

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090510.D
 Acq On : 11 Oct 2016 19:03
 Operator : UM/SJ
 Sample : PB93889TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93889TB

Quant Time: Oct 12 00:57:23 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	179283	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	734079	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	400574	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	665048	20.00	ng	0.00
75) Chrysene-d12	14.12	240	621899	20.00	ng	-0.01
86) Perylene-d12	15.60	264	506592	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1672573	145.14	ng	0.01
7) Phenol-d6	6.58	99	2011094	138.29	ng	-0.01
23) Nitrobenzene-d5	7.51	82	1347743	99.58	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	523466	131.83	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2333674	97.90	ng	0.00
78) Terphenyl-d14	13.08	244	2816163	110.66	ng	0.00

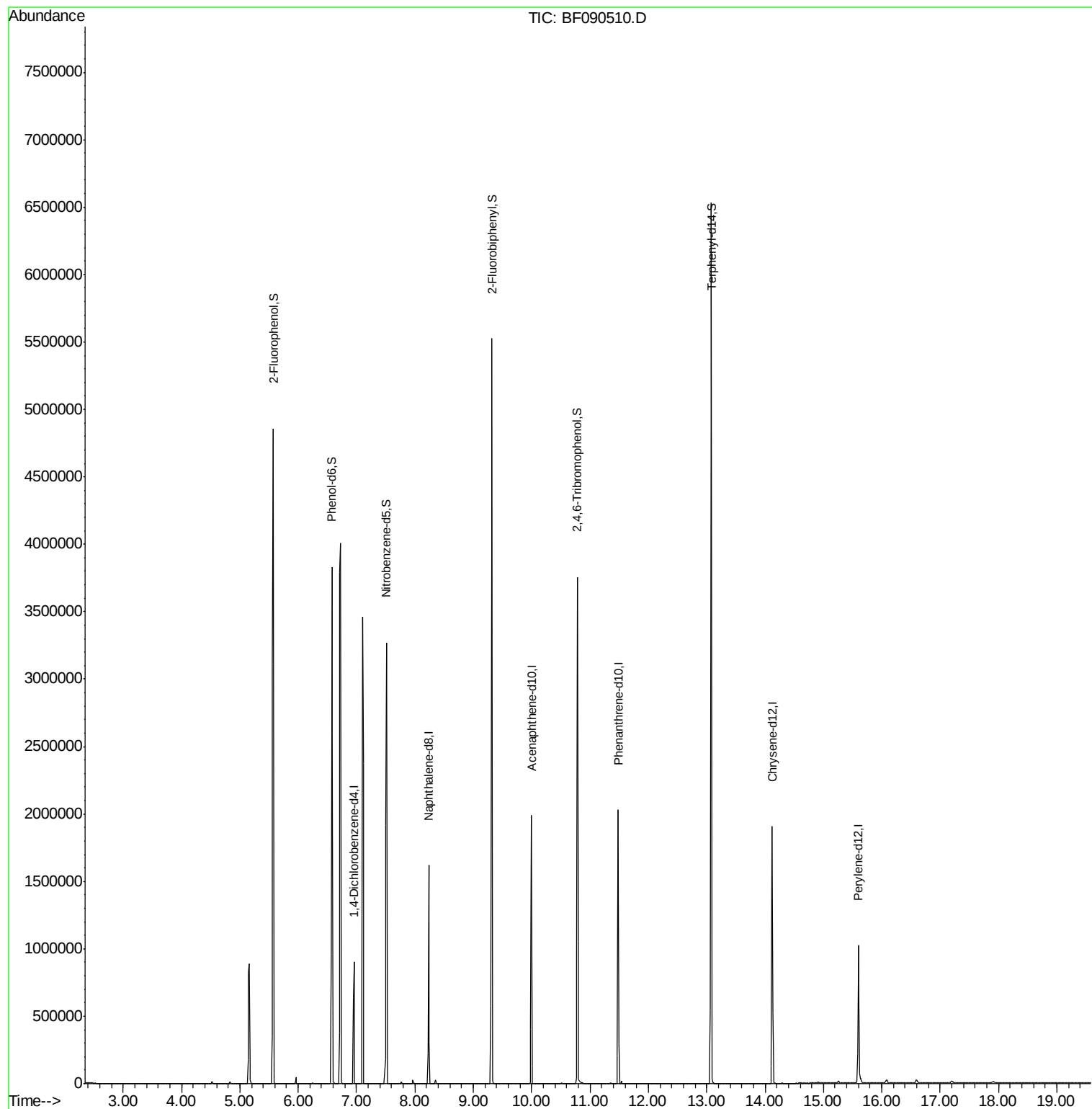
Target Compounds Qvalue

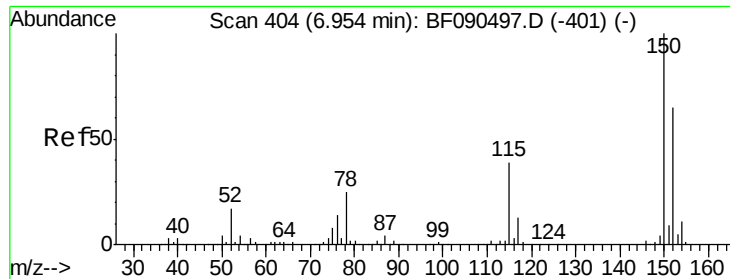
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090510.D

Acq: 11 Oct 2016 19:03

Instrument :

BNA_F

ClientSampleId :

PB93889TB

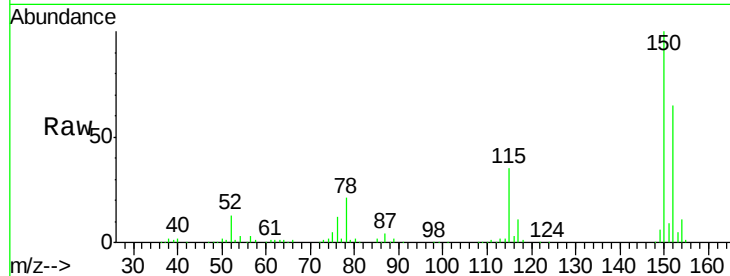
Tot Ion:152 Resp: 179283

Ion Ratio Lower Upper

152 100

150 154.7 124.6 186.8

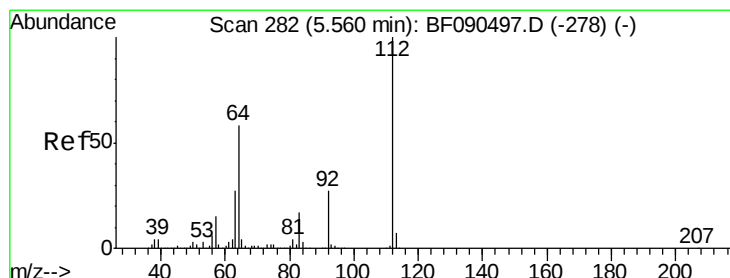
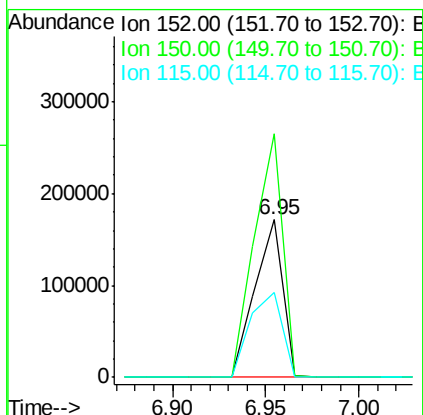
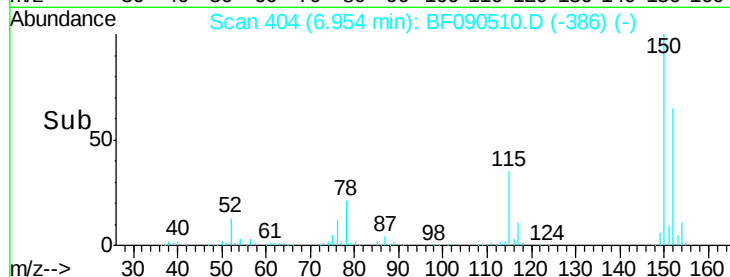
115 53.8 46.2 69.4



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: 145.14 ng

RT: 5.57 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF090510.D

Acq: 11 Oct 2016 19:03

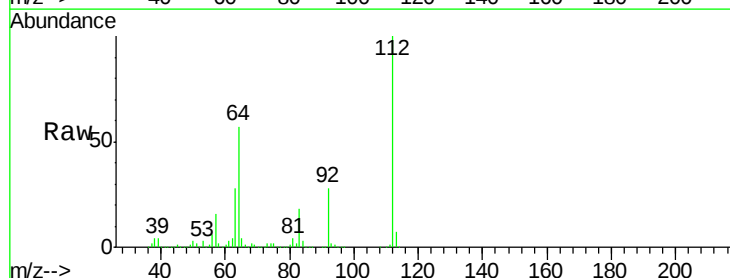
Tgt Ion:112 Resp: 1672573

Ion Ratio Lower Upper

112 100

64 57.4 57.9 86.9#

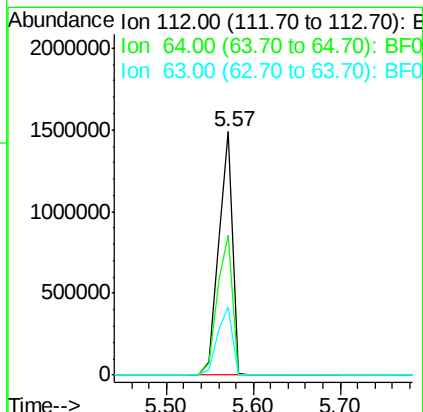
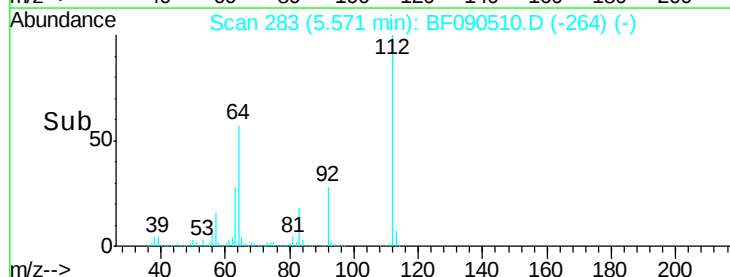
63 27.9 29.6 44.4#

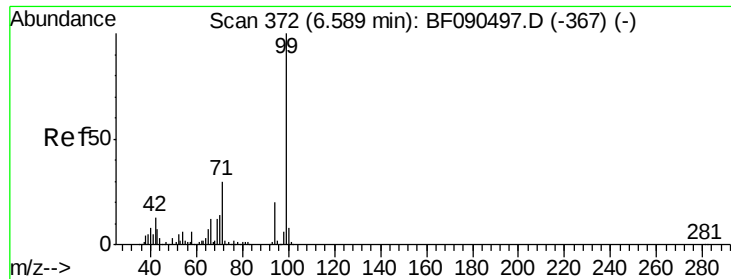


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.29 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090510.D

Acq: 11 Oct 2016 19:03

Instrument :

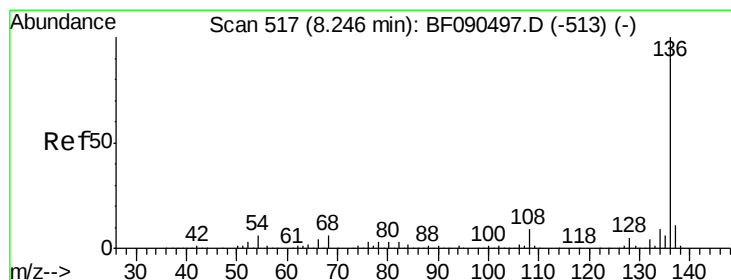
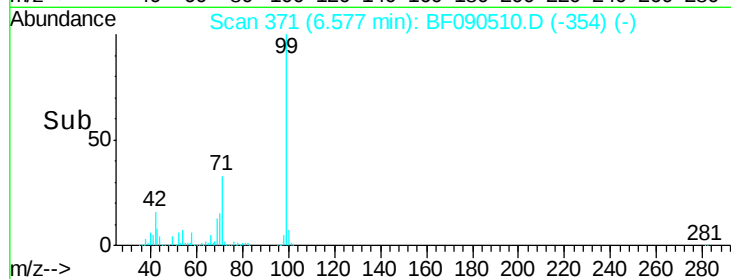
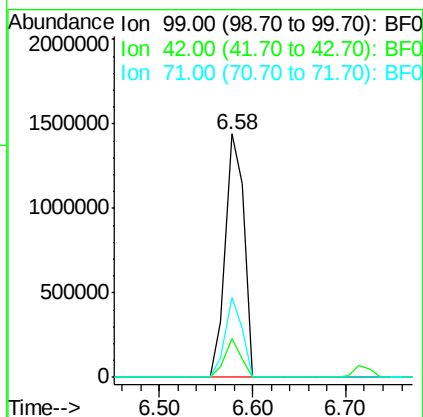
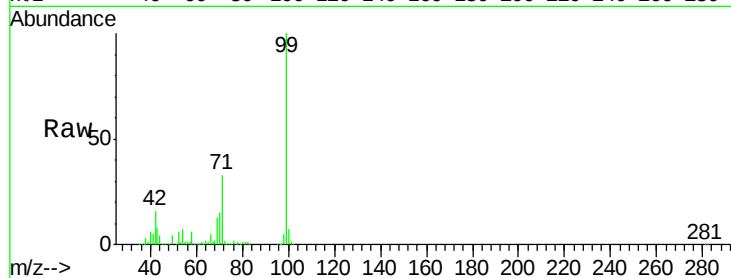
BNA_F

ClientSampleId :

PB93889TB

Tot Ion: 99 Resp: 2011094

Ion	Ratio	Lower	Upper
99	100		
42	15.7	20.0	30.0#
71	32.9	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

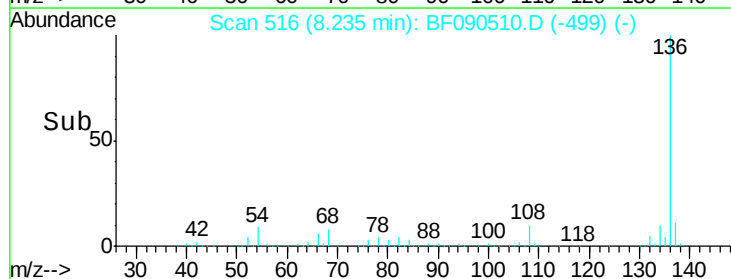
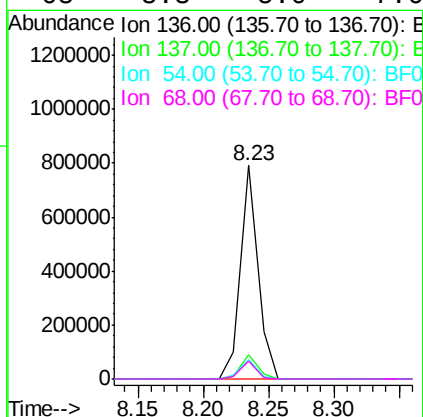
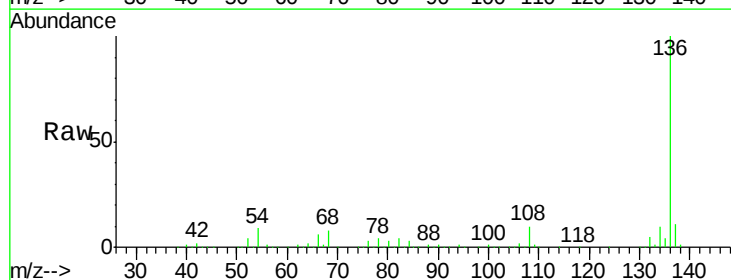
Delta R.T. -0.01 min

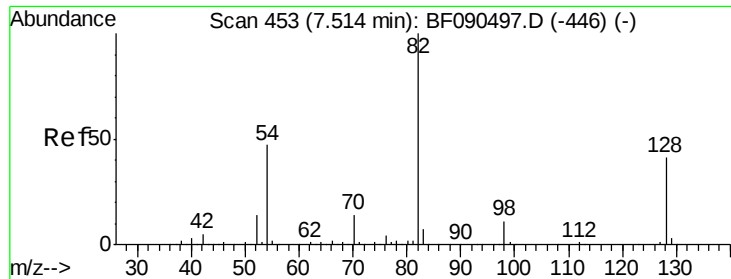
Lab File: BF090510.D

Acq: 11 Oct 2016 19:03

Tgt Ion: 136 Resp: 734079

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.0	6.6	10.0
68	8.3	5.0	7.6#

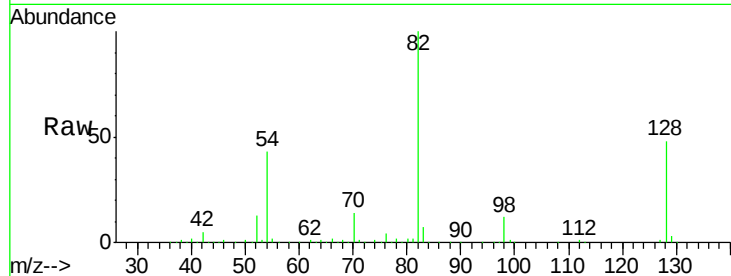




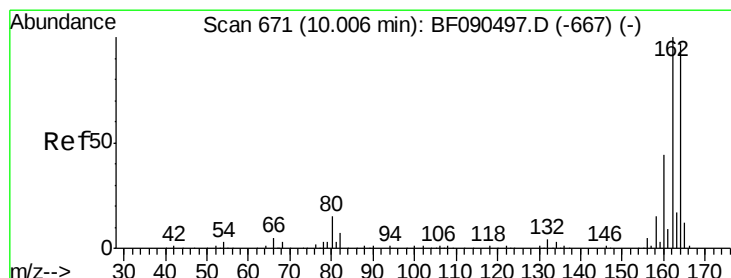
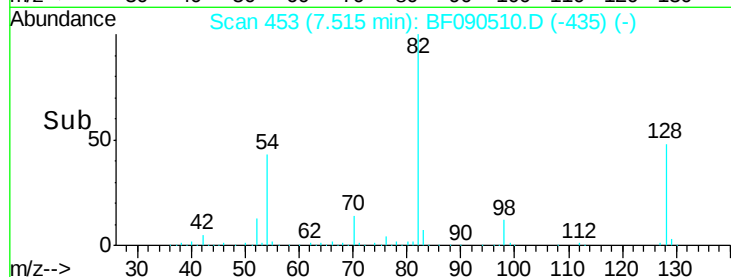
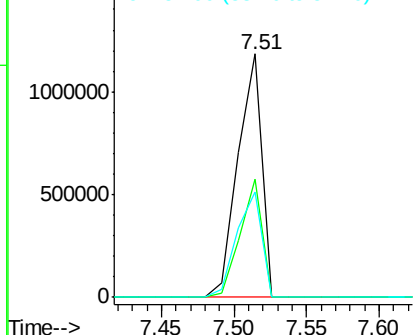
#23
 Nitrobenzene-d5
 Concen: 99.58 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090510.D
 Acq: 11 Oct 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB93889TB

Tot Ion: 82 Resp: 1347743
 Ion Ratio Lower Upper
 82 100
 128 48.5 40.0 60.0
 54 43.5 42.6 64.0

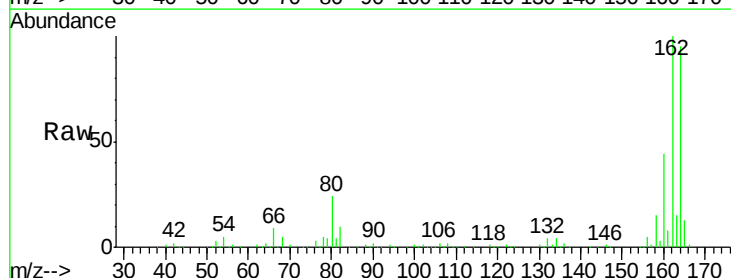


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

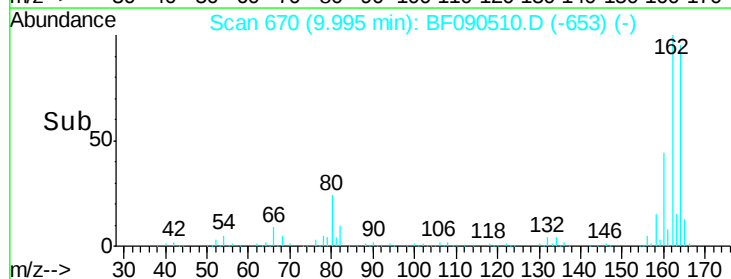
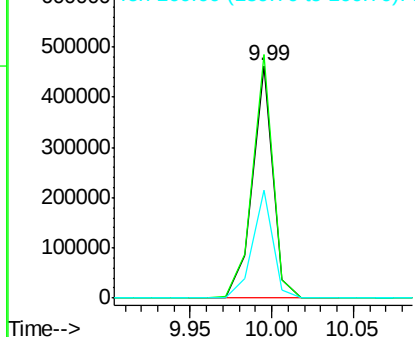


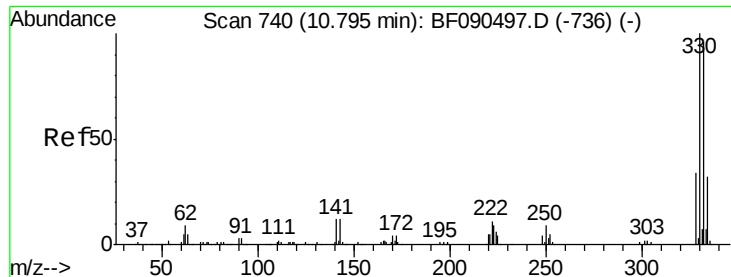
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090510.D
 Acq: 11 Oct 2016 19:03

Tgt Ion:164 Resp: 400574
 Ion Ratio Lower Upper
 164 100
 162 104.9 80.1 120.1
 160 46.4 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

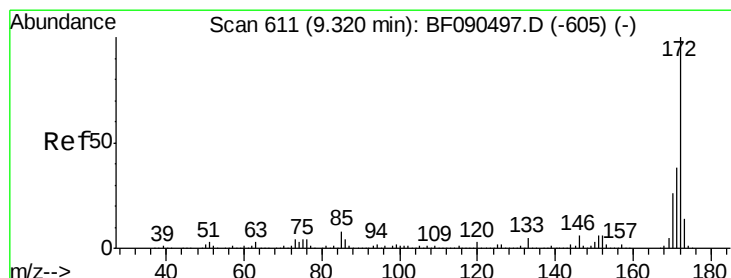
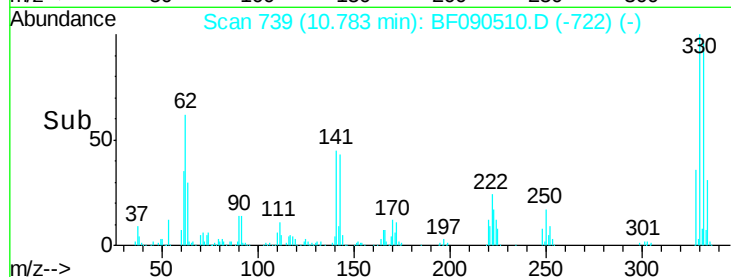
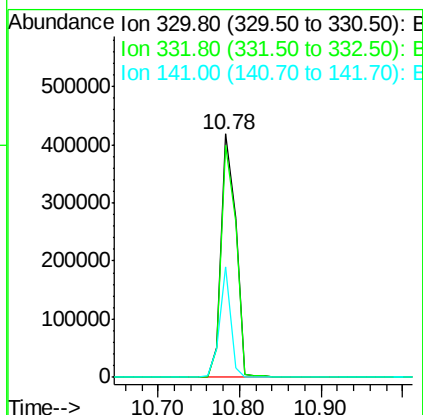
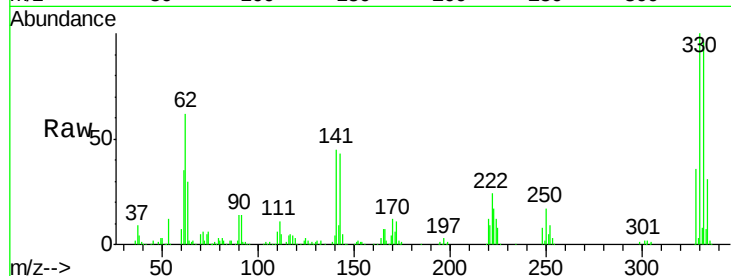




#41
 2,4,6-Tribromophenol
 Concen: 131.83 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090510.D
 Acq: 11 Oct 2016 19:03

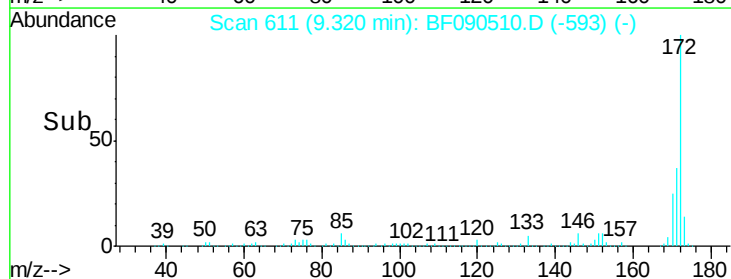
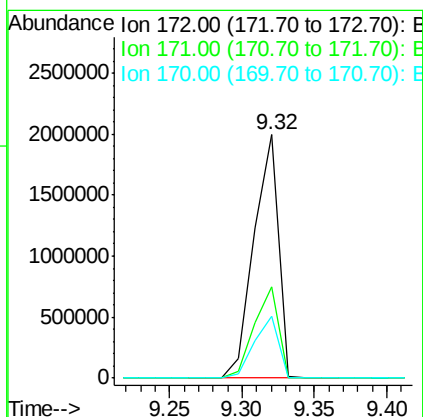
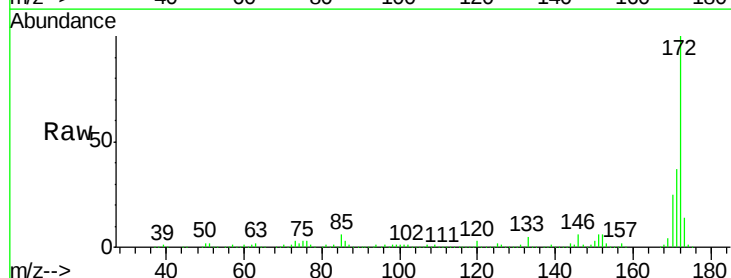
Instrument :
 BNA_F
 ClientSampleId :
 PB93889TB

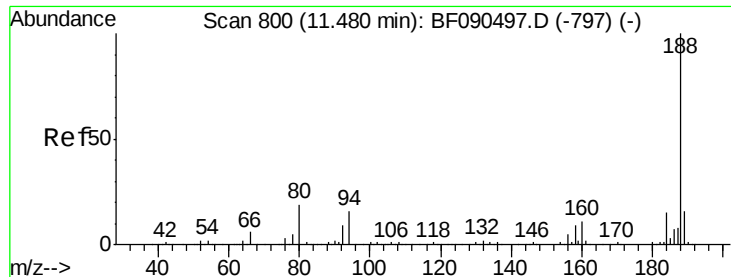
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.0
141	34.5	26.9	40.3



#44
 2-Fluorobiphenyl
 Concen: 97.90 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090510.D
 Acq: 11 Oct 2016 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.8	47.8
170	25.3	21.7	32.5

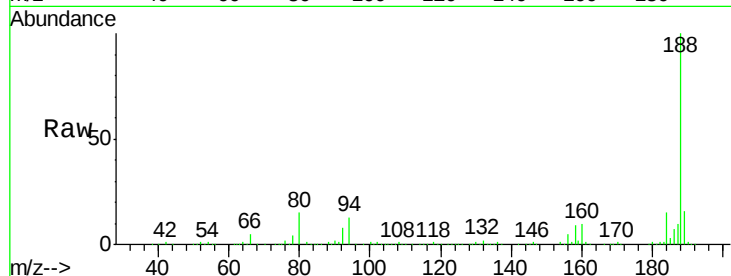




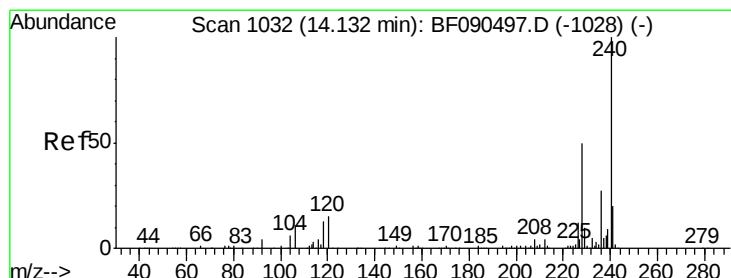
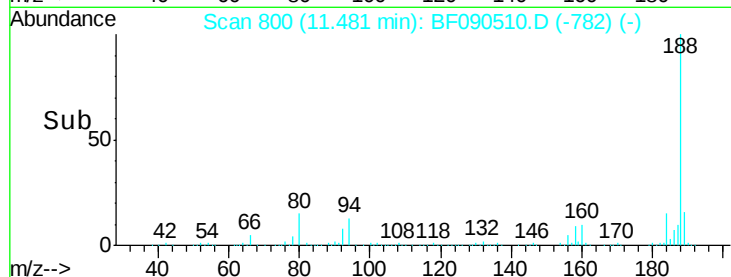
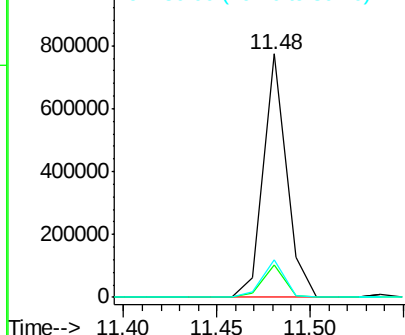
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090510.D
Acq: 11 Oct 2016 19:03

Instrument :
BNA_F
ClientSampleId :
PB93889TB

Tot Ion:188 Resp: 665048
Ion Ratio Lower Upper
188 100
94 13.5 8.2 12.2#
80 15.2 8.8 13.2#

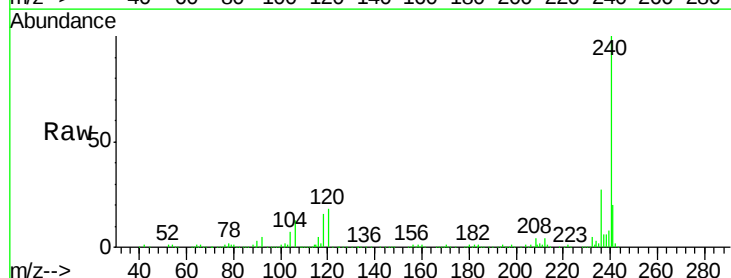


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

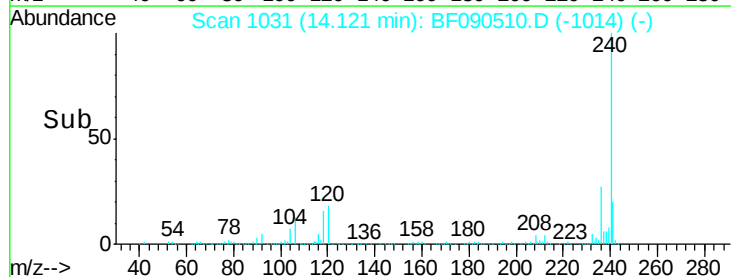
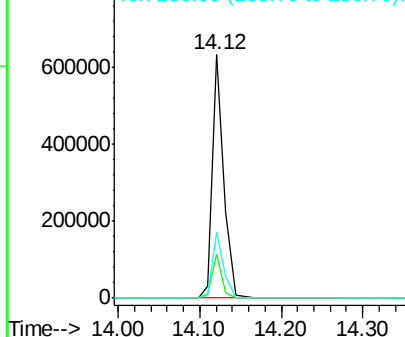


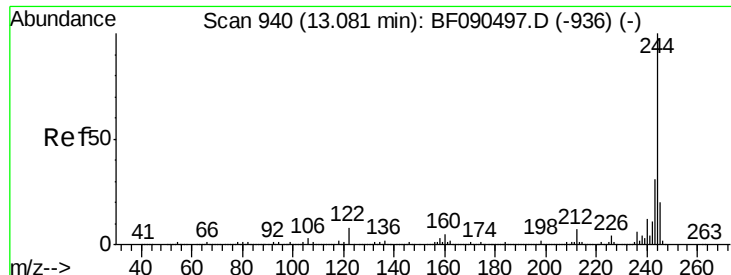
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF090510.D
Acq: 11 Oct 2016 19:03

Tgt Ion:240 Resp: 621899
Ion Ratio Lower Upper
240 100
120 18.2 8.6 13.0#
236 27.2 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



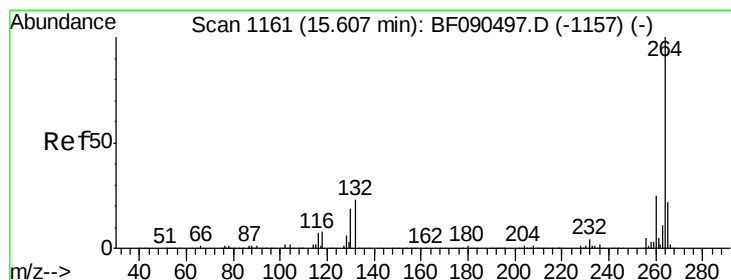
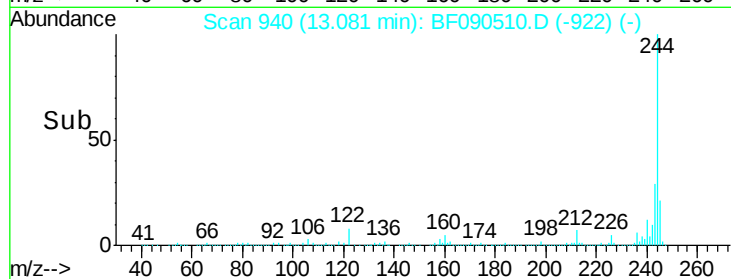
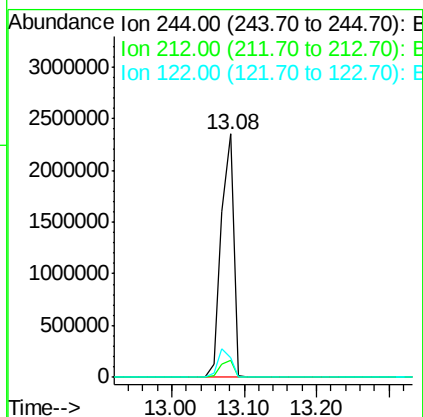
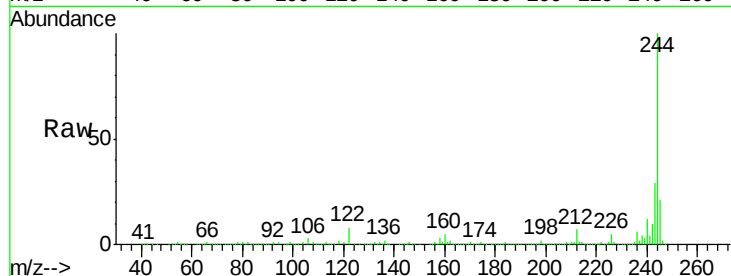


#78
 Terphenyl-d14
 Concen: 110.66 ng
 RT: 13.08 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF090510.D
 Acq: 11 Oct 2016 19:03

Instrument :
 BNA_F
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 PB93889TB

Tot Ion:244 Resp: 2816163

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.8	10.2
122	8.2	13.3	19.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF090510.D
 Acq: 11 Oct 2016 19:03

Tgt Ion:264 Resp: 506592

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	21.4	17.4	26.0

