

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093369.D
 Acq On : 3 Mar 2017 20:06
 Operator : SJ/MA
 Sample : I2086-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-3-20170302

Quant Time: Mar 03 22:13:26 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

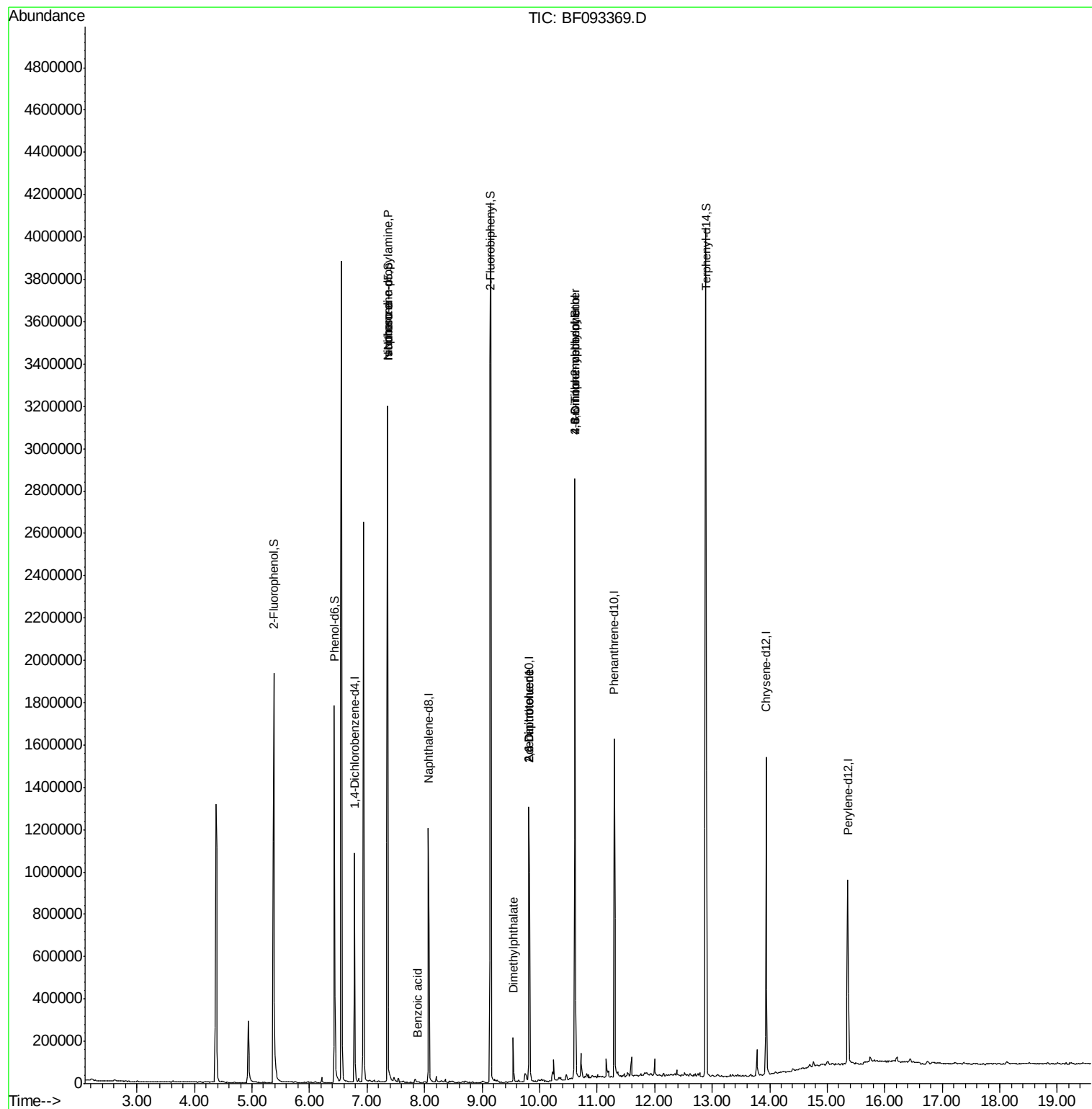
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	192159	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	706373	20.00	ng	-0.08
38) Acenaphthene-d10	9.81	164	347966	20.00	ng	-0.08
63) Phenanthrene-d10	11.30	188	655216	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	530864	20.00	ng	-0.08
86) Perylene-d12	15.36	264	380559	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	726335	64.85	ng	-0.07
7) Phenol-d6	6.43	99	625007	43.37	ng	-0.06
23) Nitrobenzene-d5	7.36	82	1129092	89.01	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	335821	133.44	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1970436	102.59	ng	-0.07
78) Terphenyl-d14	12.89	244	1523547	67.43	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	153884	16.77	ng	# 81
25) Isophorone	7.36	82	1119905	47.38	ng	# 65
32) Benzoic acid	7.87	122	320	7.21	ng	# 80
49) Dimethylphthalate	9.54	163	85644	3.65	ng	98
50) 2,6-Dinitrotoluene	9.81	165	43247	8.54	ng	# 32
56) 2,4-Dinitrotoluene	9.81	165	43249	6.42	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.61	198	995	2.90	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	24260	3.54	ng	# 1

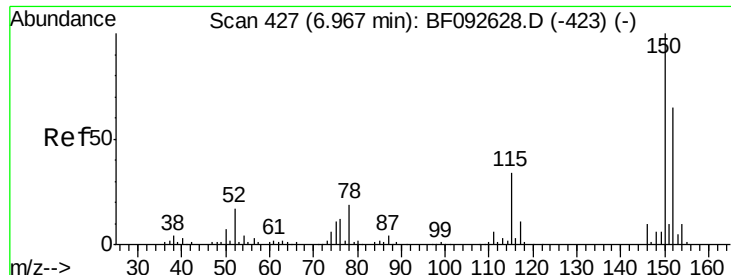
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093369.D

Acq: 3 Mar 2017 20:06

Instrument :

BNA_F

ClientSampleId :

SRI-MW-3-20170302

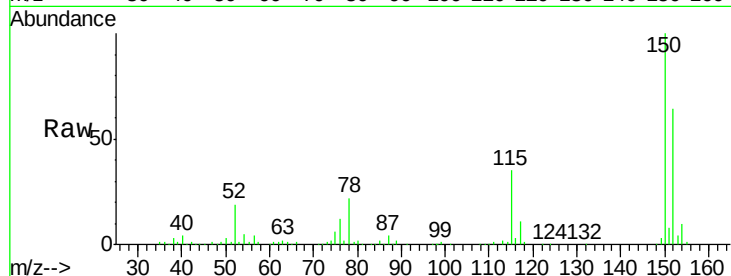
Tgt Ion:152 Resp: 192159

Ion Ratio Lower Upper

152 100

150 155.3 124.9 187.3

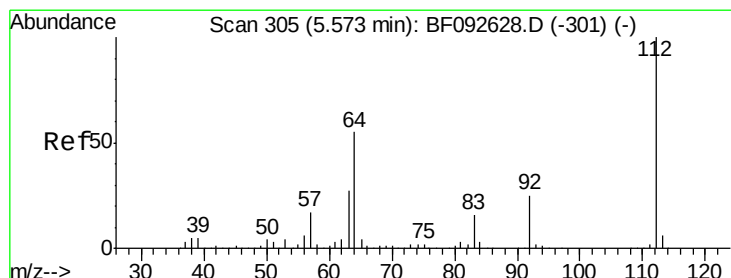
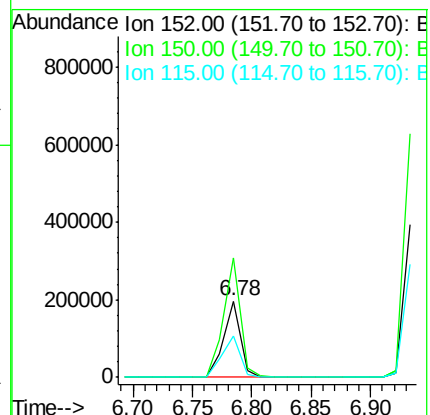
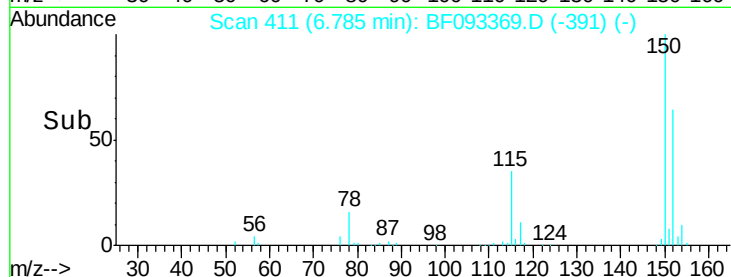
115 54.6 46.0 69.0



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: 64.85 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.07 min

Lab File: BF093369.D

Acq: 3 Mar 2017 20:06

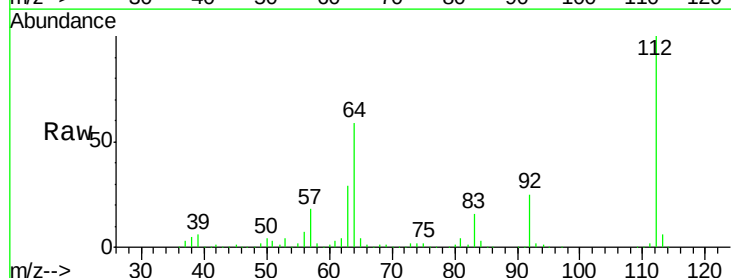
Tgt Ion:112 Resp: 726335

Ion Ratio Lower Upper

112 100

64 58.5 46.1 69.1

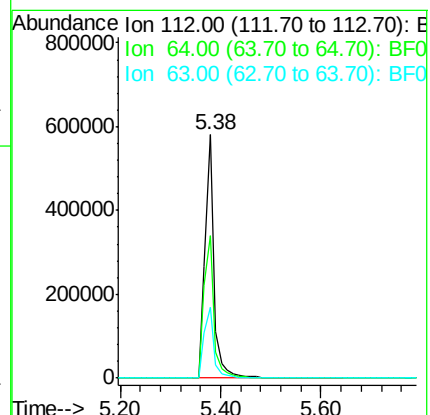
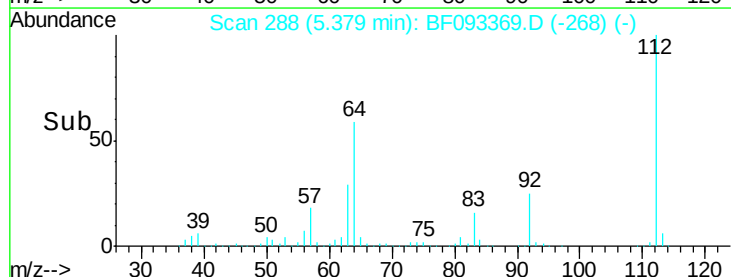
63 29.1 23.8 35.6

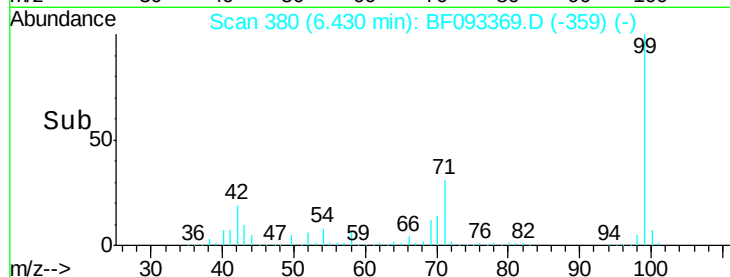
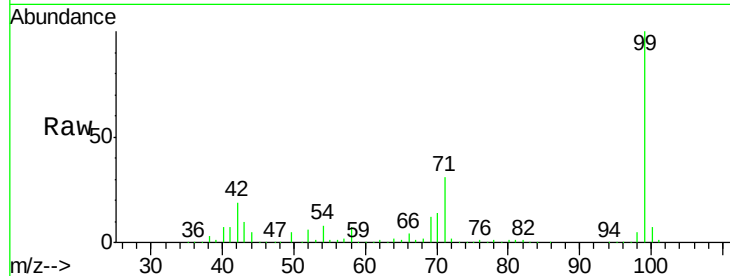
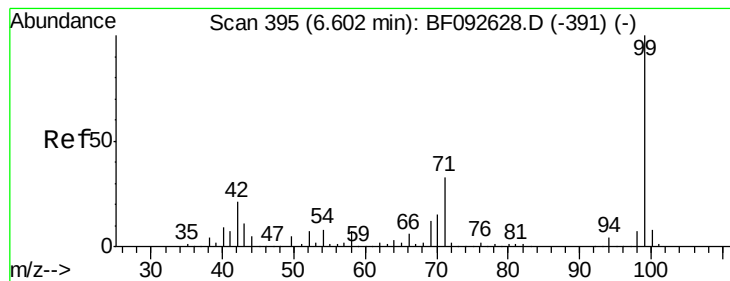


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.37 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF093369.D

Acq: 3 Mar 2017 20:06

Instrument :

BNA_F

ClientSampleId :

SRI-MW-3-20170302

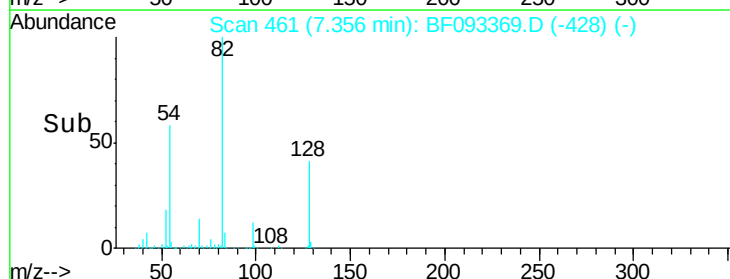
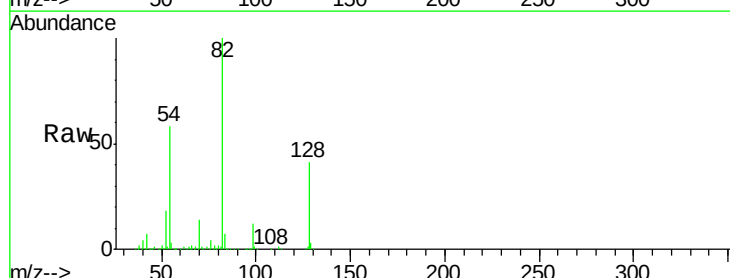
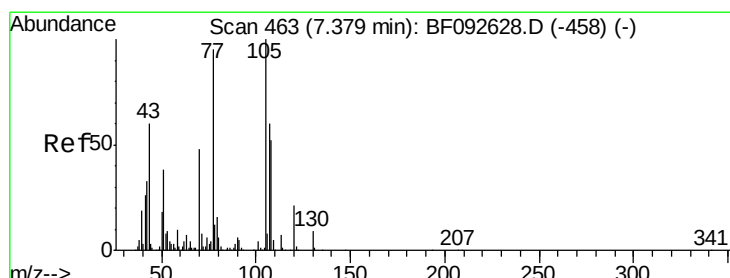
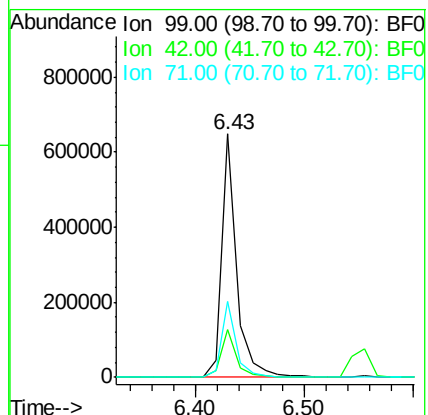
Tgt Ion: 99 Resp: 625007

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

71 31.0 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.77 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.08 min

Lab File: BF093369.D

Acq: 3 Mar 2017 20:06

Tgt Ion: 70 Resp: 153884

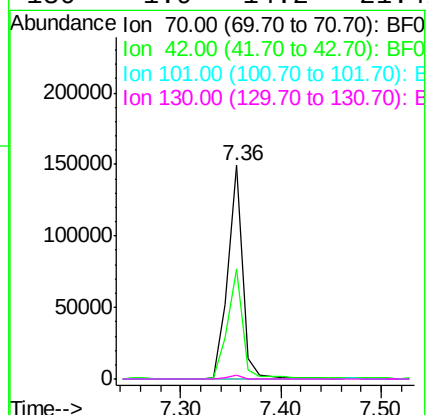
Ion Ratio Lower Upper

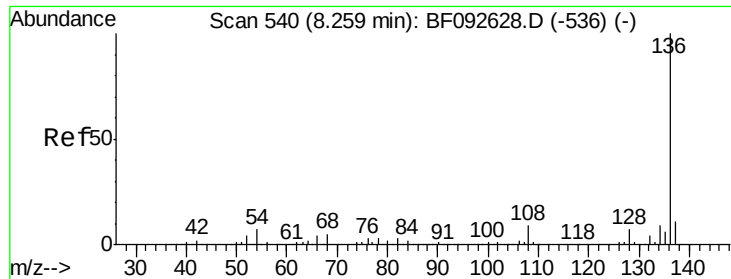
70 100

42 51.6 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

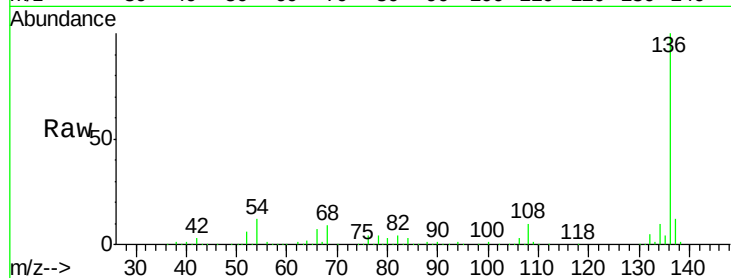




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.08 min
Lab File: BF093369.D
Acq: 3 Mar 2017 20:06

Instrument :
BNA_F
ClientSampleId :
SRI-MW-3-20170302

Tgt Ion:	136	Resp:	706373
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.4	12.6
54	12.5	4.5	6.7#
68	8.7	3.6	5.4#



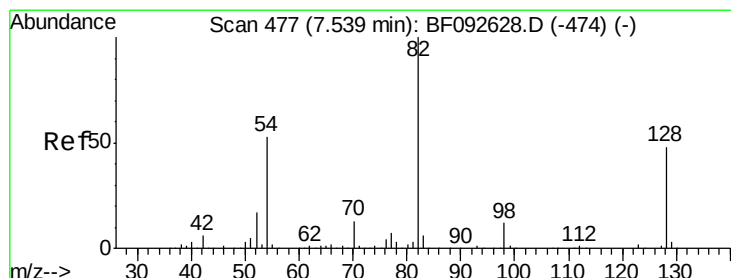
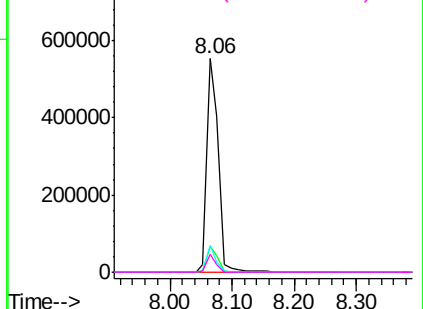
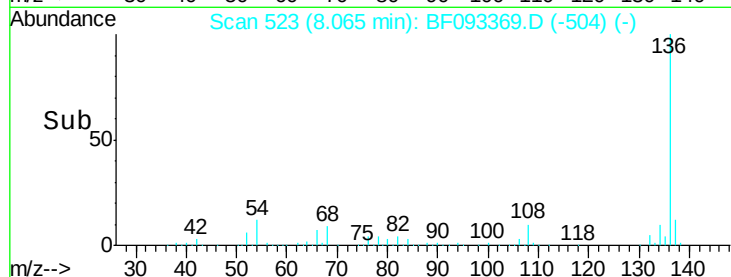
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

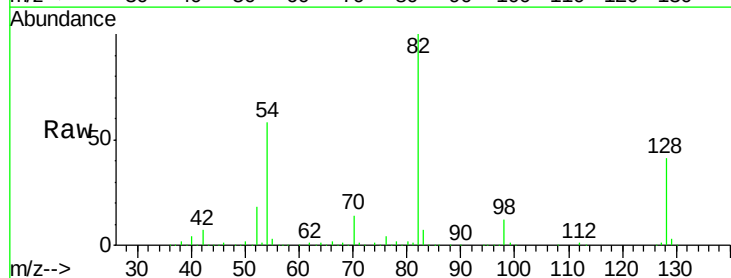
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 89.01 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.07 min
Lab File: BF093369.D
Acq: 3 Mar 2017 20:06

Tgt Ion:	82	Resp:	1129092
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	58.1	39.5	59.3

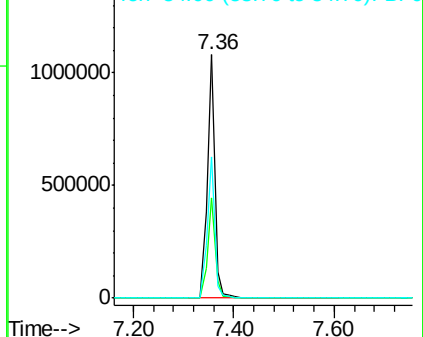
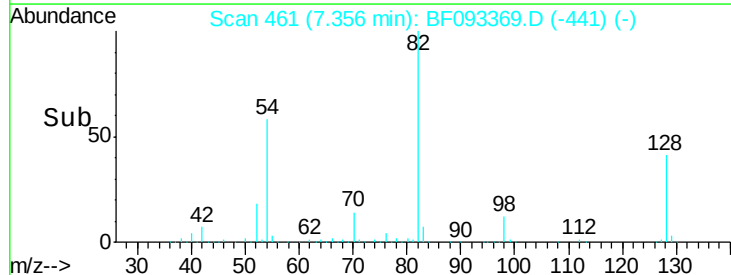


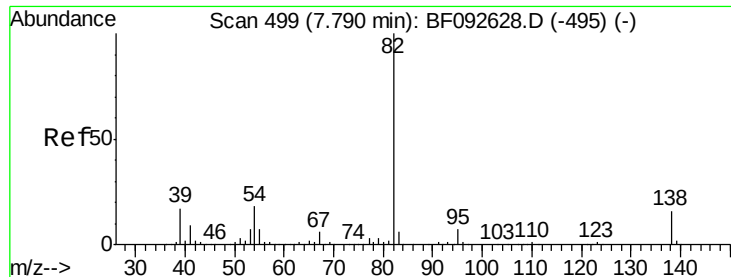
Abundance

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





#25

Isophorone

Concen: 47.38 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.33 min

Lab File: BF093369.D

Acq: 3 Mar 2017 20:06

Instrument :

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ClientSampleId :

SRI-MW-3-20170302

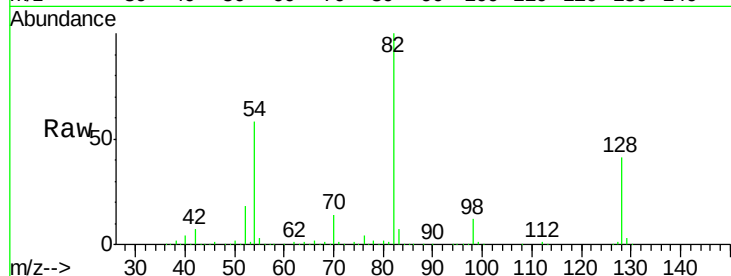
Tgt Ion: 82 Resp: 1119905

Ion Ratio Lower Upper

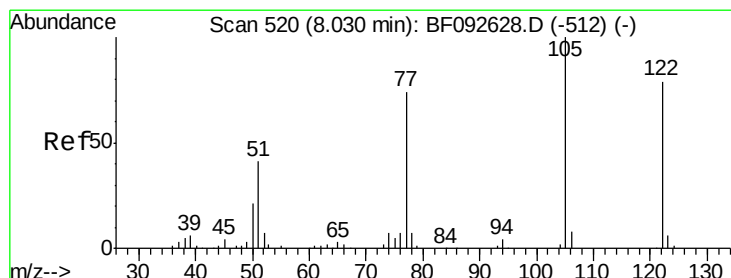
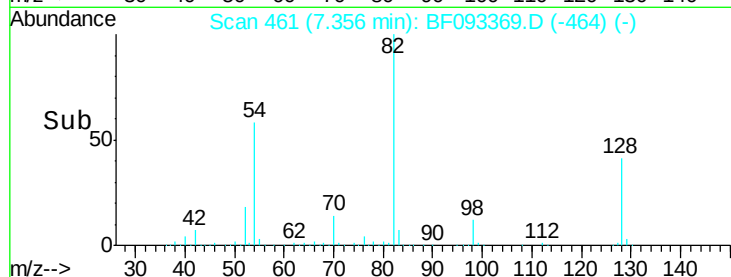
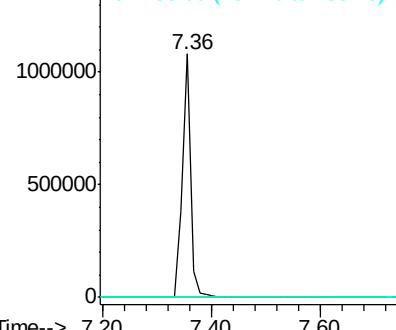
82 100

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



#32

Benzoic acid

Concen: 7.21 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF093369.D

Acq: 3 Mar 2017 20:06

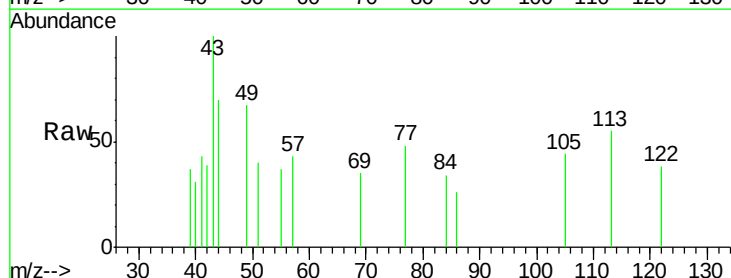
Tgt Ion: 122 Resp: 320

Ion Ratio Lower Upper

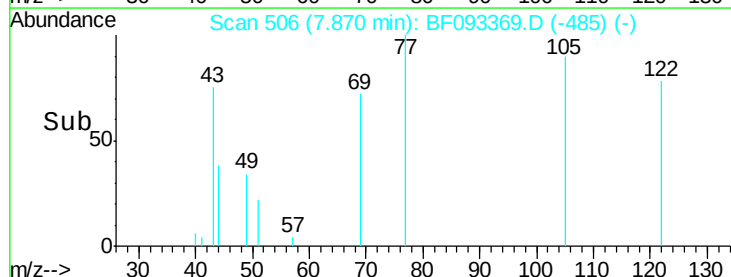
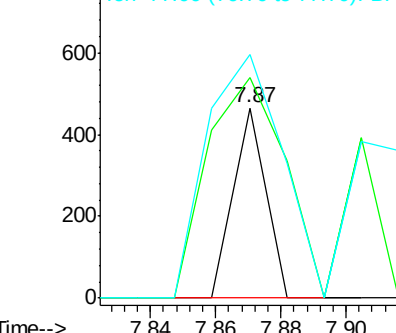
122 100

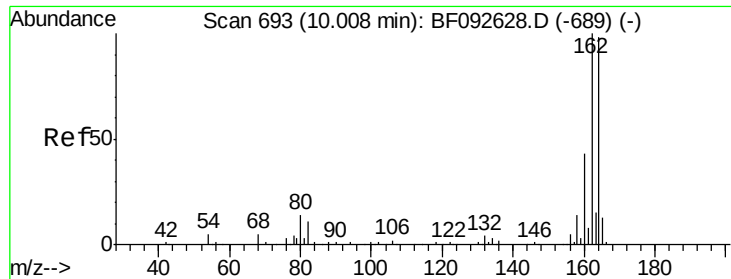
105 115.7 107.2 147.2

77 127.9 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

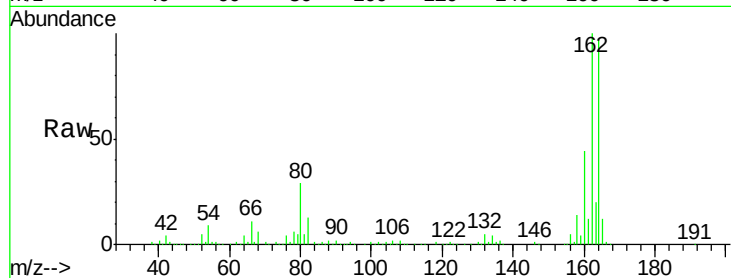




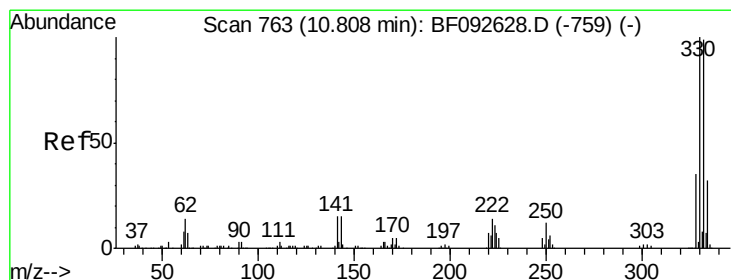
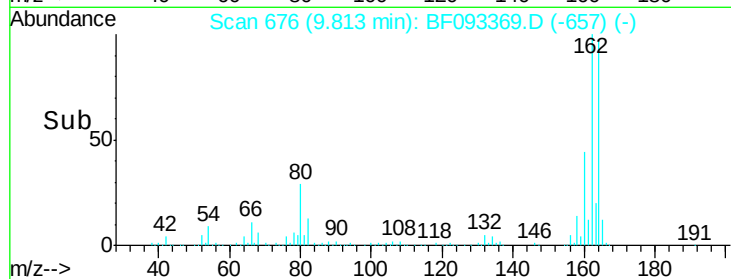
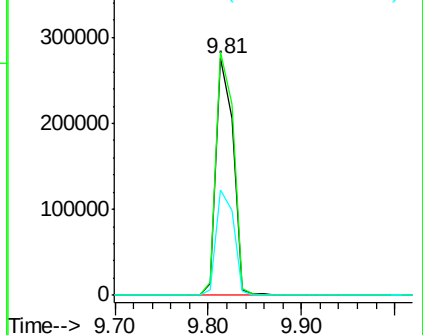
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.08 min
 Lab File: BF093369.D
 Acq: 3 Mar 2017 20:06

Instrument :
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 ClientSampleId :
 SRI-MW-3-20170302

Tgt Ion:164 Resp: 347966
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.2 120.2
 160 44.7 36.9 55.3

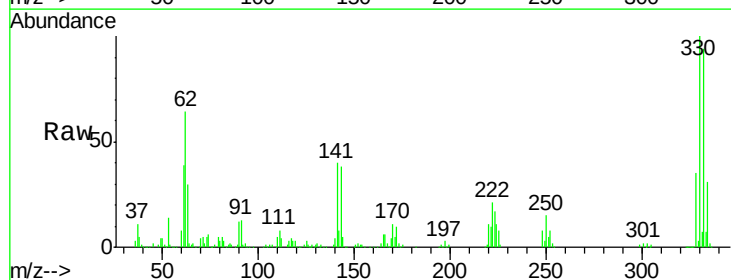


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

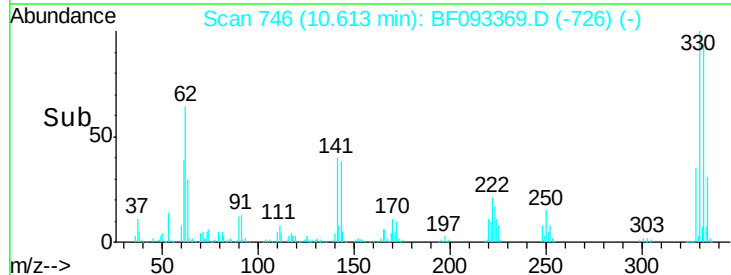
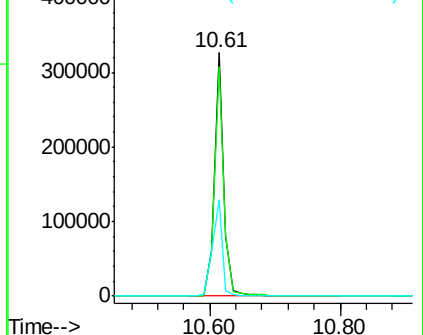


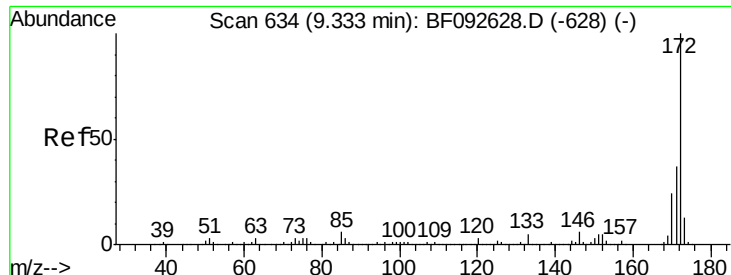
#41
 2,4,6-Tribromophenol
 Concen: 133.44 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF093369.D
 Acq: 3 Mar 2017 20:06

Tgt Ion:330 Resp: 335821
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 42.0 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

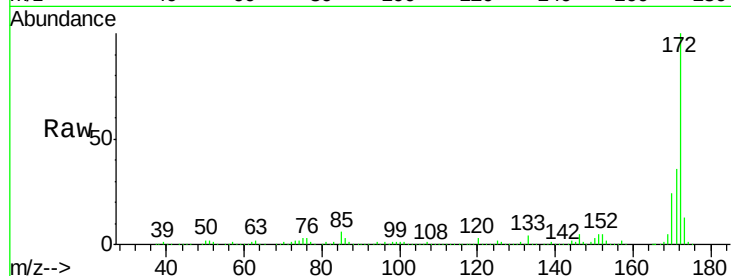




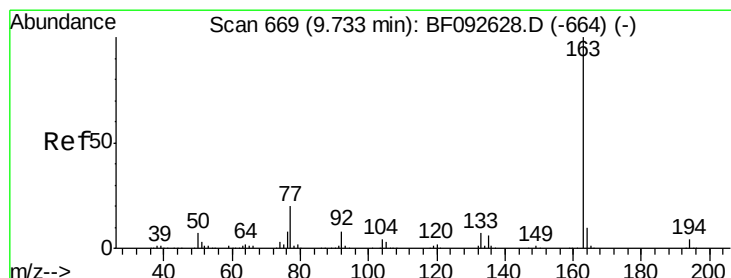
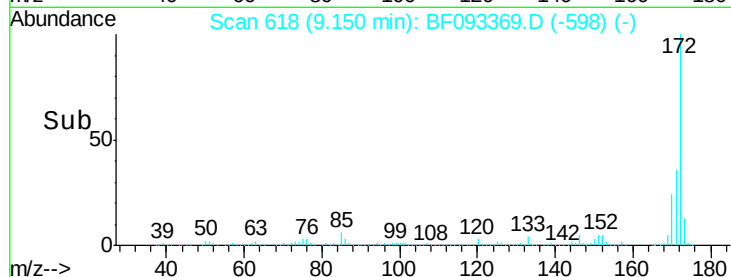
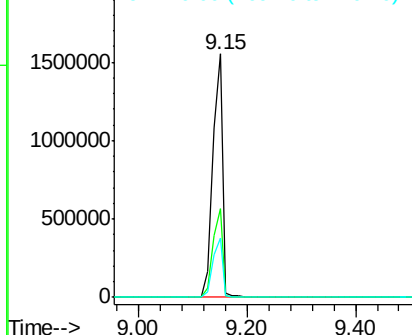
#44
2-Fluorobiphenyl
Concen: 102.59 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.07 min
Lab File: BF093369.D
Acq: 3 Mar 2017 20:06

Instrument :
BNA_F
ClientSampleId :
SRI-MW-3-20170302

Tgt Ion:172 Resp: 1970436
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.3 20.2 30.4

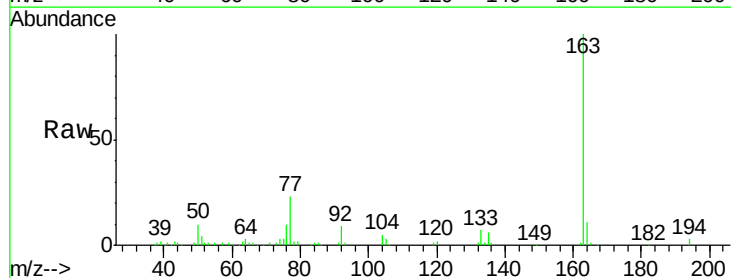


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

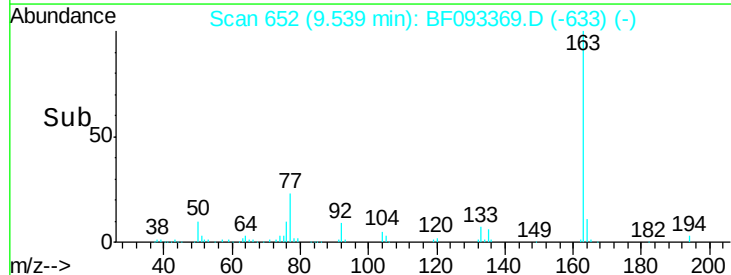
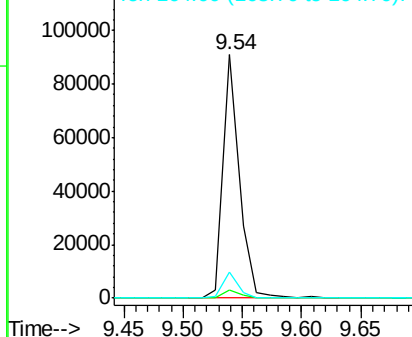


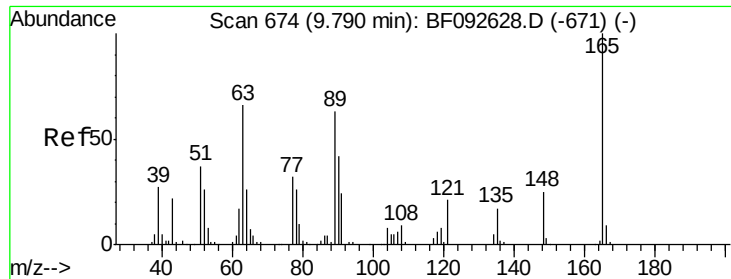
#49
Dimethylphthalate
Concen: 3.65 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.08 min
Lab File: BF093369.D
Acq: 3 Mar 2017 20:06

Tgt Ion:163 Resp: 85644
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 11.0 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

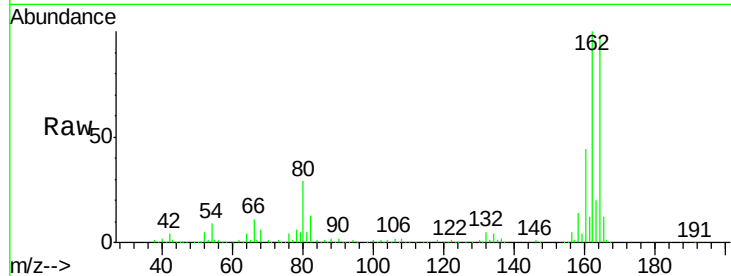




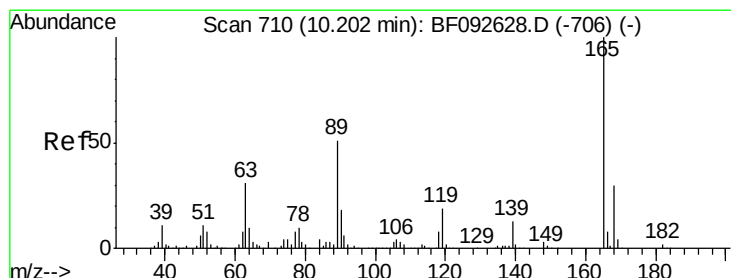
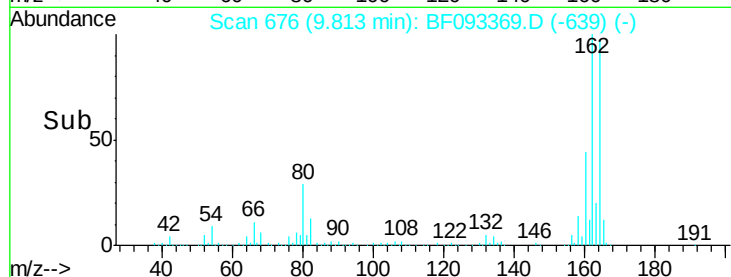
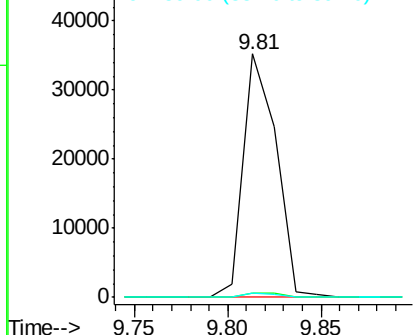
#50
 2,6-Dinitrotoluene
 Concen: 8.54 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.13 min
 Lab File: BF093369.D
 Acq: 3 Mar 2017 20:06

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-3-20170302

Tgt Ion:165 Resp: 43247
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.2 54.4#
 89 1.8 40.2 60.4#



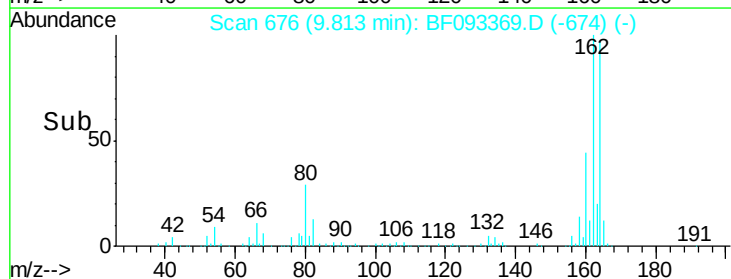
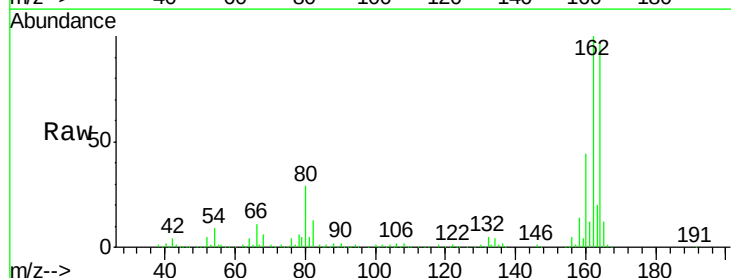
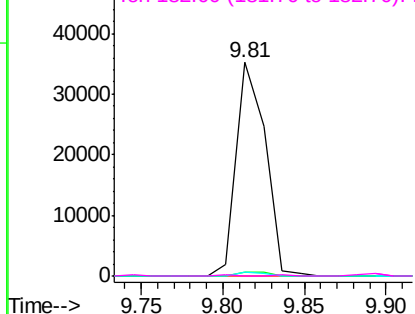
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

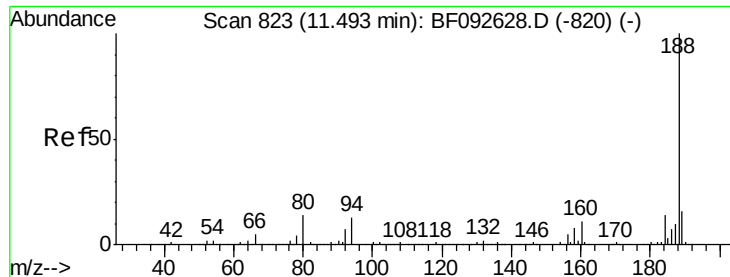


#56
 2,4-Dinitrotoluene
 Concen: 6.42 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.27 min
 Lab File: BF093369.D
 Acq: 3 Mar 2017 20:06

Tgt Ion:165 Resp: 43249
 Ion Ratio Lower Upper
 165 100
 63 1.6 40.2 60.4#
 89 1.8 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

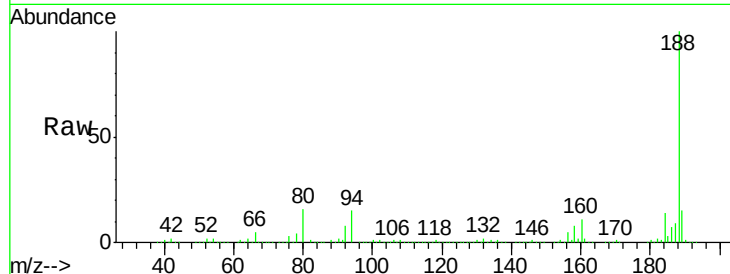




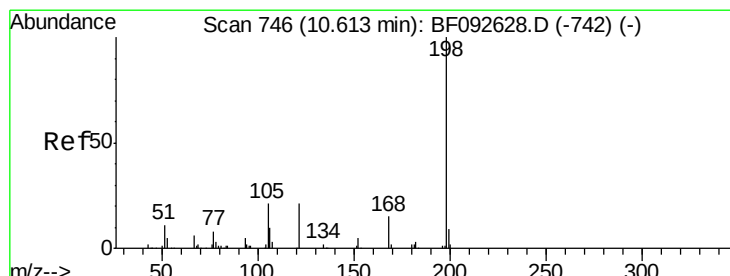
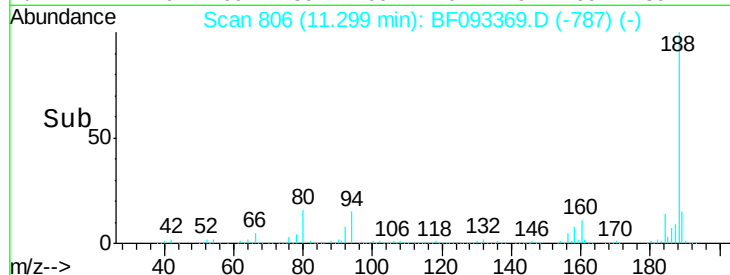
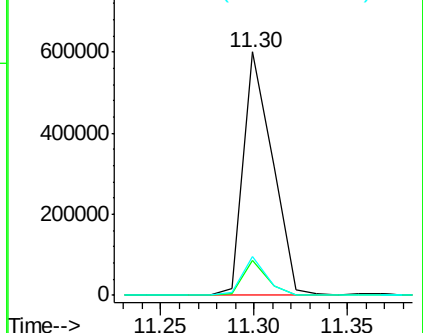
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF093369.D
Acq: 3 Mar 2017 20:06

Instrument :
BNA_F
ClientSampleId :
SRI-MW-3-20170302

Tgt Ion:188 Resp: 655216
Ion Ratio Lower Upper
188 100
94 14.5 10.0 15.0
80 15.8 11.2 16.8

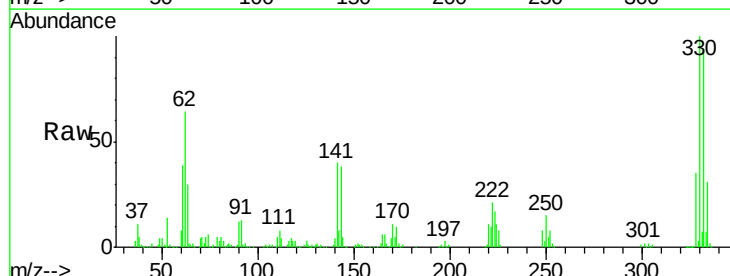


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

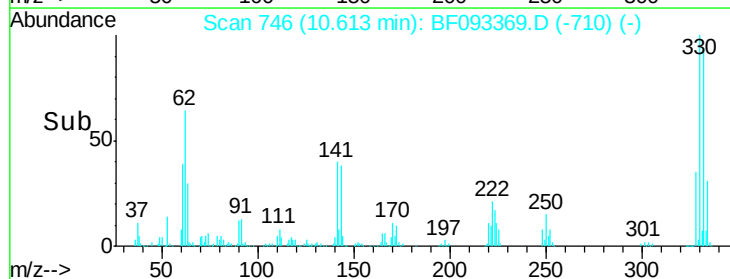
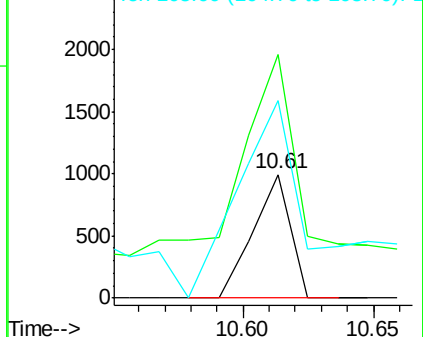


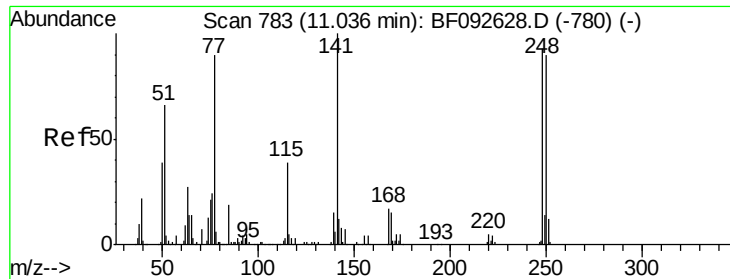
#64
4,6-Dinitro-2-methylphenol
Concen: 2.90 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.11 min
Lab File: BF093369.D
Acq: 3 Mar 2017 20:06

Tgt Ion:198 Resp: 995
Ion Ratio Lower Upper
198 100
51 197.3 6.7 46.7#
105 159.6 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

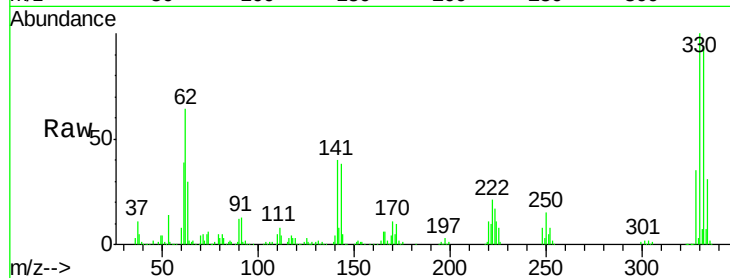




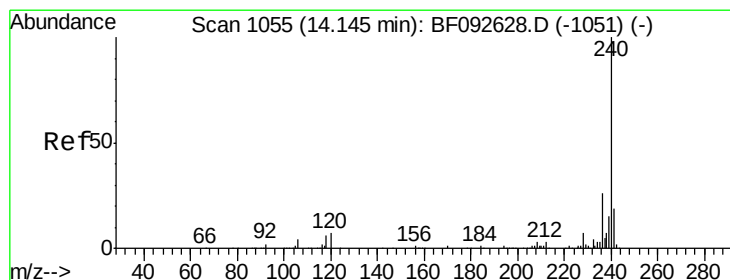
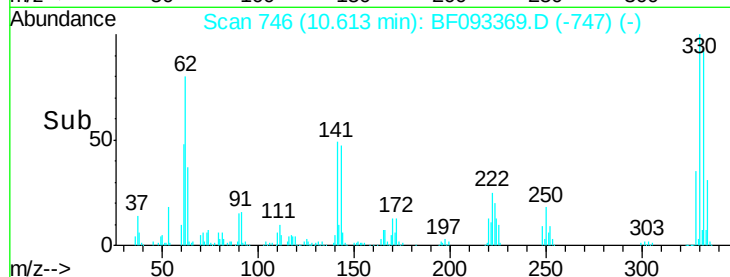
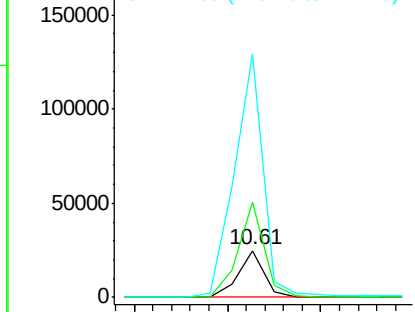
#66
 4-Bromophenyl-phenylether
 Concen: 3.54 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.31 min
 Lab File: BF093369.D
 Acq: 3 Mar 2017 20:06

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-3-20170302

Tgt Ion:248 Resp: 24260
 Ion Ratio Lower Upper
 248 100
 250 201.9 76.9 115.3#
 141 519.7 68.2 102.4#

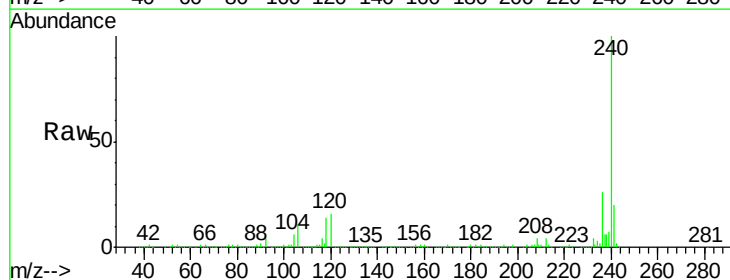


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

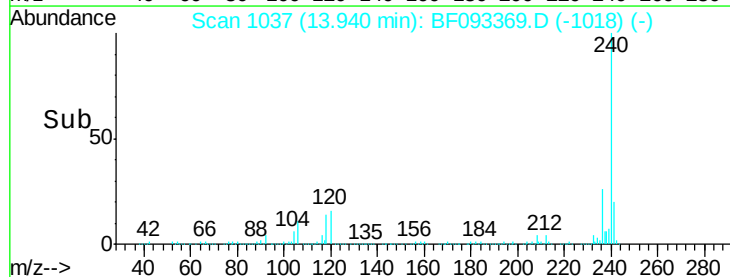
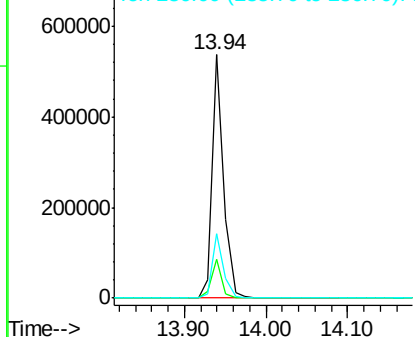


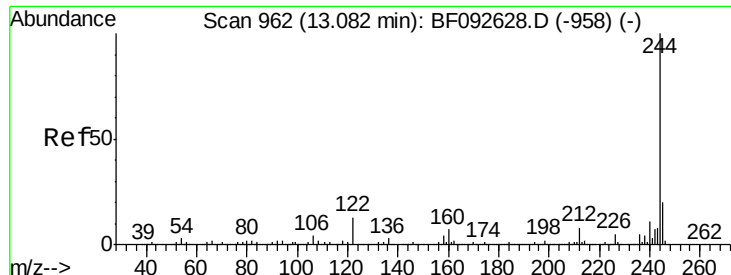
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.08 min
 Lab File: BF093369.D
 Acq: 3 Mar 2017 20:06

Tgt Ion:240 Resp: 530864
 Ion Ratio Lower Upper
 240 100
 120 15.7 12.9 19.3
 236 26.3 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: 67.43 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.08 min

Lab File: BF093369.D

Acq: 3 Mar 2017 20:06

Instrument :

BNA_F

ClientSampleId :

SRI-MW-3-20170302

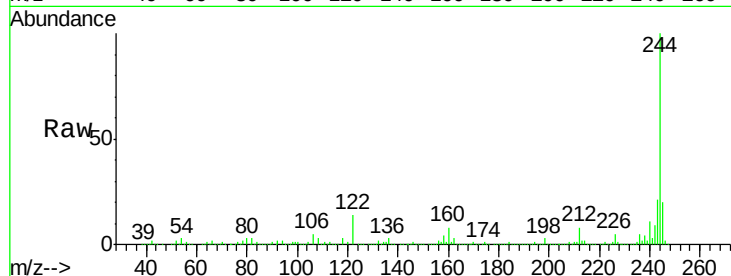
Tgt Ion:244 Resp: 1523547

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

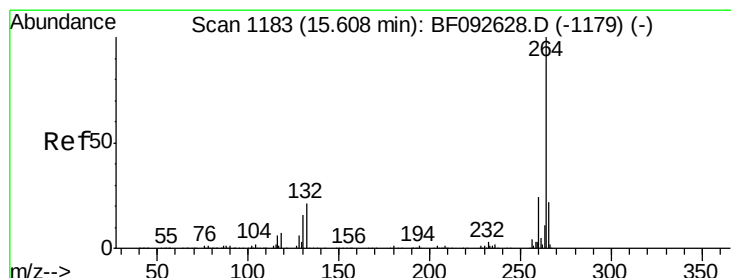
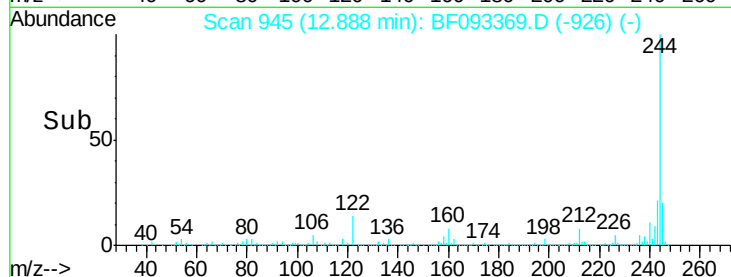
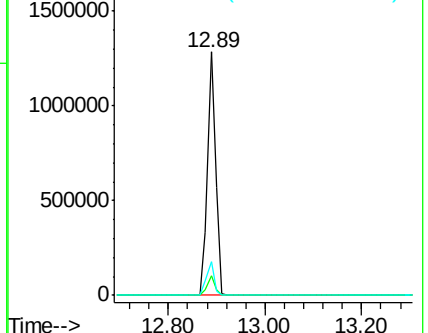
122 14.0 11.4 17.2



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: 15.36 min Scan# 1161

Delta R.T. -0.09 min

Lab File: BF093369.D

Acq: 3 Mar 2017 20:06

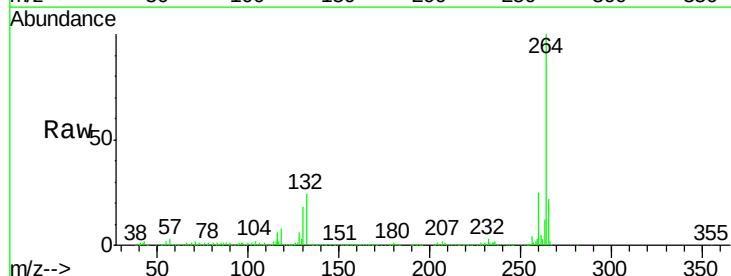
Tgt Ion:264 Resp: 380559

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 21.5 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

