

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093371.D
 Acq On : 3 Mar 2017 21:01
 Operator : SJ/MA
 Sample : I2086-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302

Quant Time: Mar 03 22:13:50 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

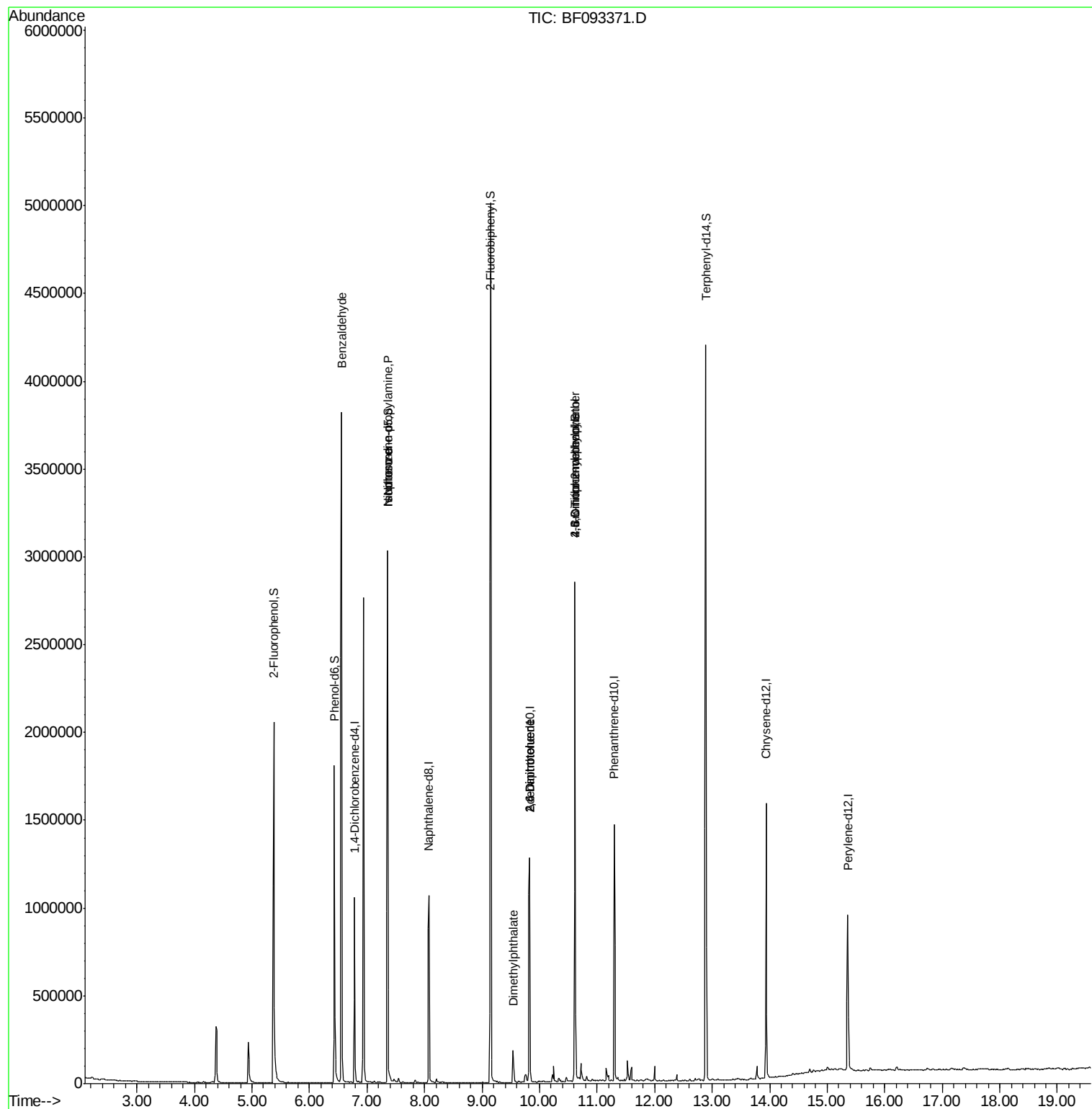
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	185730	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	708294	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	357737	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	629646	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	533395	20.00	ng	-0.08
86) Perylene-d12	15.36	264	394305	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	759301	70.14	ng	-0.07
7) Phenol-d6	6.43	99	641145	46.03	ng	-0.06
23) Nitrobenzene-d5	7.36	82	1094445	86.05	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	334001	129.09	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1942662	98.38	ng	-0.07
78) Terphenyl-d14	12.89	244	1427570	62.89	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.56	77	27680	2.77	ng	# 80
19) n-Nitroso-di-n-propylamine	7.36	70	150310	16.95	ng	# 79
25) Isophorone	7.36	82	863889	36.45	ng	# 65
49) Dimethylphthalate	9.54	163	84131	3.49	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	45176	8.68	ng	# 32
56) 2,4-Dinitrotoluene	9.82	165	45178	6.52	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.61	198	614	2.82	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	24676	3.75	ng	# 1

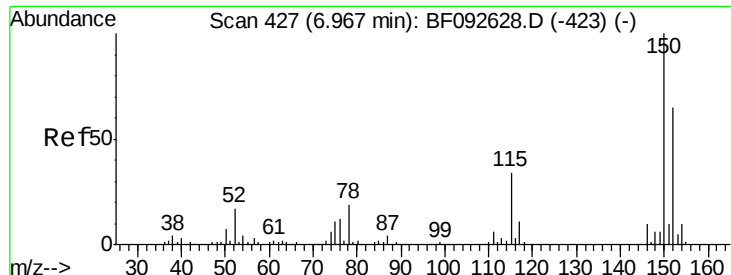
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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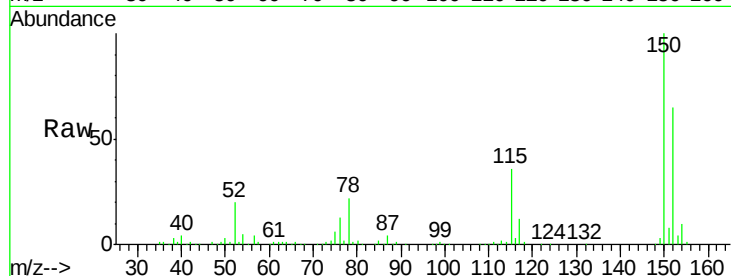


#1

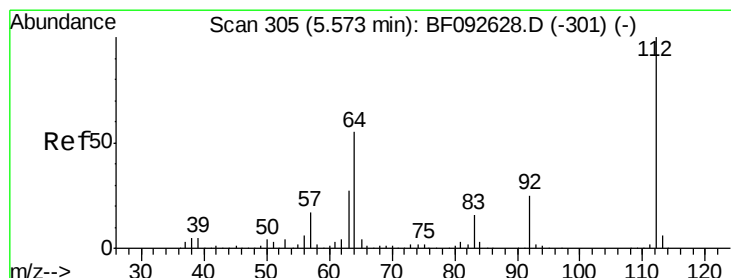
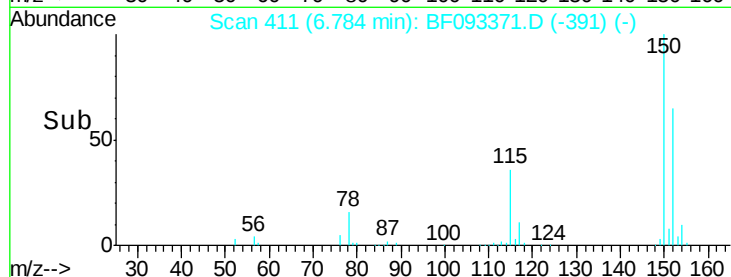
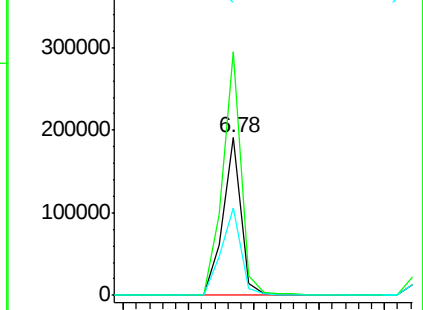
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF093371.D
 Acq: 3 Mar 2017 21:01

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302

Tgt Ion:152 Resp: 185730
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.9 187.3
 115 55.7 46.0 69.0



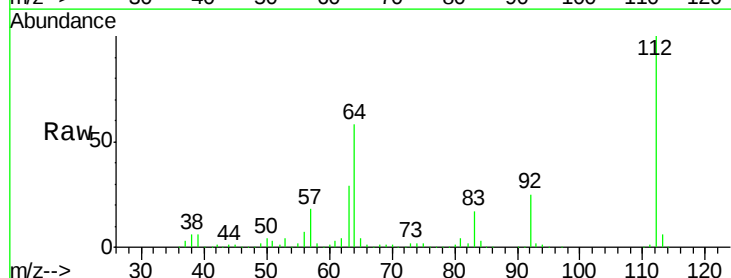
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



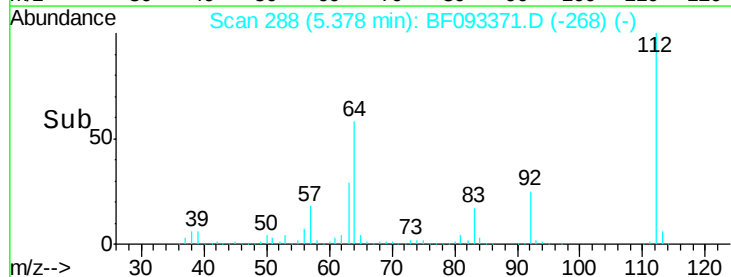
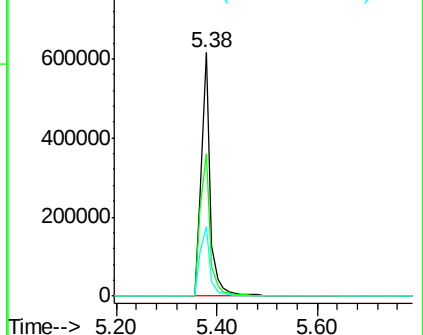
#5

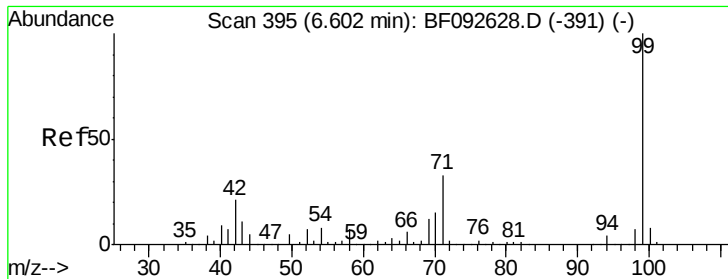
2-Fluorophenol
 Concen: 70.14 ng
 RT: 5.38 min Scan# 288
 Delta R.T. -0.07 min
 Lab File: BF093371.D
 Acq: 3 Mar 2017 21:01

Tgt Ion:112 Resp: 759301
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.1 69.1
 63 28.7 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: 46.03 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF093371.D

Acq: 3 Mar 2017 21:01

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302

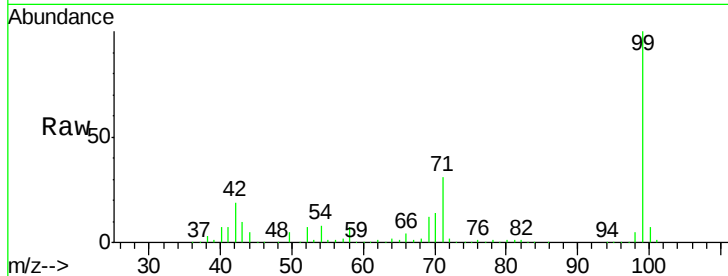
Tgt Ion: 99 Resp: 641145

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

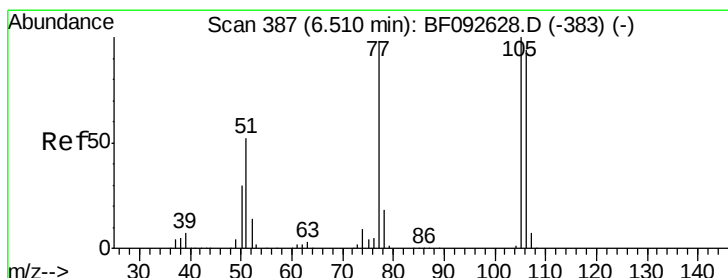
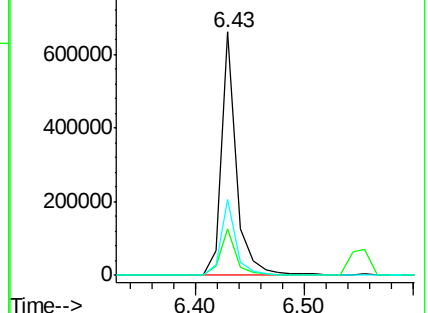
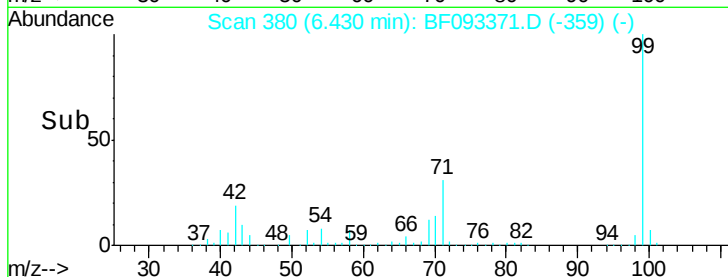
71 31.0 27.5 41.3



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



#9

Benzaldehyde

Concen: 2.77 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF093371.D

Acq: 3 Mar 2017 21:01

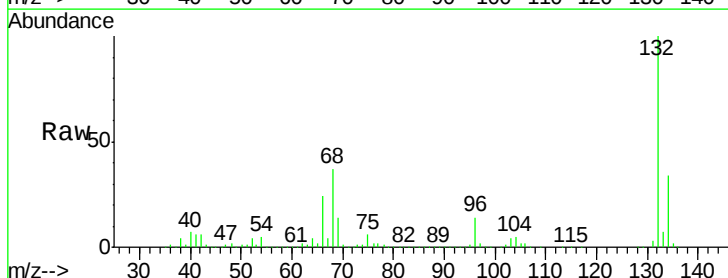
Tgt Ion: 77 Resp: 27680

Ion Ratio Lower Upper

77 100

105 84.8 83.9 123.9

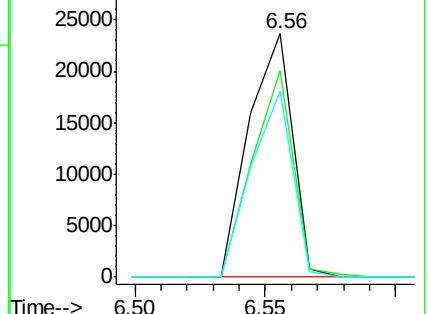
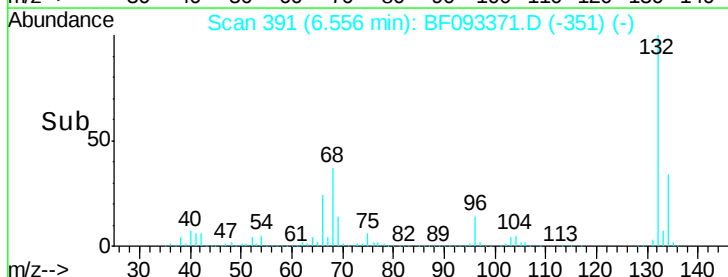
106 76.5 77.6 117.6#

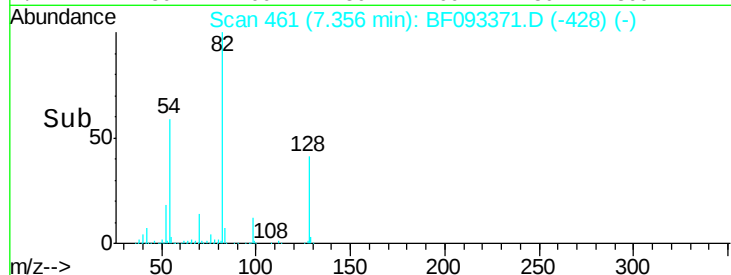
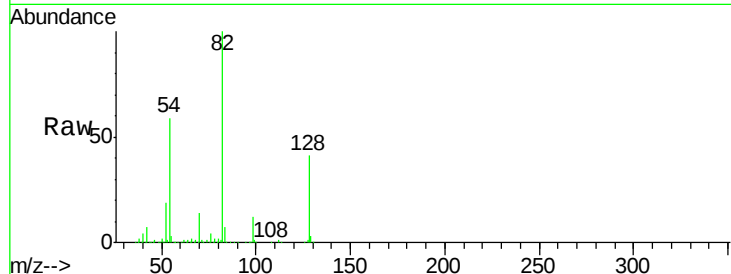


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

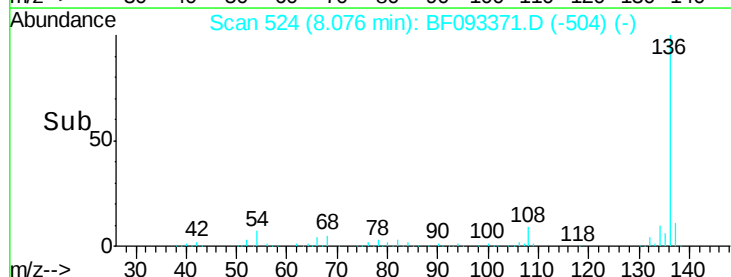
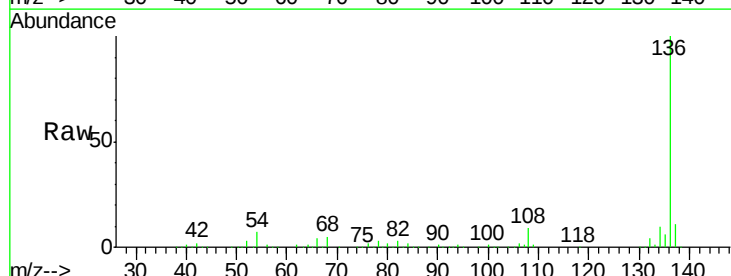
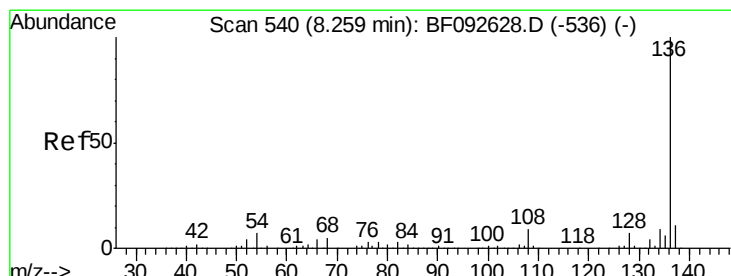
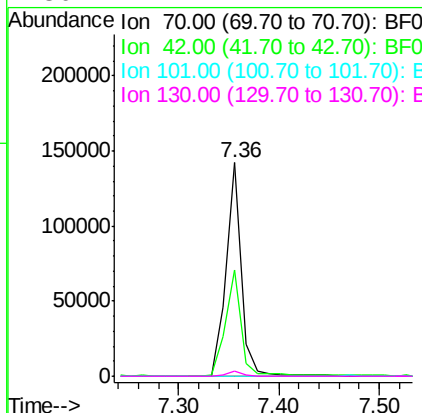




#19
n-Nitroso-di-n-propylamine
Concen: 16.95 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.08 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

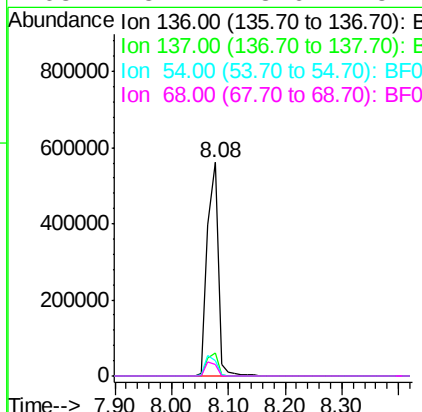
Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302

Tgt Ion:	70	Resp:	150310
Ion	Ratio	Lower	Upper
70	100		
42	49.6	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: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Tgt Ion:	136	Resp:	708294
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.1	4.5	6.7#
68	5.2	3.6	5.4

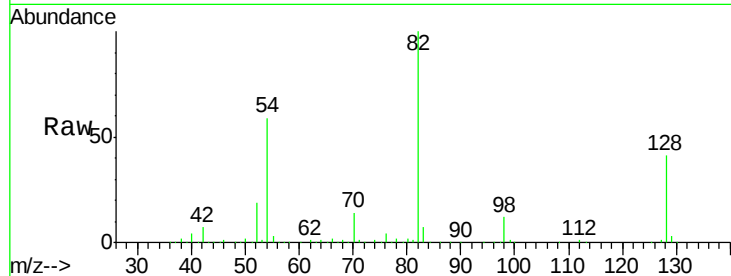




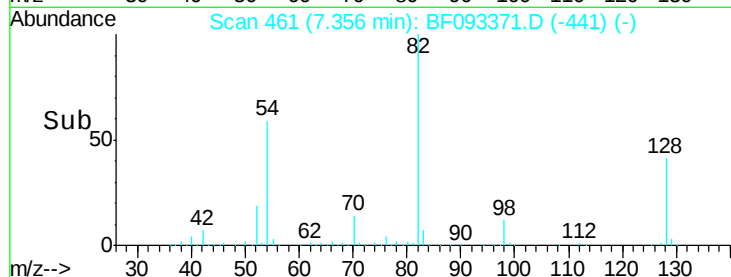
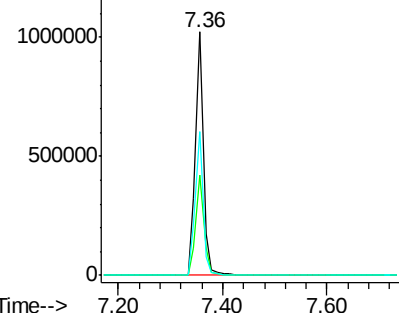
#23
Nitrobenzene-d5
Concen: 86.05 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.07 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302

Tgt Ion: 82 Resp: 1094445
Ion Ratio Lower Upper
82 100
128 41.3 34.6 52.0
54 58.8 39.5 59.3

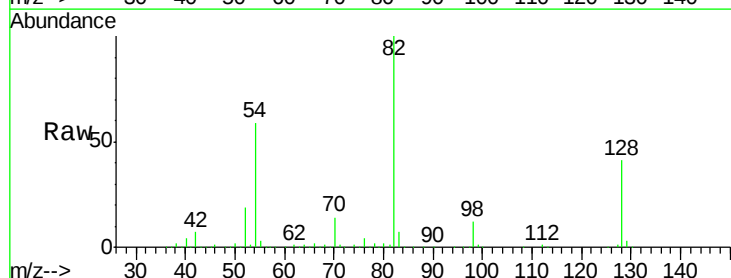


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

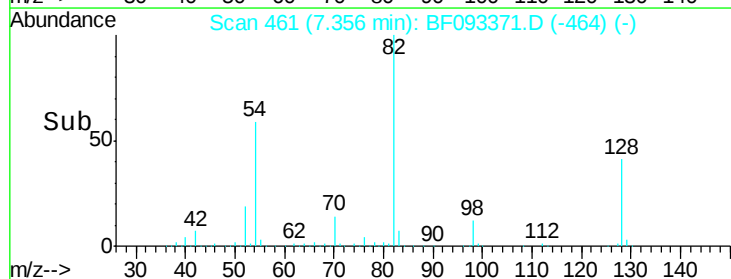
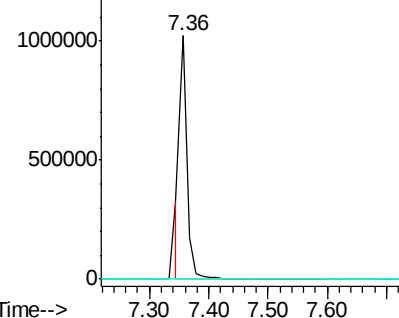


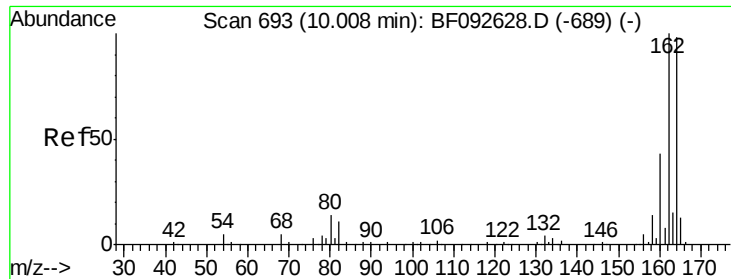
#25
Isophorone
Concen: 36.45 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.33 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Tgt Ion: 82 Resp: 863889
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

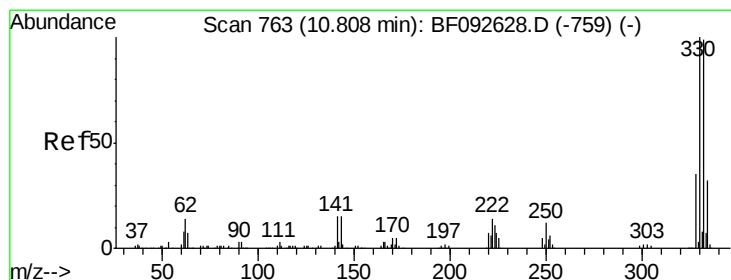
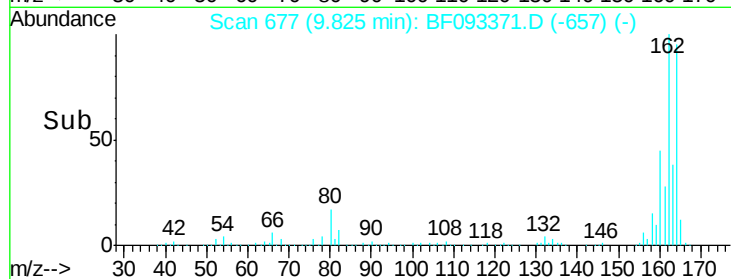
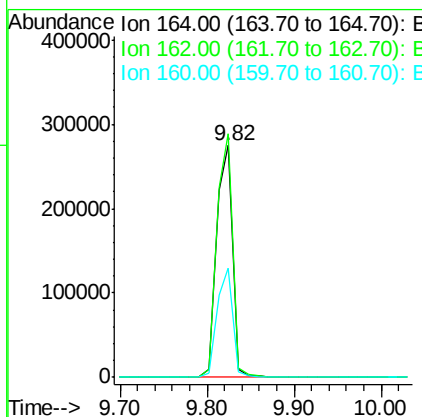
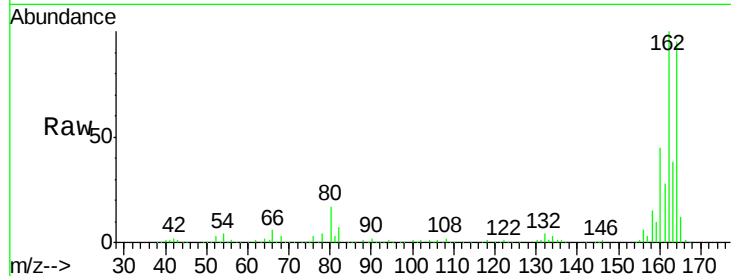




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF093371.D
 Acq: 3 Mar 2017 21:01

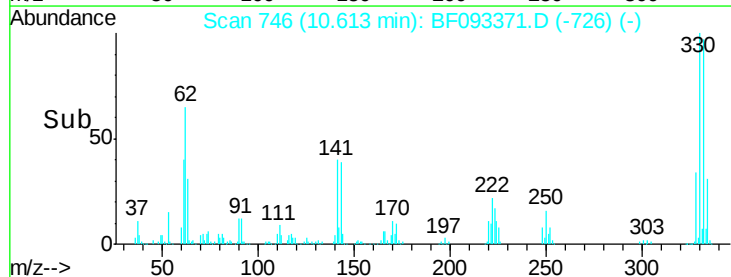
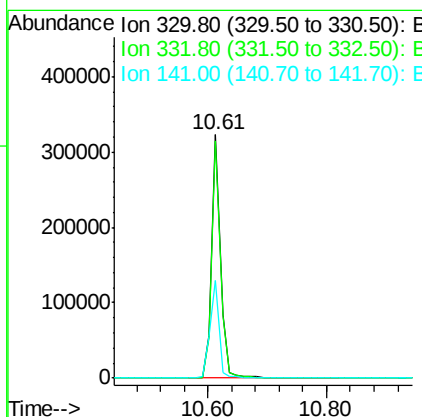
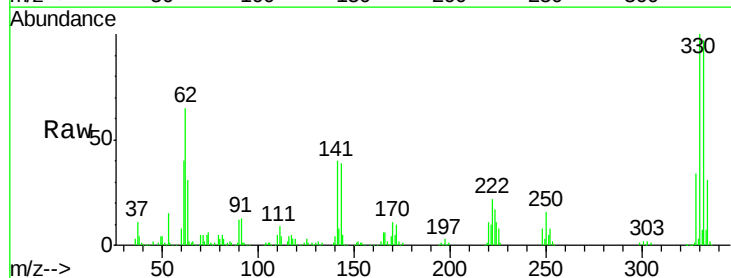
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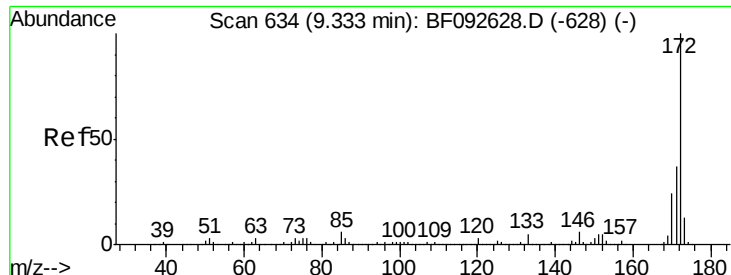
Tgt Ion:164 Resp: 357737
 Ion Ratio Lower Upper
 164 100
 162 105.2 80.2 120.2
 160 47.1 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 129.09 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF093371.D
 Acq: 3 Mar 2017 21:01

Tgt Ion:330 Resp: 334001
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 41.9 34.1 51.1

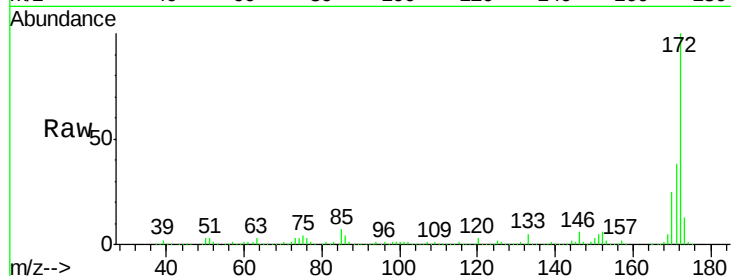




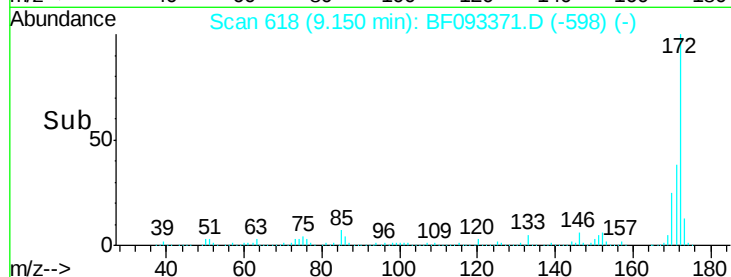
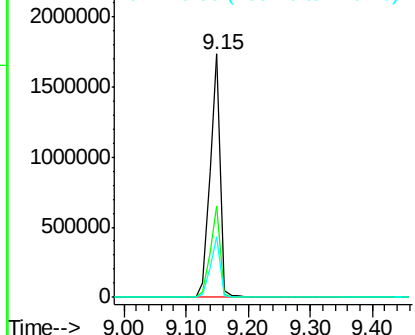
#44
 2-Fluorobiphenyl
 Concen: 98.38 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF093371.D
 Acq: 3 Mar 2017 21:01

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302

Tgt Ion:172 Resp: 1942662
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.4 44.0
 170 24.9 20.2 30.4

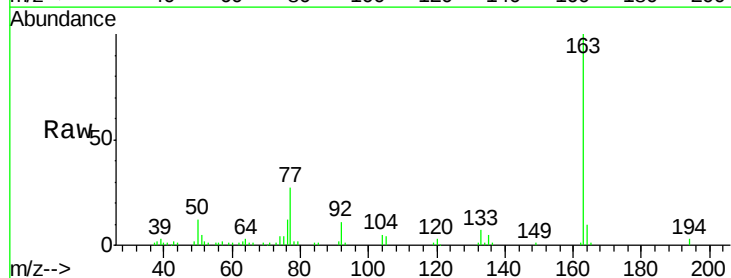


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

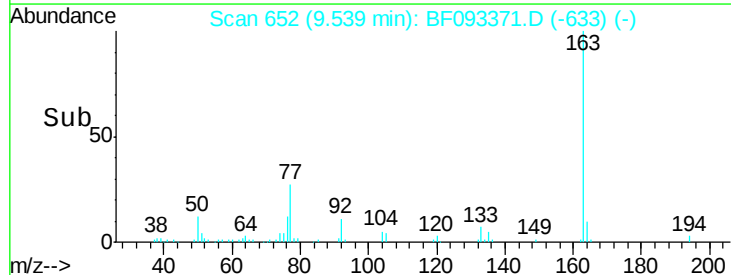
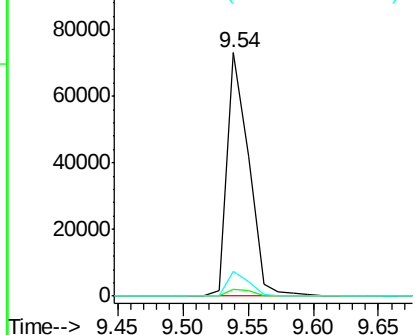


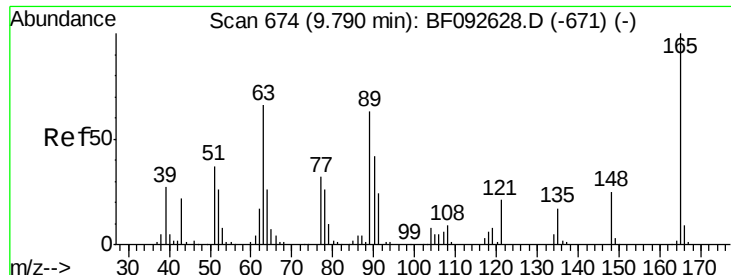
#49
 Dimethylphthalate
 Concen: 3.49 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.08 min
 Lab File: BF093371.D
 Acq: 3 Mar 2017 21:01

Tgt Ion:163 Resp: 84131
 Ion Ratio Lower Upper
 163 100
 194 2.8 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

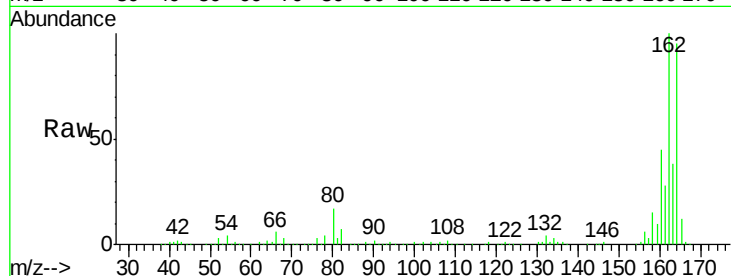




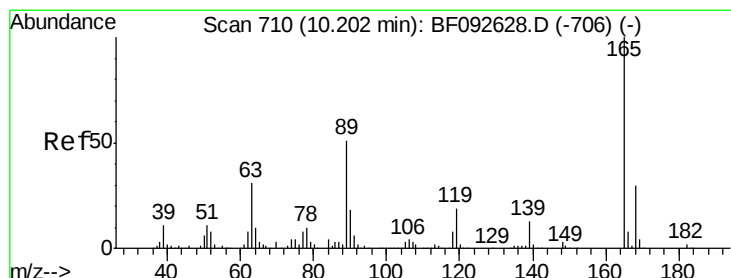
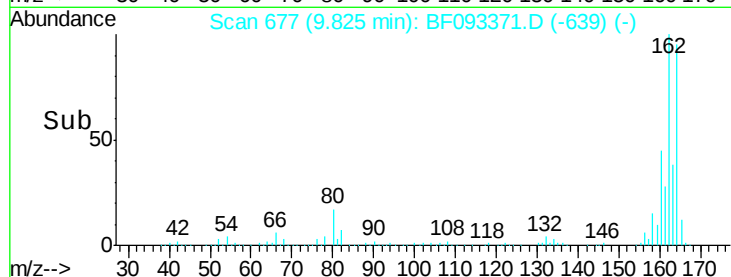
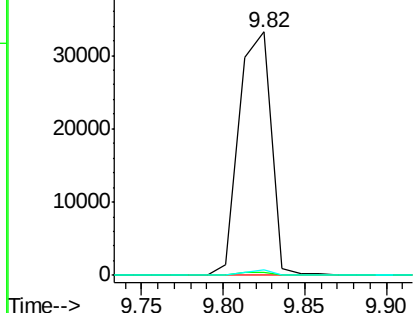
#50
 2,6-Dinitrotoluene
 Concen: 8.68 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.14 min
 Lab File: BF093371.D
 Acq: 3 Mar 2017 21:01

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302

Tgt Ion:165 Resp: 45176
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.2 54.4#
 89 2.3 40.2 60.4#



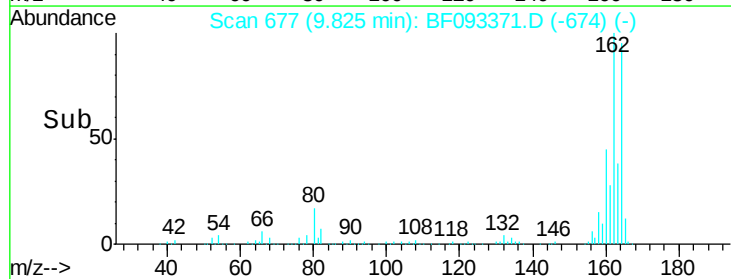
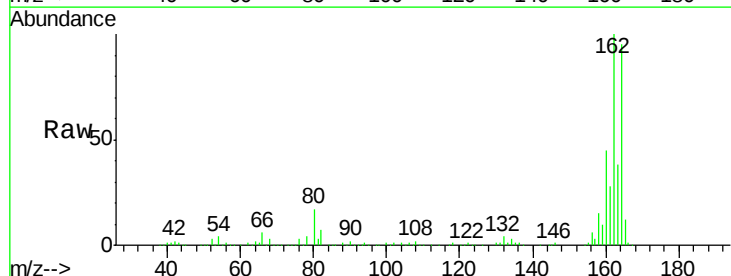
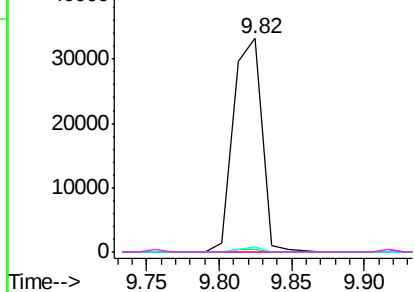
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

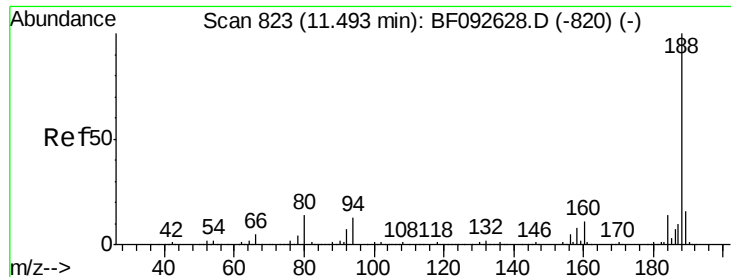


#56
 2,4-Dinitrotoluene
 Concen: 6.52 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.26 min
 Lab File: BF093371.D
 Acq: 3 Mar 2017 21:01

Tgt Ion:165 Resp: 45178
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.2 60.4#
 89 2.3 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

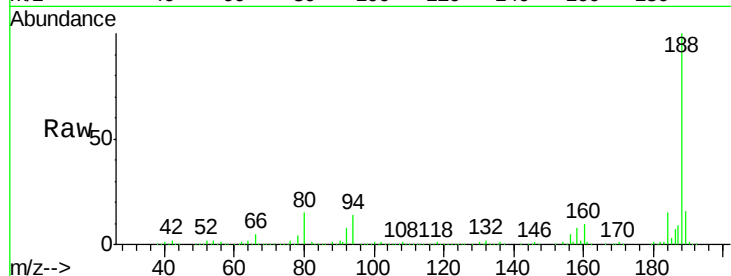




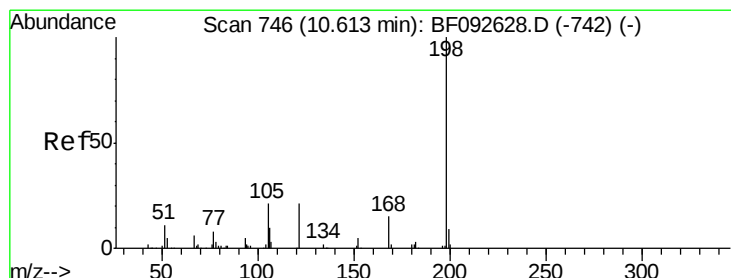
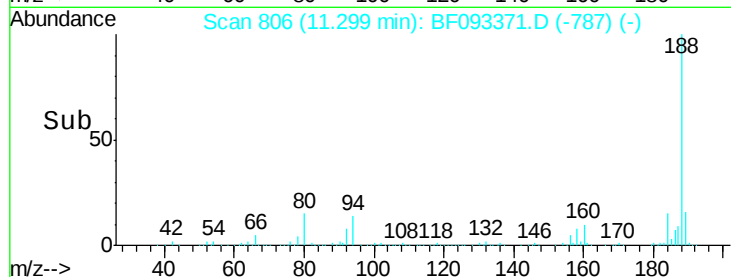
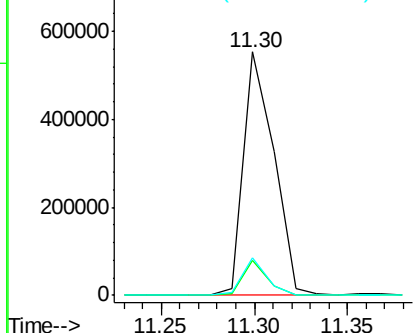
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Instrument :
BNA_F
ClientSampleId :
SRI-MW-4-20170302

Tgt Ion:188 Resp: 629646
Ion Ratio Lower Upper
188 100
94 14.3 10.0 15.0
80 15.5 11.2 16.8

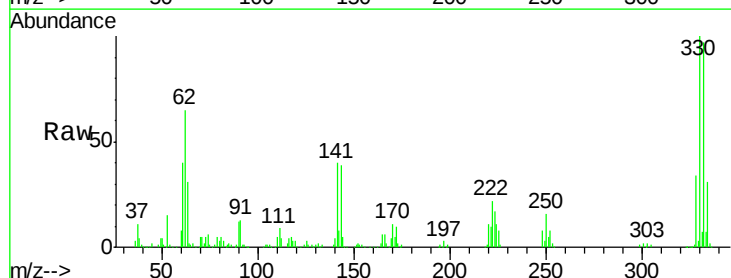


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

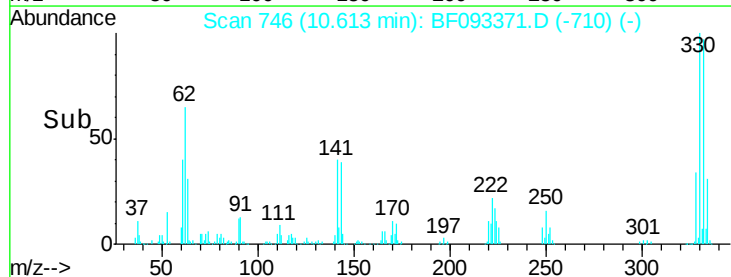
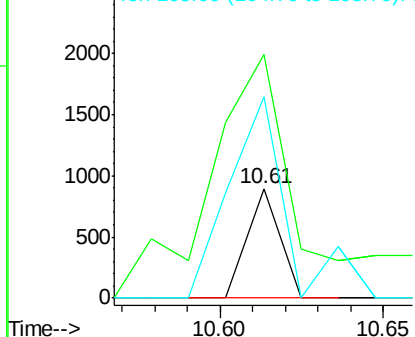


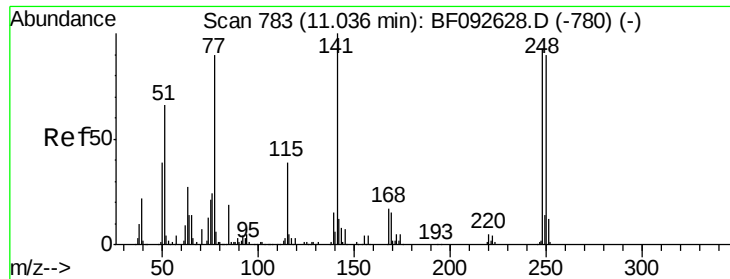
#64
4,6-Dinitro-2-methylphenol
Concen: 2.82 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.11 min
Lab File: BF093371.D
Acq: 3 Mar 2017 21:01

Tgt Ion:198 Resp: 614
Ion Ratio Lower Upper
198 100
51 222.2 6.7 46.7#
105 184.3 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: 3.75 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.31 min

Lab File: BF093371.D

Acq: 3 Mar 2017 21:01

Instrument :

BNA_F

ClientSampleId :

SRI-MW-4-20170302

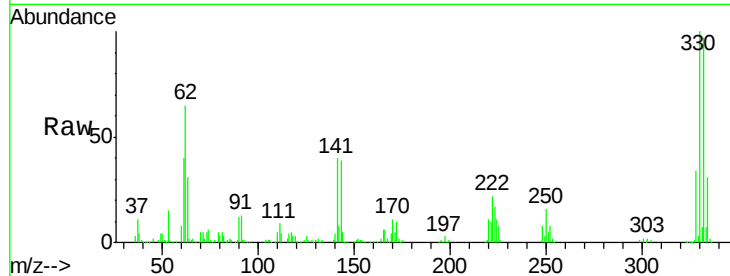
Tgt Ion:248 Resp: 24676

Ion Ratio Lower Upper

248 100

250 203.4 76.9 115.3#

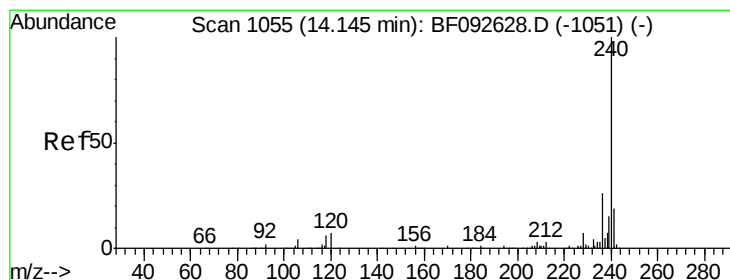
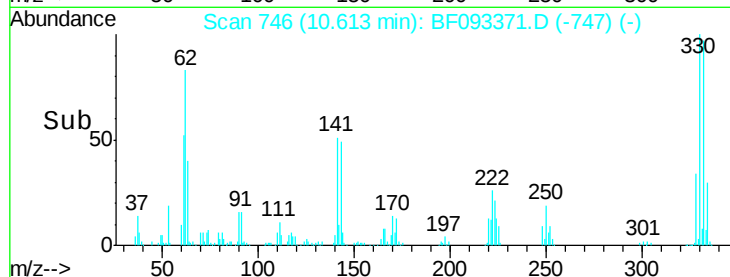
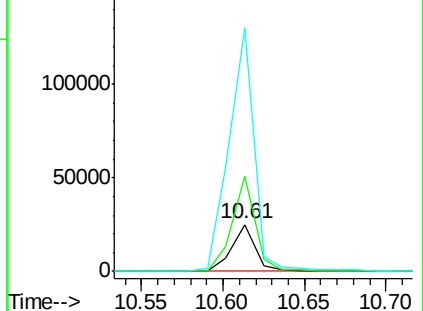
141 517.4 68.2 102.4#



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: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF093371.D

Acq: 3 Mar 2017 21:01

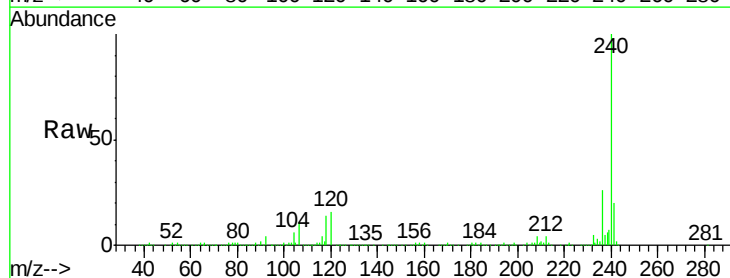
Tgt Ion:240 Resp: 533395

Ion Ratio Lower Upper

240 100

120 15.6 12.9 19.3

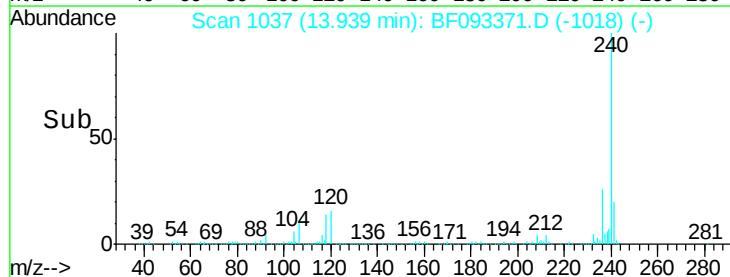
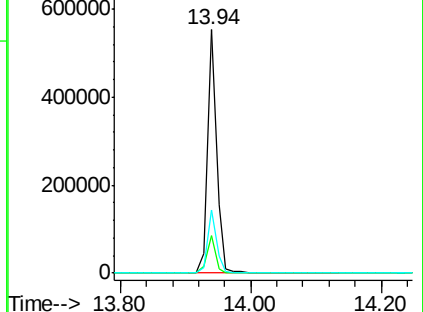
236 26.1 20.9 31.3

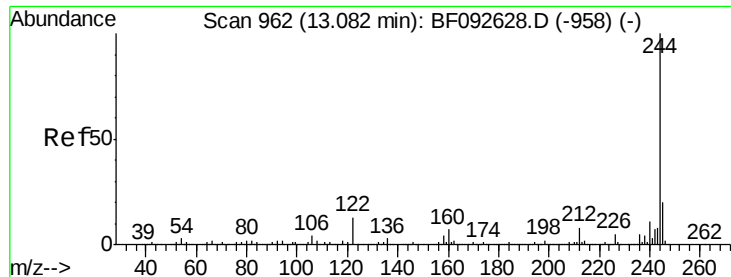


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

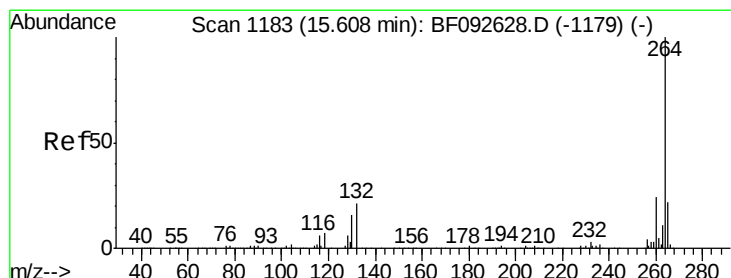
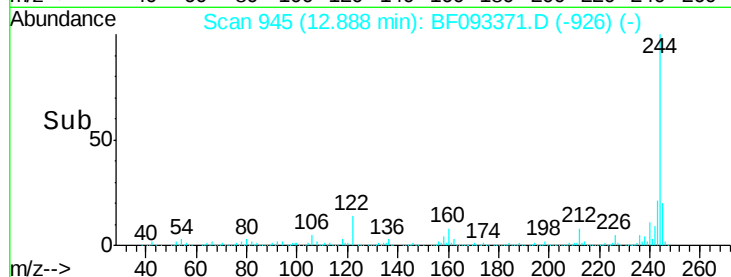
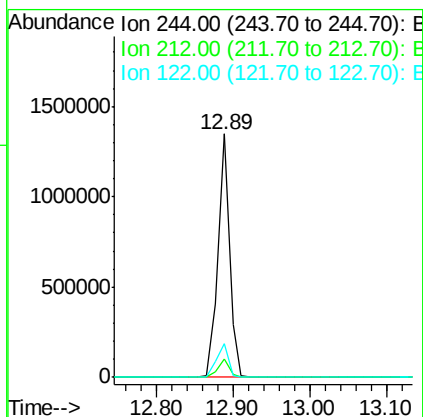
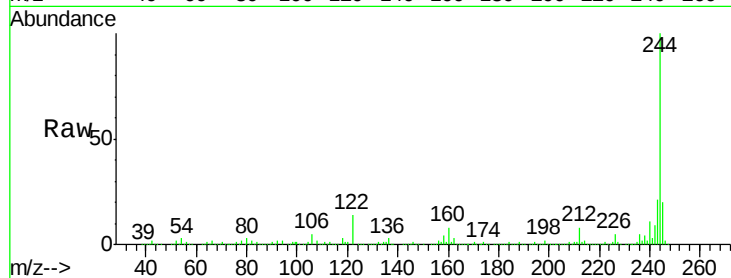




#78
 Terphenyl-d14
 Concen: 62.89 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.08 min
 Lab File: BF093371.D
 Acq: 3 Mar 2017 21:01

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-4-20170302

Tgt Ion:244 Resp: 1427570
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 13.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.09 min
 Lab File: BF093371.D
 Acq: 3 Mar 2017 21:01

Tgt Ion:264 Resp: 394305
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.5 17.4 26.0

