

Data File : BF093159.D
Acq On : 24 Feb 2017 22:04
Operator : SJ/MA
Sample : I1957-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-7(8-9)20170222

Quant Time: Feb 24 22:32:19 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	154618	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	613394	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	278736	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	550186	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	479231	20.00	ng	-0.02
86) Perylene-d12	15.43	264	353082	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	855263	94.90	ng	-0.02
7) Phenol-d6	6.48	99	1286050	110.91	ng	-0.01
23) Nitrobenzene-d5	7.40	82	752533	68.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	247360	122.70	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1264900	82.21	ng	-0.02
78) Terphenyl-d14	12.95	244	1127112	55.26	ng	-0.02

Target Compounds						Qvalue
10) Phenol	6.49	94	52309	3.86	ng	# 66
19) n-Nitroso-di-n-propylamine	7.40	70	99258	13.45	ng	# 80
25) Isophorone	7.40	82	596254	29.05	ng	# 65
49) Dimethylphthalate	9.60	163	93872	5.00	ng	100
50) 2,6-Dinitrotoluene	9.87	165	35362	8.72	ng	# 31
56) 2,4-Dinitrotoluene	9.87	165	35363	6.55	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.66	198	595	2.84	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	17214	2.99	ng	# 1

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

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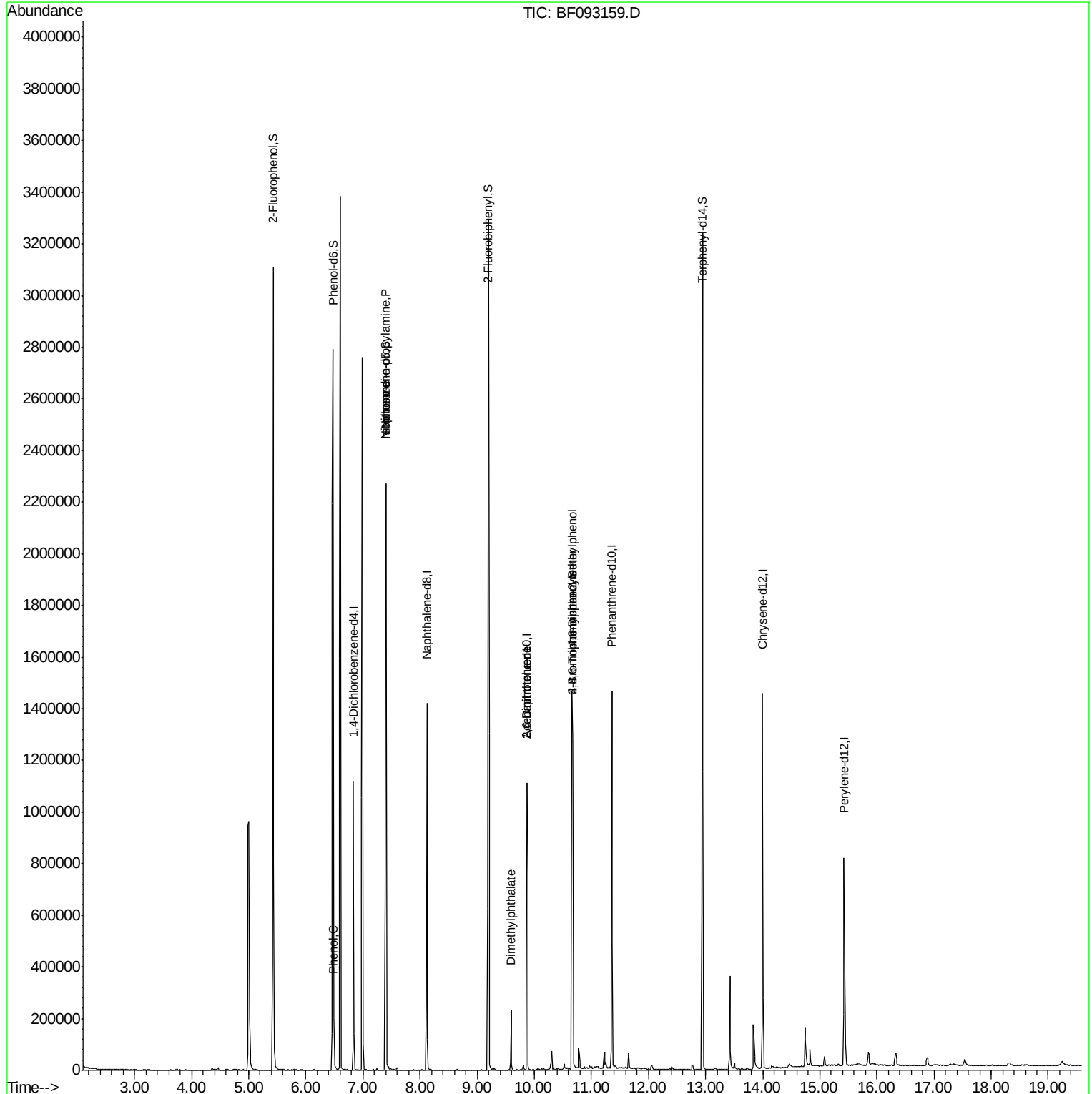
Quant Time: Feb 24 22:32:19 2017

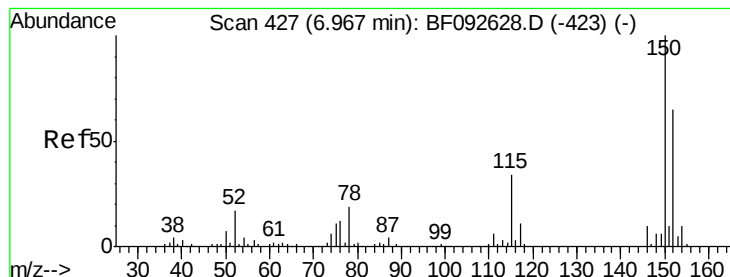
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration





#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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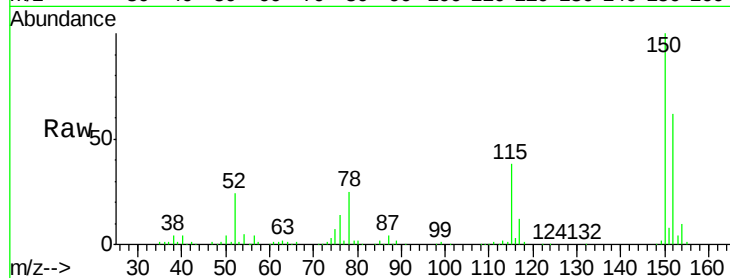
Tgt Ion:152 Resp: 154618

Ion Ratio Lower Upper

152 100

150 161.6 124.9 187.3

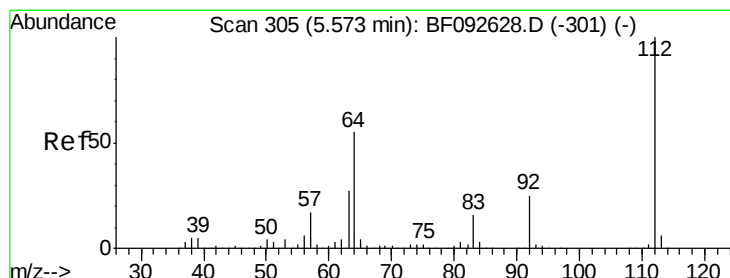
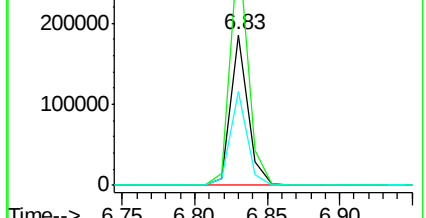
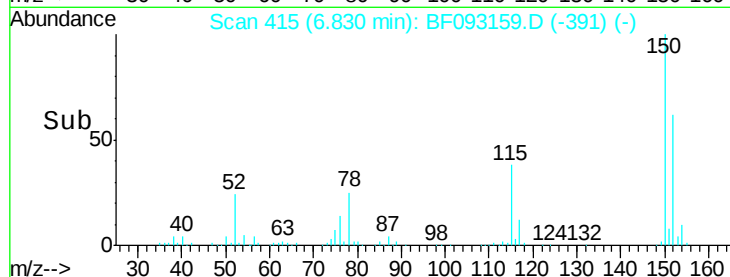
115 61.9 46.0 69.0



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: 94.90 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093159.D

Acq: 24 Feb 2017 22:04

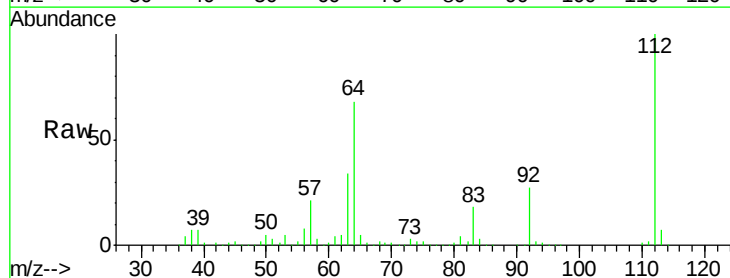
Tgt Ion:112 Resp: 855263

Ion Ratio Lower Upper

112 100

64 68.4 46.1 69.1

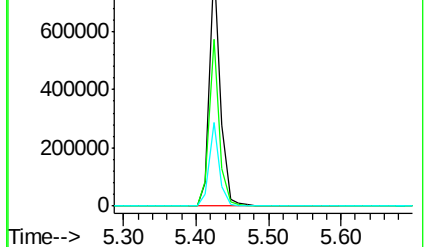
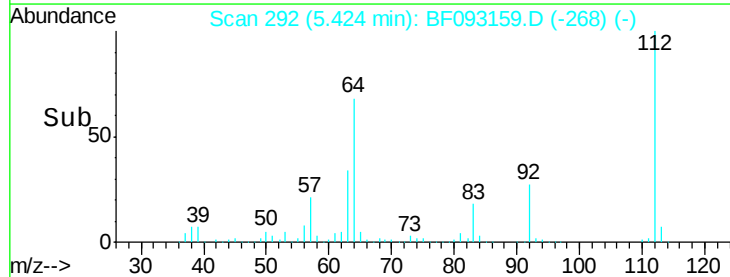
63 34.1 23.8 35.6



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: 110.91 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093159.D

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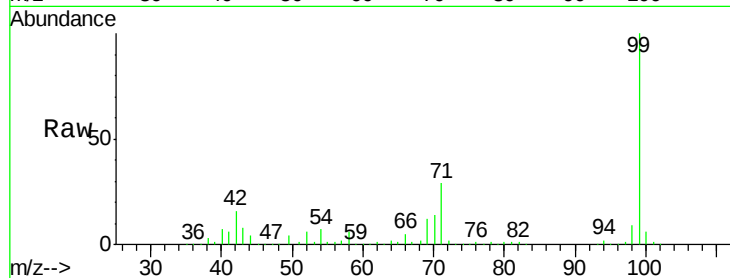
Tgt Ion: 99 Resp: 1286050

Ion Ratio Lower Upper

99 100

42 16.2 15.6 23.4

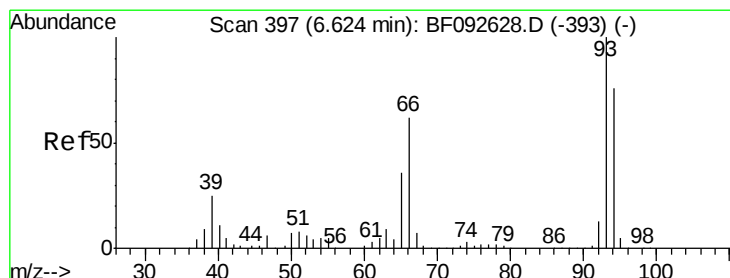
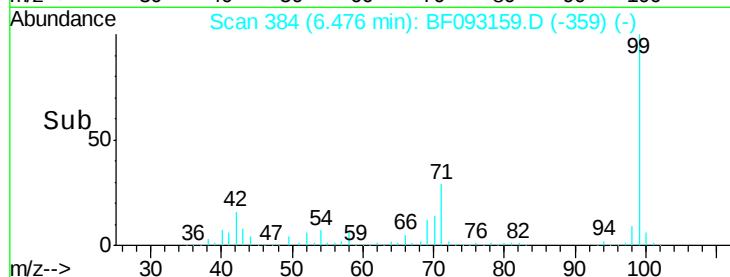
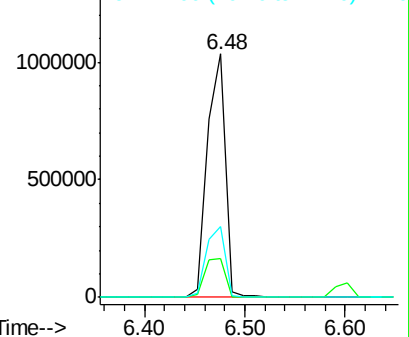
71 29.0 27.5 41.3



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: 3.86 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093159.D

Acq: 24 Feb 2017 22:04

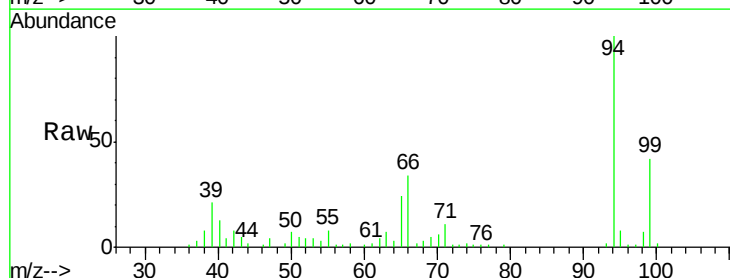
Tgt Ion: 94 Resp: 52309

Ion Ratio Lower Upper

94 100

65 24.0 21.4 61.4

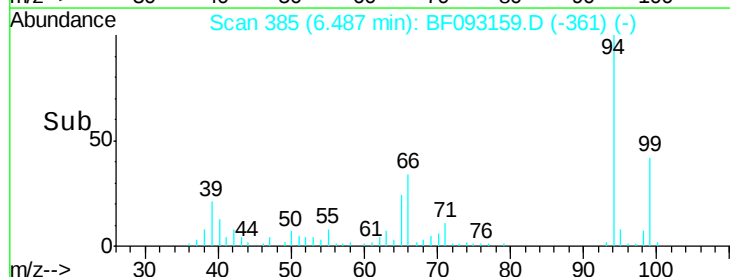
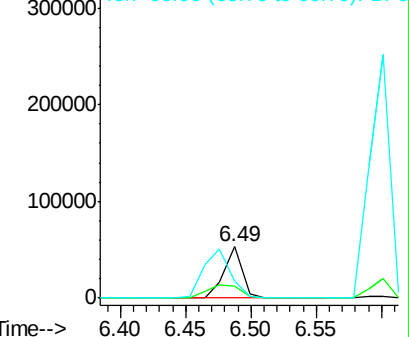
66 34.0 44.0 84.0#



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

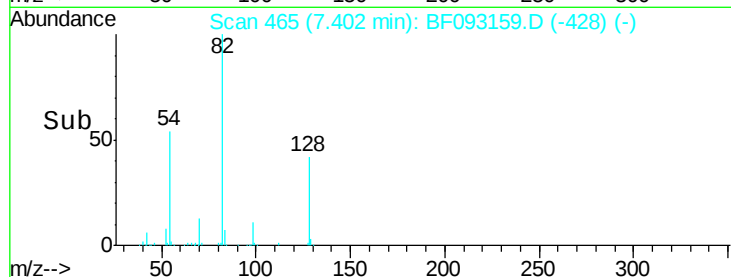
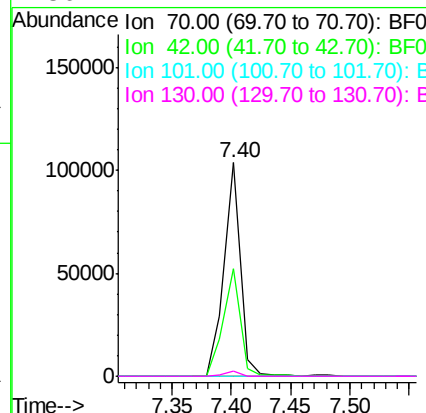
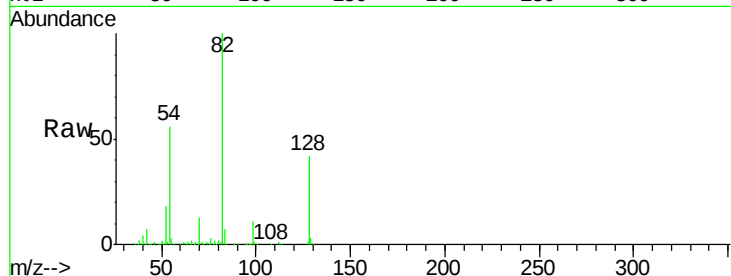




#19
n-Nitroso-di-n-propylamine
Concen: 13.45 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093159.D
Acq: 24 Feb 2017 22:04

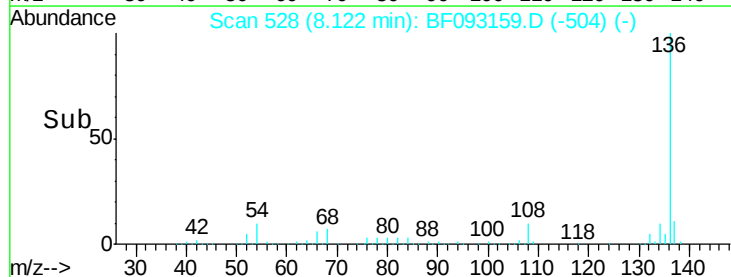
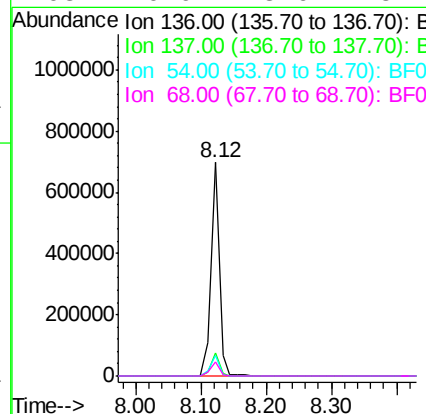
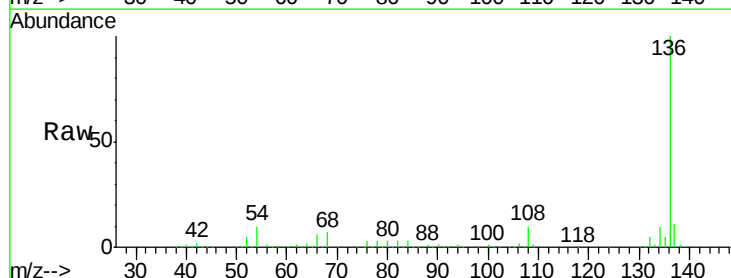
Instrument :
BNA_F
ClientSampleId :
SRI-SB-7(8-9)20170222

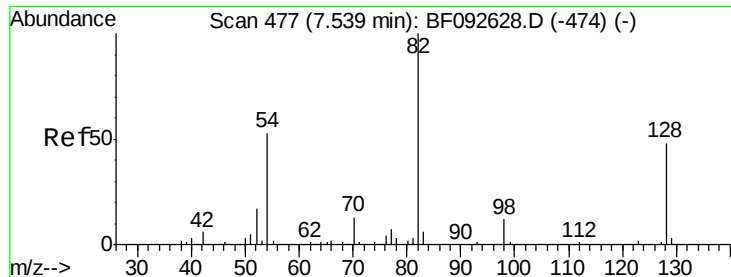
Tgt Ion: 70 Resp: 99258
Ion Ratio Lower Upper
70 100
42 50.1 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093159.D
Acq: 24 Feb 2017 22:04

Tgt Ion: 136 Resp: 613394
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 9.8 4.5 6.7#
68 6.9 3.6 5.4#

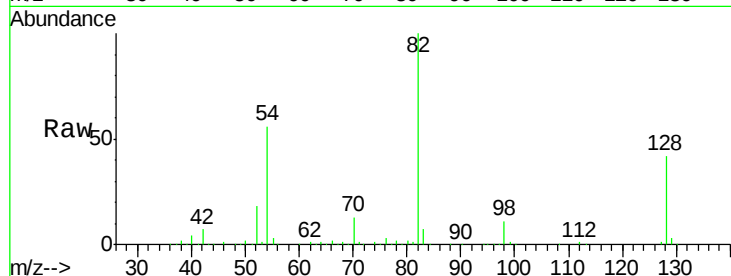




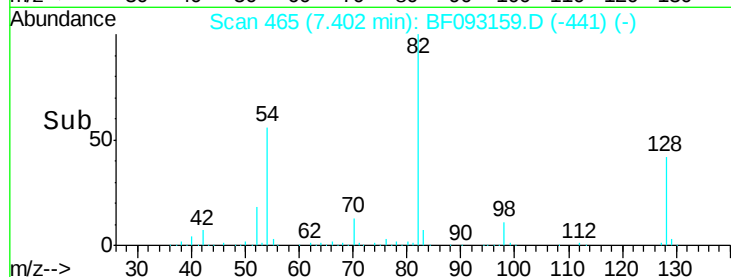
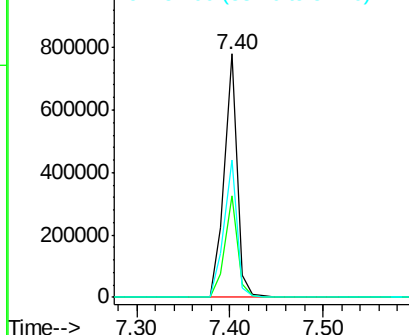
#23
 Nitrobenzene-d5
 Concen: 68.32 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093159.D
 Acq: 24 Feb 2017 22:04

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-7(8-9)20170222

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	52.0
54	56.2	39.5	59.3

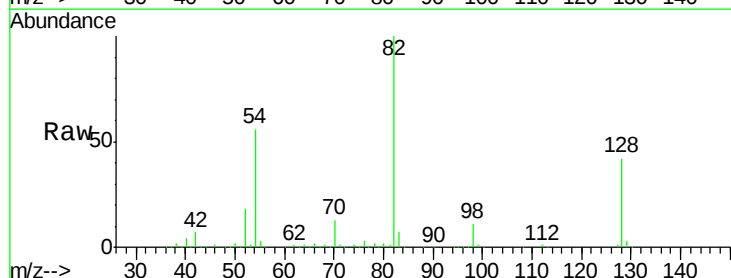


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

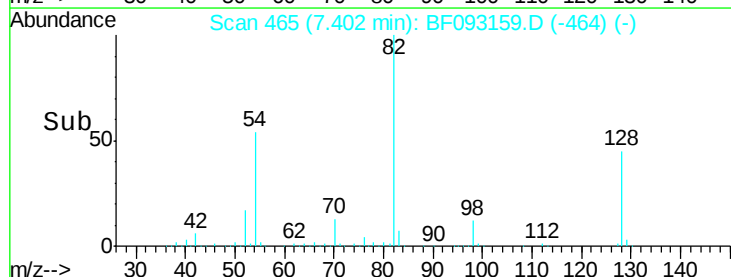
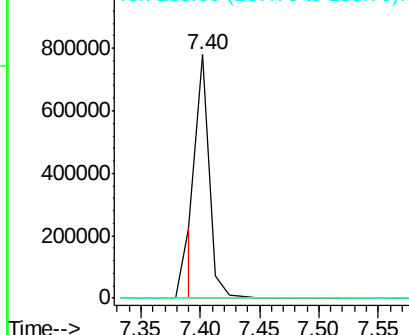


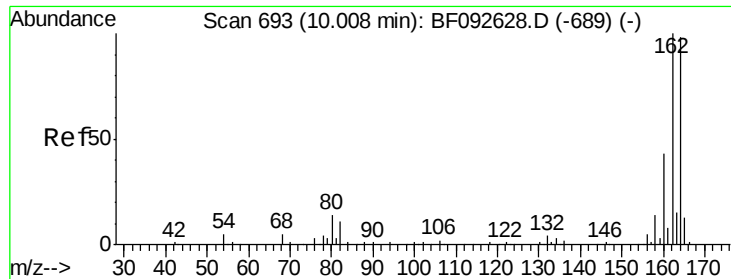
#25
 Isophorone
 Concen: 29.05 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.29 min
 Lab File: BF093159.D
 Acq: 24 Feb 2017 22:04

Tgt 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

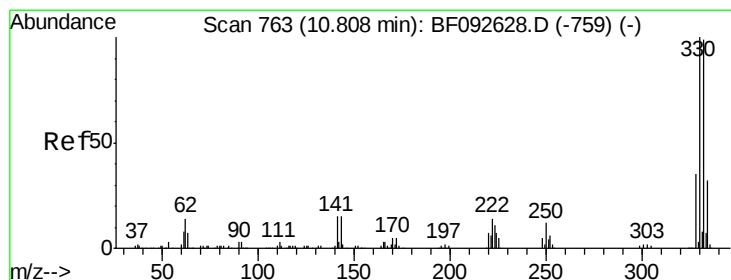
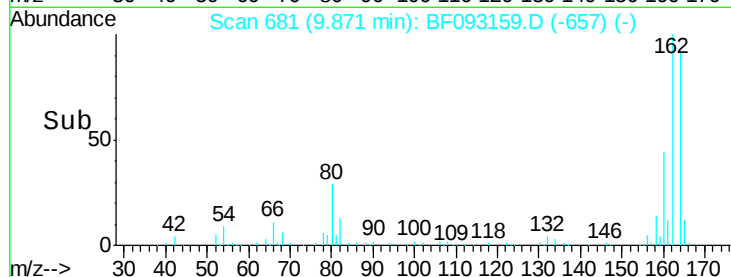
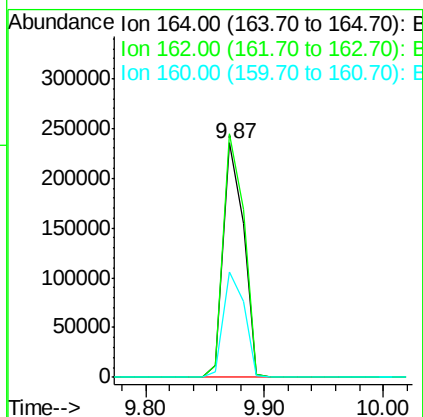
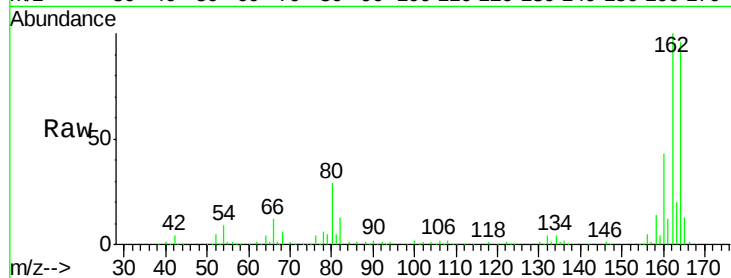




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093159.D
 Acq: 24 Feb 2017 22:04

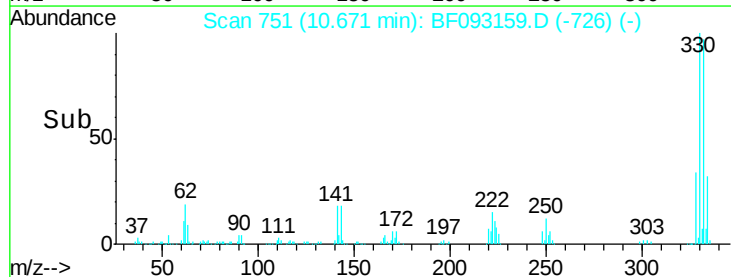
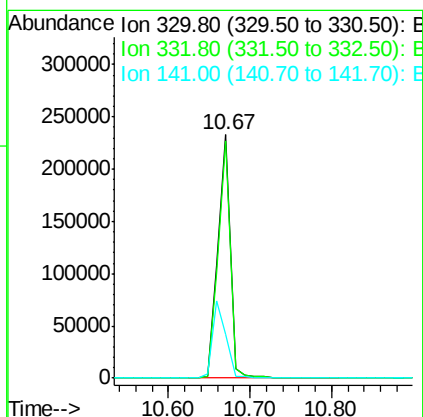
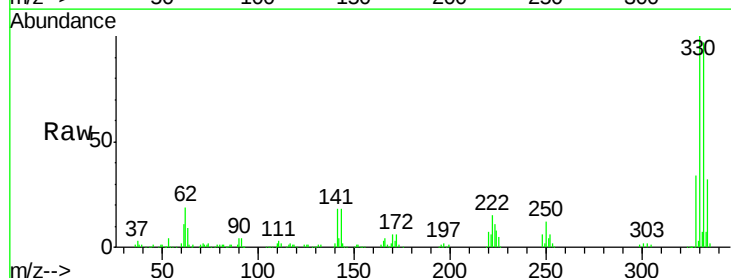
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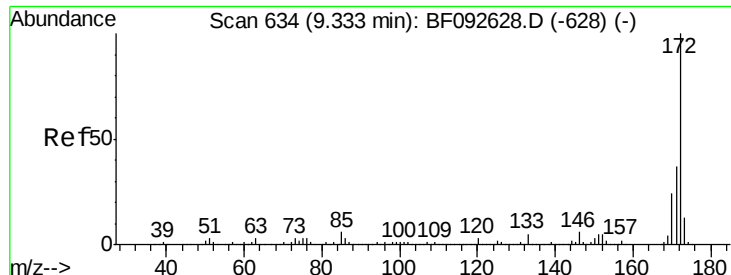
Tgt Ion:164 Resp: 278736
 Ion Ratio Lower Upper
 164 100
 162 103.8 80.2 120.2
 160 45.0 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 122.70 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093159.D
 Acq: 24 Feb 2017 22:04

Tgt Ion:330 Resp: 247360
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 34.6 34.1 51.1

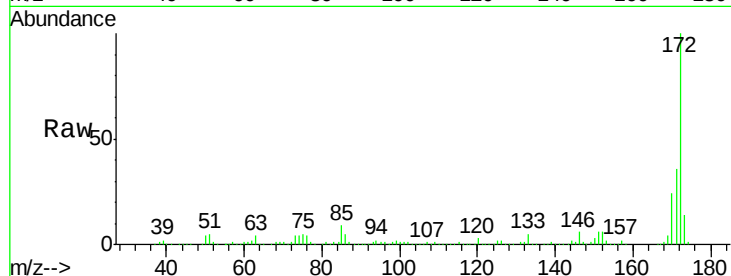




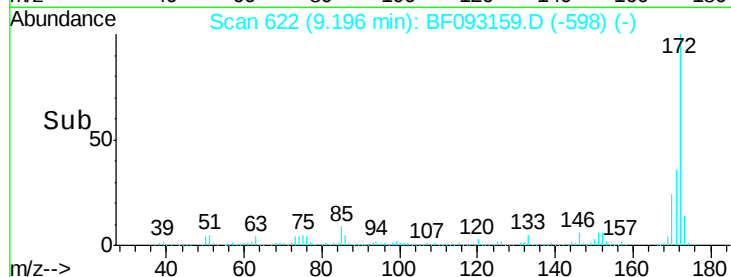
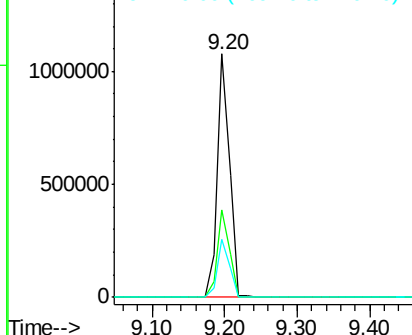
#44
2-Fluorobiphenyl
Concen: 82.21 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF093159.D
Acq: 24 Feb 2017 22:04

Instrument :
BNA_F
ClientSampleId :
SRI-SB-7(8-9)20170222

Tgt Ion:172 Resp: 1264900
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.0 20.2 30.4

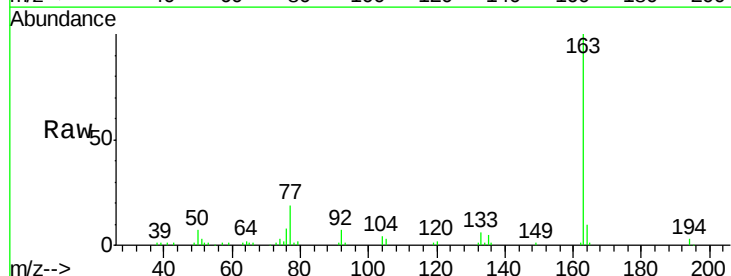


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

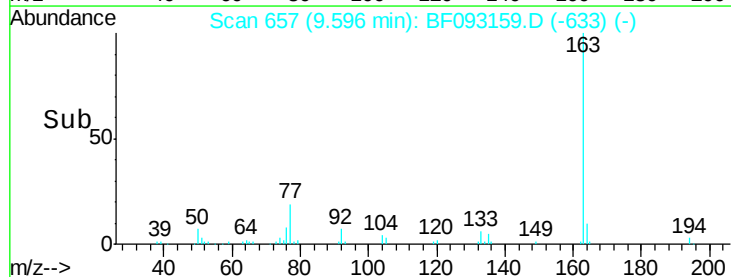
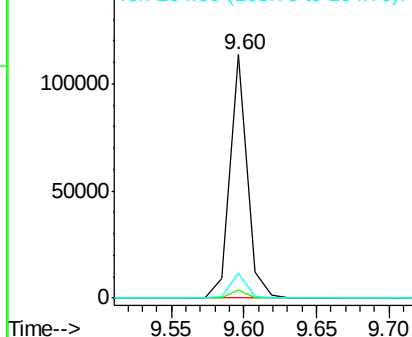


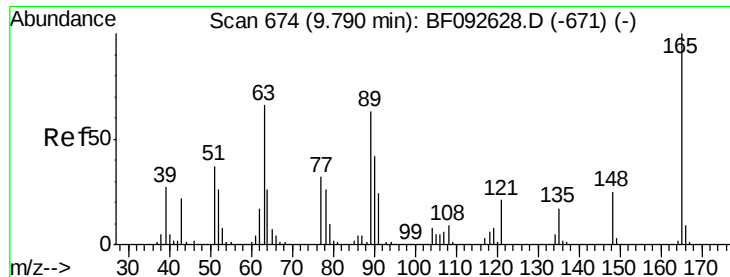
#49
Dimethylphthalate
Concen: 5.00 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093159.D
Acq: 24 Feb 2017 22:04

Tgt Ion:163 Resp: 93872
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.1 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

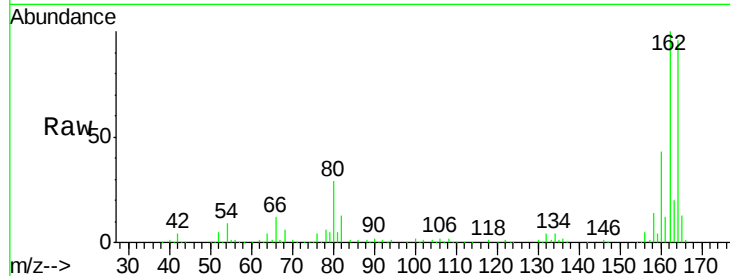




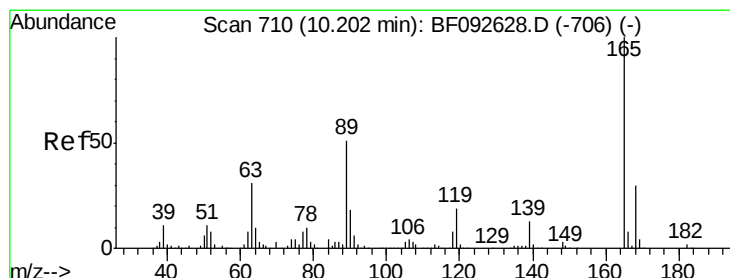
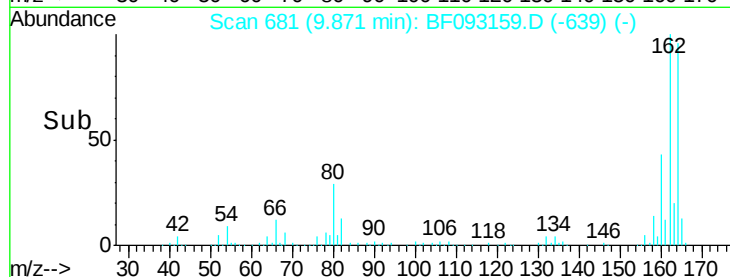
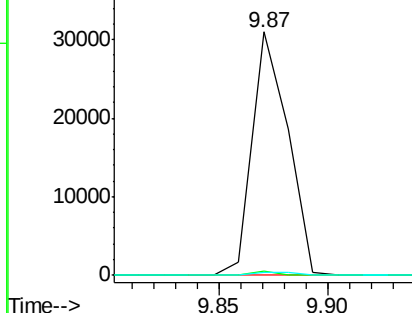
#50
 2,6-Dinitrotoluene
 Concen: 8.72 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.18 min
 Lab File: BF093159.D
 Acq: 24 Feb 2017 22:04

Instrument :
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 SRI-SB-7(8-9)20170222

Tgt Ion:165 Resp: 35362
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.2 54.4#
 89 1.4 40.2 60.4#

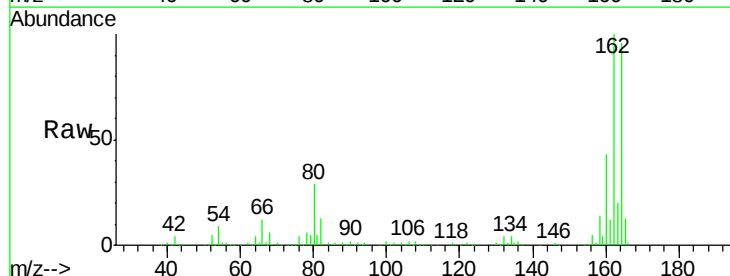


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

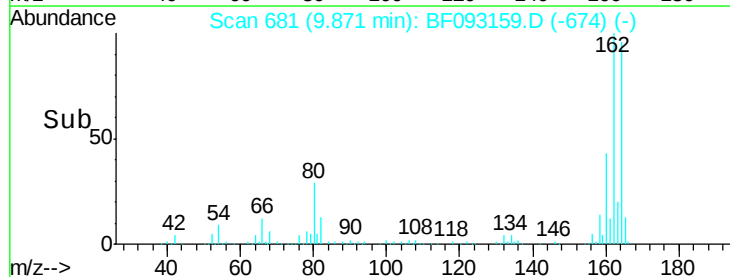
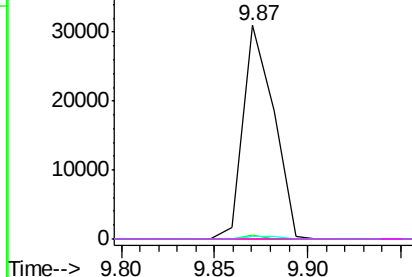


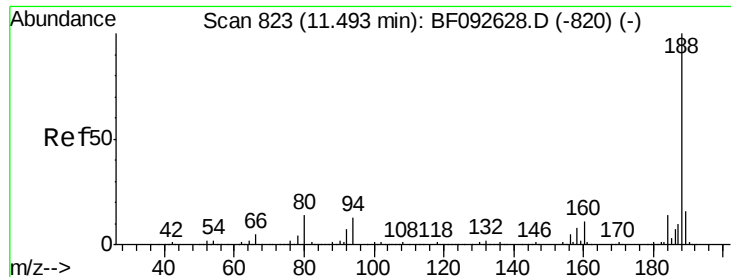
#56
 2,4-Dinitrotoluene
 Concen: 6.55 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF093159.D
 Acq: 24 Feb 2017 22:04

Tgt Ion:165 Resp: 35363
 Ion Ratio Lower Upper
 165 100
 63 1.7 40.2 60.4#
 89 1.4 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

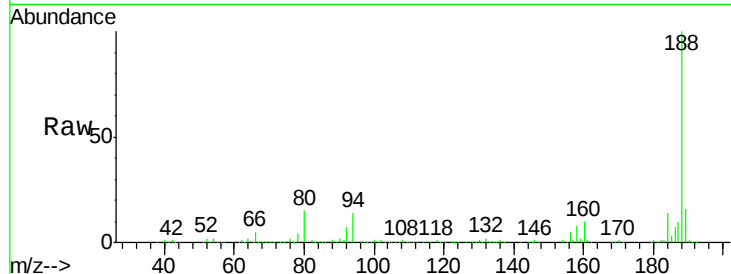




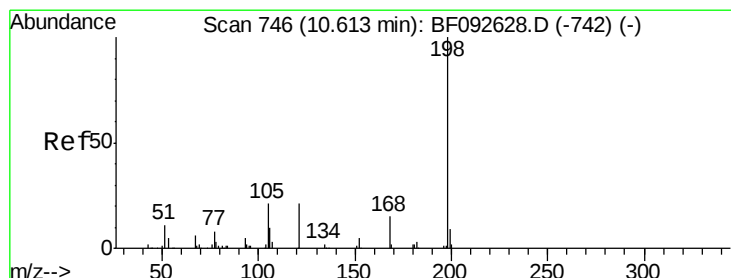
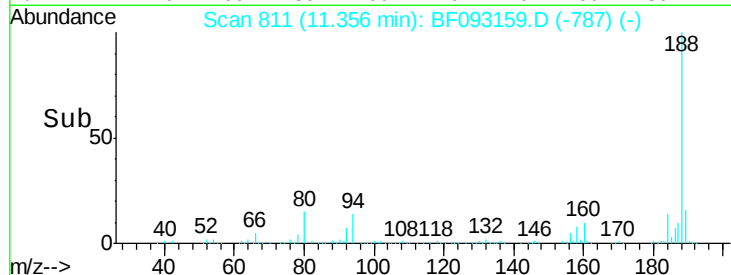
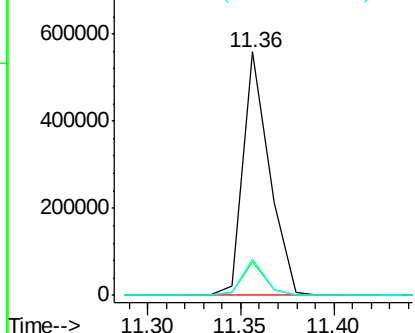
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093159.D
Acq: 24 Feb 2017 22:04

Instrument :
BNA_F
ClientSampleId :
SRI-SB-7(8-9)20170222

Tgt Ion:188 Resp: 550186
Ion Ratio Lower Upper
188 100
94 13.8 10.0 15.0
80 14.8 11.2 16.8

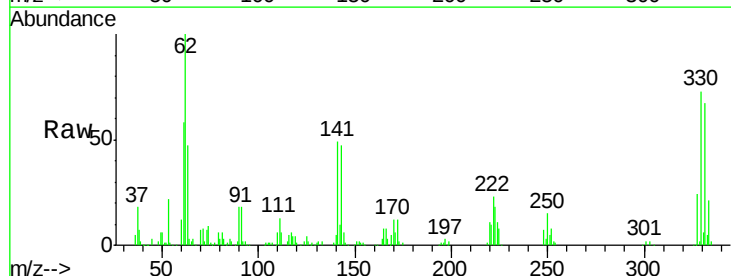


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

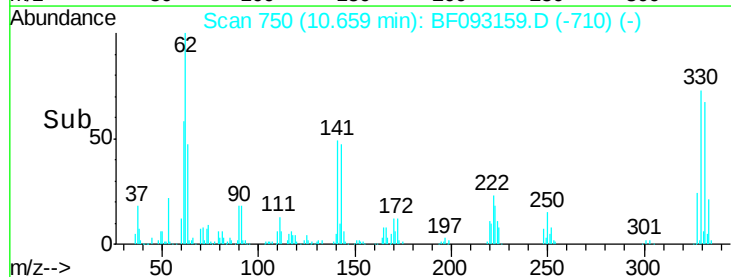
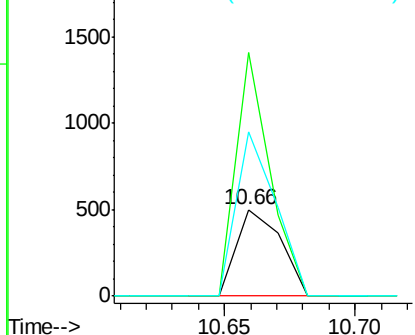


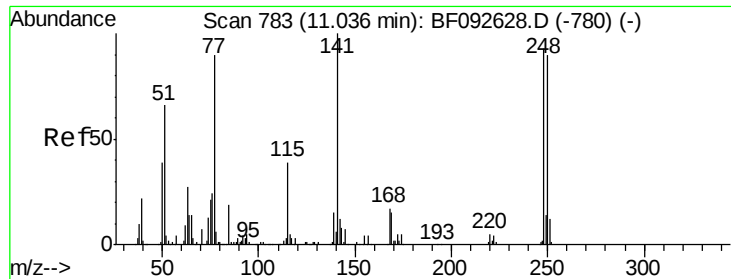
#64
4,6-Dinitro-2-methylphenol
Concen: 2.84 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.16 min
Lab File: BF093159.D
Acq: 24 Feb 2017 22:04

Tgt Ion:198 Resp: 595
Ion Ratio Lower Upper
198 100
51 281.4 6.7 46.7#
105 189.4 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: 2.99 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF093159.D

Acq: 24 Feb 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SRI-SB-7(8-9)20170222

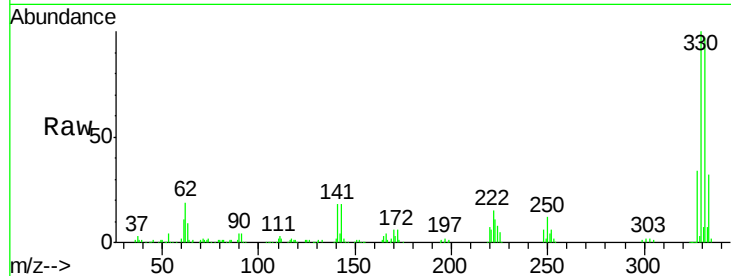
Tgt Ion:248 Resp: 17214

Ion Ratio Lower Upper

248 100

250 195.0 76.9 115.3#

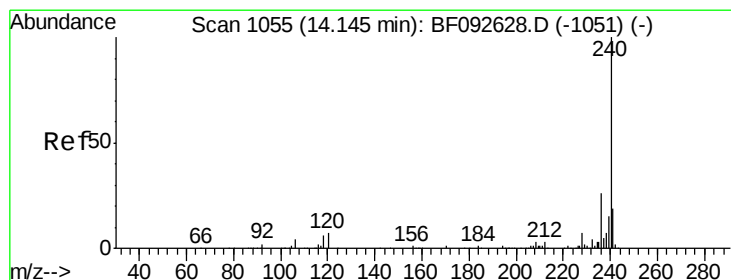
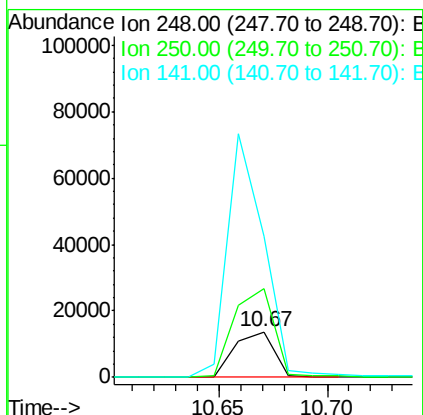
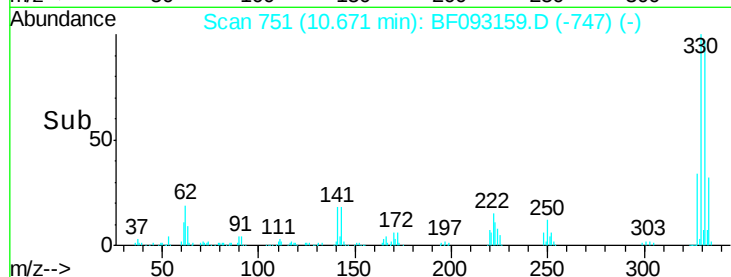
141 308.9 68.2 102.4#



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: BF093159.D

Acq: 24 Feb 2017 22:04

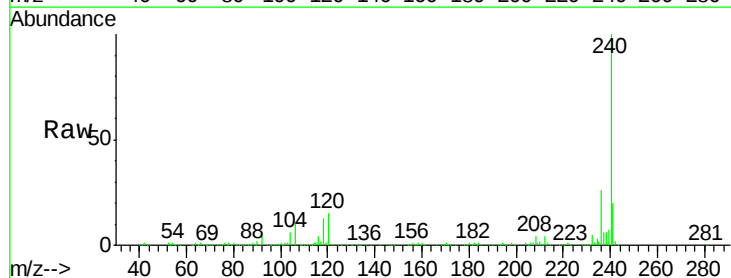
Tgt Ion:240 Resp: 479231

Ion Ratio Lower Upper

240 100

120 14.9 12.9 19.3

236 25.9 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

