

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090507.D
 Acq On : 11 Oct 2016 17:41
 Operator : UM/SJ
 Sample : PB93841BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93841BL

Quant Time: Oct 11 18:57:00 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	272130	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	1047634	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	577547	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	954886	20.00	ng	0.00
75) Chrysene-d12	14.12	240	935052	20.00	ng	-0.01
86) Perylene-d12	15.61	264	746291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1494932	85.46	ng	0.01
7) Phenol-d6	6.58	99	1711515	77.54	ng	-0.01
23) Nitrobenzene-d5	7.51	82	1220567	63.19	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	438443	76.58	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2111768	61.45	ng	0.00
78) Terphenyl-d14	13.08	244	2459876	64.29	ng	0.00

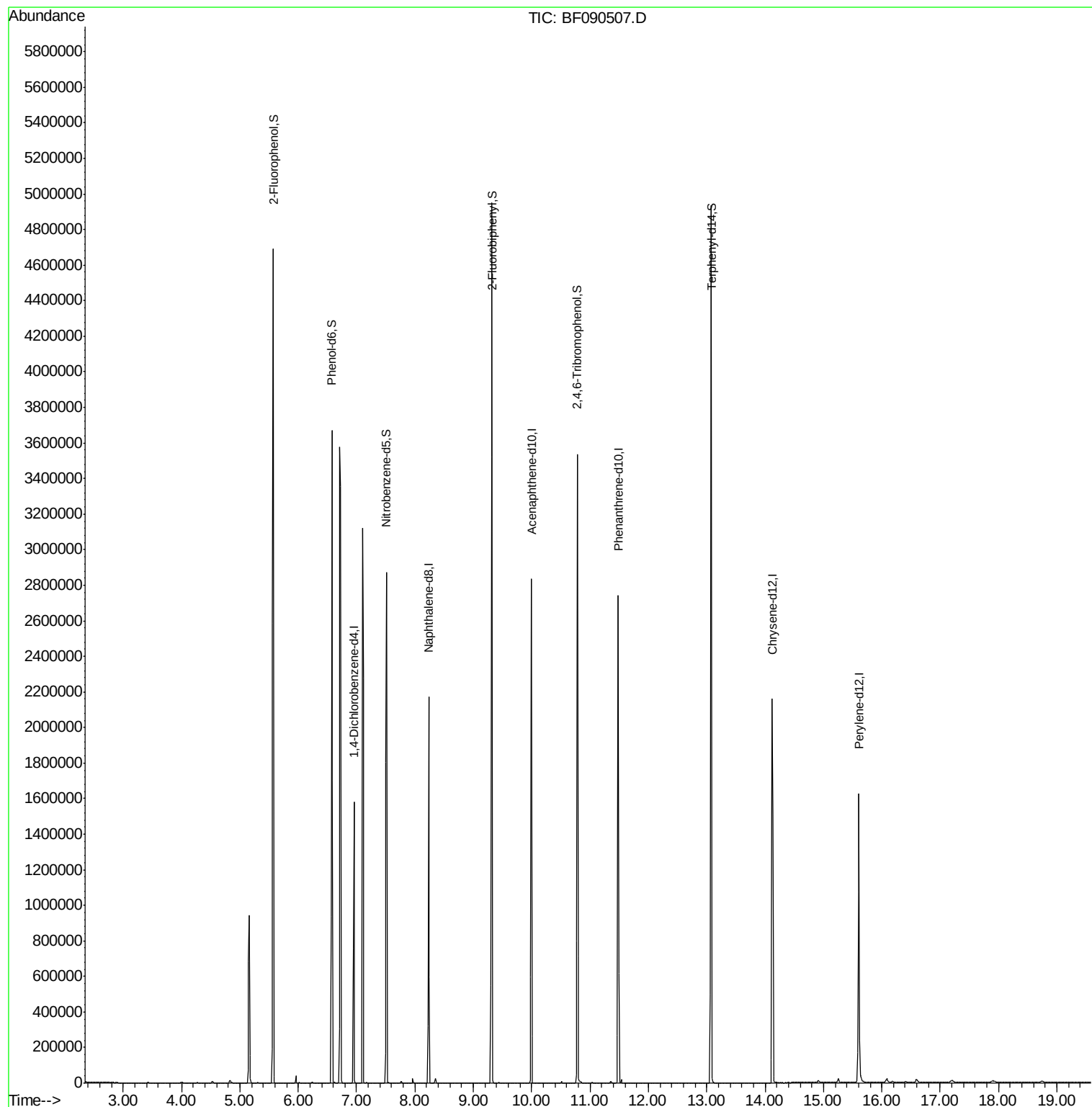
Target Compounds Qvalue

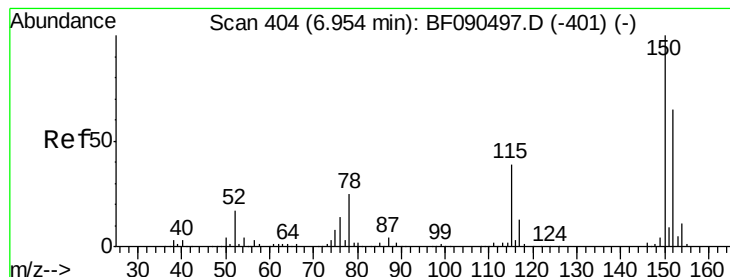
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090507.D

Acq: 11 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

PB93841BL

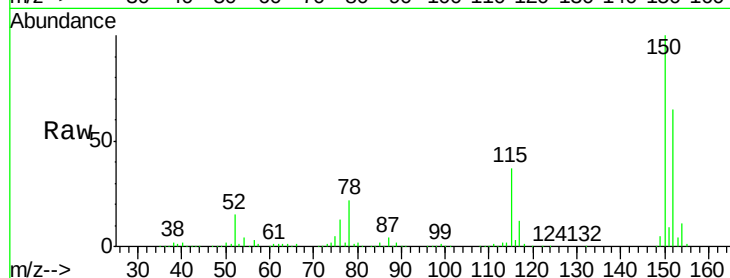
Tot Ion:152 Resp: 272130

Ion Ratio Lower Upper

152 100

150 154.9 124.6 186.8

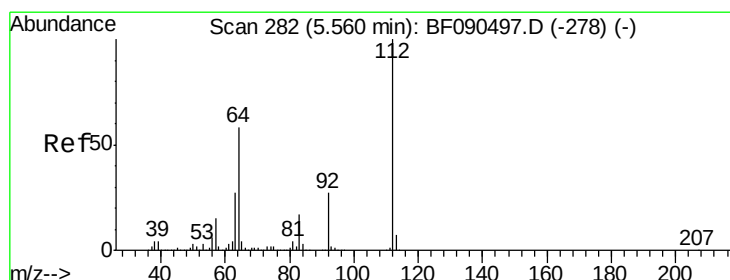
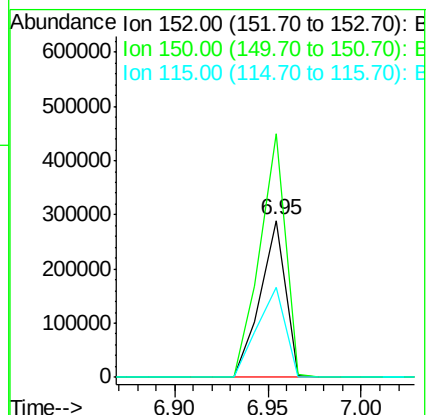
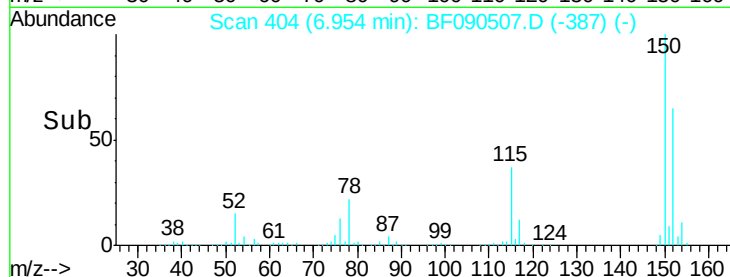
115 57.5 46.2 69.4



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: 85.46 ng

RT: 5.57 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF090507.D

Acq: 11 Oct 2016 17:41

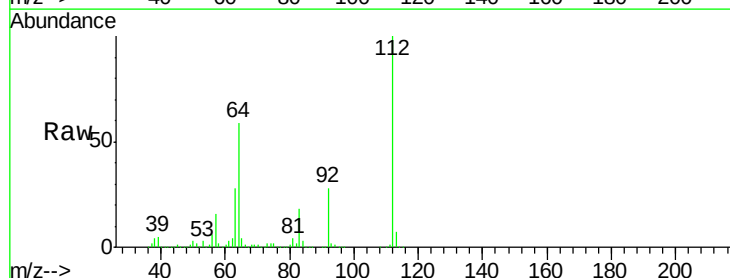
Tgt Ion:112 Resp: 1494932

Ion Ratio Lower Upper

112 100

64 58.7 57.9 86.9

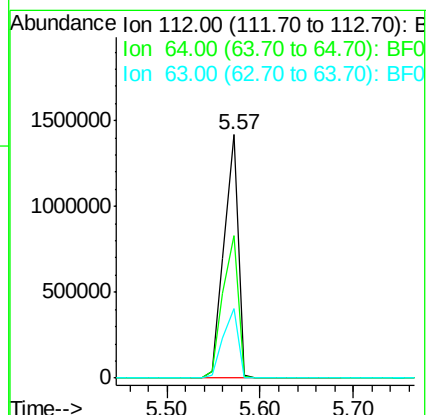
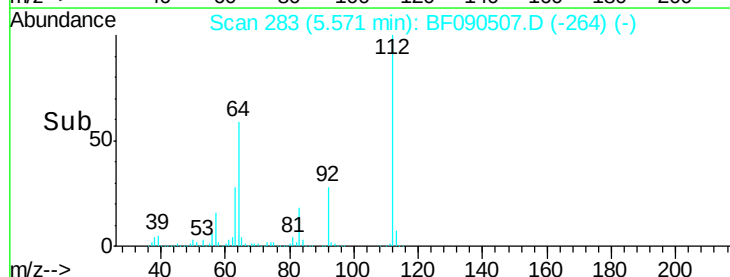
63 28.4 29.6 44.4#

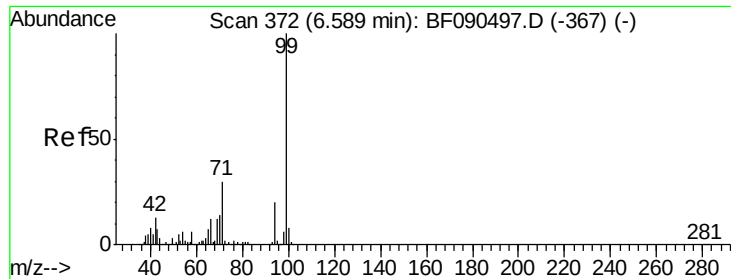


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 77.54 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090507.D

Acq: 11 Oct 2016 17:41

Instrument :

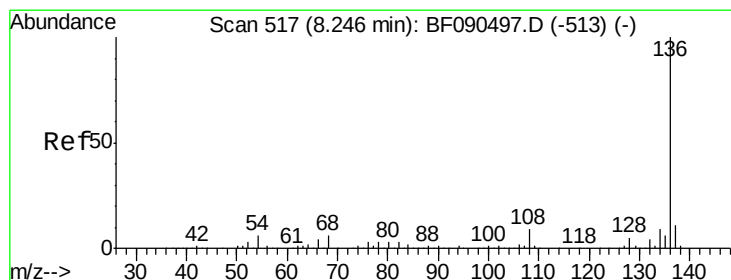
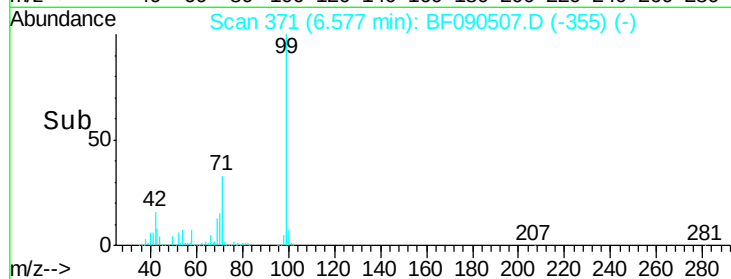
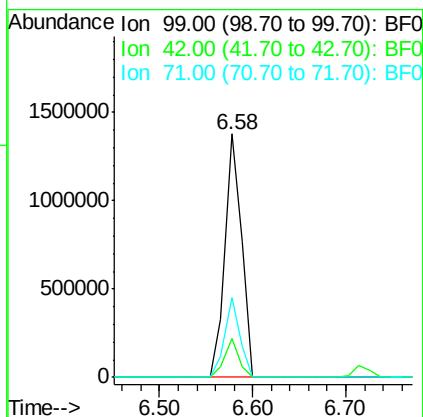
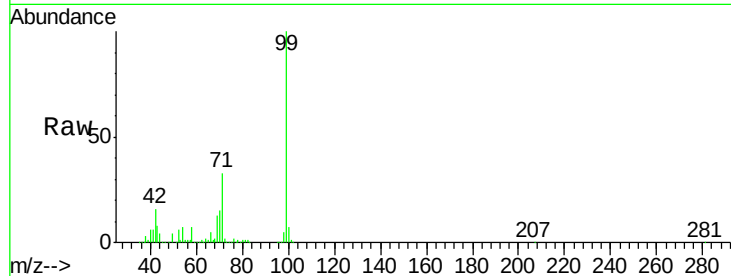
BNA_F

ClientSampleId :

PB93841BL

Tot Ion: 99 Resp: 1711515

Ion	Ratio	Lower	Upper
99	100		
42	15.8	20.0	30.0#
71	33.0	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

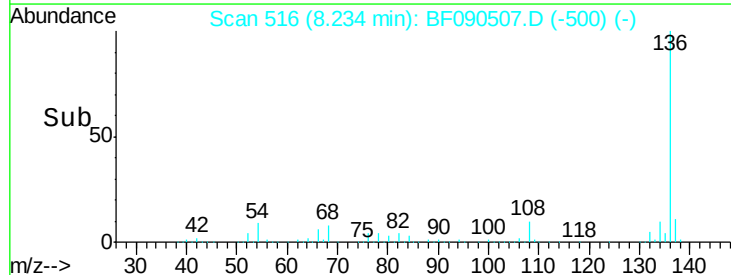
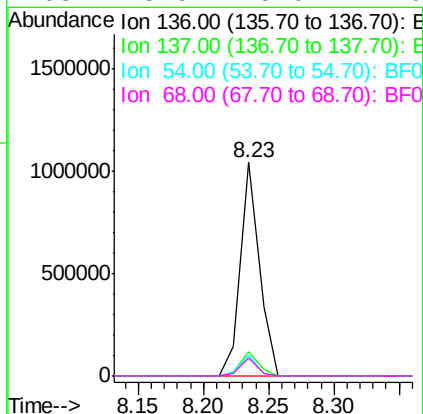
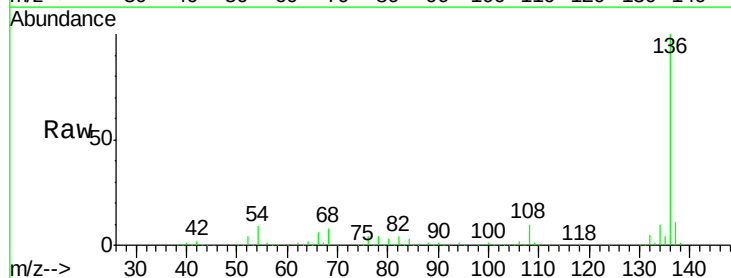
Delta R.T. -0.01 min

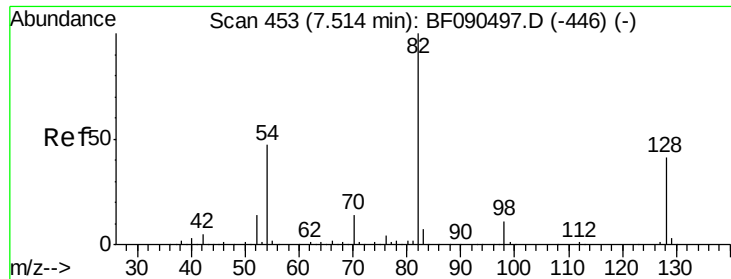
Lab File: BF090507.D

Acq: 11 Oct 2016 17:41

Tgt Ion: 136 Resp: 1047634

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.4	6.6	10.0
68	8.5	5.0	7.6#





#23

Nitrobenzene-d5

Concen: 63.19 ng

RT: 7.51 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF090507.D

Acq: 11 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

PB93841BL

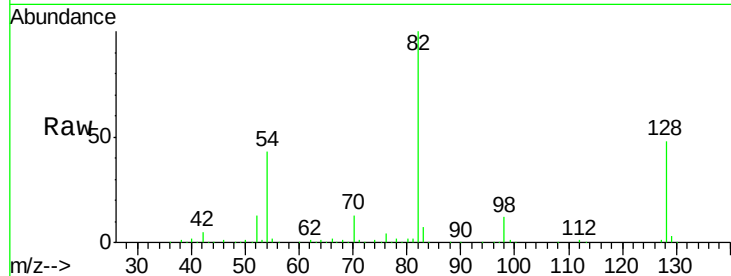
Tot Ion: 82 Resp: 1220567

Ion Ratio Lower Upper

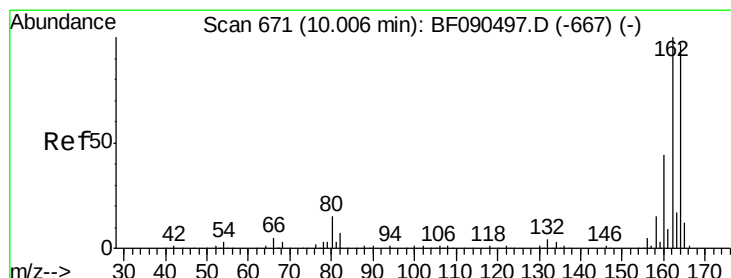
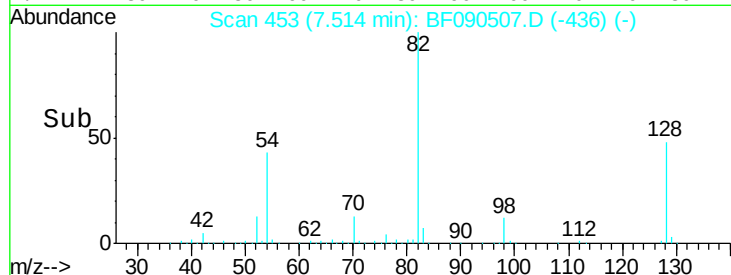
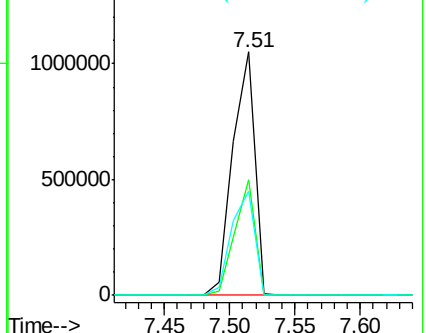
82 100

128 47.5 40.0 60.0

54 42.9 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: BF090507.D

Acq: 11 Oct 2016 17:41

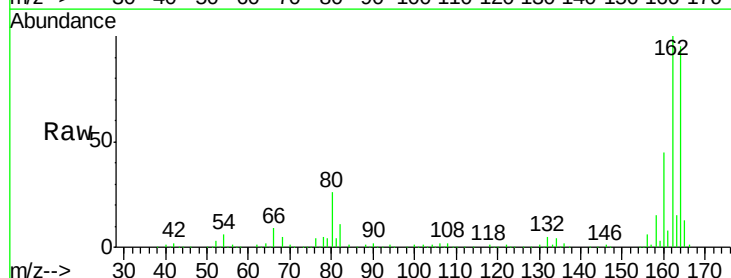
Tgt Ion:164 Resp: 577547

Ion Ratio Lower Upper

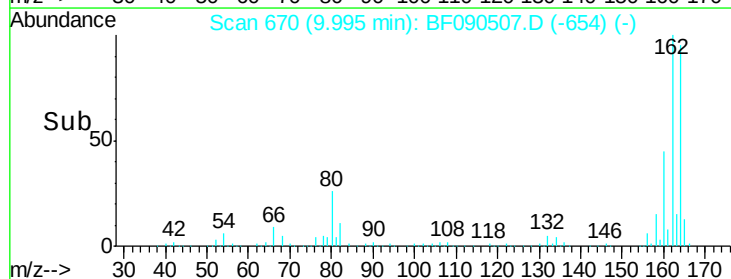
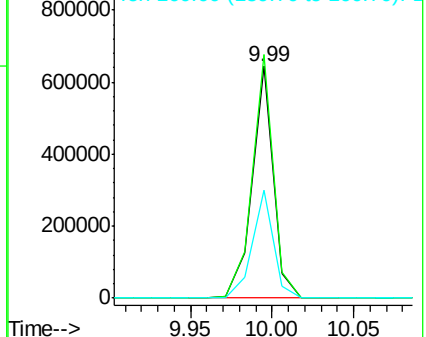
164 100

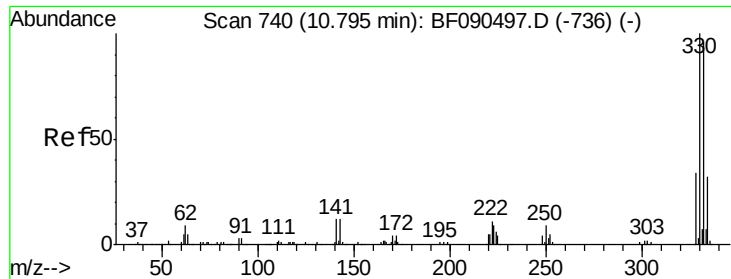
162 105.1 80.1 120.1

160 46.9 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

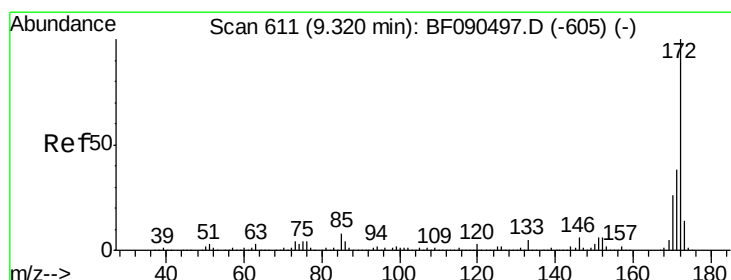
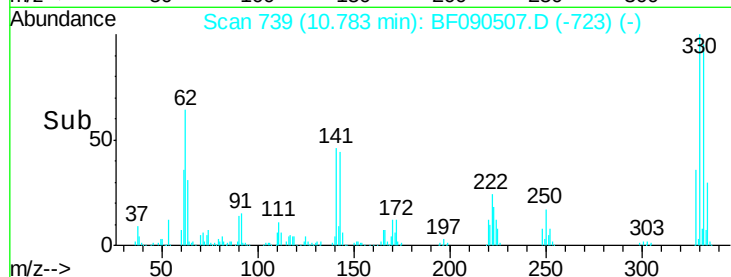
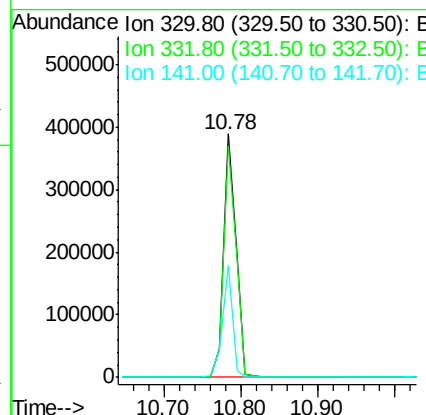
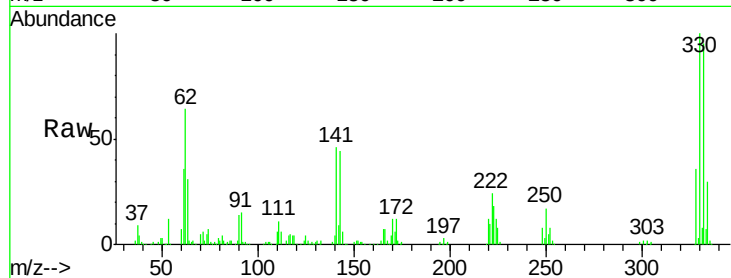




#41
 2,4,6-Tribromophenol
 Concen: 76.58 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090507.D
 Acq: 11 Oct 2016 17:41

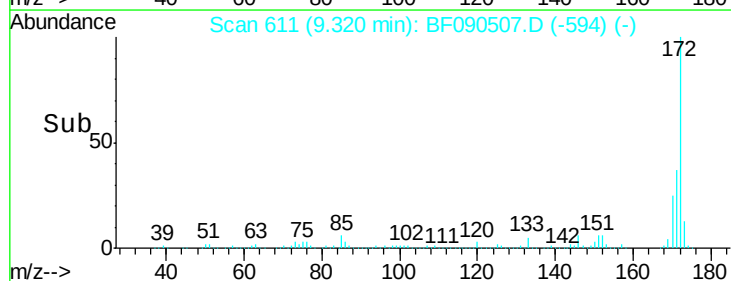
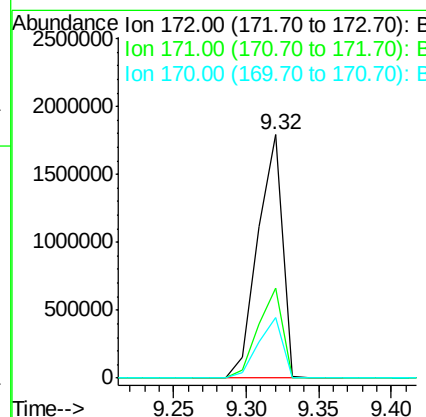
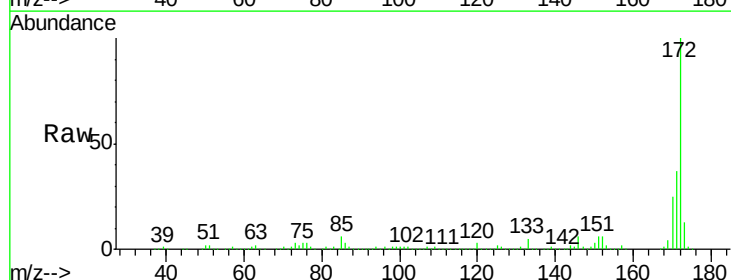
Instrument :
 BNA_F
 ClientSampled :
 PB93841BL

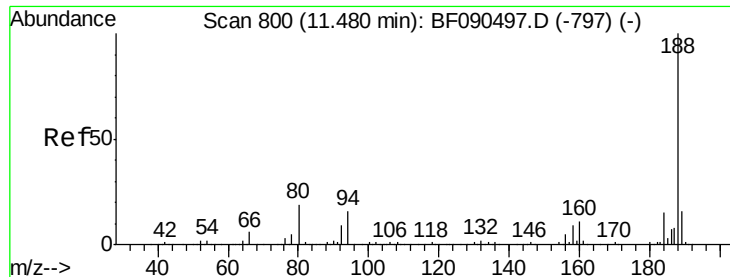
Tot Ion:330 Resp: 438443
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.4 113.0
 141 37.6 26.9 40.3



#44
 2-Fluorobiphenyl
 Concen: 61.45 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090507.D
 Acq: 11 Oct 2016 17:41

Tgt Ion:172 Resp: 2111768
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.8 47.8
 170 25.1 21.7 32.5

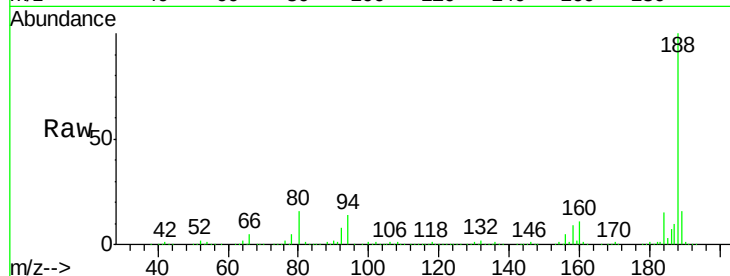




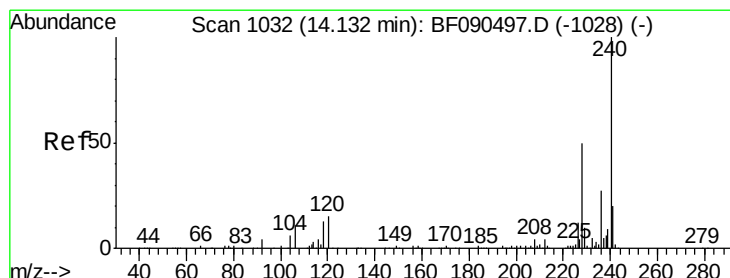
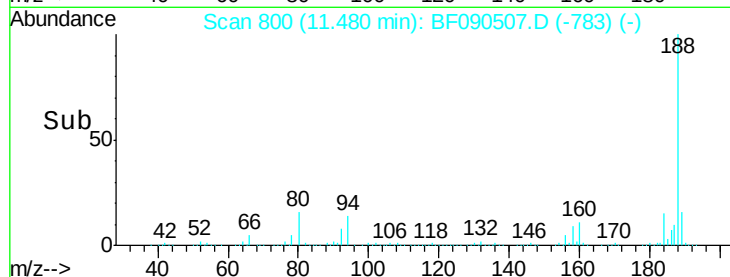
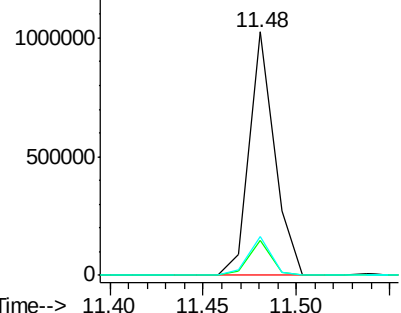
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF090507.D
Acq: 11 Oct 2016 17:41

Instrument :
BNA_F
ClientSampleId :
PB93841BL

Tot Ion:188 Resp: 954886
Ion Ratio Lower Upper
188 100
94 14.1 8.2 12.2#
80 16.2 8.8 13.2#

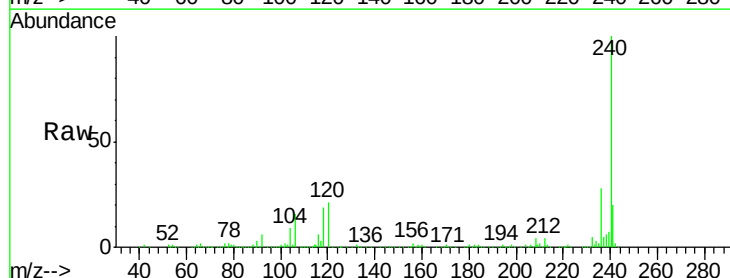


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

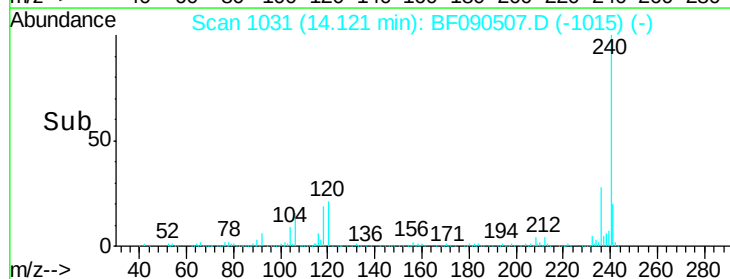
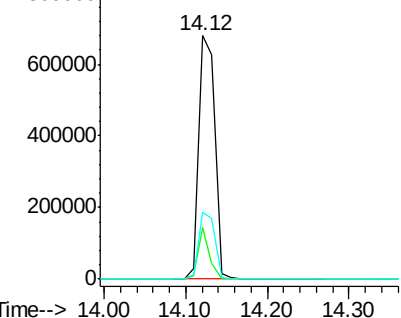


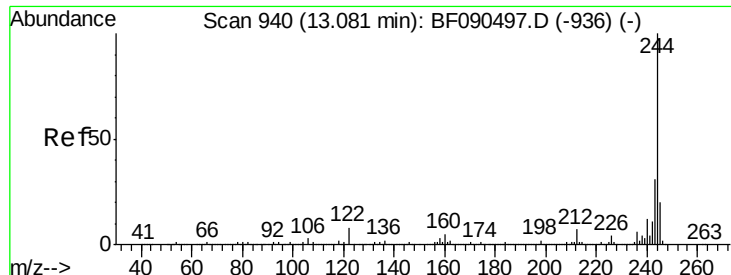
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF090507.D
Acq: 11 Oct 2016 17:41

Tgt Ion:240 Resp: 935052
Ion Ratio Lower Upper
240 100
120 21.3 8.6 13.0#
236 27.5 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: 64.29 ng

RT: 13.08 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF090507.D

Acq: 11 Oct 2016 17:41

Instrument :

BNA_F

ClientSampleId :

PB93841BL

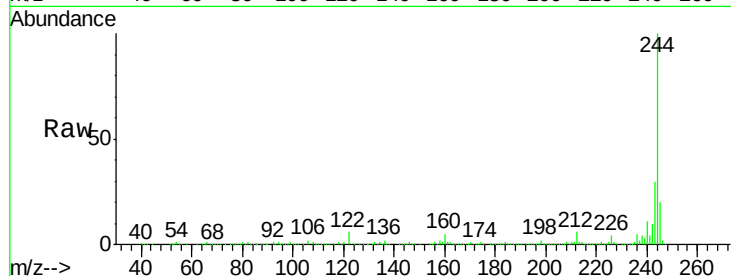
Tot Ion:244 Resp: 2459876

Ion Ratio Lower Upper

244 100

212 6.3 6.8 10.2#

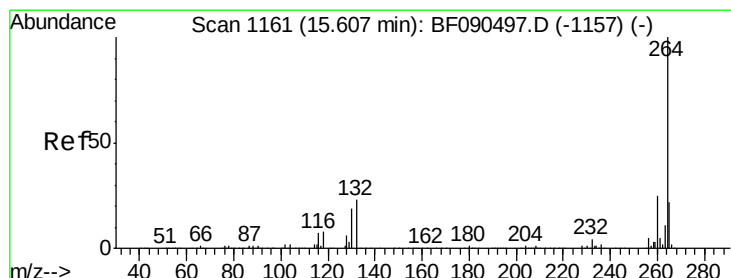
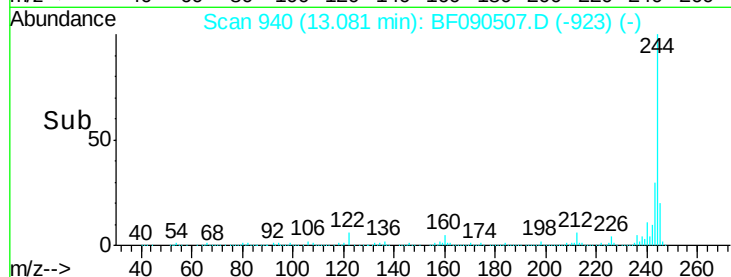
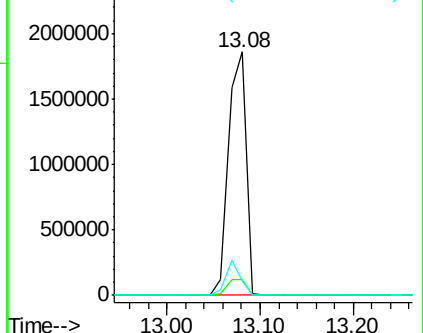
122 6.0 13.3 19.9#



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: BF090507.D

Acq: 11 Oct 2016 17:41

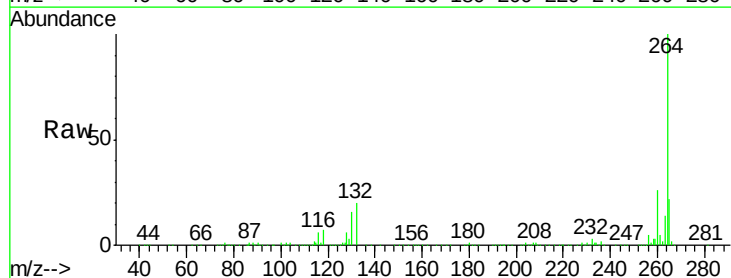
Tgt Ion:264 Resp: 746291

Ion Ratio Lower Upper

264 100

260 25.6 19.3 28.9

265 21.9 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

