

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092560.D
 Acq On : 27 Jan 2017 7:27
 Operator : SJ/MA
 Sample : I1364-04
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-40

Quant Time: Jan 27 10:02:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	174398	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	680466	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	400054	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	623239	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	488114	20.00	ng	-0.01
86) Perylene-d12	15.64	264	344784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	777589	69.37	ng	0.02
7) Phenol-d6	6.59	99	572415	40.09	ng	0.00
23) Nitrobenzene-d5	7.54	82	1188177	95.38	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	404525	148.38	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1962020	90.69	ng	-0.01
78) Terphenyl-d14	13.11	244	1763867	96.23	ng	-0.01

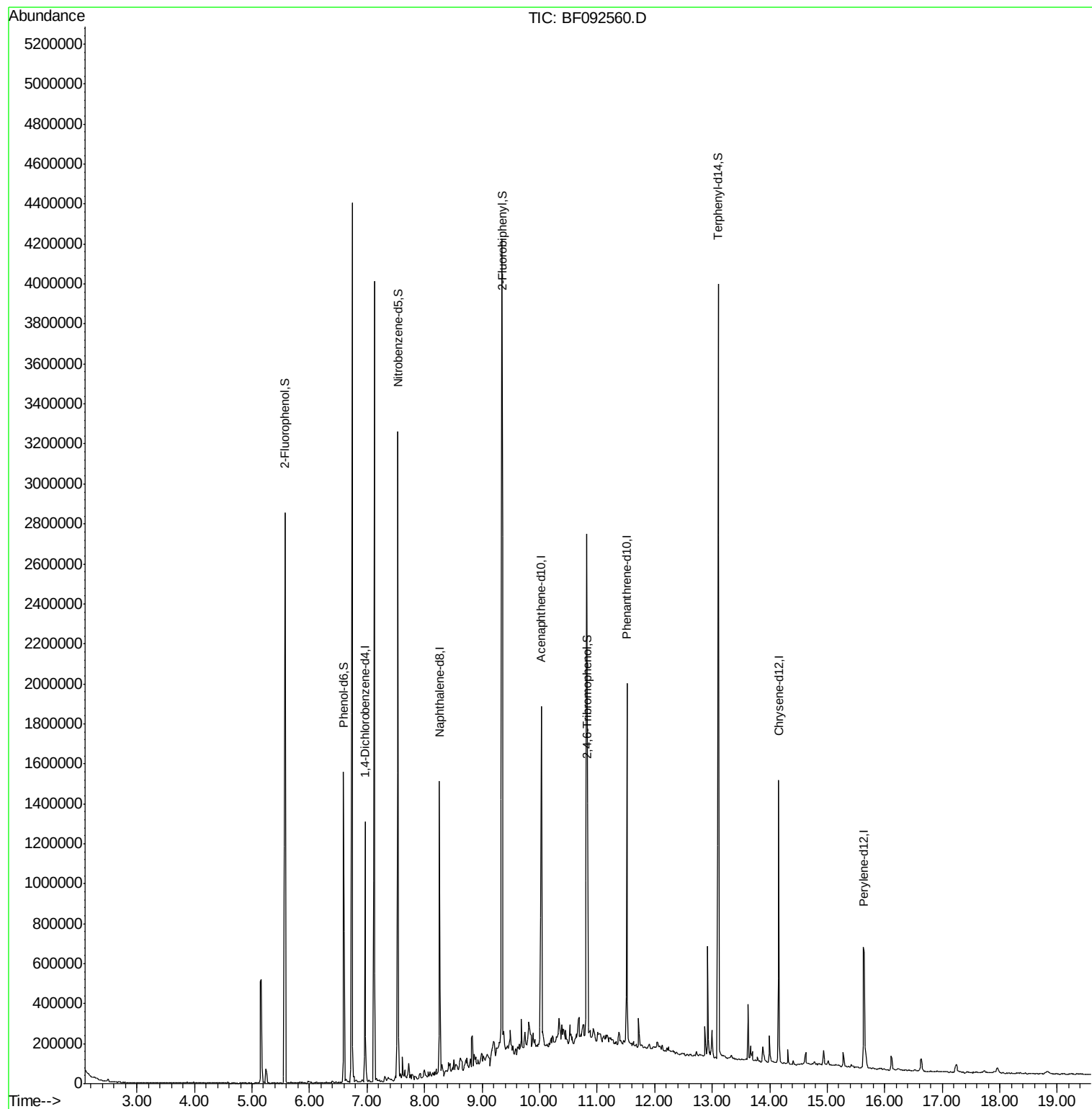
Target Compounds Qvalue

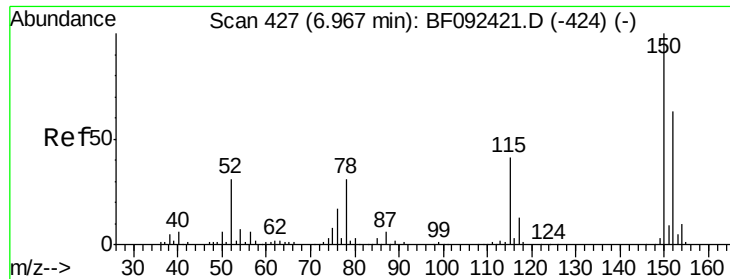
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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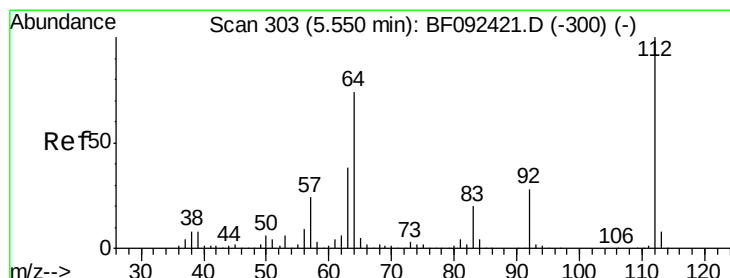
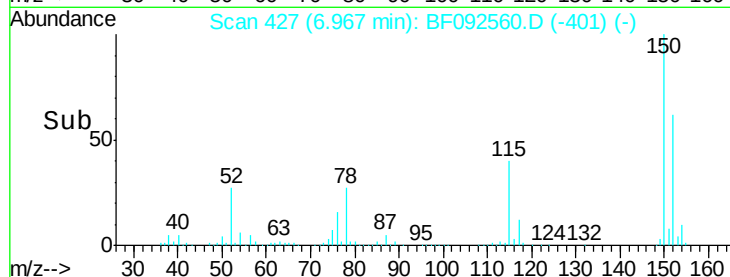
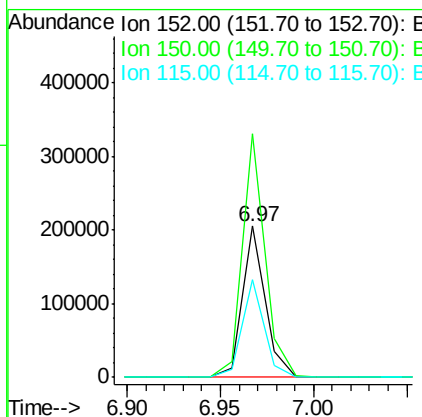
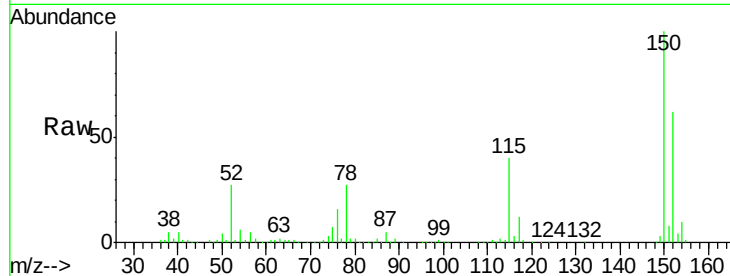


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092560.D
Acq: 27 Jan 2017 7:27

Instrument :
BNA_F
ClientSampleId :
W-40

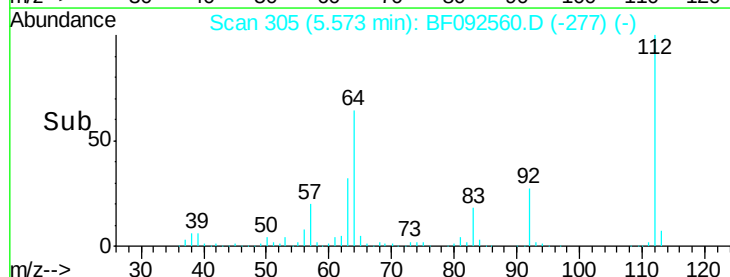
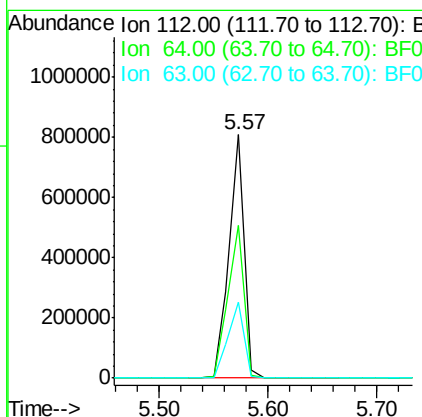
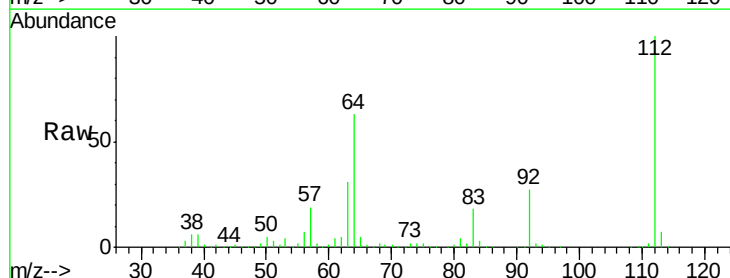
Tot Ion:152 Resp: 174398
Ion Ratio Lower Upper
152 100
150 161.0 124.9 187.3
115 64.4 46.0 69.0

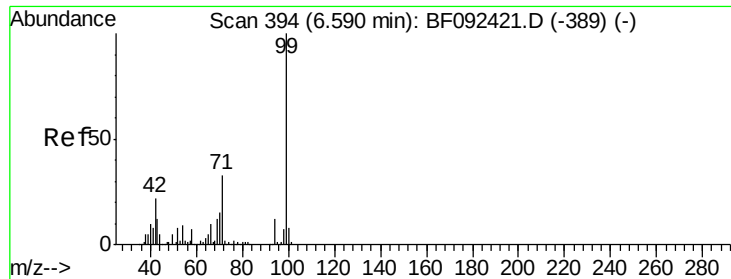


#5

2-Fluorophenol
Concen: 69.37 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF092560.D
Acq: 27 Jan 2017 7:27

Tgt Ion:112 Resp: 777589
Ion Ratio Lower Upper
112 100
64 62.9 46.1 69.1
63 31.1 23.8 35.6





#7

Phenol-d6

Concen: 40.09 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092560.D

Acq: 27 Jan 2017 7:27

Instrument :

BNA_F

ClientSampleId :

W-40

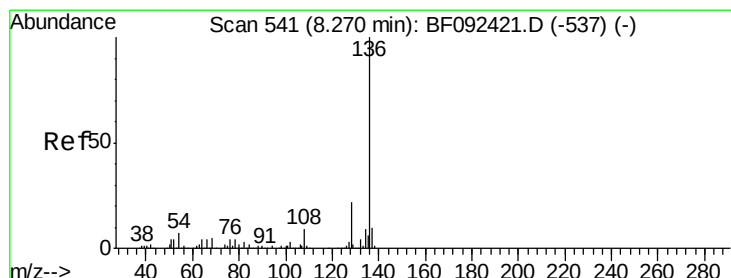
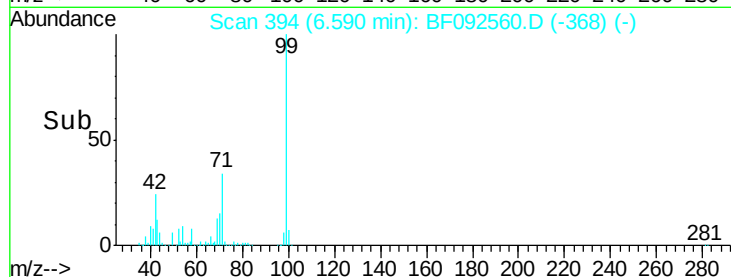
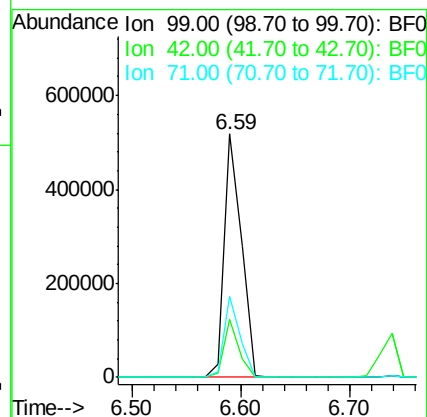
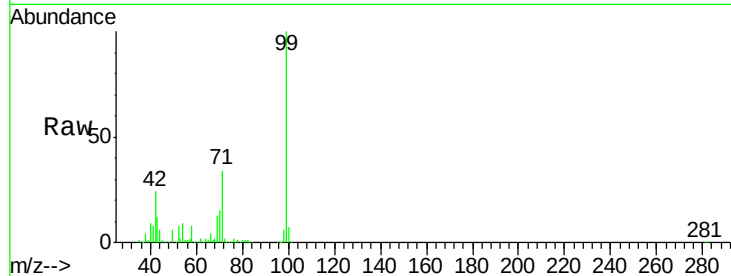
Tot Ion: 99 Resp: 572415

Ion Ratio Lower Upper

99 100

42 23.6 15.6 23.4#

71 33.5 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092560.D

Acq: 27 Jan 2017 7:27

Tgt Ion: 136 Resp: 680466

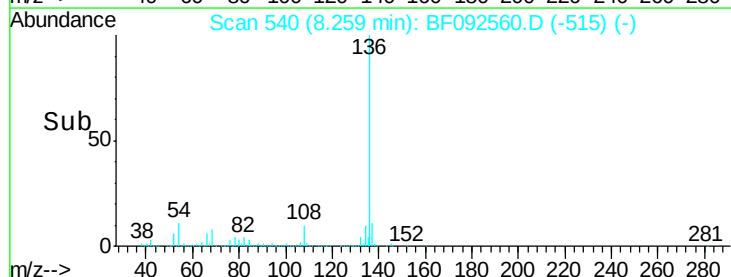
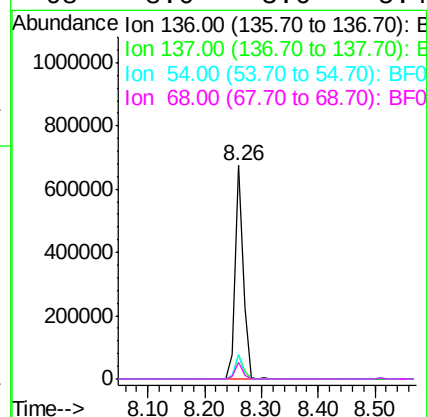
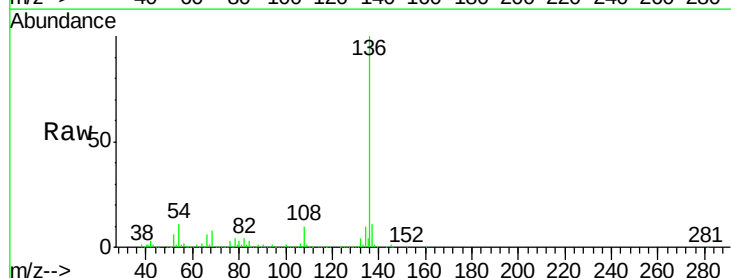
Ion Ratio Lower Upper

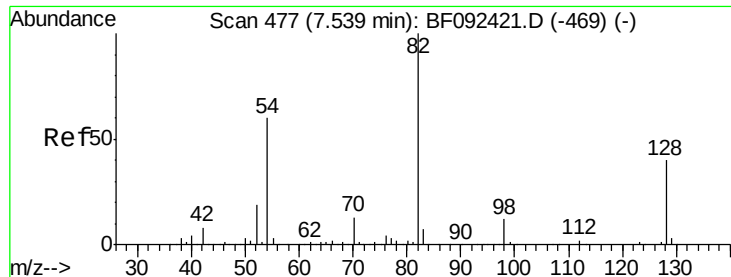
136 100

137 11.3 8.4 12.6

54 11.4 4.5 6.7#

68 8.0 3.6 5.4#



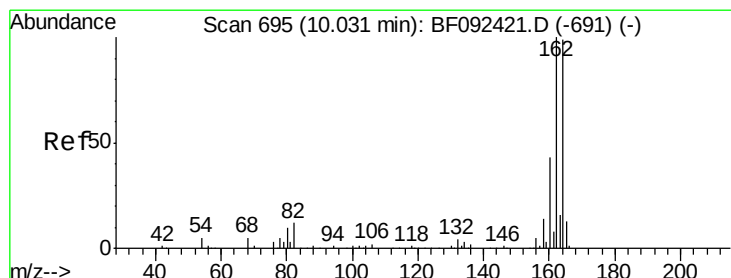
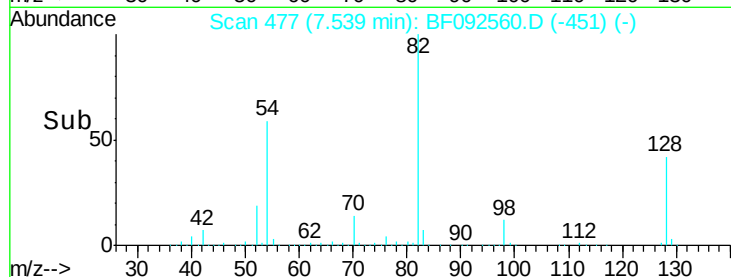
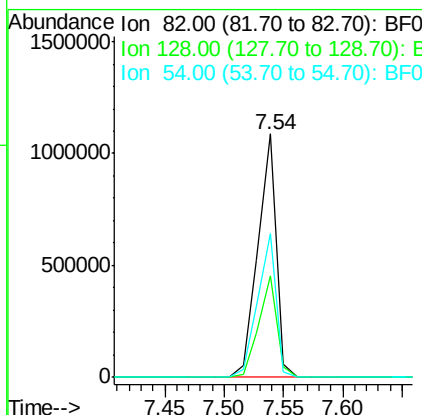
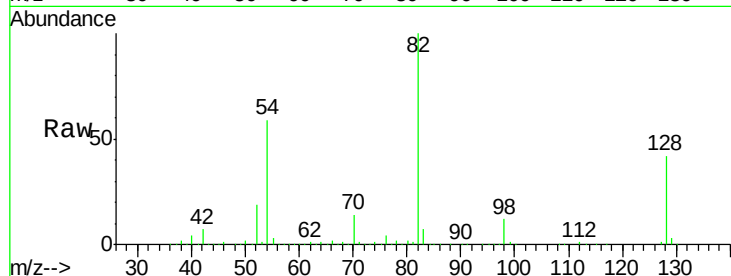


#23
 Nitrobenzene-d5
 Concen: 95.38 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092560.D
 Acq: 27 Jan 2017 7:27

Instrument :
 BNA_F
 ClientSampleId :
 W-40

Tot Ion: 82 Resp: 1188177

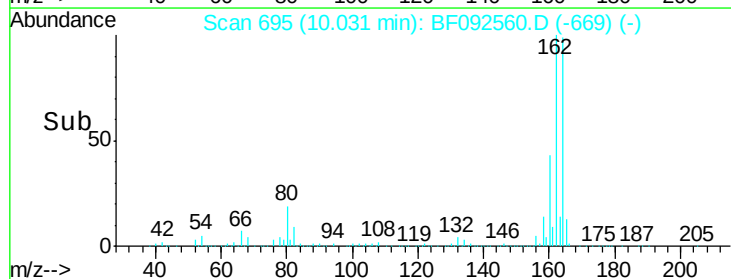
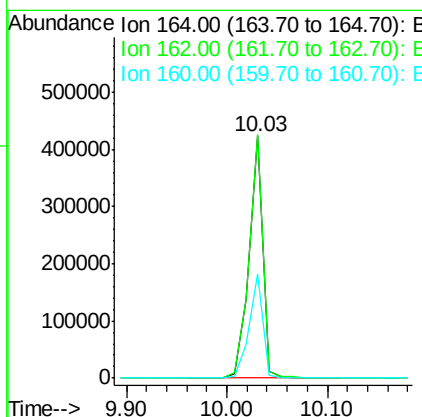
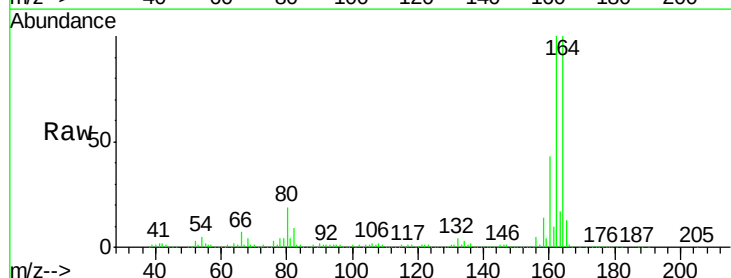
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	52.0
54	58.9	39.5	59.3

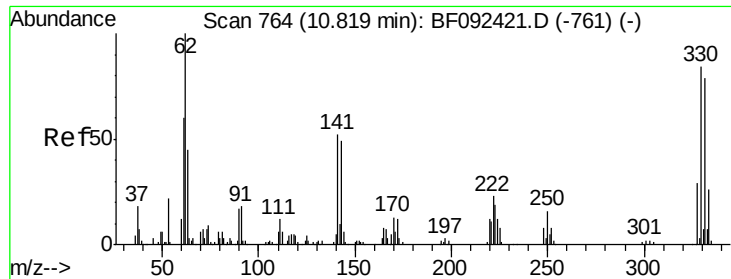


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF092560.D
 Acq: 27 Jan 2017 7:27

Tgt Ion: 164 Resp: 400054

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	43.1	36.9	55.3

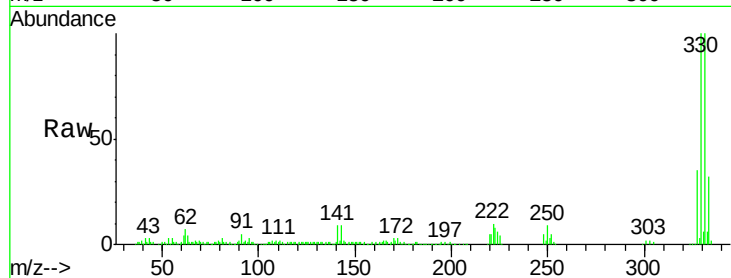




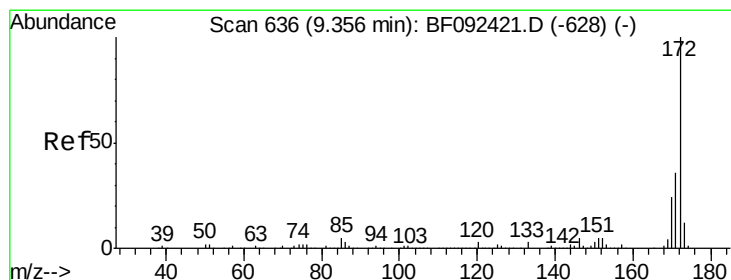
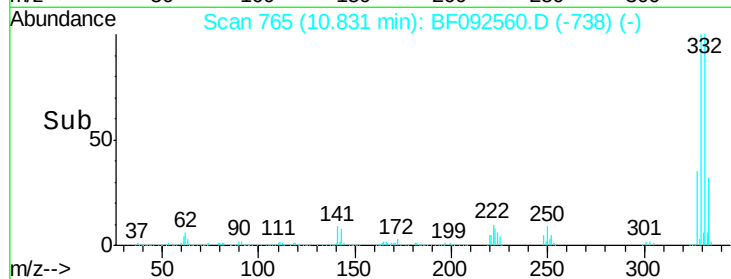
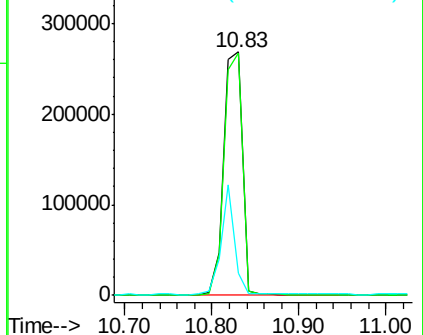
#41
 2,4,6-Tribromophenol
 Concen: 148.38 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092560.D
 Acq: 27 Jan 2017 7:27

Instrument :
 BNA_F
 ClientSampleId :
 W-40

Tot Ion:330 Resp: 404525
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.2
 141 33.1 34.1 51.1#

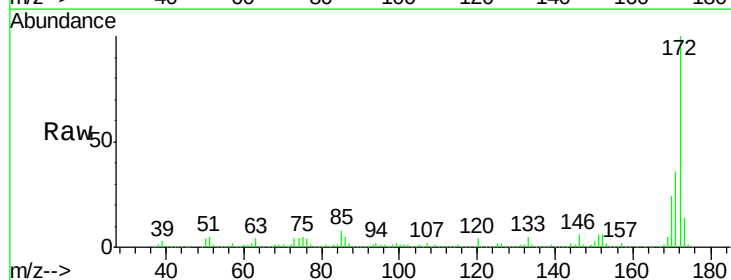


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

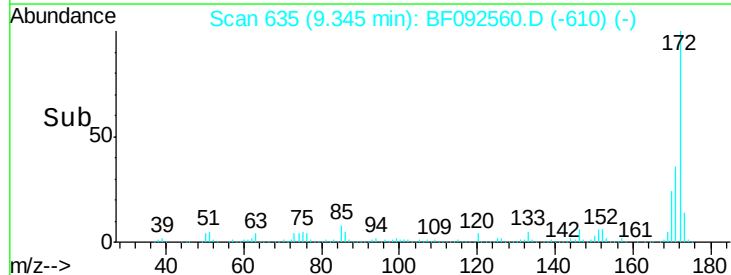
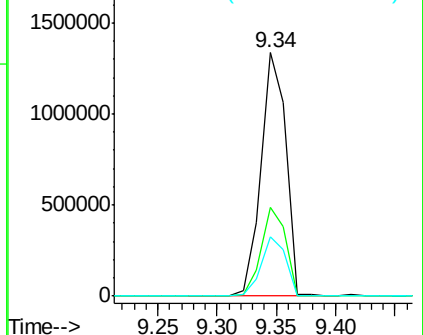


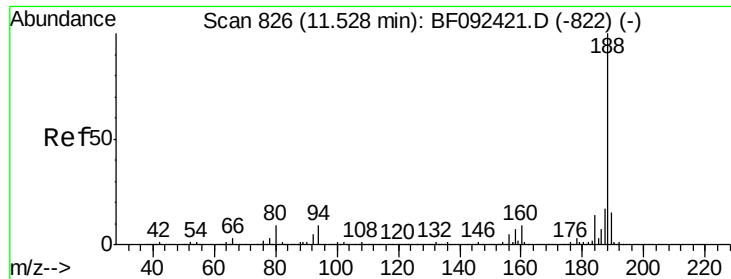
#44
 2-Fluorobiphenyl
 Concen: 90.69 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092560.D
 Acq: 27 Jan 2017 7:27

Tgt Ion:172 Resp: 1962020
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.2 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

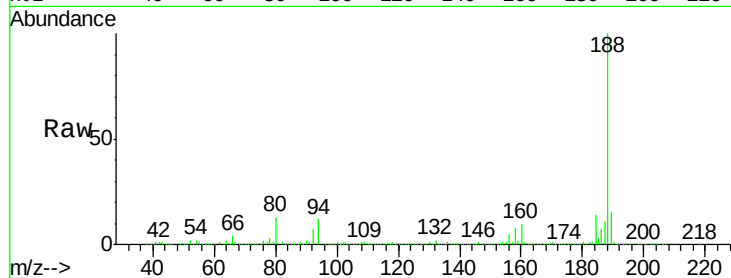




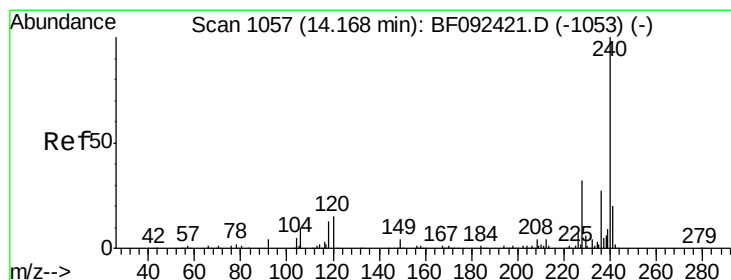
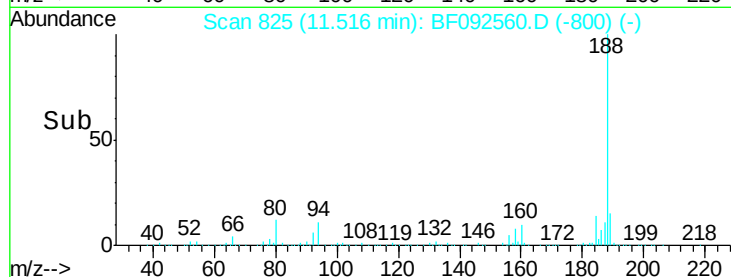
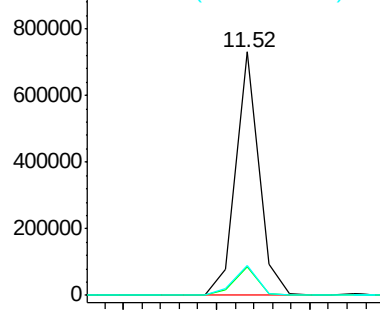
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092560.D
Acq: 27 Jan 2017 7:27

Instrument :
BNA_F
ClientSampleId :
W-40

Tot Ion:188 Resp: 623239
Ion Ratio Lower Upper
188 100
94 11.5 10.0 15.0
80 12.5 11.2 16.8

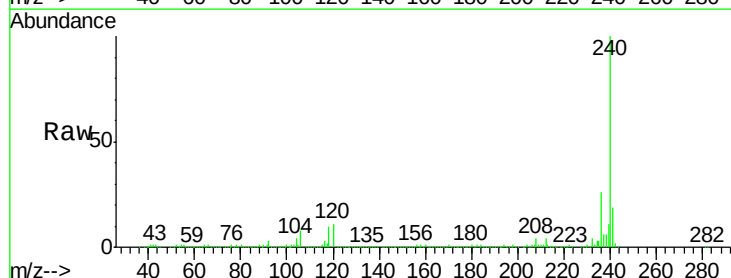


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

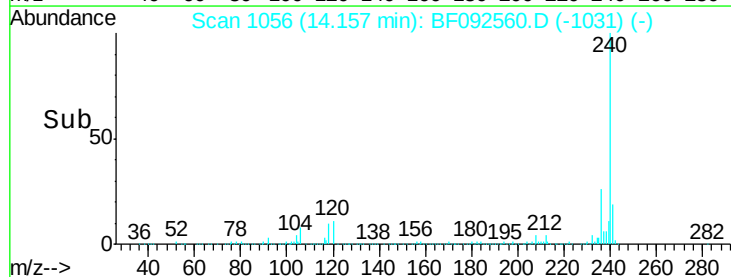
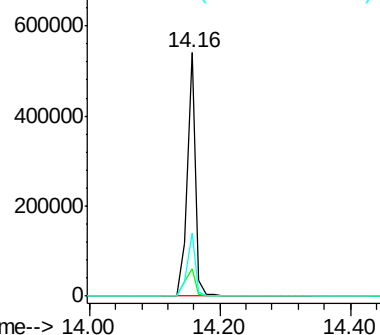


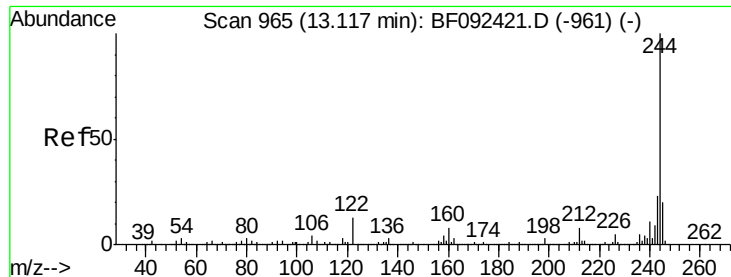
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092560.D
Acq: 27 Jan 2017 7:27

Tgt Ion:240 Resp: 488114
Ion Ratio Lower Upper
240 100
120 11.4 12.9 19.3#
236 25.7 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: 96.23 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092560.D

Acq: 27 Jan 2017 7:27

Instrument :

BNA_F

ClientSampleId :

W-40

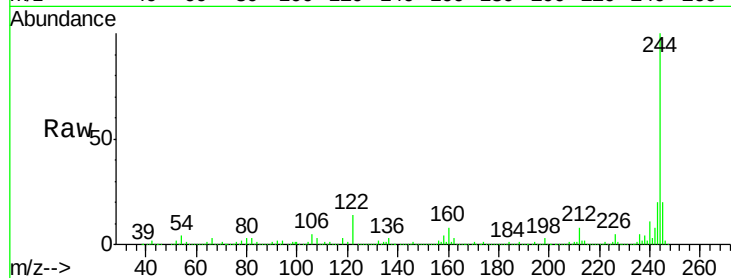
Tot Ion:244 Resp: 1763867

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

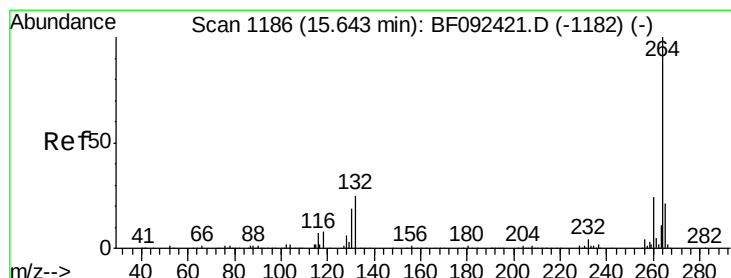
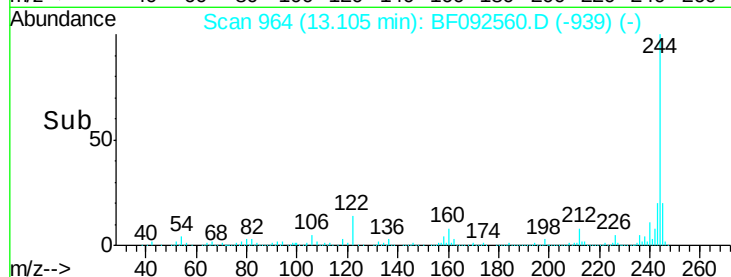
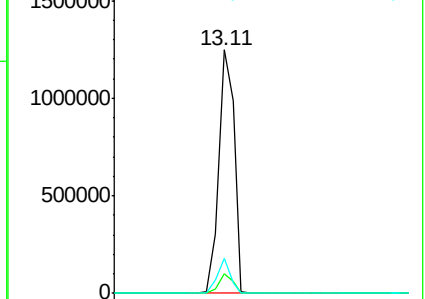
122 14.4 11.4 17.2



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: 15.64 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF092560.D

Acq: 27 Jan 2017 7:27

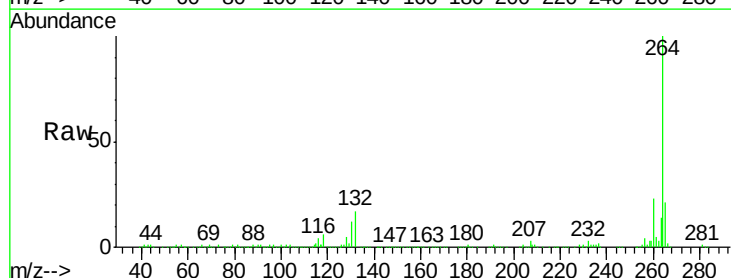
Tgt Ion:264 Resp: 344784

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.2 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

