

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
 Data File : BF090531.D
 Acq On : 12 Oct 2016 5:59
 Operator : UM/SJ
 Sample : U4S6C
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BS

Quant Time: Oct 12 06:41:43 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

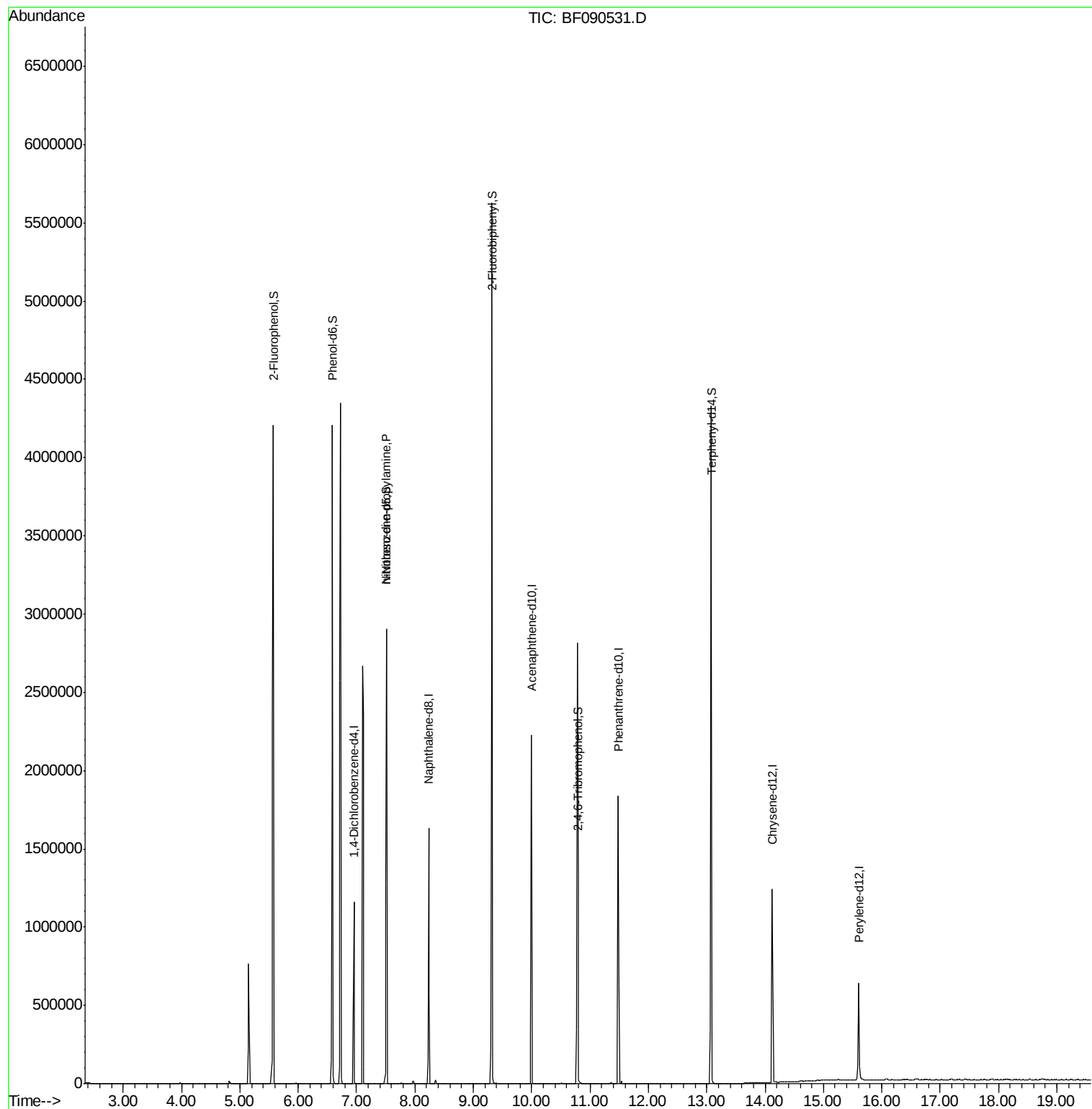
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	209869	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	804189	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	436556	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	691330	20.00	ng	0.00
75) Chrysene-d12	14.12	240	466382	20.00	ng	-0.01
86) Perylene-d12	15.61	264	341688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1359616	100.79	ng	0.01
7) Phenol-d6	6.59	99	1710441	100.48	ng	0.00
23) Nitrobenzene-d5	7.51	82	1081554	72.94	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	425562	98.34	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2048123	78.84	ng	0.00
78) Terphenyl-d14	13.08	244	1974515	103.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	146146	13.46	ng	Qvalue # 61

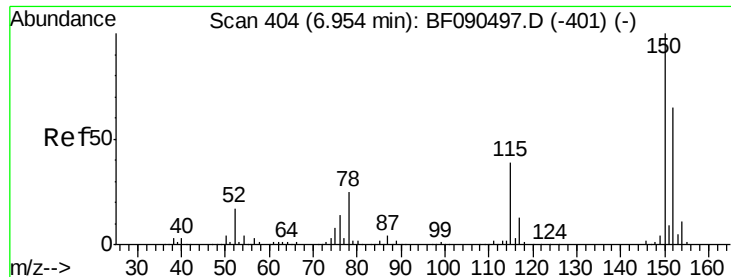
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090531.D

Acq: 12 Oct 2016 5:59

Instrument :

BNA_F

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PB93973BS

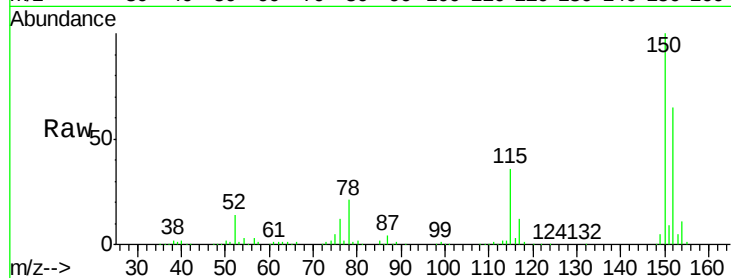
Tgt Ion:152 Resp: 209869

Ion Ratio Lower Upper

152 100

150 154.0 124.6 186.8

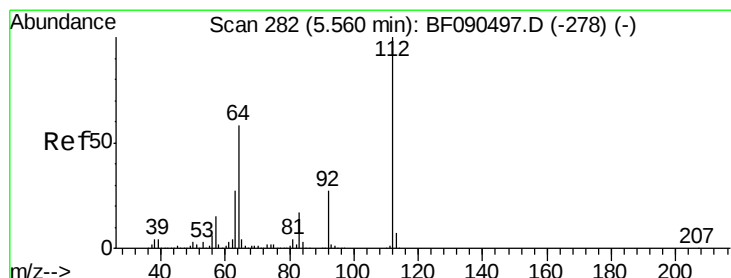
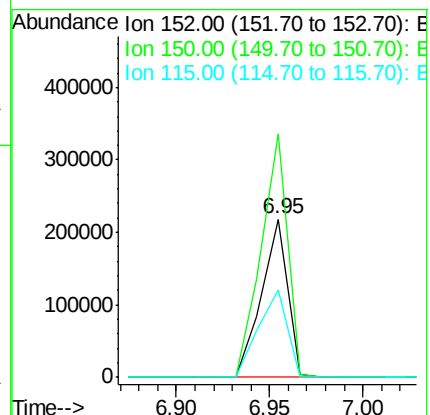
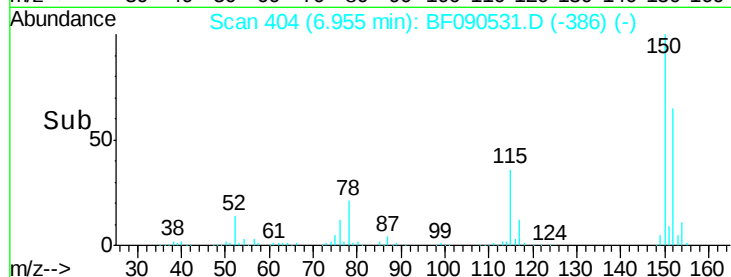
115 55.7 46.2 69.4



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: 100.79 ng

RT: 5.57 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 5:59

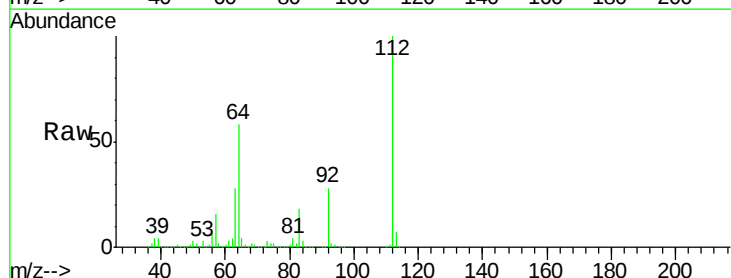
Tgt Ion:112 Resp: 1359616

Ion Ratio Lower Upper

112 100

64 57.6 57.9 86.9#

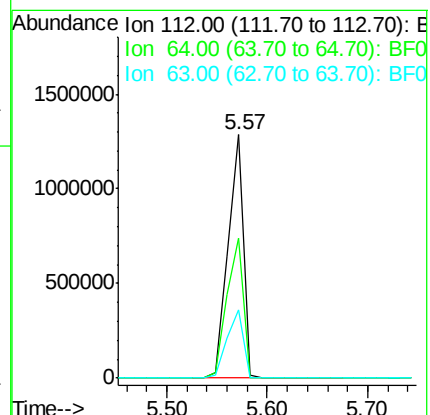
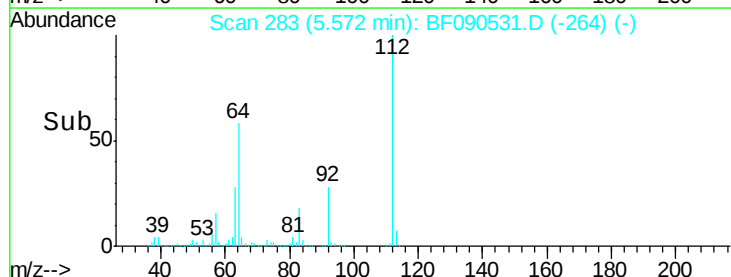
63 28.1 29.6 44.4#

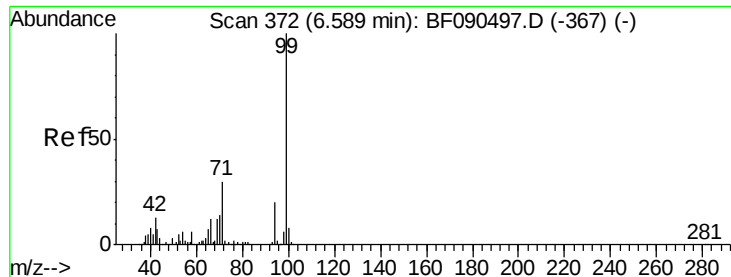


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.48 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 5:59

Instrument :

BNA_F

ClientSampleId :

PB93973BS

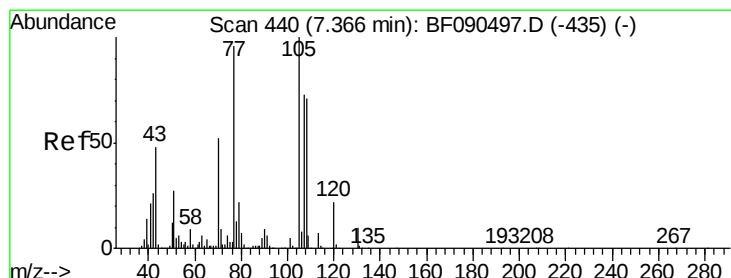
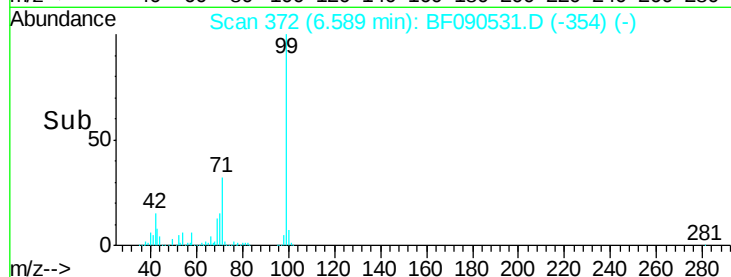
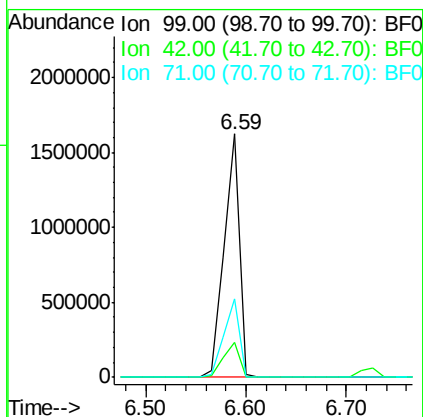
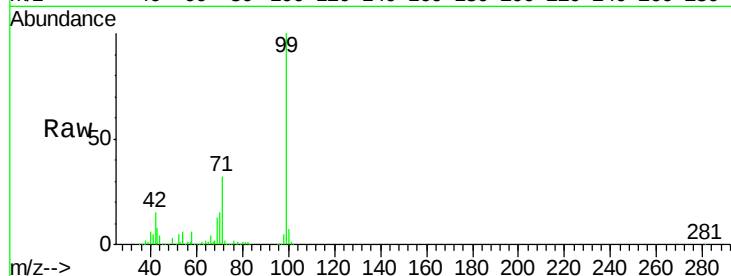
Tgt Ion: 99 Resp: 1710441

Ion Ratio Lower Upper

99 100

42 14.5 20.0 30.0#

71 32.1 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 13.46 ng

RT: 7.51 min Scan# 453

Delta R.T. 0.15 min

Lab File: BF090531.D

Acq: 12 Oct 2016 5:59

Tgt Ion: 70 Resp: 146146

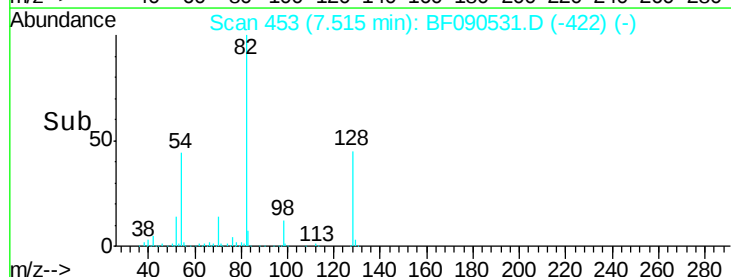
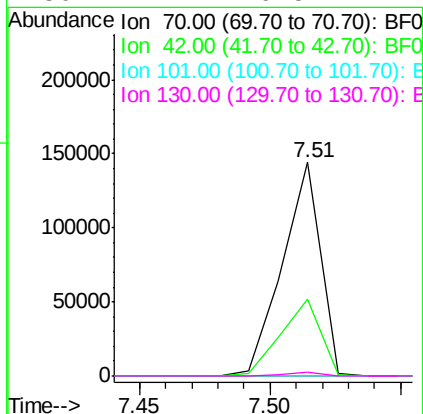
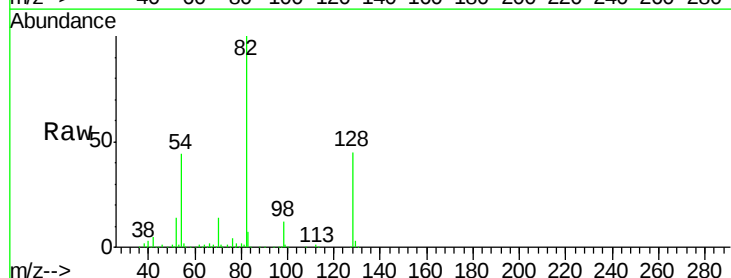
Ion Ratio Lower Upper

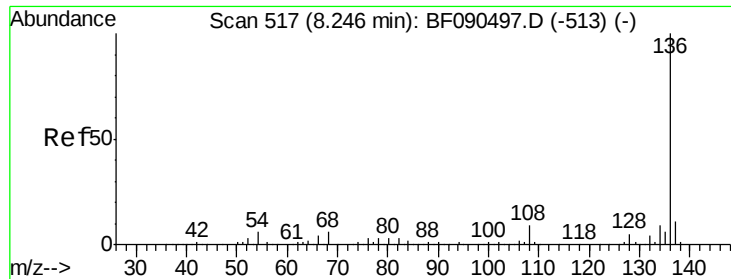
70 100

42 35.8 55.4 83.2#

101 0.0 7.6 11.4#

130 2.1 16.5 24.7#

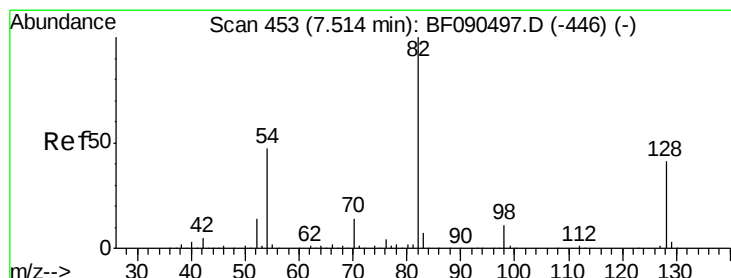
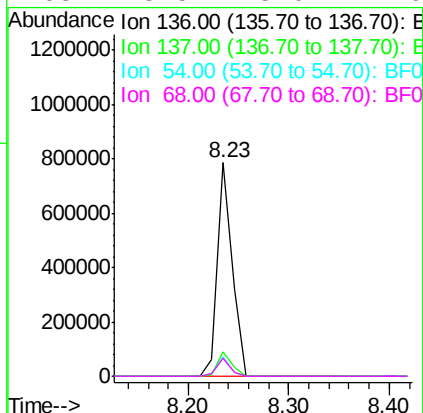
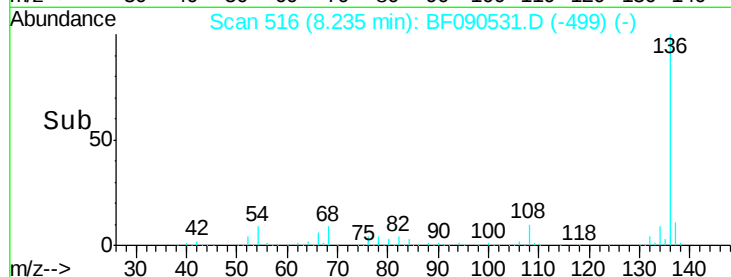
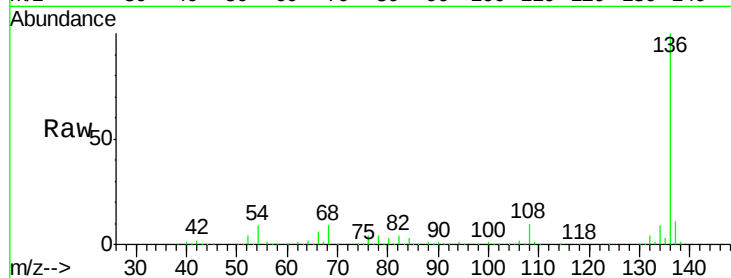




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF090531.D
Acq: 12 Oct 2016 5:59

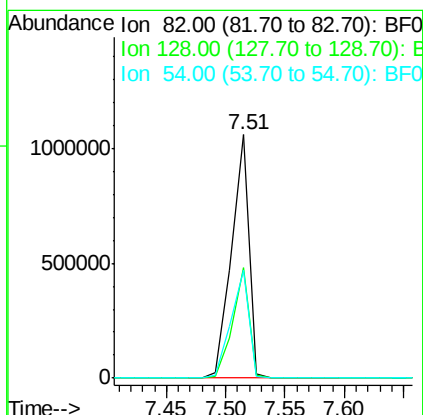
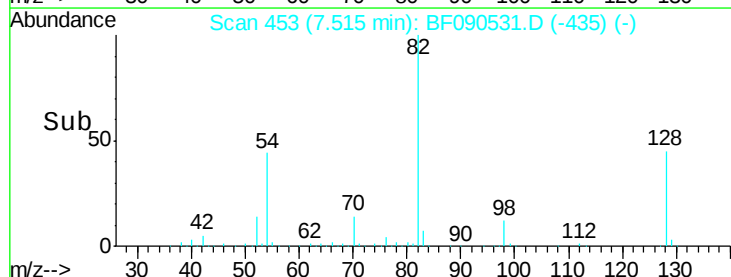
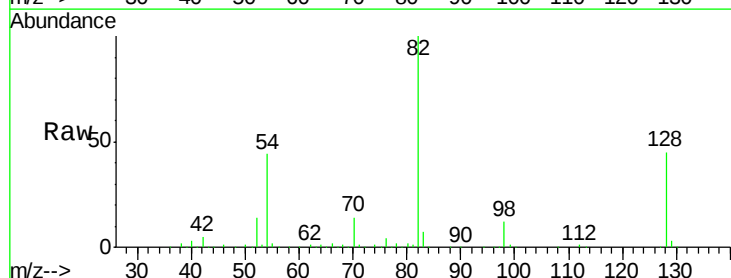
Instrument :
BNA_F
ClientSampleId :
PB93973BS

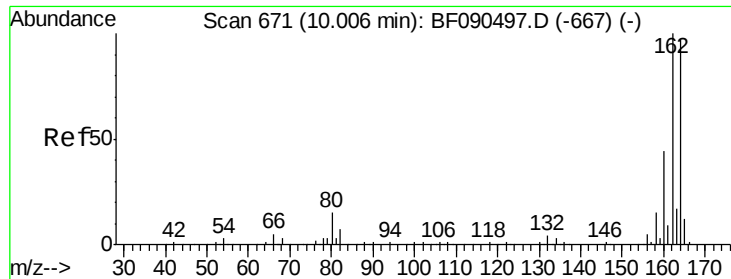
Tgt Ion:	136	Resp:	804189
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	9.3	6.6	10.0
68	8.5	5.0	7.6#



#23
Nitrobenzene-d5
Concen: 72.94 ng
RT: 7.51 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090531.D
Acq: 12 Oct 2016 5:59

Tgt Ion:	82	Resp:	1081554
Ion Ratio	Lower	Upper	
82	100		
128	45.2	40.0	60.0
54	44.5	42.6	64.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 5:59

Instrument :

BNA_F

ClientSampleId :

PB93973BS

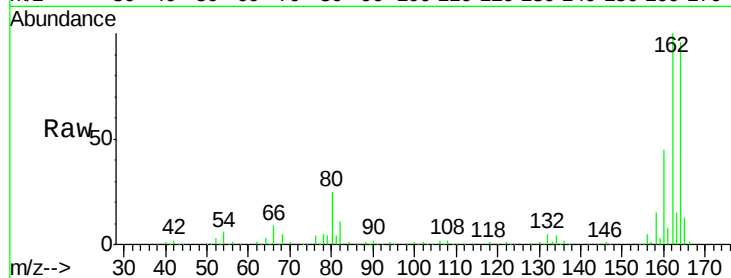
Tgt Ion:164 Resp: 436556

Ion Ratio Lower Upper

164 100

162 104.1 80.1 120.1

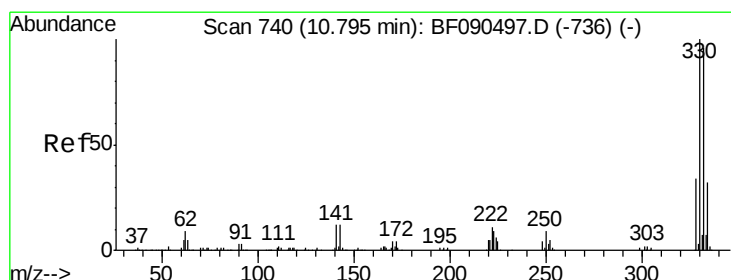
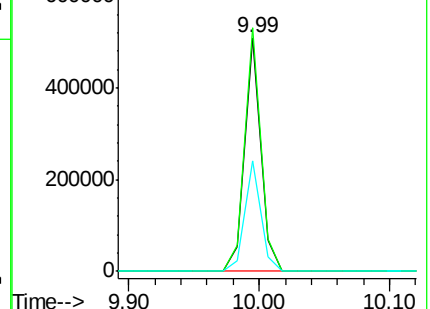
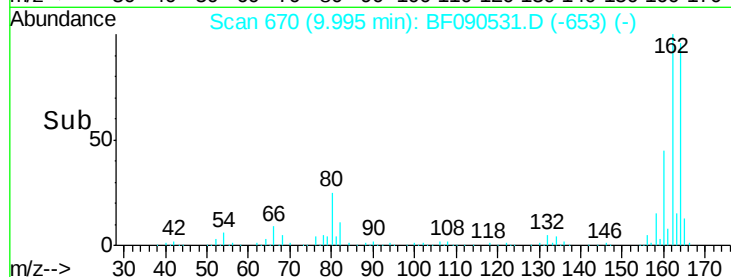
160 47.0 36.3 54.5



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: 98.34 ng

RT: 10.79 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 5:59

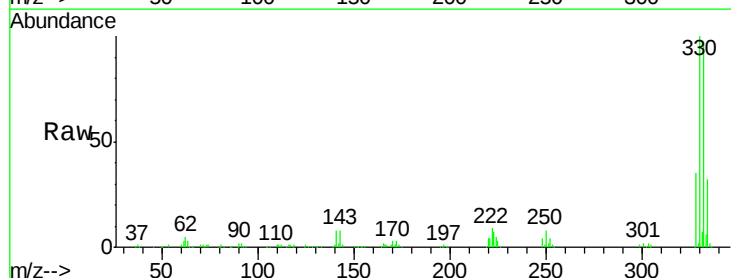
Tgt Ion:330 Resp: 425562

Ion Ratio Lower Upper

330 100

332 96.4 75.4 113.0

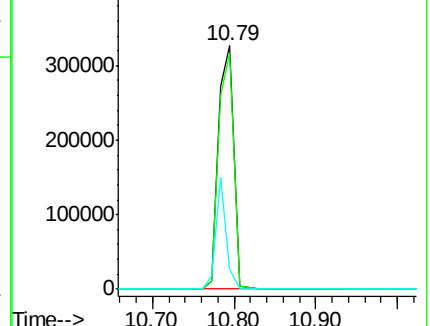
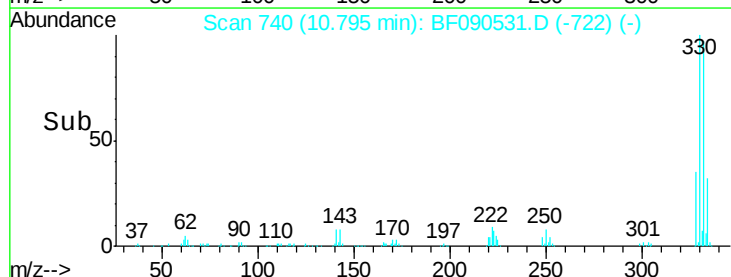
141 32.1 26.9 40.3

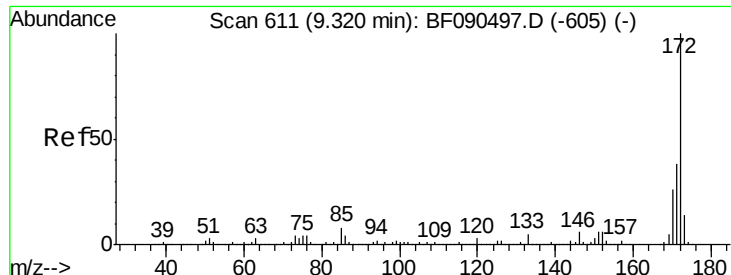


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

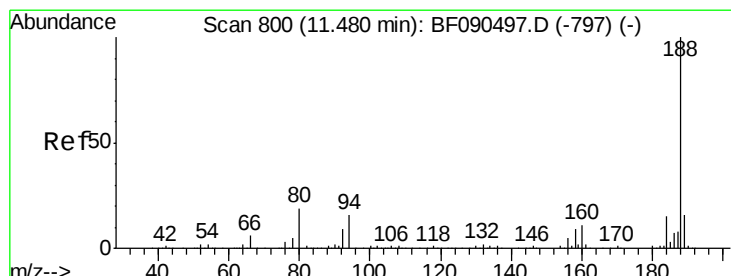
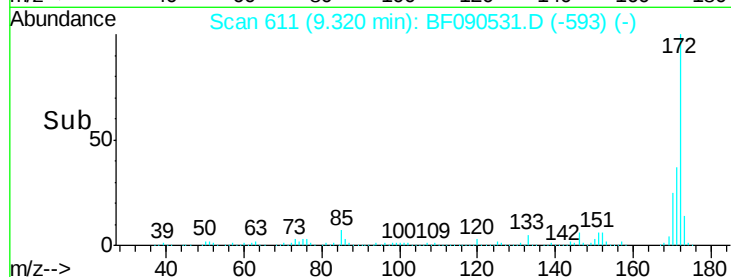
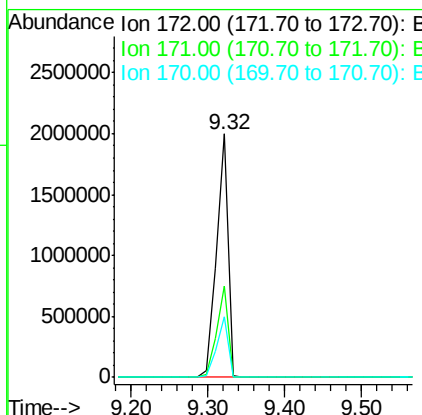
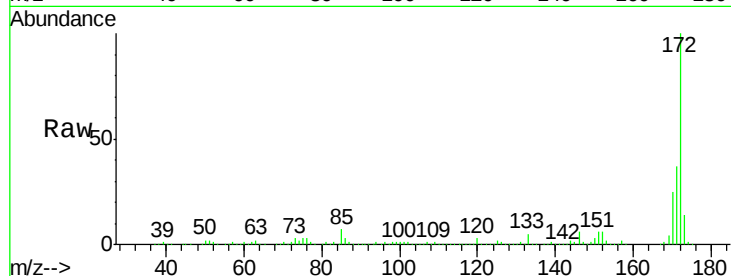




#44
 2-Fluorobiphenyl
 Concen: 78.84 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 5:59

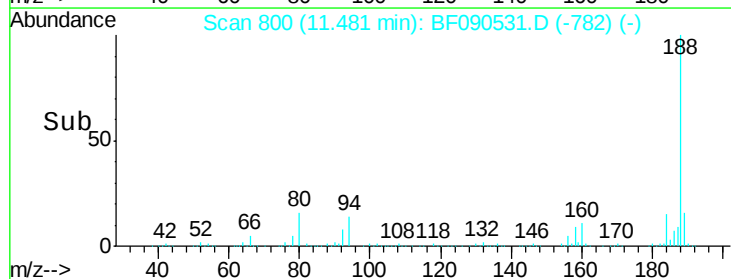
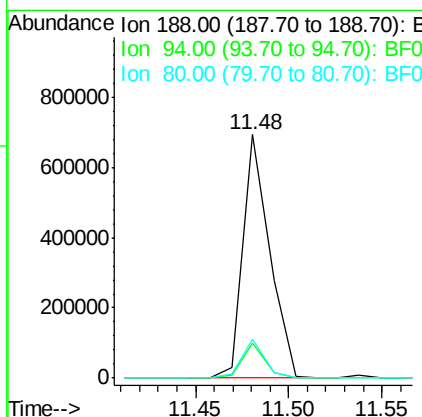
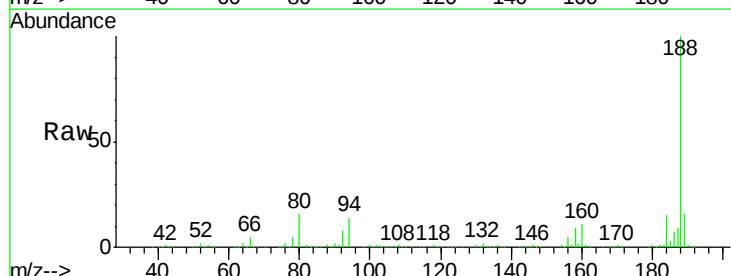
Instrument :
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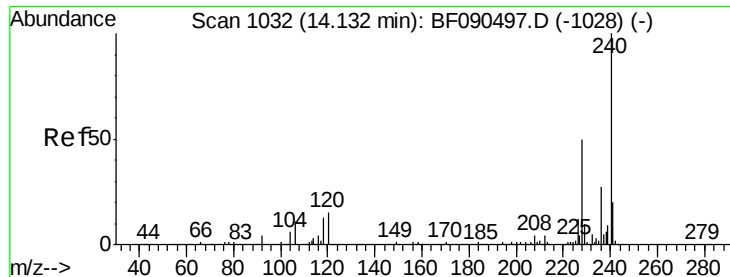
Tgt Ion:172 Resp: 2048123
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.8 47.8
 170 25.1 21.7 32.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF090531.D
 Acq: 12 Oct 2016 5:59

Tgt Ion:188 Resp: 691330
 Ion Ratio Lower Upper
 188 100
 94 14.3 8.2 12.2#
 80 16.1 8.8 13.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF090531.D

Acq: 12 Oct 2016 5:59

Instrument :

BNA_F

ClientSampleId :

PB93973BS

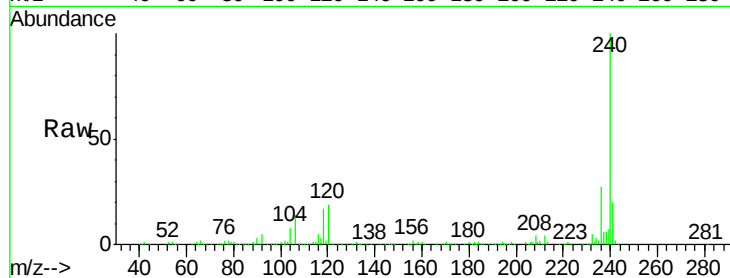
Tgt Ion:240 Resp: 466382

Ion Ratio Lower Upper

240 100

120 19.2 8.6 13.0#

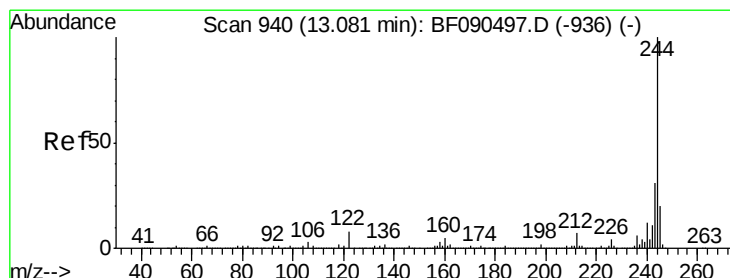
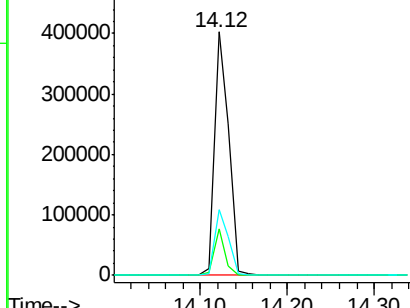
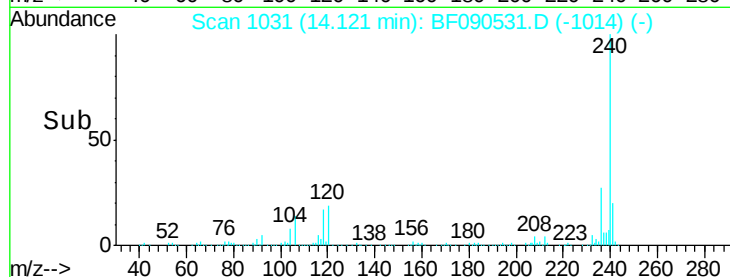
236 26.8 21.6 32.4



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: 103.46 ng

RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF090531.D

Acq: 12 Oct 2016 5:59

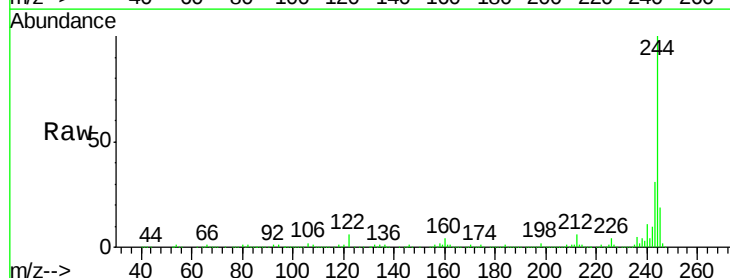
Tgt Ion:244 Resp: 1974515

Ion Ratio Lower Upper

244 100

212 5.9 6.8 10.2#

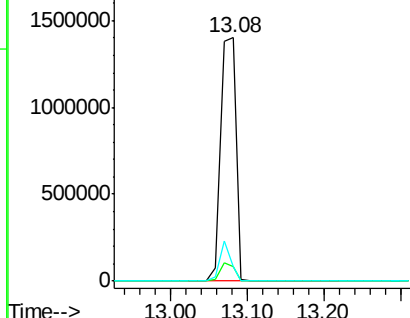
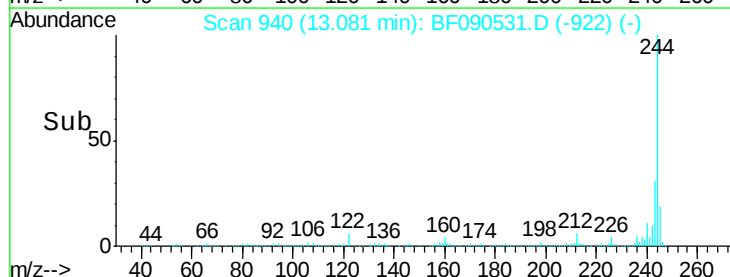
122 5.7 13.3 19.9#

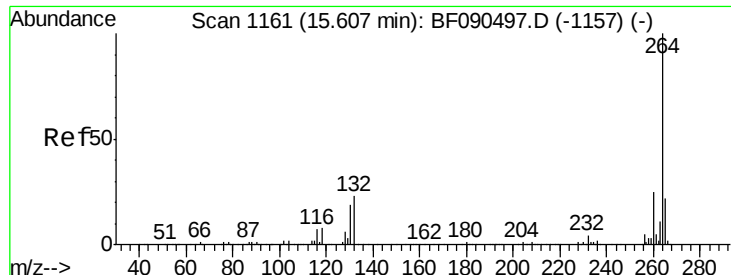


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090531.D
Acq: 12 Oct 2016 5:59

Instrument :
BNA_F
ClientSampleId :
PB93973BS

Tgt Ion: 264 Resp: 341688
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 21.1 17.4 26.0

