

Data File : BF093154.D
Acq On : 24 Feb 2017 19:41
Operator : SJ/MA
Sample : I1957-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SRI-SB-4(10-11)20170221

Quant Time: Feb 24 22:07:01 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	150039	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	593324	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	276940	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	522625	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	485747	20.00	ng	-0.02
86) Perylene-d12	15.43	264	386280	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1383385	158.18	ng	-0.01
7) Phenol-d6	6.48	99	1582195	140.61	ng	-0.01
23) Nitrobenzene-d5	7.40	82	973264	91.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	342107	170.80	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1636125	107.03	ng	-0.02
78) Terphenyl-d14	12.94	244	1492901	72.21	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	53823	4.09	ng	# 70
19) n-Nitroso-di-n-propylamine	7.40	70	127211	17.76	ng	# 82
25) Isophorone	7.40	82	787345	39.66	ng	# 65
49) Dimethylphthalate	9.60	163	408378	21.89	ng	100
56) 2,4-Dinitrotoluene	9.87	165	34470	6.43	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.67	198	1079	2.99	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	26971	4.94	ng	# 1

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

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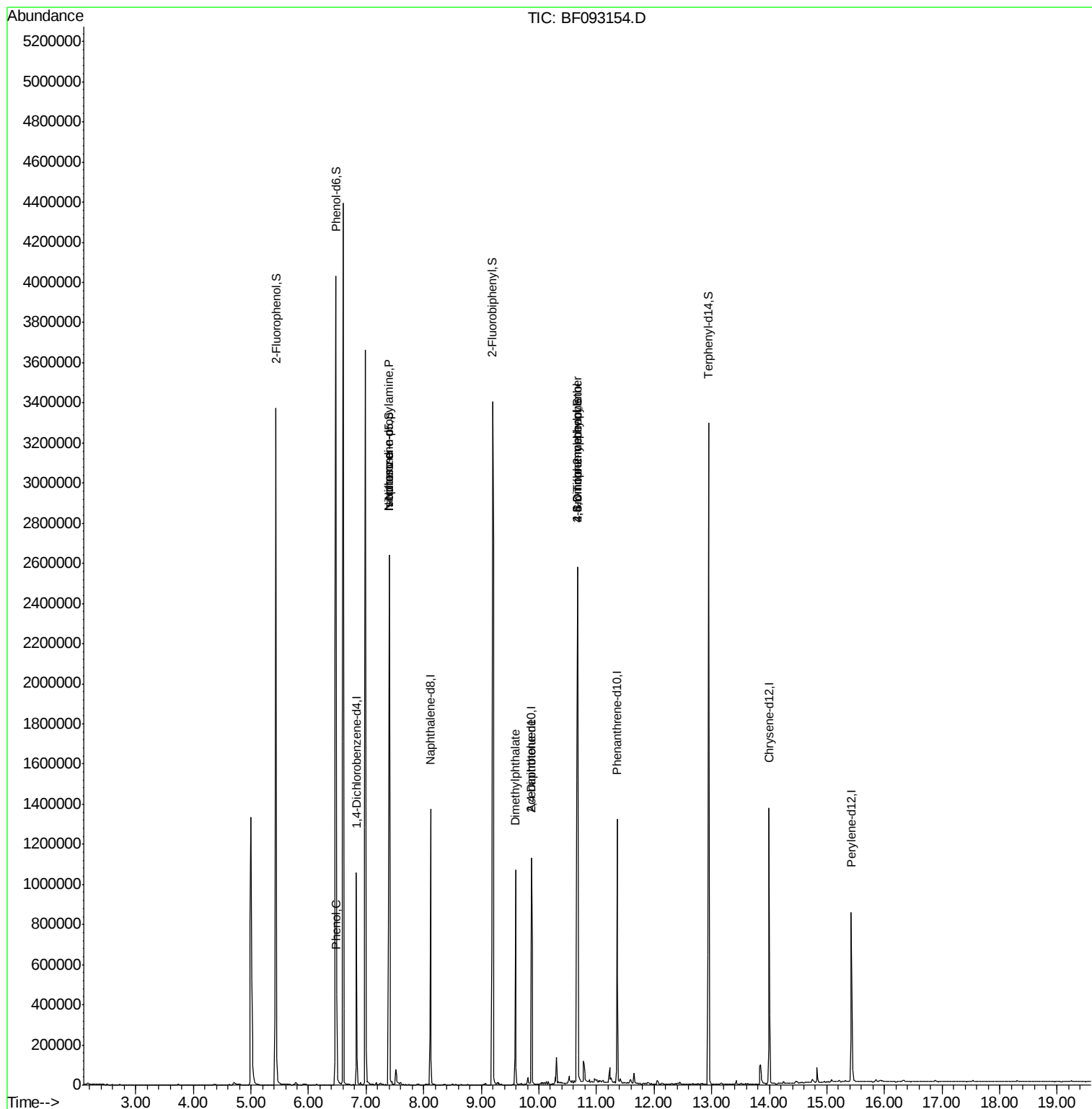
Quant Time: Feb 24 22:07:01 2017

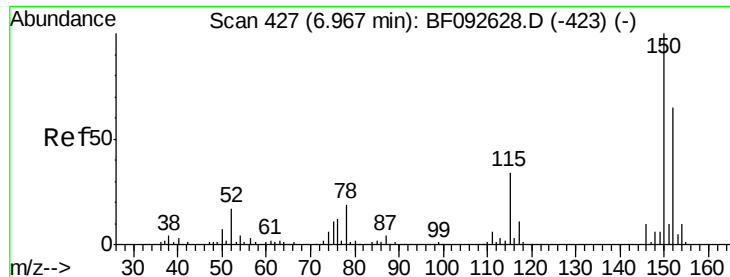
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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

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#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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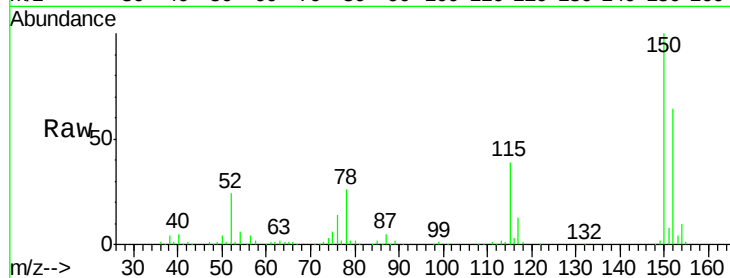
Tgt Ion:152 Resp: 150039

Ion Ratio Lower Upper

152 100

150 155.4 124.9 187.3

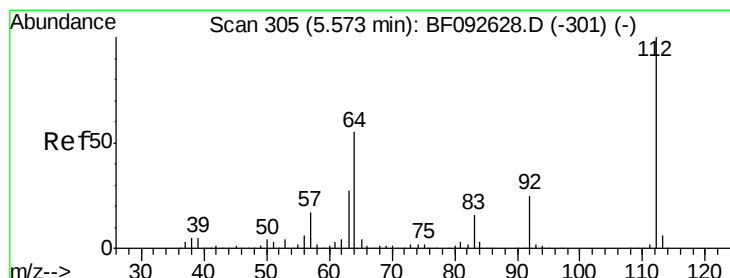
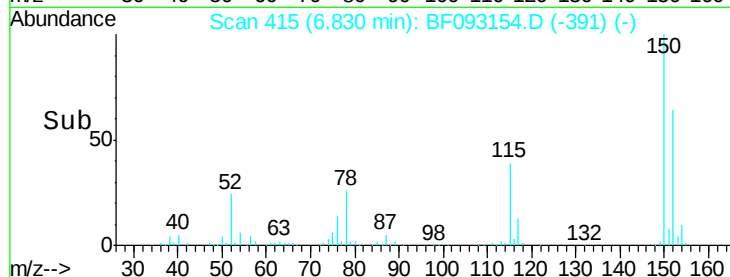
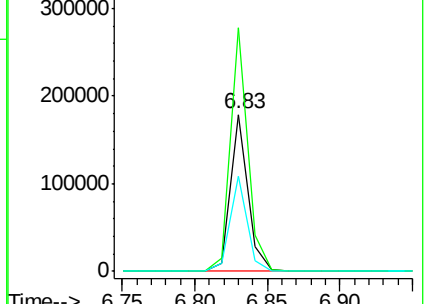
115 60.9 46.0 69.0



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: 158.18 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093154.D

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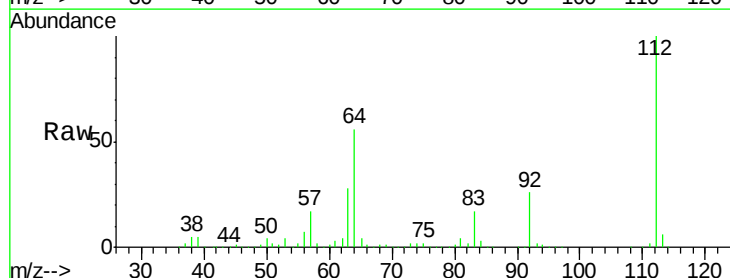
Tgt Ion:112 Resp: 1383385

Ion Ratio Lower Upper

112 100

64 56.0 46.1 69.1

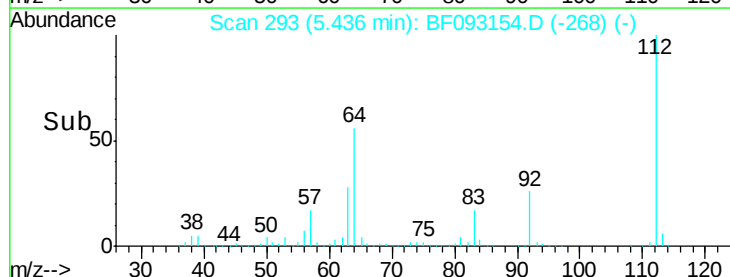
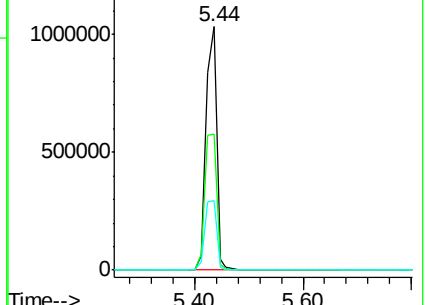
63 28.3 23.8 35.6

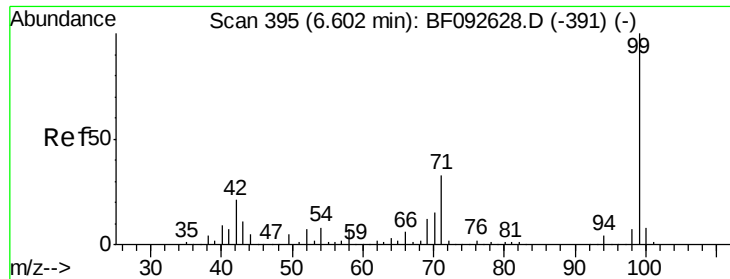


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.61 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

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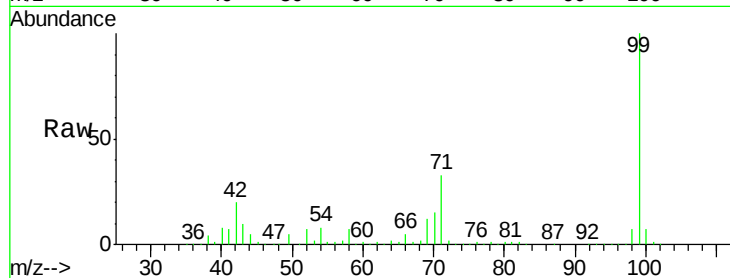
Tgt Ion: 99 Resp: 1582195

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

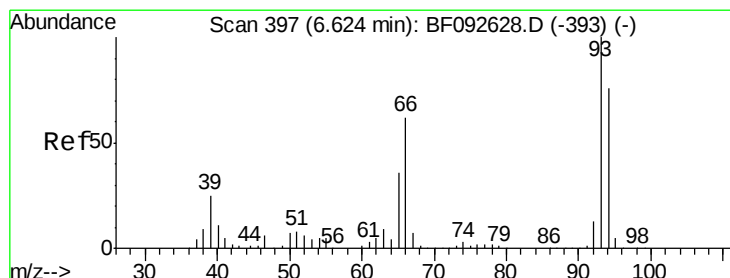
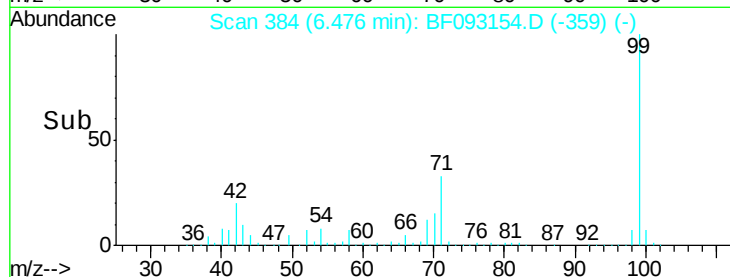
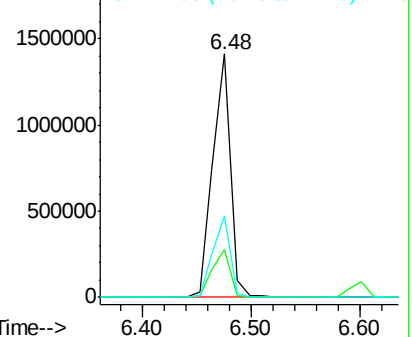
71 33.3 27.5 41.3



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: 4.09 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093154.D

Acq: 24 Feb 2017 19:41

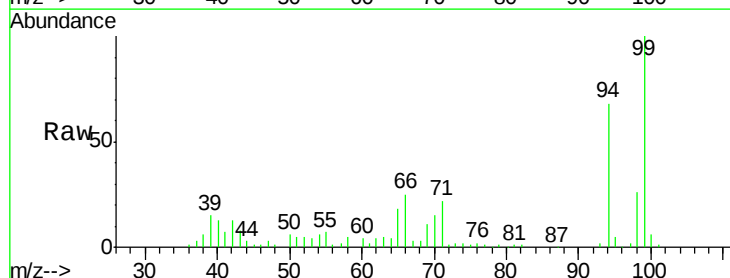
Tgt Ion: 94 Resp: 53823

Ion Ratio Lower Upper

94 100

65 27.0 21.4 61.4

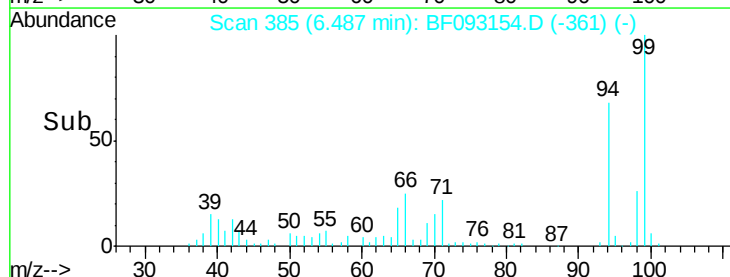
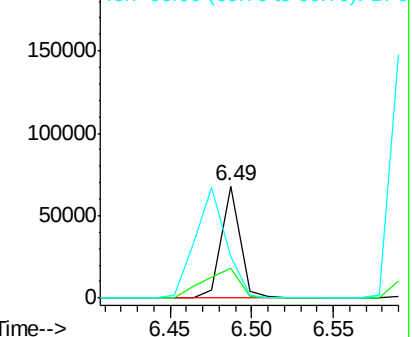
66 37.4 44.0 84.0#

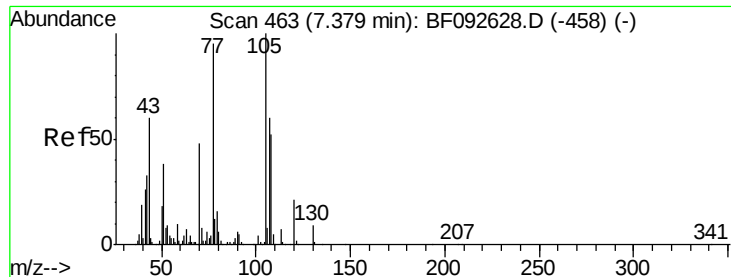


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

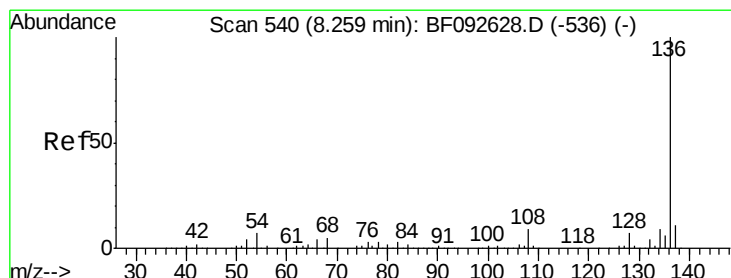
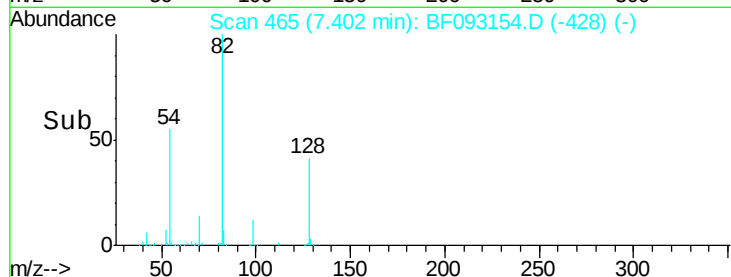
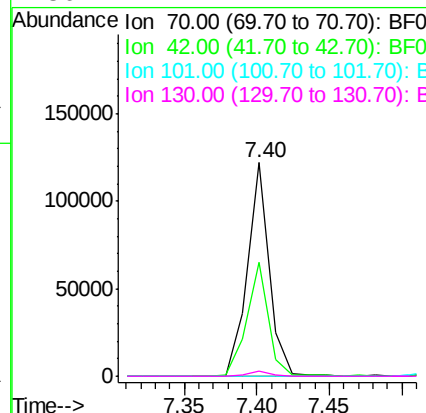
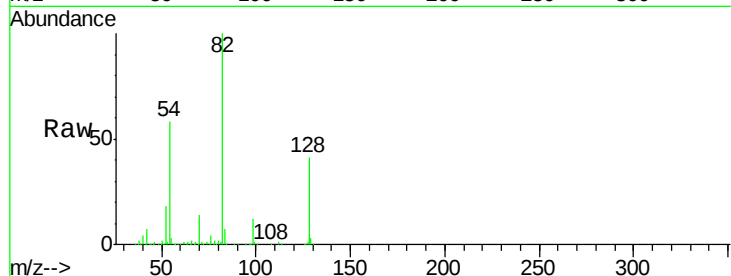




#19
n-Nitroso-di-n-propylamine
Concen: 17.76 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093154.D
Acq: 24 Feb 2017 19:41

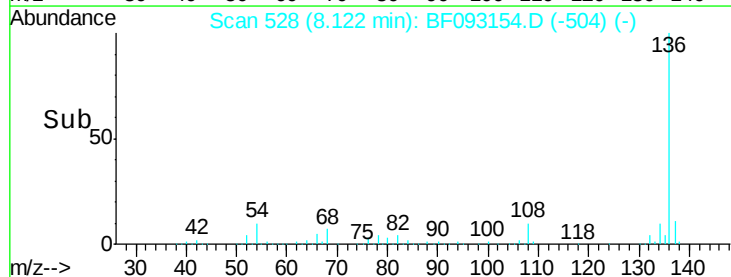
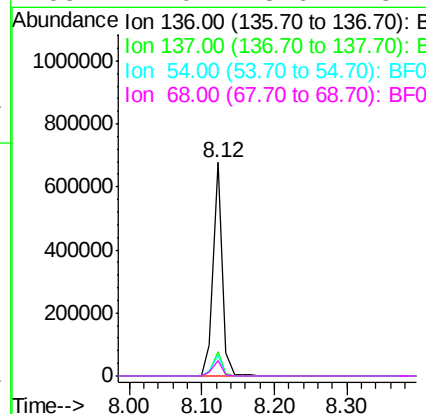
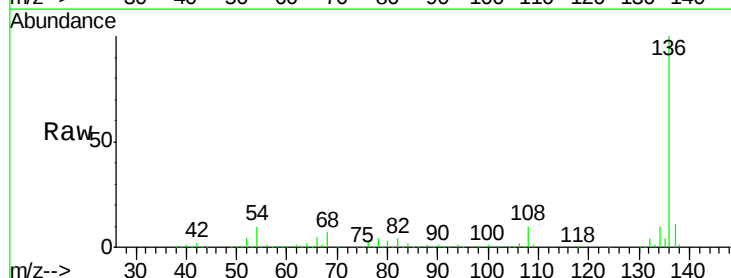
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SRI-SB-4(10-11)20170221

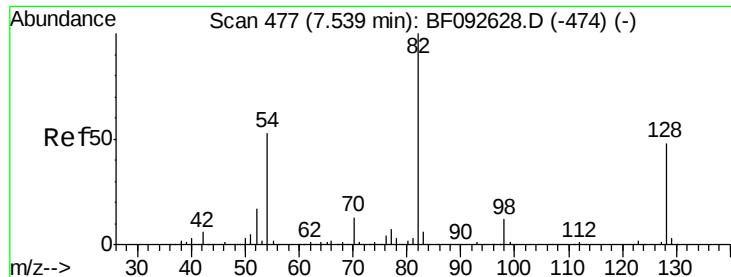
Tgt Ion: 70 Resp: 127211
Ion Ratio Lower Upper
70 100
42 53.1 49.4 74.0
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093154.D
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Tgt Ion: 136 Resp: 593324
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.5 4.5 6.7#
68 7.0 3.6 5.4#

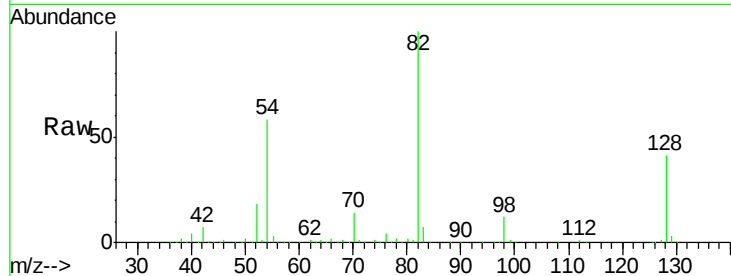




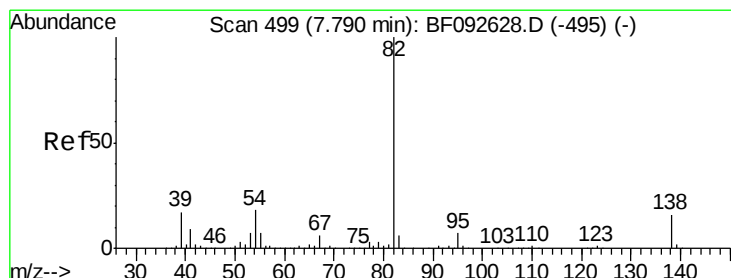
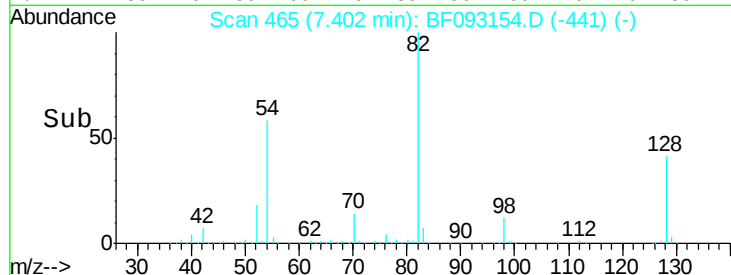
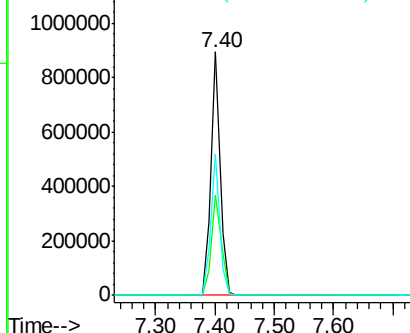
#23
 Nitrobenzene-d5
 Concen: 91.35 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093154.D
 Acq: 24 Feb 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 82 Resp: 973264
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 52.0
 54 57.7 39.5 59.3

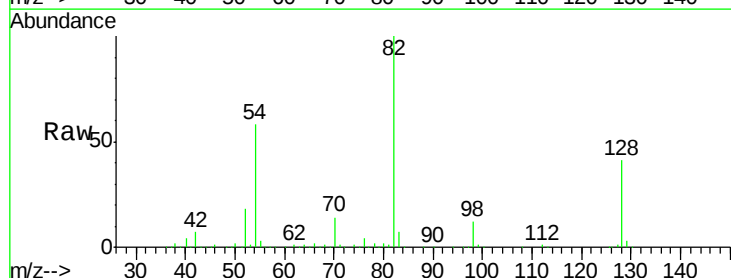


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

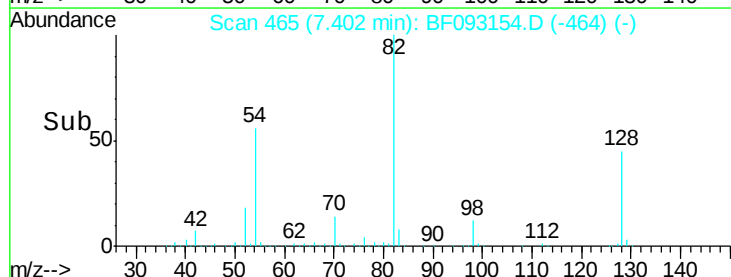
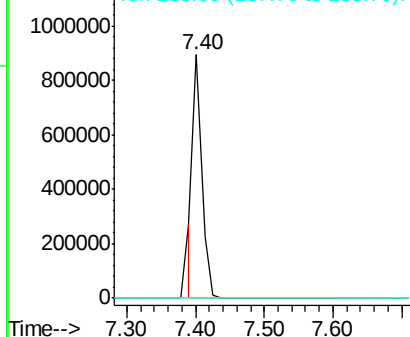


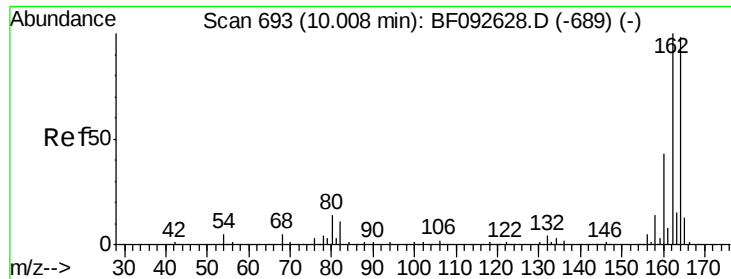
#25
 Isophorone
 Concen: 39.66 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.29 min
 Lab File: BF093154.D
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Tgt Ion: 82 Resp: 787345
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



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

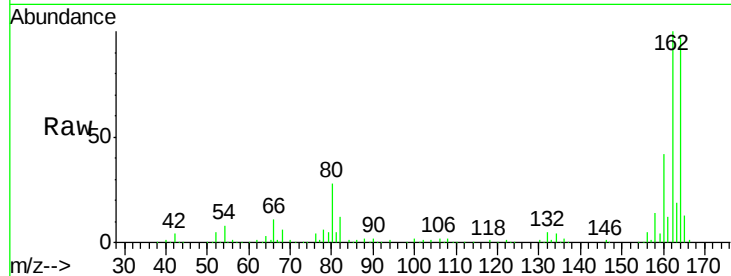




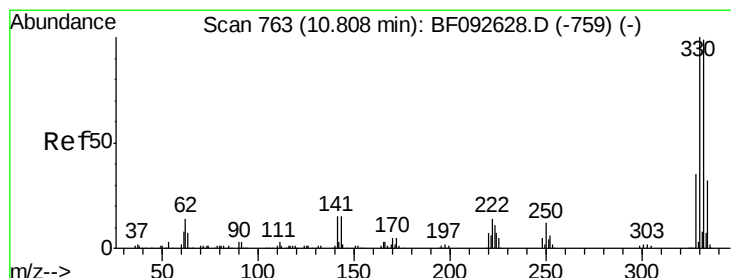
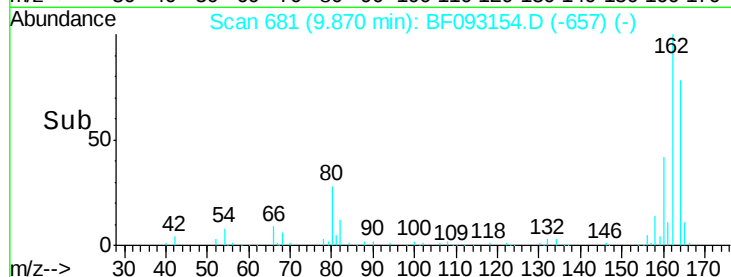
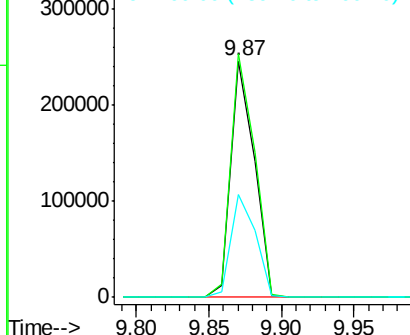
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093154.D
Acq: 24 Feb 2017 19:41

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 276940
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 43.5 36.9 55.3

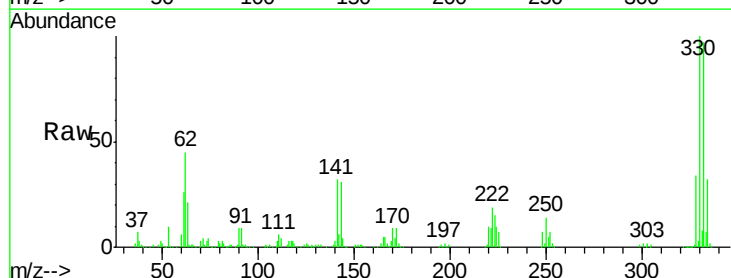


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

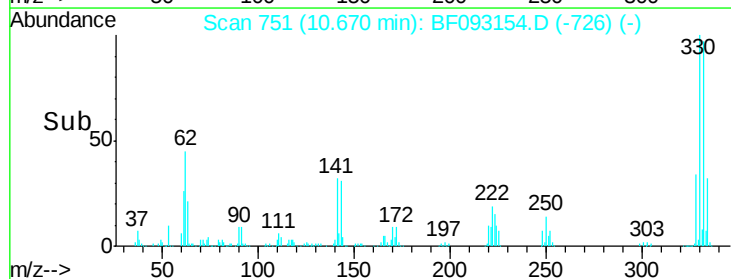
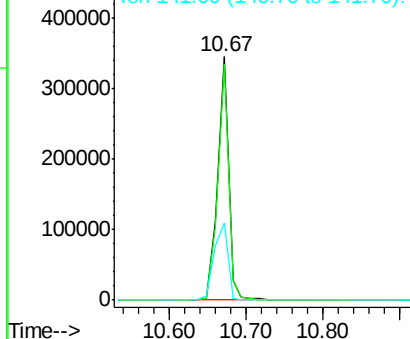


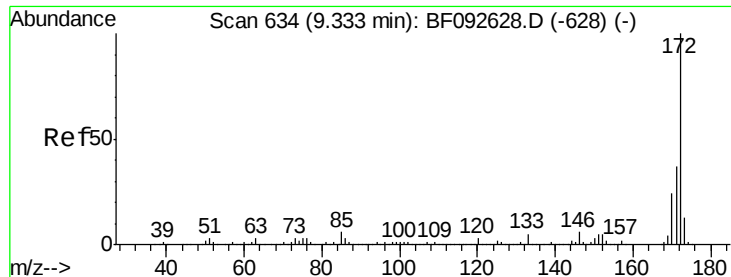
#41
2,4,6-Tribromophenol
Concen: 170.80 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093154.D
Acq: 24 Feb 2017 19:41

Tgt Ion:330 Resp: 342107
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 39.6 34.1 51.1



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

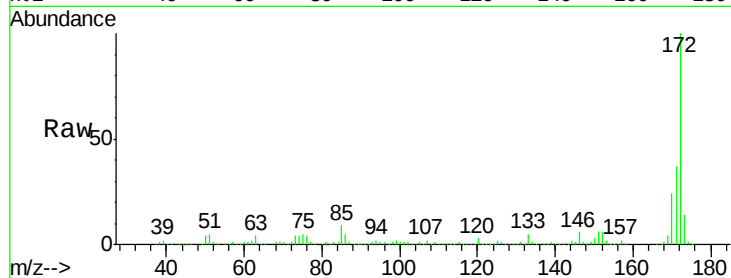




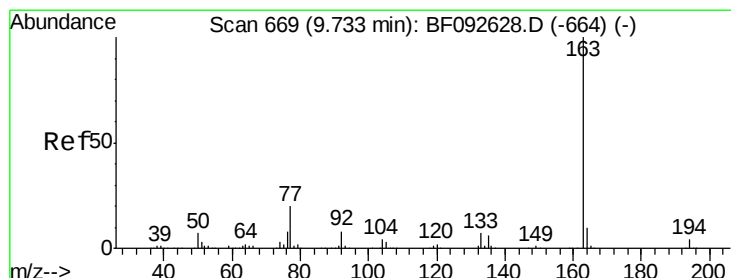
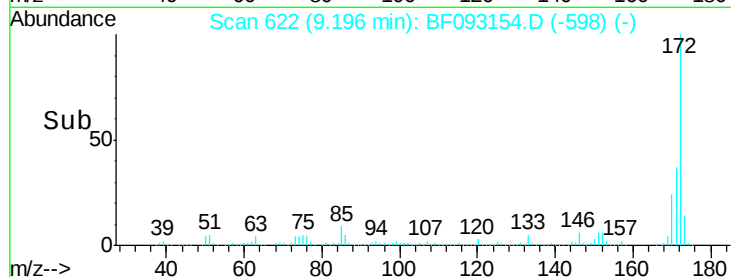
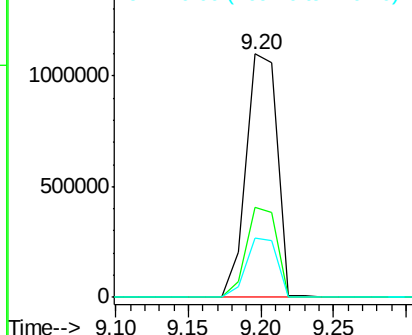
#44
2-Fluorobiphenyl
Concen: 107.03 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF093154.D
Acq: 24 Feb 2017 19:41

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Tgt Ion:172 Resp: 1636125
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.4 20.2 30.4

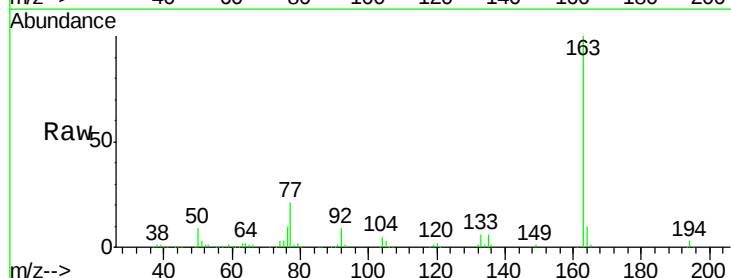


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

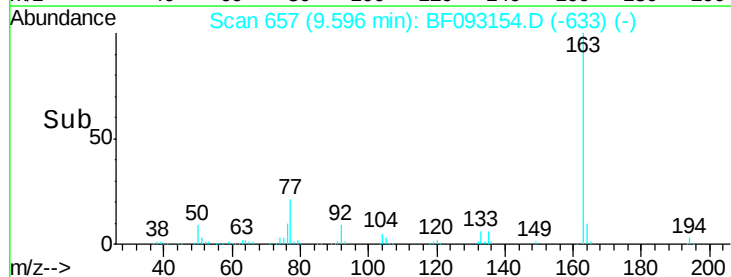
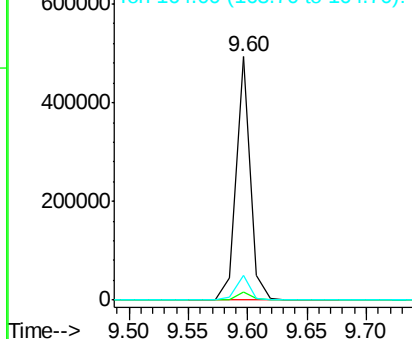


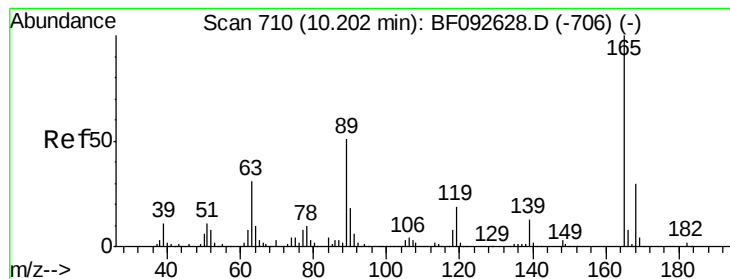
#49
Dimethylphthalate
Concen: 21.89 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093154.D
Acq: 24 Feb 2017 19:41

Tgt Ion:163 Resp: 408378
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.0 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

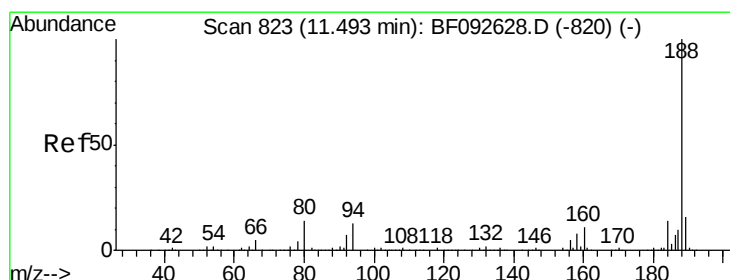
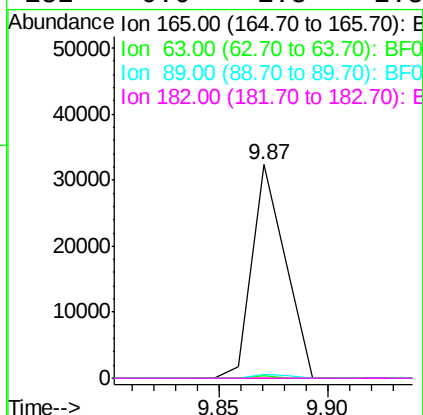
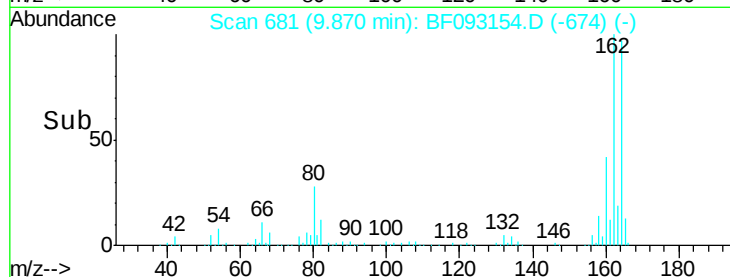
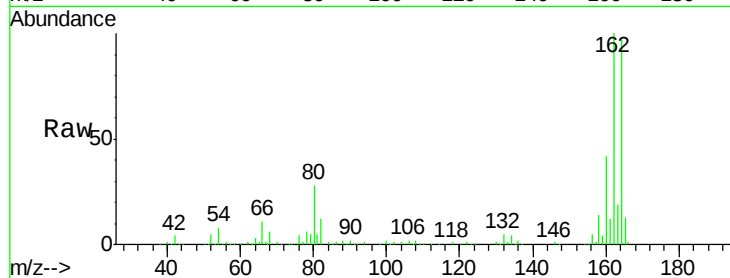




#56
 2,4-Dinitrotoluene
 Concen: 6.43 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF093154.D
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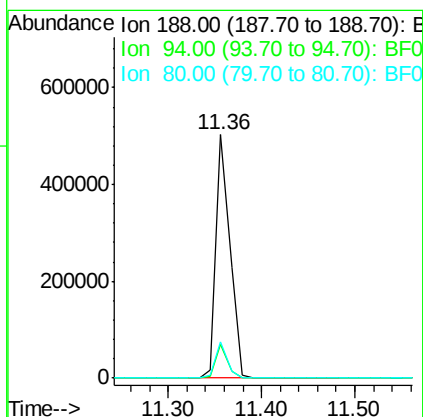
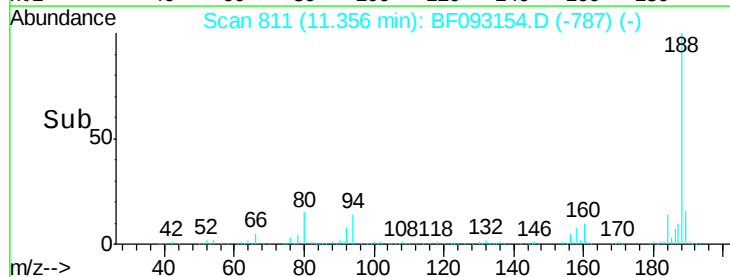
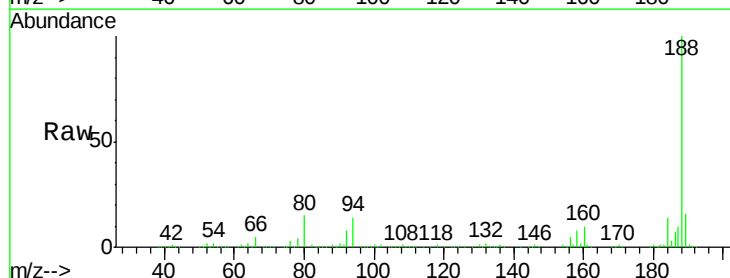
Instrument :
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 ClientSampleId :
 SRI-SB-4(10-11)20170221

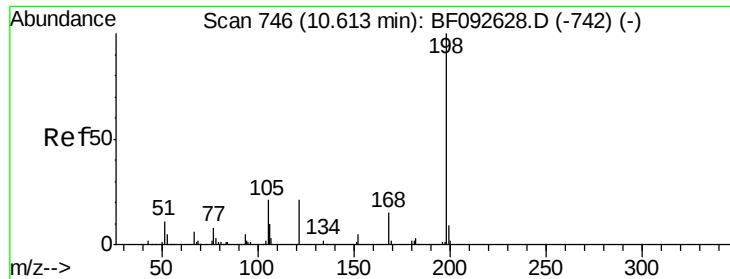
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.7	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF093154.D
 Acq: 24 Feb 2017 19:41

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





#64

4,6-Dinitro-2-methylphenol

Concen: 2.99 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.17 min

Lab File: BF093154.D

Acq: 24 Feb 2017 19:41

Instrument :

BNA_F

ClientSampleId :

SRI-SB-4(10-11)20170221

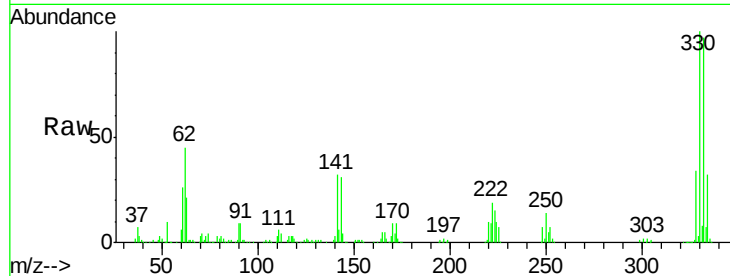
Tgt Ion:198 Resp: 1079

Ion Ratio Lower Upper

198 100

51 100.9 6.7 46.7#

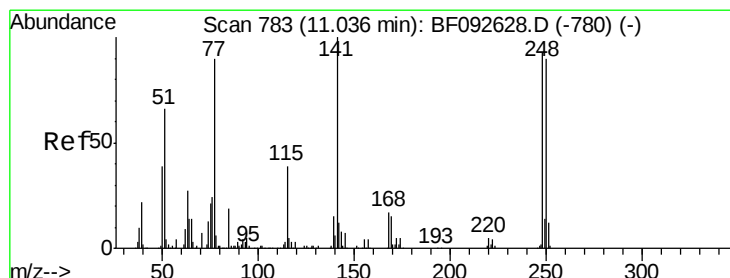
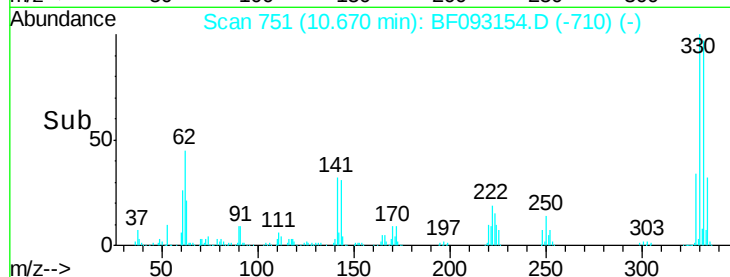
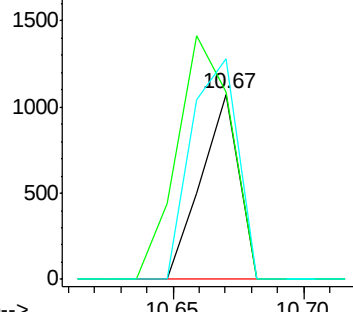
105 119.3 16.6 56.6#



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: 4.94 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF093154.D

Acq: 24 Feb 2017 19:41

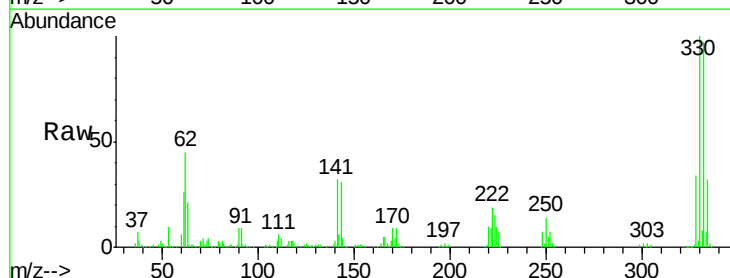
Tgt Ion:248 Resp: 26971

Ion Ratio Lower Upper

248 100

250 191.9 76.9 115.3#

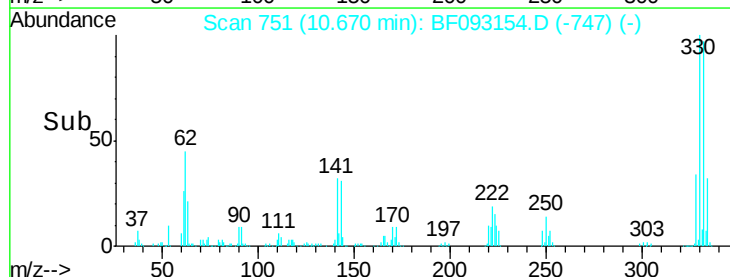
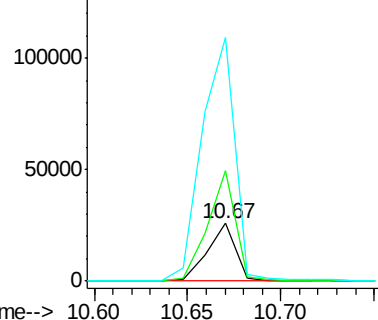
141 423.7 68.2 102.4#

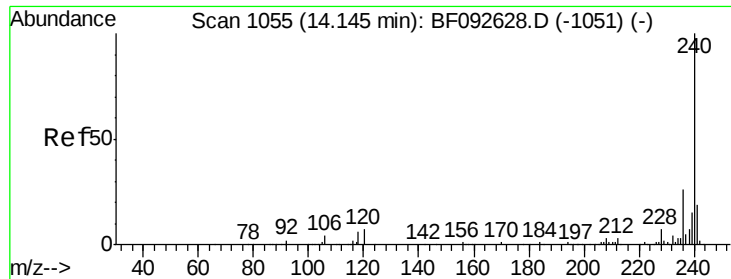


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF093154.D

Acq: 24 Feb 2017 19:41

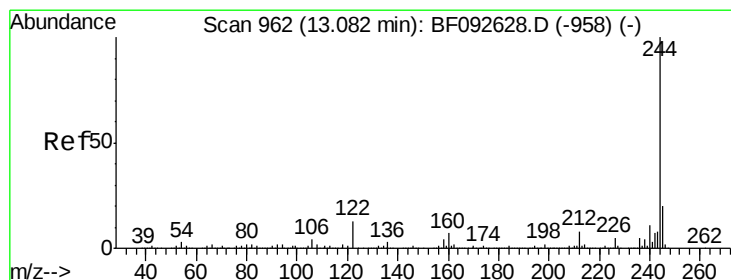
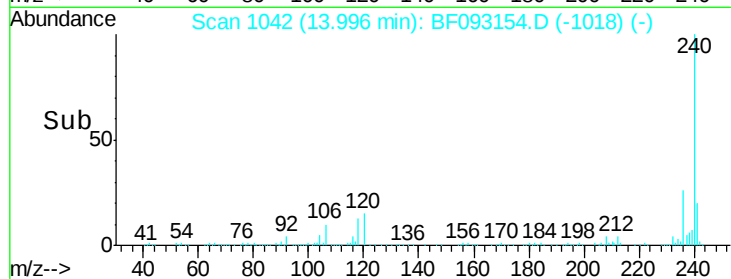
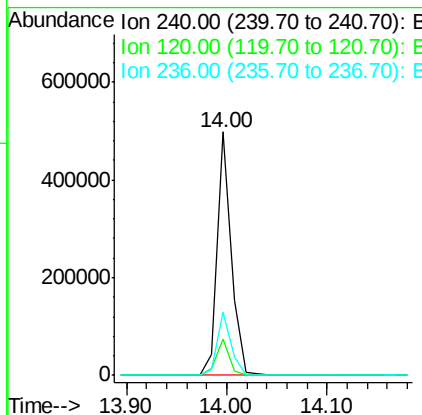
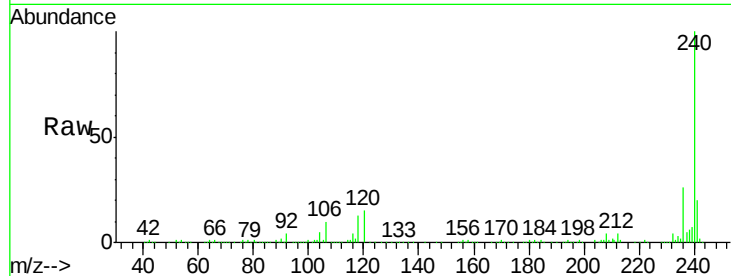
Instrument :

BNA_F

ClientSampleId :

SRI-SB-4(10-11)20170221

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	12.9	19.3
236	26.1	20.9	31.3



#78

Terphenyl-d14

Concen: 72.21 ng

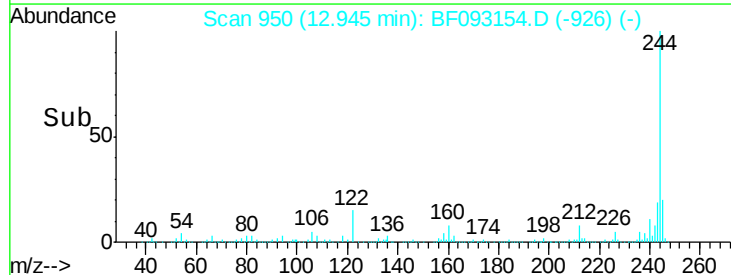
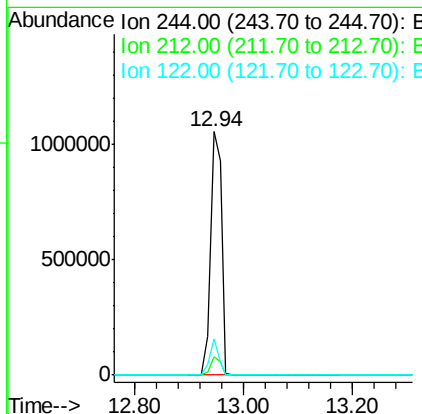
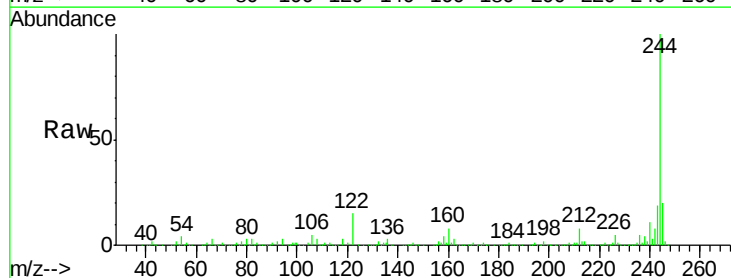
RT: 12.94 min Scan# 950

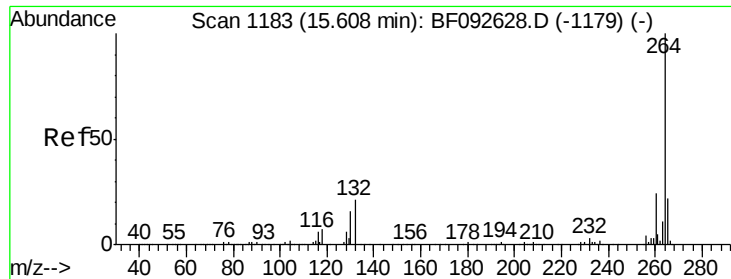
Delta R.T. -0.02 min

Lab File: BF093154.D

Acq: 24 Feb 2017 19:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	14.9	11.4	17.2

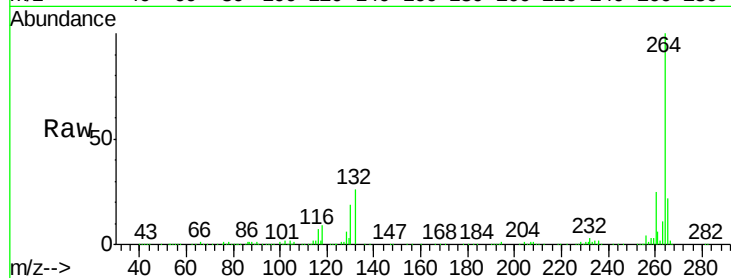




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093154.D
Acq: 24 Feb 2017 19:41

Instrument :
BNA_F
ClientSampleId :
SRI-SB-4(10-11)20170221

Tgt Ion:	264	Resp:	386280
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.8	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

