

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093370.D
 Acq On : 3 Mar 2017 20:34
 Operator : SJ/MA
 Sample : I2086-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-6-20170302

Quant Time: Mar 03 22:13:37 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

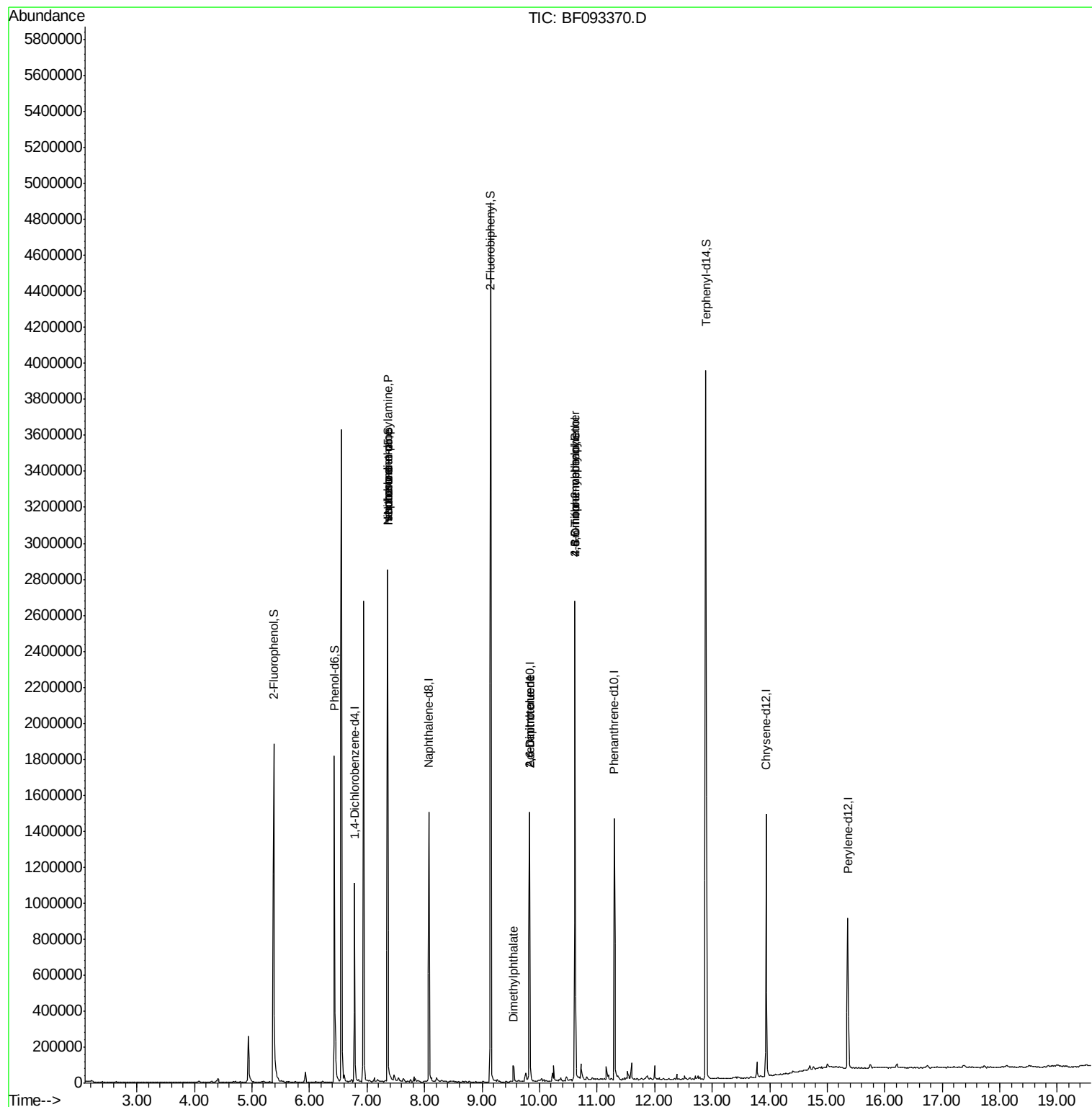
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	180986	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	760293	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	350073	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	615317	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	524143	20.00	ng	-0.08
86) Perylene-d12	15.36	264	358823	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	715681	67.84	ng	-0.07
7) Phenol-d6	6.43	99	642987	47.37	ng	-0.06
23) Nitrobenzene-d5	7.36	82	1052715	77.11	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	324313	128.09	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1736825	89.88	ng	-0.07
78) Terphenyl-d14	12.89	244	1503014	67.38	ng	-0.08
Target Compounds						
18) Hexachloroethane	7.36	117	18108	3.84	ng	# 5
19) n-Nitroso-di-n-propylamine	7.36	70	140206	16.23	ng	# 83
25) Isophorone	7.36	82	881280	34.64	ng	# 65
49) Dimethylphthalate	9.55	163	55958	2.37	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	44089	8.66	ng	# 31
56) 2,4-Dinitrotoluene	9.82	165	44091	6.50	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.61	198	804	2.87	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	23979	3.73	ng	# 1

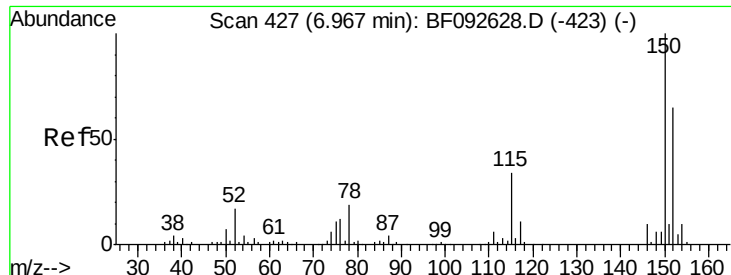
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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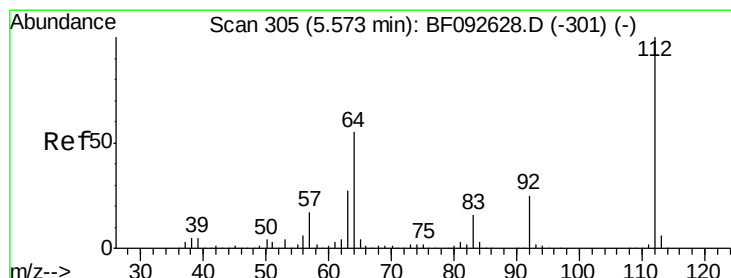
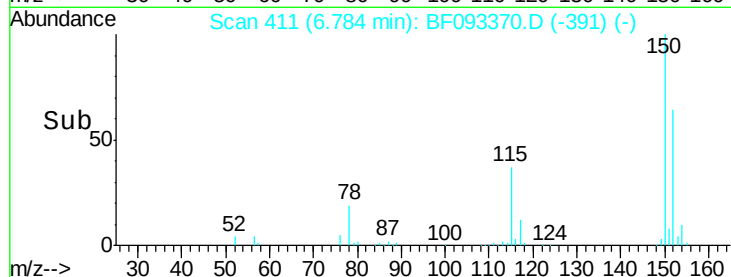
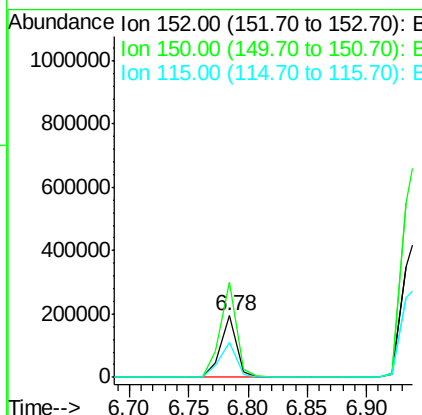
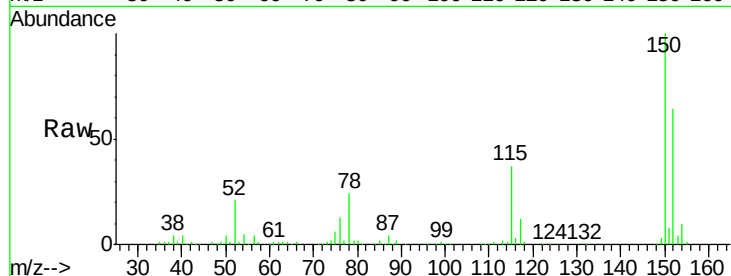




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF093370.D
 Acq: 3 Mar 2017 20:34

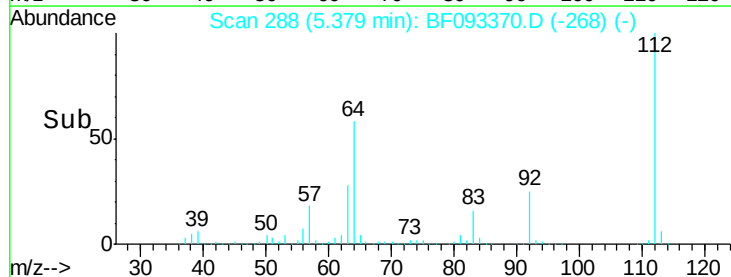
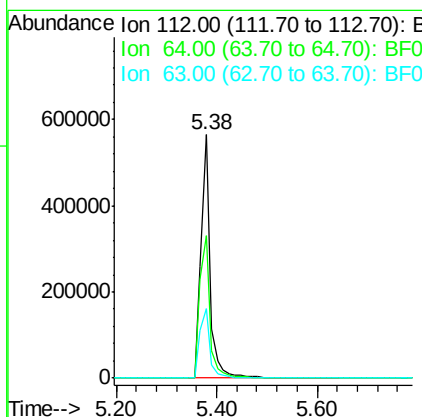
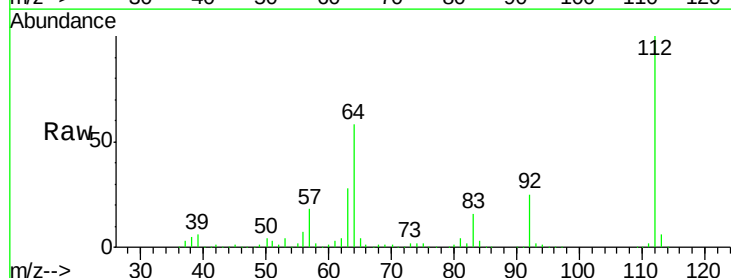
Instrument :
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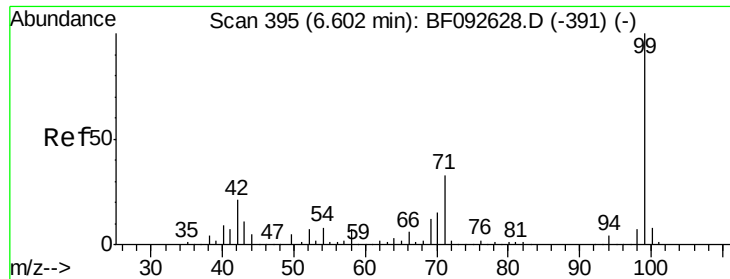
Tgt Ion:152 Resp: 180986
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.9 187.3
 115 57.7 46.0 69.0



#5
 2-Fluorophenol
 Concen: 67.84 ng
 RT: 5.38 min Scan# 288
 Delta R.T. -0.07 min
 Lab File: BF093370.D
 Acq: 3 Mar 2017 20:34

Tgt Ion:112 Resp: 715681
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.1 69.1
 63 28.5 23.8 35.6





#7

Phenol-d6

Concen: 47.37 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF093370.D

Acq: 3 Mar 2017 20:34

Instrument :

BNA_F

ClientSampleId :

SRI-MW-6-20170302

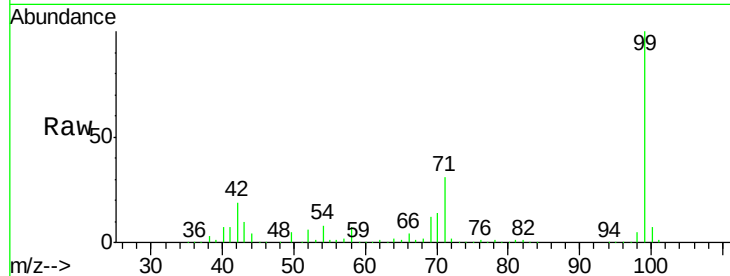
Tgt Ion: 99 Resp: 642987

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

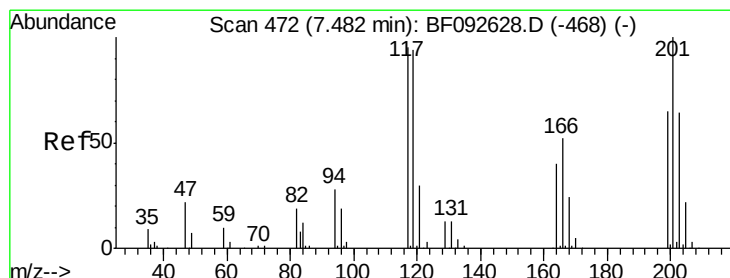
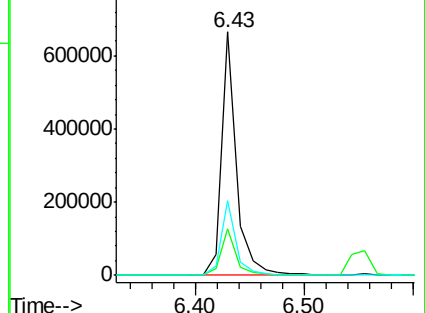
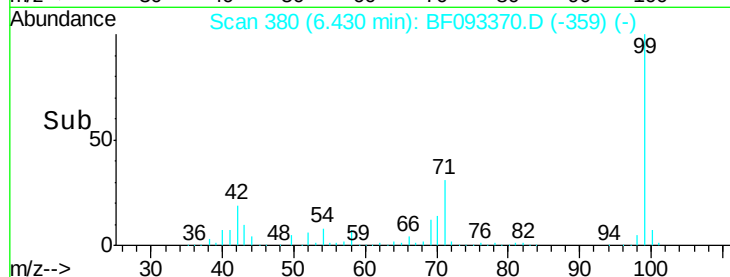
71 30.7 27.5 41.3



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



#18

Hexachloroethane

Concen: 3.84 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093370.D

Acq: 3 Mar 2017 20:34

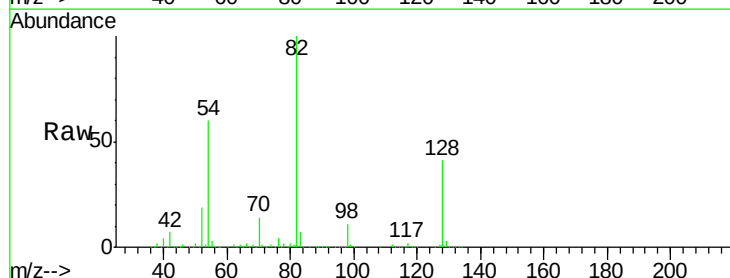
Tgt Ion: 117 Resp: 18108

Ion Ratio Lower Upper

117 100

119 9.0 78.1 117.1#

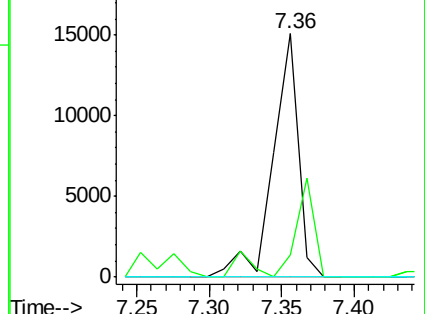
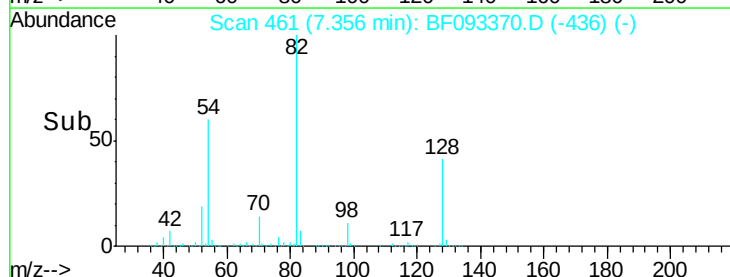
201 0.0 78.6 117.8#

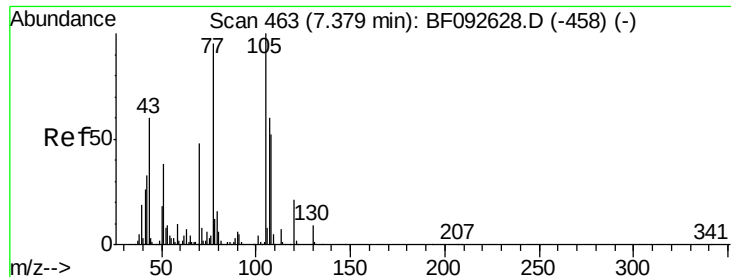


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

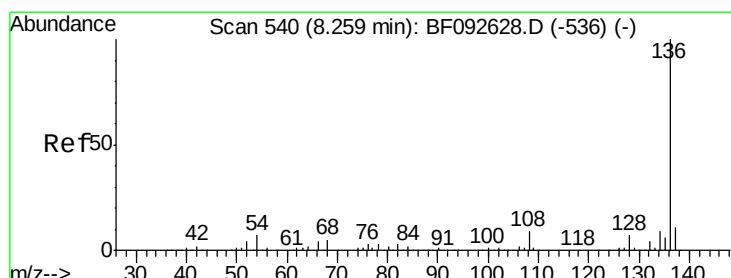
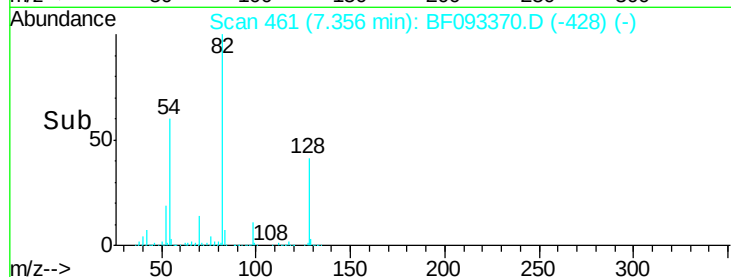
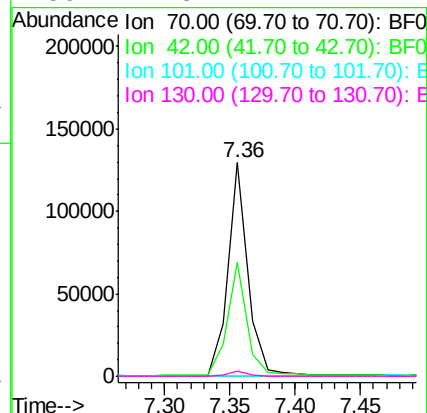
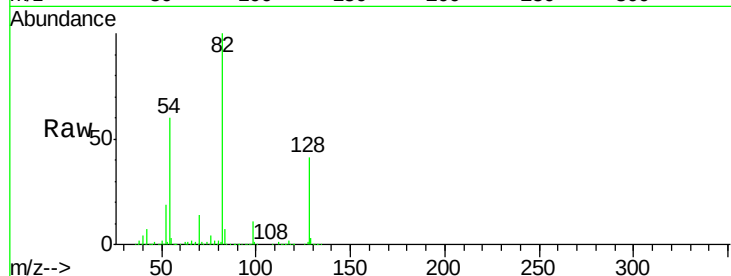




#19
n-Nitroso-di-n-propylamine
Concen: 16.23 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.08 min
Lab File: BF093370.D
Acq: 3 Mar 2017 20:34

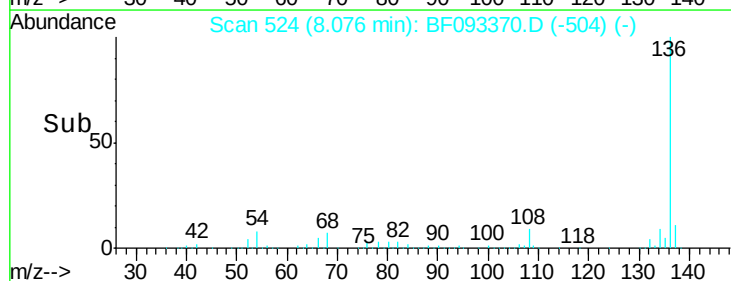
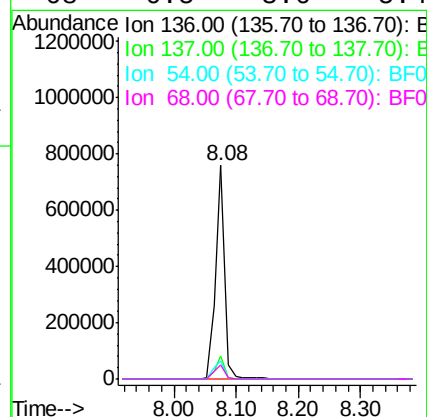
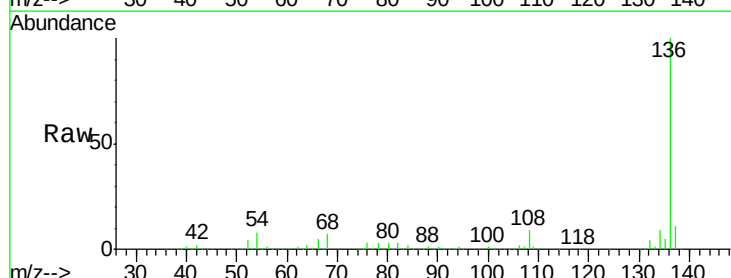
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SRI-MW-6-20170302

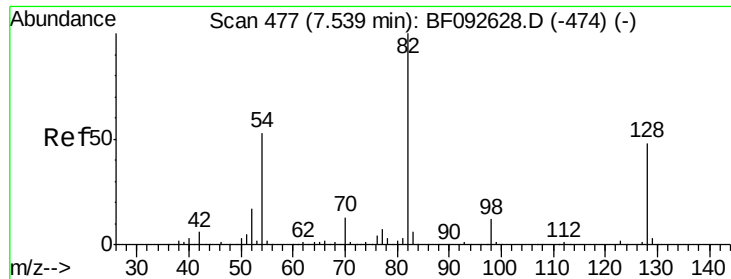
Tgt Ion: 70 Resp: 140206
Ion Ratio Lower Upper
70 100
42 53.2 49.4 74.0
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093370.D
Acq: 3 Mar 2017 20:34

Tgt Ion: 136 Resp: 760293
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.5 4.5 6.7#
68 6.5 3.6 5.4#

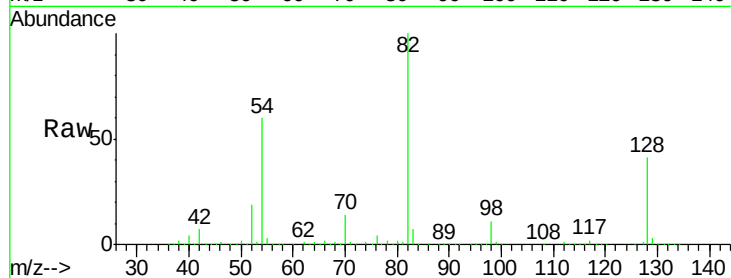




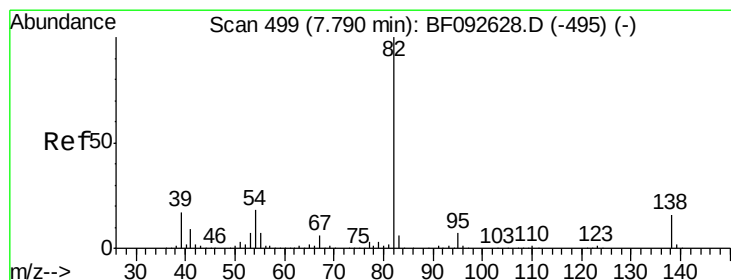
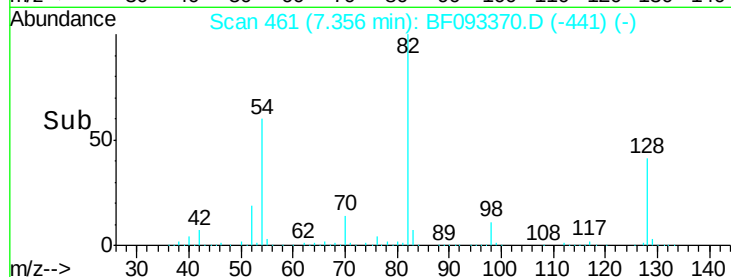
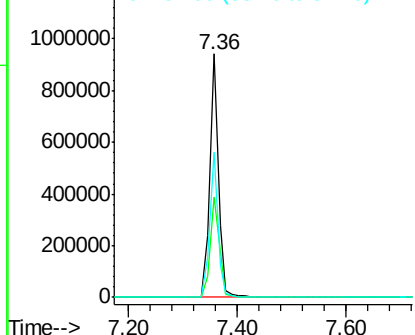
#23
 Nitrobenzene-d5
 Concen: 77.11 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.07 min
 Lab File: BF093370.D
 Acq: 3 Mar 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-6-20170302

Tgt Ion: 82 Resp: 1052715
 Ion Ratio Lower Upper
 82 100
 128 41.1 34.6 52.0
 54 59.6 39.5 59.3#

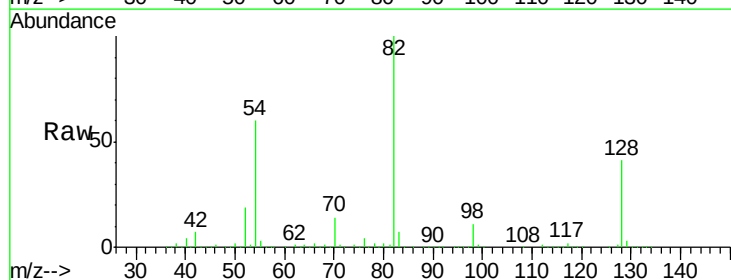


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

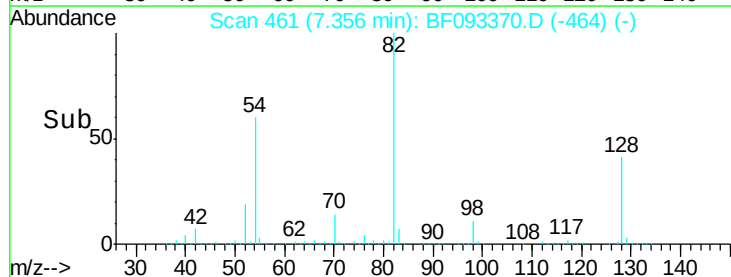
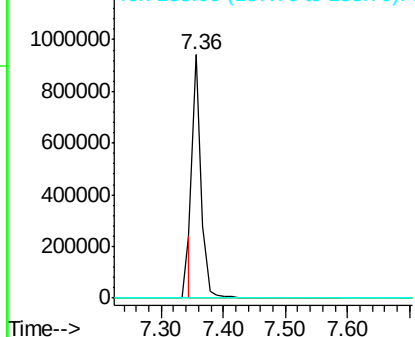


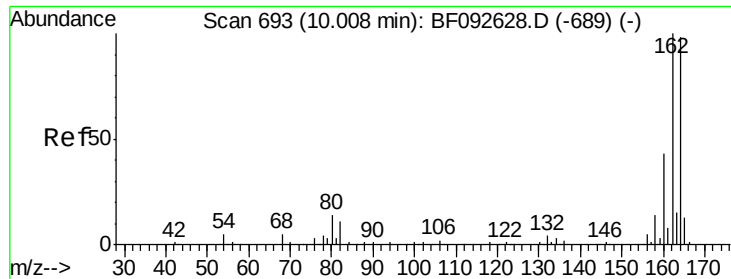
#25
 Isophorone
 Concen: 34.64 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.33 min
 Lab File: BF093370.D
 Acq: 3 Mar 2017 20:34

Tgt Ion: 82 Resp: 881280
 Ion Ratio Lower Upper
 82 100
 95 0.1 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

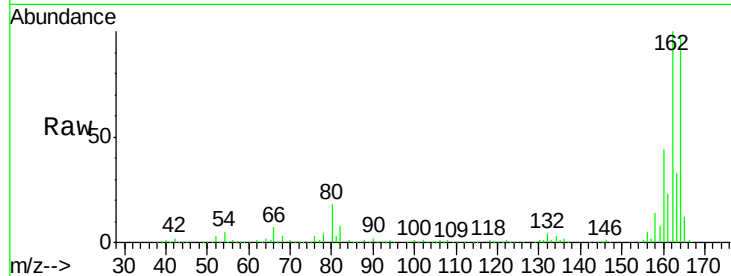




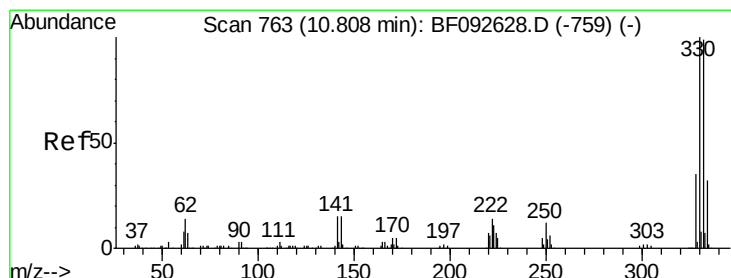
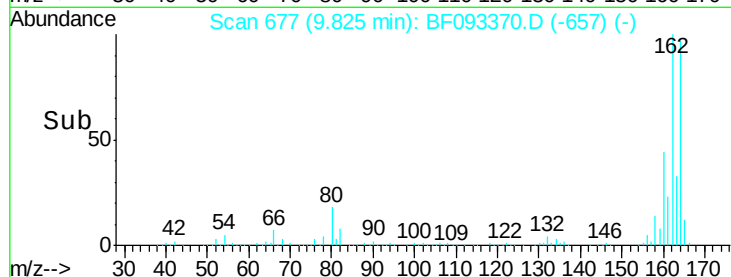
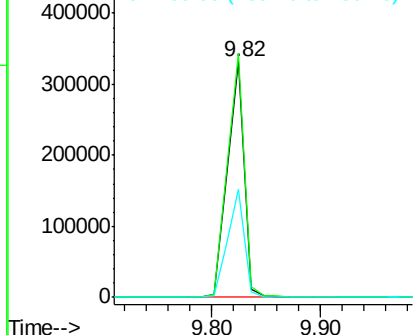
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF093370.D
 Acq: 3 Mar 2017 20:34

Instrument :
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 ClientSampleId :
 SRI-MW-6-20170302

Tgt Ion:164 Resp: 350073
 Ion Ratio Lower Upper
 164 100
 162 103.4 80.2 120.2
 160 45.8 36.9 55.3

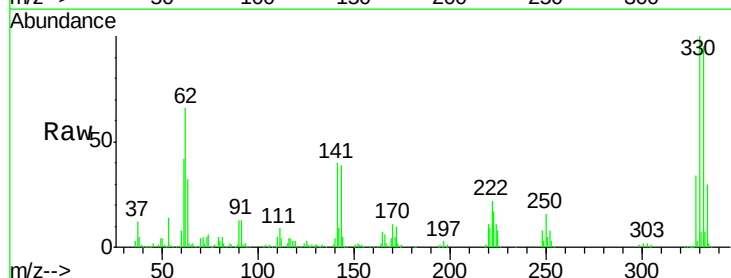


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

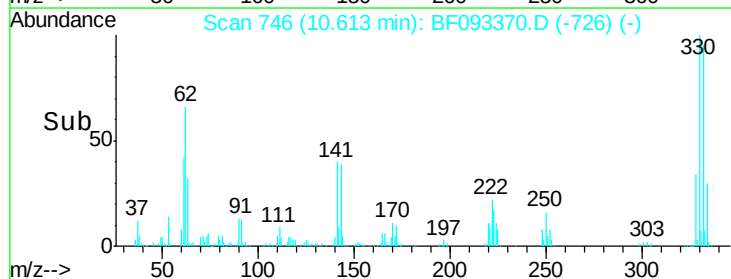
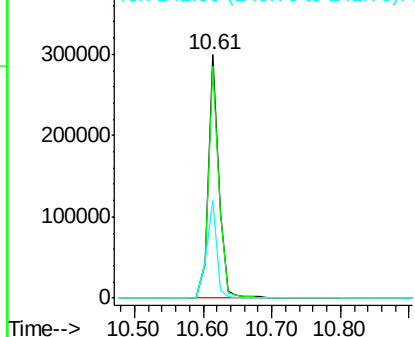


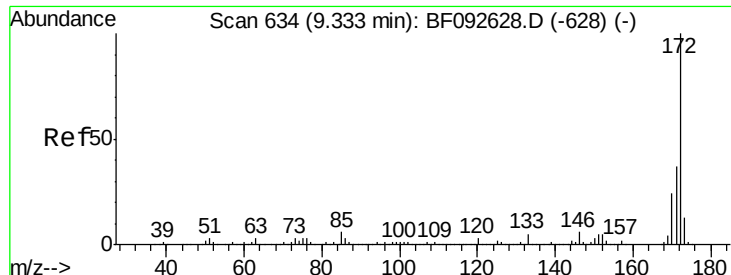
#41
 2,4,6-Tribromophenol
 Concen: 128.09 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF093370.D
 Acq: 3 Mar 2017 20:34

Tgt Ion:330 Resp: 324313
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 38.5 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

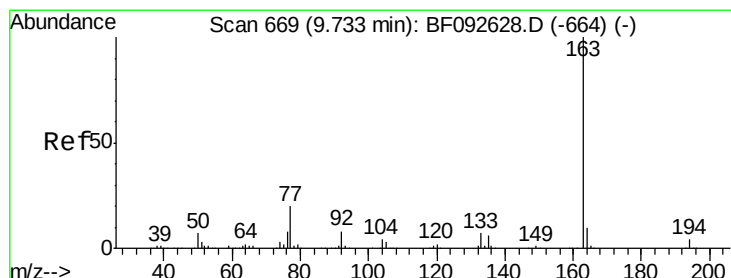
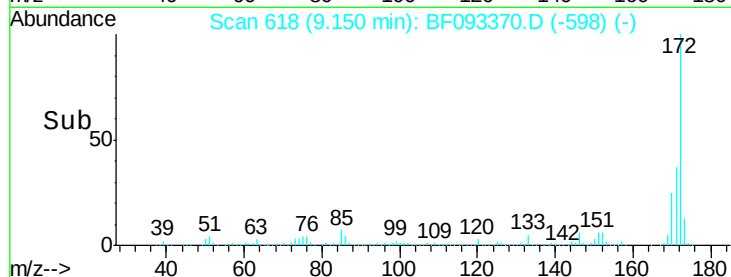
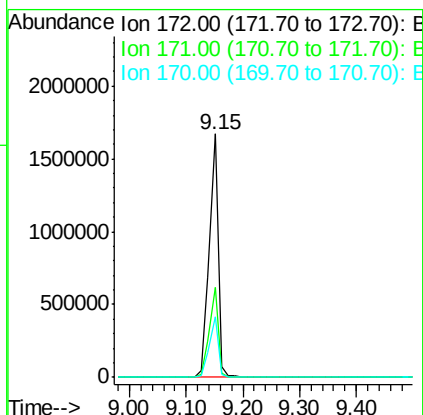
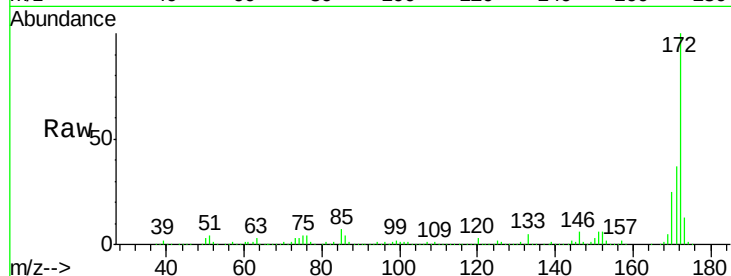




#44
 2-Fluorobiphenyl
 Concen: 89.88 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF093370.D
 Acq: 3 Mar 2017 20:34

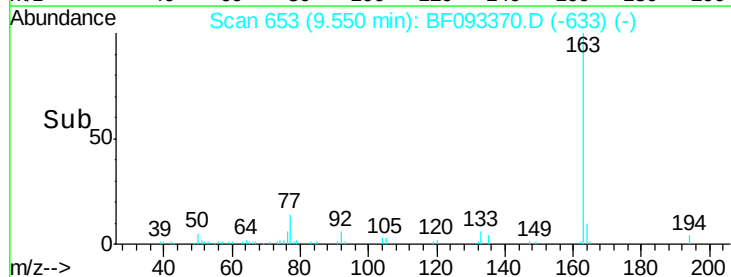
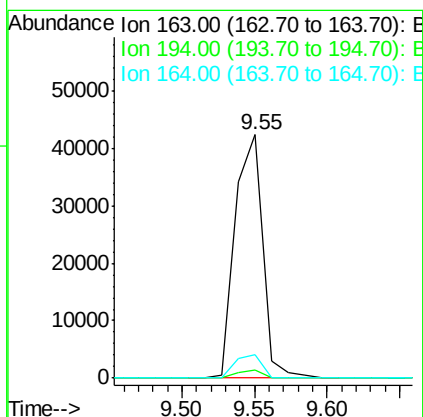
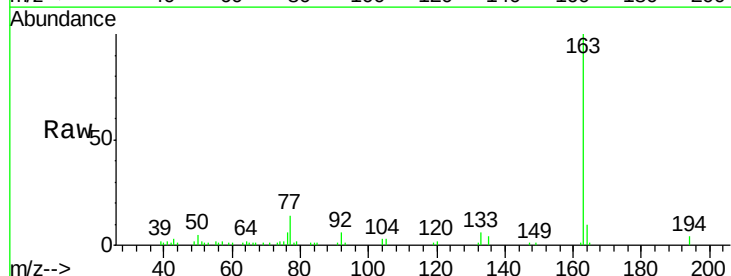
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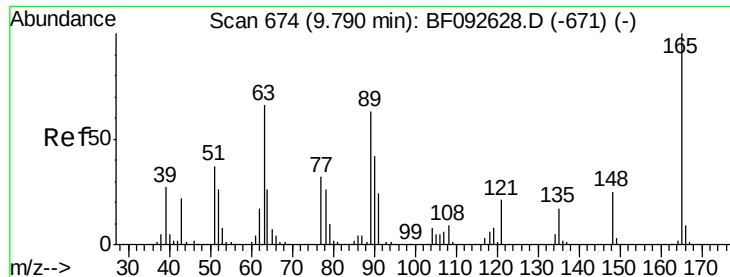
Tgt Ion:172 Resp: 1736825
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 25.0 20.2 30.4



#49
 Dimethylphthalate
 Concen: 2.37 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.07 min
 Lab File: BF093370.D
 Acq: 3 Mar 2017 20:34

Tgt Ion:163 Resp: 55958
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 9.6 8.0 12.0

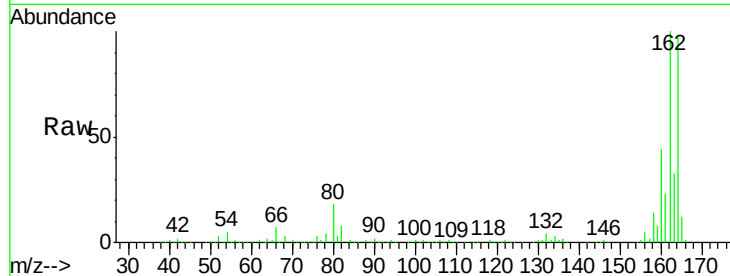




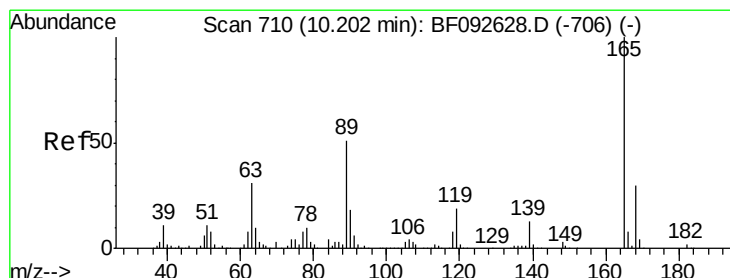
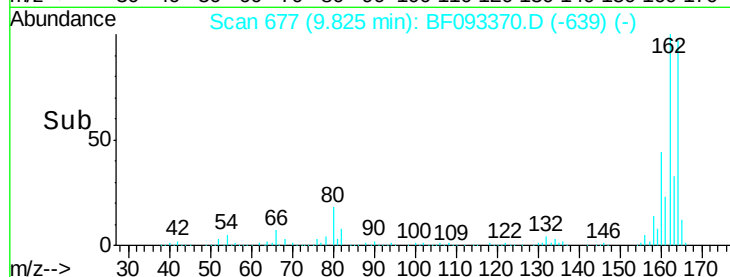
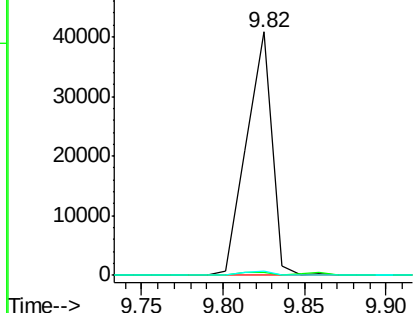
#50
 2,6-Dinitrotoluene
 Concen: 8.66 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.14 min
 Lab File: BF093370.D
 Acq: 3 Mar 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-6-20170302

Tgt Ion:165 Resp: 44089
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.2 54.4#
 89 1.7 40.2 60.4#

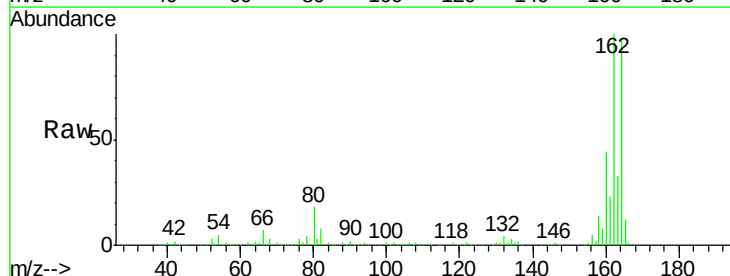


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

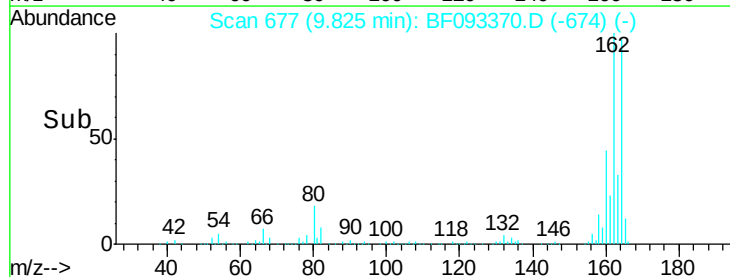
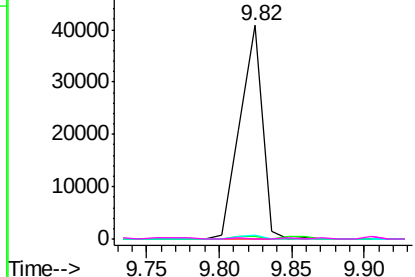


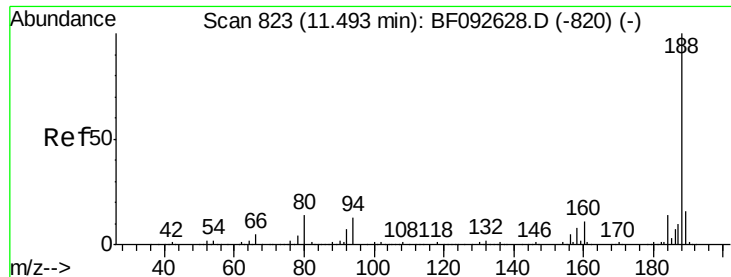
#56
 2,4-Dinitrotoluene
 Concen: 6.50 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.26 min
 Lab File: BF093370.D
 Acq: 3 Mar 2017 20:34

Tgt Ion:165 Resp: 44091
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.2 60.4#
 89 1.7 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

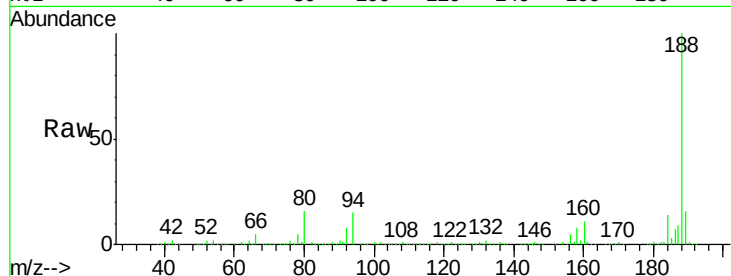




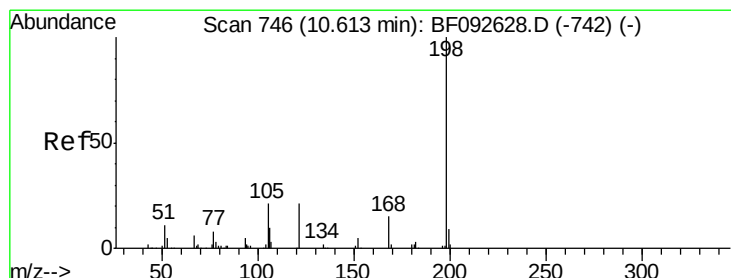
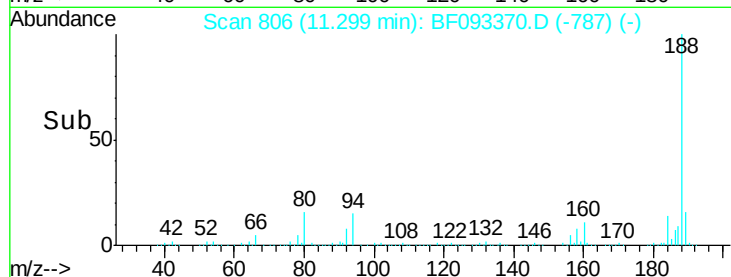
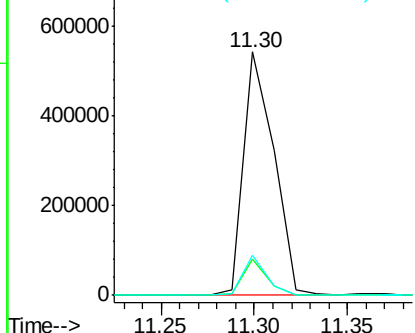
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF093370.D
Acq: 3 Mar 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SRI-MW-6-20170302

Tgt Ion:188 Resp: 615317
Ion Ratio Lower Upper
188 100
94 14.7 10.0 15.0
80 16.3 11.2 16.8

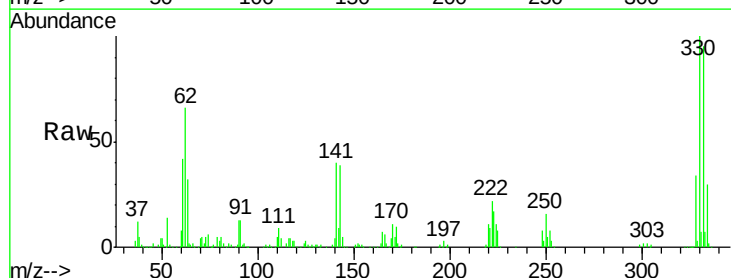


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

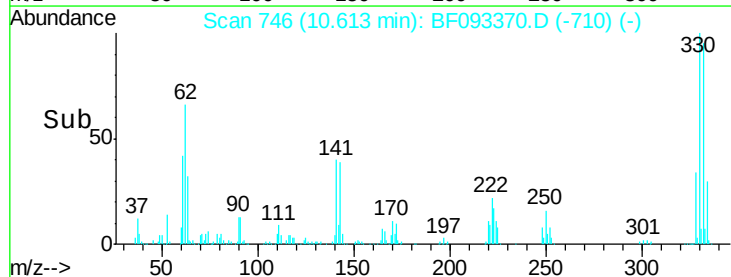
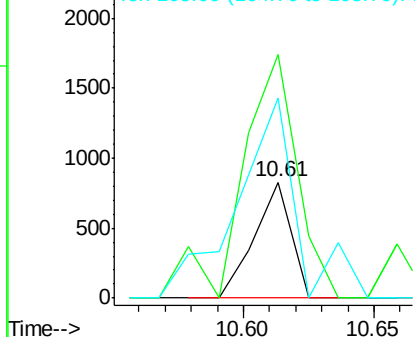


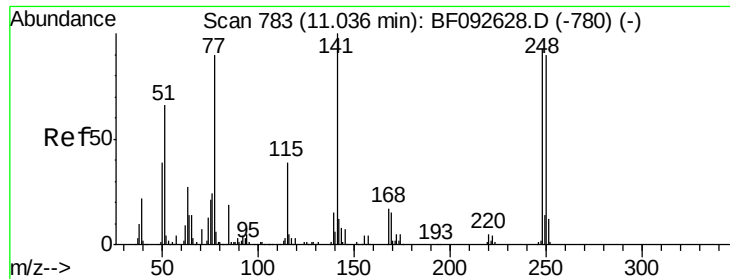
#64
4,6-Dinitro-2-methylphenol
Concen: 2.87 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.11 min
Lab File: BF093370.D
Acq: 3 Mar 2017 20:34

Tgt Ion:198 Resp: 804
Ion Ratio Lower Upper
198 100
51 209.8 6.7 46.7#
105 172.4 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

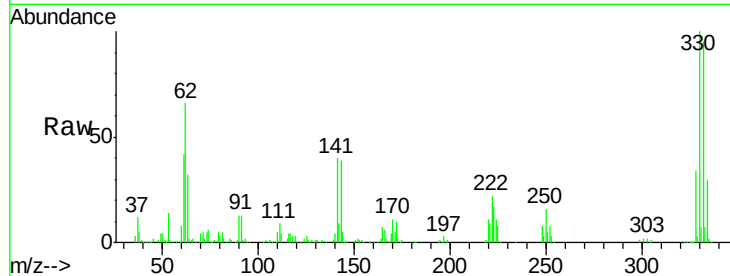




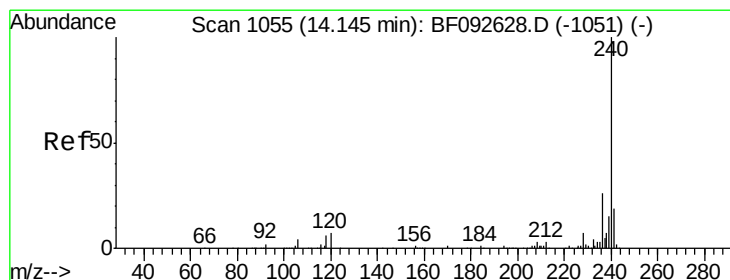
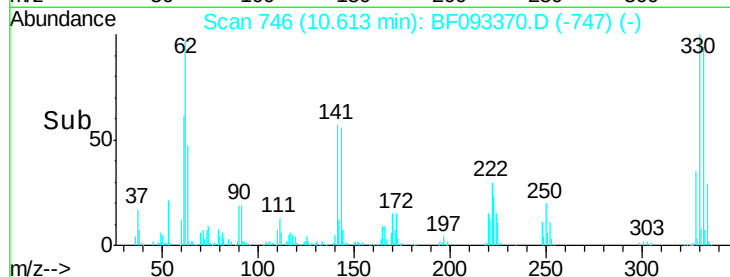
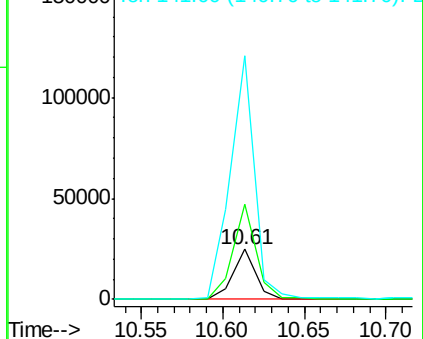
#66
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.31 min
Lab File: BF093370.D
Acq: 3 Mar 2017 20:34

Instrument :
BNA_F
ClientSampleId :
SRI-MW-6-20170302

Tgt Ion:248 Resp: 23979
Ion Ratio Lower Upper
248 100
250 190.4 76.9 115.3#
141 488.2 68.2 102.4#

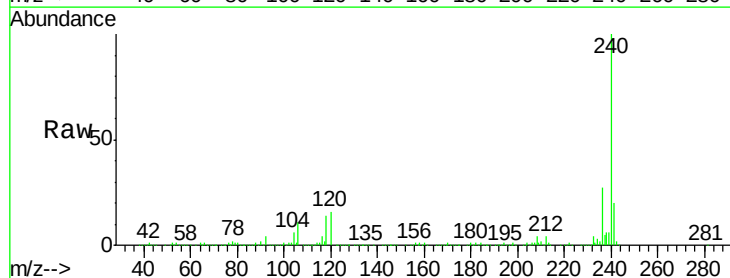


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

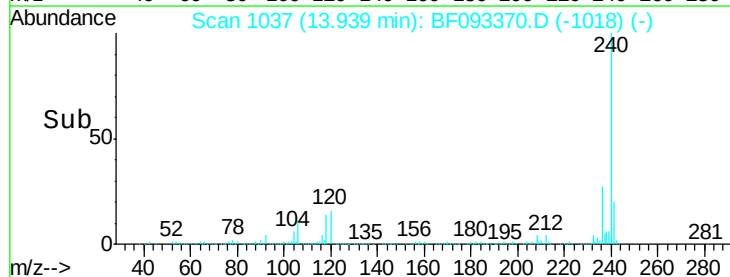
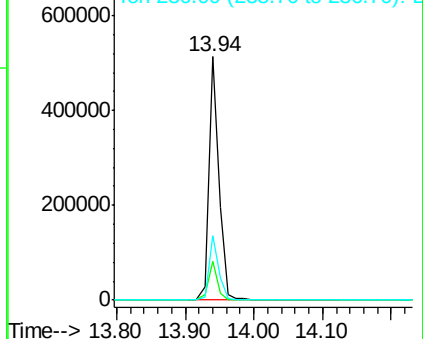


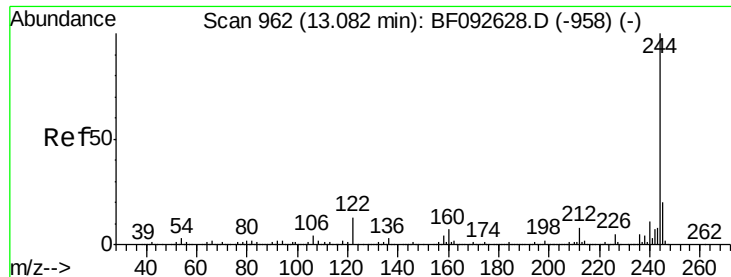
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF093370.D
Acq: 3 Mar 2017 20:34

Tgt Ion:240 Resp: 524143
Ion Ratio Lower Upper
240 100
120 15.9 12.9 19.3
236 26.6 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: 67.38 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.08 min

Lab File: BF093370.D

Acq: 3 Mar 2017 20:34

Instrument :

BNA_F

ClientSampleId :

SRI-MW-6-20170302

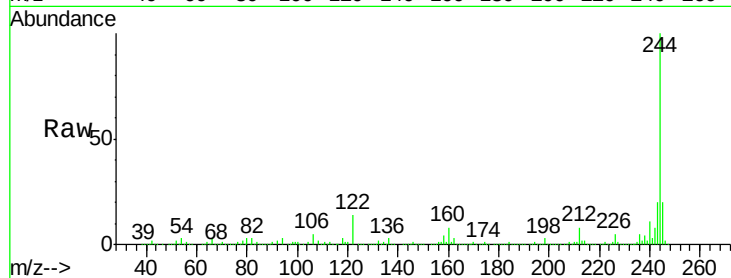
Tgt Ion:244 Resp: 1503014

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

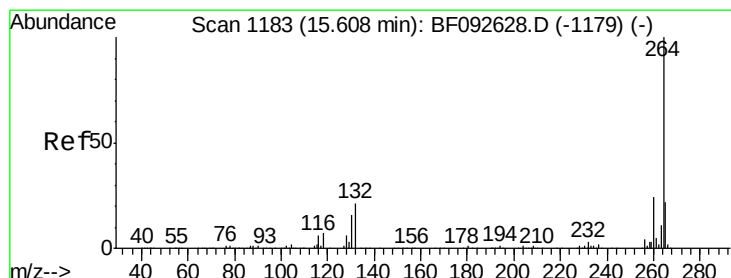
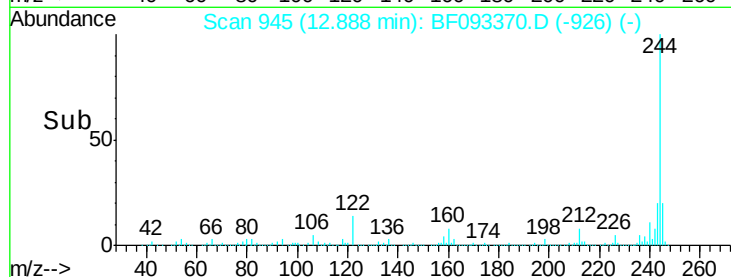
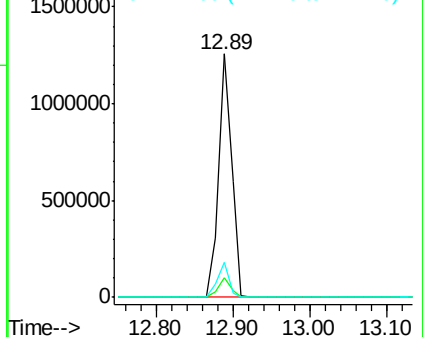
122 14.4 11.4 17.2



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: BF093370.D

Acq: 3 Mar 2017 20:34

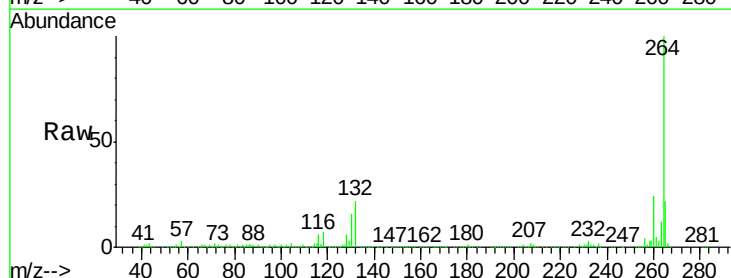
Tgt Ion:264 Resp: 358823

Ion Ratio Lower Upper

264 100

260 24.1 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

