

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
 Data File : BF092074.D
 Acq On : 4 Jan 2017 18:06
 Operator : UM/SJ
 Sample : PB95751BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BL

Quant Time: Jan 05 00:21:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 05 00:16:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	354679	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1617869	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	830005	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	1329224	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	1145973	20.00	ng	-0.01
86) Perylene-d12	15.18	264	1004792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1615065	76.03	ng	0.01
7) Phenol-d6	6.32	99	1878548	72.44	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1463510	50.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	495717	72.17	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	2612405	60.82	ng	0.00
78) Terphenyl-d14	12.76	244	2276106	48.17	ng	-0.01

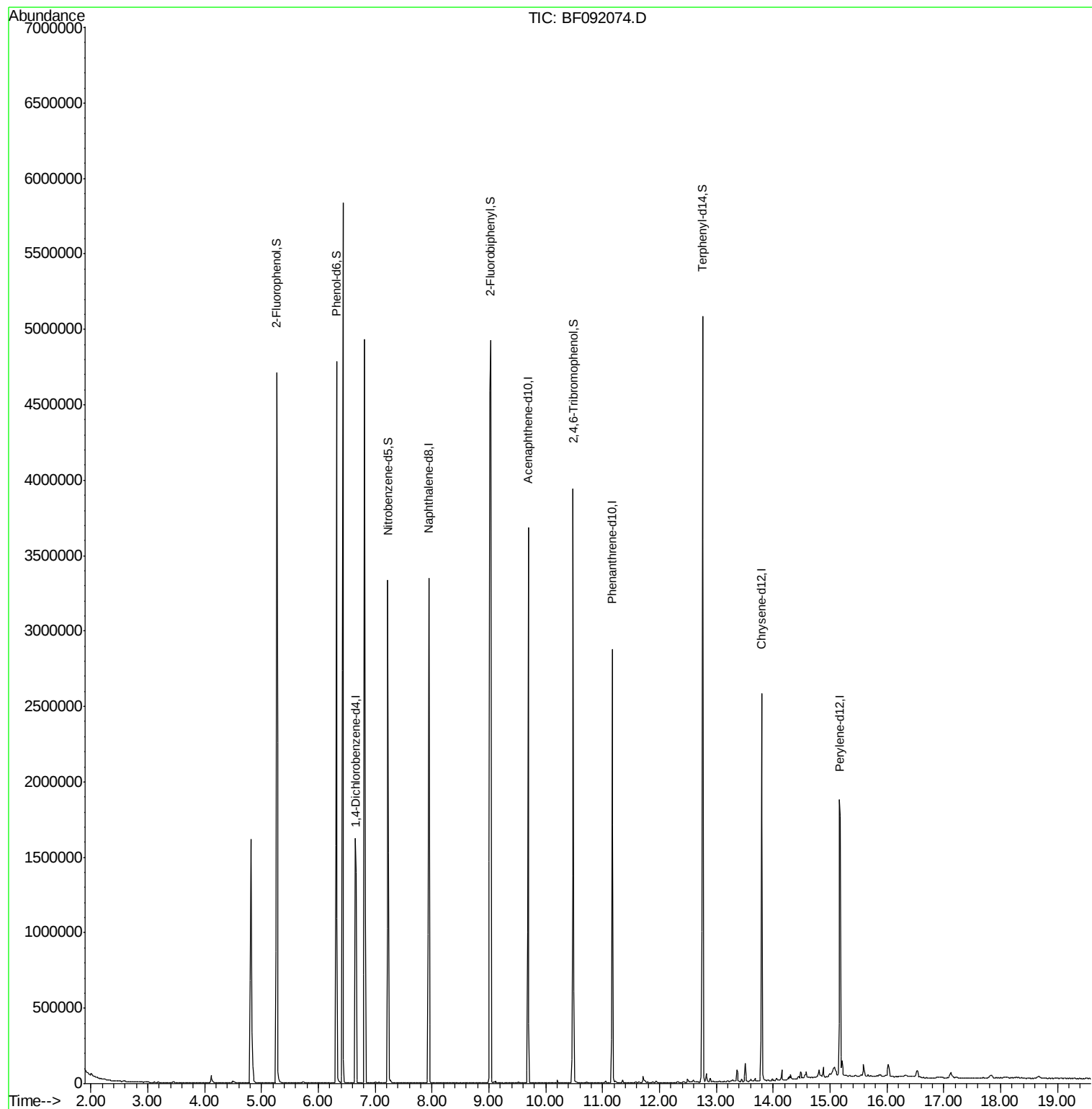
Target Compounds Qvalue

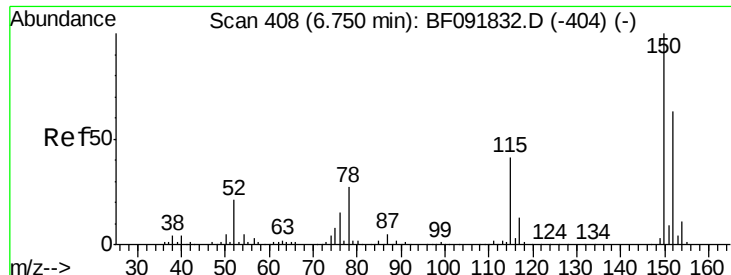
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF092074.D

Acq: 4 Jan 2017 18:06

Instrument :

BNA_F

ClientSampleId :

PB95751BL

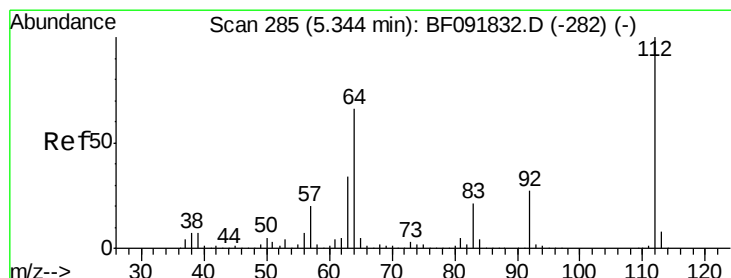
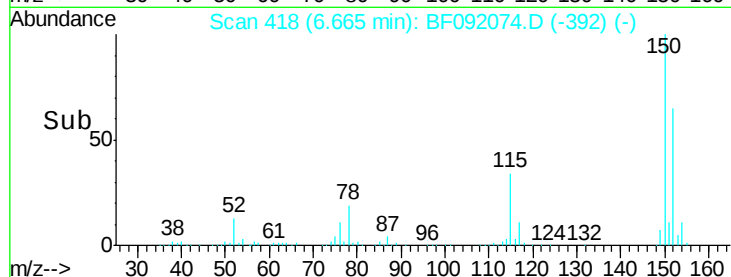
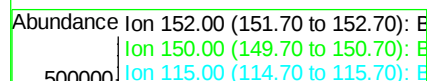
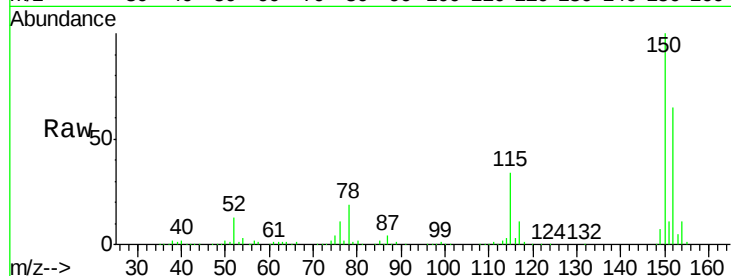
Tot Ion:152 Resp: 354679

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

115 53.0 46.0 69.0



#5

2-Fluorophenol

Concen: 76.03 ng

RT: 5.27 min Scan# 296

Delta R.T. 0.01 min

Lab File: BF092074.D

Acq: 4 Jan 2017 18:06

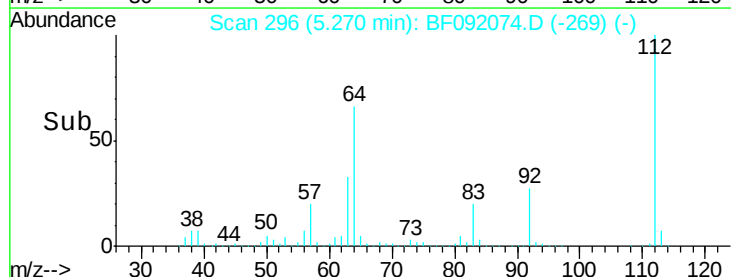
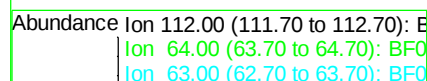
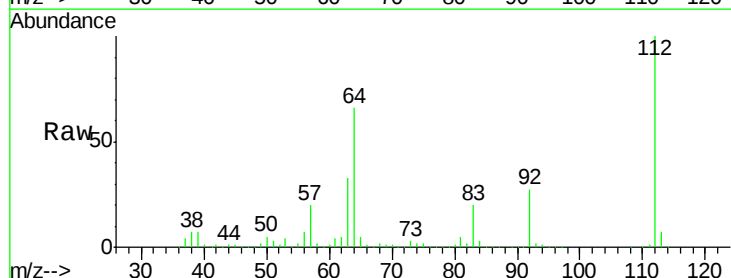
Tgt Ion:112 Resp: 1615065

Ion Ratio Lower Upper

112 100

64 66.2 46.1 69.1

63 33.0 23.8 35.6





#7

Phenol-d6

Concen: 72.44 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092074.D

Acq: 4 Jan 2017 18:06

Instrument :

BNA_F

ClientSampleId :

PB95751BL

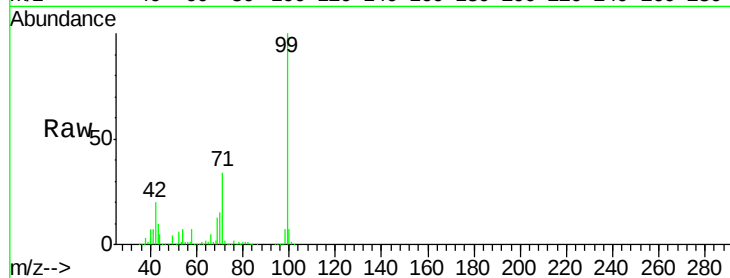
Tot Ion: 99 Resp: 1878548

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

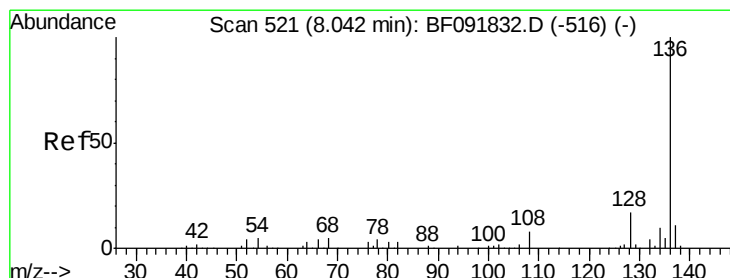
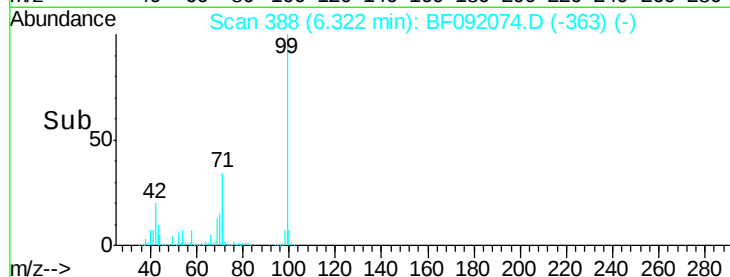
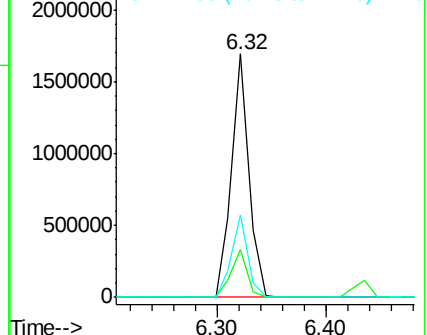
71 33.9 27.5 41.3



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: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092074.D

Acq: 4 Jan 2017 18:06

Tgt Ion: 136 Resp: 1617869

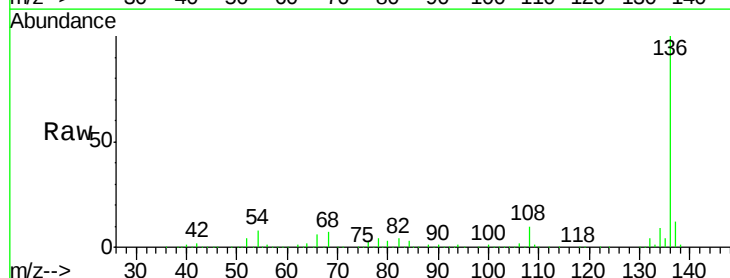
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 8.5 4.5 6.7#

68 7.1 3.6 5.4#

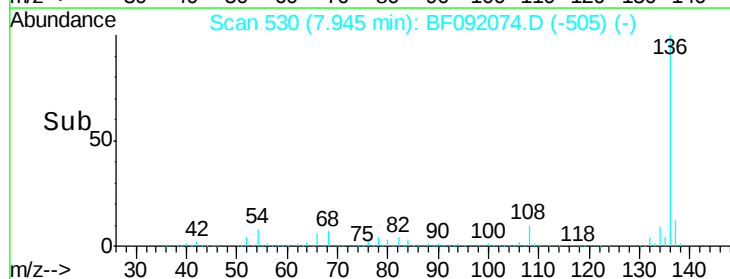
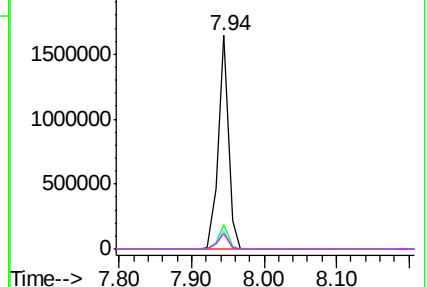


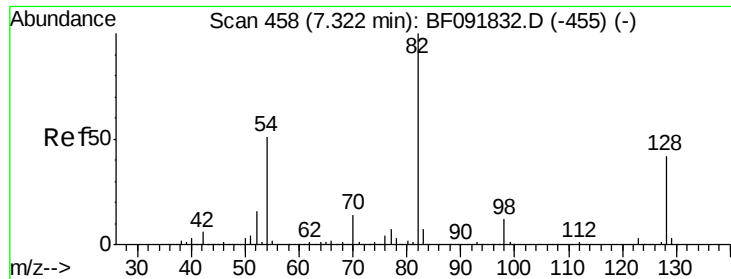
Abundance Ion 136.00 (135.70 to 136.70): E

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

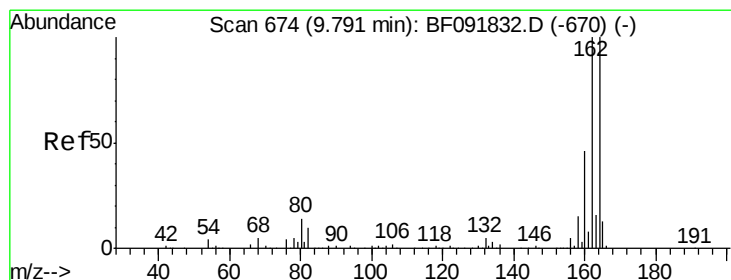
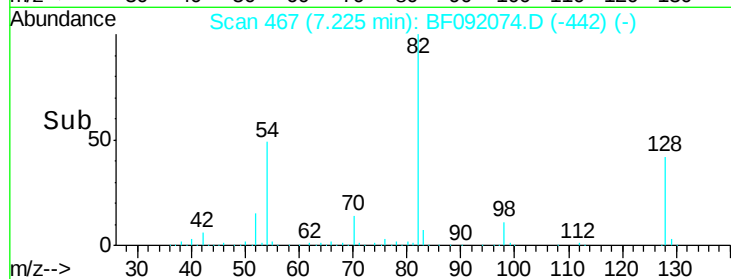
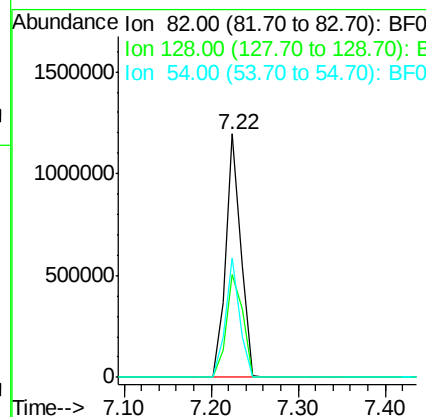
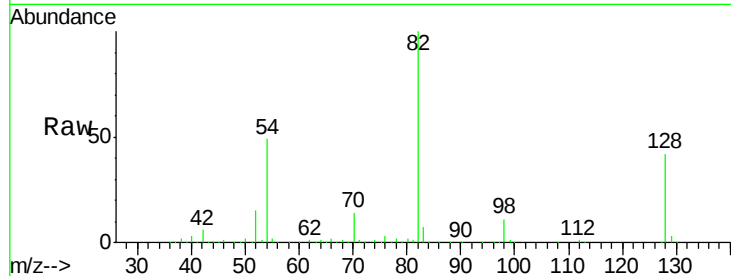




#23
 Nitrobenzene-d5
 Concen: 50.30 ng
 RT: 7.22 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF092074.D
 Acq: 4 Jan 2017 18:06

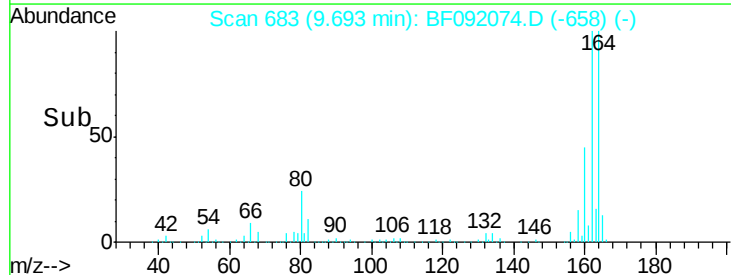
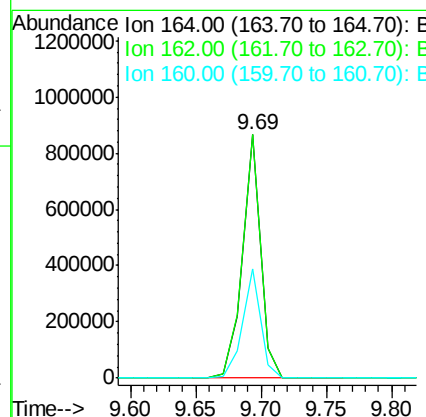
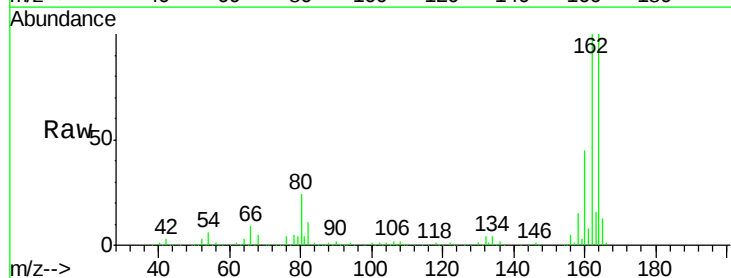
Instrument :
 BNA_F
 ClientSampleId :
 PB95751BL

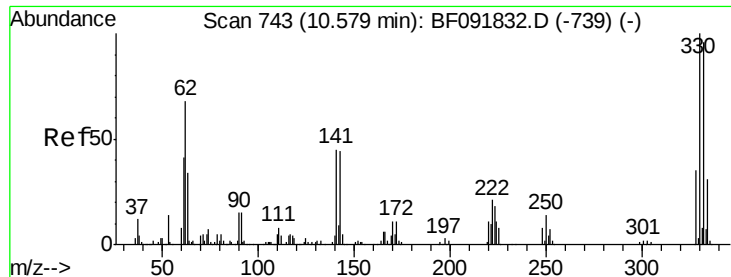
Tot Ion: 82 Resp: 1463510
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.6 52.0
 54 49.0 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF092074.D
 Acq: 4 Jan 2017 18:06

Tgt Ion: 164 Resp: 830005
 Ion Ratio Lower Upper
 164 100
 162 100.2 80.2 120.2
 160 45.1 36.9 55.3

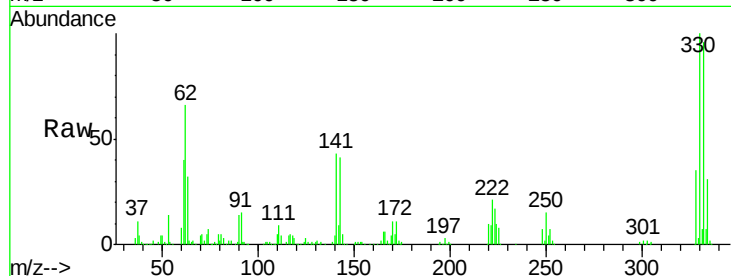




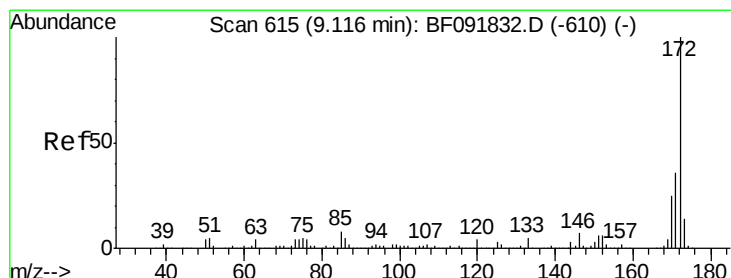
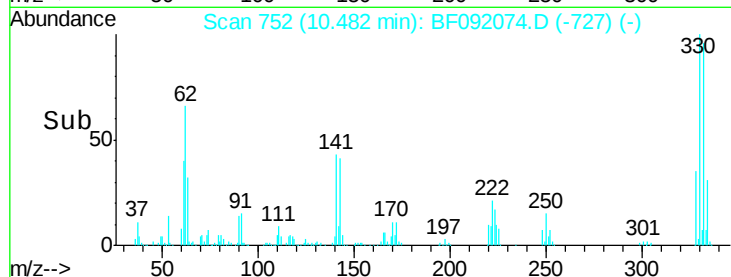
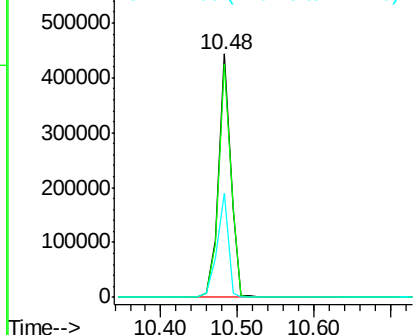
#41
 2,4,6-Tribromophenol
 Concen: 72.17 ng
 RT: 10.48 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF092074.D
 Acq: 4 Jan 2017 18:06

Instrument :
 BNA_F
 ClientSampleID :
 PB95751BL

Tot Ion:330 Resp: 495717
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 38.7 34.1 51.1

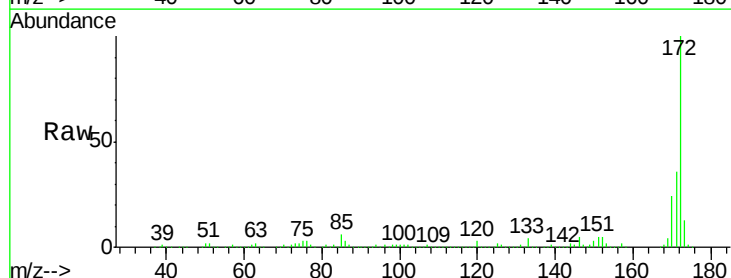


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

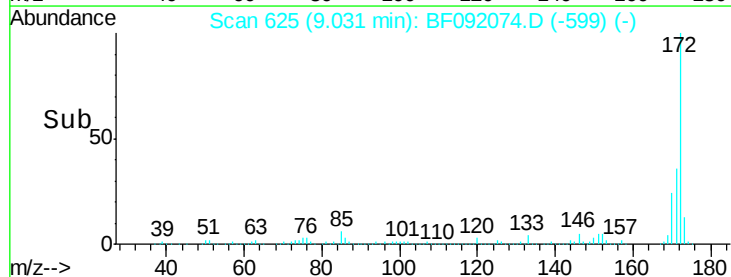
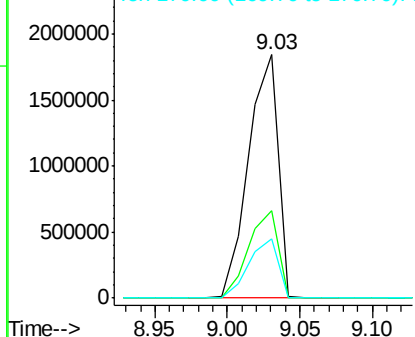


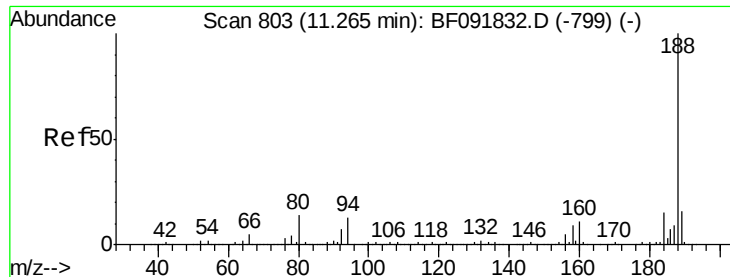
#44
 2-Fluorobiphenyl
 Concen: 60.82 ng
 RT: 9.03 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF092074.D
 Acq: 4 Jan 2017 18:06

Tgt Ion:172 Resp: 2612405
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.3 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

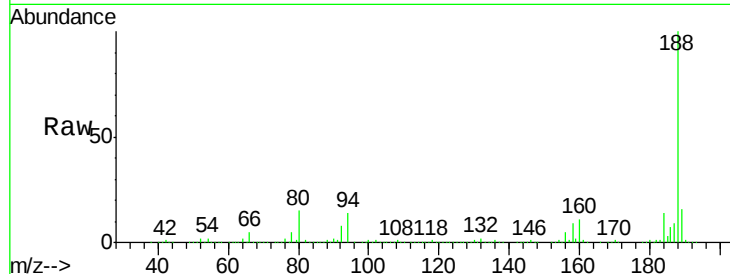




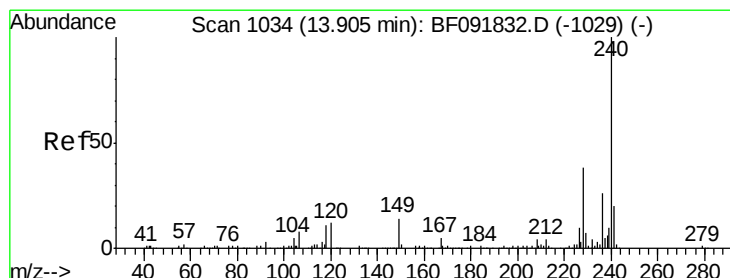
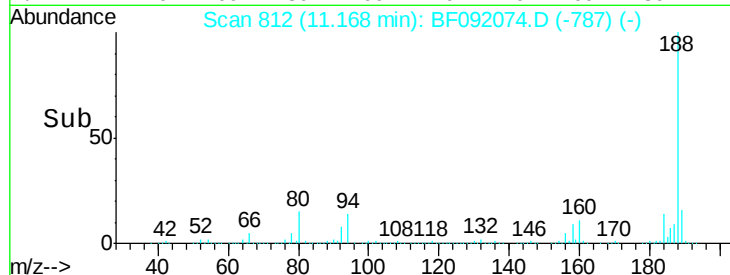
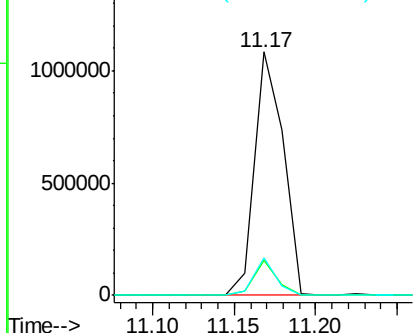
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092074.D
Acq: 4 Jan 2017 18:06

Instrument :
BNA_F
ClientSampleId :
PB95751BL

Tot Ion:188 Resp: 1329224
Ion Ratio Lower Upper
188 100
94 14.1 10.0 15.0
80 15.4 11.2 16.8

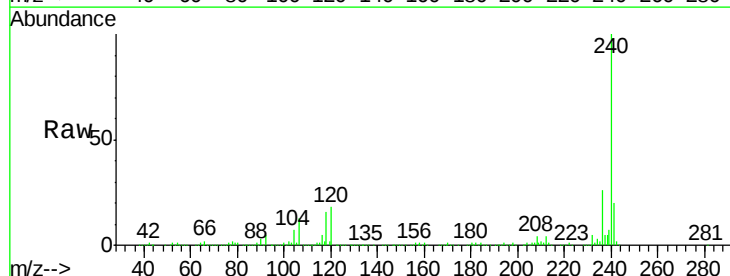


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

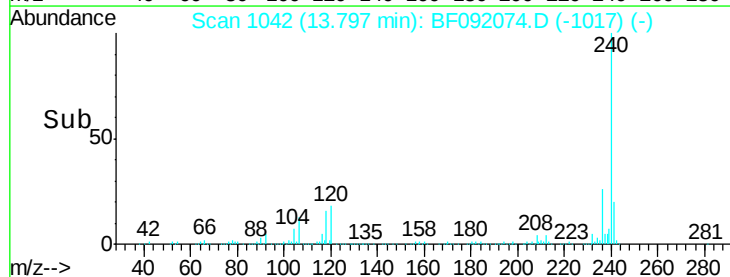
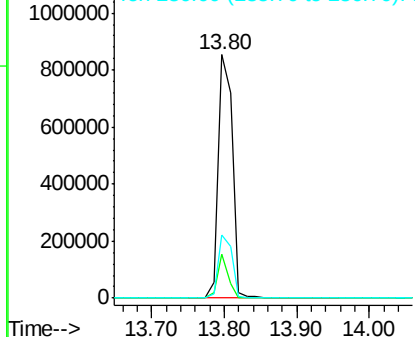


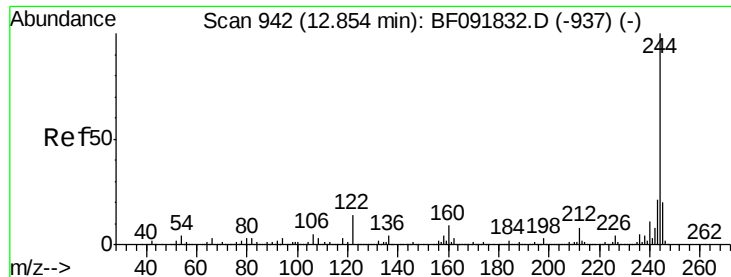
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092074.D
Acq: 4 Jan 2017 18:06

Tgt Ion:240 Resp: 1145973
Ion Ratio Lower Upper
240 100
120 17.8 12.9 19.3
236 25.9 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



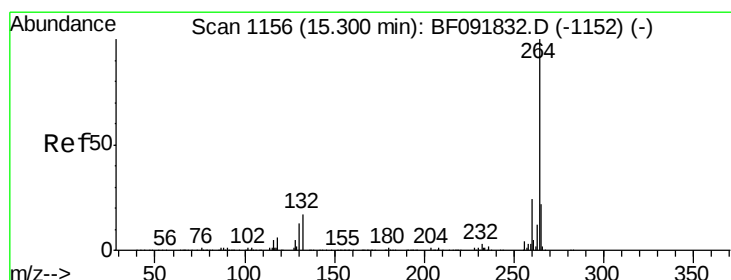
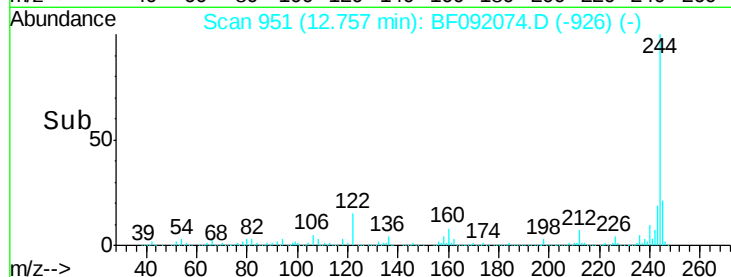
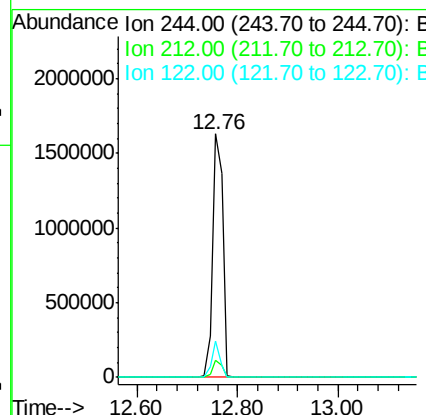
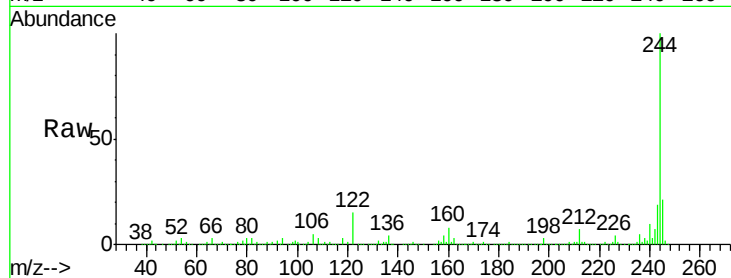


#78
 Terphenyl-d14
 Concen: 48.17 ng
 RT: 12.76 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF092074.D
 Acq: 4 Jan 2017 18:06

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BL

Tot Ion:244 Resp: 2276106

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	15.1	11.4	17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF092074.D
 Acq: 4 Jan 2017 18:06

Tgt Ion:264 Resp: 1004792

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	17.4	26.0

