

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093375.D
 Acq On : 3 Mar 2017 22:51
 Operator : SJ/MA
 Sample : I2086-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Mar 04 01:34:26 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

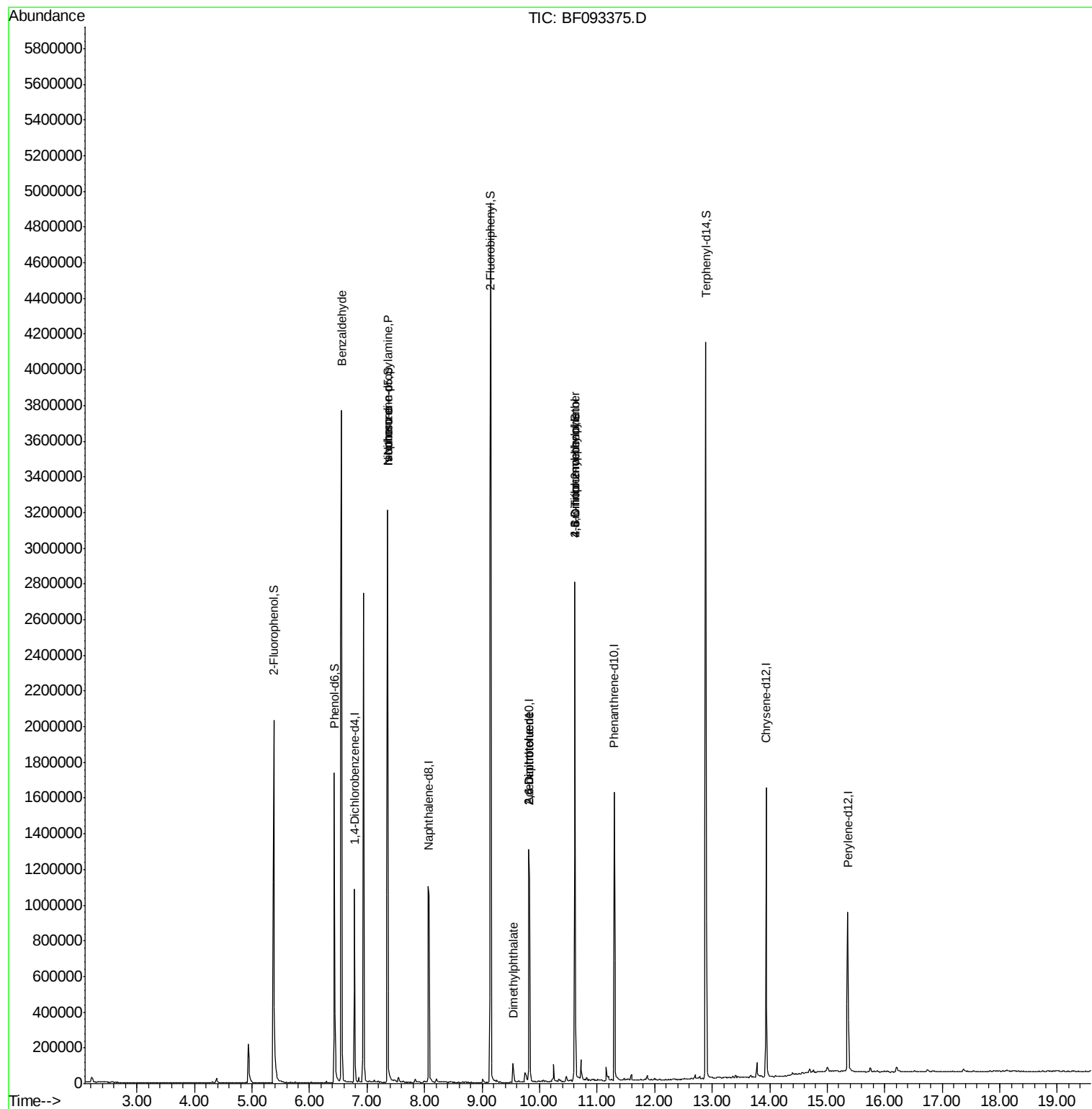
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	195045	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	764942	20.00	ng	-0.07
38) Acenaphthene-d10	9.81	164	370396	20.00	ng	-0.08
63) Phenanthrene-d10	11.30	188	657670	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	558667	20.00	ng	-0.08
86) Perylene-d12	15.36	264	385746	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	756705	66.56	ng	-0.07
7) Phenol-d6	6.43	99	644091	44.03	ng	-0.06
23) Nitrobenzene-d5	7.36	82	1161812	84.58	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	340194	126.99	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	2005616	98.10	ng	-0.07
78) Terphenyl-d14	12.89	244	1412550	59.41	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.56	77	27514	2.63	ng	# 77
19) n-Nitroso-di-n-propylamine	7.36	70	155814	16.73	ng	# 81
25) Isophorone	7.36	82	907082	35.44	ng	# 65
49) Dimethylphthalate	9.54	163	49969	2.00	ng	99
50) 2,6-Dinitrotoluene	9.81	165	47084	8.74	ng	# 31
56) 2,4-Dinitrotoluene	9.81	165	47085	6.56	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.61	198	617	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	26032	3.79	ng	# 1

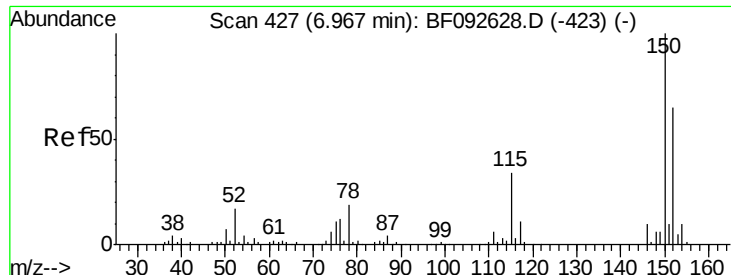
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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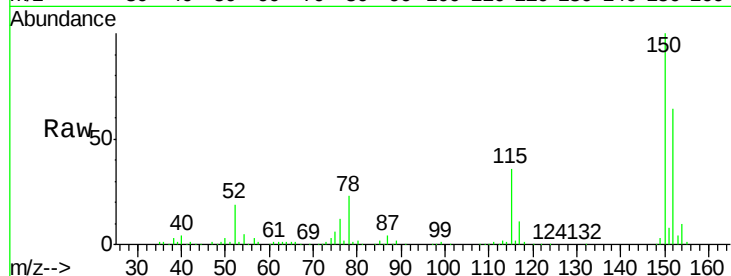


#1

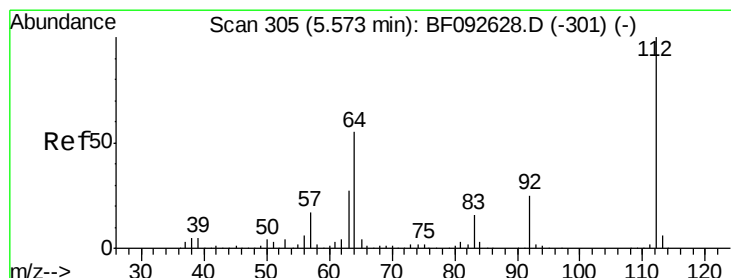
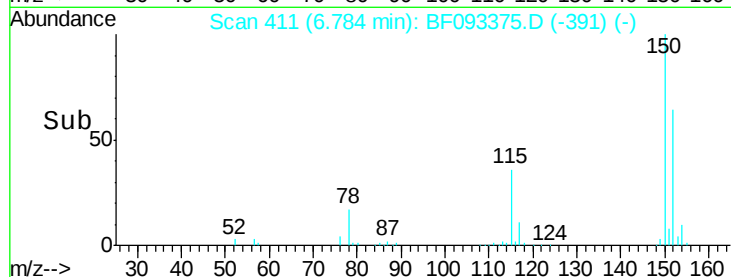
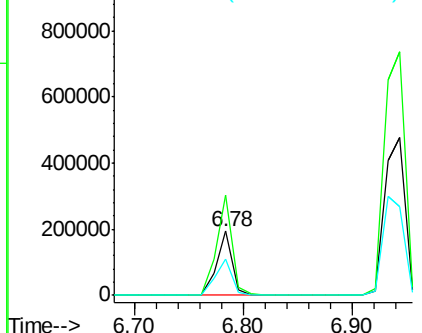
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.07 min
Lab File: BF093375.D
Acq: 3 Mar 2017 22:51

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

Tgt Ion:152 Resp: 195045
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 56.4 46.0 69.0



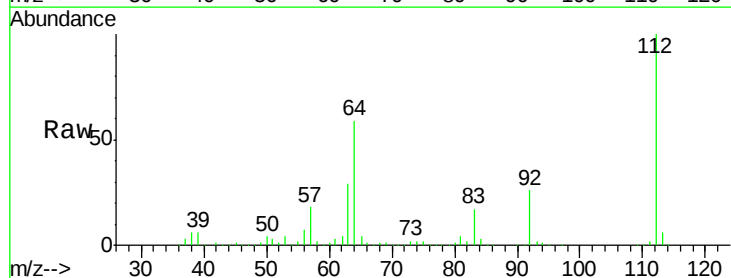
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



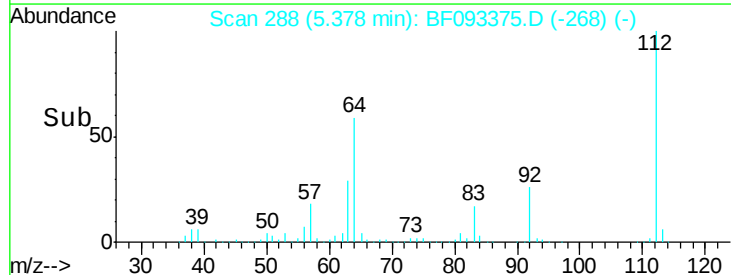
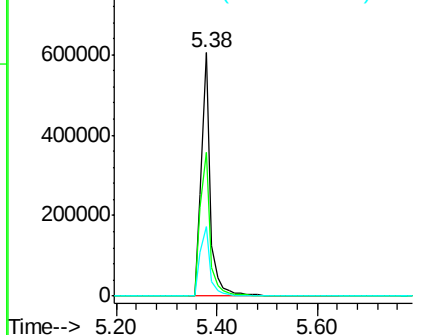
#5

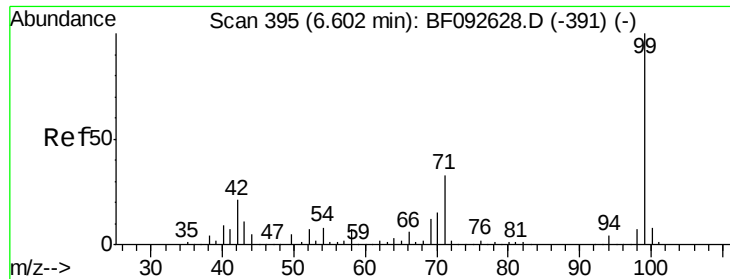
2-Fluorophenol
Concen: 66.56 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.07 min
Lab File: BF093375.D
Acq: 3 Mar 2017 22:51

Tgt Ion:112 Resp: 756705
Ion Ratio Lower Upper
112 100
64 59.1 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: 44.03 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF093375.D

Acq: 3 Mar 2017 22:51

Instrument :

BNA_F

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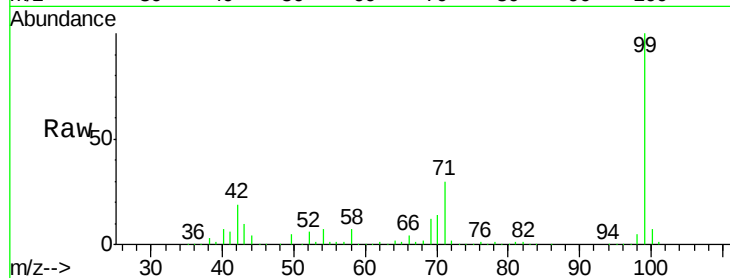
Tgt Ion: 99 Resp: 644091

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

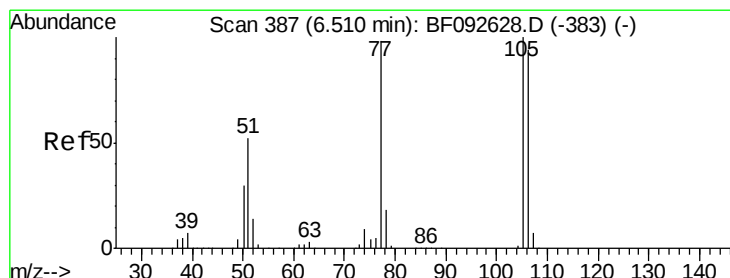
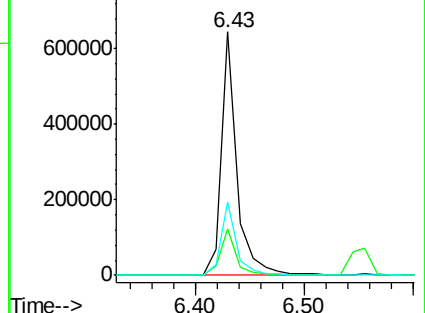
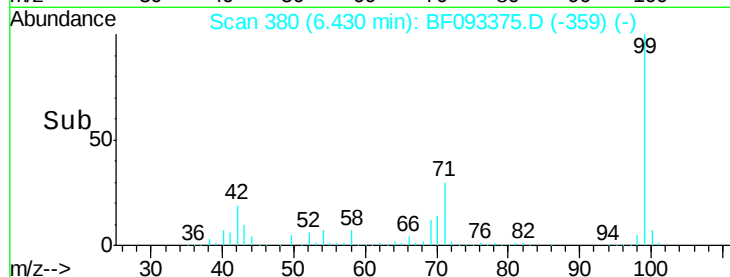
71 30.1 27.5 41.3



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: 2.63 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF093375.D

Acq: 3 Mar 2017 22:51

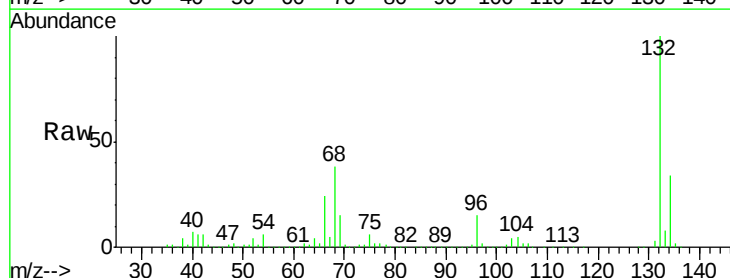
Tgt Ion: 77 Resp: 27514

Ion Ratio Lower Upper

77 100

105 80.4 83.9 123.9#

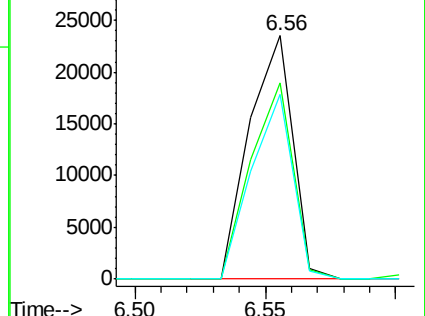
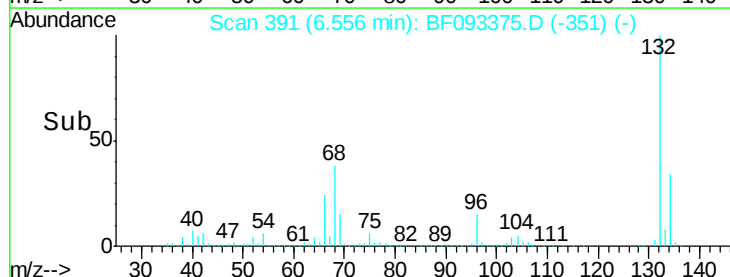
106 75.6 77.6 117.6#

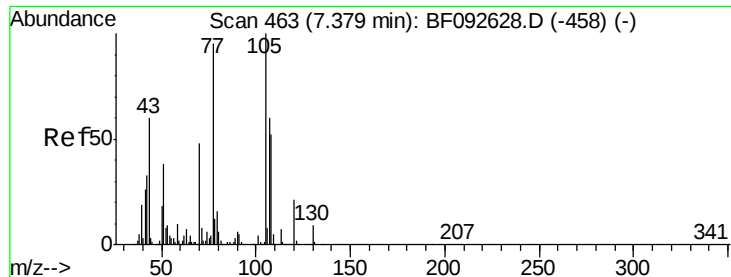


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

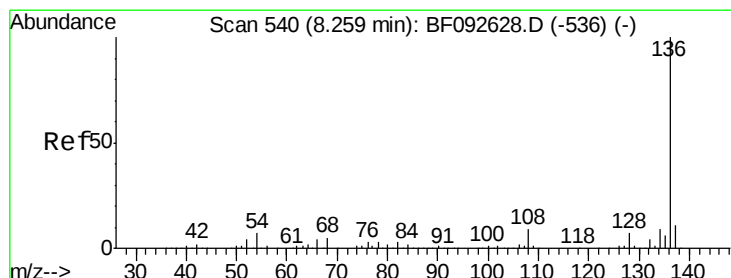
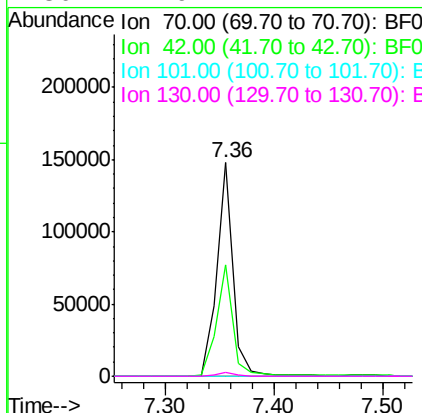
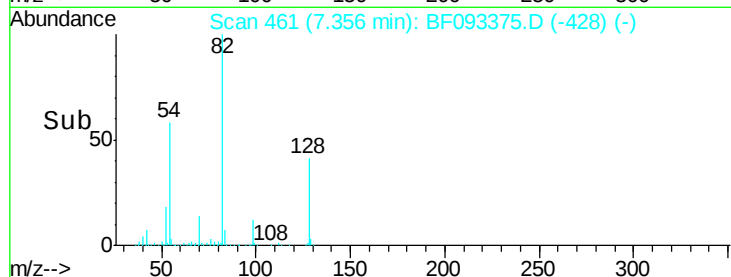
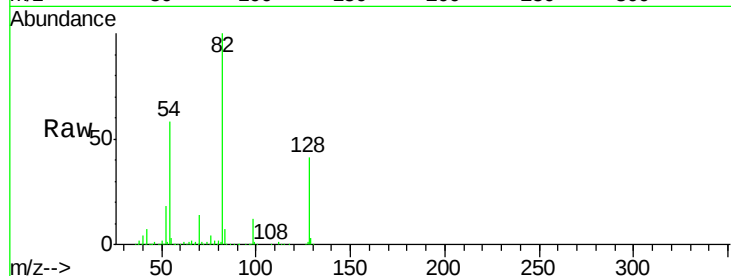




#19
n-Nitroso-di-n-propylamine
Concen: 16.73 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.08 min
Lab File: BF093375.D
Acq: 3 Mar 2017 22:51

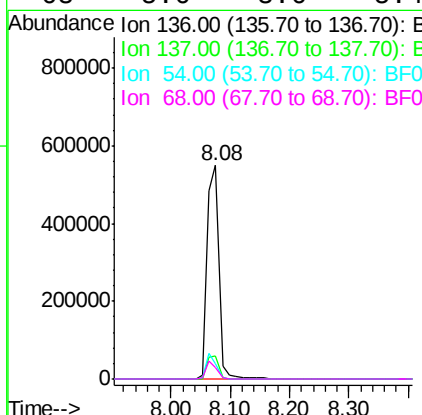
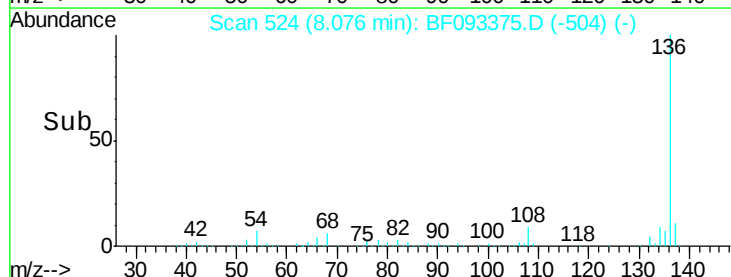
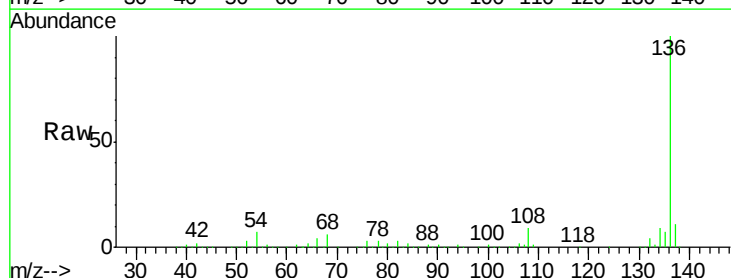
Instrument :
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SRI-MW-X-20170302

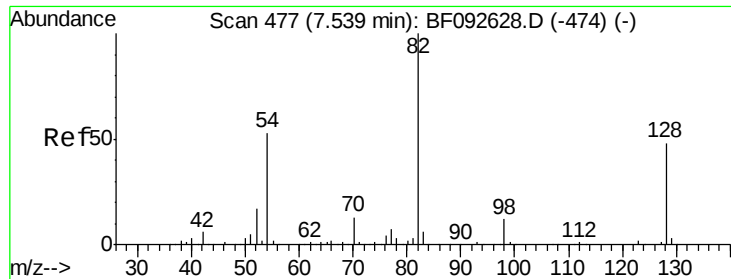
Tgt Ion: 70 Resp: 155814
Ion Ratio Lower Upper
70 100
42 52.1 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093375.D
Acq: 3 Mar 2017 22:51

Tgt Ion: 136 Resp: 764942
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.2 4.5 6.7#
68 5.6 3.6 5.4#

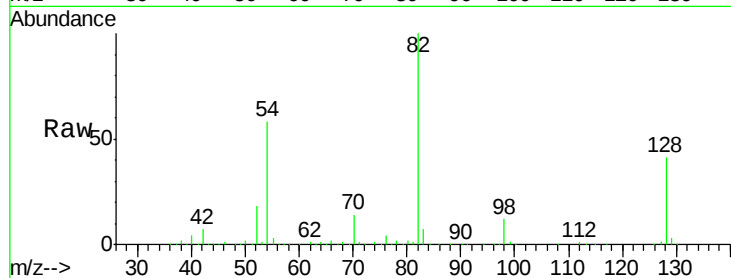




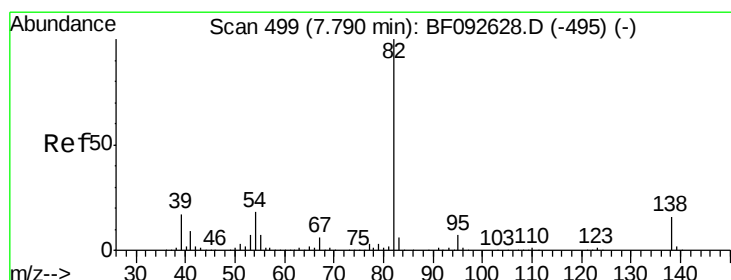
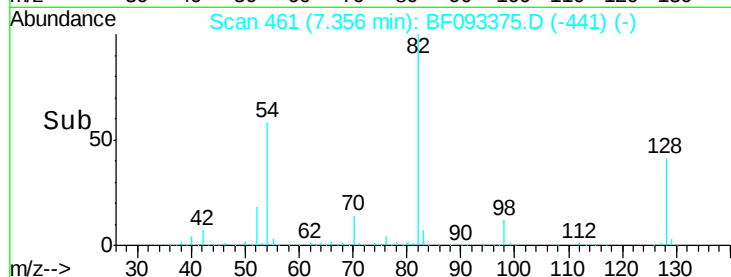
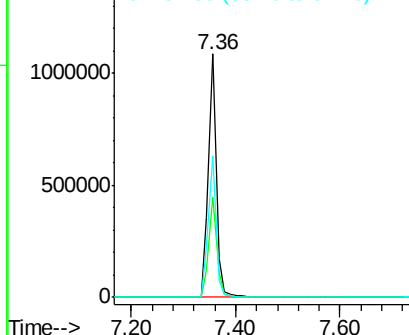
#23
 Nitrobenzene-d5
 Concen: 84.58 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.07 min
 Lab File: BF093375.D
 Acq: 3 Mar 2017 22:51

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

Tgt Ion: 82 Resp: 1161812
 Ion Ratio Lower Upper
 82 100
 128 41.1 34.6 52.0
 54 58.1 39.5 59.3

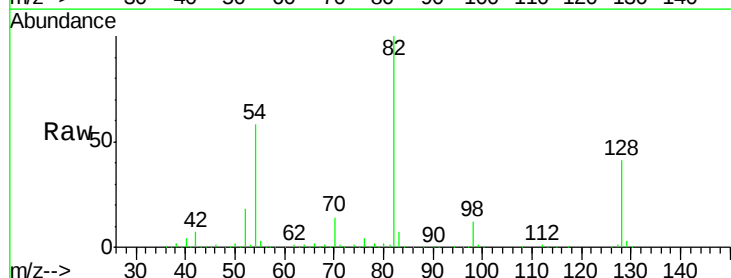


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

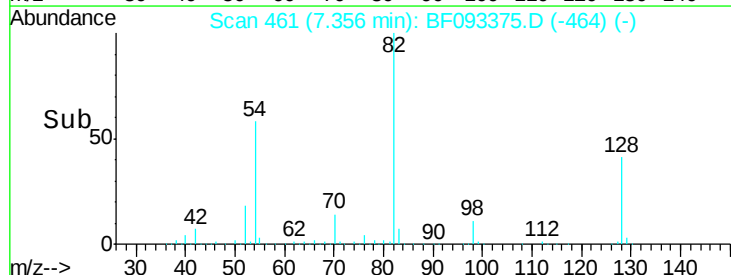
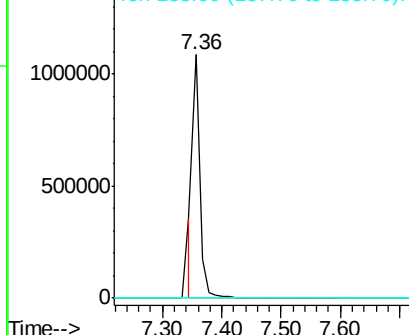


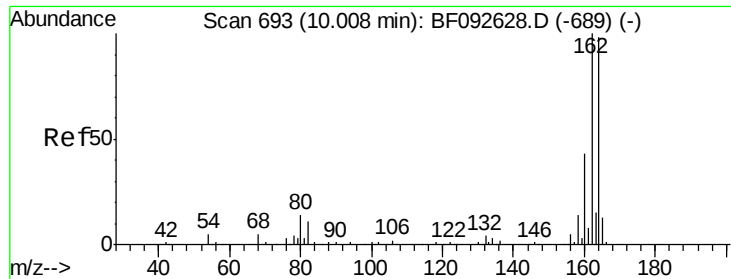
#25
 Isophorone
 Concen: 35.44 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.33 min
 Lab File: BF093375.D
 Acq: 3 Mar 2017 22:51

Tgt Ion: 82 Resp: 907082
 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: 9.81 min Scan# 676

Delta R.T. -0.08 min

Lab File: BF093375.D

Acq: 3 Mar 2017 22:51

Instrument :

BNA_F

ClientSampleId :

SRI-MW-X-20170302

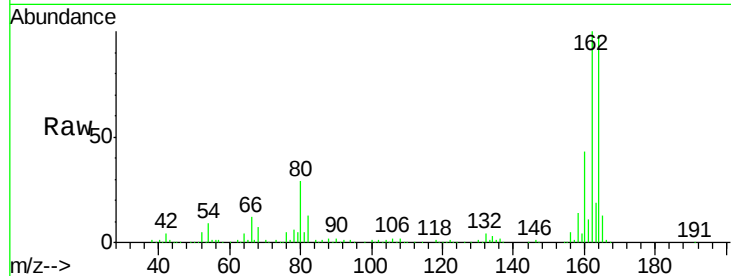
Tgt Ion:164 Resp: 370396

Ion Ratio Lower Upper

164 100

162 102.4 80.2 120.2

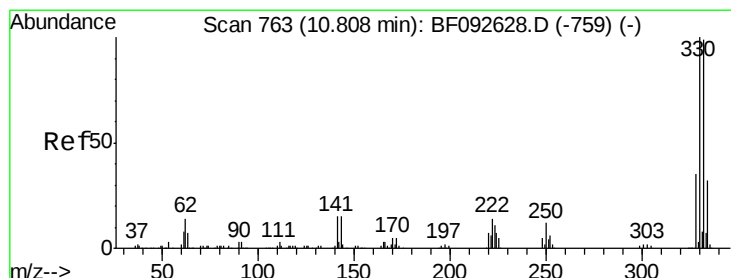
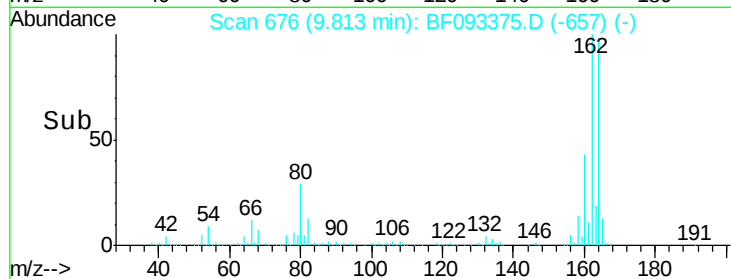
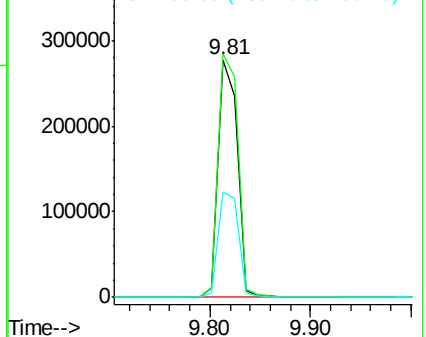
160 44.2 36.9 55.3



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: 126.99 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.07 min

Lab File: BF093375.D

Acq: 3 Mar 2017 22:51

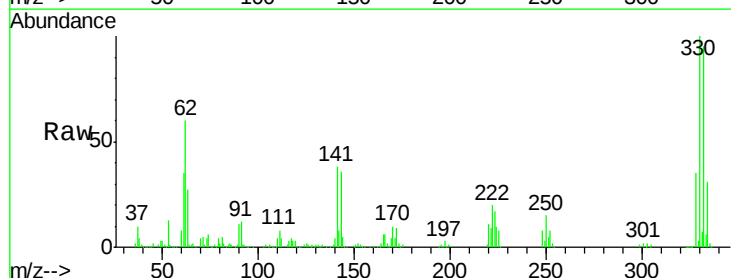
Tgt Ion:330 Resp: 340194

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

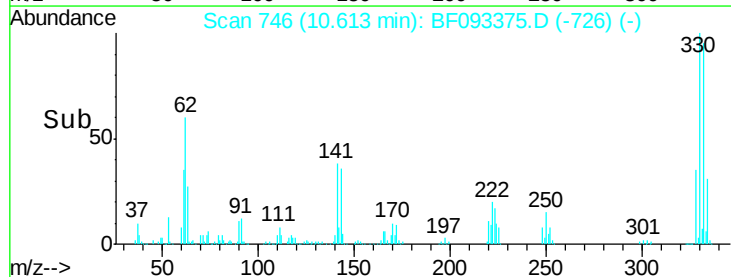
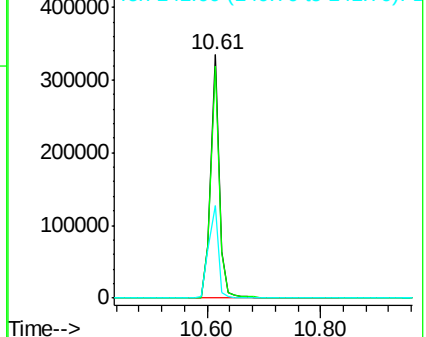
141 42.4 34.1 51.1

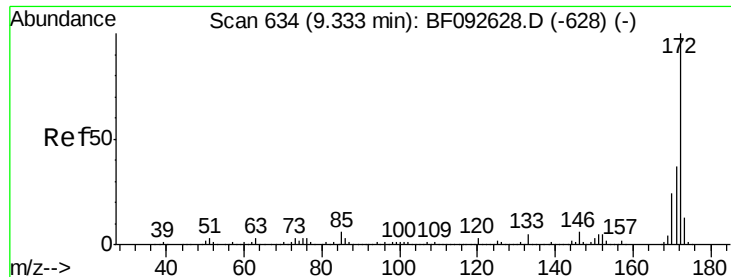


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

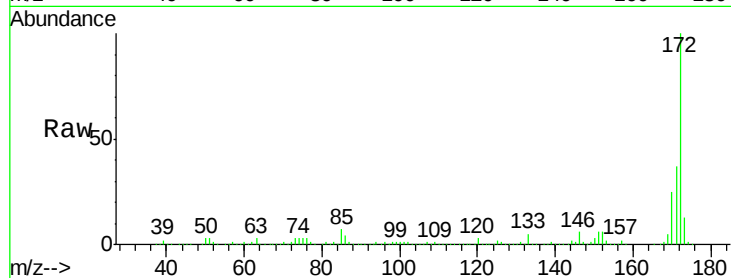




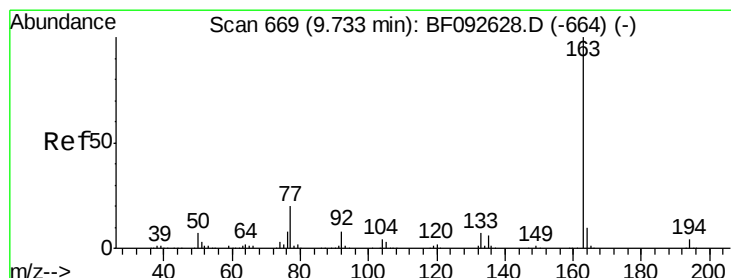
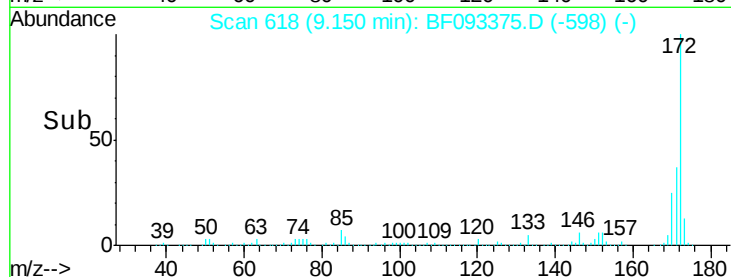
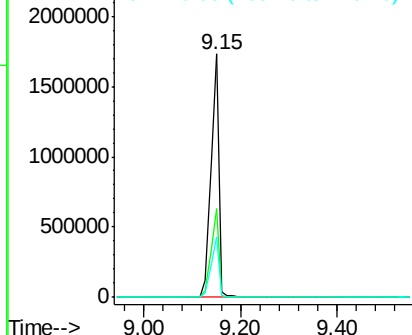
#44
2-Fluorobiphenyl
Concen: 98.10 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.07 min
Lab File: BF093375.D
Acq: 3 Mar 2017 22:51

Instrument :
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ClientSampleId :
SRI-MW-X-20170302

Tgt Ion:172 Resp: 2005616
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 25.0 20.2 30.4

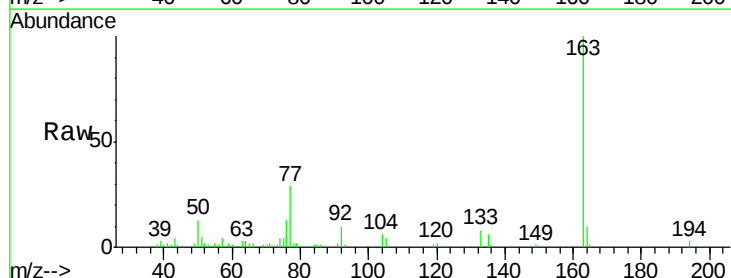


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

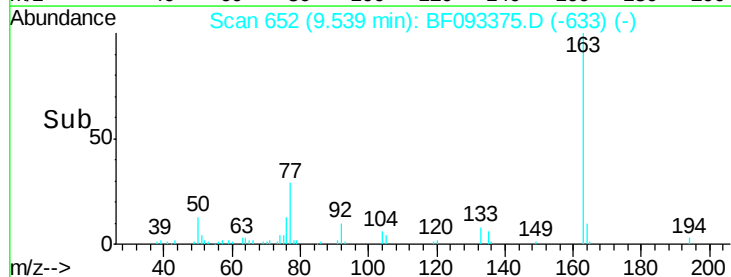
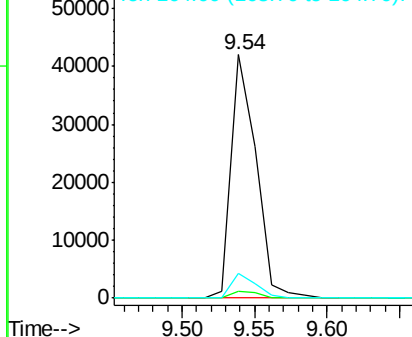


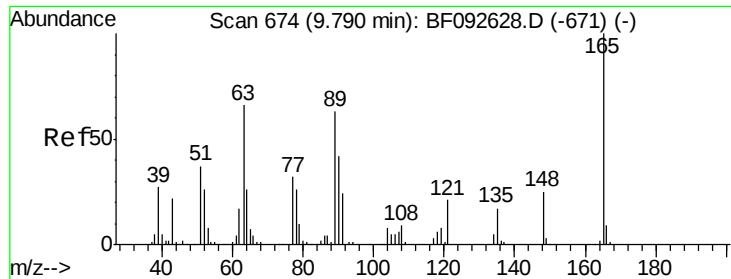
#49
Dimethylphthalate
Concen: 2.00 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.08 min
Lab File: BF093375.D
Acq: 3 Mar 2017 22:51

Tgt Ion:163 Resp: 49969
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 10.3 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

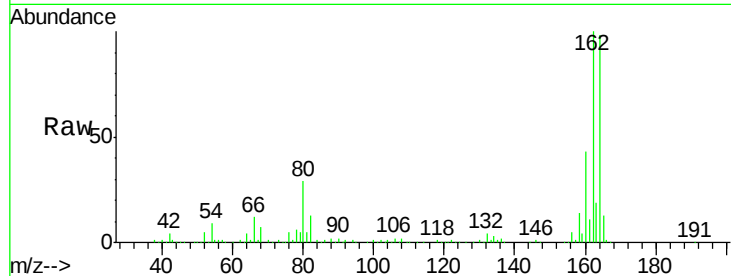




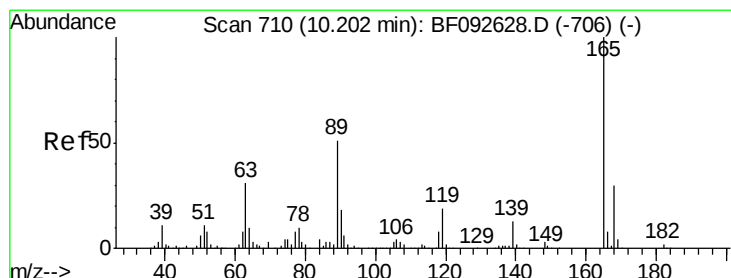
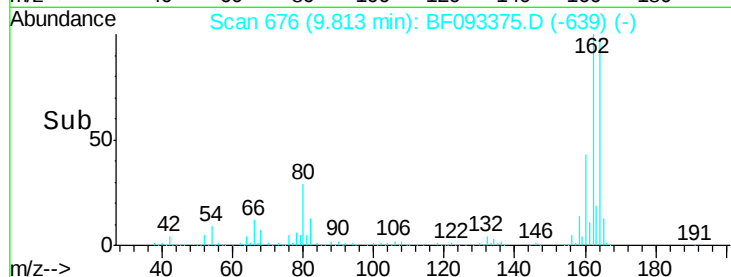
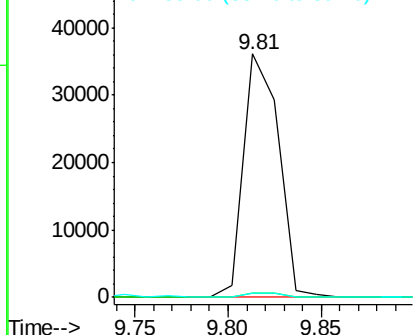
#50
 2,6-Dinitrotoluene
 Concen: 8.74 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.13 min
 Lab File: BF093375.D
 Acq: 3 Mar 2017 22:51

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

Tgt Ion:165 Resp: 47084
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.2 54.4#
 89 1.6 40.2 60.4#

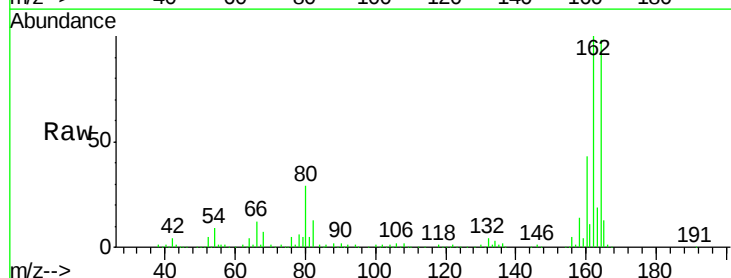


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

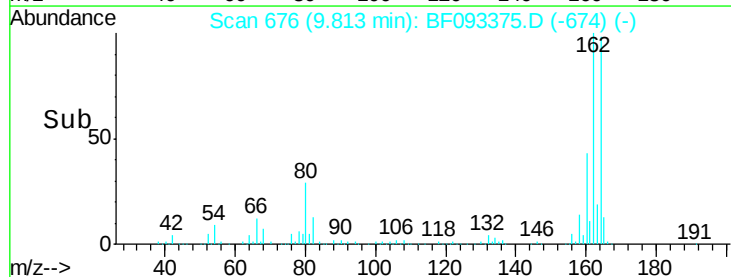
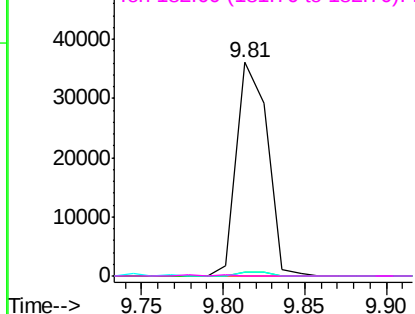


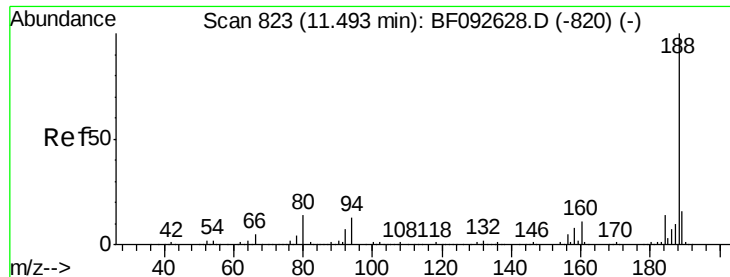
#56
 2,4-Dinitrotoluene
 Concen: 6.56 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.27 min
 Lab File: BF093375.D
 Acq: 3 Mar 2017 22:51

Tgt Ion:165 Resp: 47085
 Ion Ratio Lower Upper
 165 100
 63 1.7 40.2 60.4#
 89 1.6 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

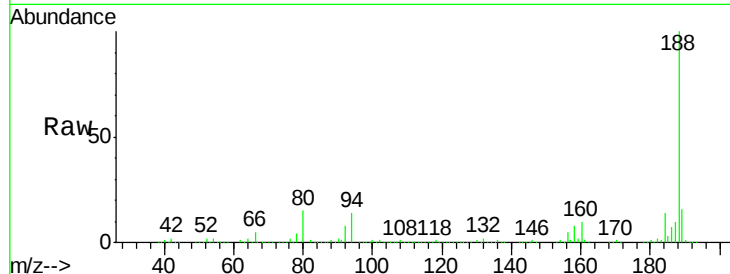




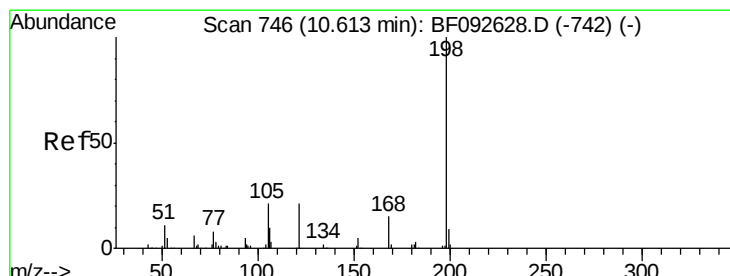
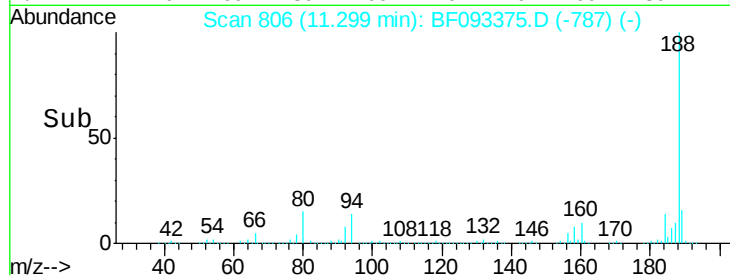
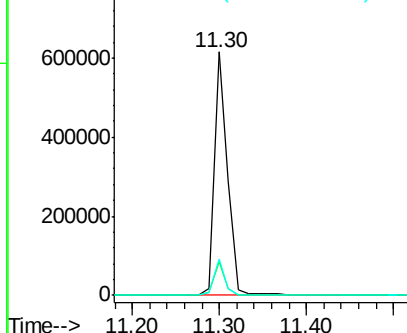
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF093375.D
Acq: 3 Mar 2017 22:51

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

Tgt Ion:188 Resp: 657670
Ion Ratio Lower Upper
188 100
94 13.9 10.0 15.0
80 14.9 11.2 16.8

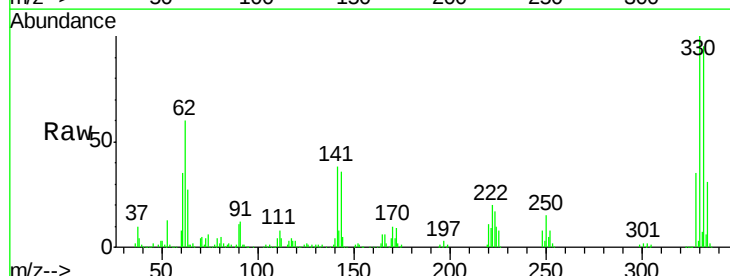


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

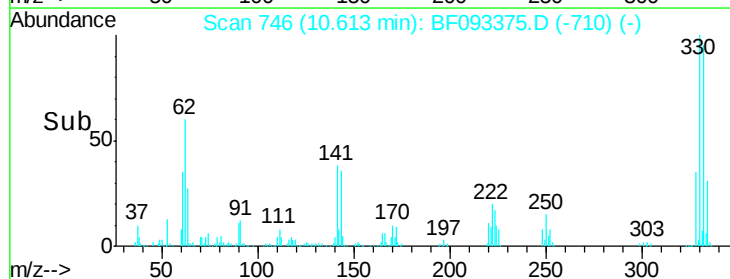
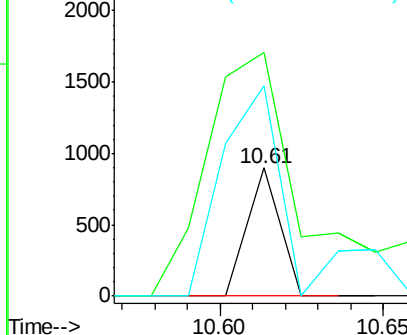


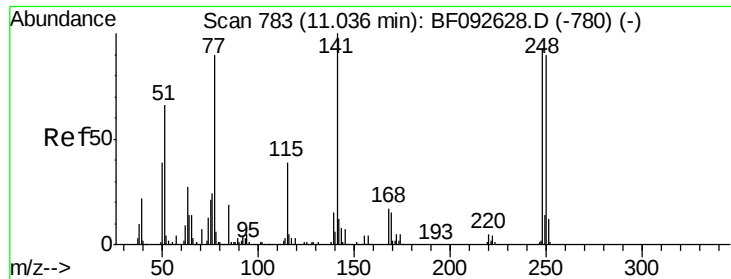
#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.11 min
Lab File: BF093375.D
Acq: 3 Mar 2017 22:51

Tgt Ion:198 Resp: 617
Ion Ratio Lower Upper
198 100
51 189.7 6.7 46.7#
105 163.6 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

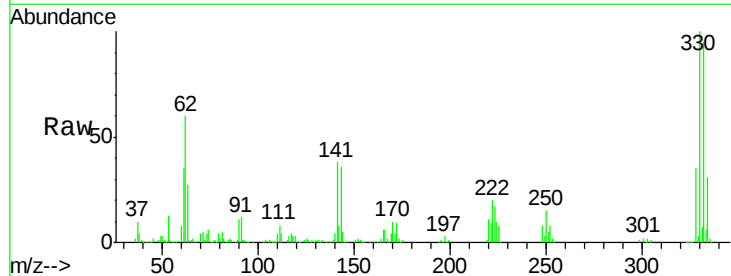




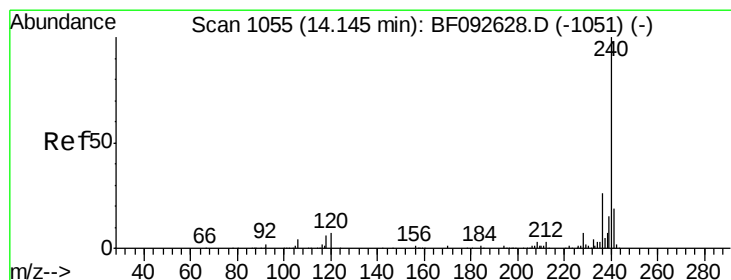
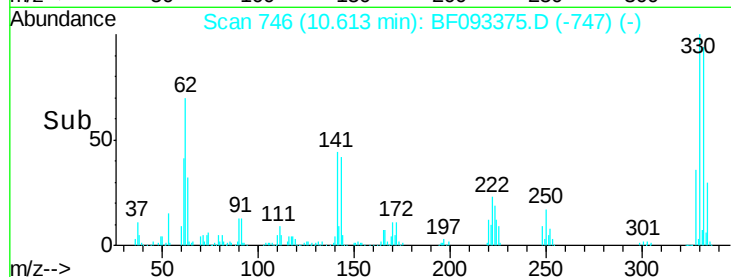
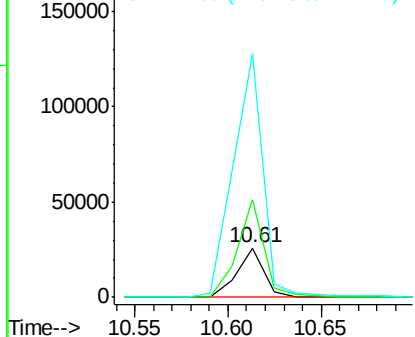
#66
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.31 min
Lab File: BF093375.D
Acq: 3 Mar 2017 22:51

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

Tgt Ion:248 Resp: 26032
Ion Ratio Lower Upper
248 100
250 197.4 76.9 115.3#
141 493.6 68.2 102.4#

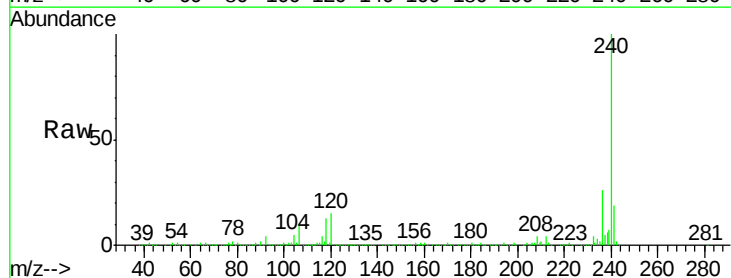


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

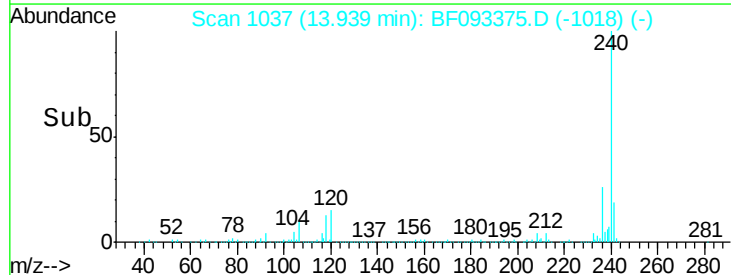
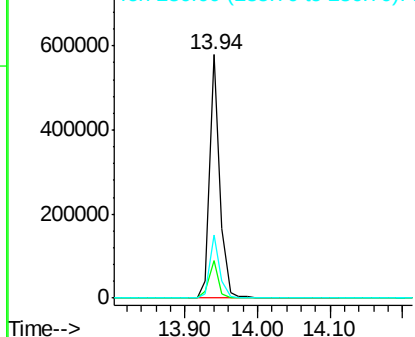


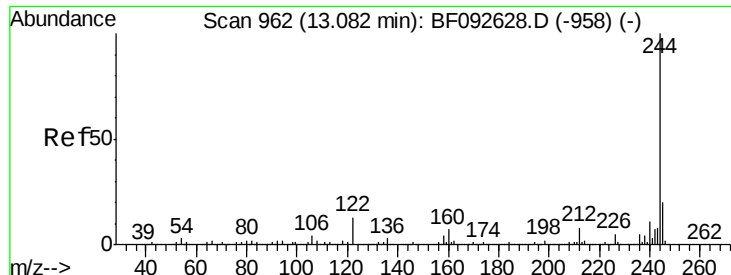
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF093375.D
Acq: 3 Mar 2017 22:51

Tgt Ion:240 Resp: 558667
Ion Ratio Lower Upper
240 100
120 15.2 12.9 19.3
236 26.2 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

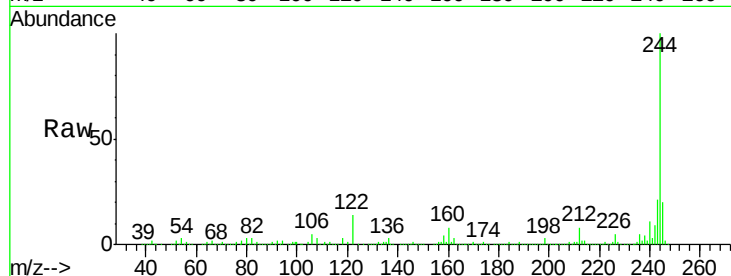




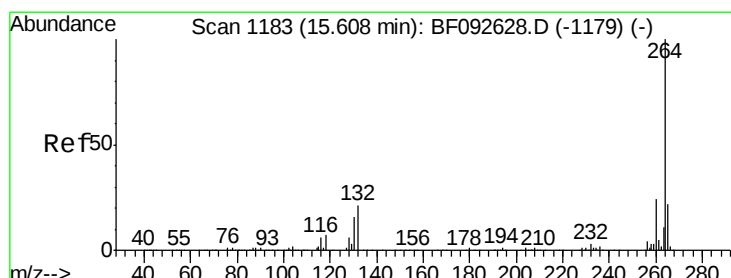
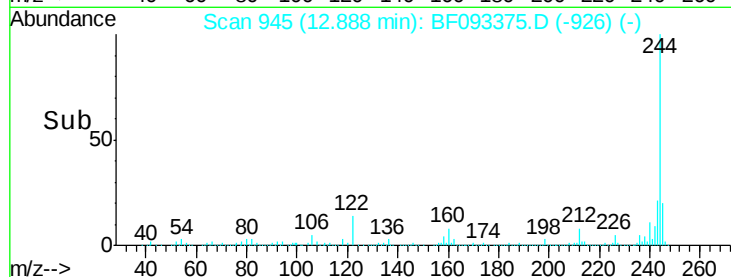
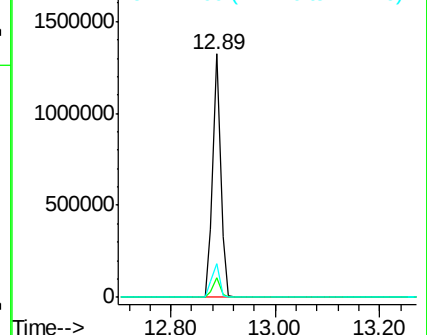
#78
 Terphenyl-d14
 Concen: 59.41 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.08 min
 Lab File: BF093375.D
 Acq: 3 Mar 2017 22:51

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

Tgt Ion:244 Resp: 1412550
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.7 11.4 17.2

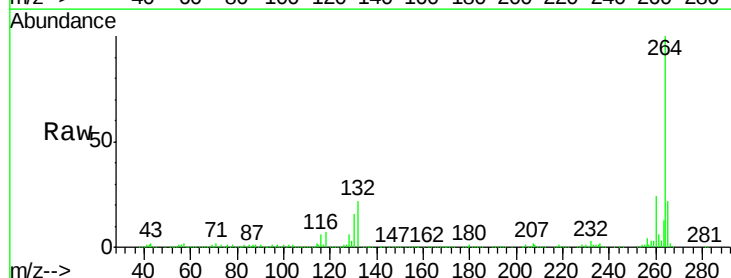


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.09 min
 Lab File: BF093375.D
 Acq: 3 Mar 2017 22:51

Tgt Ion:264 Resp: 385746
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.8 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

