

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090508.D
 Acq On : 11 Oct 2016 18:08
 Operator : UM/SJ
 Sample : PB93889BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BL

Quant Time: Oct 12 00:56:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	193603	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	767734	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	424160	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	709219	20.00	ng	0.00
75) Chrysene-d12	14.12	240	633652	20.00	ng	-0.01
86) Perylene-d12	15.61	264	523483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1522870	122.37	ng	0.01
7) Phenol-d6	6.58	99	1719826	109.51	ng	-0.01
23) Nitrobenzene-d5	7.51	82	1236678	87.37	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	452002	107.50	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2157785	85.49	ng	0.00
78) Terphenyl-d14	13.07	244	2434332	93.89	ng	-0.01

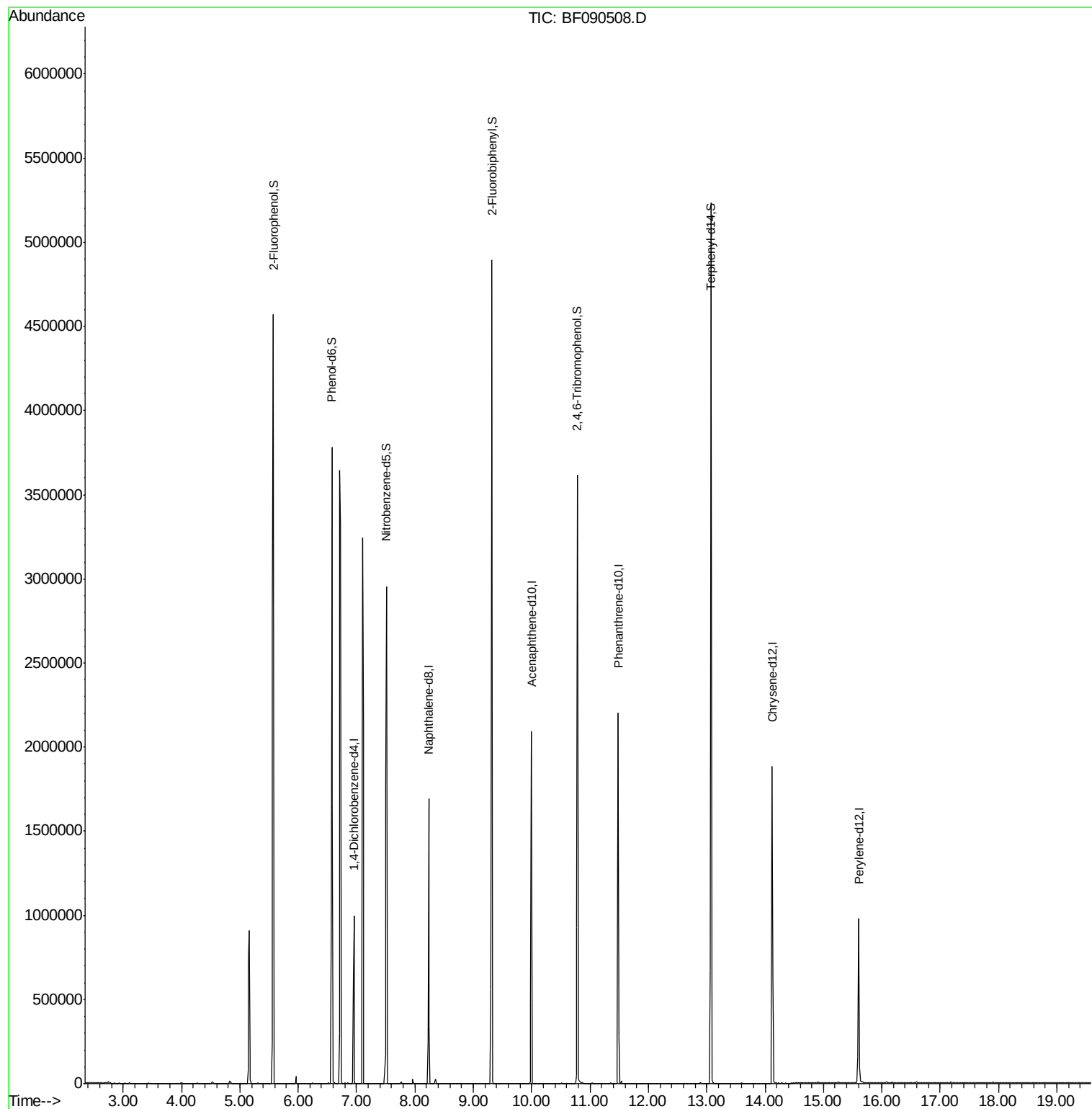
Target Compounds Qvalue

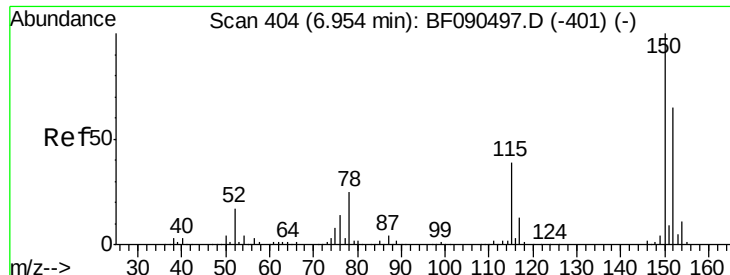
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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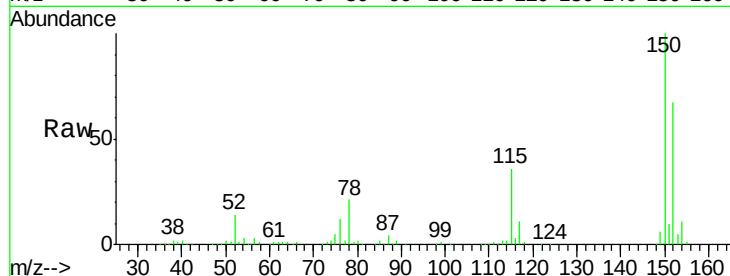




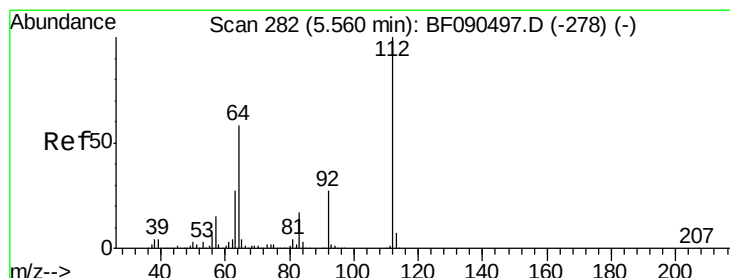
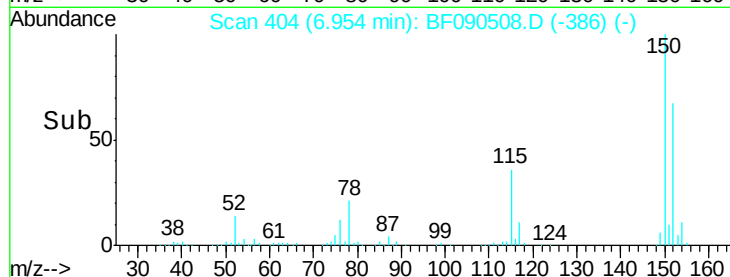
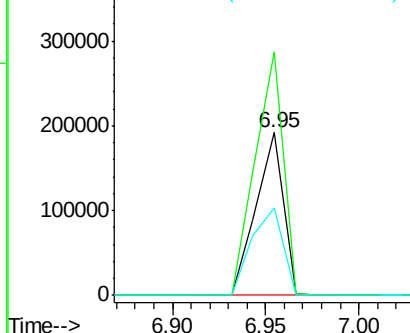
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF090508.D
 Acq: 11 Oct 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB93889BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	124.6	186.8
115	54.2	46.2	69.4

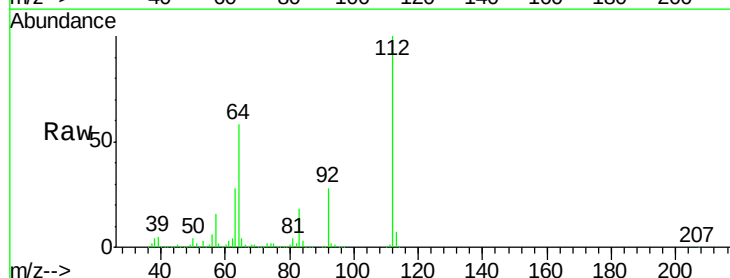


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

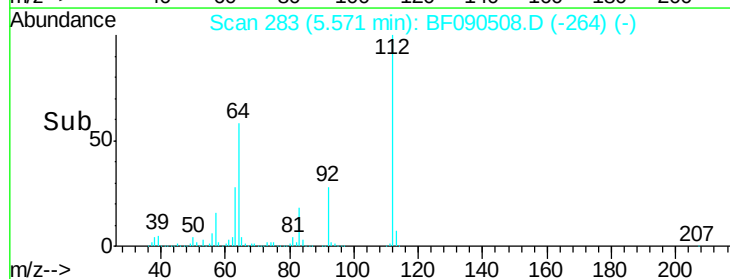
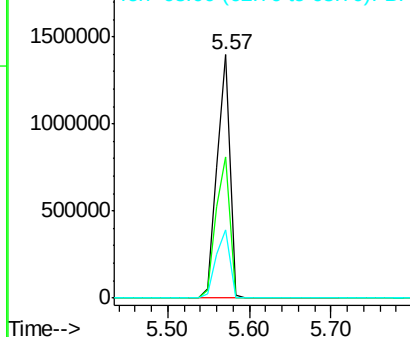


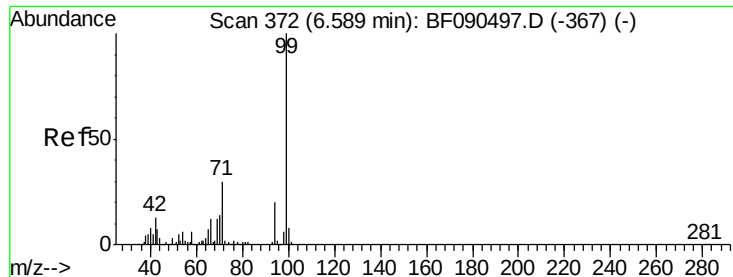
#5
 2-Fluorophenol
 Concen: 122.37 ng
 RT: 5.57 min Scan# 283
 Delta R.T. 0.01 min
 Lab File: BF090508.D
 Acq: 11 Oct 2016 18:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	57.9	86.9#
63	28.0	29.6	44.4#



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: 109.51 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090508.D

Acq: 11 Oct 2016 18:08

Instrument :

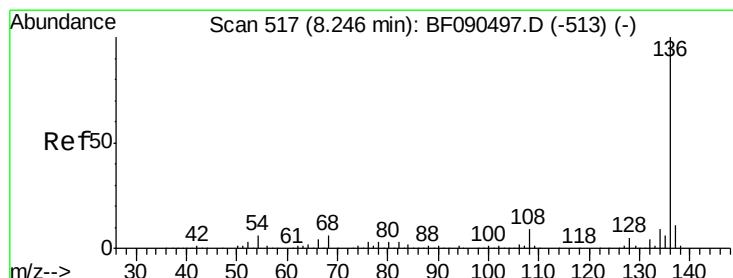
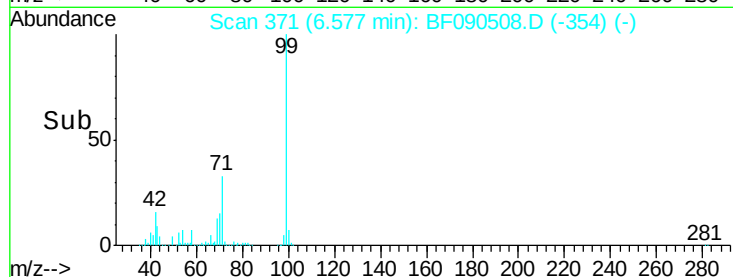
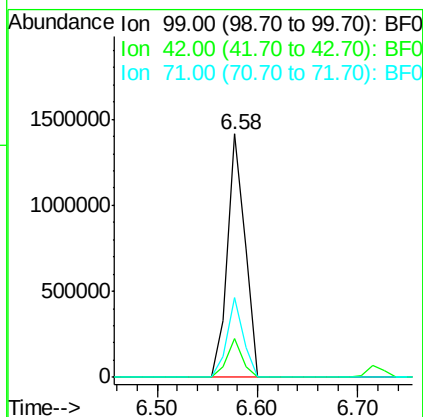
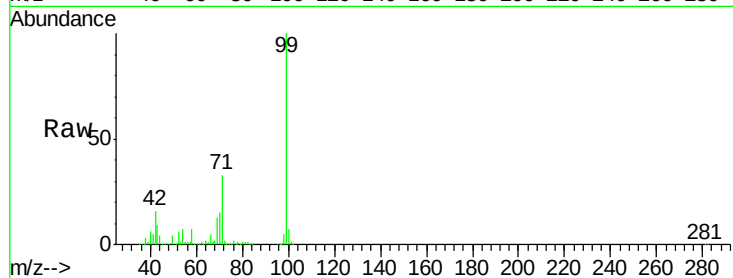
BNA_F

ClientSampleId :

PB93889BL

Tot Ion: 99 Resp: 1719826

Ion	Ratio	Lower	Upper
99	100		
42	16.1	20.0	30.0#
71	32.9	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

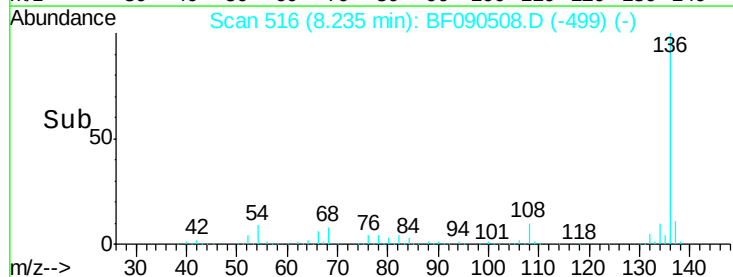
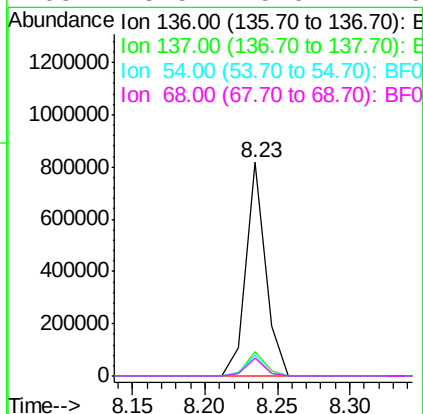
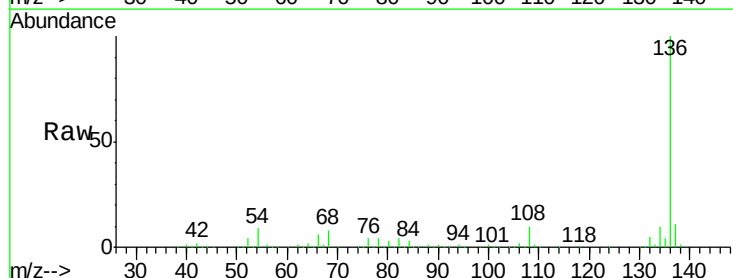
Delta R.T. -0.01 min

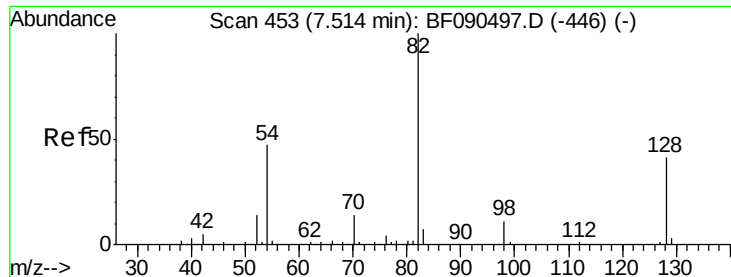
Lab File: BF090508.D

Acq: 11 Oct 2016 18:08

Tgt Ion: 136 Resp: 767734

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.4	6.6	10.0
68	8.5	5.0	7.6#

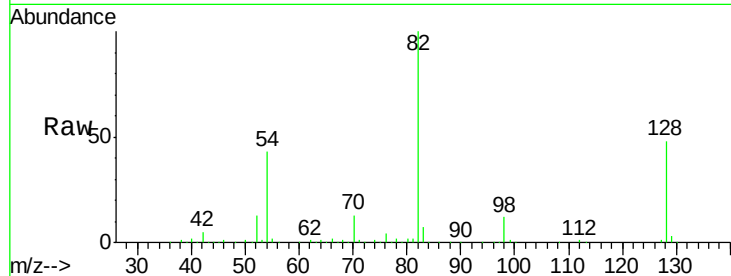




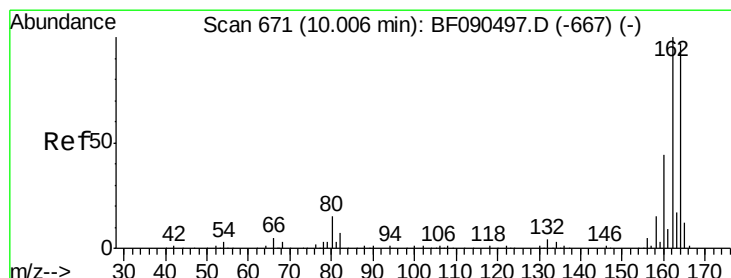
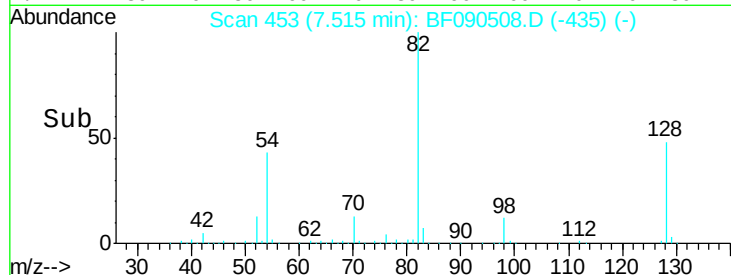
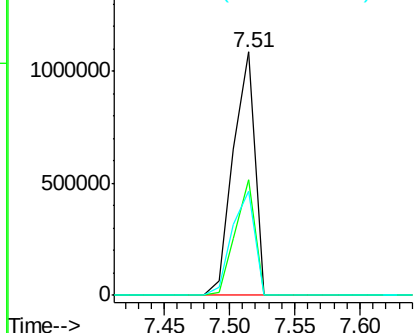
#23
 Nitrobenzene-d5
 Concen: 87.37 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090508.D
 Acq: 11 Oct 2016 18:08

Instrument :
 BNA_F
 ClientSampleID :
 PB93889BL

Tot Ion: 82 Resp: 1236678
 Ion Ratio Lower Upper
 82 100
 128 47.7 40.0 60.0
 54 42.7 42.6 64.0

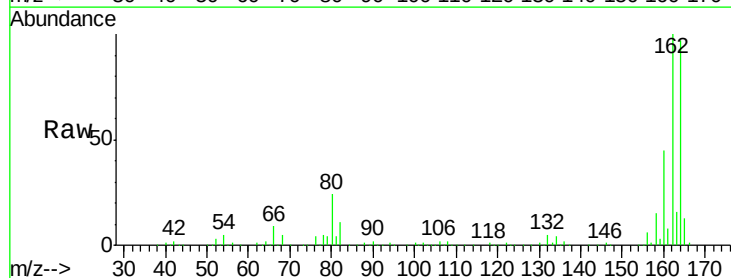


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

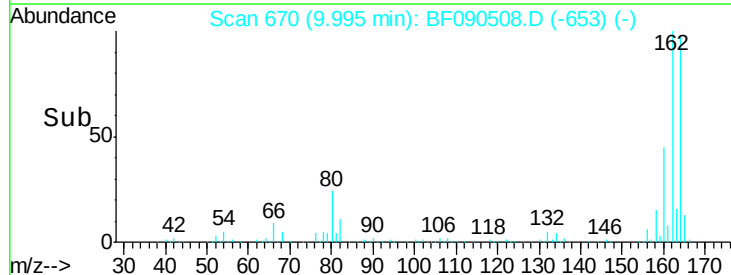
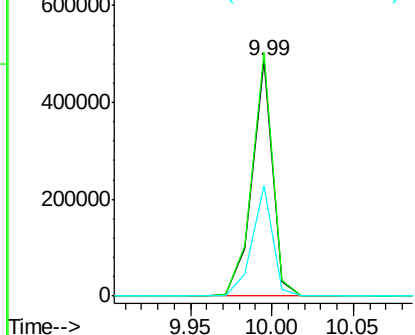


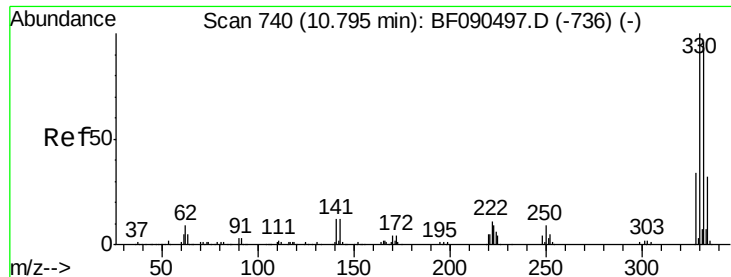
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090508.D
 Acq: 11 Oct 2016 18:08

Tgt Ion:164 Resp: 424160
 Ion Ratio Lower Upper
 164 100
 162 103.3 80.1 120.1
 160 46.7 36.3 54.5



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

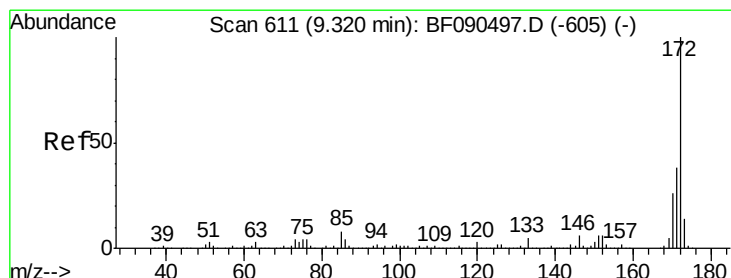
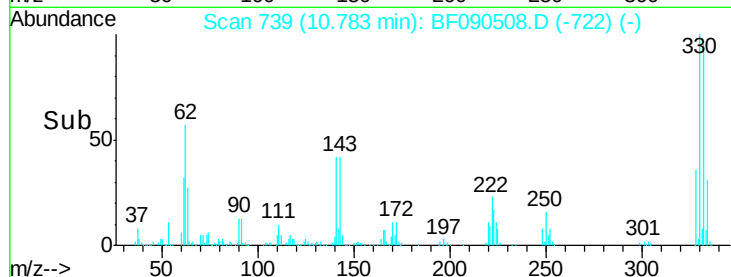
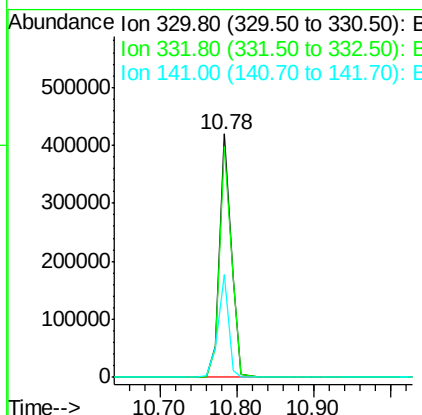
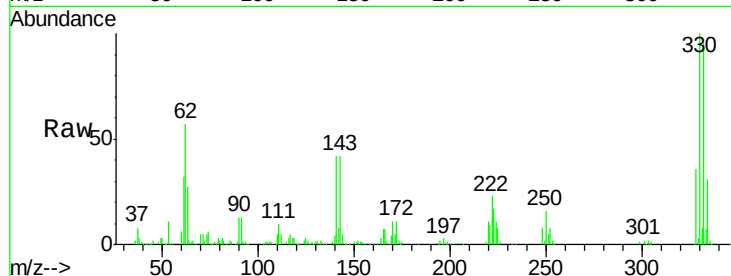




#41
 2,4,6-Tribromophenol
 Concen: 107.50 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090508.D
 Acq: 11 Oct 2016 18:08

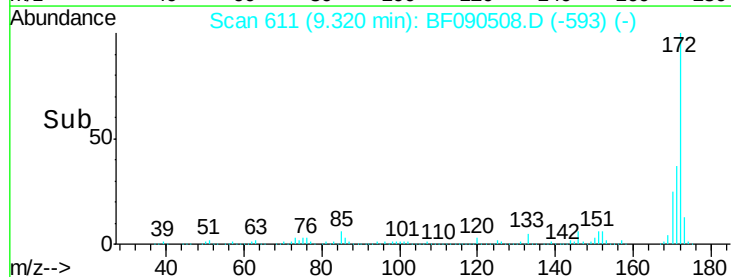
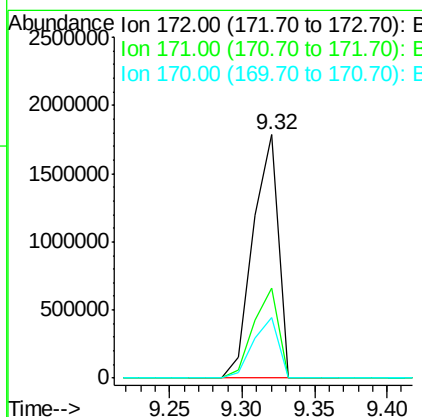
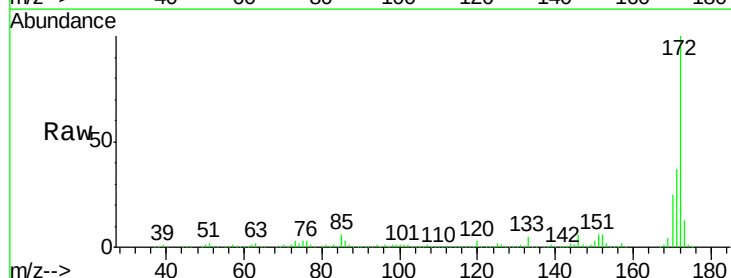
Instrument :
 BNA_F
 ClientSampled :
 PB93889BL

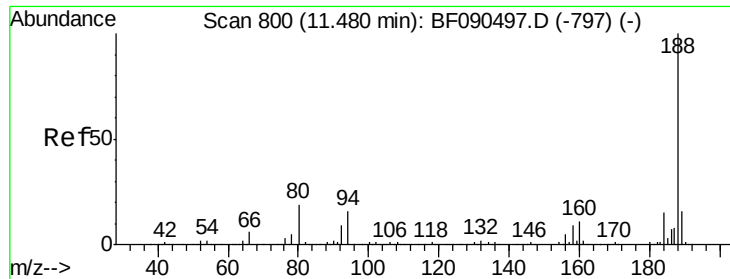
Tot Ion:330 Resp: 452002
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.0
 141 37.8 26.9 40.3



#44
 2-Fluorobiphenyl
 Concen: 85.49 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090508.D
 Acq: 11 Oct 2016 18:08

Tgt Ion:172 Resp: 2157785
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.8 47.8
 170 24.8 21.7 32.5

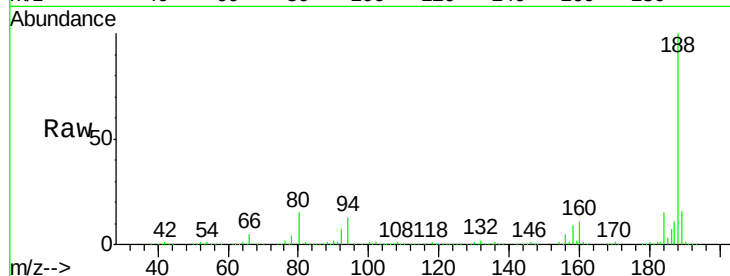




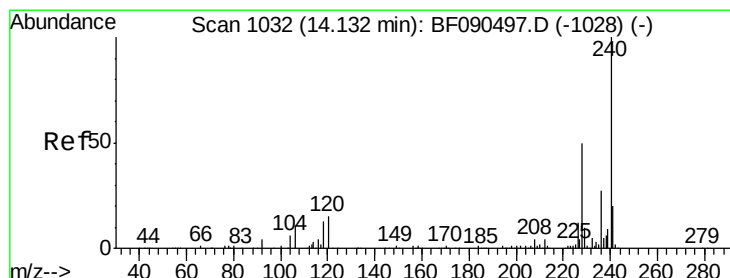
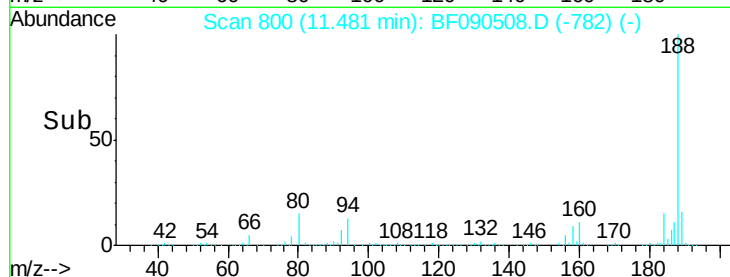
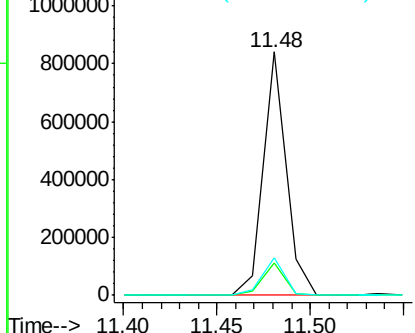
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090508.D
Acq: 11 Oct 2016 18:08

Instrument :
BNA_F
ClientSampled :
PB93889BL

Tot Ion:188 Resp: 709219
Ion Ratio Lower Upper
188 100
94 13.4 8.2 12.2#
80 15.3 8.8 13.2#

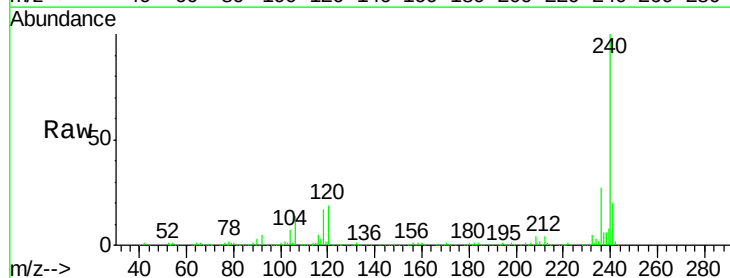


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

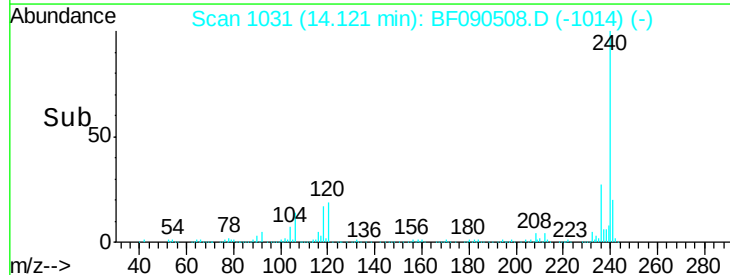
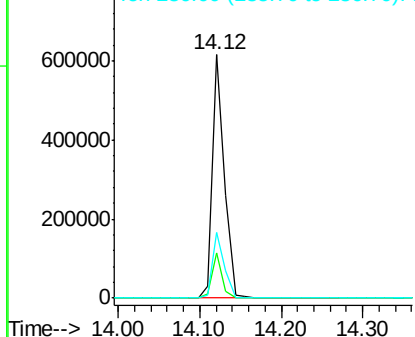


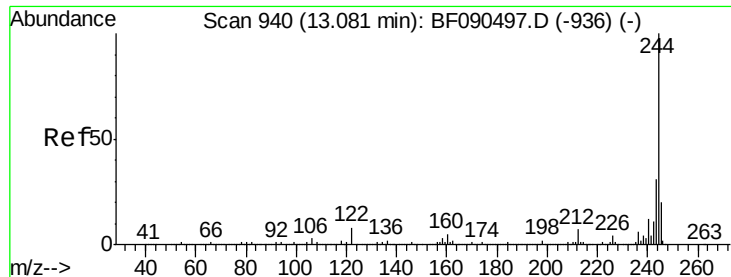
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF090508.D
Acq: 11 Oct 2016 18:08

Tgt Ion:240 Resp: 633652
Ion Ratio Lower Upper
240 100
120 18.6 8.6 13.0#
236 27.1 21.6 32.4



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: 93.89 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF090508.D

Acq: 11 Oct 2016 18:08

Instrument :

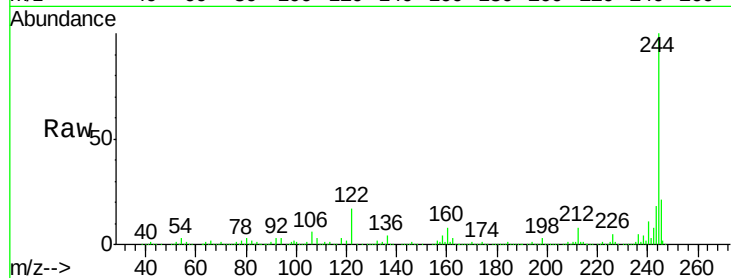
BNA_F

ClientSampleId :

PB93889BL

Tot Ion:244 Resp: 2434332

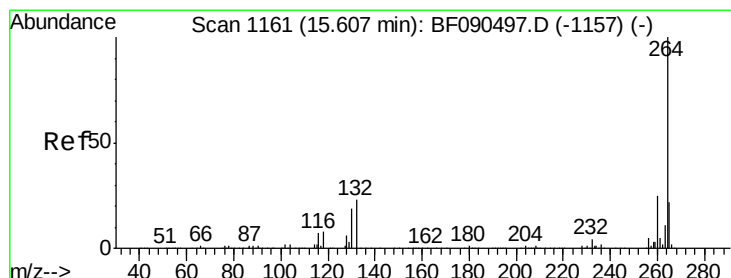
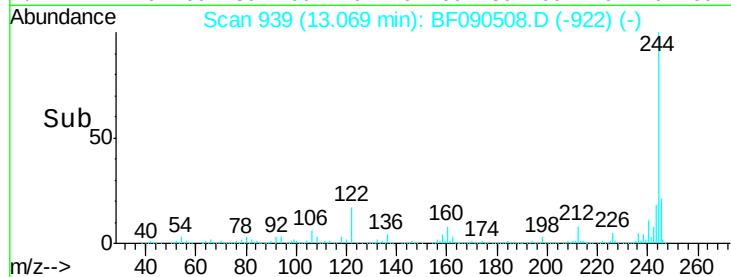
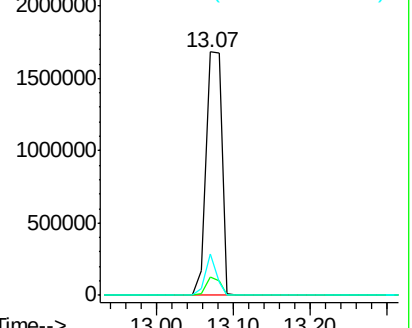
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.8	10.2
122	16.8	13.3	19.9



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: 15.61 min Scan# 1161

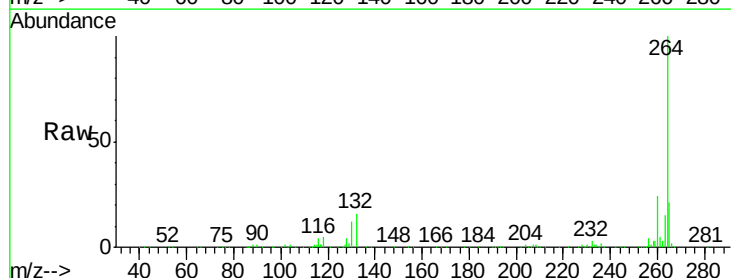
Delta R.T. 0.00 min

Lab File: BF090508.D

Acq: 11 Oct 2016 18:08

Tgt Ion:264 Resp: 523483

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.3	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

