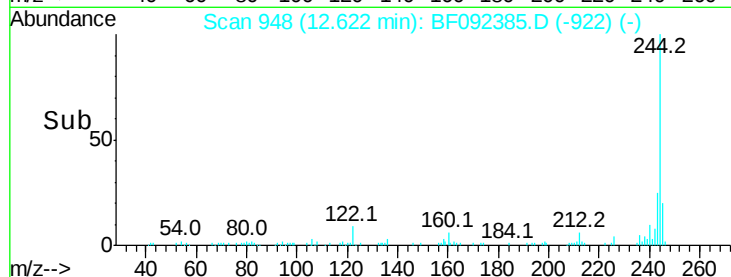
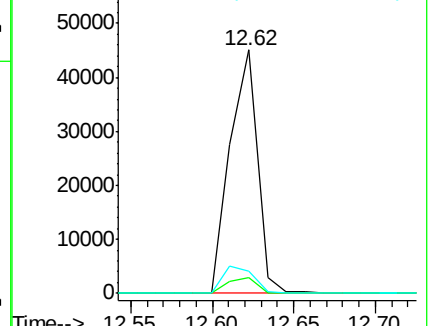
122 9.0 11.4 17.2#



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: BF092385.D

Acq: 20 Jan 2017 21:08

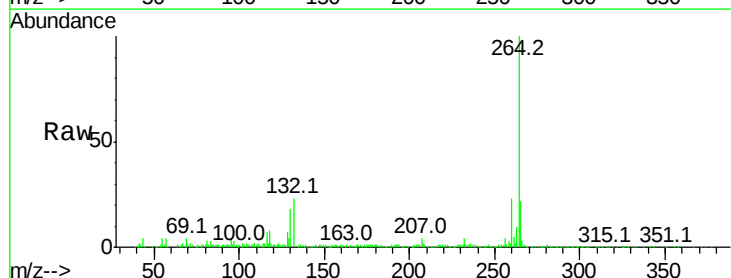
Tgt Ion:264 Resp: 242863

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.6 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

