

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092291.D
 Acq On : 16 Jan 2017 18:07
 Operator : UM/SJ
 Sample : I1196-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-47

Quant Time: Jan 17 01:18:48 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	217662	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	825563	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	436459	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	724854	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	662187	20.00	ng	-0.01
86) Perylene-d12	15.05	264	512833	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	937602	71.93	ng	0.00
7) Phenol-d6	6.22	99	768782	48.30	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1419050	95.58	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	570804	158.03	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	2182770	105.59	ng	0.00
78) Terphenyl-d14	12.66	244	2296245	84.10	ng	0.00

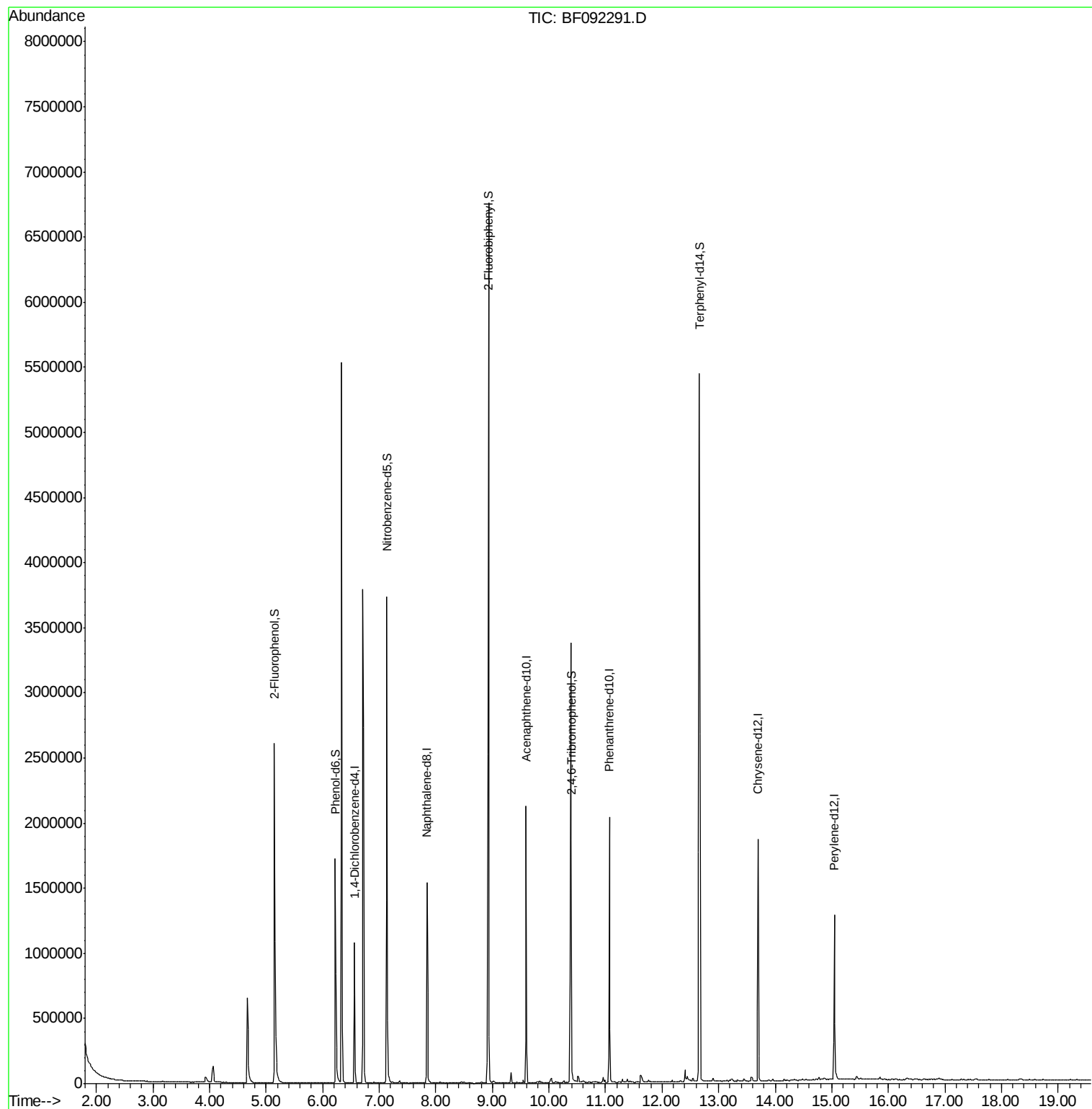
Target Compounds Qvalue

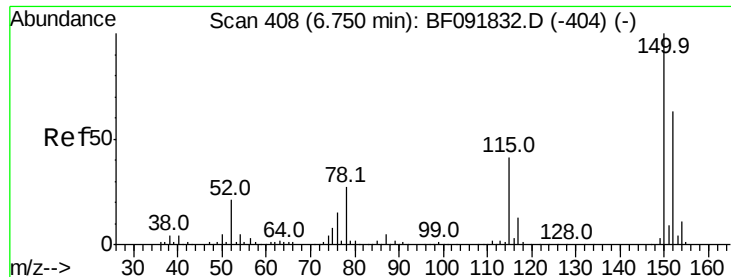
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092291.D

Acq: 16 Jan 2017 18:07

Instrument :

BNA_F

ClientSampleId :

W-47

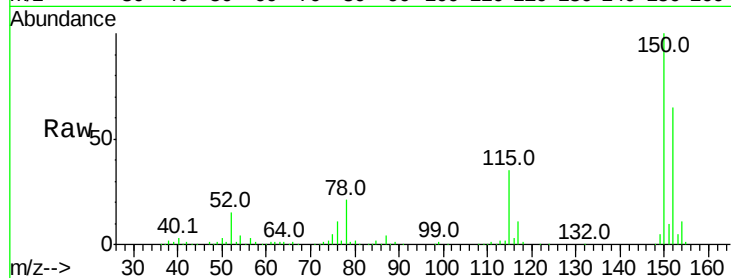
Tot Ion:152 Resp: 217662

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

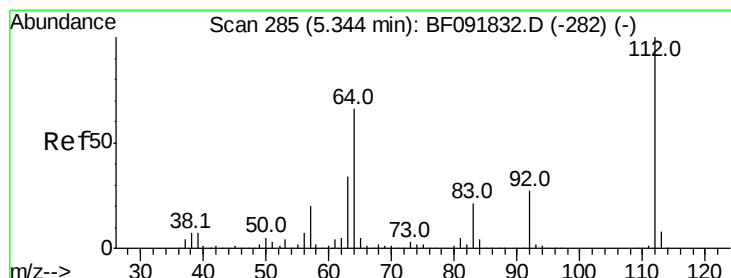
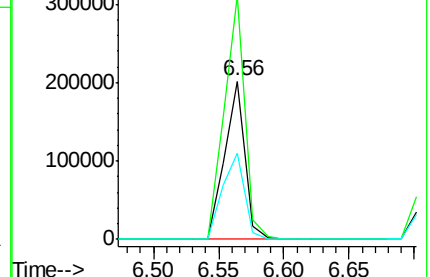
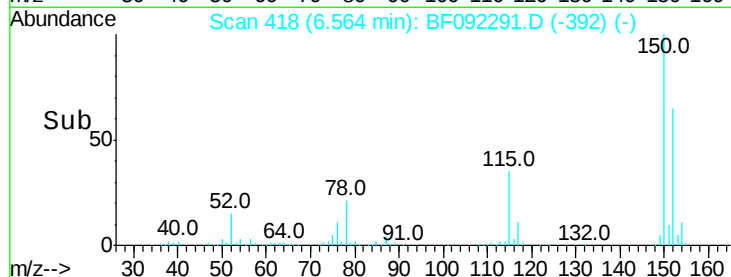
115 54.4 46.0 69.0



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: 71.93 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF092291.D

Acq: 16 Jan 2017 18:07

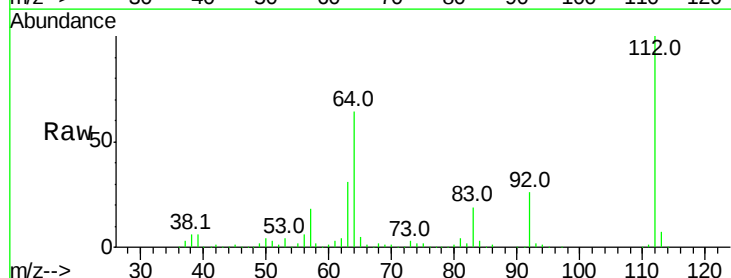
Tgt Ion:112 Resp: 937602

Ion Ratio Lower Upper

112 100

64 63.8 46.1 69.1

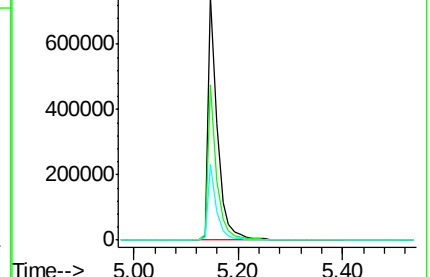
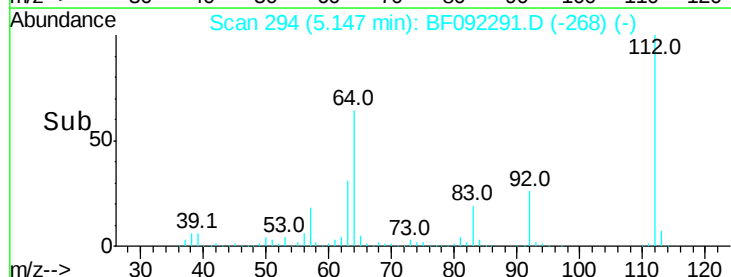
63 31.1 23.8 35.6



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: 48.30 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092291.D

Acq: 16 Jan 2017 18:07

Instrument :

BNA_F

ClientSampleId :

W-47

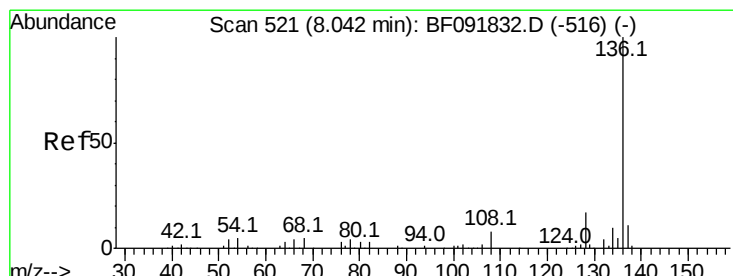
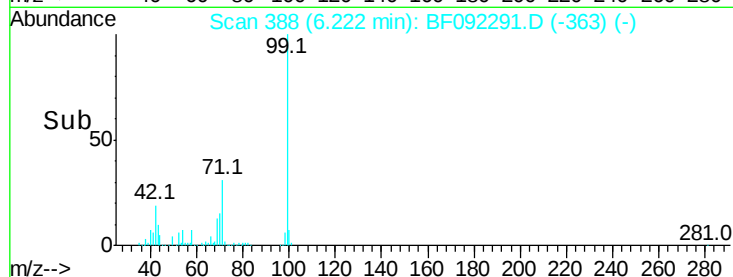
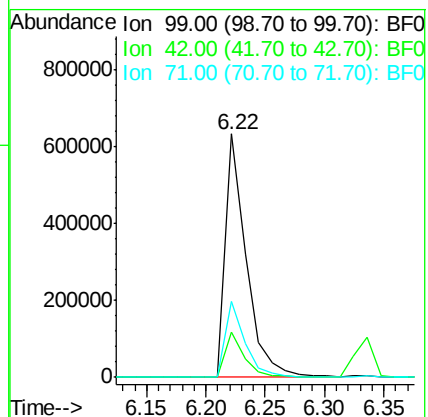
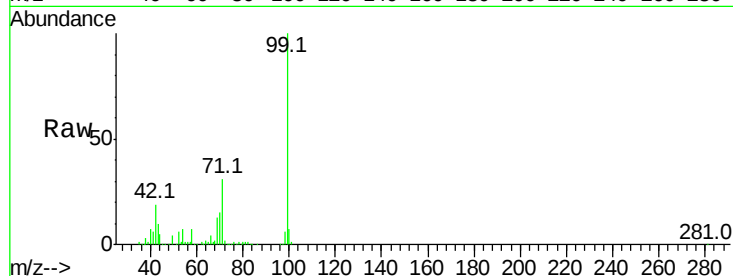
Tot Ion: 99 Resp: 768782

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

71 31.3 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: BF092291.D

Acq: 16 Jan 2017 18:07

Tgt Ion: 136 Resp: 825563

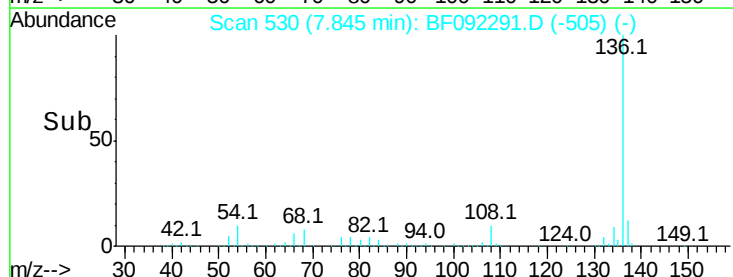
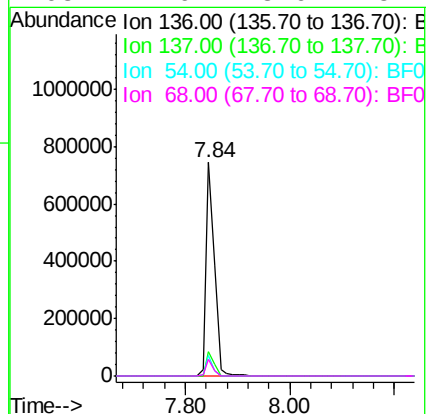
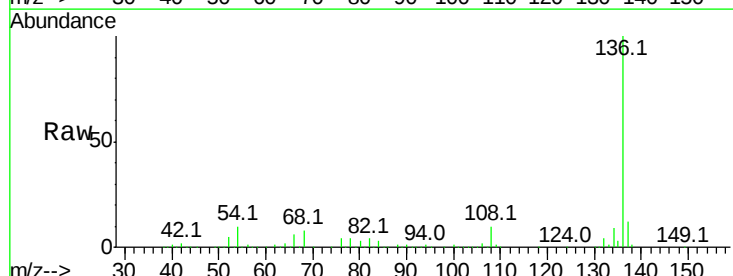
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 9.8 4.5 6.7#

68 7.6 3.6 5.4#



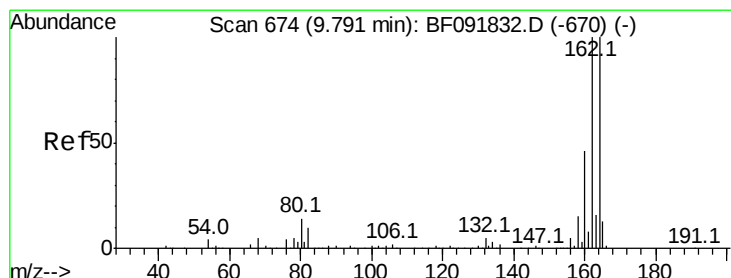
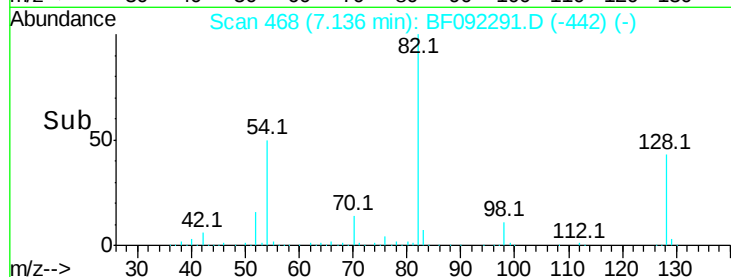
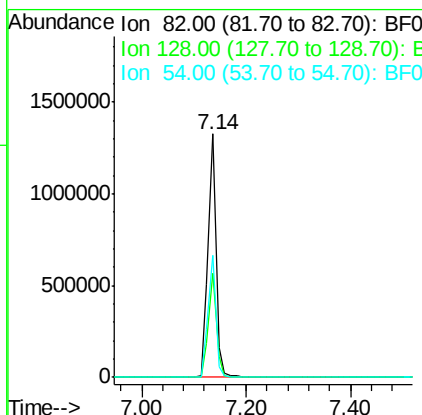
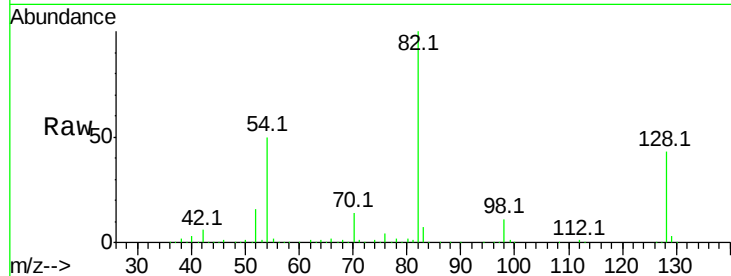


#23
 Nitrobenzene-d5
 Concen: 95.58 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF092291.D
 Acq: 16 Jan 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 W-47

Tot Ion: 82 Resp: 1419050

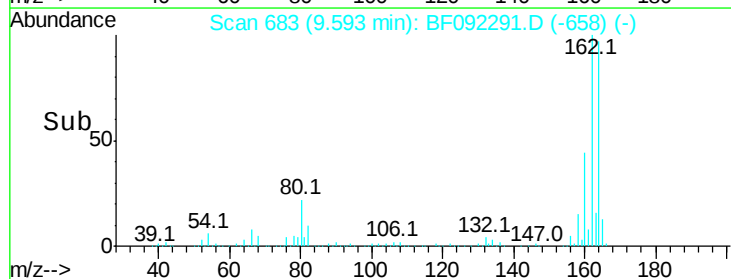
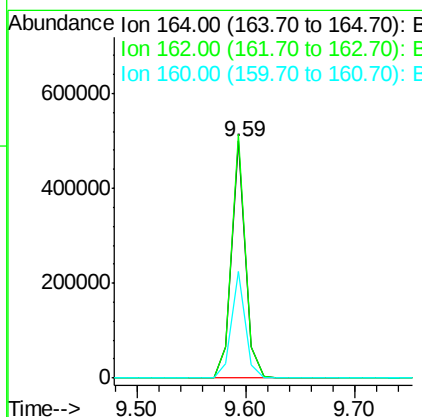
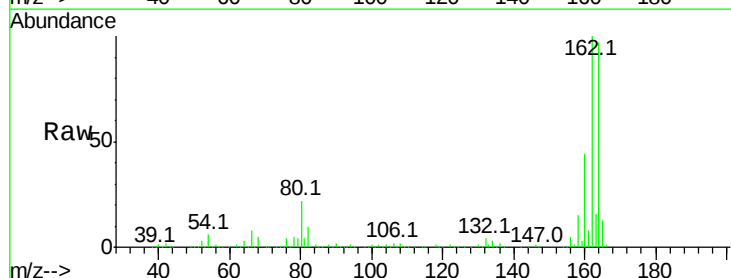
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	52.0
54	49.9	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF092291.D
 Acq: 16 Jan 2017 18:07

Tgt Ion:164 Resp: 436459

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.2	120.2
160	44.9	36.9	55.3

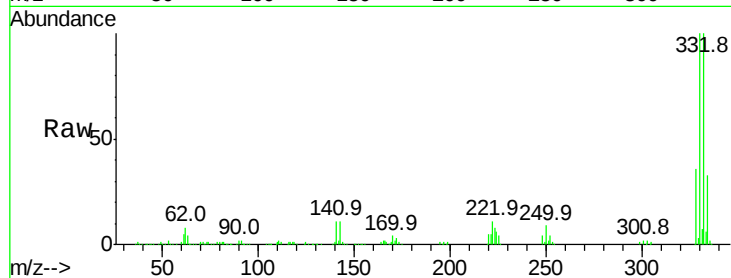




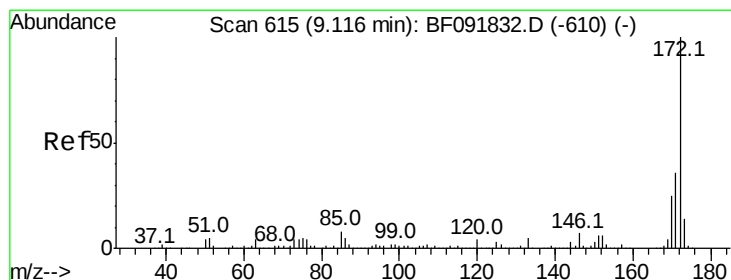
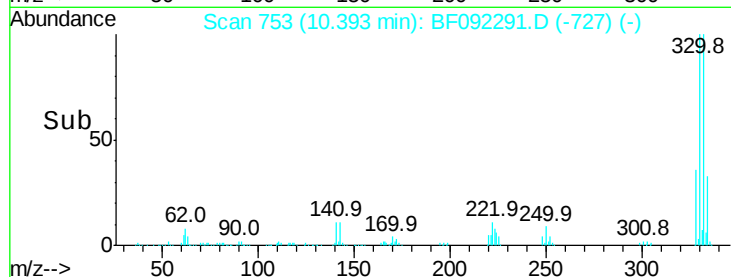
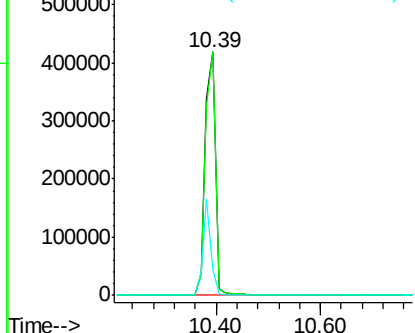
#41
 2,4,6-Tribromophenol
 Concen: 158.03 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092291.D
 Acq: 16 Jan 2017 18:07

Instrument :
 BNA_F
 ClientSampled :
 W-47

Tot Ion:330 Resp: 570804
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 31.7 34.1 51.1#

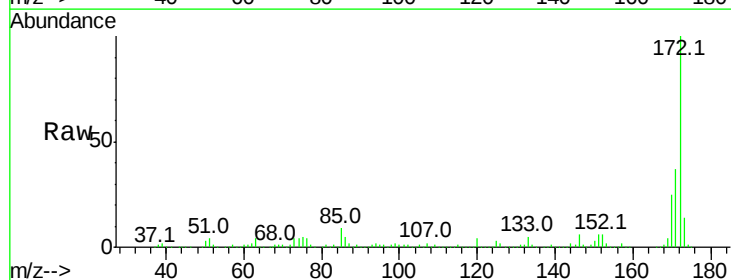


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

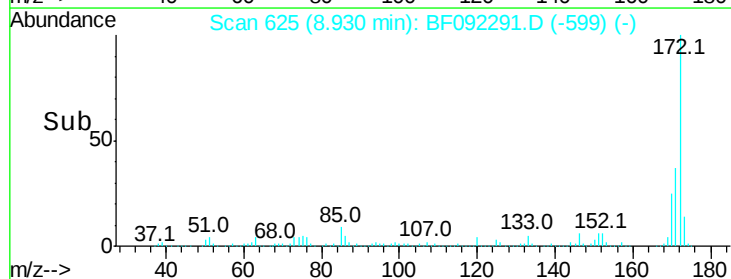
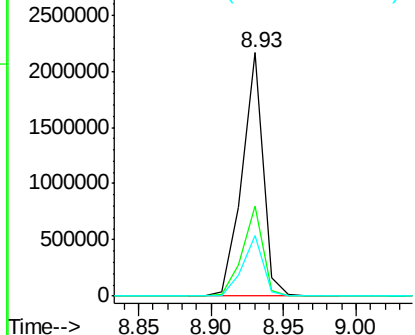


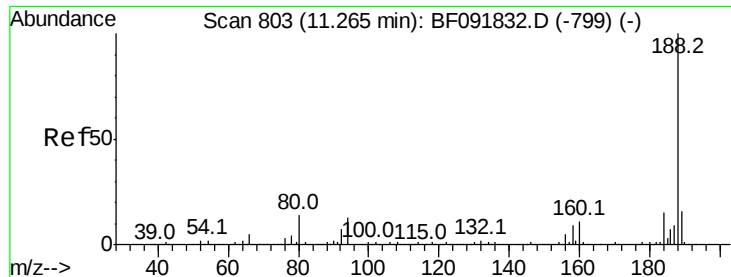
#44
 2-Fluorobiphenyl
 Concen: 105.59 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092291.D
 Acq: 16 Jan 2017 18:07

Tgt Ion:172 Resp: 2182770
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.9 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

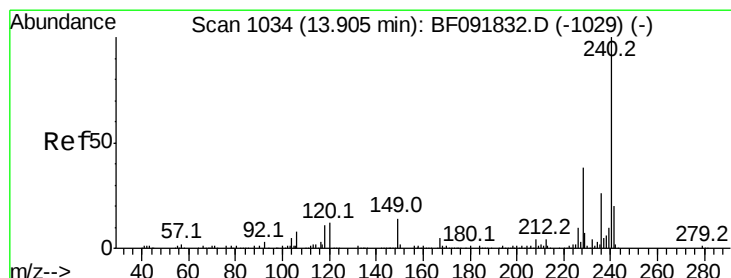
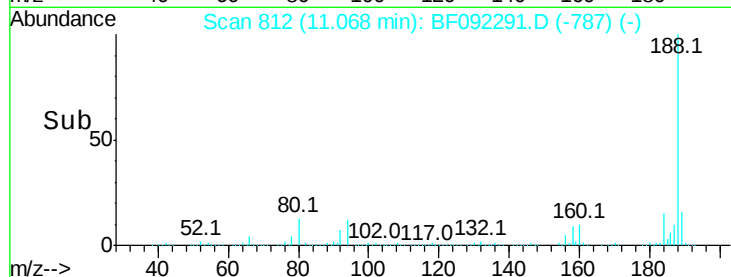
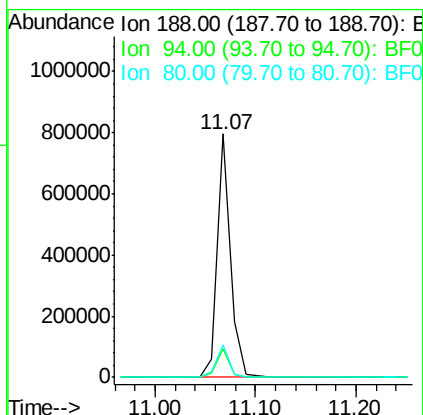
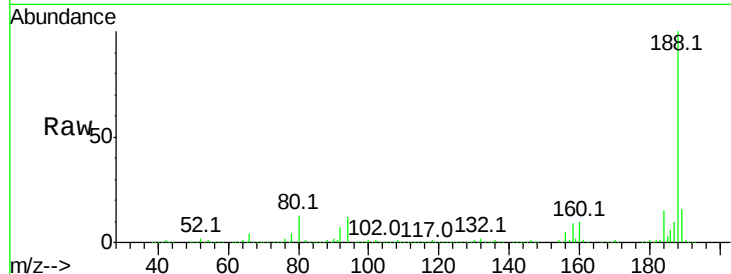




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092291.D
Acq: 16 Jan 2017 18:07

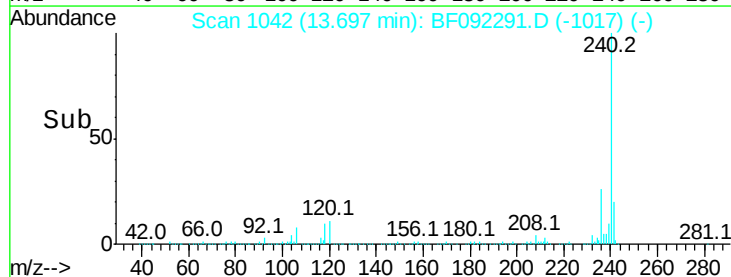
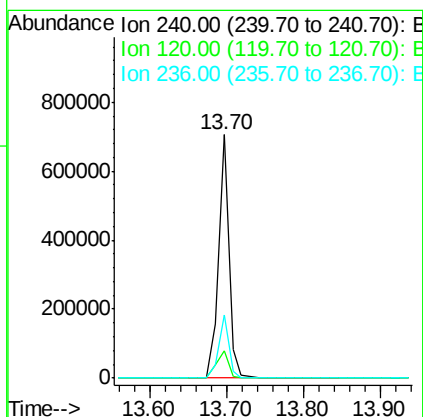
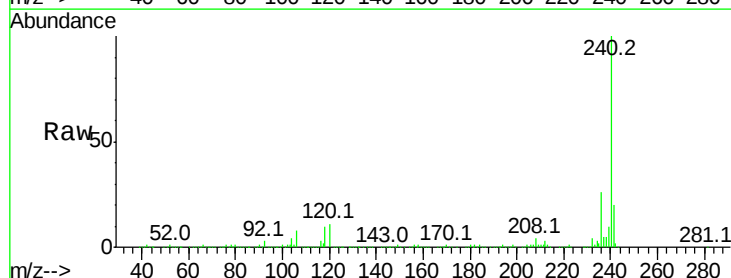
Instrument :
BNA_F
ClientSampled :
W-47

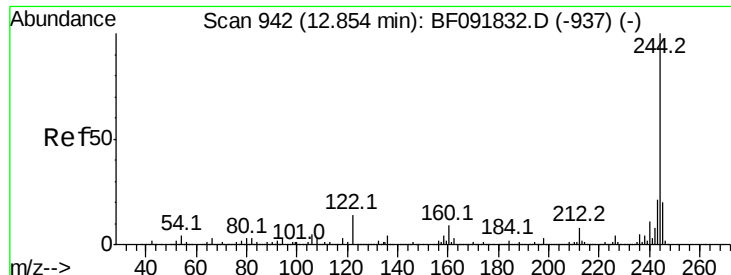
Tot Ion:188 Resp: 724854
Ion Ratio Lower Upper
188 100
94 11.8 10.0 15.0
80 13.1 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092291.D
Acq: 16 Jan 2017 18:07

Tgt Ion:240 Resp: 662187
Ion Ratio Lower Upper
240 100
120 11.2 12.9 19.3#
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 84.10 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF092291.D

Acq: 16 Jan 2017 18:07

Instrument :

BNA_F

ClientSampled :

W-47

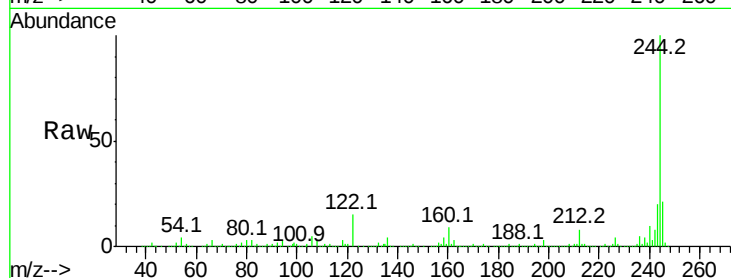
Tot Ion:244 Resp: 2296245

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

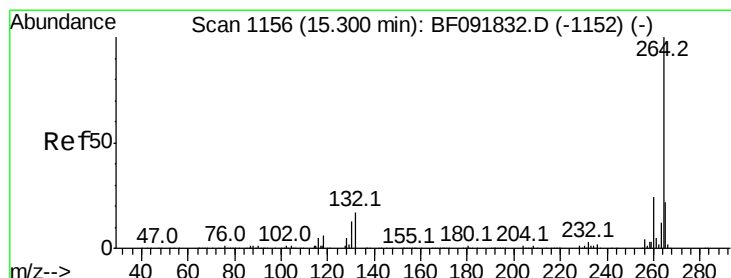
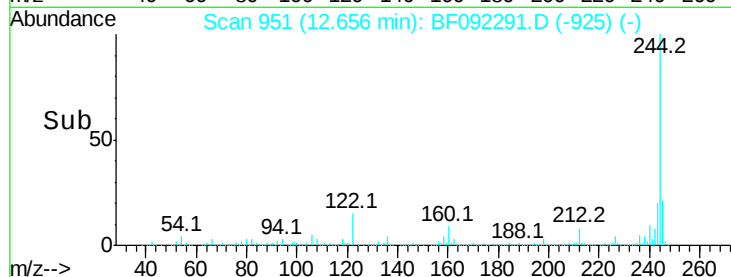
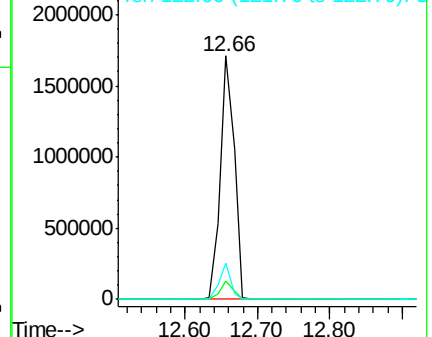
122 14.7 11.4 17.2



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: 15.05 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF092291.D

Acq: 16 Jan 2017 18:07

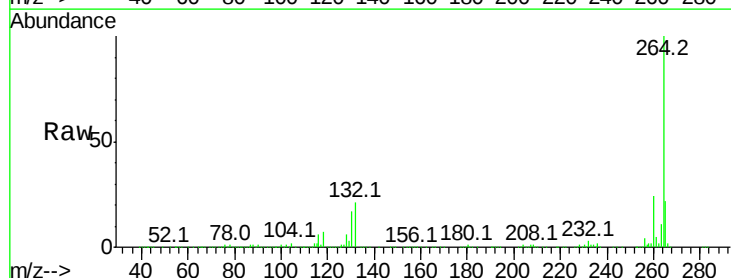
Tgt Ion:264 Resp: 512833

Ion Ratio Lower Upper

264 100

260 23.6 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

