

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091203.D
 Acq On : 16 Nov 2016 22:12
 Operator : UM/SJ
 Sample : PB94754BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94754BL

Quant Time: Nov 17 00:59:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:05:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	179231	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	702697	20.00	ng	-0.01
38) Acenaphthene-d10	9.65	164	387426	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	715728	20.00	ng	0.00
75) Chrysene-d12	13.77	240	547635	20.00	ng	-0.01
86) Perylene-d12	15.14	264	374638	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1473995	135.82	ng	0.02
7) Phenol-d6	6.28	99	1887154	128.12	ng	0.00
23) Nitrobenzene-d5	7.20	82	1185540	92.03	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	506267	144.54	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1866840	82.96	ng	0.00
78) Terphenyl-d14	12.73	244	1864466	84.96	ng	0.00

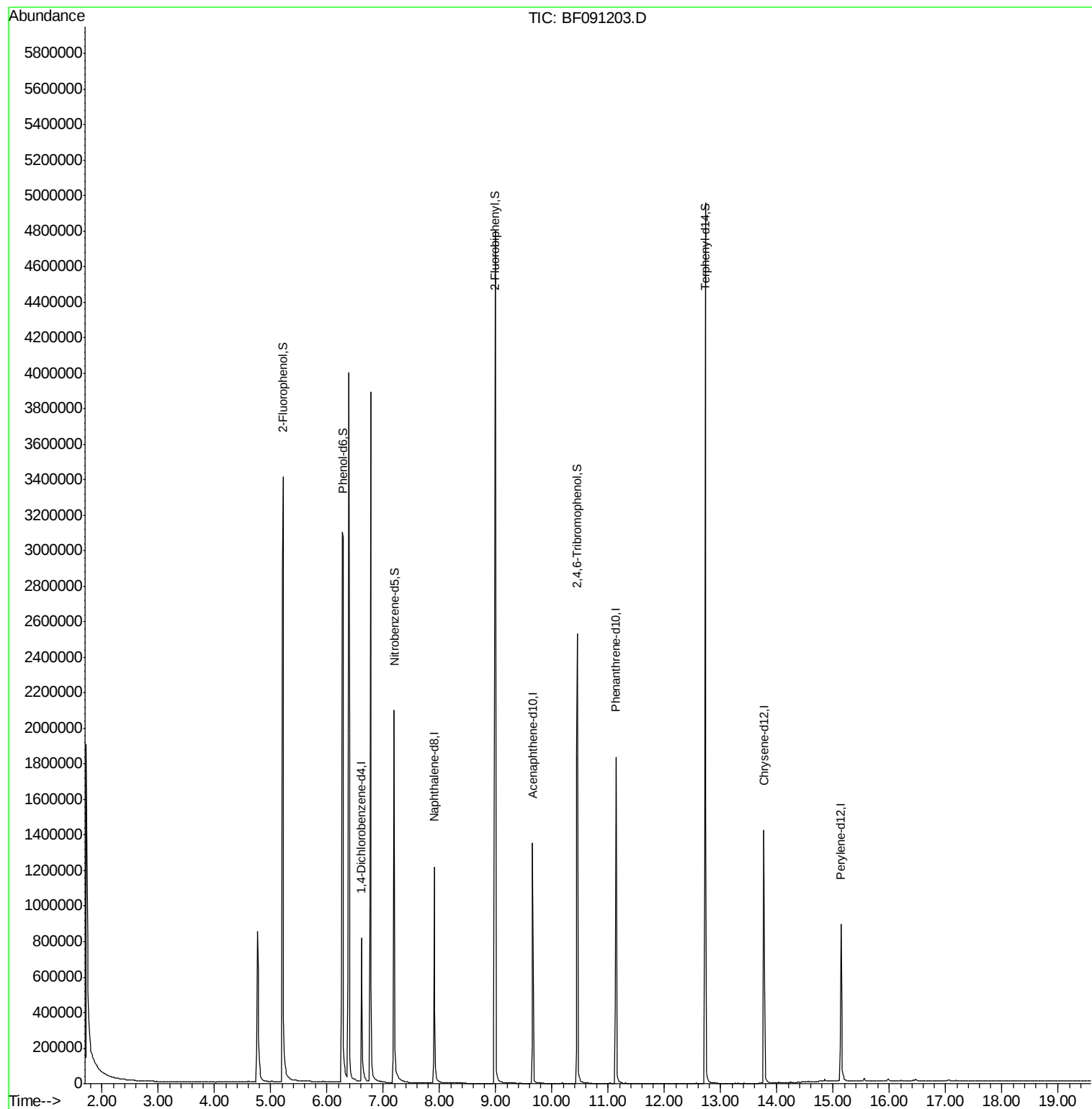
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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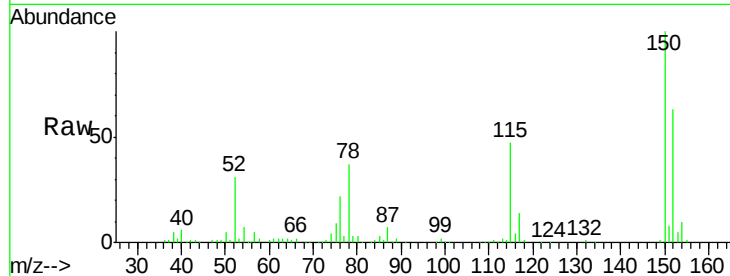




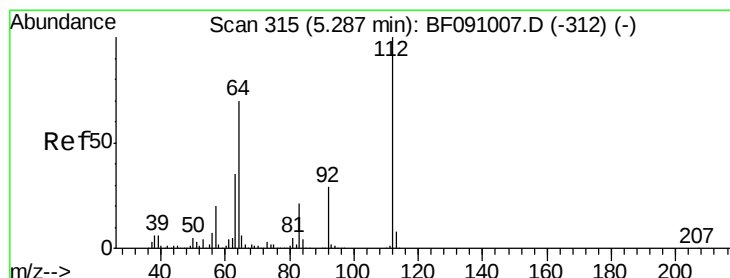
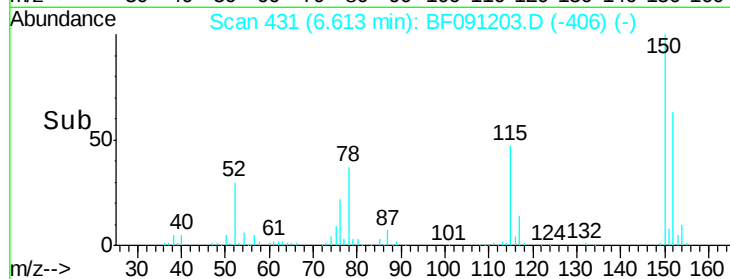
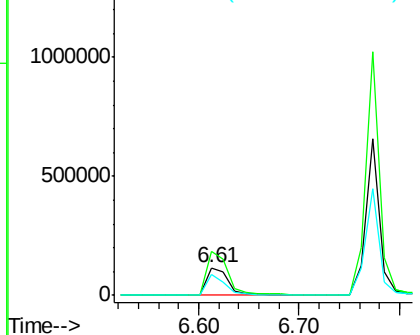
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.61 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Instrument :
 BNA_F
 ClientSampleId :
 PB94754BL

Tgt Ion:152 Resp: 179231
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.8 190.2
 115 75.3 53.3 79.9

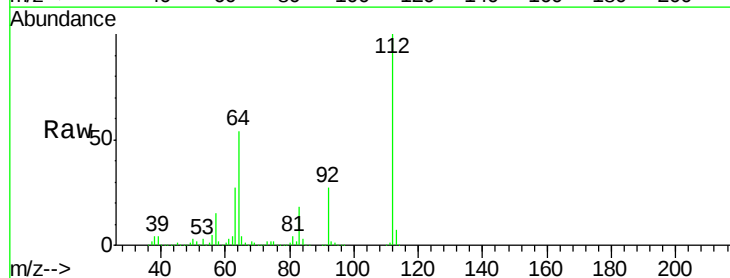


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

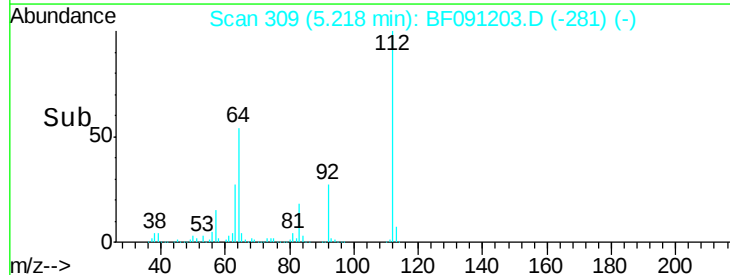
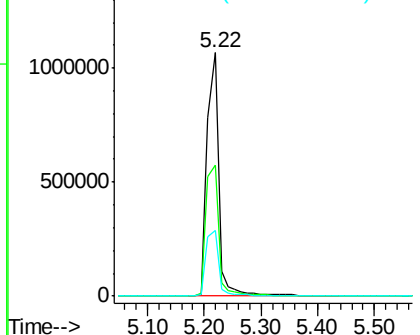


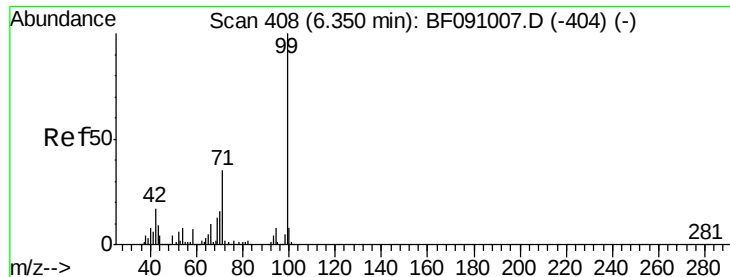
#5
 2-Fluorophenol
 Concen: 135.82 ng
 RT: 5.22 min Scan# 309
 Delta R.T. 0.02 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Tgt Ion:112 Resp: 1473995
 Ion Ratio Lower Upper
 112 100
 64 53.6 55.8 83.6#
 63 27.2 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: 128.12 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF091203.D

Acq: 16 Nov 2016 22:12

Instrument :

BNA_F

ClientSampleId :

PB94754BL

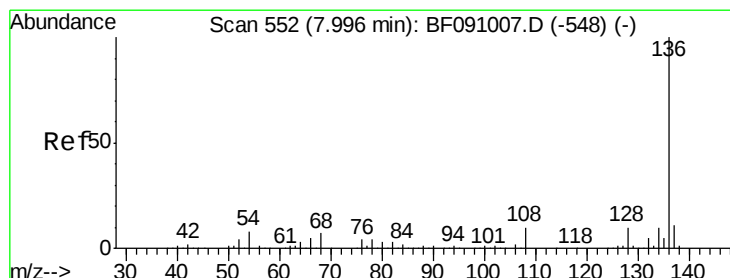
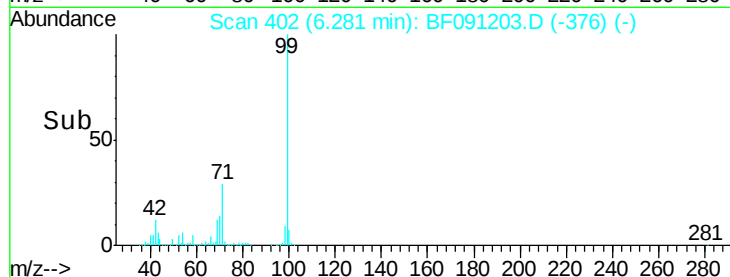
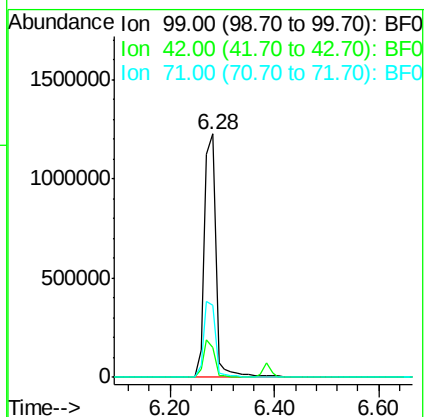
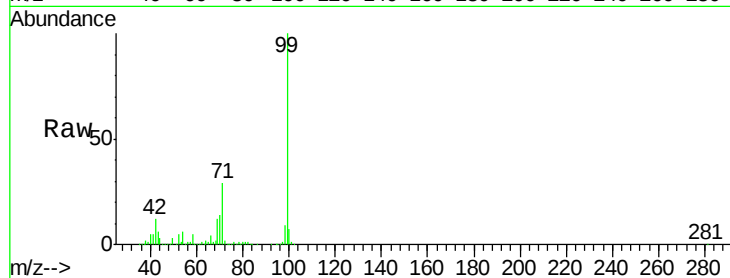
Tgt Ion: 99 Resp: 1887154

Ion Ratio Lower Upper

99 100

42 12.4 13.9 20.9#

71 29.5 27.8 41.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF091203.D

Acq: 16 Nov 2016 22:12

Tgt Ion: 136 Resp: 702697

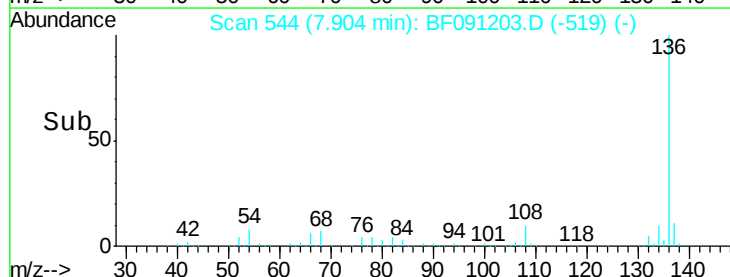
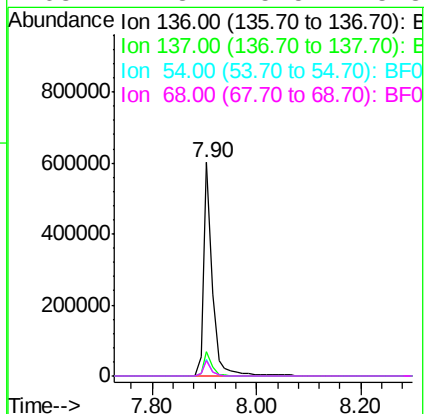
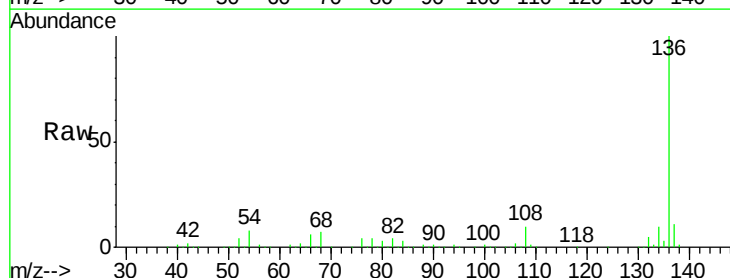
Ion Ratio Lower Upper

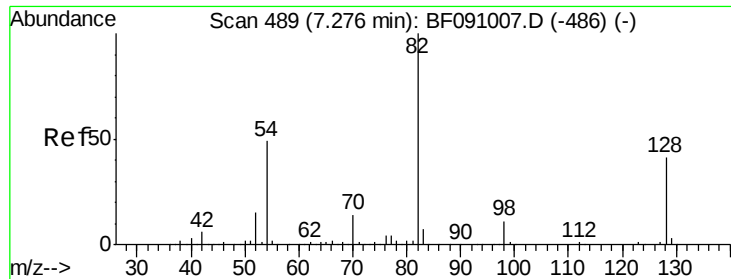
136 100

137 11.3 8.9 13.3

54 8.0 6.2 9.2

68 7.3 5.5 8.3

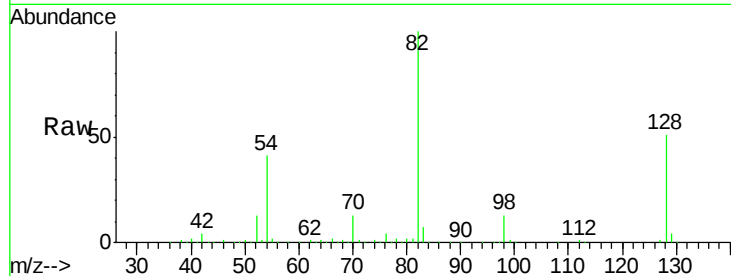




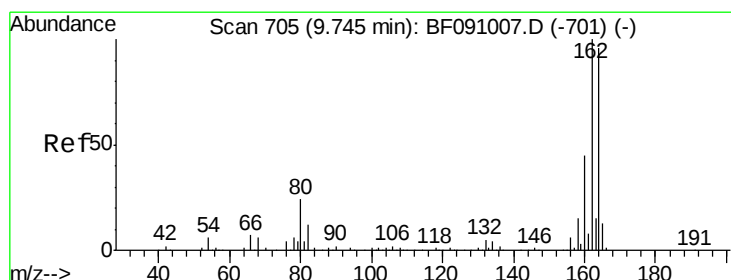
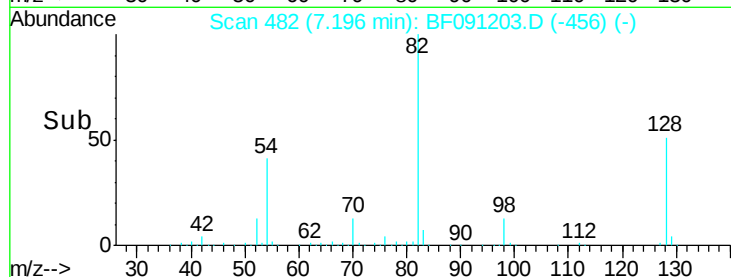
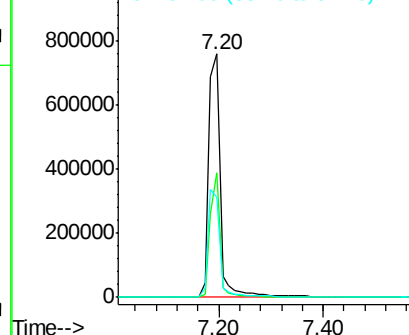
#23
 Nitrobenzene-d5
 Concen: 92.03 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Instrument :
 BNA_F
 ClientSampleID :
 PB94754BL

Tgt Ion: 82 Resp: 1185540
 Ion Ratio Lower Upper
 82 100
 128 51.1 32.4 48.6#
 54 41.0 39.2 58.8

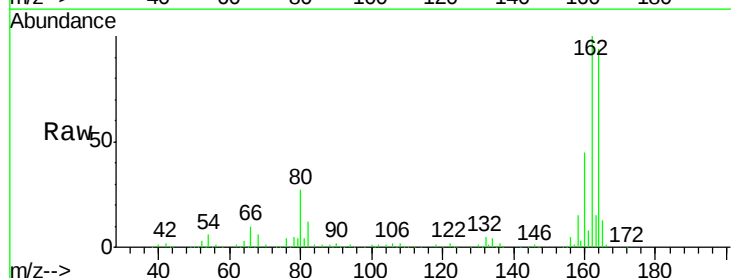


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

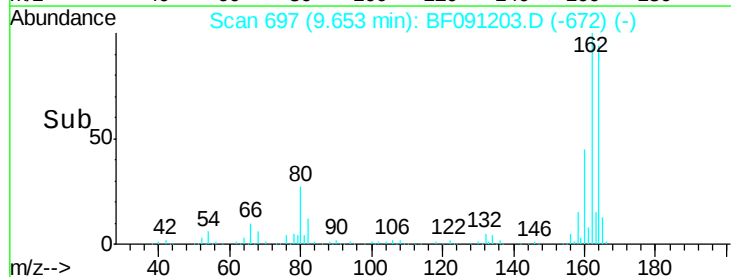
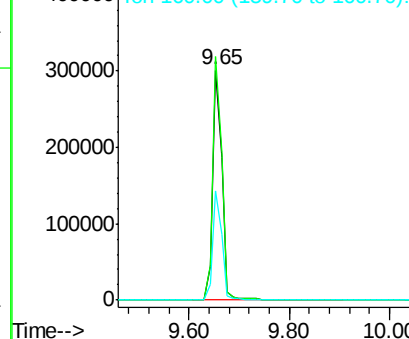


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Tgt Ion: 164 Resp: 387426
 Ion Ratio Lower Upper
 164 100
 162 106.0 83.6 125.4
 160 47.4 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

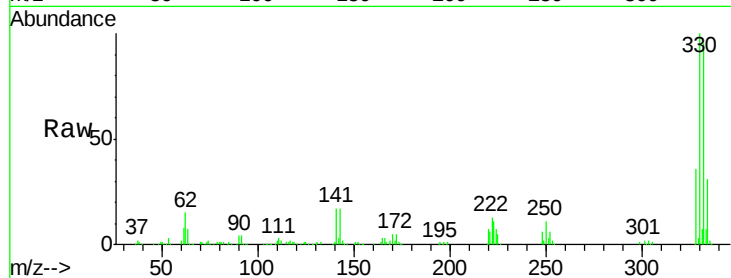




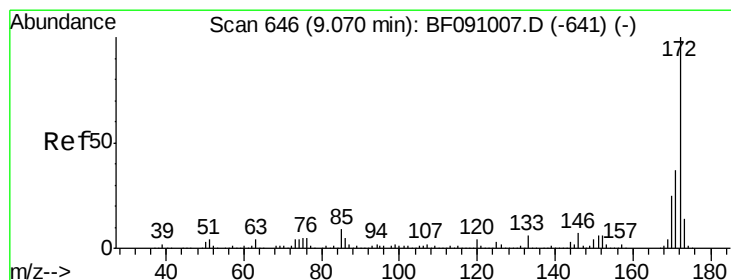
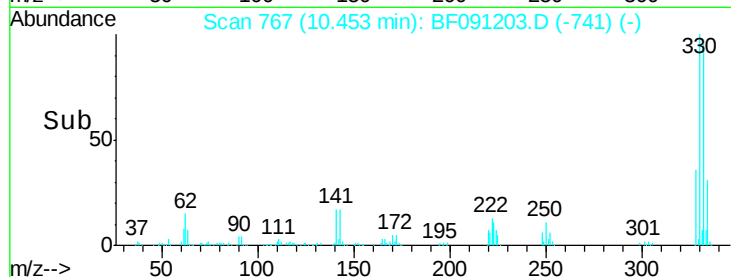
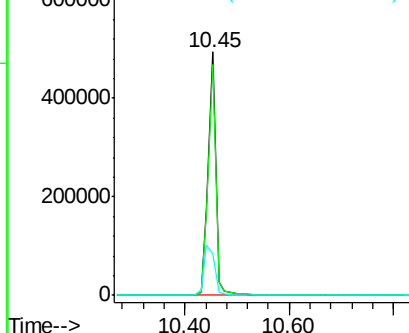
#41
 2,4,6-Tribromophenol
 Concen: 144.54 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Instrument :
 BNA_F
 ClientSampleId :
 PB94754BL

Tgt Ion:330 Resp: 506267
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.9 113.9
 141 29.0 36.1 54.1#

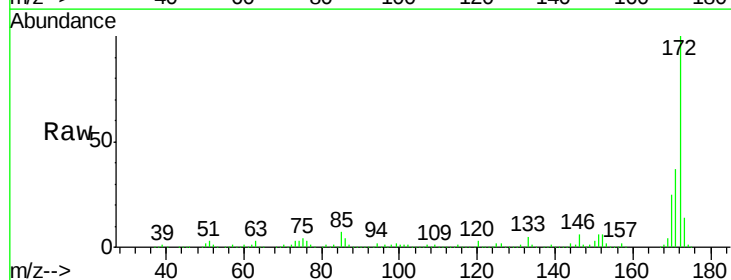


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

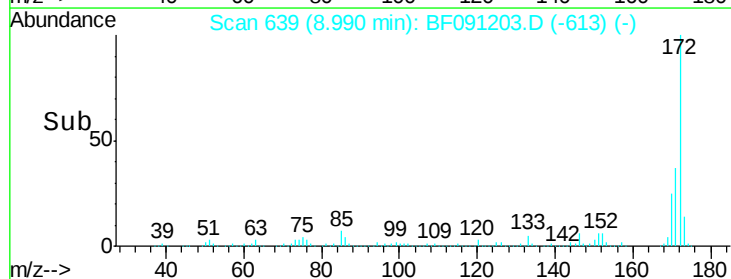
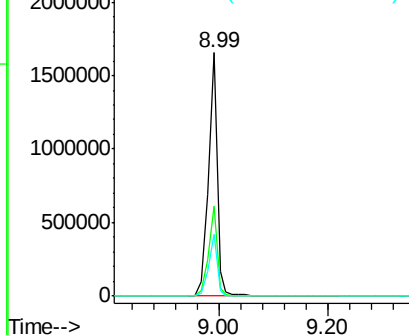


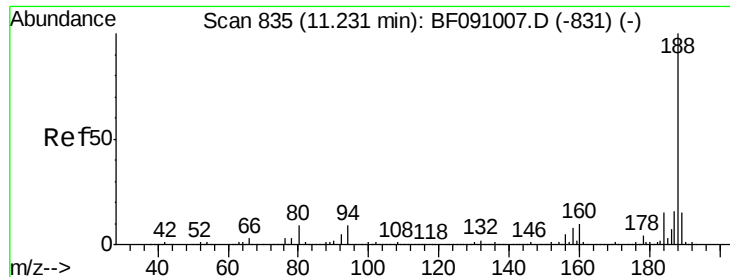
#44
 2-Fluorobiphenyl
 Concen: 82.96 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Tgt Ion:172 Resp: 1866840
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 25.3 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

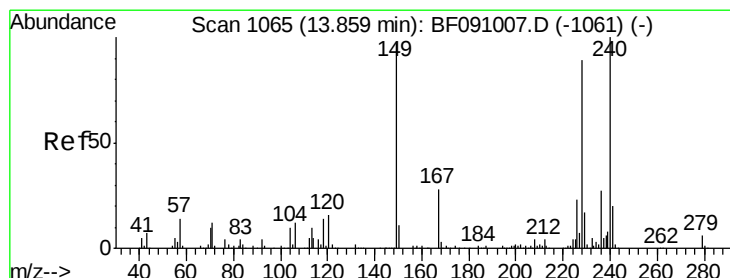
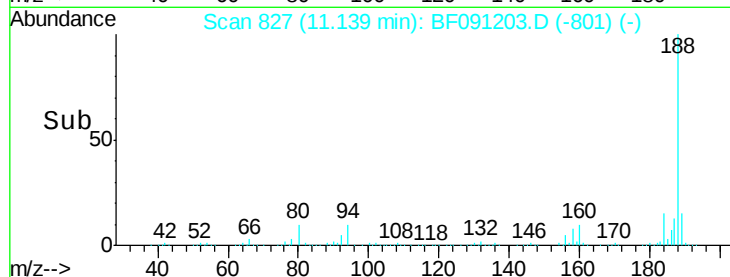
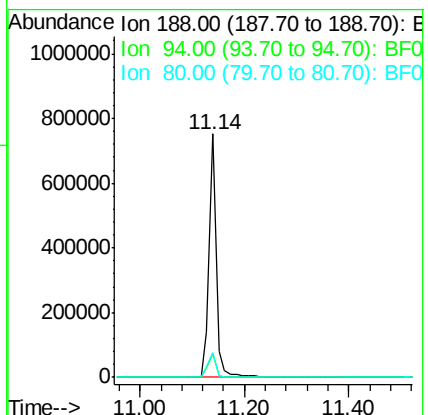
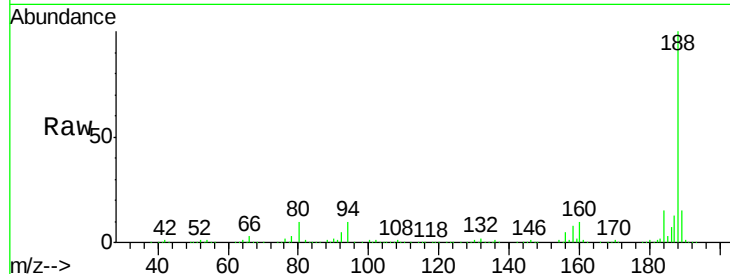




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF091203.D
Acq: 16 Nov 2016 22:12

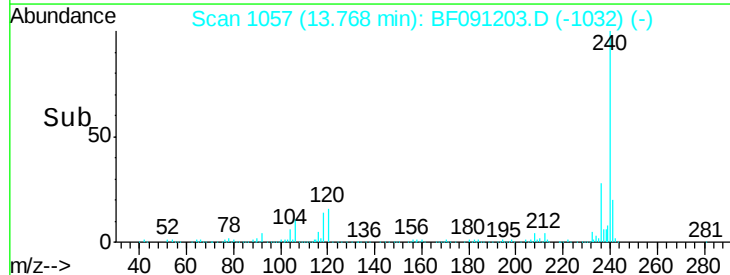
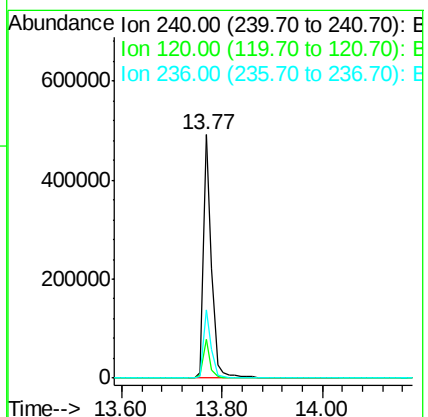
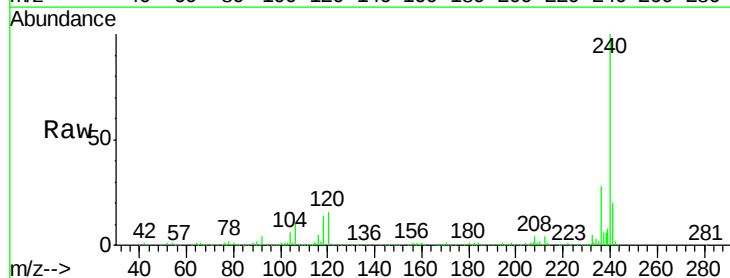
Instrument :
BNA_F
ClientSampleId :
PB94754BL

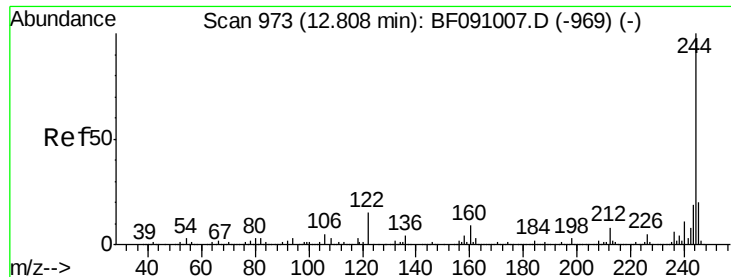
Tgt Ion:188 Resp: 715728
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.3 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF091203.D
Acq: 16 Nov 2016 22:12

Tgt Ion:240 Resp: 547635
Ion Ratio Lower Upper
240 100
120 16.0 12.9 19.3
236 27.9 21.9 32.9

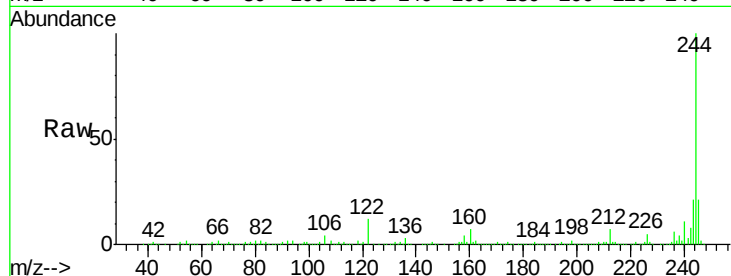




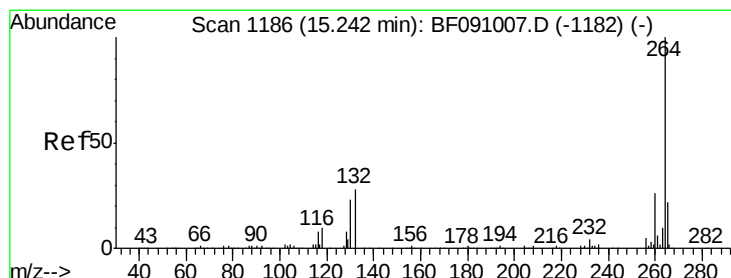
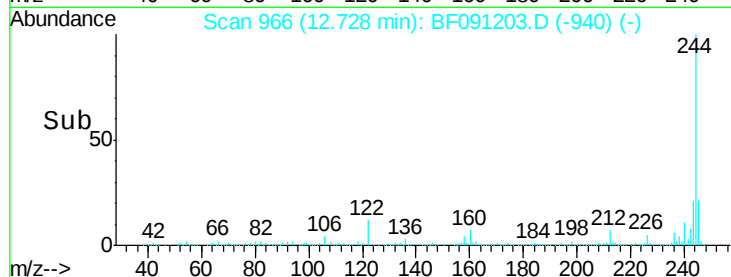
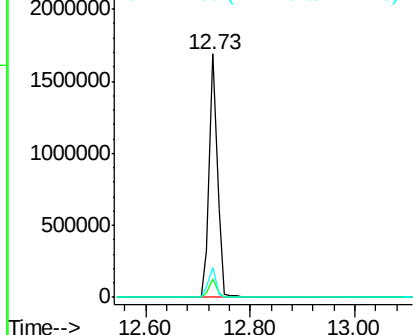
#78
 Terphenyl-d14
 Concen: 84.96 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Instrument :
 BNA_F
 ClientSampleId :
 PB94754BL

Tgt Ion:244 Resp: 1864466
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.4 9.6
 122 12.2 12.3 18.5#

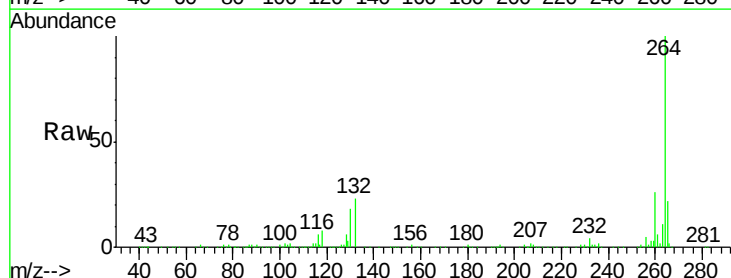


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF091203.D
 Acq: 16 Nov 2016 22:12

Tgt Ion:264 Resp: 374638
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.6 30.8
 265 22.1 17.8 26.8



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

