

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093374.D
 Acq On : 3 Mar 2017 22:24
 Operator : SJ/MA
 Sample : I2086-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-5-20170302

Quant Time: Mar 03 22:51:23 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

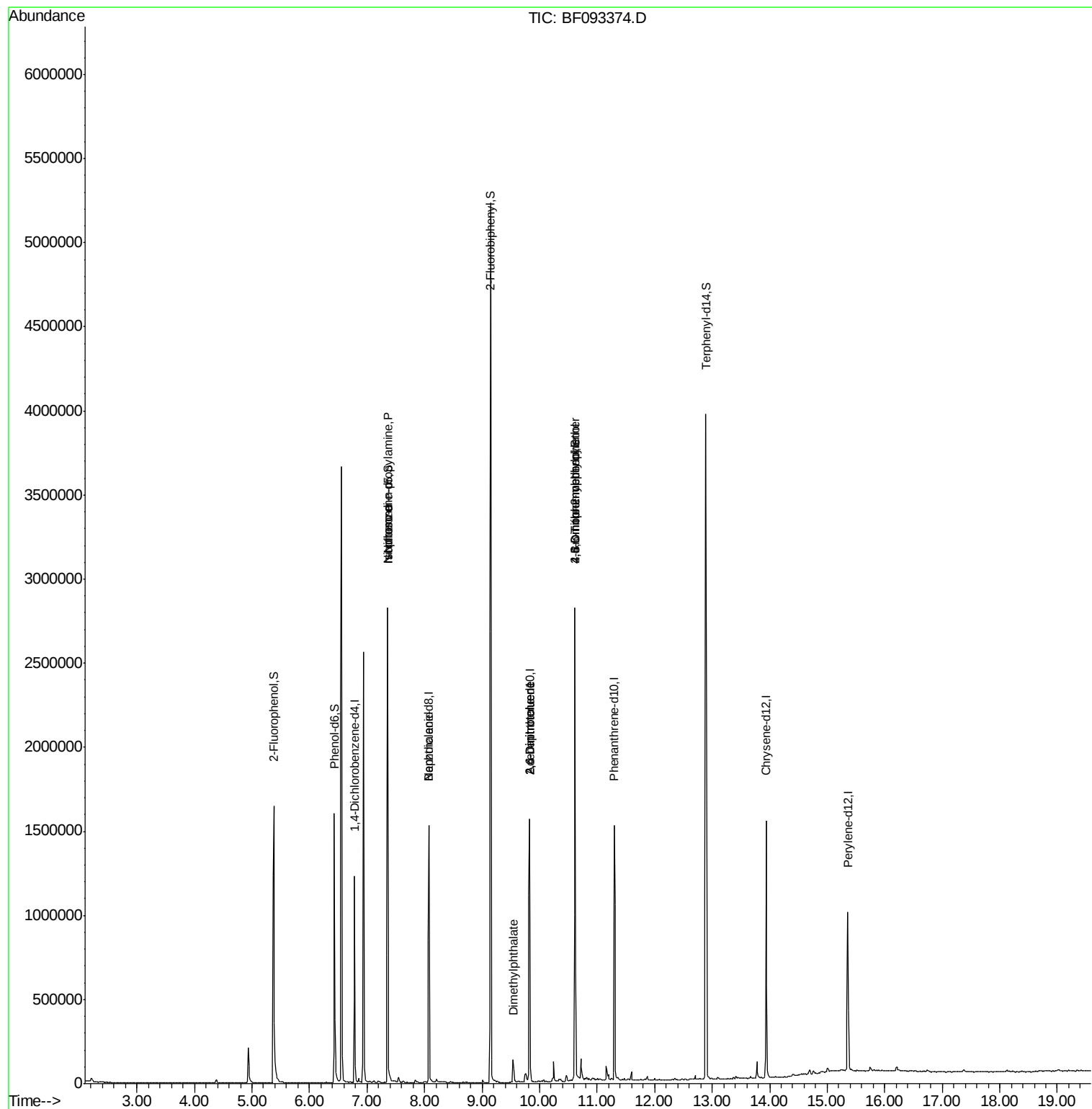
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	210589	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	858325	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	407129	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	721451	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	567412	20.00	ng	-0.08
86) Perylene-d12	15.36	264	407027	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	683824	55.71	ng	-0.07
7) Phenol-d6	6.43	99	591467	37.45	ng	-0.06
23) Nitrobenzene-d5	7.36	82	1064597	69.07	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	366114	124.33	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1935488	86.13	ng	-0.07
78) Terphenyl-d14	12.89	244	1692068	70.07	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	141628	14.09	ng	# 82
25) Isophorone	7.36	82	878312	30.58	ng	# 65
32) Benzoic acid	8.08	122	225	7.19	ng	# 1
49) Dimethylphthalate	9.54	163	68708	2.51	ng	# 98
50) 2,6-Dinitrotoluene	9.82	165	53092	8.96	ng	# 32
56) 2,4-Dinitrotoluene	9.82	165	53095	6.73	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.61	198	940	2.87	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	26122	3.47	ng	# 1

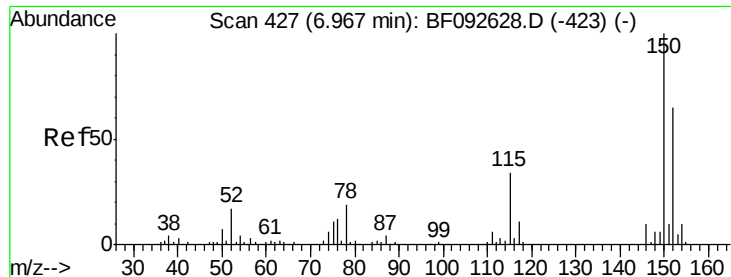
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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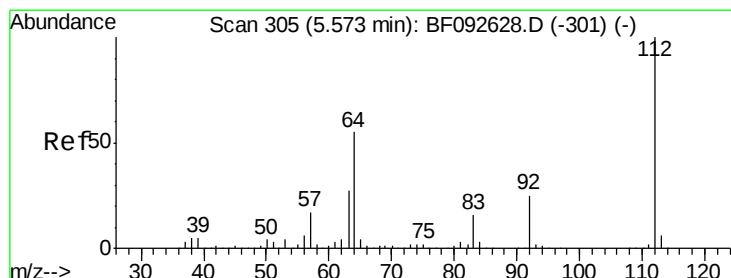
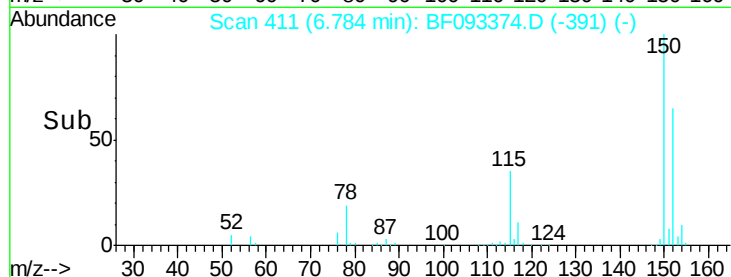
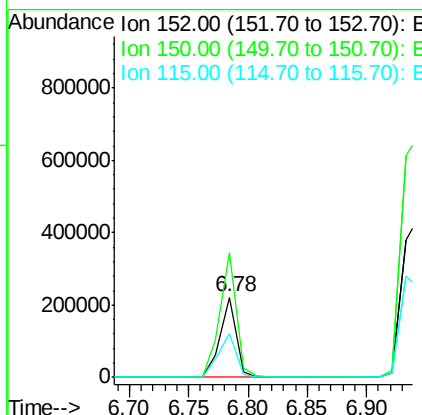
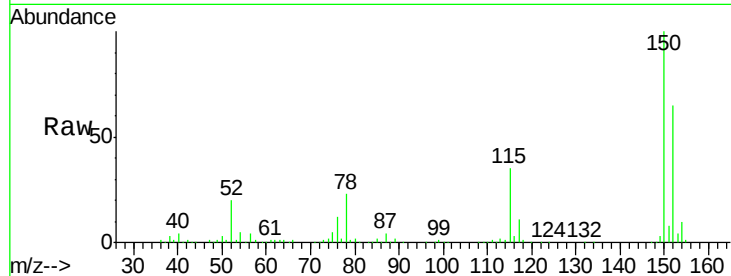




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF093374.D
 Acq: 3 Mar 2017 22:24

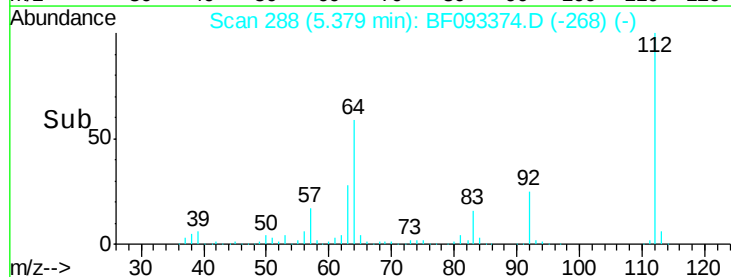
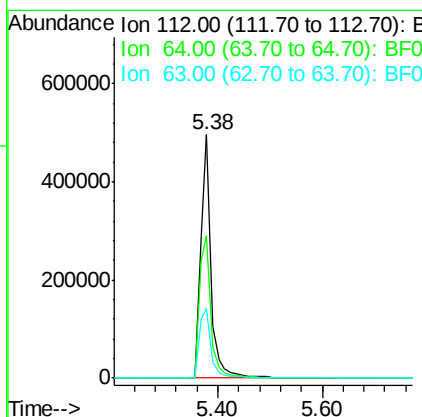
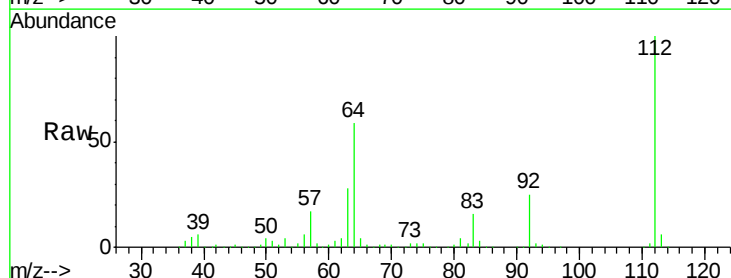
Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-5-20170302

Tgt Ion:152 Resp: 210589
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.9 187.3
 115 54.4 46.0 69.0



#5
 2-Fluorophenol
 Concen: 55.71 ng
 RT: 5.38 min Scan# 288
 Delta R.T. -0.07 min
 Lab File: BF093374.D
 Acq: 3 Mar 2017 22:24

Tgt Ion:112 Resp: 683824
 Ion Ratio Lower Upper
 112 100
 64 58.7 46.1 69.1
 63 28.4 23.8 35.6





#7

Phenol-d6

Concen: 37.45 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF093374.D

Acq: 3 Mar 2017 22:24

Instrument :

BNA_F

ClientSampleId :

SRI-MW-5-20170302

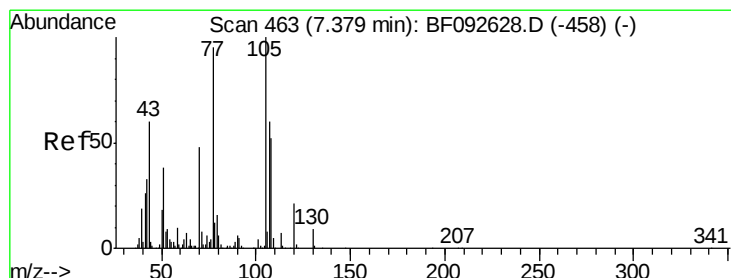
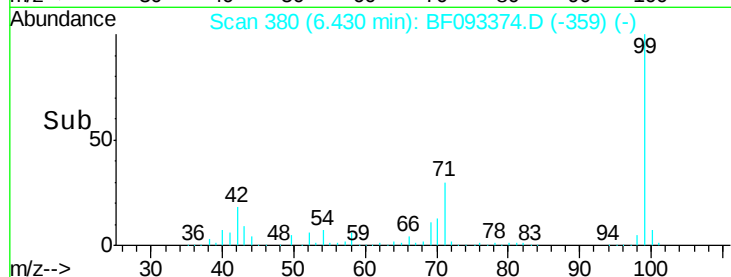
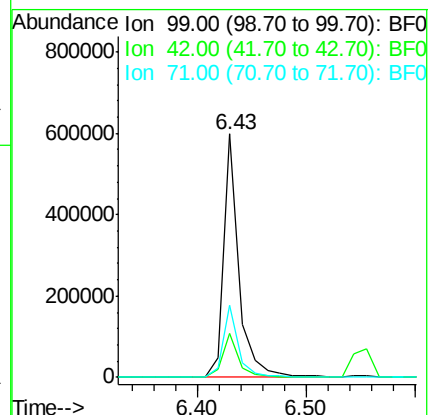
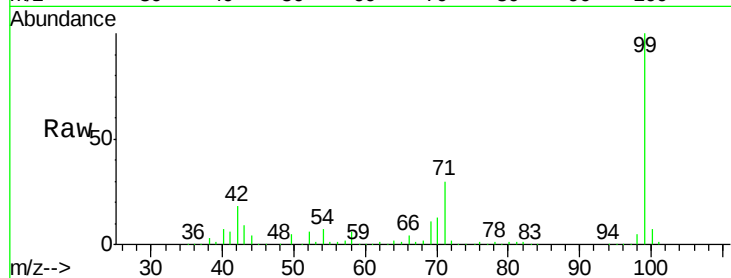
Tgt Ion: 99 Resp: 591467

Ion Ratio Lower Upper

99 100

42 18.3 15.6 23.4

71 29.6 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.09 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.08 min

Lab File: BF093374.D

Acq: 3 Mar 2017 22:24

Tgt Ion: 70 Resp: 141628

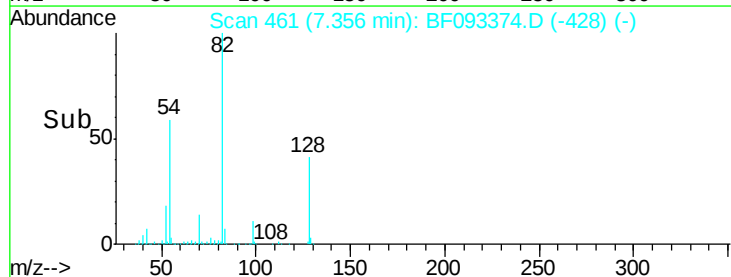
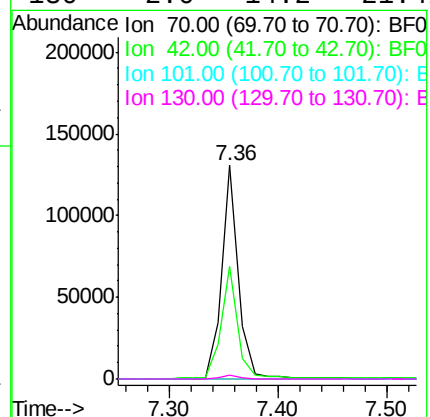
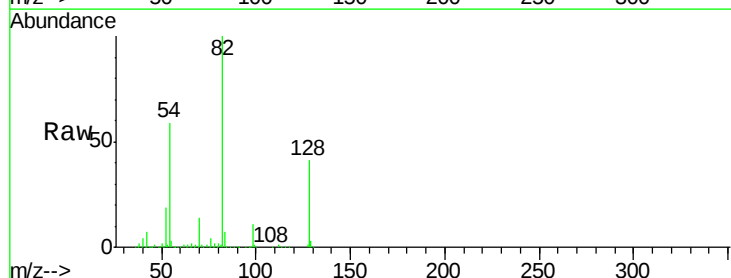
Ion Ratio Lower Upper

70 100

42 52.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

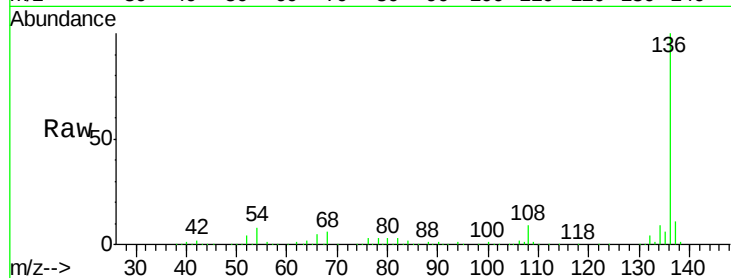




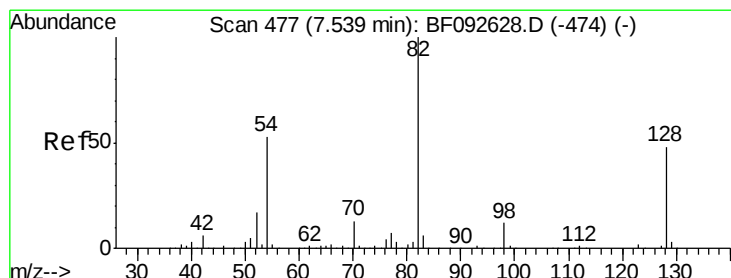
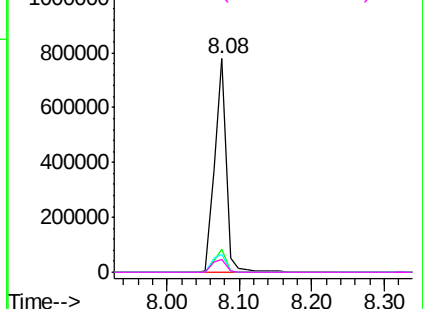
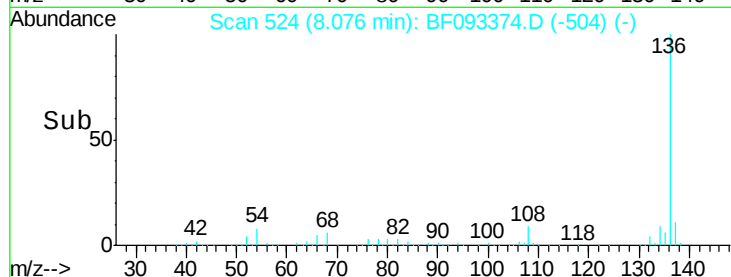
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093374.D
Acq: 3 Mar 2017 22:24

Instrument :
BNA_F
ClientSampleId :
SRI-MW-5-20170302

Tgt Ion:	136	Resp:	858325
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.1	4.5	6.7#
68	6.0	3.6	5.4#

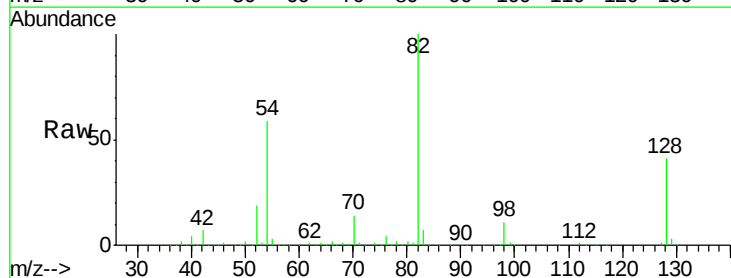


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

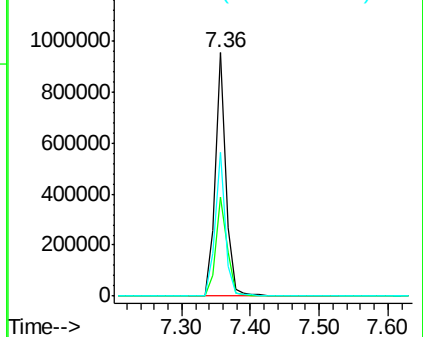
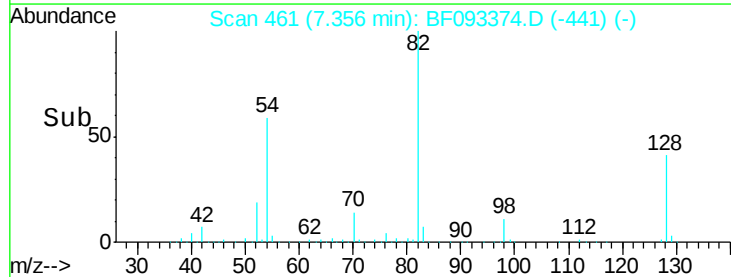


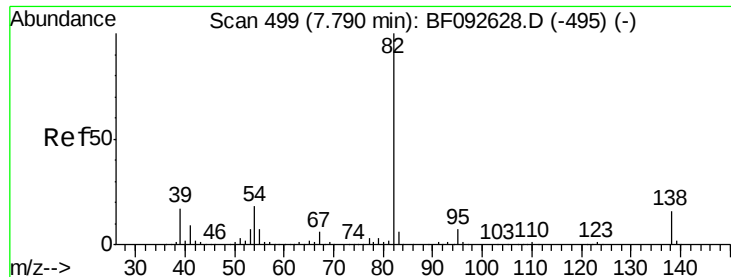
#23
Nitrobenzene-d5
Concen: 69.07 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.07 min
Lab File: BF093374.D
Acq: 3 Mar 2017 22:24

Tgt Ion:	82	Resp:	1064597
Ion	Ratio	Lower	Upper
82	100		
128	40.7	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): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 30.58 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.33 min

Lab File: BF093374.D

Acq: 3 Mar 2017 22:24

Instrument :

BNA_F

ClientSampleId :

SRI-MW-5-20170302

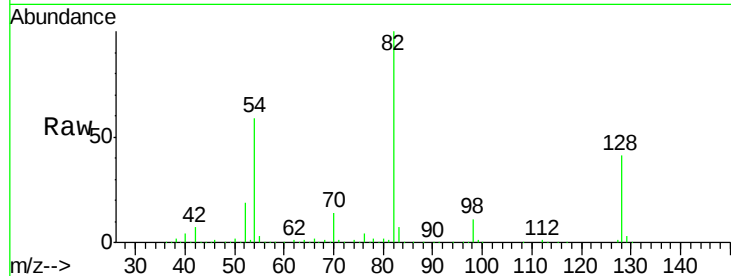
Tgt Ion: 82 Resp: 878312

Ion Ratio Lower Upper

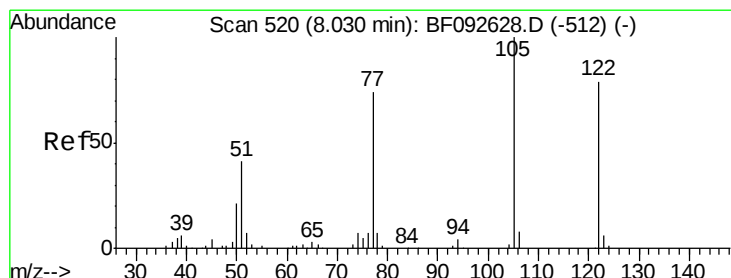
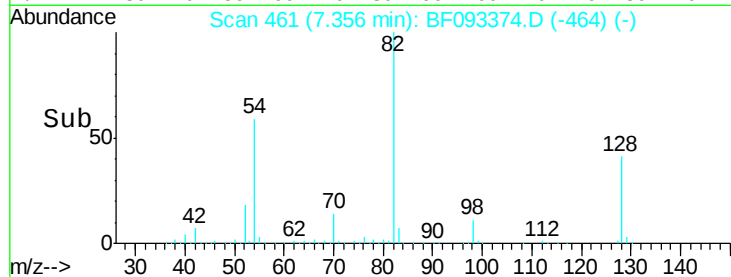
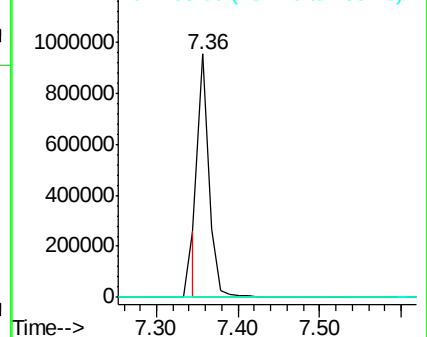
82 100

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: 7.19 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.15 min

Lab File: BF093374.D

Acq: 3 Mar 2017 22:24

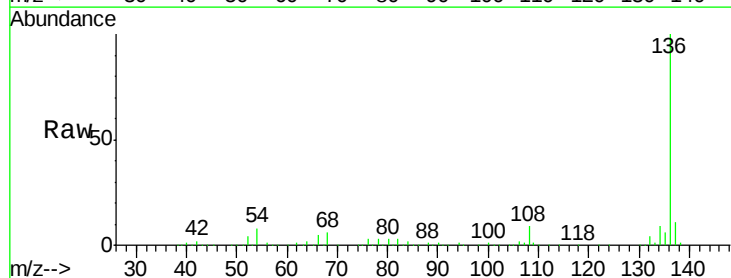
Tgt Ion: 122 Resp: 225

Ion Ratio Lower Upper

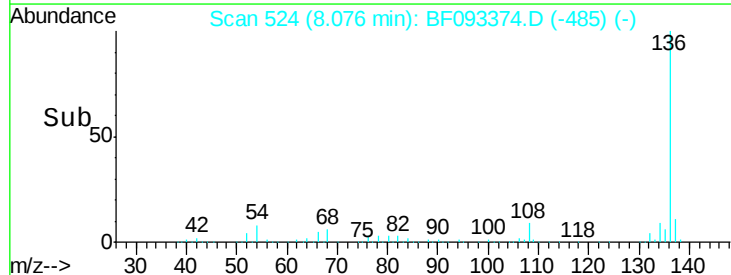
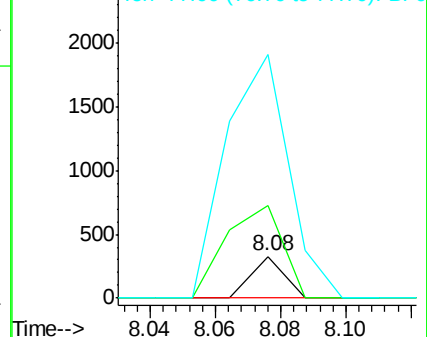
122 100

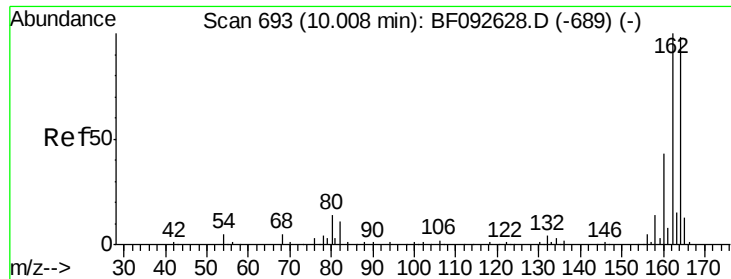
105 221.3 107.2 147.2#

77 582.6 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

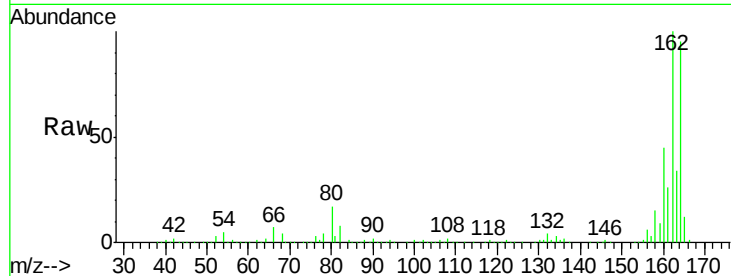




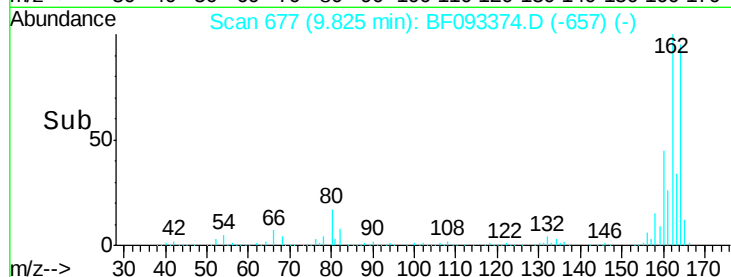
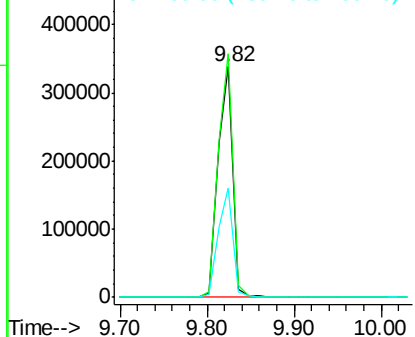
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF093374.D
 Acq: 3 Mar 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-5-20170302

Tgt Ion:164 Resp: 407129
 Ion Ratio Lower Upper
 164 100
 162 105.5 80.2 120.2
 160 47.6 36.9 55.3

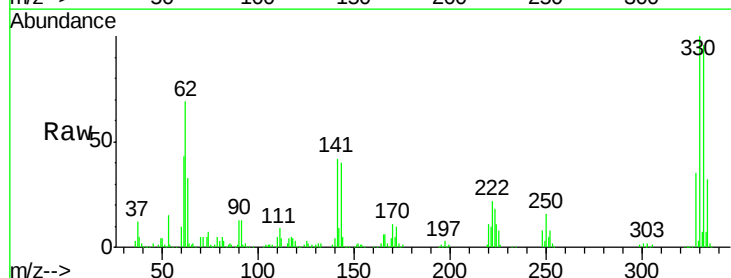


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

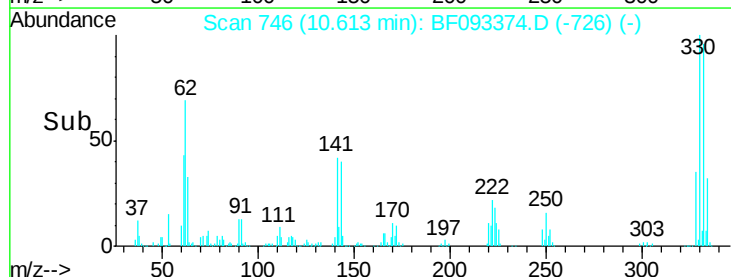
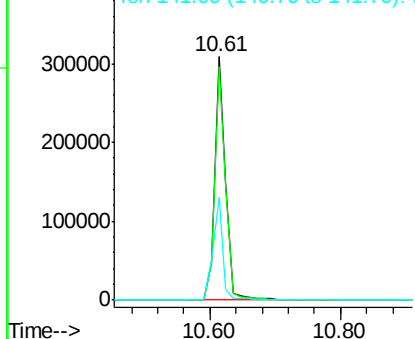


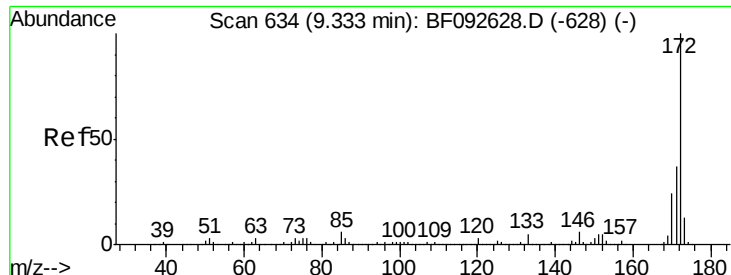
#41
 2,4,6-Tribromophenol
 Concen: 124.33 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF093374.D
 Acq: 3 Mar 2017 22:24

Tgt Ion:330 Resp: 366114
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 38.3 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

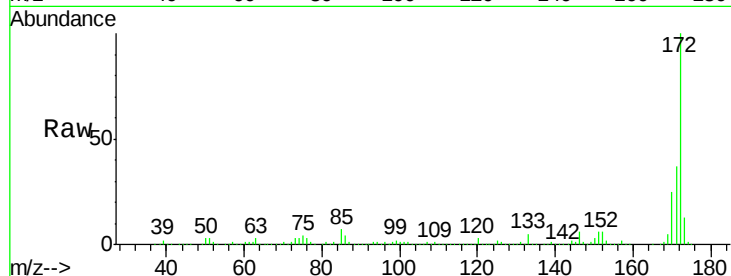




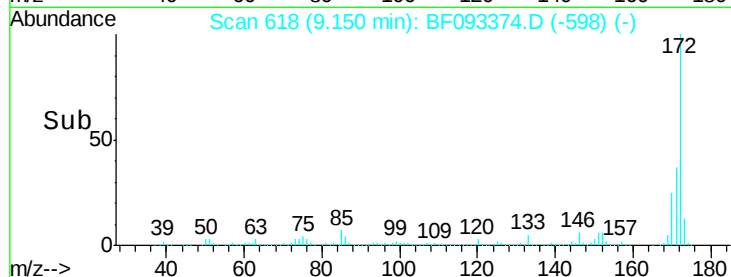
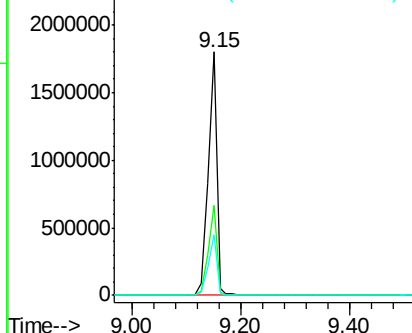
#44
2-Fluorobiphenyl
Concen: 86.13 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.07 min
Lab File: BF093374.D
Acq: 3 Mar 2017 22:24

Instrument :
BNA_F
ClientSampleId :
SRI-MW-5-20170302

Tgt Ion:172 Resp: 1935488
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.7 20.2 30.4

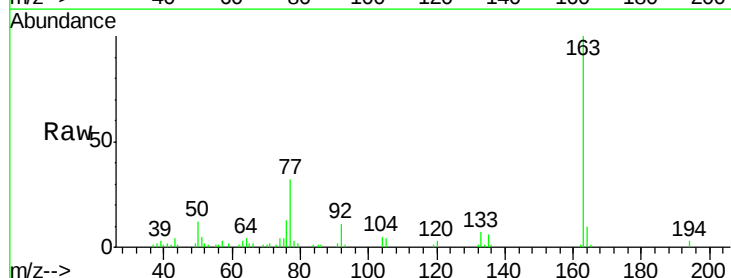


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

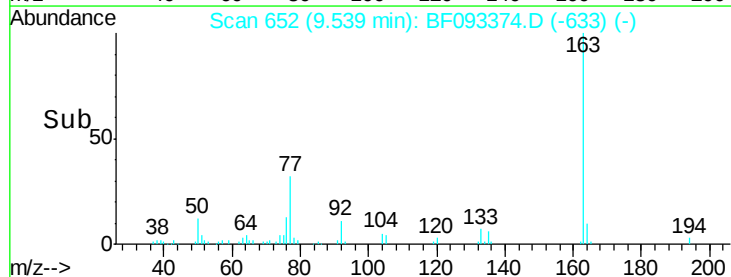
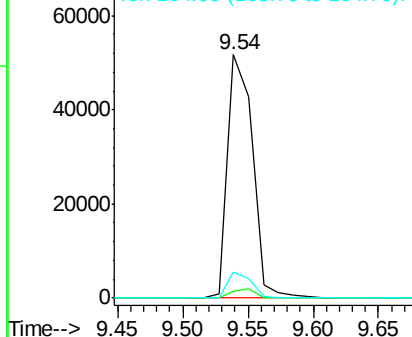


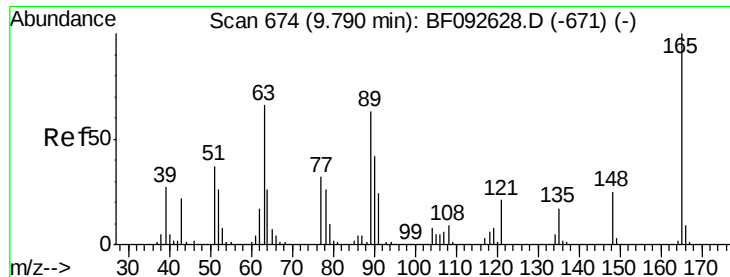
#49
Dimethylphthalate
Concen: 2.51 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.08 min
Lab File: BF093374.D
Acq: 3 Mar 2017 22:24

Tgt Ion:163 Resp: 68708
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 10.5 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

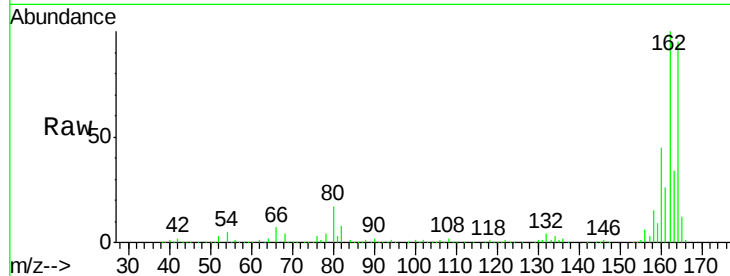




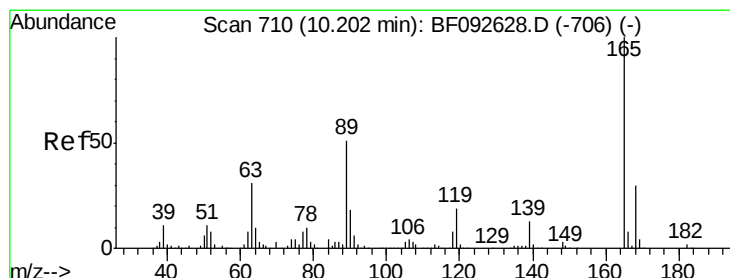
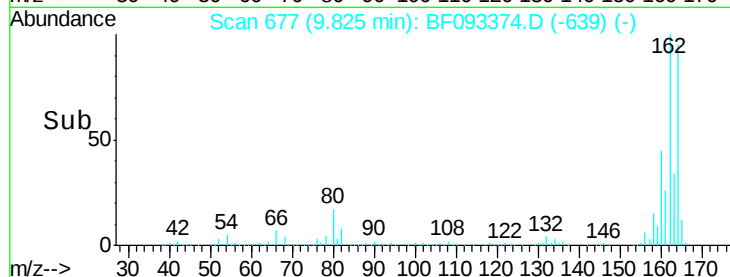
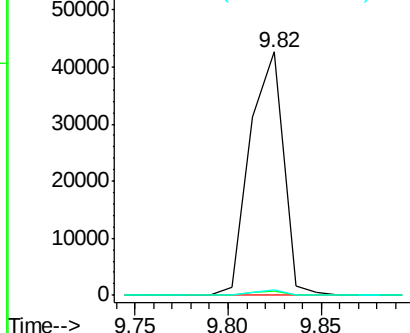
#50
 2,6-Dinitrotoluene
 Concen: 8.96 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.14 min
 Lab File: BF093374.D
 Acq: 3 Mar 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-5-20170302

Tgt Ion:165 Resp: 53092
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.2 54.4#
 89 2.2 40.2 60.4#

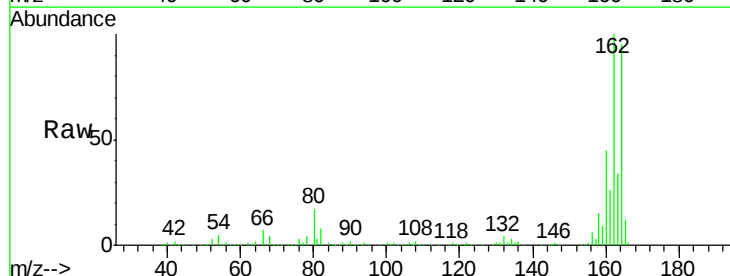


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

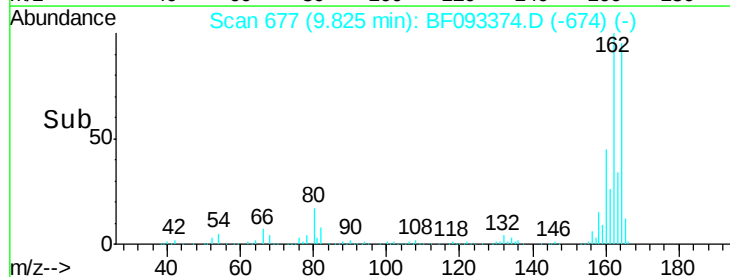
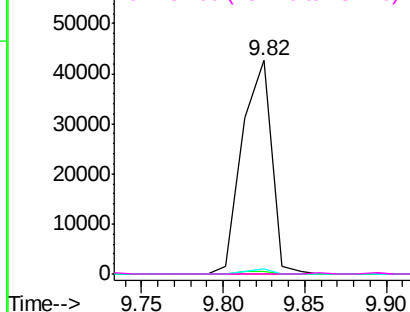


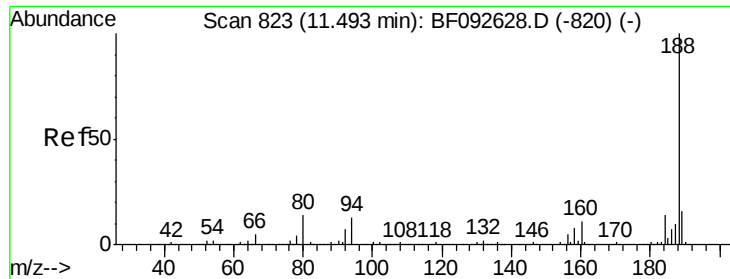
#56
 2,4-Dinitrotoluene
 Concen: 6.73 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.26 min
 Lab File: BF093374.D
 Acq: 3 Mar 2017 22:24

Tgt Ion:165 Resp: 53095
 Ion Ratio Lower Upper
 165 100
 63 1.5 40.2 60.4#
 89 2.2 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

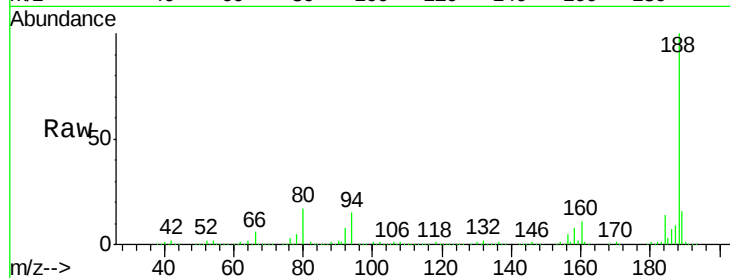




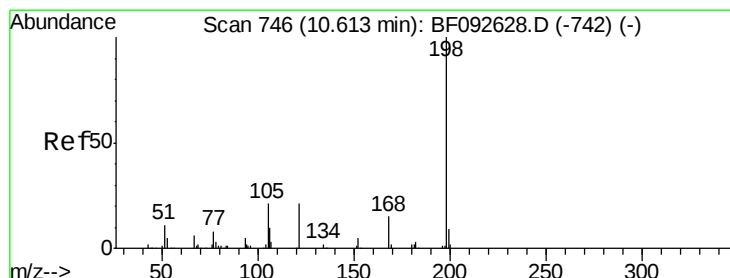
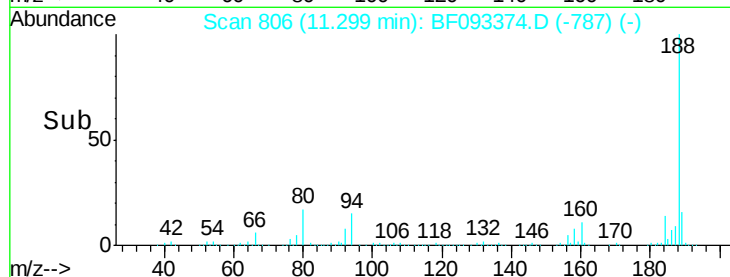
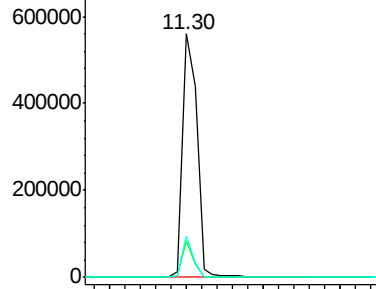
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF093374.D
 Acq: 3 Mar 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SRI-MW-5-20170302

Tgt Ion:188 Resp: 721451
 Ion Ratio Lower Upper
 188 100
 94 14.9 10.0 15.0
 80 17.0 11.2 16.8#

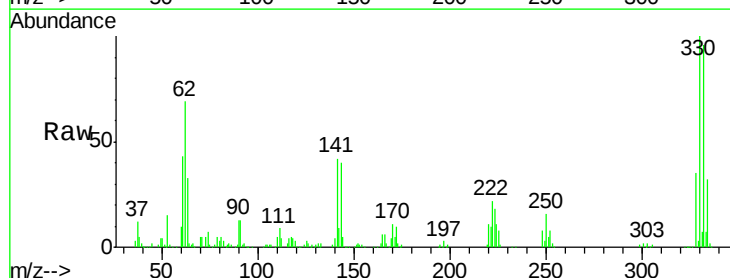


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

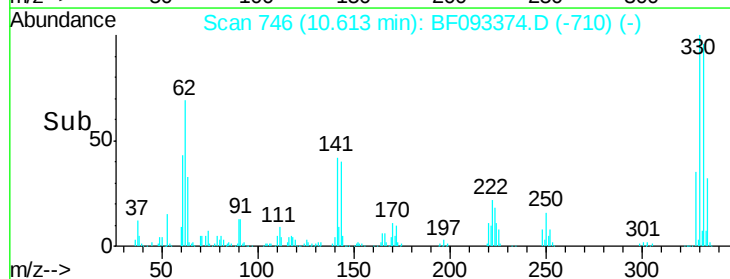
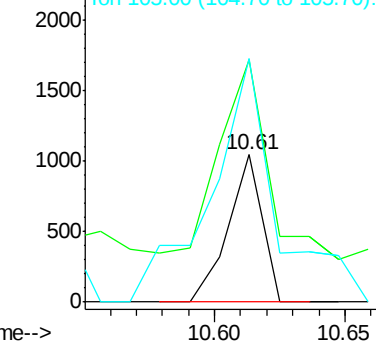


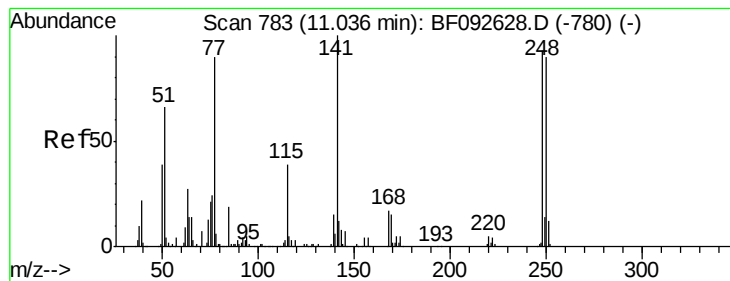
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.87 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.11 min
 Lab File: BF093374.D
 Acq: 3 Mar 2017 22:24

Tgt Ion:198 Resp: 940
 Ion Ratio Lower Upper
 198 100
 51 164.4 6.7 46.7#
 105 165.4 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: 3.47 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.31 min

Lab File: BF093374.D

Acq: 3 Mar 2017 22:24

Instrument :

BNA_F

ClientSampleId :

SRI-MW-5-20170302

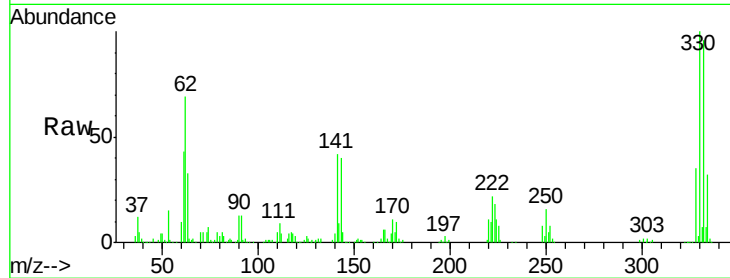
Tgt Ion:248 Resp: 26122

Ion Ratio Lower Upper

248 100

250 192.8 76.9 115.3#

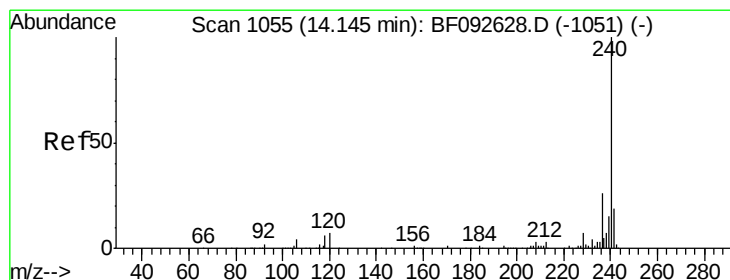
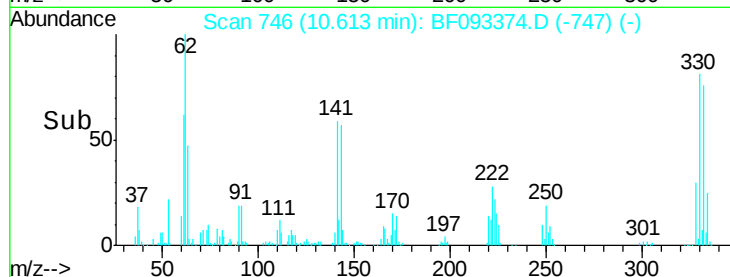
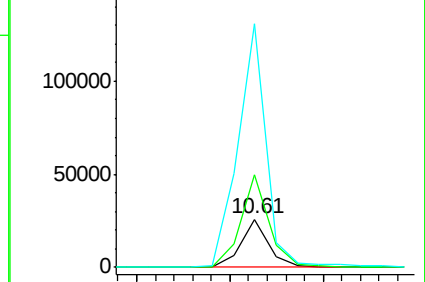
141 510.0 68.2 102.4#



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: BF093374.D

Acq: 3 Mar 2017 22:24

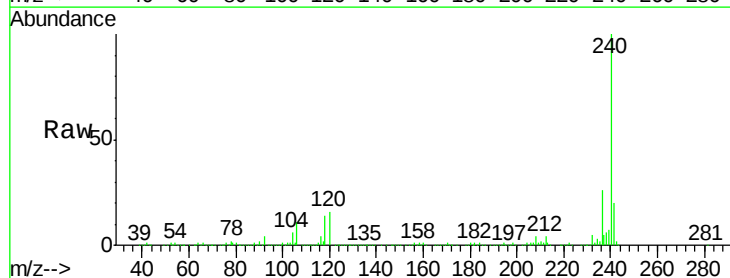
Tgt Ion:240 Resp: 567412

Ion Ratio Lower Upper

240 100

120 15.8 12.9 19.3

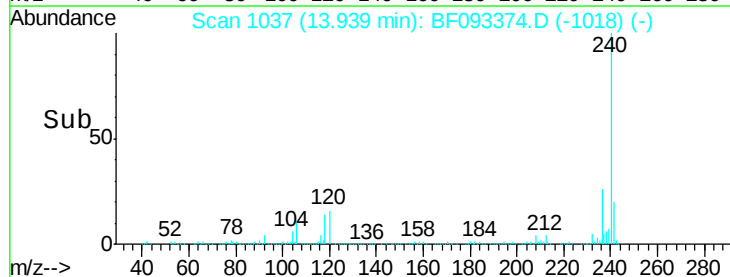
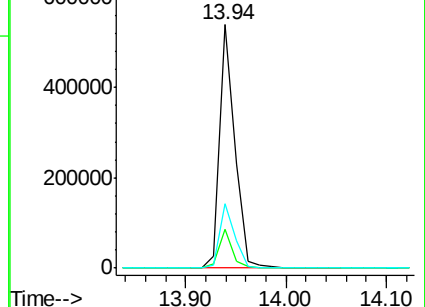
236 26.3 20.9 31.3

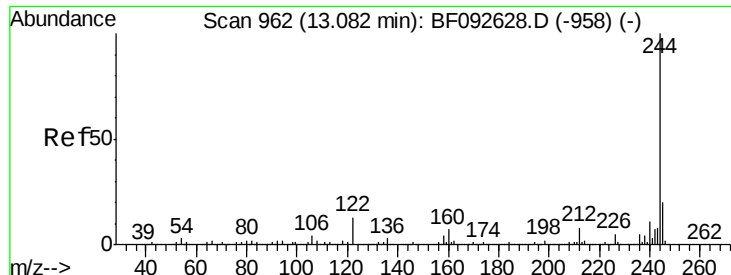


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.07 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.08 min

Lab File: BF093374.D

Acq: 3 Mar 2017 22:24

Instrument :

BNA_F

ClientSampleId :

SRI-MW-5-20170302

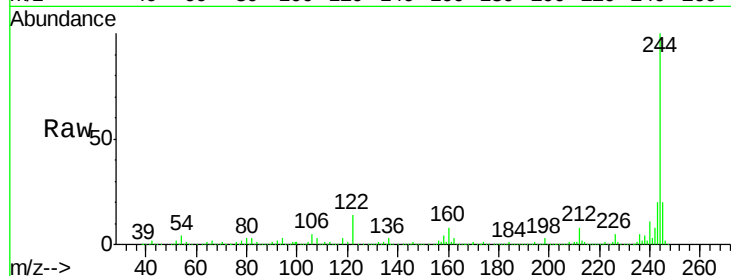
Tgt Ion:244 Resp: 1692068

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

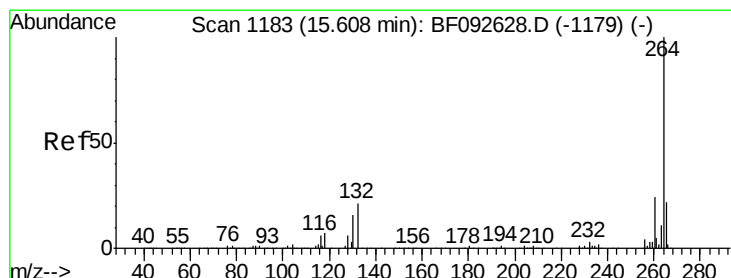
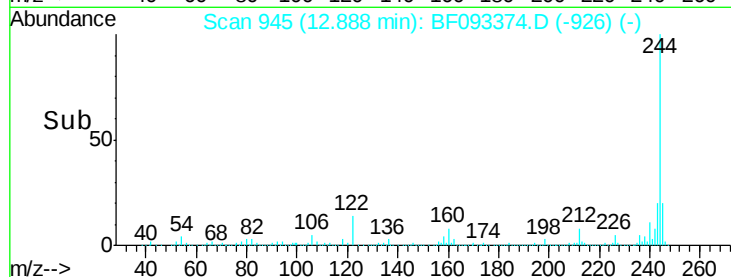
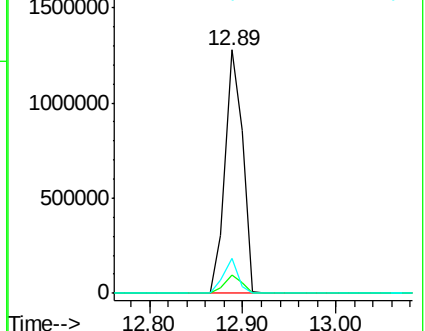
122 14.4 11.4 17.2



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: BF093374.D

Acq: 3 Mar 2017 22:24

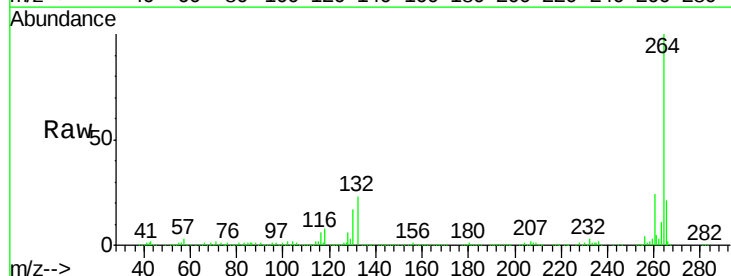
Tgt Ion:264 Resp: 407027

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.1 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

