

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093201.D
 Acq On : 27 Feb 2017 11:42
 Operator : SJ/MA
 Sample : I1957-14RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 27 12:05:39 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

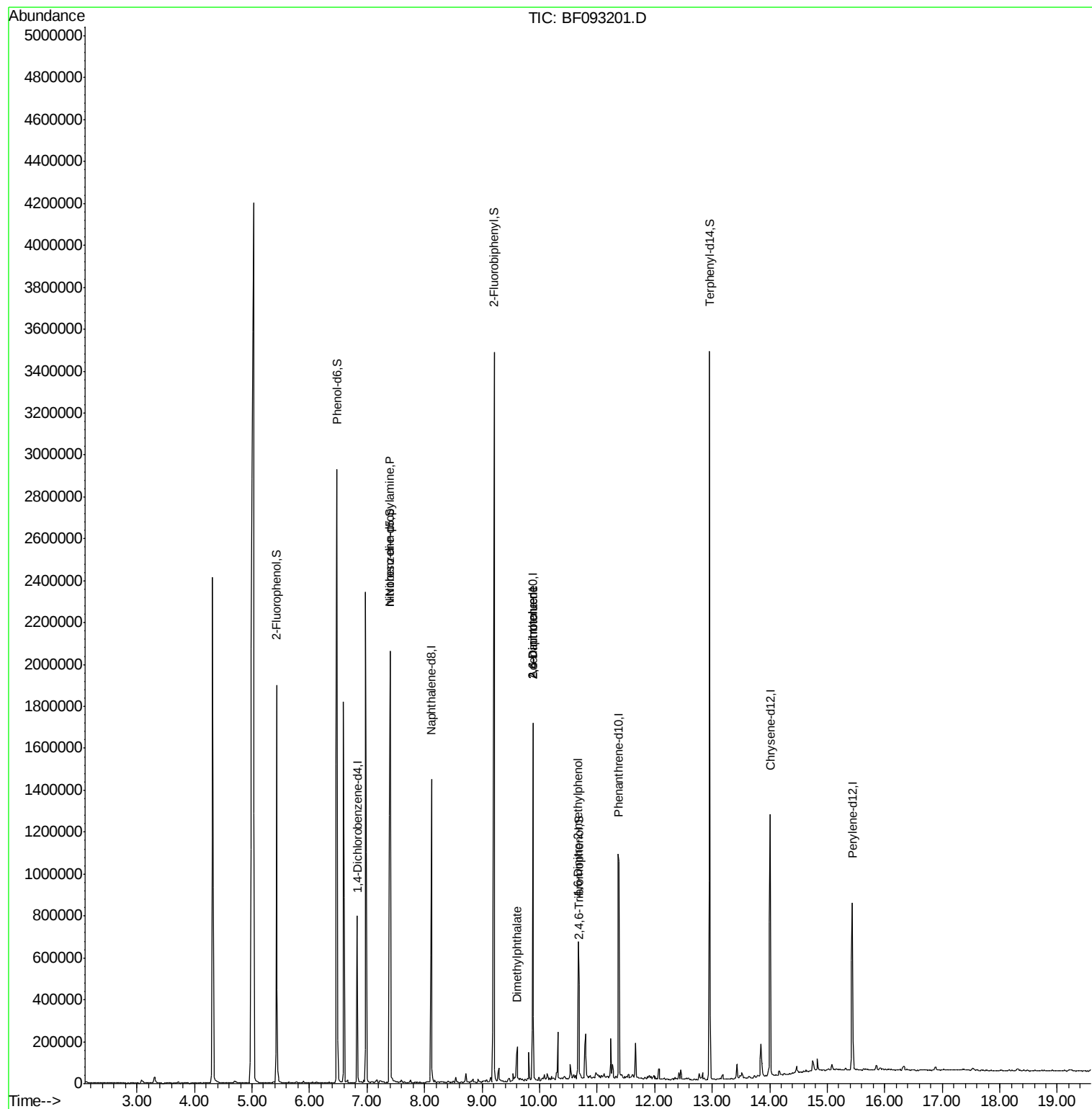
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	172289	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	712981	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	327071	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	583701	20.00	ng	0.00
75) Chrysene-d12	14.01	240	518409	20.00	ng	-0.01
86) Perylene-d12	15.44	264	368518	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	501845	49.97	ng	-0.02
7) Phenol-d6	6.48	99	1123368	86.94	ng	-0.01
23) Nitrobenzene-d5	7.40	82	818312	63.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	88997	37.62	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1329567	73.65	ng	-0.01
78) Terphenyl-d14	12.96	244	1043949	47.32	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	107527	13.07	ng	# 76
49) Dimethylphthalate	9.61	163	74273	3.37	ng	99
50) 2,6-Dinitrotoluene	9.88	165	41892	8.81	ng	# 31
56) 2,4-Dinitrotoluene	9.88	165	41894	6.61	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.67	198	217	2.73	ng	# 1

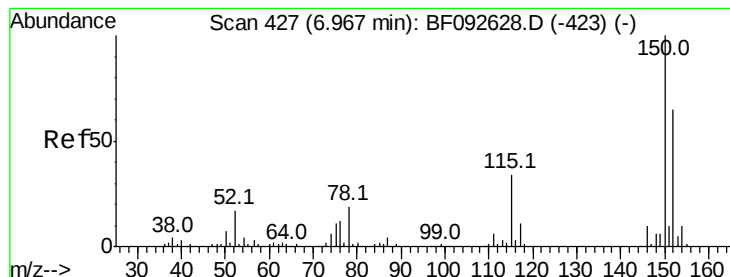
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BF093201.D

Acq: 27 Feb 2017 11:42

Instrument :

BNA_F

ClientSampleId :

SRI-SB-X(8-10)20170222

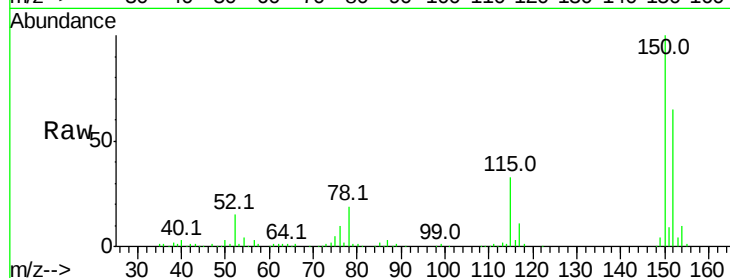
Tot Ion:152 Resp: 172289

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

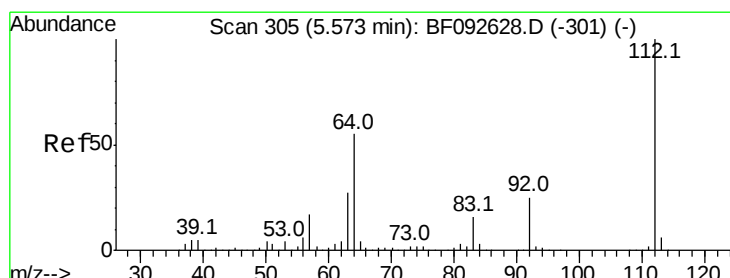
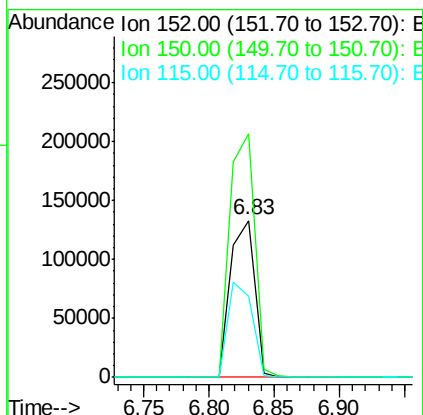
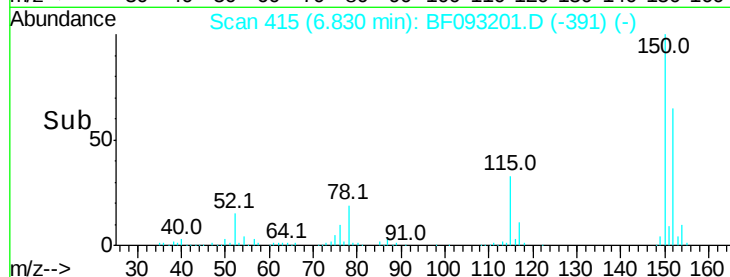
115 51.7 46.0 69.0



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: 49.97 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093201.D

Acq: 27 Feb 2017 11:42

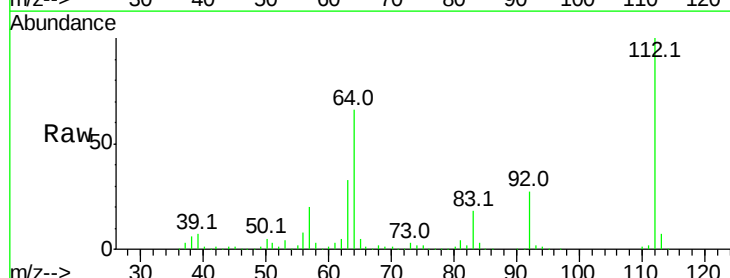
Tgt Ion:112 Resp: 501845

Ion Ratio Lower Upper

112 100

64 66.4 46.1 69.1

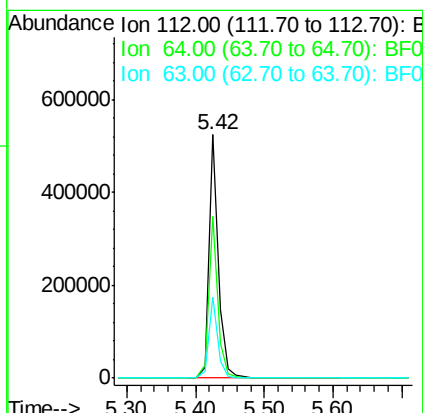
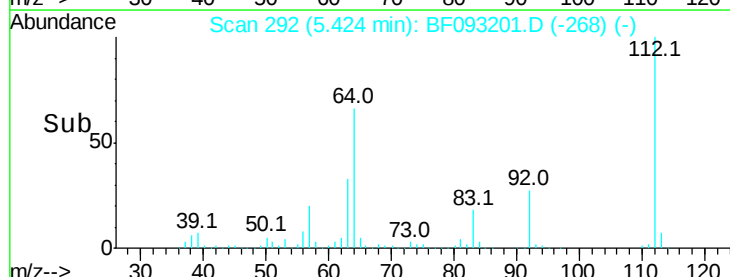
63 33.1 23.8 35.6



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: 86.94 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093201.D

Acq: 27 Feb 2017 11:42

Instrument :

BNA_F

ClientSampleId :

SRI-SB-X(8-10)20170222

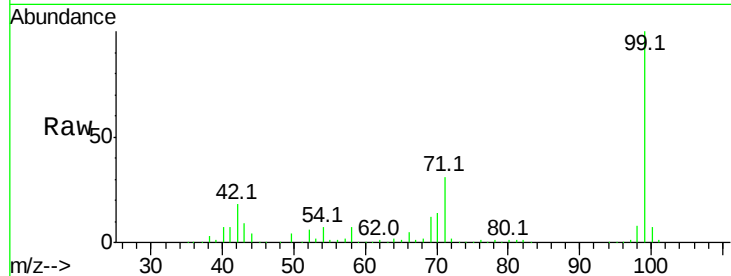
Tot Ion: 99 Resp: 1123368

Ion Ratio Lower Upper

99 100

42 18.2 15.6 23.4

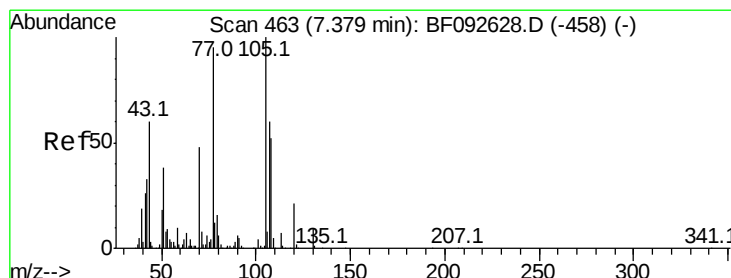
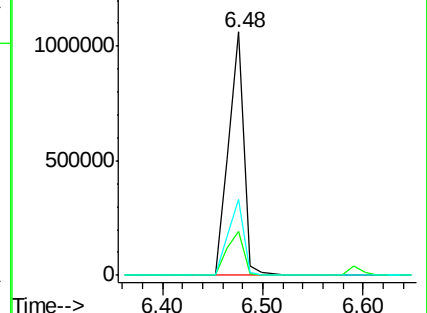
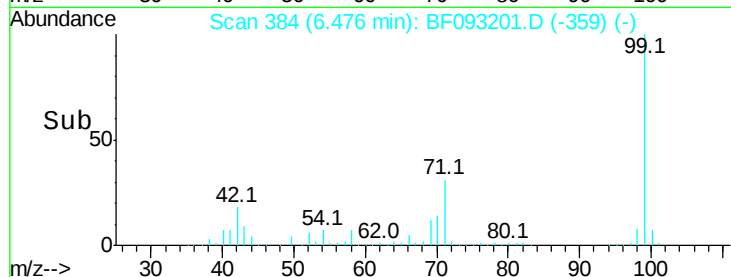
71 31.2 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.07 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF093201.D

Acq: 27 Feb 2017 11:42

Tgt Ion: 70 Resp: 107527

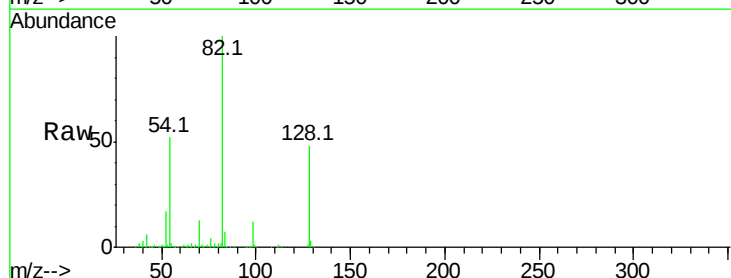
Ion Ratio Lower Upper

70 100

42 46.1 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

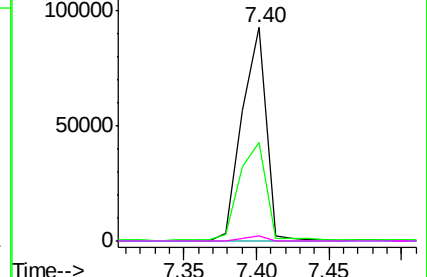
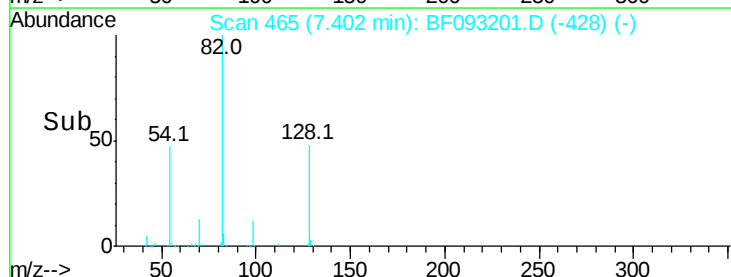


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

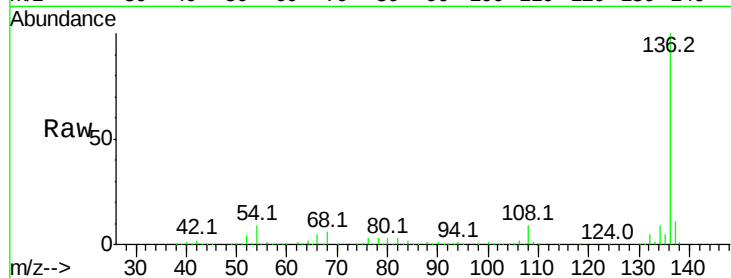




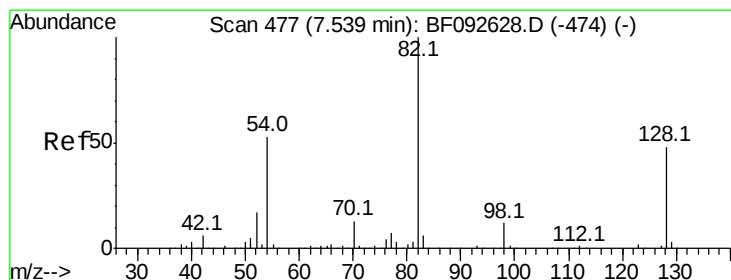
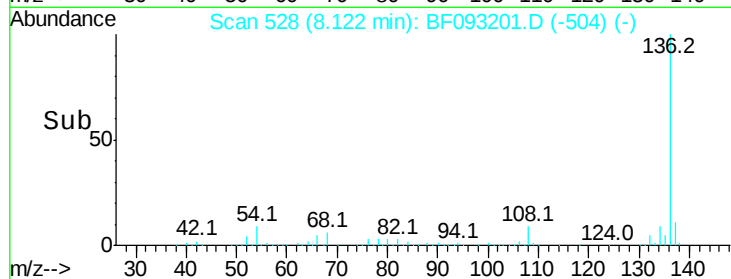
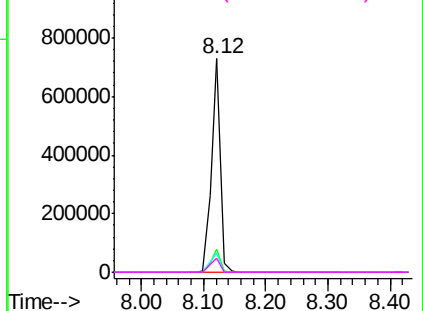
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093201.D
Acq: 27 Feb 2017 11:42

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

Tot Ion:136	Resp:	712981
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.4 12.6
54	8.8	4.5 6.7#
68	6.5	3.6 5.4#

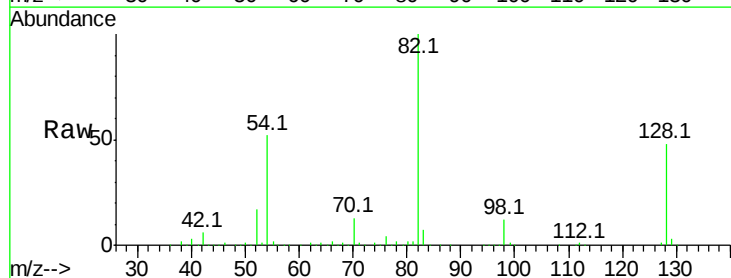


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

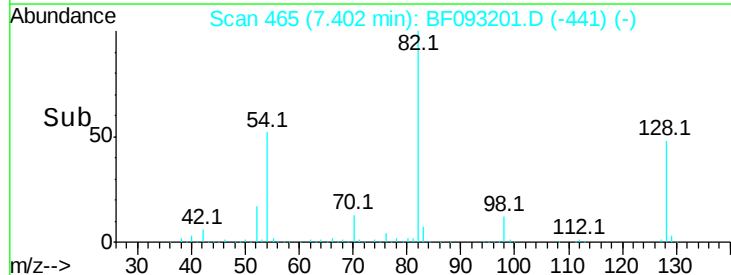
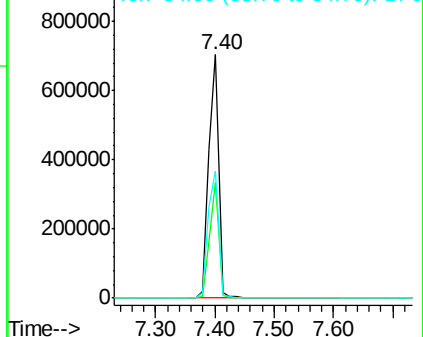


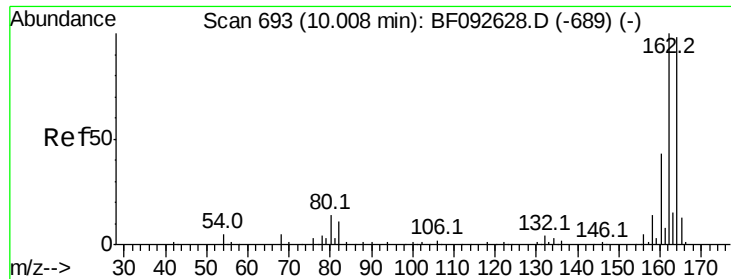
#23
Nitrobenzene-d5
Concen: 63.91 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093201.D
Acq: 27 Feb 2017 11:42

Tgt Ion: 82	Resp:	818312
Ion Ratio	Lower	Upper
82	100	
128	47.7	34.6 52.0
54	52.5	39.5 59.3



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

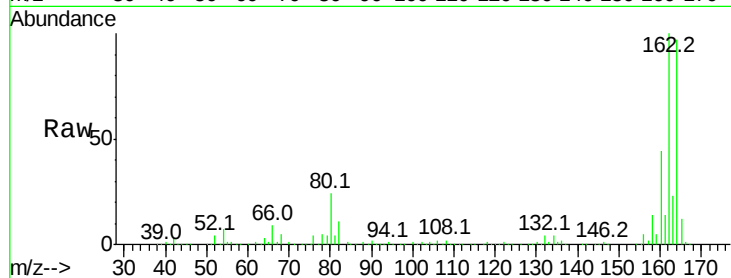




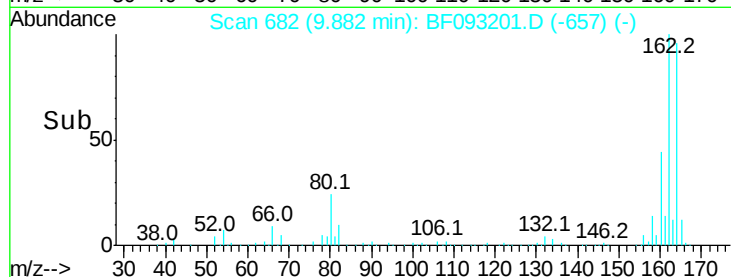
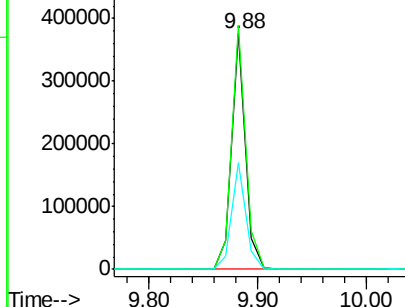
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093201.D
 Acq: 27 Feb 2017 11:42

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

Tot Ion:164 Resp: 327071
 Ion Ratio Lower Upper
 164 100
 162 103.3 80.2 120.2
 160 45.3 36.9 55.3

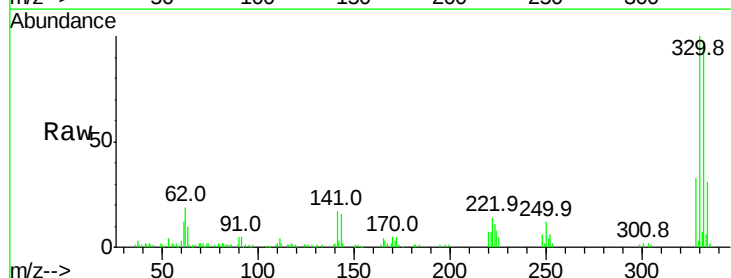


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

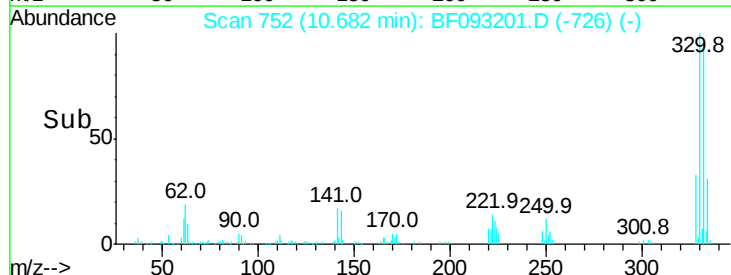
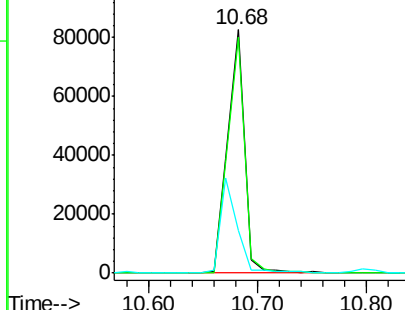


#41
 2,4,6-Tribromophenol
 Concen: 37.62 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF093201.D
 Acq: 27 Feb 2017 11:42

Tgt Ion:330 Resp: 88997
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 39.7 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



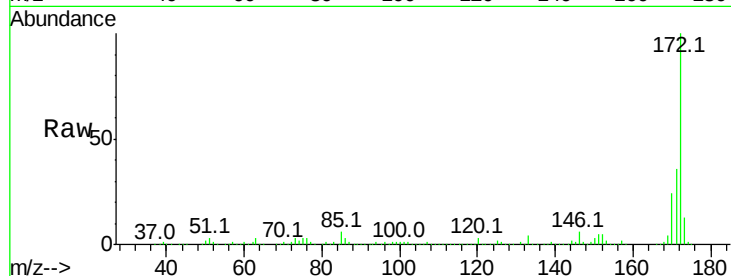


#44
 2-Fluorobiphenyl
 Concen: 73.65 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093201.D
 Acq: 27 Feb 2017 11:42

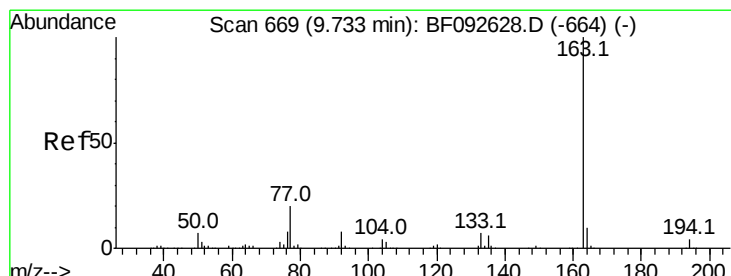
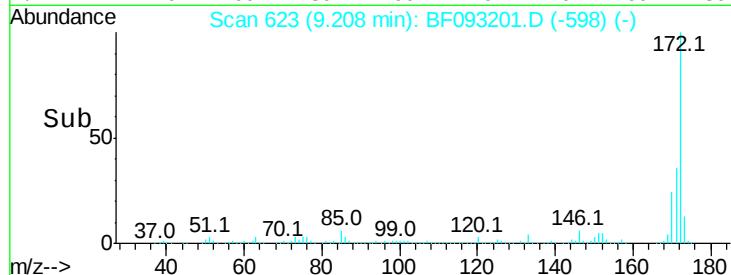
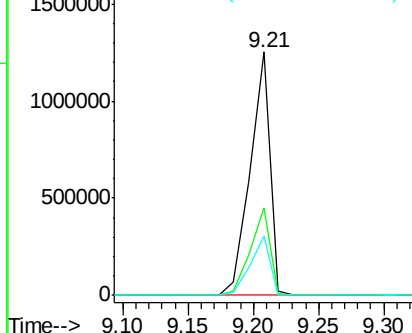
Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-X(8-10)20170222

Tot Ion:172 Resp: 1329567

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.3	20.2	30.4



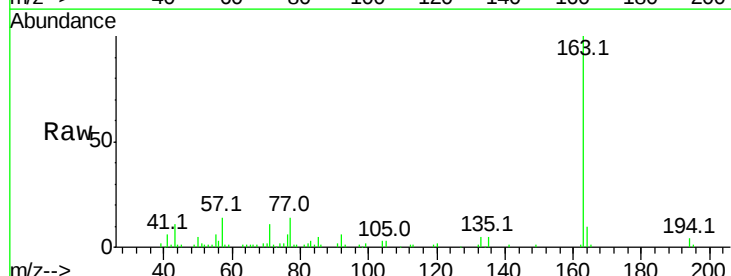
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



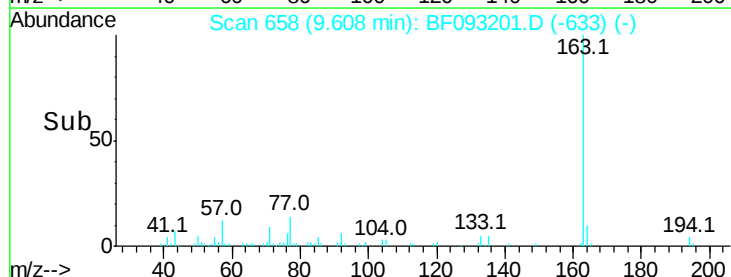
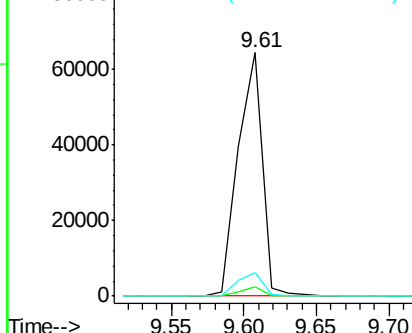
#49
 Dimethylphthalate
 Concen: 3.37 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF093201.D
 Acq: 27 Feb 2017 11:42

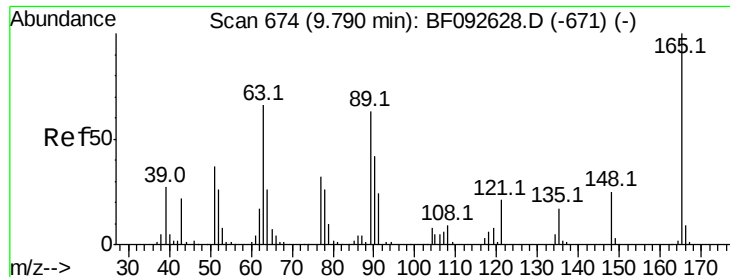
Tgt Ion:163 Resp: 74273

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	9.7	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

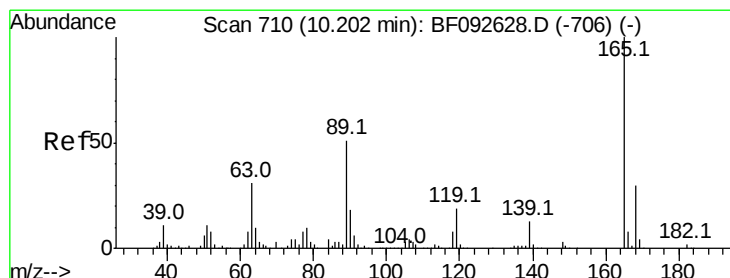
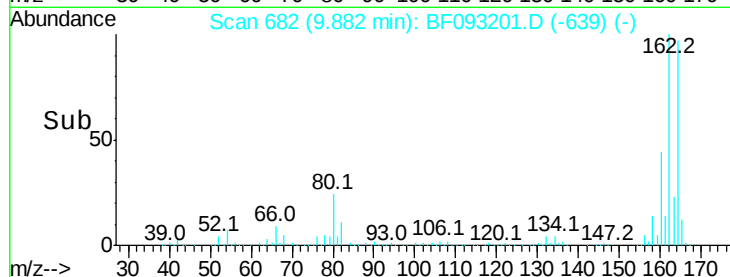
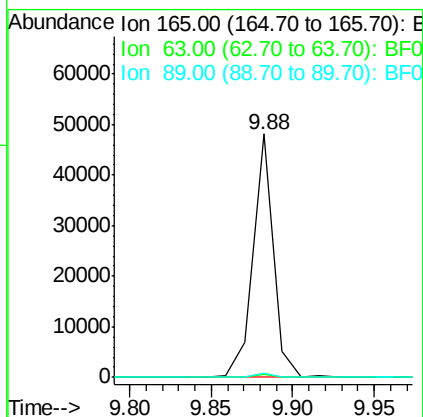
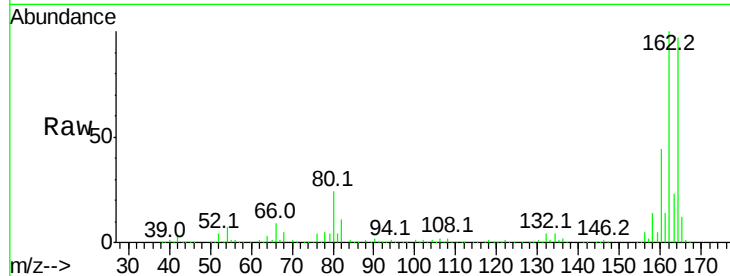




#50
 2,6-Dinitrotoluene
 Concen: 8.81 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.19 min
 Lab File: BF093201.D
 Acq: 27 Feb 2017 11:42

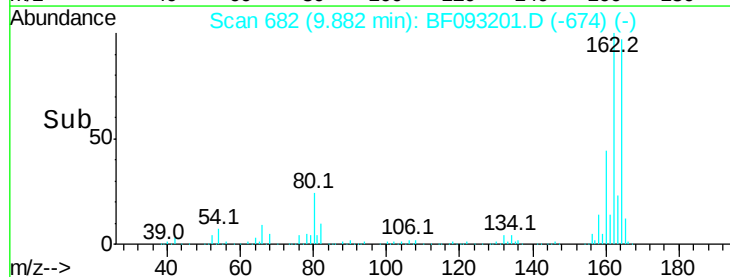
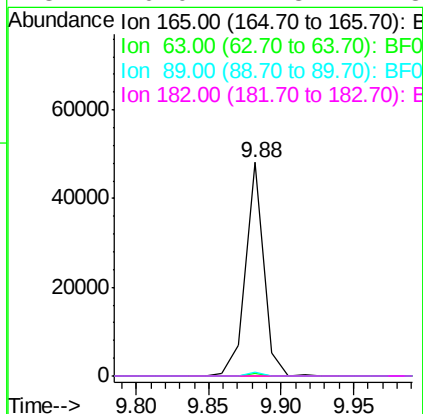
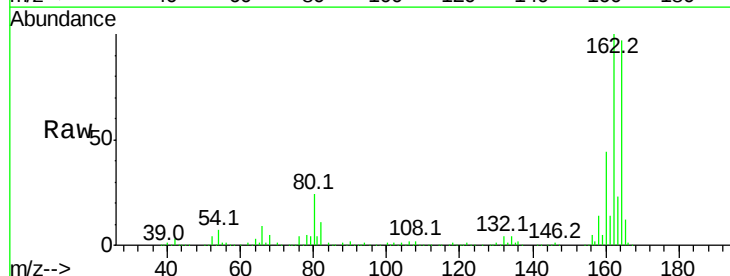
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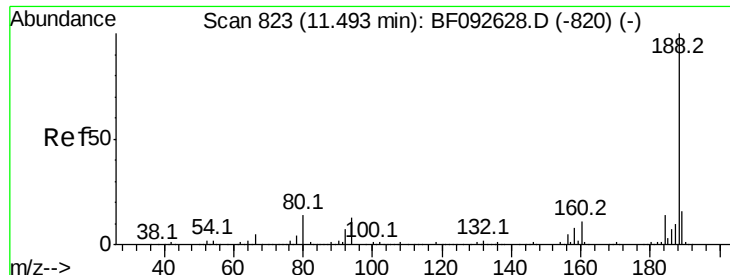
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.2	54.4#
89	1.5	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.61 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.21 min
 Lab File: BF093201.D
 Acq: 27 Feb 2017 11:42

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

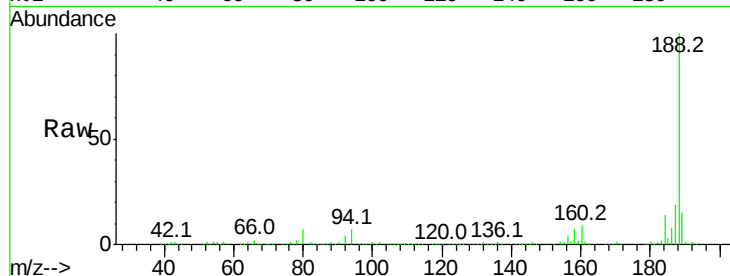




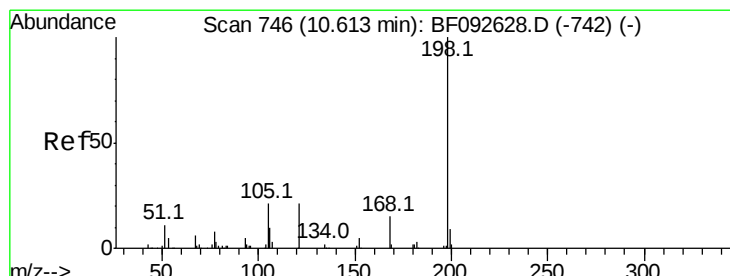
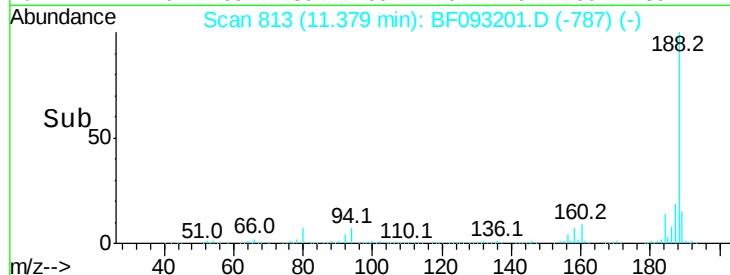
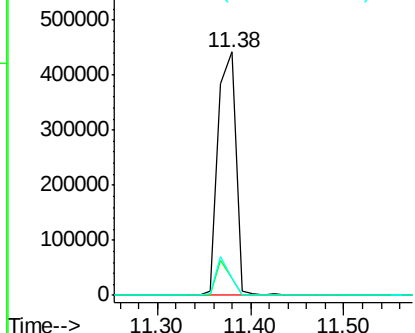
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF093201.D
Acq: 27 Feb 2017 11:42

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

Tot Ion:188 Resp: 583701
Ion Ratio Lower Upper
188 100
94 6.9 10.0 15.0#
80 6.9 11.2 16.8#

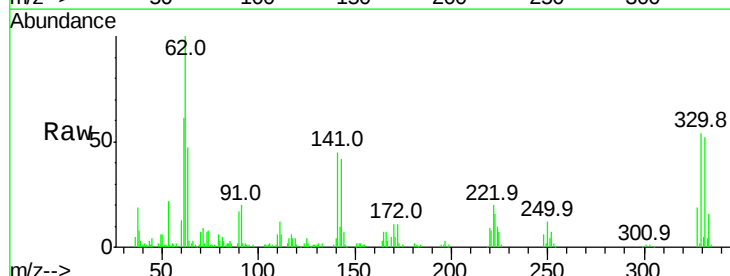


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

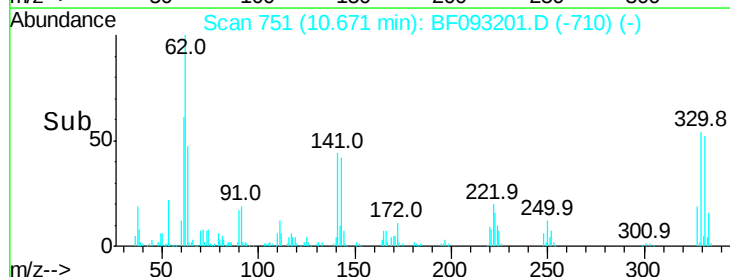
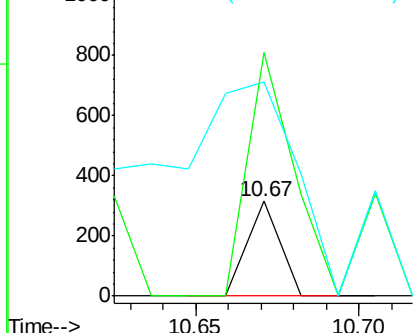


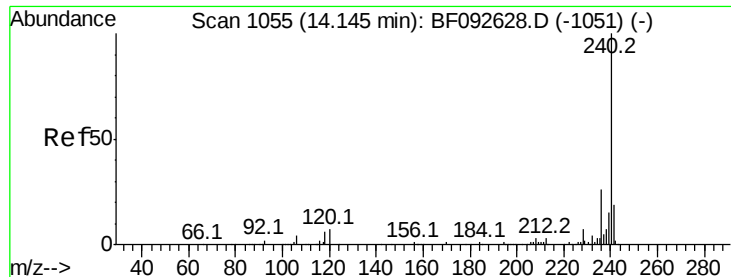
#64
4,6-Dinitro-2-methylphenol
Concen: 2.73 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.17 min
Lab File: BF093201.D
Acq: 27 Feb 2017 11:42

Tgt Ion:198 Resp: 217
Ion Ratio Lower Upper
198 100
51 256.0 6.7 46.7#
105 224.7 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093201.D

Acq: 27 Feb 2017 11:42

Instrument :

BNA_F

ClientSampleId :

SRI-SB-X(8-10)20170222

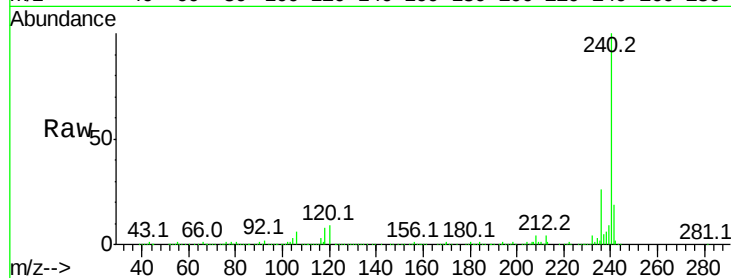
Tot Ion:240 Resp: 518409

Ion Ratio Lower Upper

240 100

120 9.4 12.9 19.3#

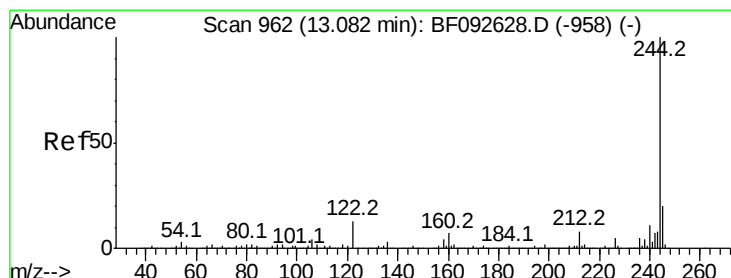
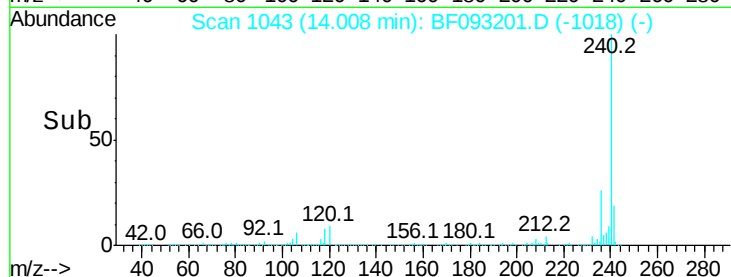
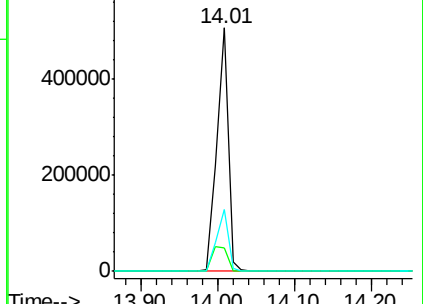
236 25.6 20.9 31.3



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: 47.32 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093201.D

Acq: 27 Feb 2017 11:42

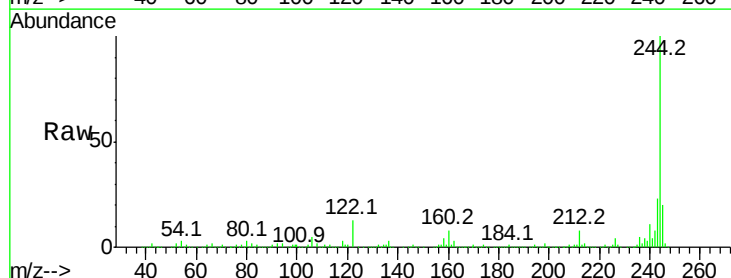
Tgt Ion:244 Resp: 1043949

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

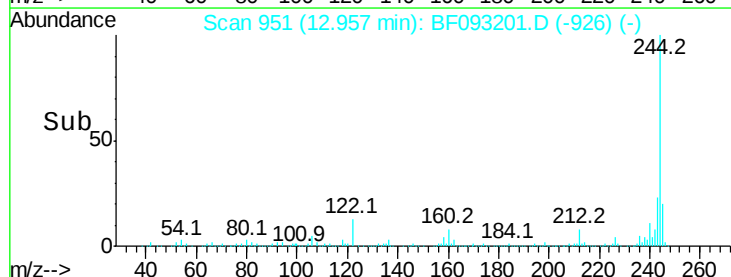
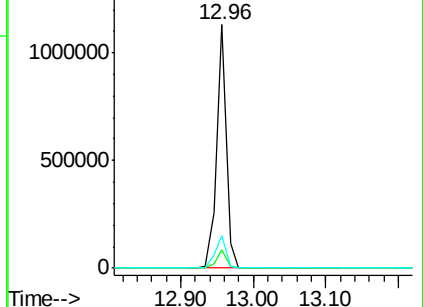
122 13.3 11.4 17.2

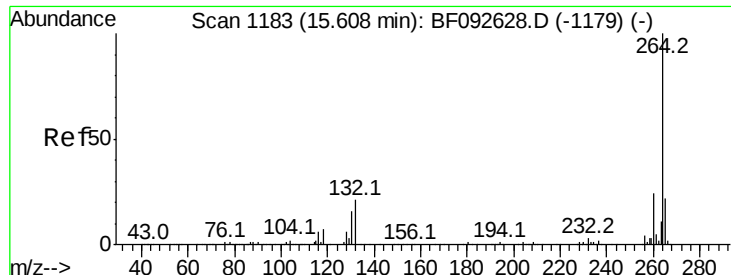


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

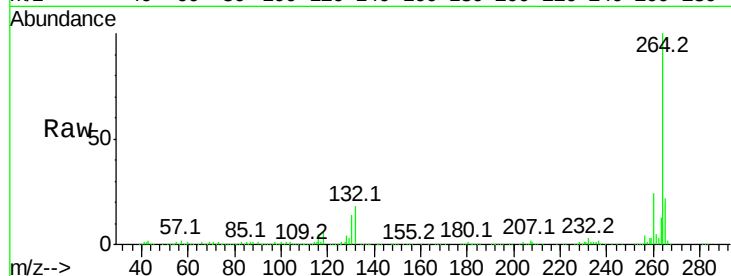




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093201.D
 Acq: 27 Feb 2017 11:42

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	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

