

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
 Data File : BF091124.D
 Acq On : 9 Nov 2016 15:18
 Operator : UM/SJ
 Sample : PB94612BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94612BL

Quant Time: Nov 09 22:50:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	190424	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	816310	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	415879	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	689064	20.00	ng	0.00
75) Chrysene-d12	13.80	240	632701	20.00	ng	-0.01
86) Perylene-d12	15.17	264	512586	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1475301	127.95	ng	0.01
7) Phenol-d6	6.32	99	2078750	132.83	ng	0.00
23) Nitrobenzene-d5	7.23	82	1311254	87.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	541143	143.93	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2090448	86.54	ng	-0.01
78) Terphenyl-d14	12.76	244	2103521	82.97	ng	0.00

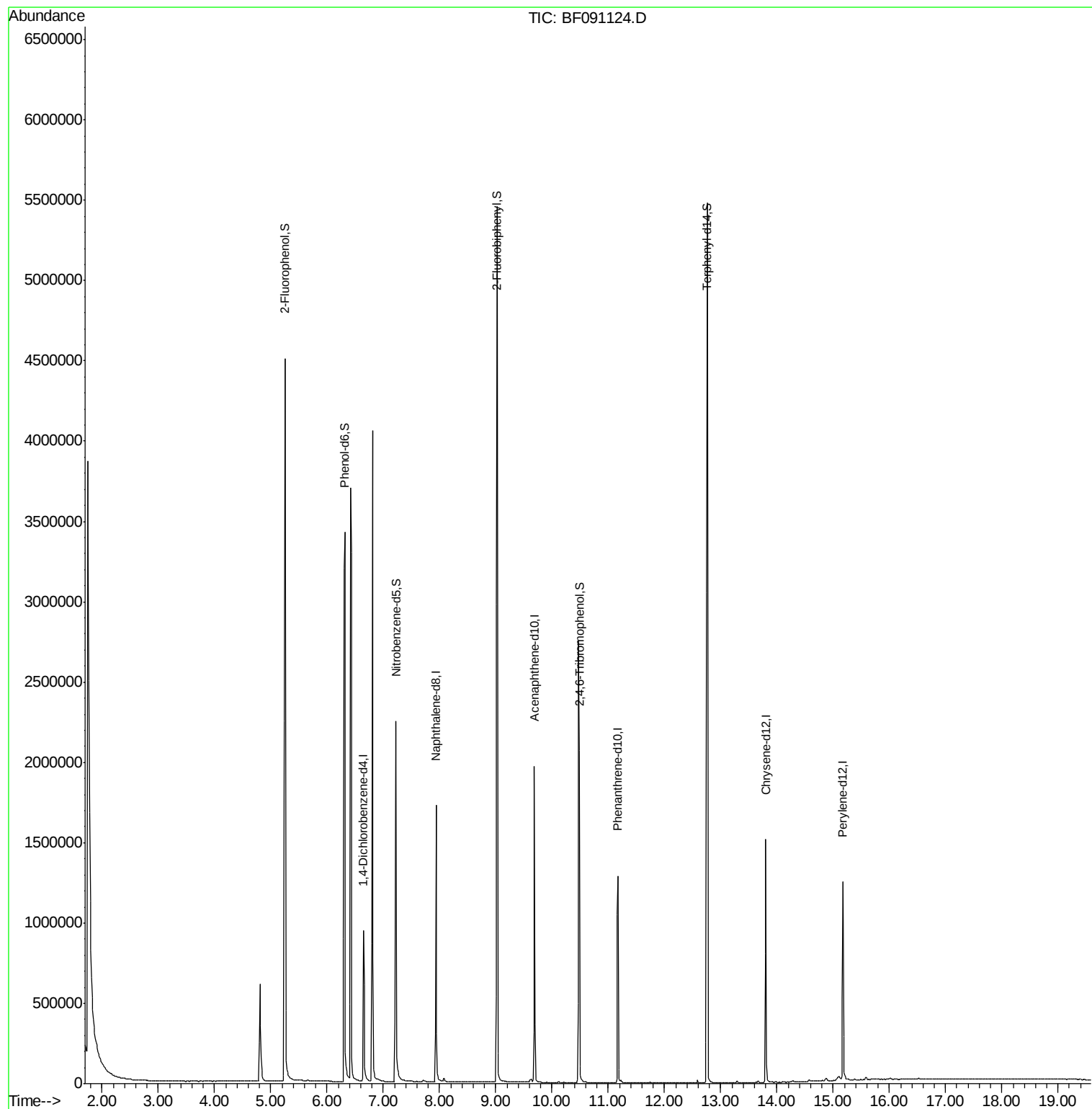
Target Compounds Qvalue

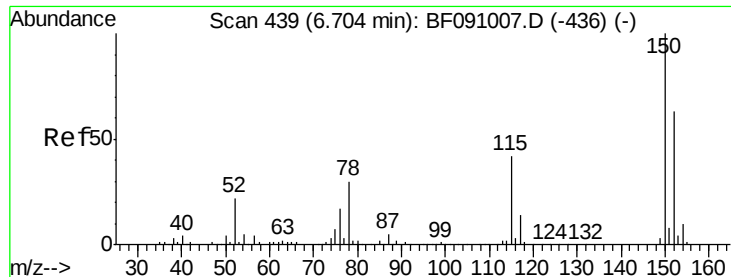
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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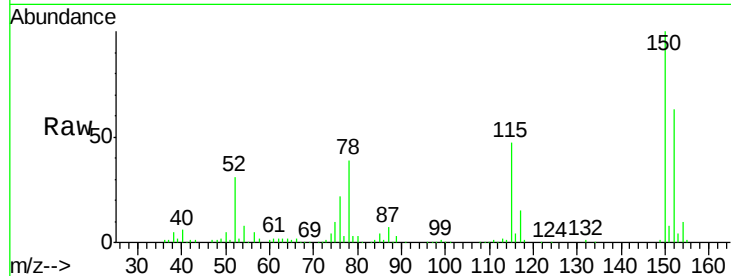


#1

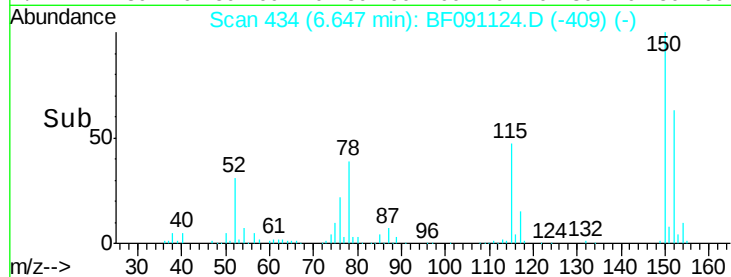
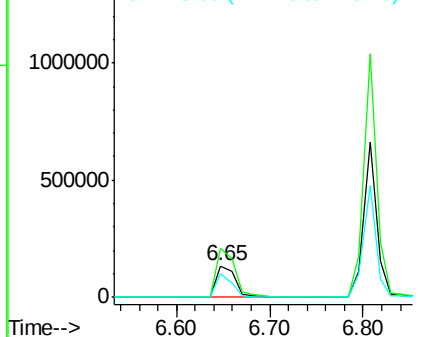
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091124.D
Acq: 9 Nov 2016 15:18

Instrument :
BNA_F
ClientSampleId :
PB94612BL

Tot Ion:152 Resp: 190424
Ion Ratio Lower Upper
152 100
150 157.9 126.8 190.2
115 74.4 53.3 79.9



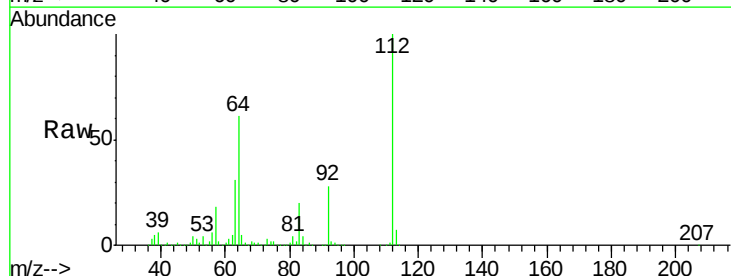
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



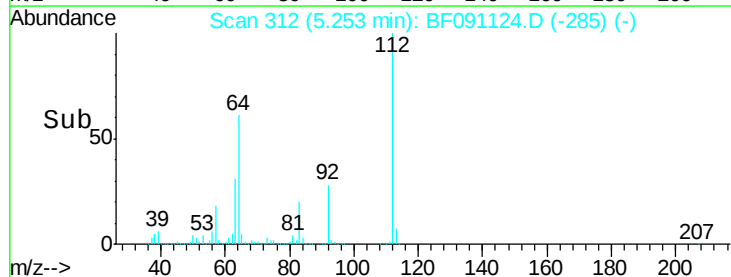
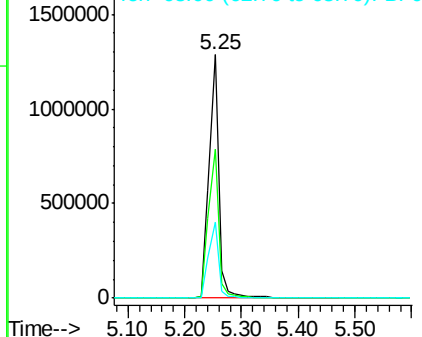
#5

2-Fluorophenol
Concen: 127.95 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF091124.D
Acq: 9 Nov 2016 15:18

Tgt Ion:112 Resp: 1475301
Ion Ratio Lower Upper
112 100
64 61.3 55.8 83.6
63 31.2 28.0 42.0



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: 132.83 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091124.D

Acq: 9 Nov 2016 15:18

Instrument :

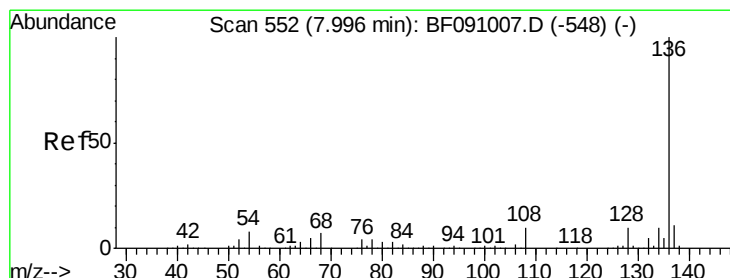
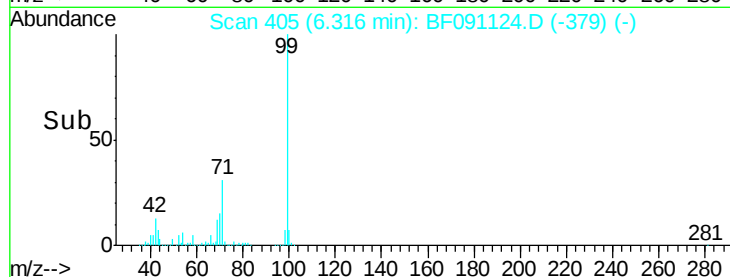
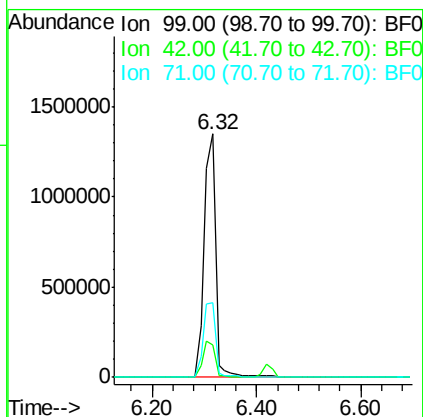
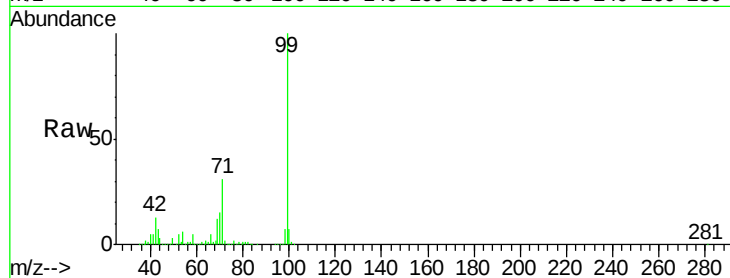
BNA_F

ClientSampleId :

PB94612BL

Tot Ion: 99 Resp: 2078750

Ion	Ratio	Lower	Upper
99	100		
42	13.1	13.9	20.9#
71	30.7	27.8	41.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 547

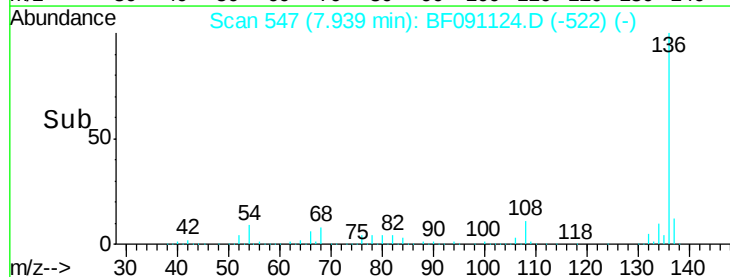
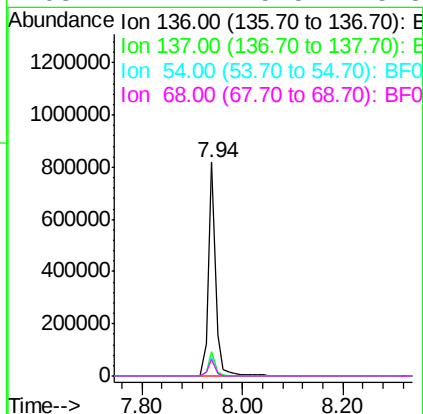
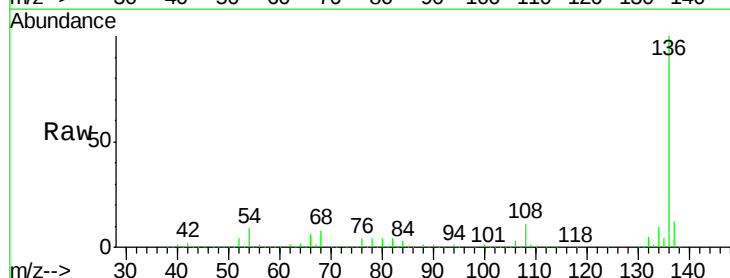
Delta R.T. -0.01 min

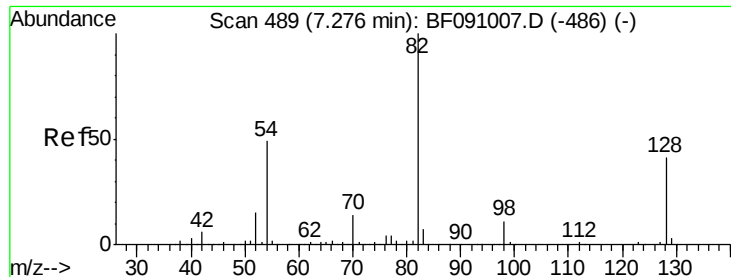
Lab File: BF091124.D

Acq: 9 Nov 2016 15:18

Tgt Ion: 136 Resp: 816310

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.9	6.2	9.2
68	7.7	5.5	8.3

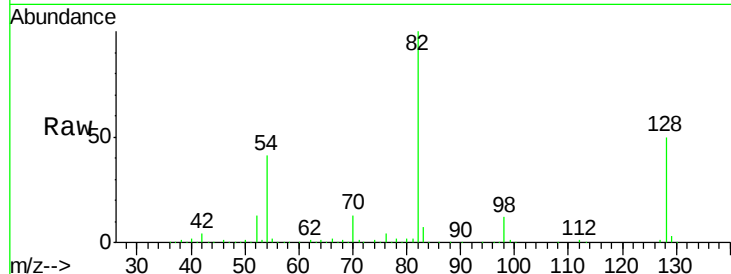




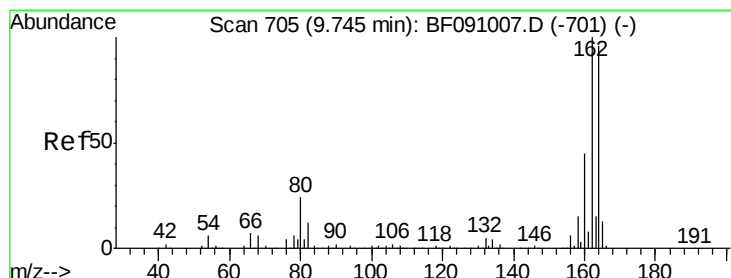
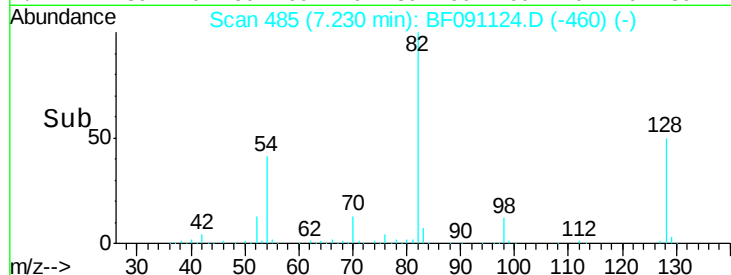
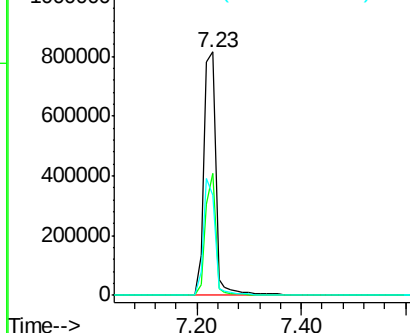
#23
 Nitrobenzene-d5
 Concen: 87.63 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091124.D
 Acq: 9 Nov 2016 15:18

Instrument :
 BNA_F
 ClientSampled :
 PB94612BL

Tot Ion: 82 Resp: 1311254
 Ion Ratio Lower Upper
 82 100
 128 50.3 32.4 48.6#
 54 41.3 39.2 58.8

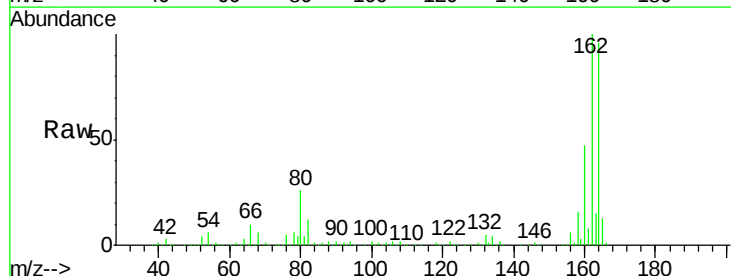


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

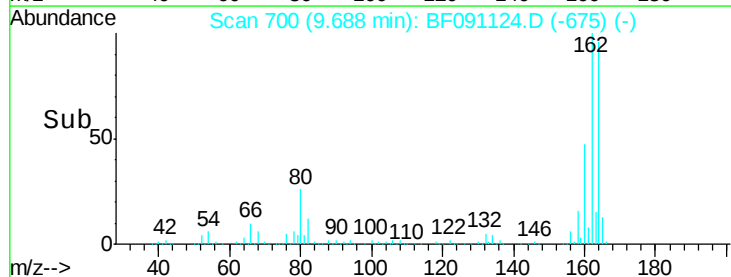
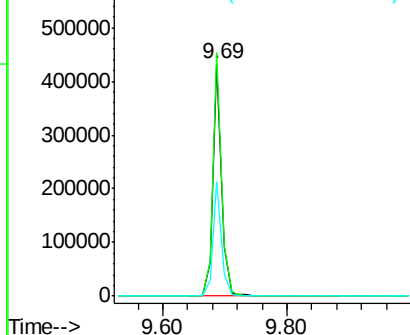


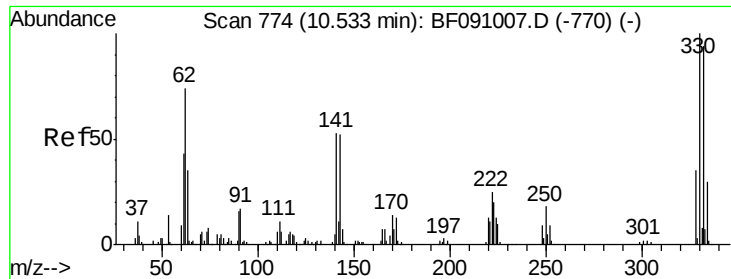
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF091124.D
 Acq: 9 Nov 2016 15:18

Tgt Ion:164 Resp: 415879
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.6 125.4
 160 49.0 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

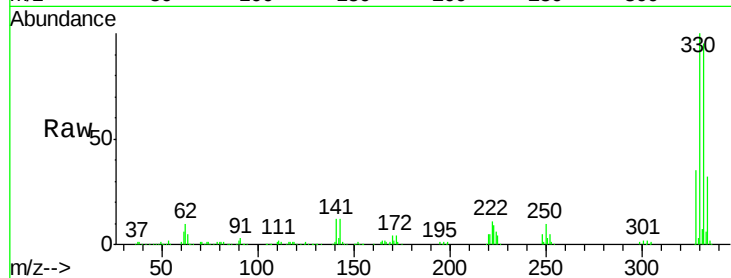




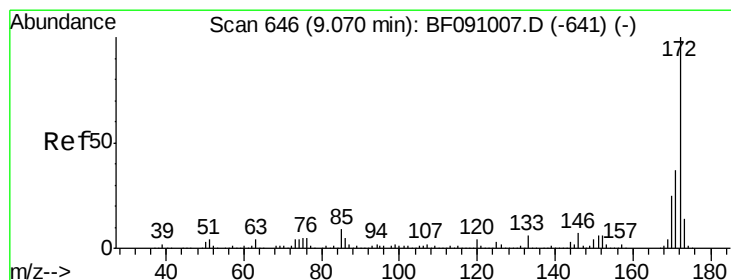
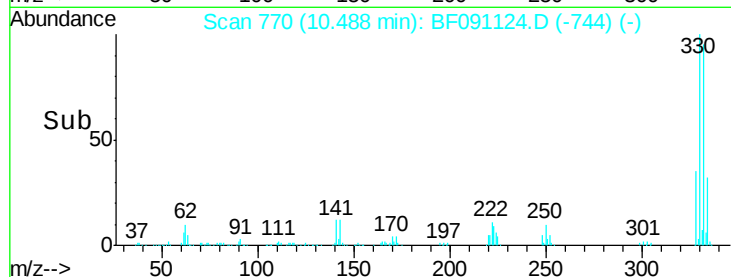
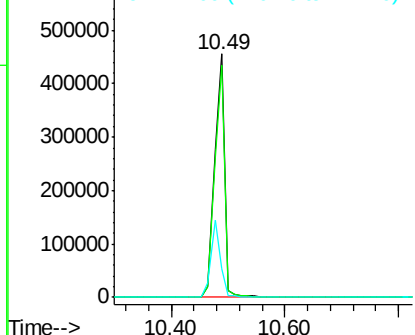
#41
 2,4,6-Tribromophenol
 Concen: 143.93 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091124.D
 Acq: 9 Nov 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94612BL

Tot Ion:330 Resp: 541143
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.9 113.9
 141 30.7 36.1 54.1#

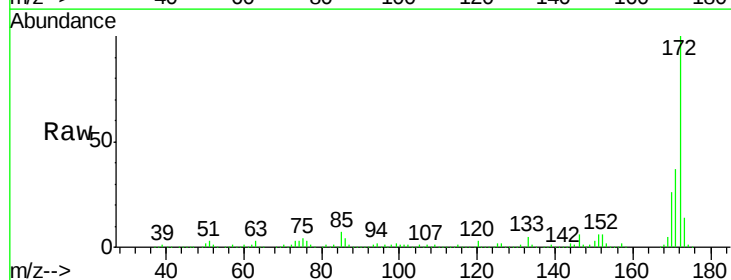


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

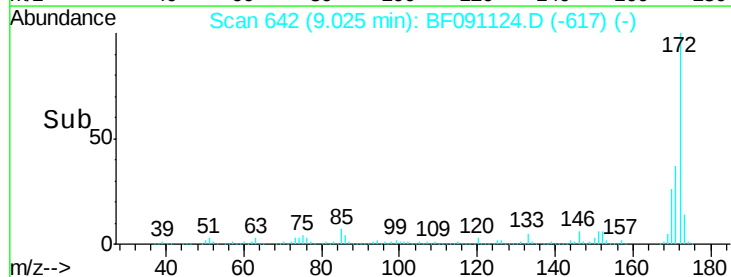
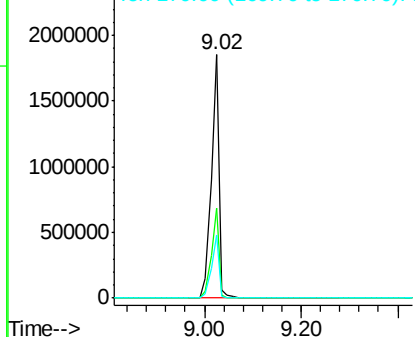


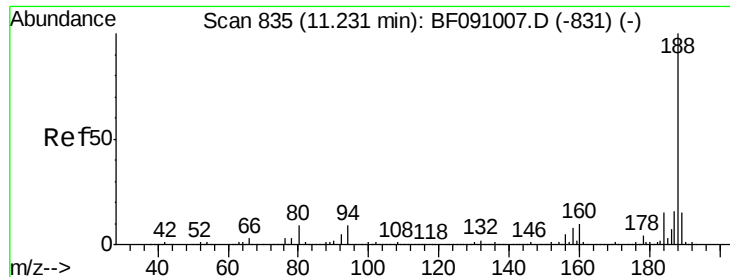
#44
 2-Fluorobiphenyl
 Concen: 86.54 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091124.D
 Acq: 9 Nov 2016 15:18

Tgt Ion:172 Resp: 2090448
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 25.7 20.3 30.5



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

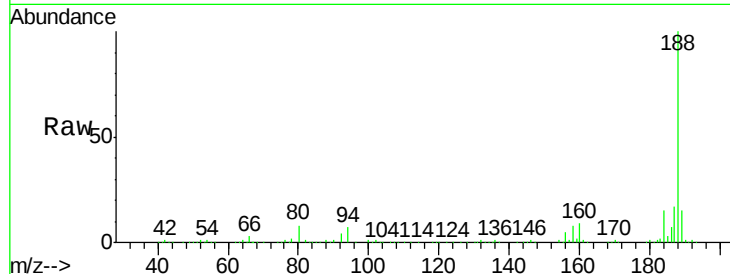




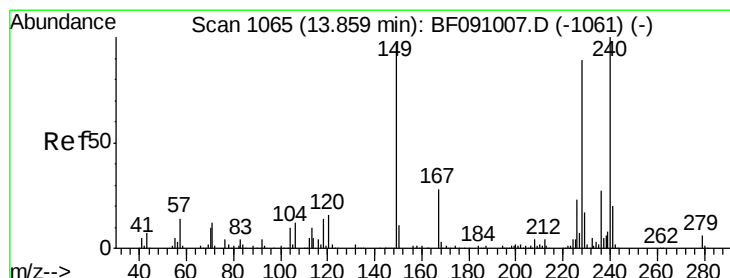
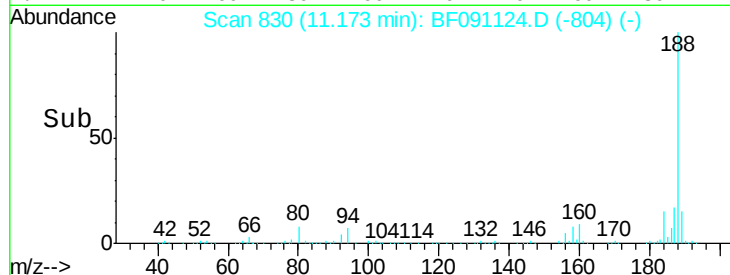
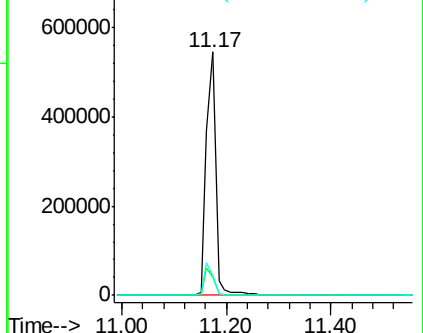
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091124.D
Acq: 9 Nov 2016 15:18

Instrument :
BNA_F
ClientSampleId :
PB94612BL

Tot Ion:188 Resp: 689064
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.4
80 7.9 7.5 11.3

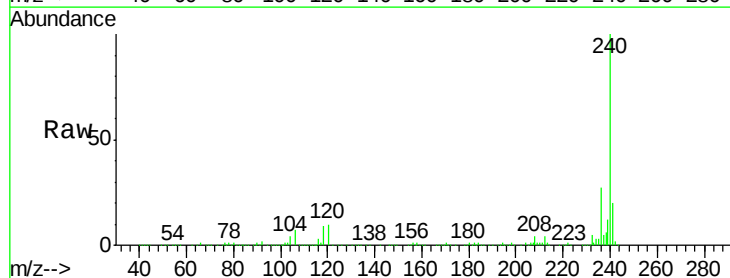


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

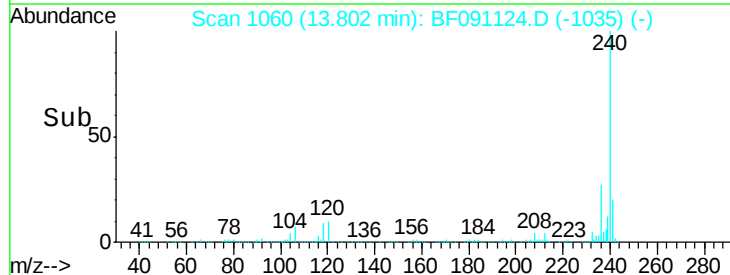
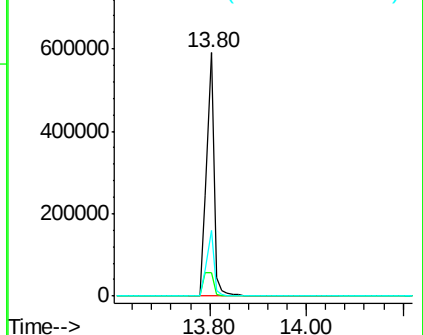


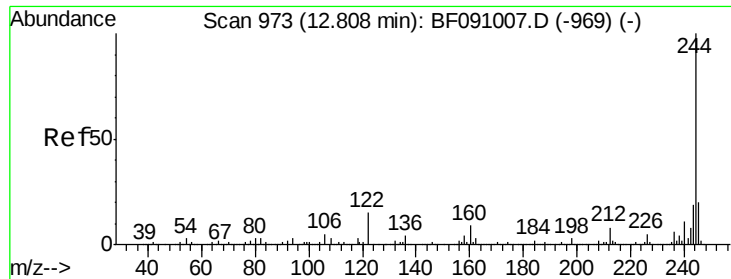
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF091124.D
Acq: 9 Nov 2016 15:18

Tgt Ion:240 Resp: 632701
Ion Ratio Lower Upper
240 100
120 9.7 12.9 19.3#
236 27.2 21.9 32.9



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

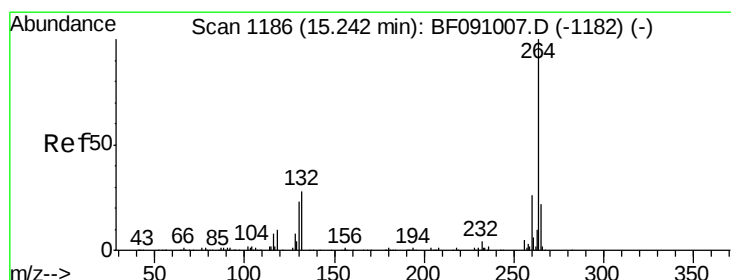
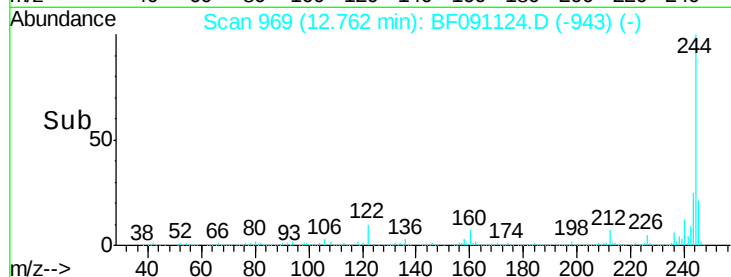
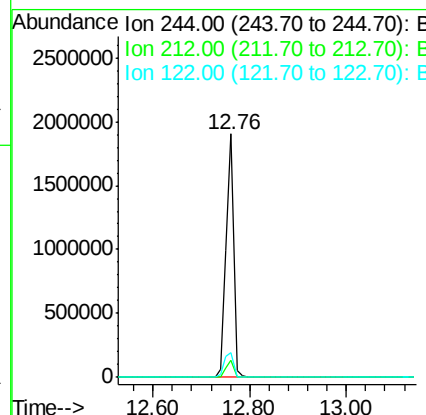
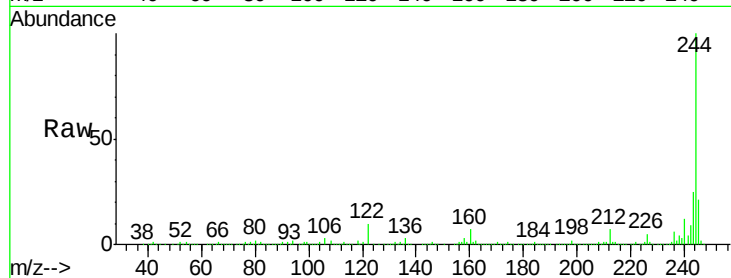




#78
 Terphenyl-d14
 Concen: 82.97 ng
 RT: 12.76 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF091124.D
 Acq: 9 Nov 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94612BL

Tot Ion:244 Resp: 2103521
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.4 9.6
 122 10.1 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF091124.D
 Acq: 9 Nov 2016 15:18

Tgt Ion:264 Resp: 512586
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.6 30.8
 265 21.8 17.8 26.8

