

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
 Data File : BF090512.D
 Acq On : 11 Oct 2016 19:57
 Operator : UM/SJ
 Sample : H5157-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Oct 12 00:58:15 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

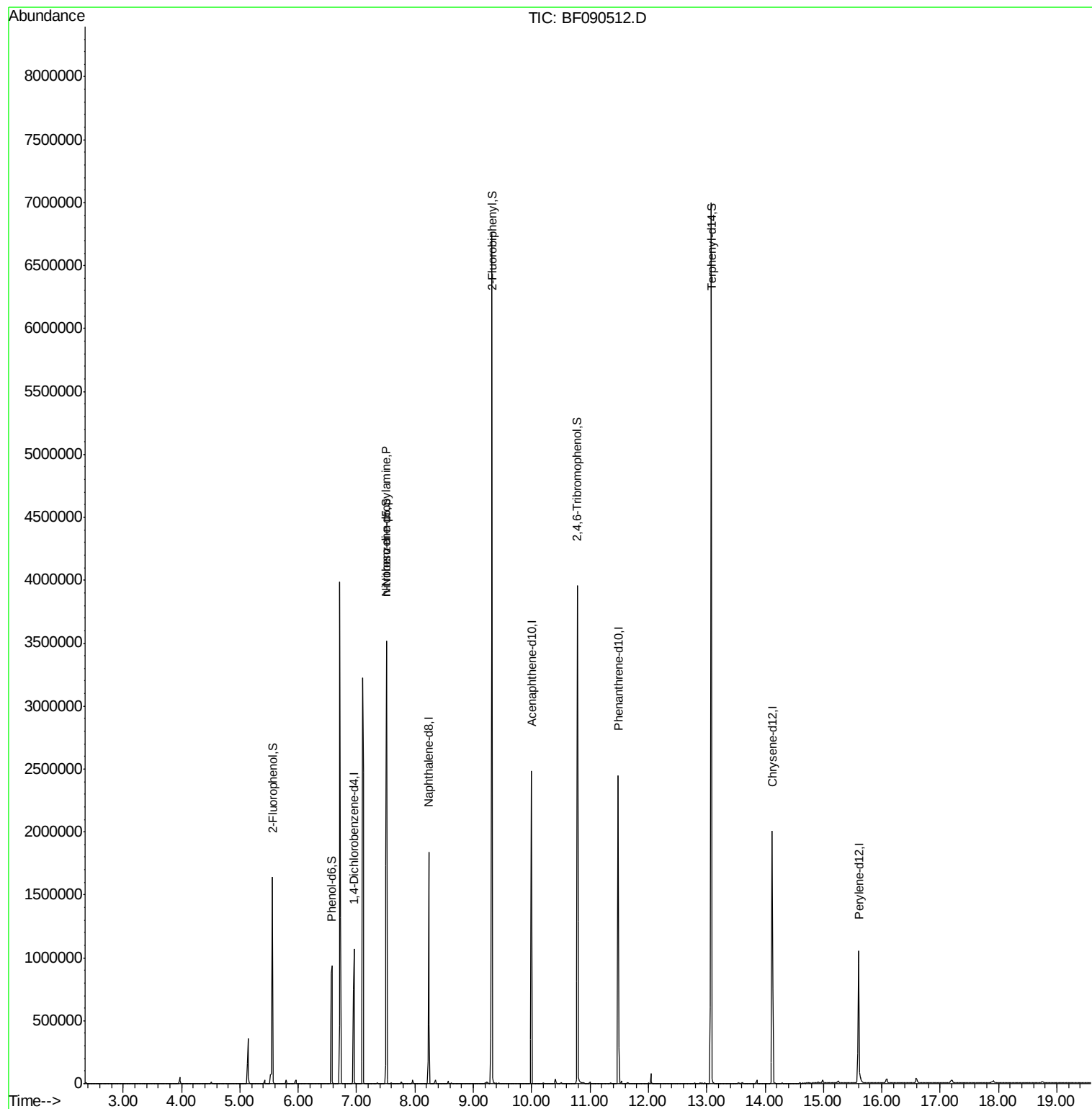
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	211384	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	847240	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	471015	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	785190	20.00	ng	0.00
75) Chrysene-d12	14.12	240	707091	20.00	ng	-0.01
86) Perylene-d12	15.61	264	567959	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	646735	47.60	ng	0.00
7) Phenol-d6	6.58	99	494986	28.87	ng	-0.01
23) Nitrobenzene-d5	7.51	82	1354339	86.70	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	581531	124.55	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2442202	87.13	ng	0.00
78) Terphenyl-d14	13.08	244	3022793	104.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	187977	17.19	ng	Qvalue # 61

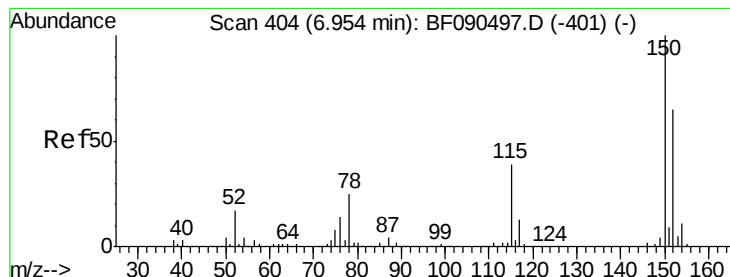
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090512.D

Acq: 11 Oct 2016 19:57

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

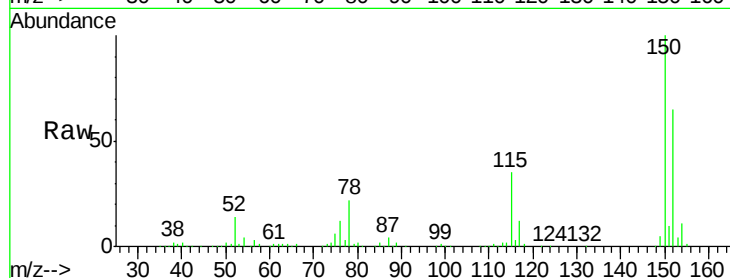
Tgt Ion:152 Resp: 211384

Ion Ratio Lower Upper

152 100

150 154.1 124.6 186.8

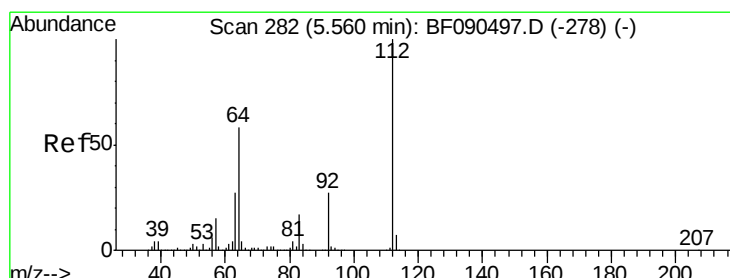
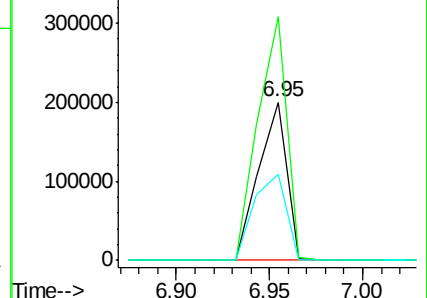
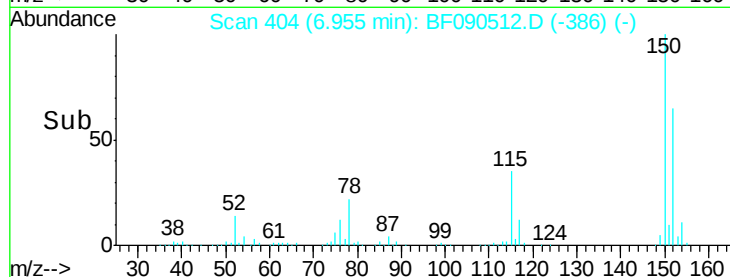
115 54.7 46.2 69.4



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: 47.60 ng

RT: 5.56 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF090512.D

Acq: 11 Oct 2016 19:57

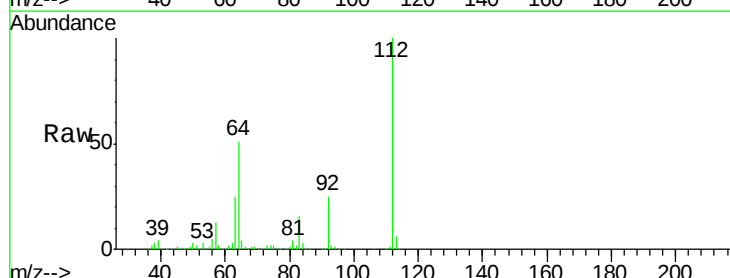
Tgt Ion:112 Resp: 646735

Ion Ratio Lower Upper

112 100

64 51.3 57.9 86.9#

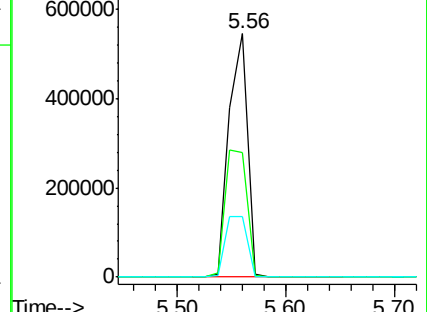
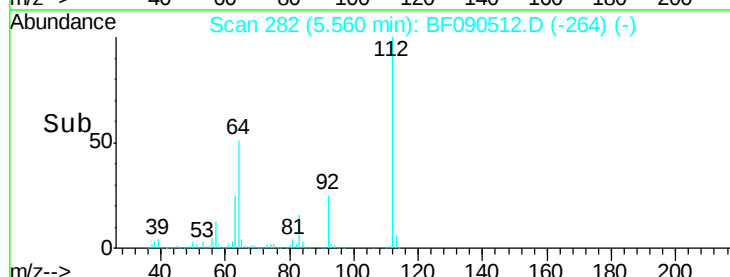
63 24.9 29.6 44.4#

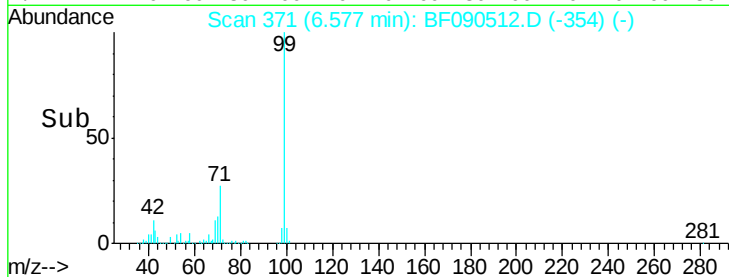
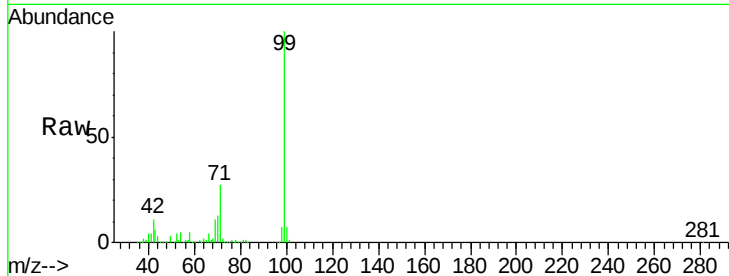
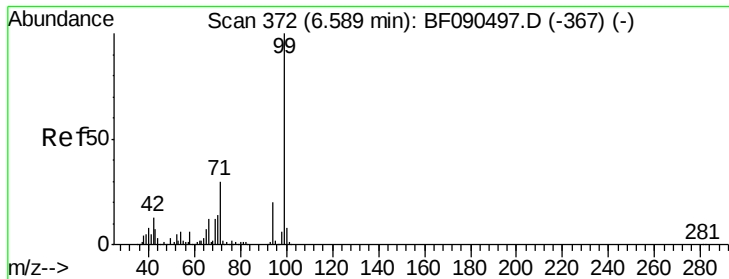


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.87 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090512.D

Acq: 11 Oct 2016 19:57

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

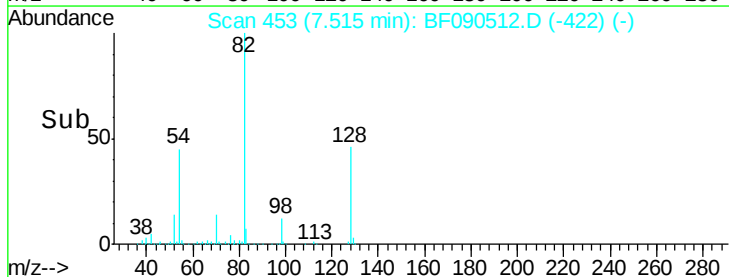
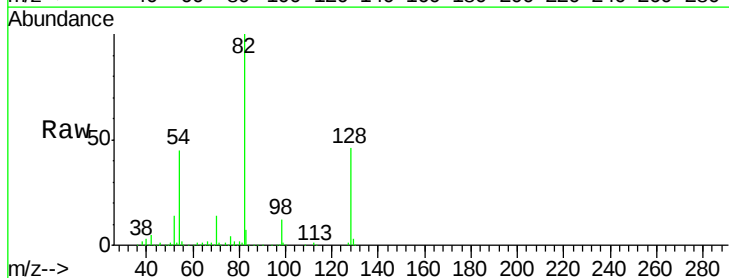
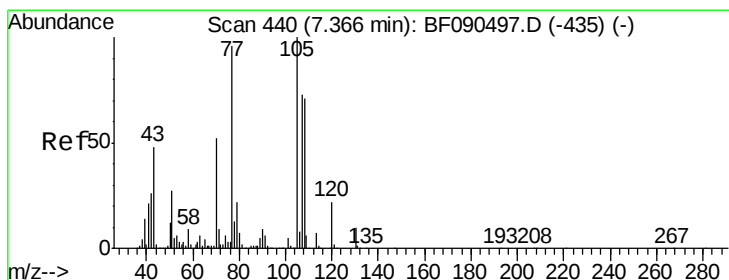
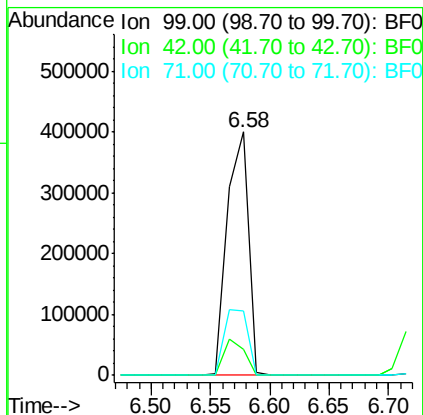
Tgt Ion: 99 Resp: 494986

Ion Ratio Lower Upper

99 100

42 10.8 20.0 30.0#

71 26.7 27.9 41.9#



#19

n-Nitroso-di-n-propylamine

Concen: 17.19 ng

RT: 7.51 min Scan# 453

Delta R.T. 0.15 min

Lab File: BF090512.D

Acq: 11 Oct 2016 19:57

Tgt Ion: 70 Resp: 187977

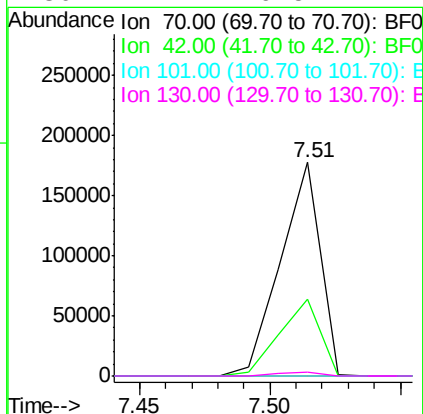
Ion Ratio Lower Upper

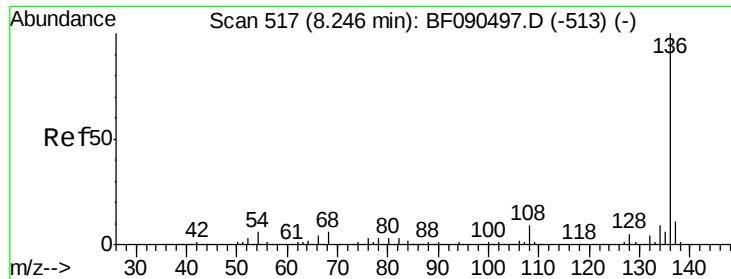
70 100

42 35.9 55.4 83.2#

101 0.0 7.6 11.4#

130 2.1 16.5 24.7#

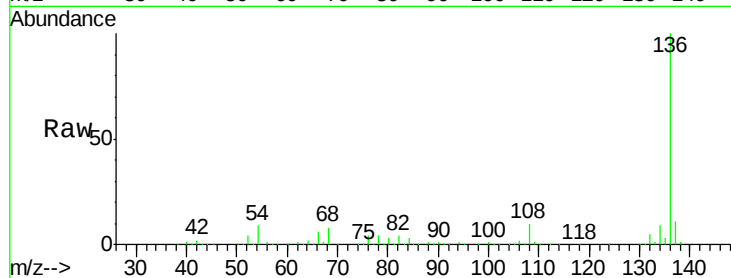




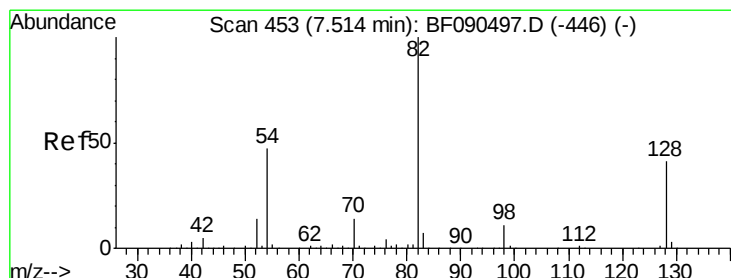
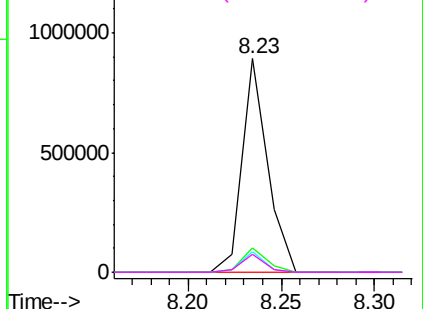
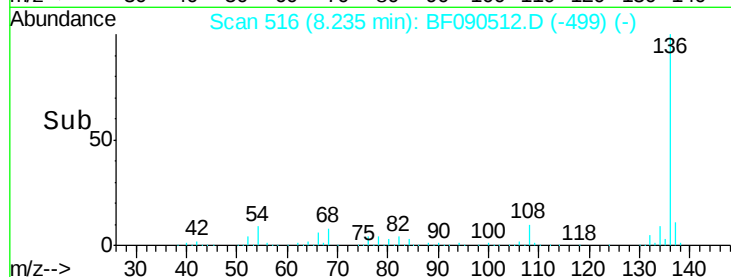
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF090512.D
Acq: 11 Oct 2016 19:57

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tgt Ion: 136 Resp: 847240
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.4 6.6 10.0
68 8.4 5.0 7.6#

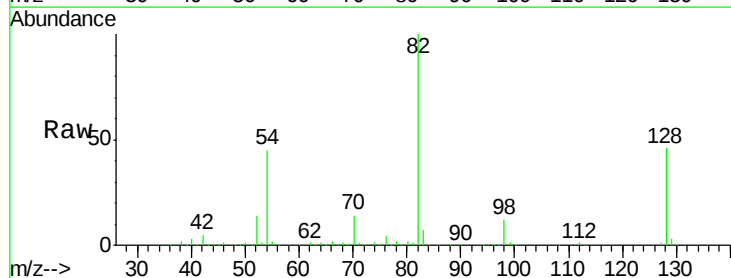


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

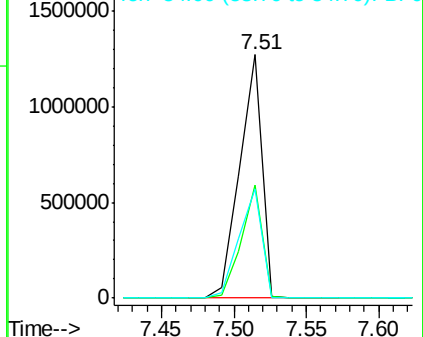
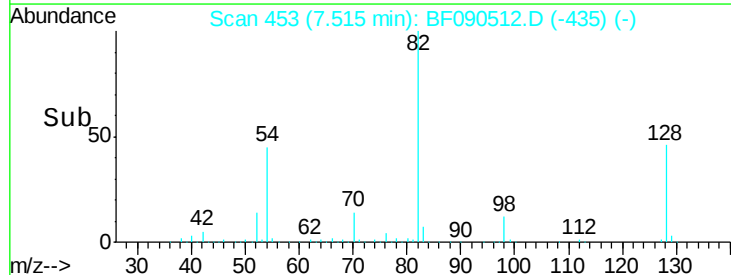


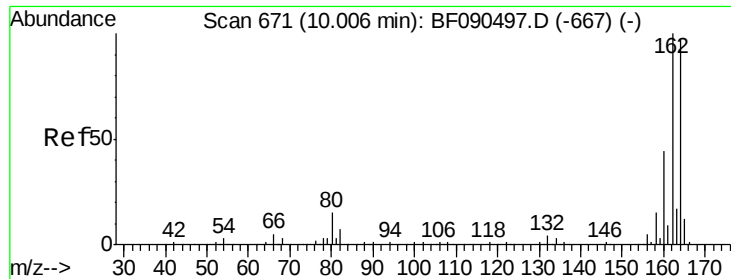
#23
Nitrobenzene-d5
Concen: 86.70 ng
RT: 7.51 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090512.D
Acq: 11 Oct 2016 19:57

Tgt Ion: 82 Resp: 1354339
Ion Ratio Lower Upper
82 100
128 46.2 40.0 60.0
54 45.1 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: BF090512.D

Acq: 11 Oct 2016 19:57

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

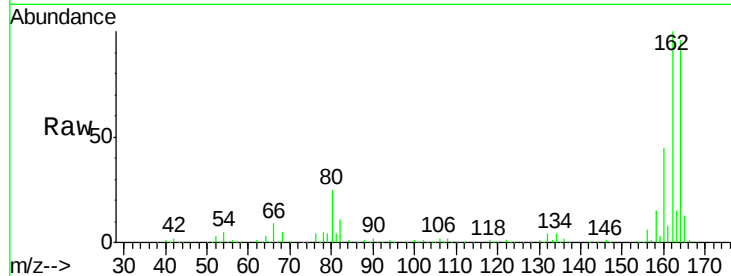
Tgt Ion:164 Resp: 471015

Ion Ratio Lower Upper

164 100

162 103.7 80.1 120.1

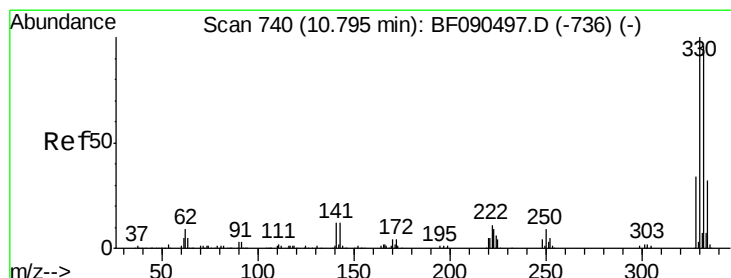
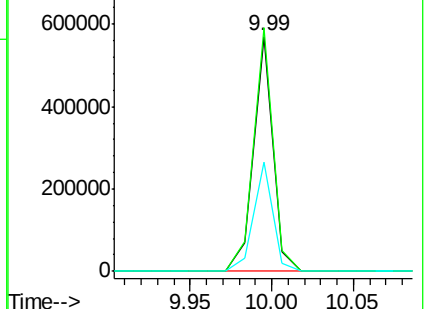
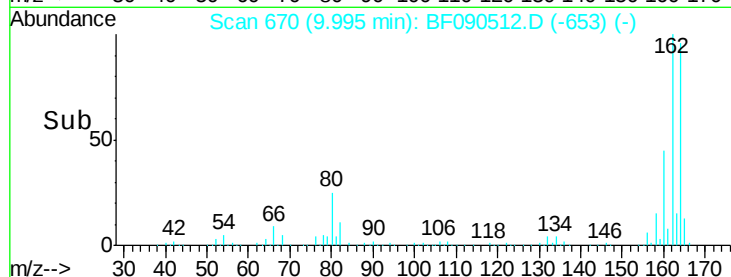
160 46.7 36.3 54.5



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: 124.55 ng

RT: 10.78 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF090512.D

Acq: 11 Oct 2016 19:57

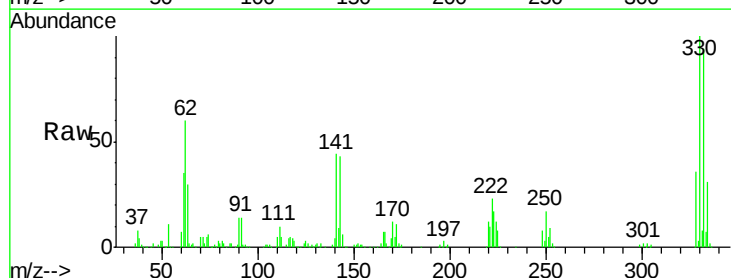
Tgt Ion:330 Resp: 581531

Ion Ratio Lower Upper

330 100

332 95.4 75.4 113.0

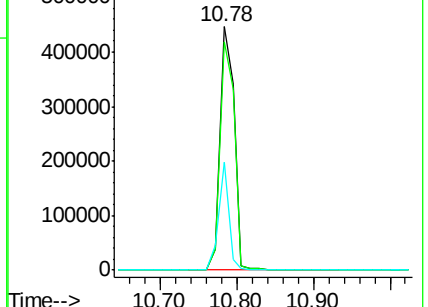
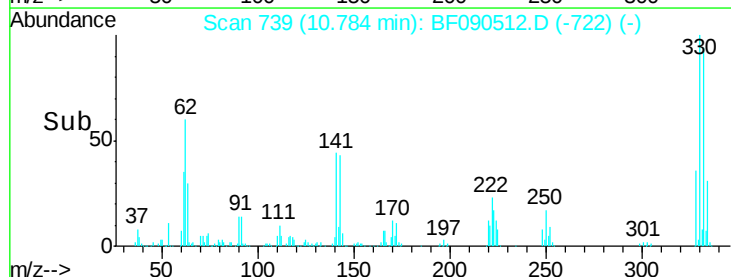
141 31.9 26.9 40.3

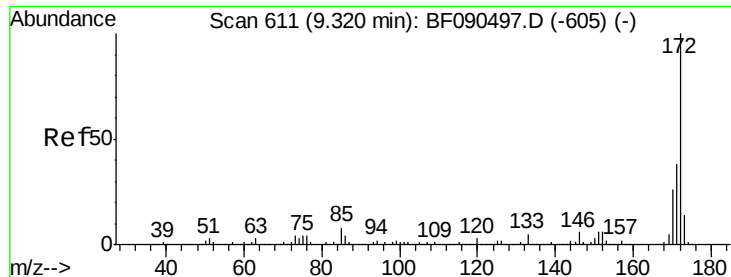


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

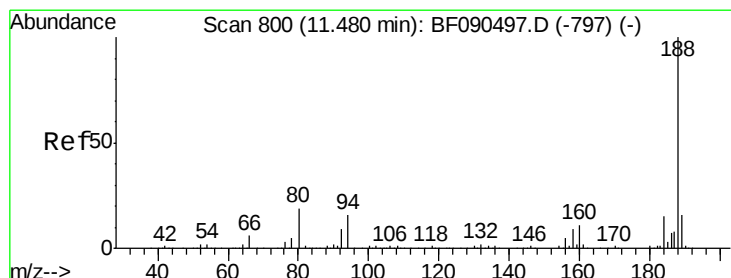
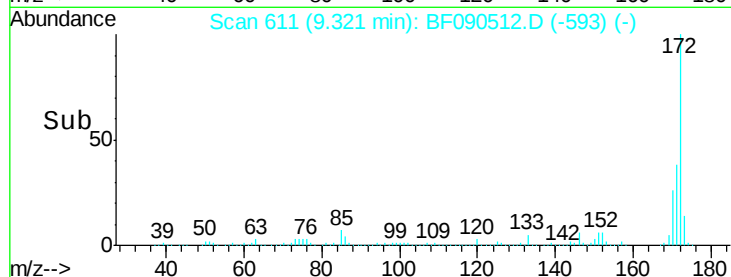
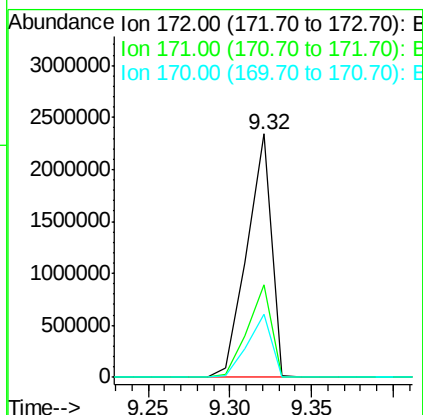
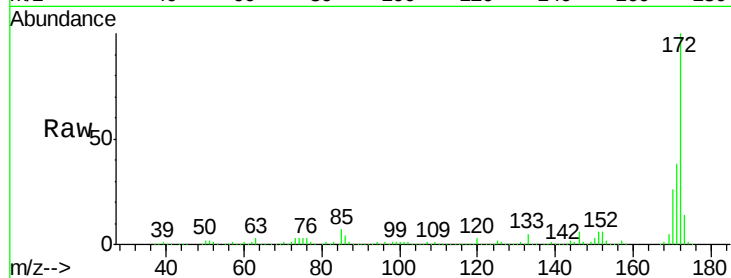




#44
 2-Fluorobiphenyl
 Concen: 87.13 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090512.D
 Acq: 11 Oct 2016 19:57

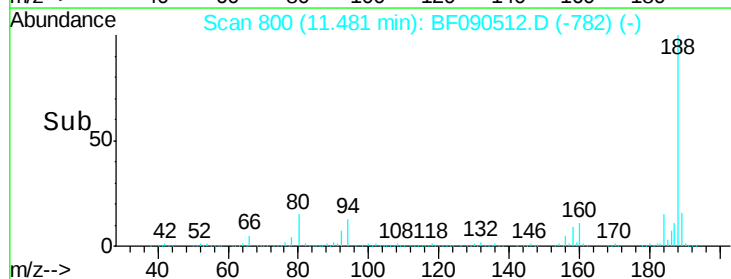
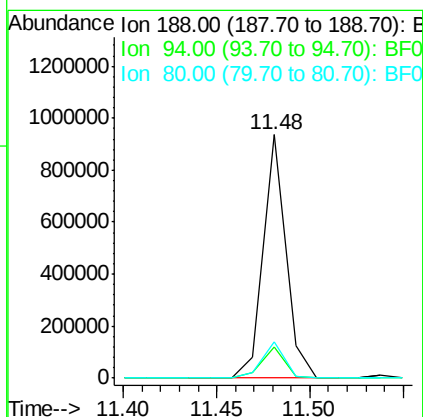
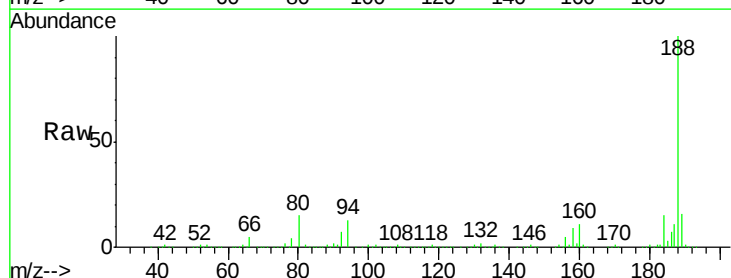
Instrument :
 BNA_F
 ClientSampleId :
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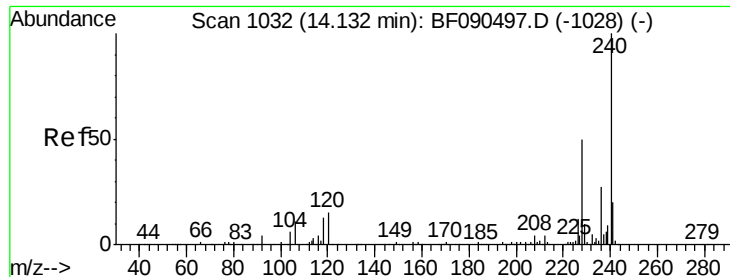
Tgt Ion:172 Resp: 2442202
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.8 47.8
 170 26.0 21.7 32.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF090512.D
 Acq: 11 Oct 2016 19:57

Tgt Ion:188 Resp: 785190
 Ion Ratio Lower Upper
 188 100
 94 13.0 8.2 12.2#
 80 14.9 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: BF090512.D

Acq: 11 Oct 2016 19:57

Instrument :

BNA_F

ClientSampleId :

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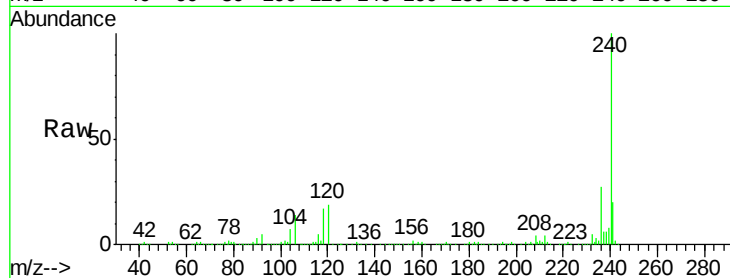
Tgt Ion:240 Resp: 707091

Ion Ratio Lower Upper

240 100

120 18.9 8.6 13.0#

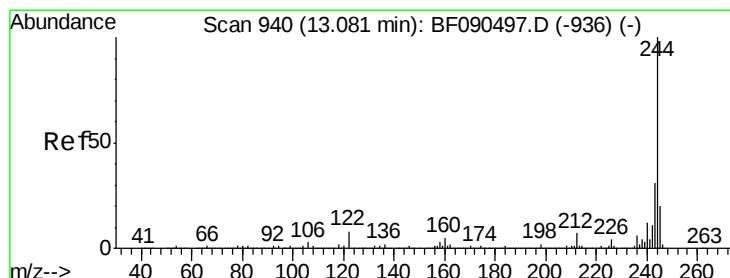
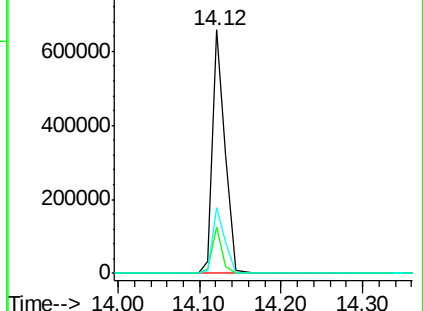
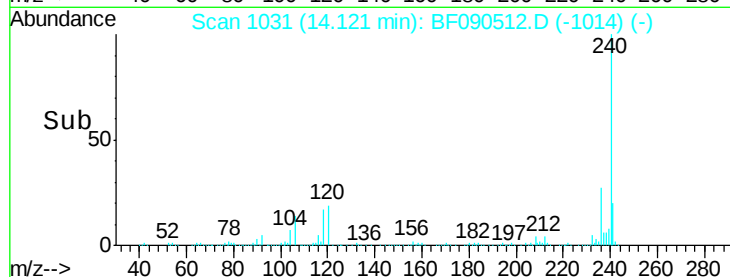
236 27.1 21.6 32.4



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: 104.47 ng

RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF090512.D

Acq: 11 Oct 2016 19:57

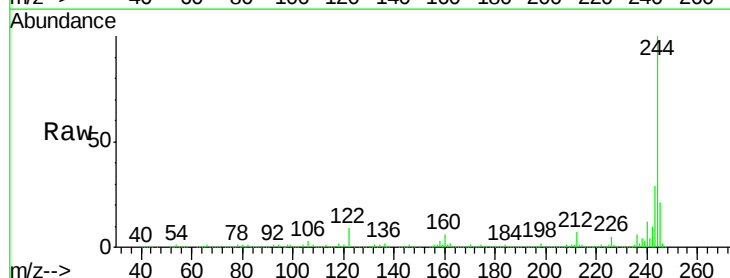
Tgt Ion:244 Resp: 3022793

Ion Ratio Lower Upper

244 100

212 7.1 6.8 10.2

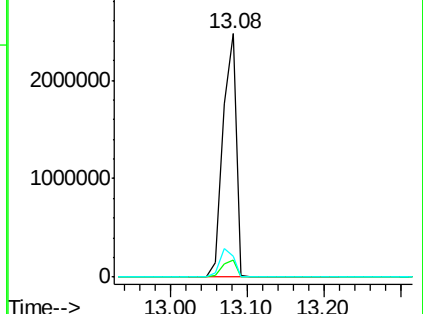
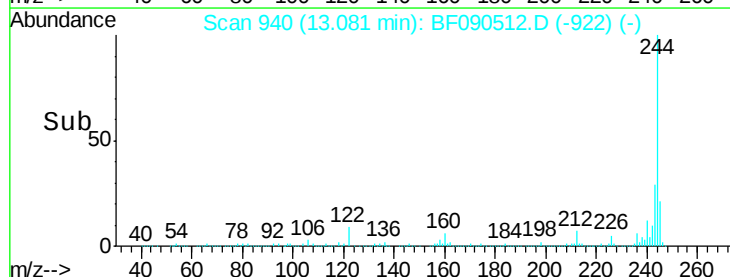
122 8.6 13.3 19.9#

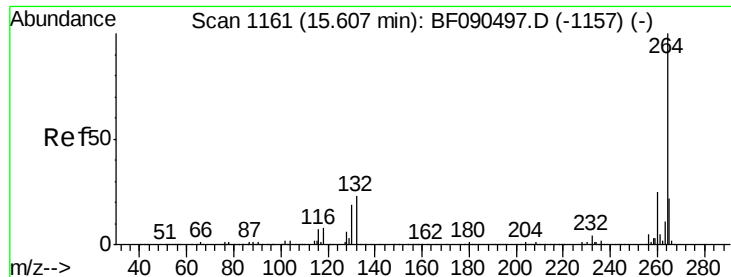


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090512.D
Acq: 11 Oct 2016 19:57

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.3	28.9
265	21.3	17.4	26.0

