

Data File : BF093160.D
Acq On : 24 Feb 2017 22:32
Operator : SJ/MA
Sample : I1957-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 25 01:10:10 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	148839	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	565217	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	277695	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	532172	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	454562	20.00	ng	-0.02
86) Perylene-d12	15.43	264	350506	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	74191	8.55	ng	-0.02
7) Phenol-d6	6.46	99	552732	49.52	ng	-0.02
23) Nitrobenzene-d5	7.40	82	679556	66.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	674	0.34	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1152058	75.16	ng	-0.02
78) Terphenyl-d14	12.95	244	986547	51.00	ng	-0.02
Target Compounds						
10) Phenol	6.48	94	27736	2.12	ng	79
19) n-Nitroso-di-n-propylamine	7.40	70	90328	12.71	ng	# 81
25) Isophorone	7.40	82	545405	28.84	ng	# 65
49) Dimethylphthalate	9.60	163	74434	3.98	ng	99
50) 2,6-Dinitrotoluene	9.88	165	35632	8.82	ng	# 32
56) 2,4-Dinitrotoluene	9.88	165	35626	6.62	ng	# 21

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

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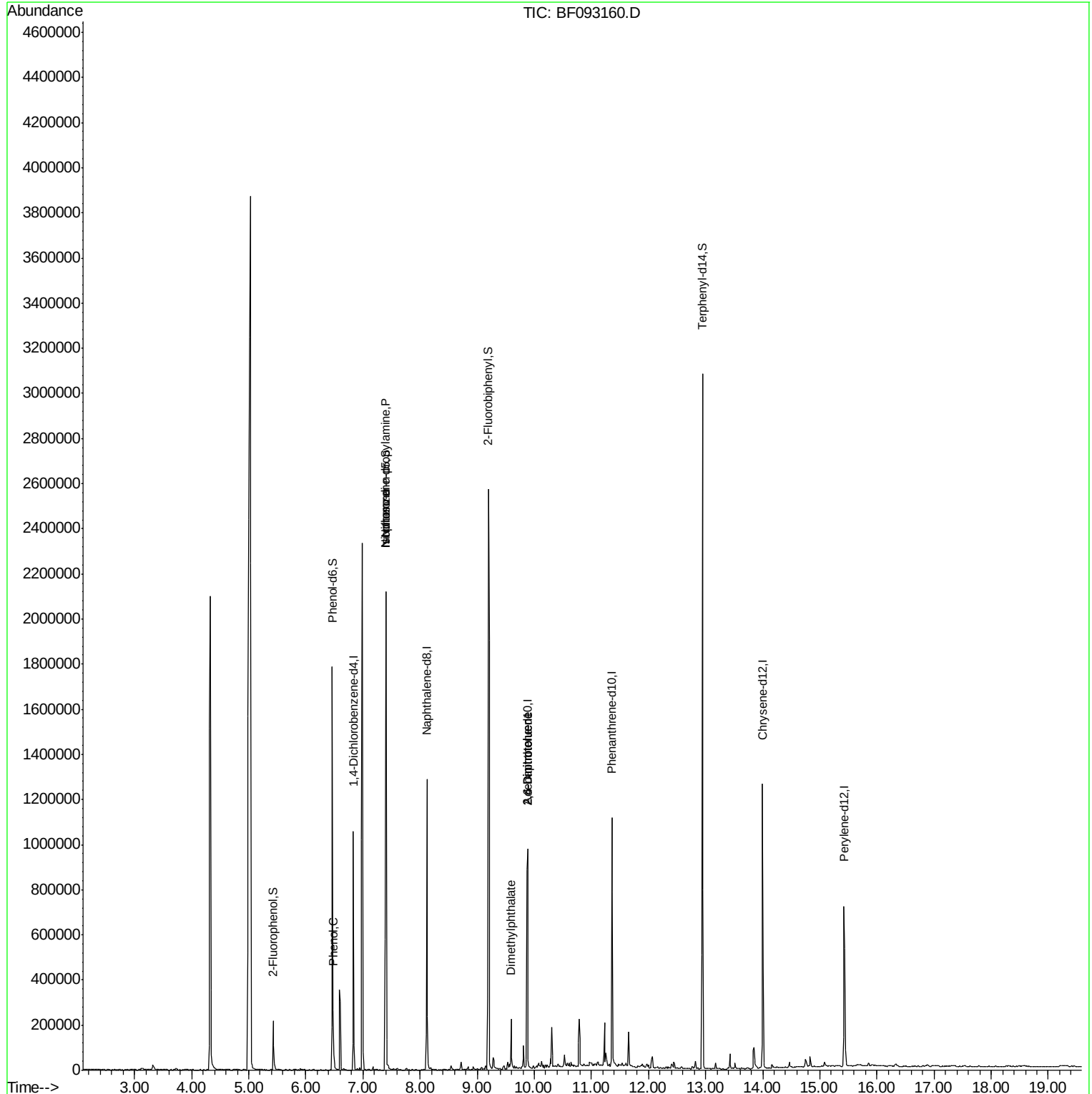
Quant Time: Feb 25 01:10:10 2017

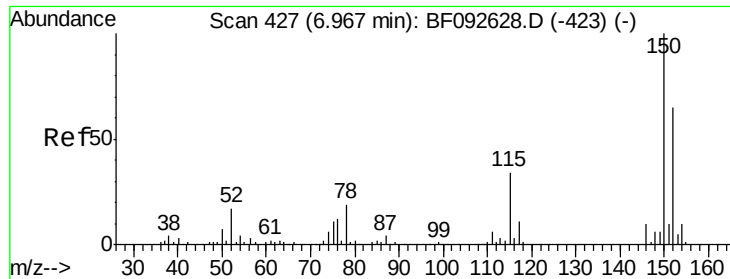
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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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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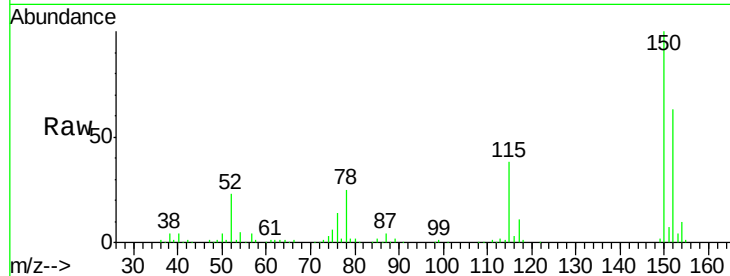
Tgt Ion:152 Resp: 148839

Ion Ratio Lower Upper

152 100

150 158.2 124.9 187.3

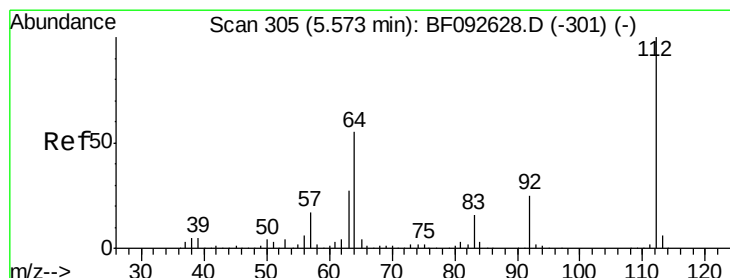
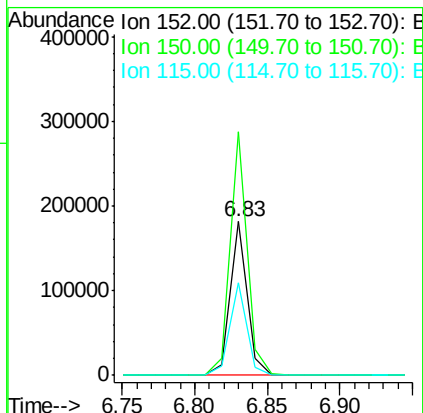
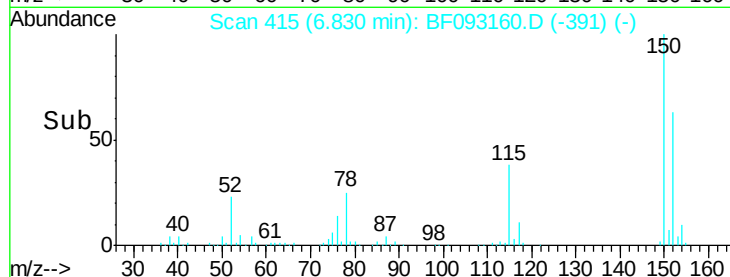
115 59.8 46.0 69.0



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: 8.55 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093160.D

Acq: 24 Feb 2017 22:32

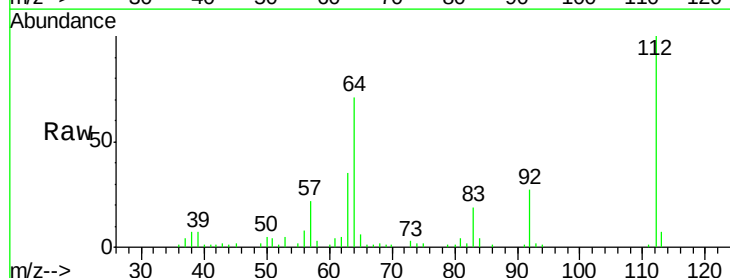
Tgt Ion:112 Resp: 74191

Ion Ratio Lower Upper

112 100

64 70.6 46.1 69.1#

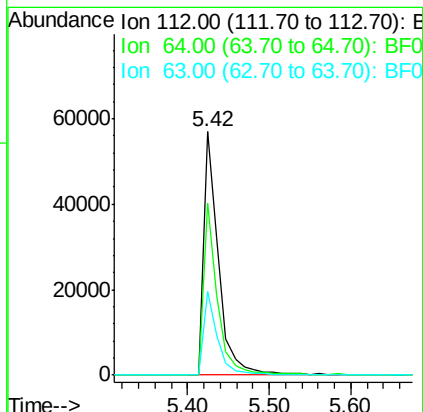
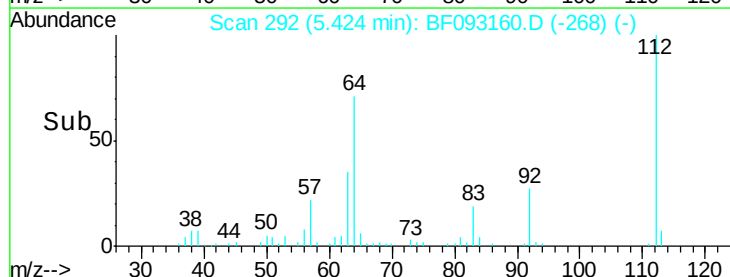
63 34.6 23.8 35.6

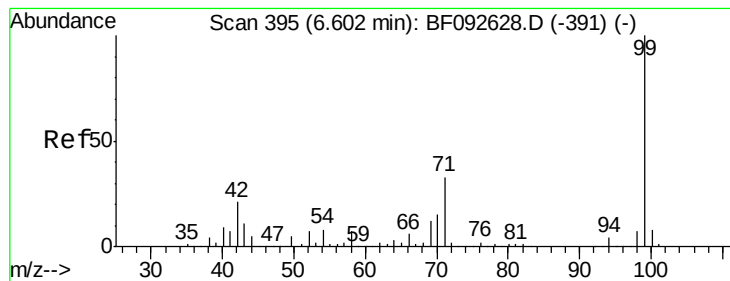


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 49.52 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093160.D

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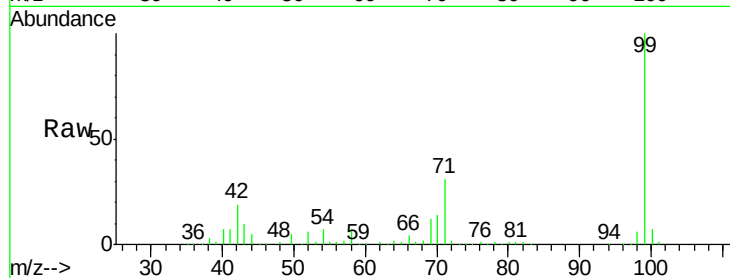
Tgt Ion: 99 Resp: 552732

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

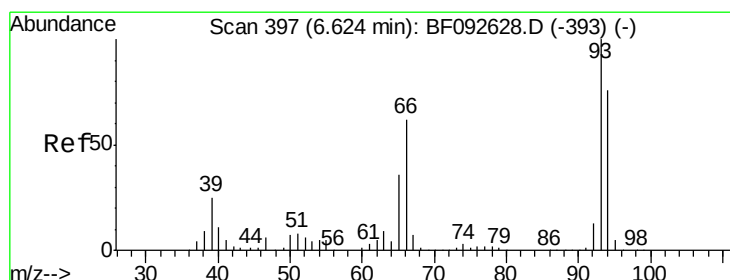
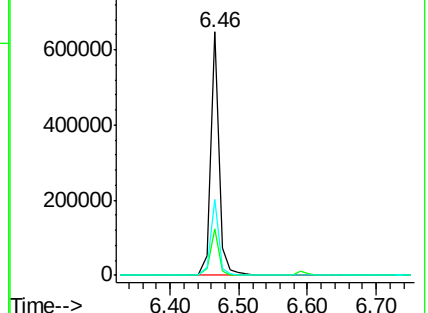
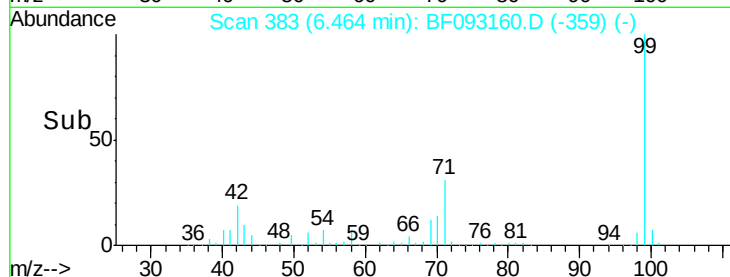
71 31.0 27.5 41.3



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: 2.12 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093160.D

Acq: 24 Feb 2017 22:32

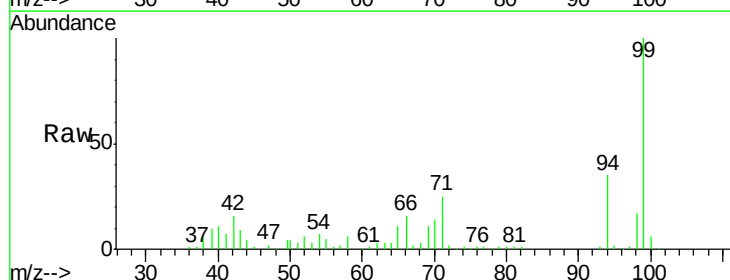
Tgt Ion: 94 Resp: 27736

Ion Ratio Lower Upper

94 100

65 30.5 21.4 61.4

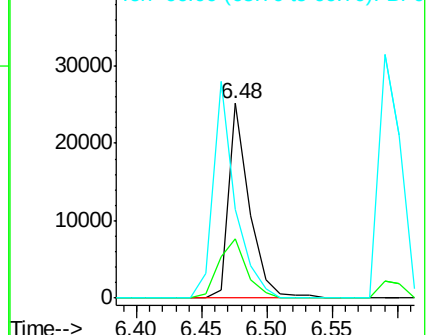
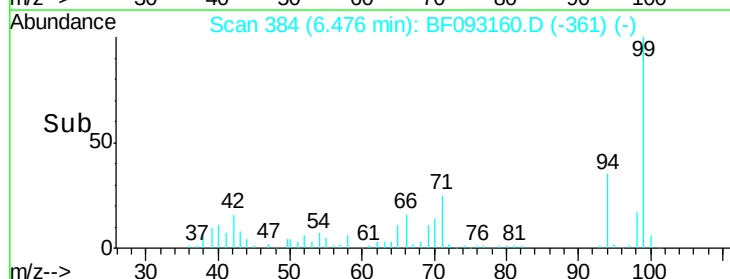
66 45.7 44.0 84.0

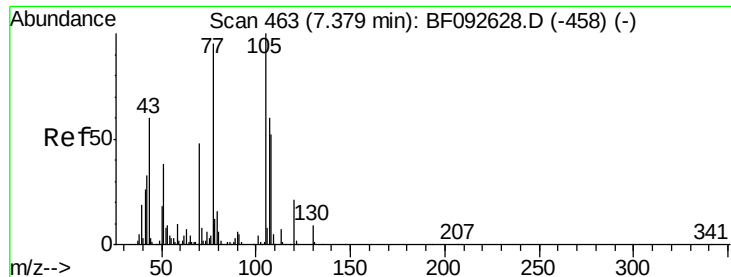


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

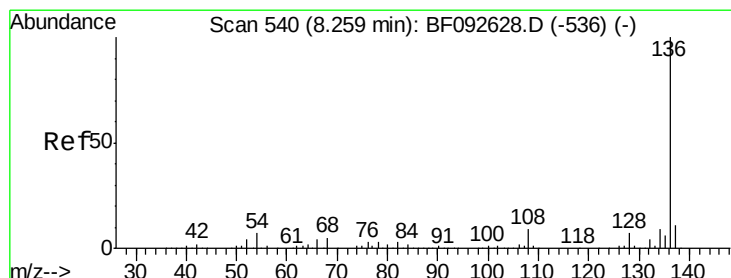
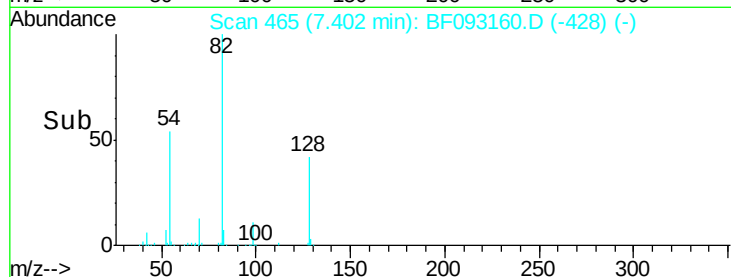
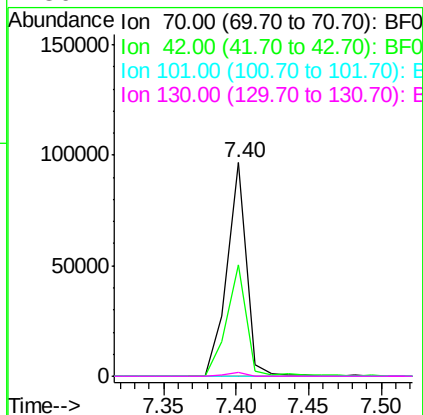
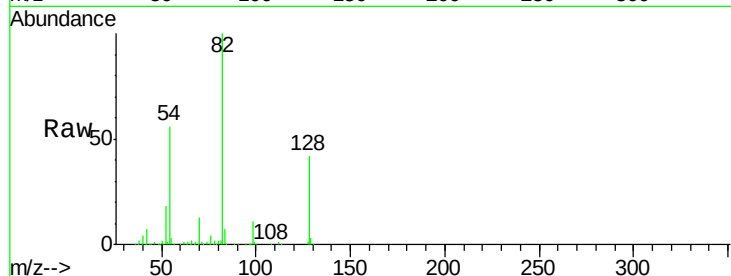




#19
n-Nitroso-di-n-propylamine
Concen: 12.71 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093160.D
Acq: 24 Feb 2017 22:32

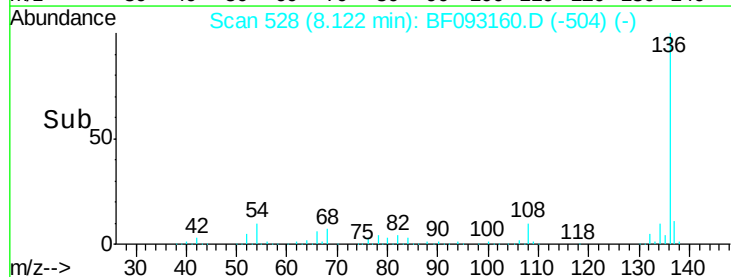
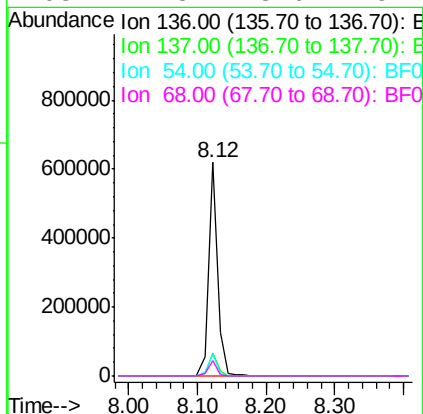
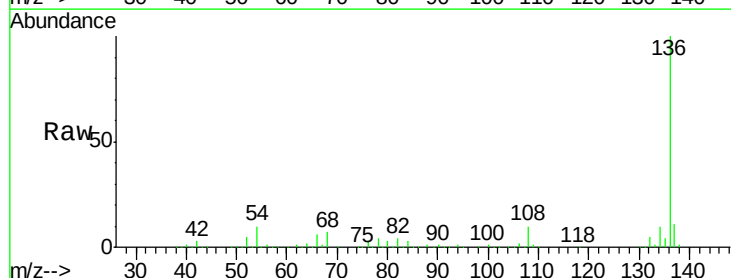
Instrument :
BNA_F
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SRI-SB-X(8-10)20170222

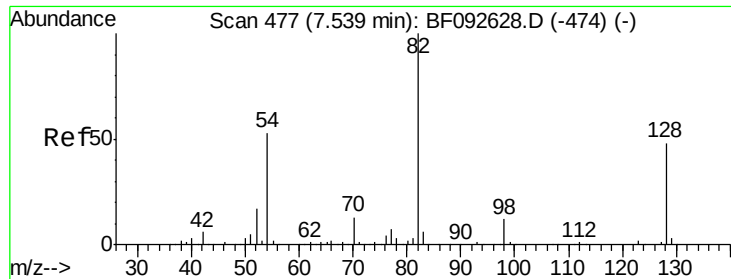
Tgt Ion: 70 Resp: 90328
Ion Ratio Lower Upper
70 100
42 52.1 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093160.D
Acq: 24 Feb 2017 22:32

Tgt Ion: 136 Resp: 565217
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 10.5 4.5 6.7#
68 7.3 3.6 5.4#

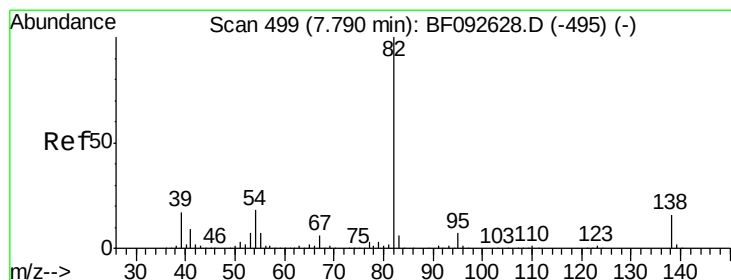
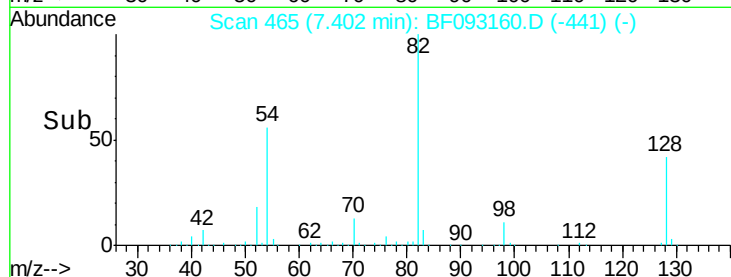
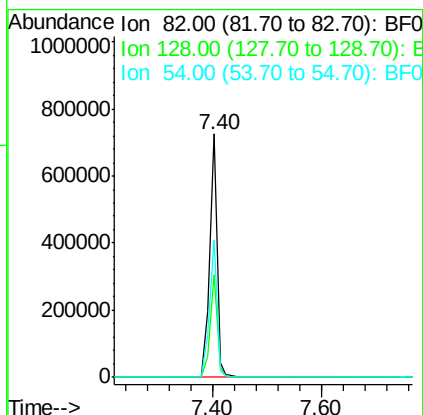
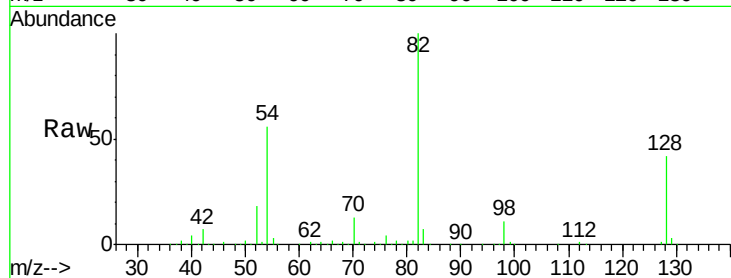




#23
 Nitrobenzene-d5
 Concen: 66.95 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093160.D
 Acq: 24 Feb 2017 22:32

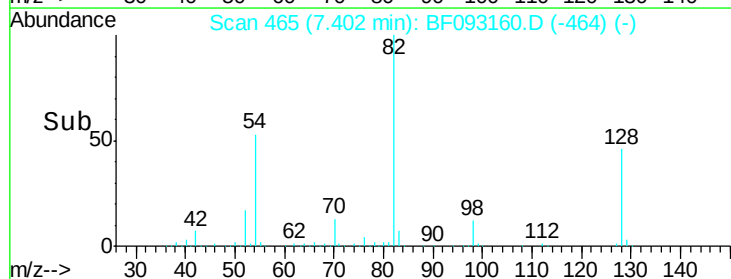
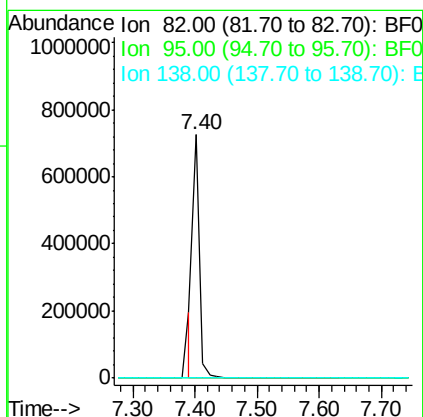
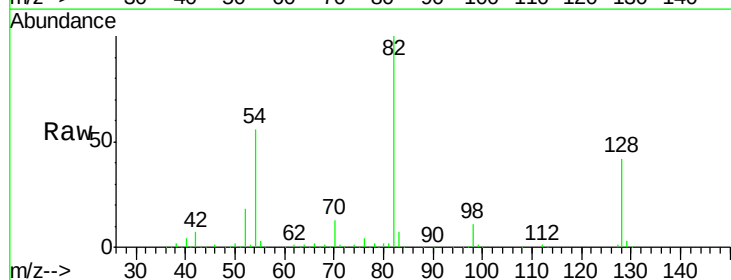
Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-X(8-10)20170222

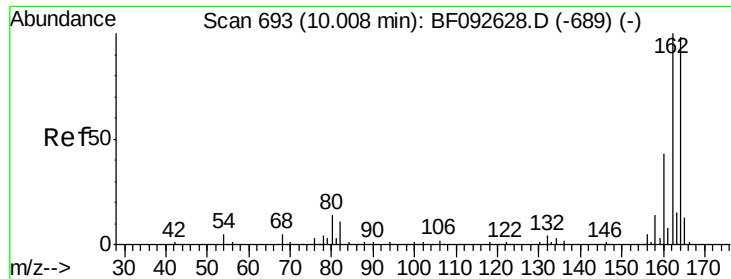
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	56.4	39.5	59.3



#25
 Isophorone
 Concen: 28.84 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.29 min
 Lab File: BF093160.D
 Acq: 24 Feb 2017 22:32

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

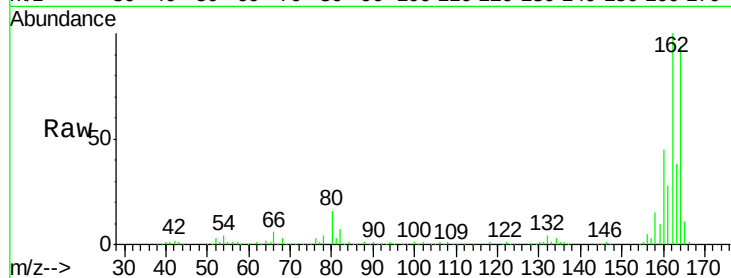




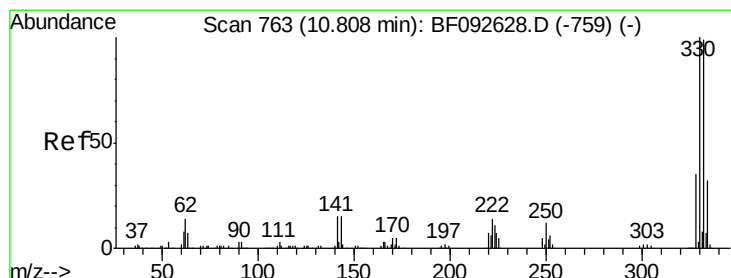
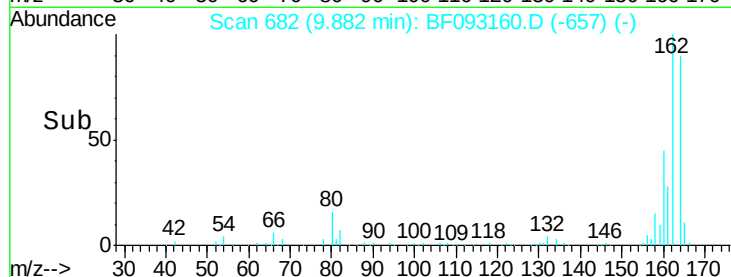
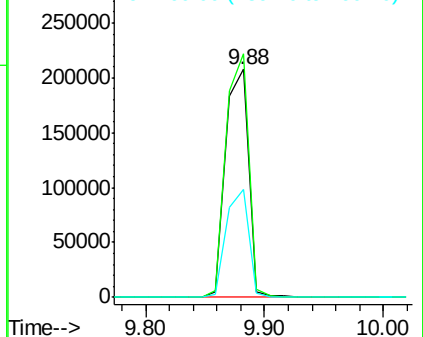
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093160.D
Acq: 24 Feb 2017 22:32

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

Tgt Ion:164 Resp: 277695
Ion Ratio Lower Upper
164 100
162 106.9 80.2 120.2
160 47.7 36.9 55.3

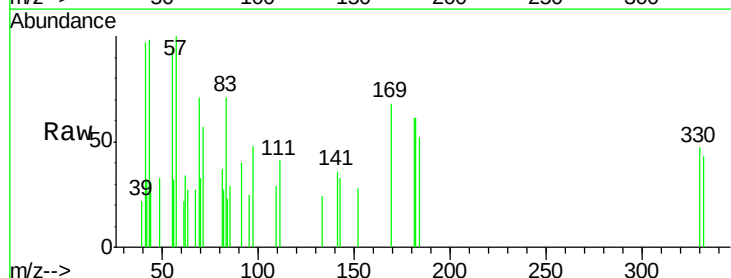


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

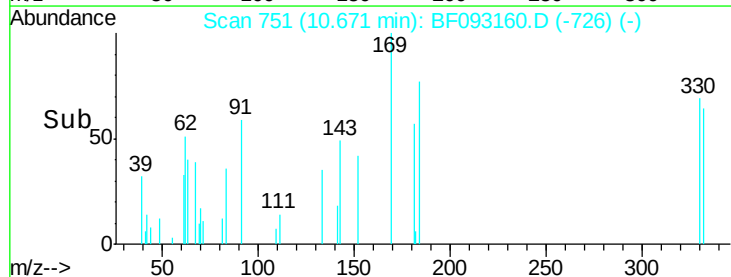
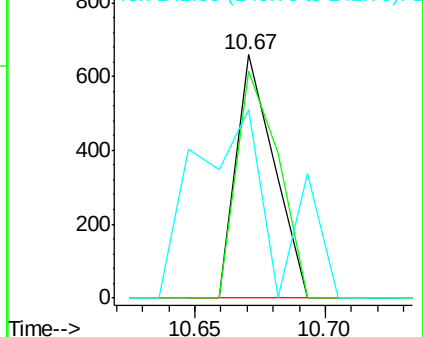


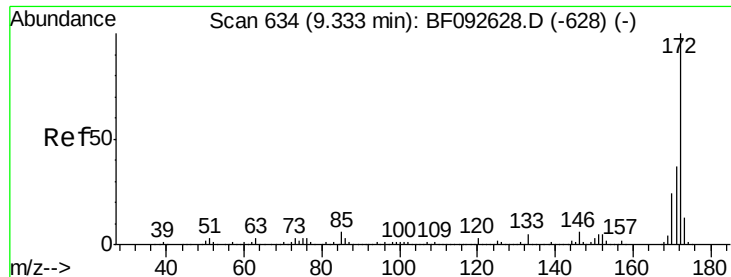
#41
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093160.D
Acq: 24 Feb 2017 22:32

Tgt Ion:330 Resp: 674
Ion Ratio Lower Upper
330 100
332 102.7 77.4 116.2
141 162.8 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

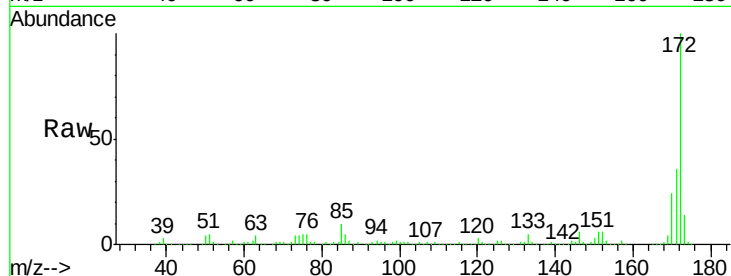




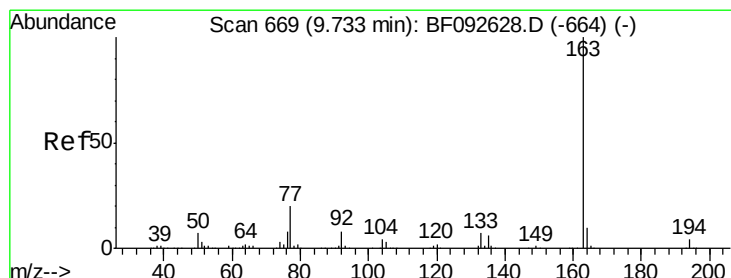
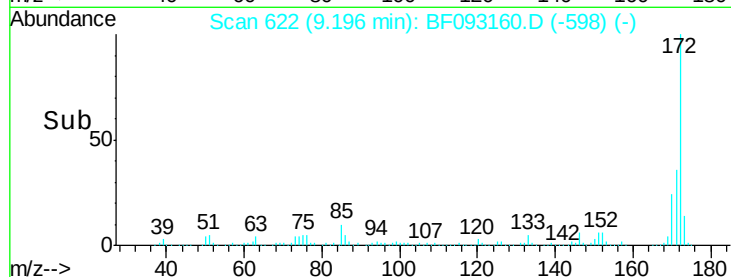
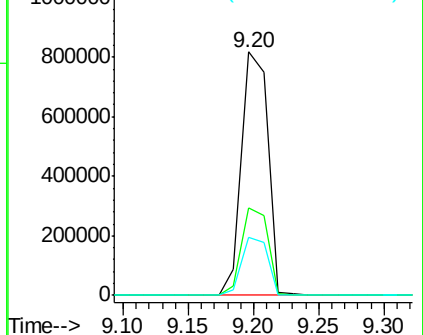
#44
 2-Fluorobiphenyl
 Concen: 75.16 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093160.D
 Acq: 24 Feb 2017 22:32

Instrument :
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 ClientSampleId :
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Tgt Ion:172 Resp: 1152058
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.9 20.2 30.4

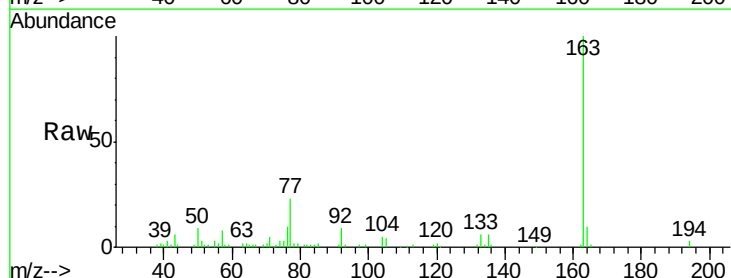


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

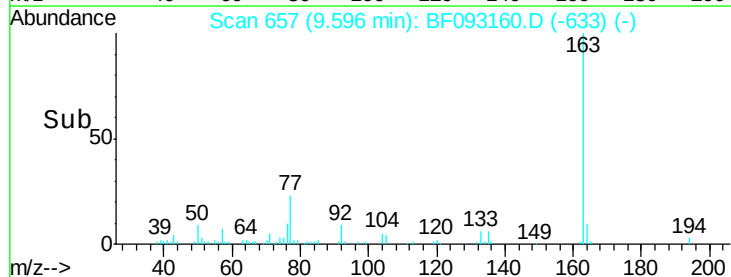
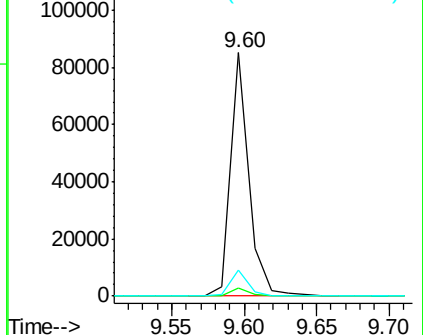


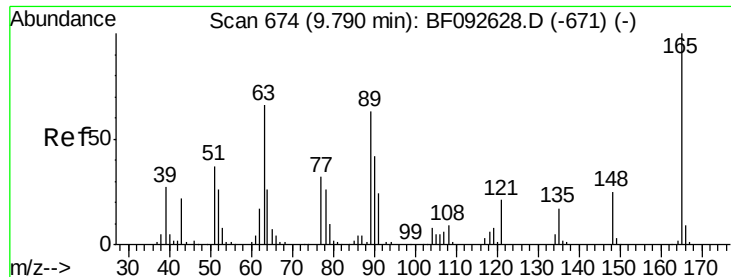
#49
 Dimethylphthalate
 Concen: 3.98 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093160.D
 Acq: 24 Feb 2017 22:32

Tgt Ion:163 Resp: 74434
 Ion Ratio Lower Upper
 163 100
 194 3.2 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





#50

2,6-Dinitrotoluene

Concen: 8.82 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.19 min

Lab File: BF093160.D

Acq: 24 Feb 2017 22:32

Instrument :

BNA_F

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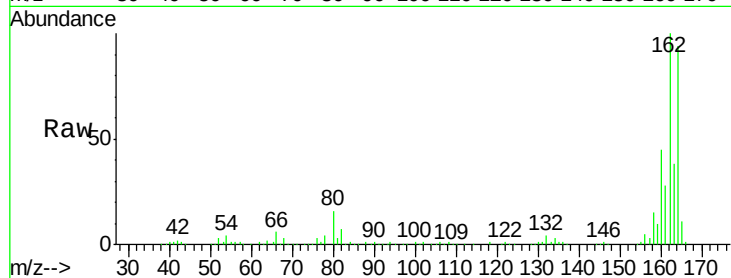
Tgt Ion:165 Resp: 35632

Ion Ratio Lower Upper

165 100

63 1.7 36.2 54.4#

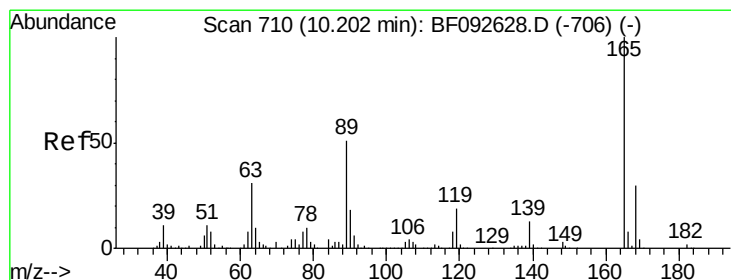
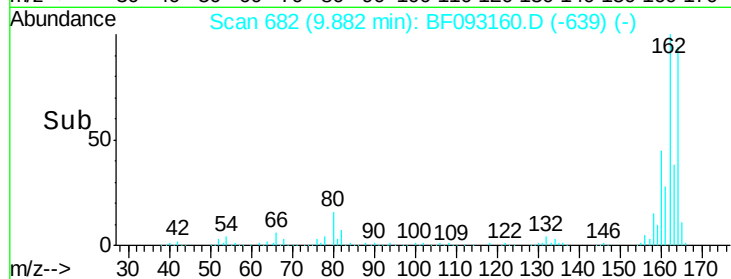
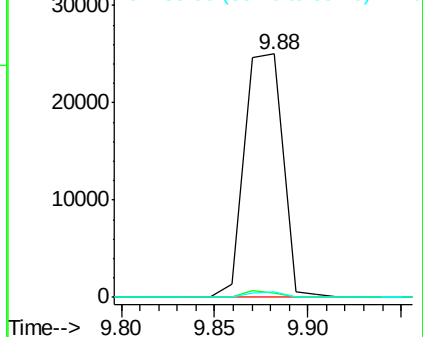
89 2.1 40.2 60.4#



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: 6.62 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.21 min

Lab File: BF093160.D

Acq: 24 Feb 2017 22:32

Tgt Ion:165 Resp: 35626

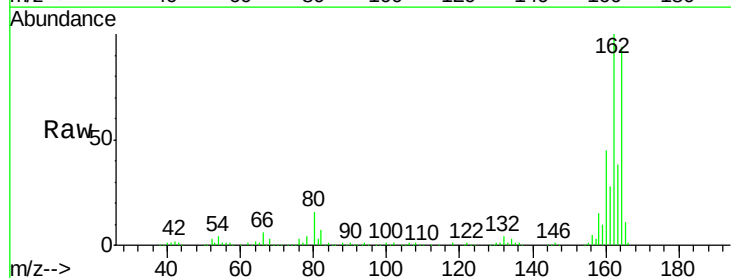
Ion Ratio Lower Upper

165 100

63 1.7 40.2 60.4#

89 2.1 62.5 93.7#

182 0.0 1.8 2.8#

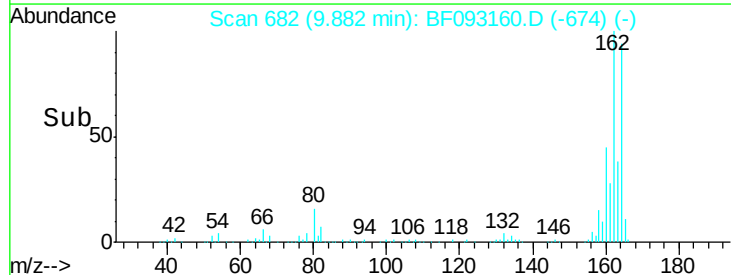
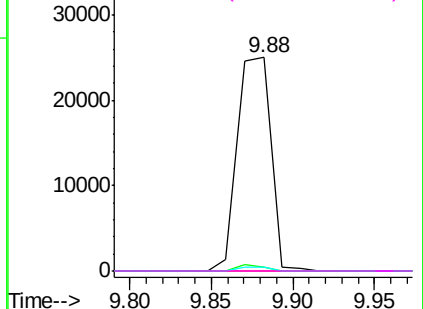


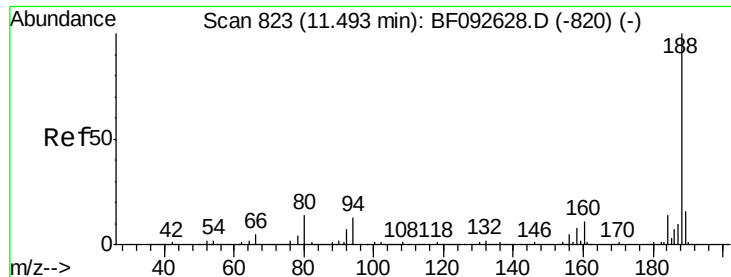
Abundance Ion 165.00 (164.70 to 165.70): E

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

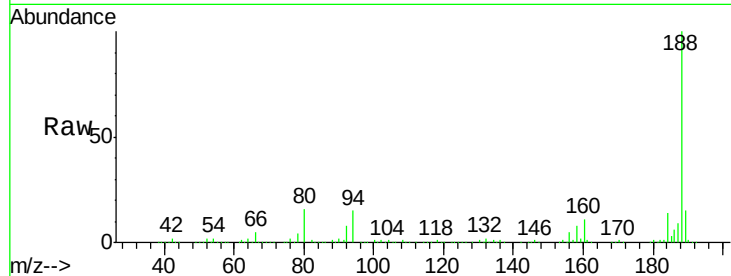




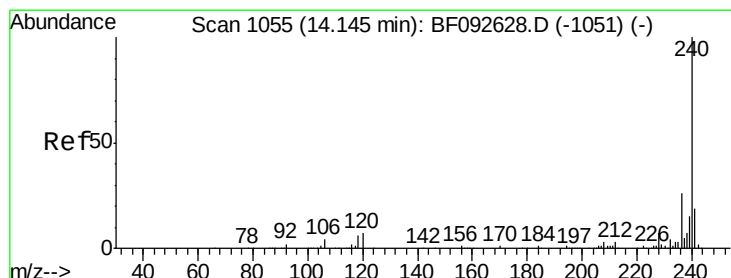
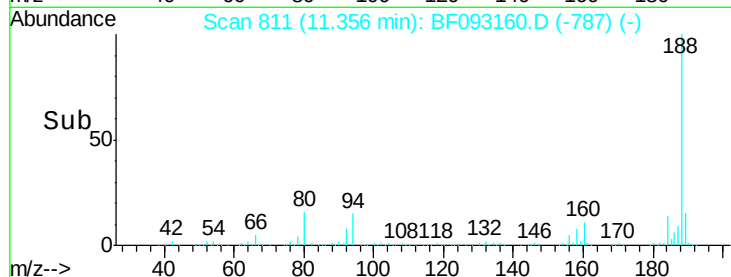
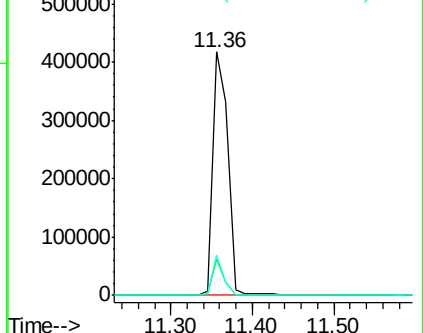
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093160.D
Acq: 24 Feb 2017 22:32

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

Tgt Ion:188 Resp: 532172
Ion Ratio Lower Upper
188 100
94 14.7 10.0 15.0
80 16.4 11.2 16.8

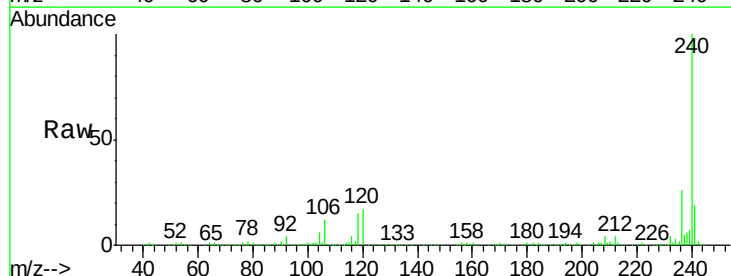


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

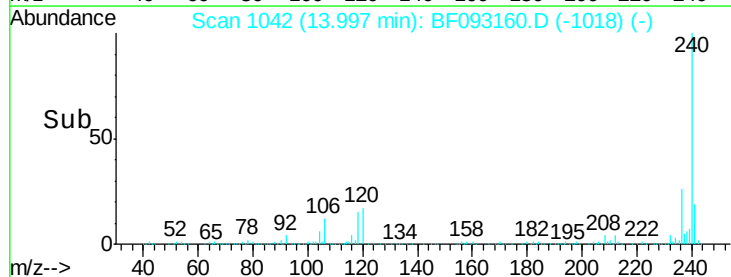
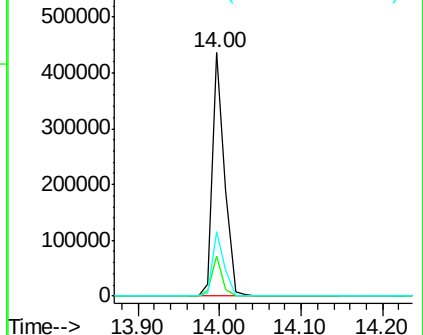


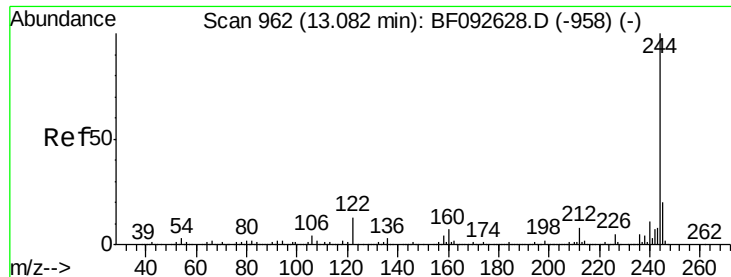
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093160.D
Acq: 24 Feb 2017 22:32

Tgt Ion:240 Resp: 454562
Ion Ratio Lower Upper
240 100
120 16.6 12.9 19.3
236 26.2 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: 51.00 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093160.D

Acq: 24 Feb 2017 22:32

Instrument :

BNA_F

ClientSampleId :

SRI-SB-X(8-10)20170222

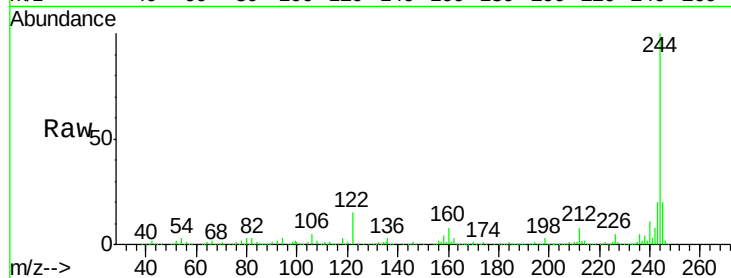
Tgt Ion:244 Resp: 986547

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

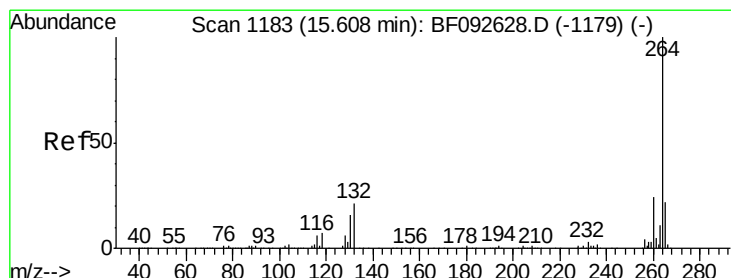
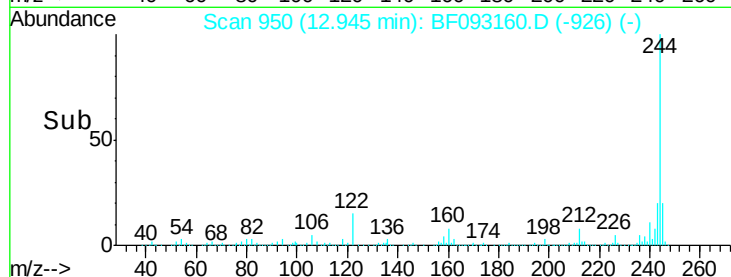
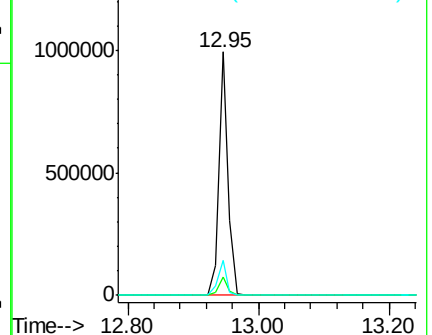
122 14.6 11.4 17.2



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: BF093160.D

Acq: 24 Feb 2017 22:32

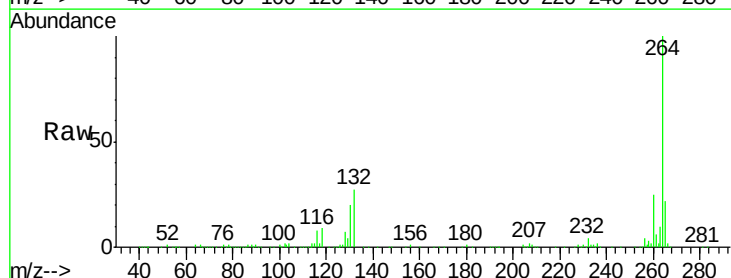
Tgt Ion:264 Resp: 350506

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 21.7 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

