

Data File : BF093155.D
Acq On : 24 Feb 2017 20:10
Operator : SJ/MA
Sample : I1957-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222

Quant Time: Feb 24 22:07:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	147774	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	565560	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	286859	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	526152	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	454702	20.00	ng	-0.02
86) Perylene-d12	15.43	264	341083	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1190713	138.24	ng	-0.02
7) Phenol-d6	6.48	99	1530823	138.13	ng	-0.01
23) Nitrobenzene-d5	7.40	82	870847	85.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	287235	138.44	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1438013	90.82	ng	-0.01
78) Terphenyl-d14	12.96	244	1312276	67.81	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	93647	7.22	ng	# 65
19) n-Nitroso-di-n-propylamine	7.40	70	116103	16.46	ng	# 80
25) Isophorone	7.40	82	702574	37.12	ng	# 65
49) Dimethylphthalate	9.60	163	321727	16.65	ng	99
56) 2,4-Dinitrotoluene	9.88	165	36010	6.48	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.67	198	774	2.90	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	21023	3.82	ng	# 1

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

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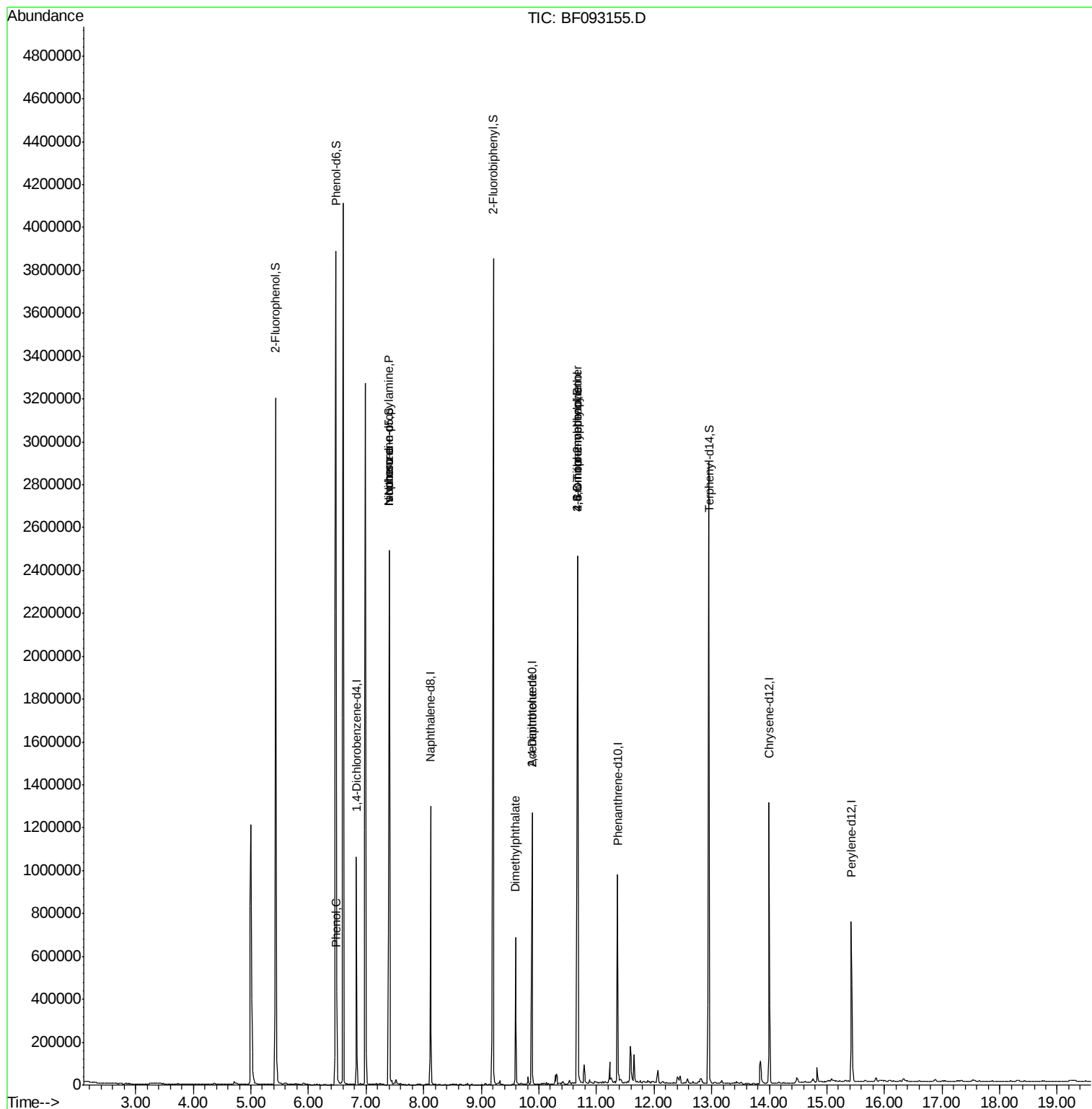
Quant Time: Feb 24 22:07:17 2017

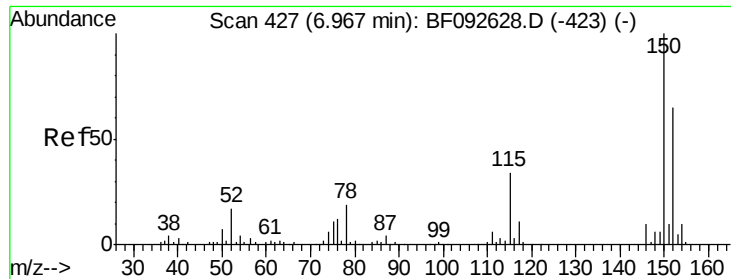
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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QLast Update : Fri Feb 17 17:31:55 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

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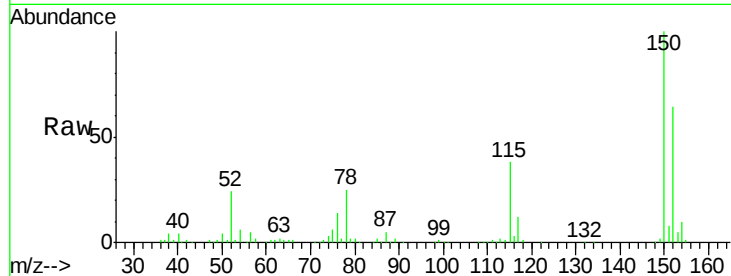
Tgt Ion:152 Resp: 147774

Ion Ratio Lower Upper

152 100

150 156.7 124.9 187.3

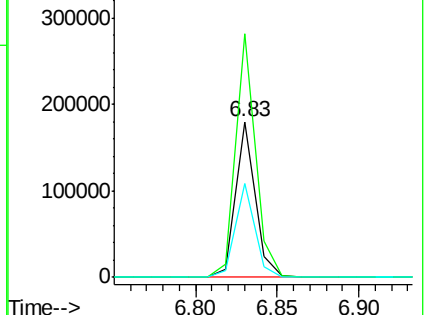
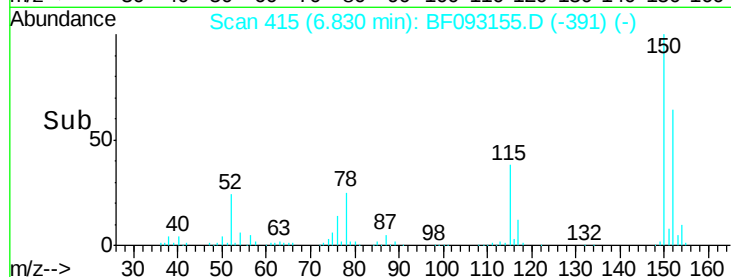
115 60.3 46.0 69.0



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: 138.24 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093155.D

Acq: 24 Feb 2017 20:10

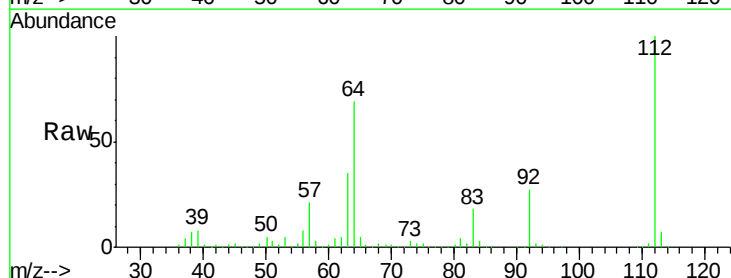
Tgt Ion:112 Resp: 1190713

Ion Ratio Lower Upper

112 100

64 68.6 46.1 69.1

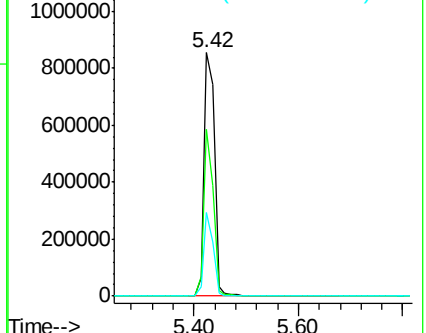
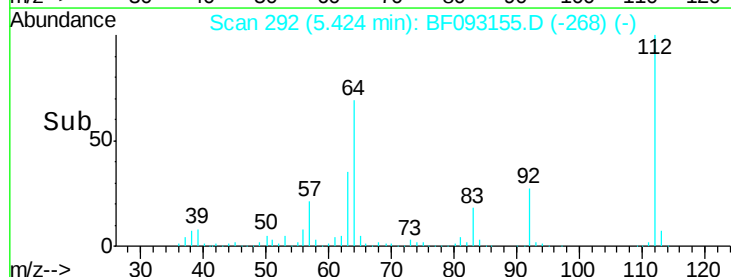
63 34.5 23.8 35.6



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: 138.13 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093155.D

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Instrument :

BNA_F

ClientSampleId :

SRI-SB-6(8-10)20170222

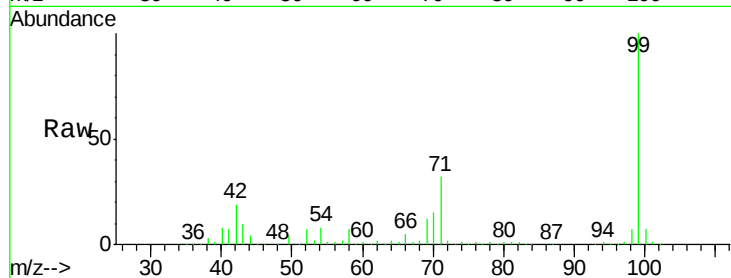
Tgt Ion: 99 Resp: 1530823

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

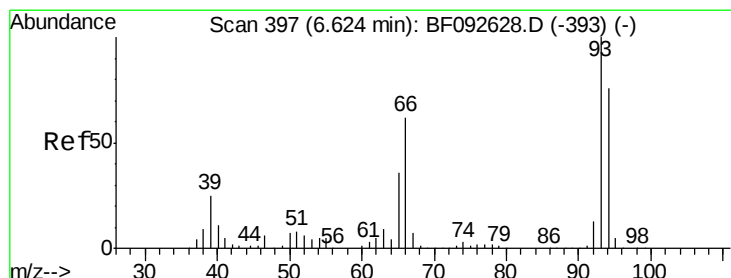
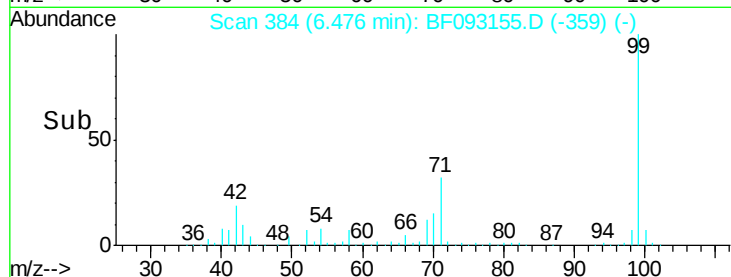
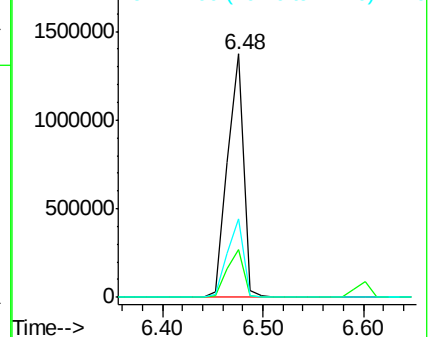
71 32.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 7.22 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093155.D

Acq: 24 Feb 2017 20:10

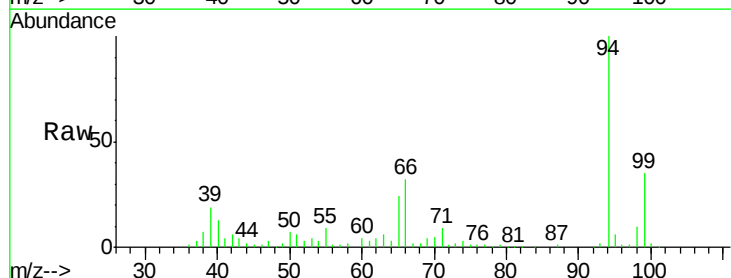
Tgt Ion: 94 Resp: 93647

Ion Ratio Lower Upper

94 100

65 24.5 21.4 61.4

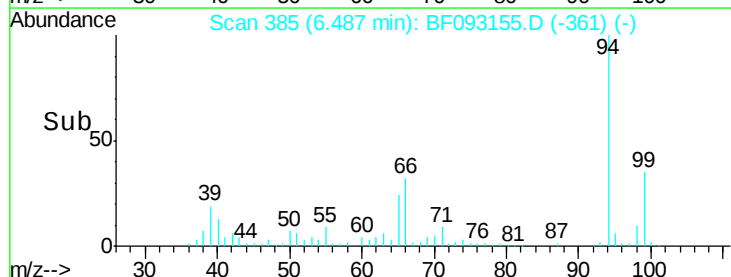
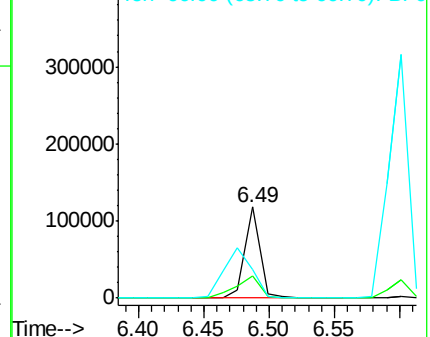
66 32.2 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

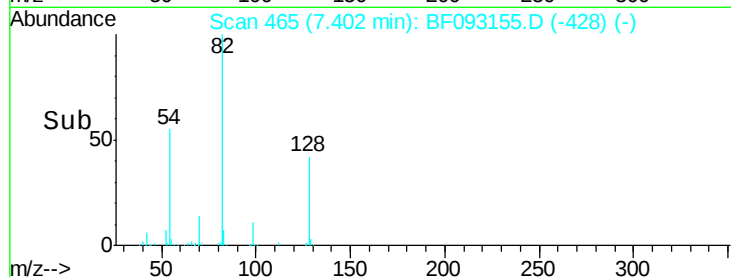
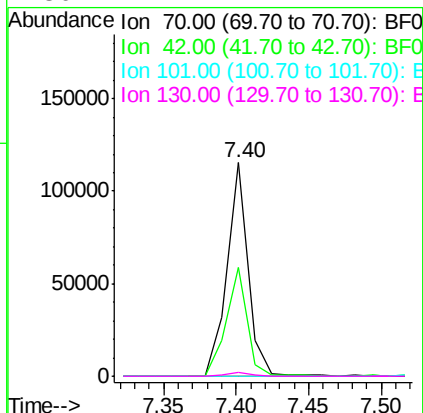
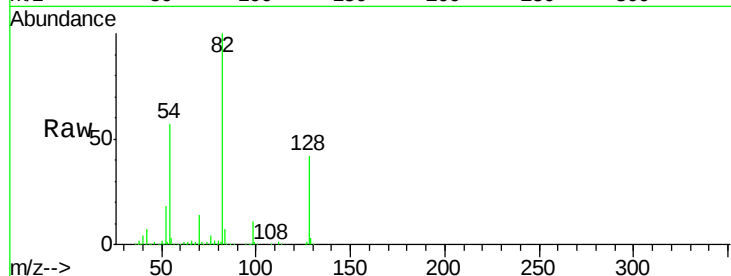




#19
n-Nitroso-di-n-propylamine
Concen: 16.46 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093155.D
Acq: 24 Feb 2017 20:10

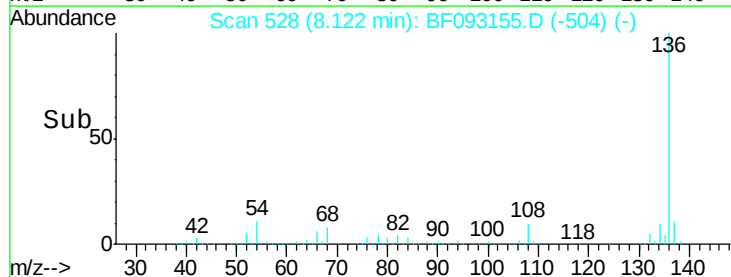
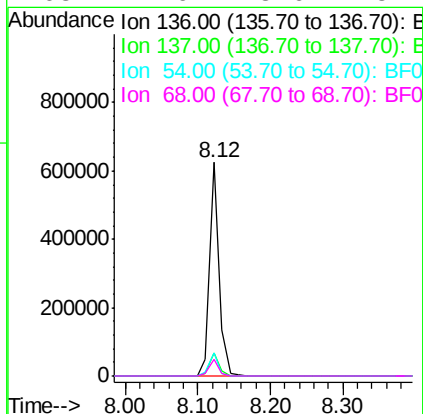
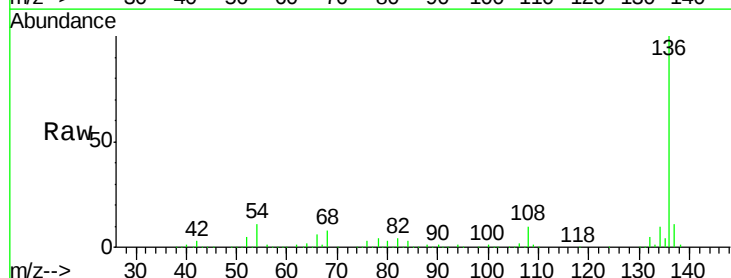
Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222

Tgt Ion: 70 Resp: 116103
Ion Ratio Lower Upper
70 100
42 50.8 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093155.D
Acq: 24 Feb 2017 20:10

Tgt Ion: 136 Resp: 565560
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 10.7 4.5 6.7#
68 7.6 3.6 5.4#

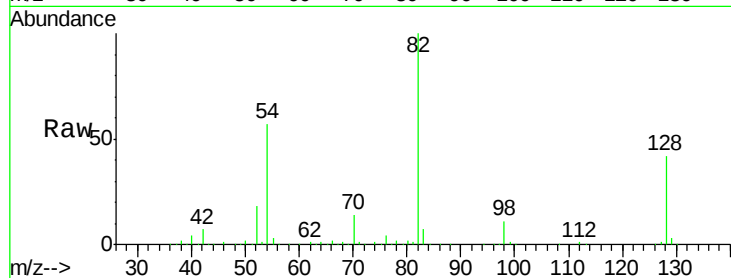




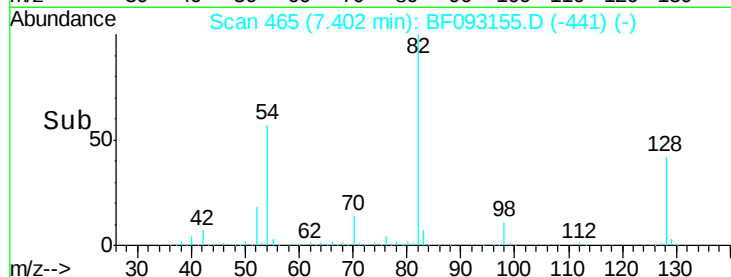
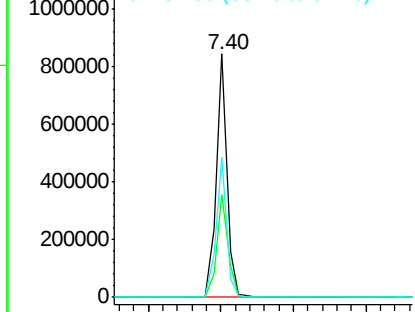
#23
 Nitrobenzene-d5
 Concen: 85.75 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093155.D
 Acq: 24 Feb 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222

Tgt Ion: 82 Resp: 870847
 Ion Ratio Lower Upper
 82 100
 128 42.0 34.6 52.0
 54 57.4 39.5 59.3

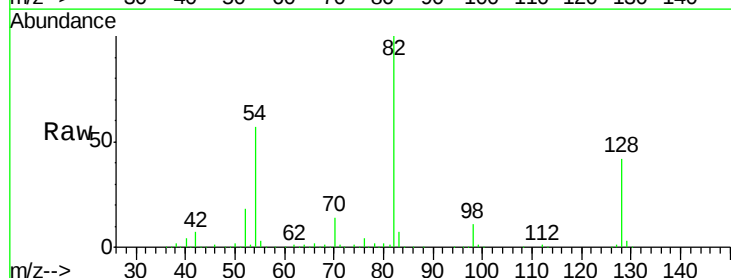


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

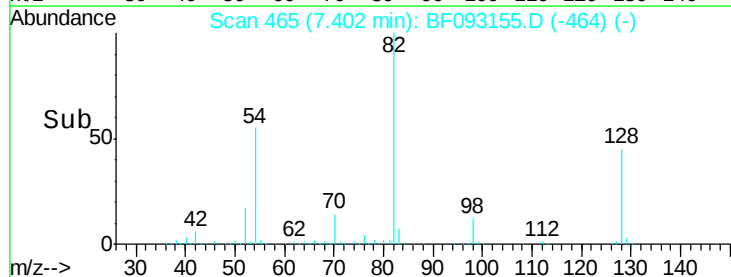
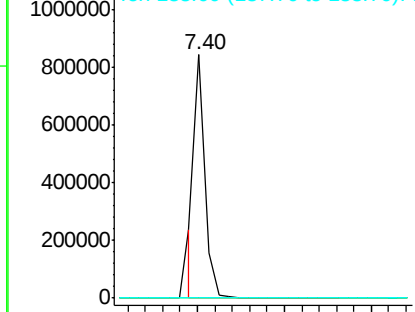


#25
 Isophorone
 Concen: 37.12 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.29 min
 Lab File: BF093155.D
 Acq: 24 Feb 2017 20:10

Tgt Ion: 82 Resp: 702574
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

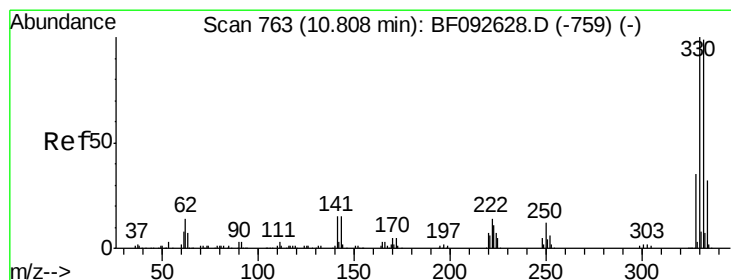
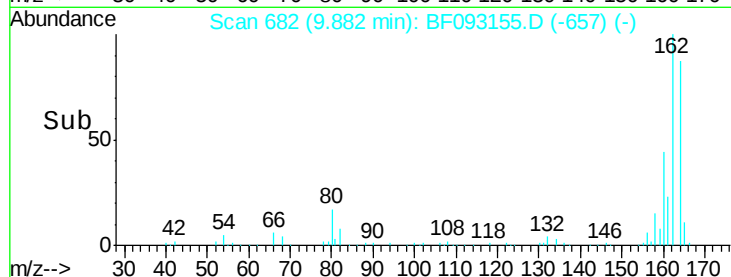
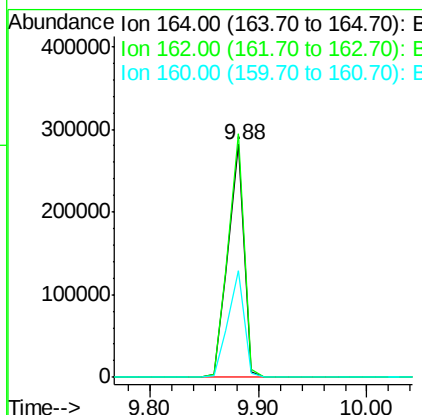
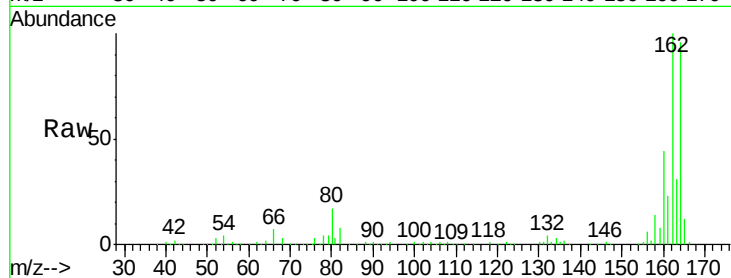




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093155.D
 Acq: 24 Feb 2017 20:10

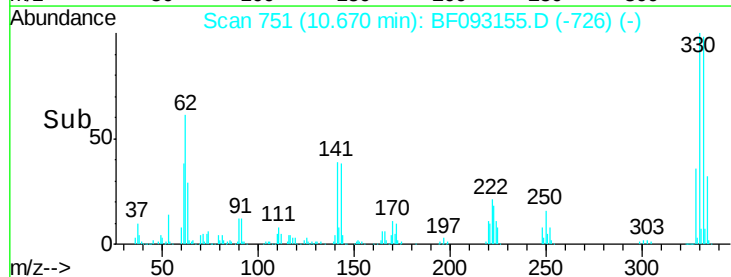
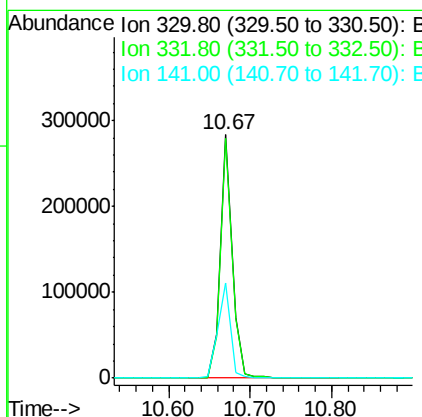
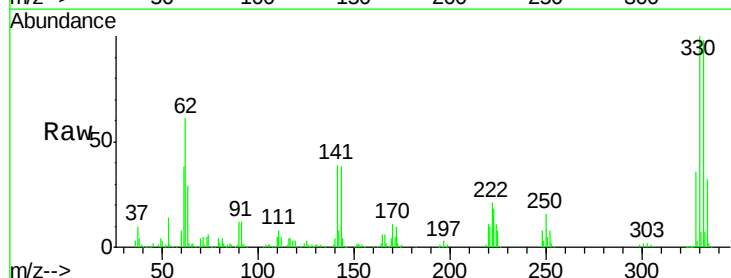
Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222

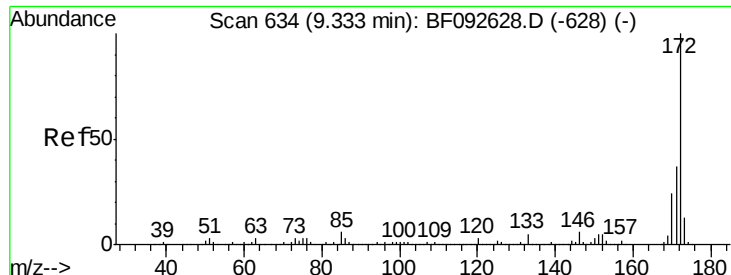
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.2	120.2
160	45.6	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 138.44 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093155.D
 Acq: 24 Feb 2017 20:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	40.9	34.1	51.1

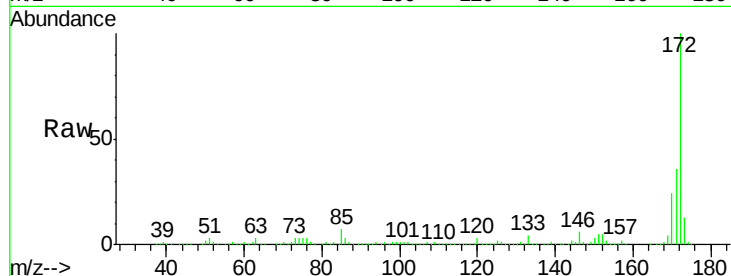




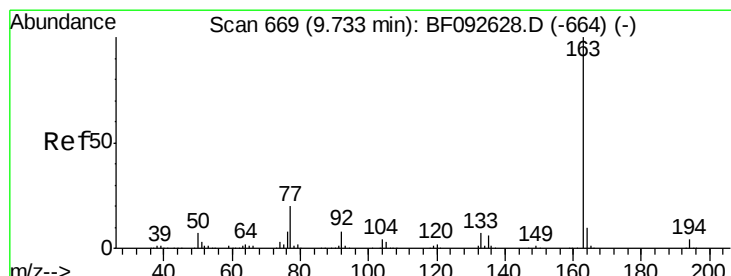
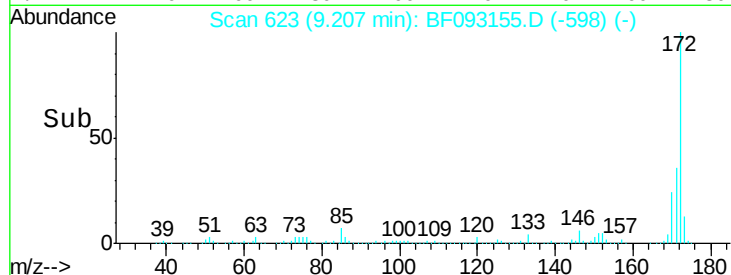
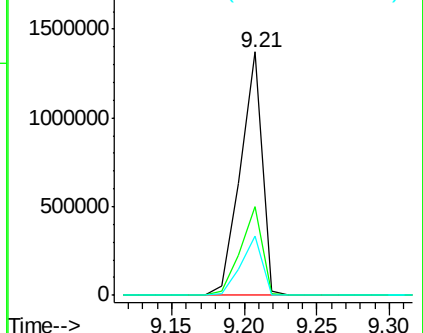
#44
 2-Fluorobiphenyl
 Concen: 90.82 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093155.D
 Acq: 24 Feb 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 1438013
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.3 20.2 30.4

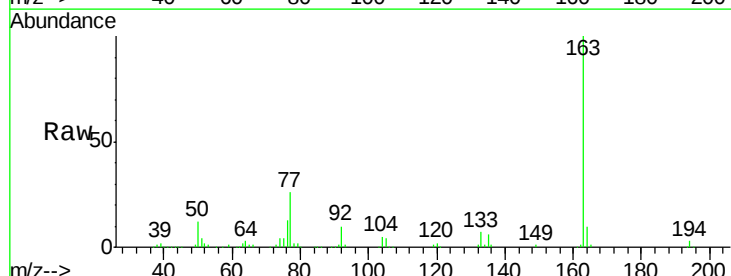


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

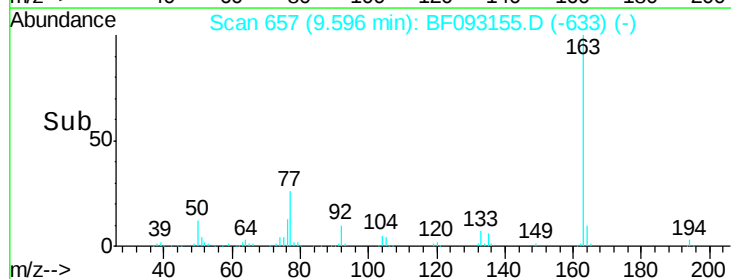
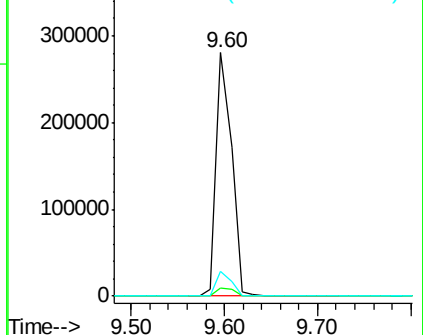


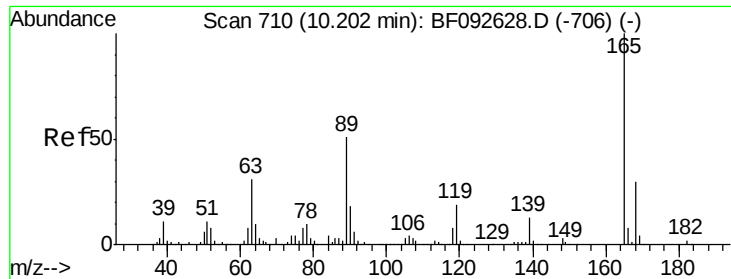
#49
 Dimethylphthalate
 Concen: 16.65 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093155.D
 Acq: 24 Feb 2017 20:10

Tgt Ion:163 Resp: 321727
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.4
 164 10.4 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

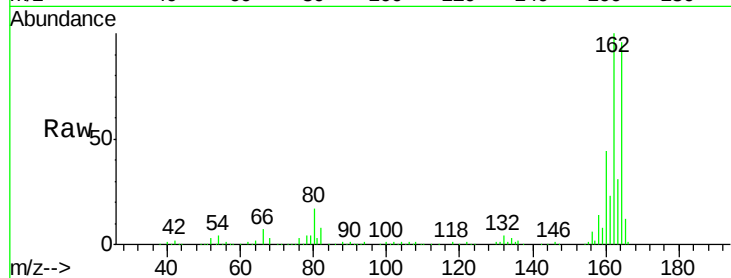




#56
 2,4-Dinitrotoluene
 Concen: 6.48 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.21 min
 Lab File: BF093155.D
 Acq: 24 Feb 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222

Tgt Ion:	165	Resp:	36010
Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#

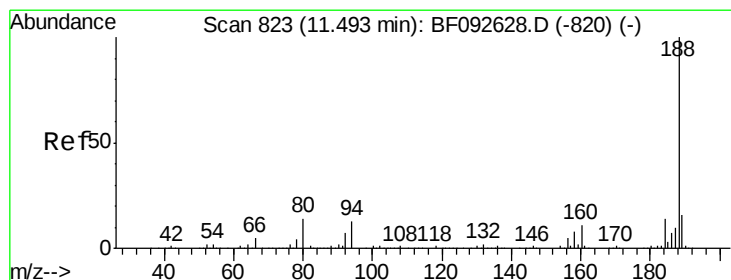
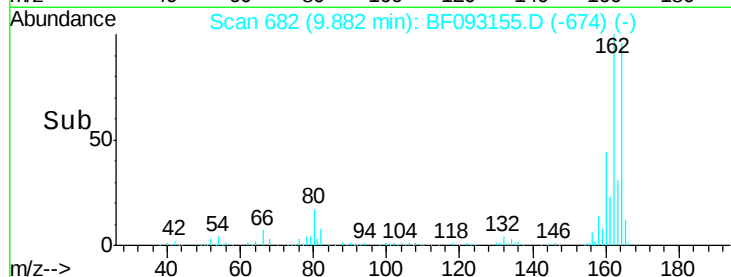
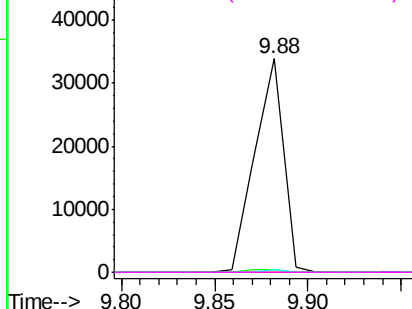


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

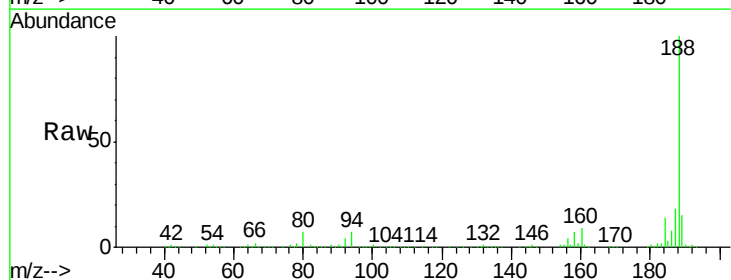
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF093155.D
 Acq: 24 Feb 2017 20:10

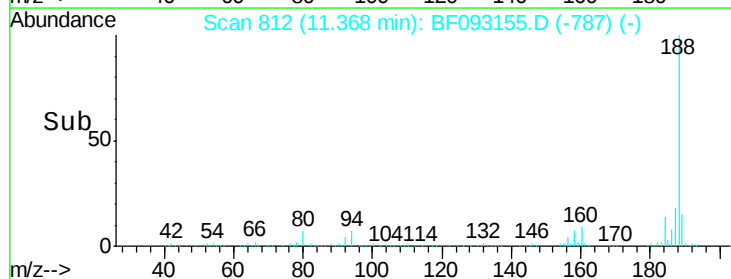
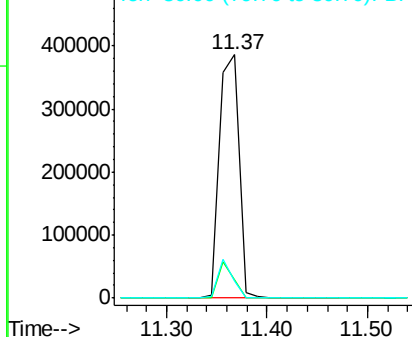
Tgt Ion:	188	Resp:	526152
Ion	Ratio	Lower	Upper
188	100		
94	7.3	10.0	15.0#
80	7.2	11.2	16.8#

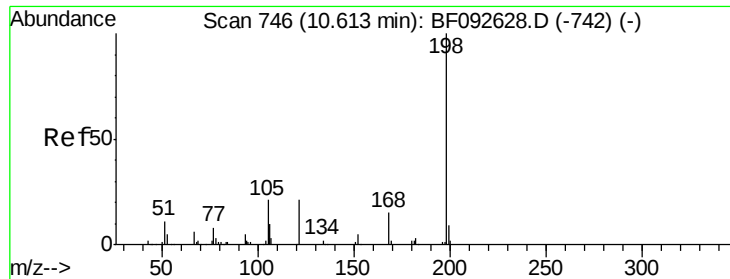


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

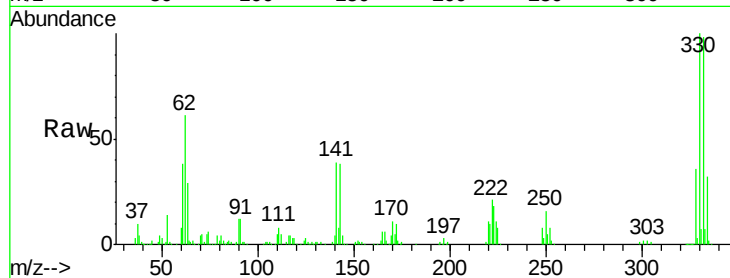




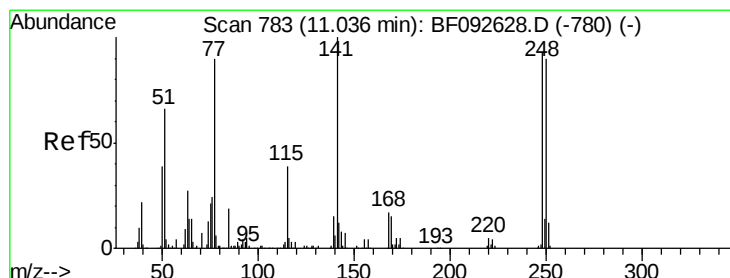
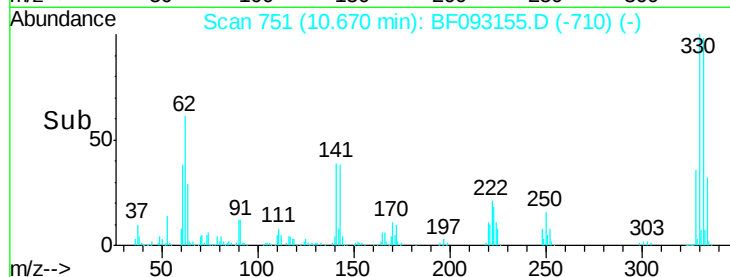
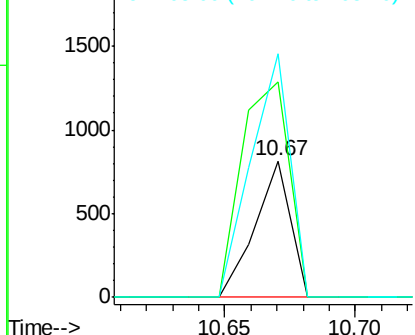
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.90 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.17 min
 Lab File: BF093155.D
 Acq: 24 Feb 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-6(8-10)20170222

Tgt Ion:198 Resp: 774
 Ion Ratio Lower Upper
 198 100
 51 158.1 6.7 46.7#
 105 178.8 16.6 56.6#

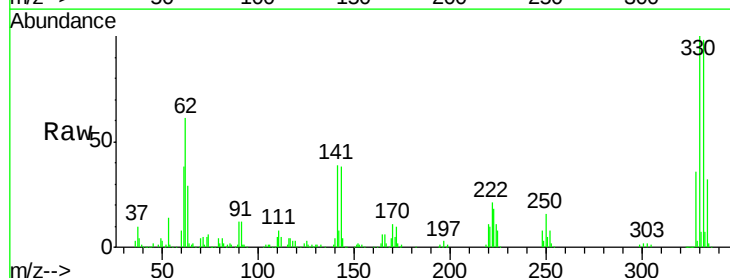


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

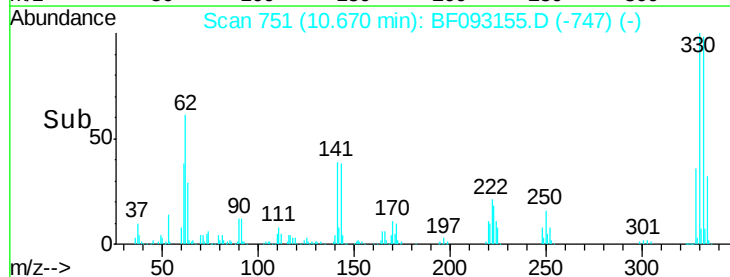
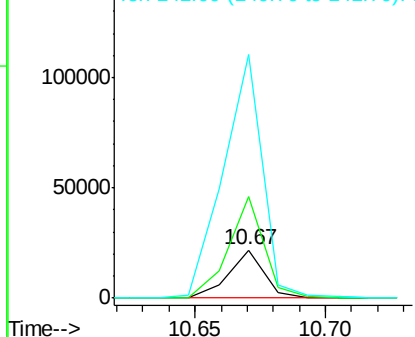


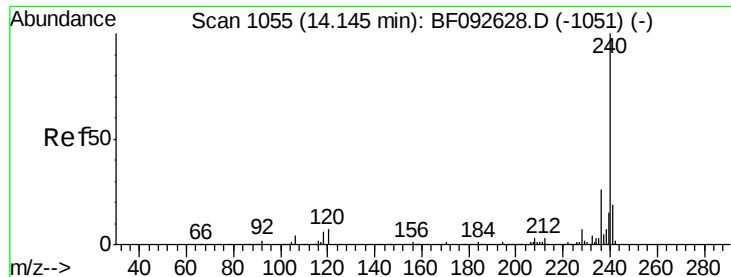
#66
 4-Bromophenyl-phenylether
 Concen: 3.82 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF093155.D
 Acq: 24 Feb 2017 20:10

Tgt Ion:248 Resp: 21023
 Ion Ratio Lower Upper
 248 100
 250 209.7 76.9 115.3#
 141 503.7 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093155.D

Acq: 24 Feb 2017 20:10

Instrument :

BNA_F

ClientSampleId :

SRI-SB-6(8-10)20170222

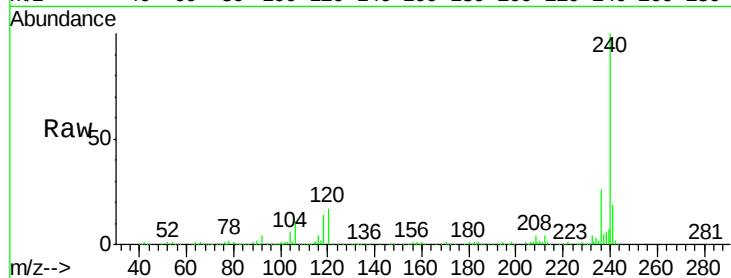
Tgt Ion:240 Resp: 454702

Ion Ratio Lower Upper

240 100

120 16.5 12.9 19.3

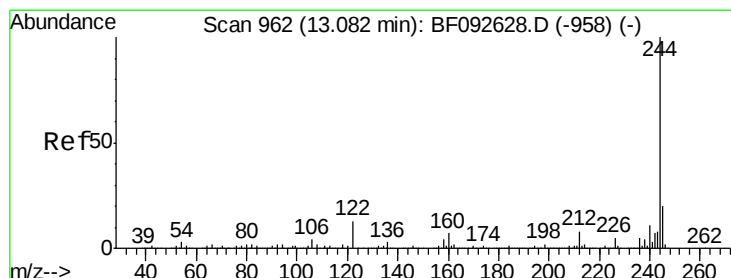
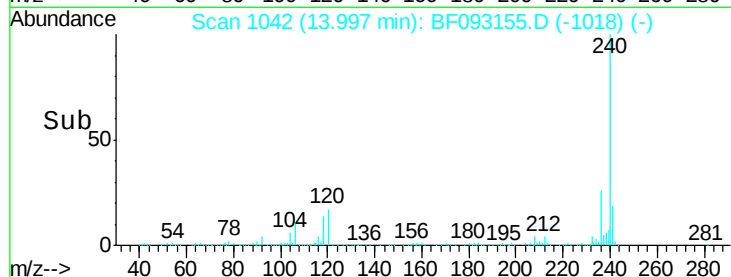
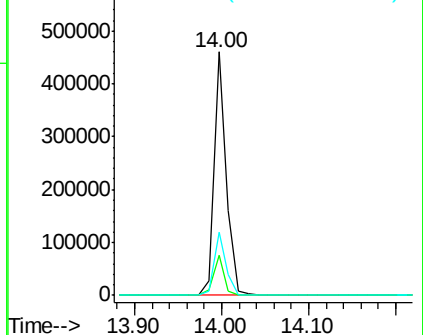
236 25.8 20.9 31.3



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: 67.81 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093155.D

Acq: 24 Feb 2017 20:10

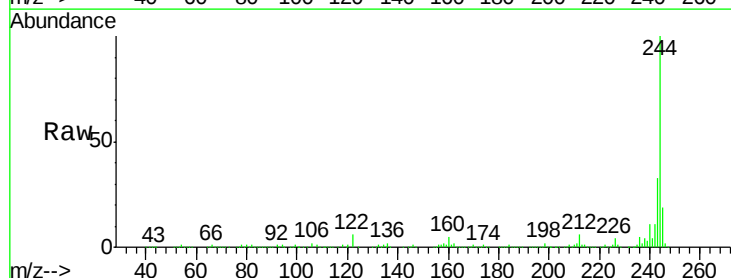
Tgt Ion:244 Resp: 1312276

Ion Ratio Lower Upper

244 100

212 6.4 6.2 9.2

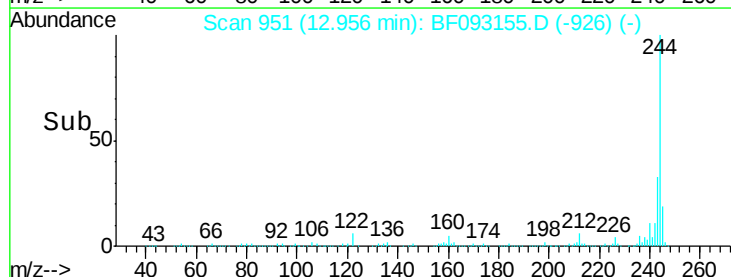
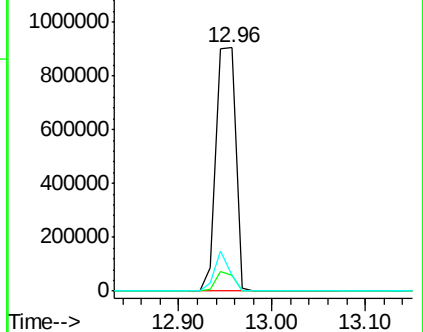
122 6.5 11.4 17.2#

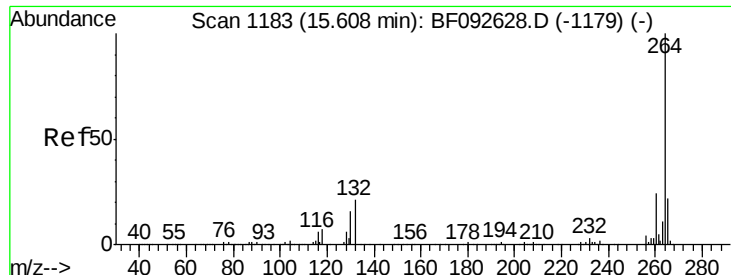


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093155.D
Acq: 24 Feb 2017 20:10

Instrument :
BNA_F
ClientSampleId :
SRI-SB-6(8-10)20170222

Tgt Ion: 264 Resp: 341083
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 22.2 17.4 26.0

