

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093341.D
 Acq On : 3 Mar 2017 00:40
 Operator : SJ/MA
 Sample : I2056-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13B-12

Quant Time: Mar 03 01:17:26 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

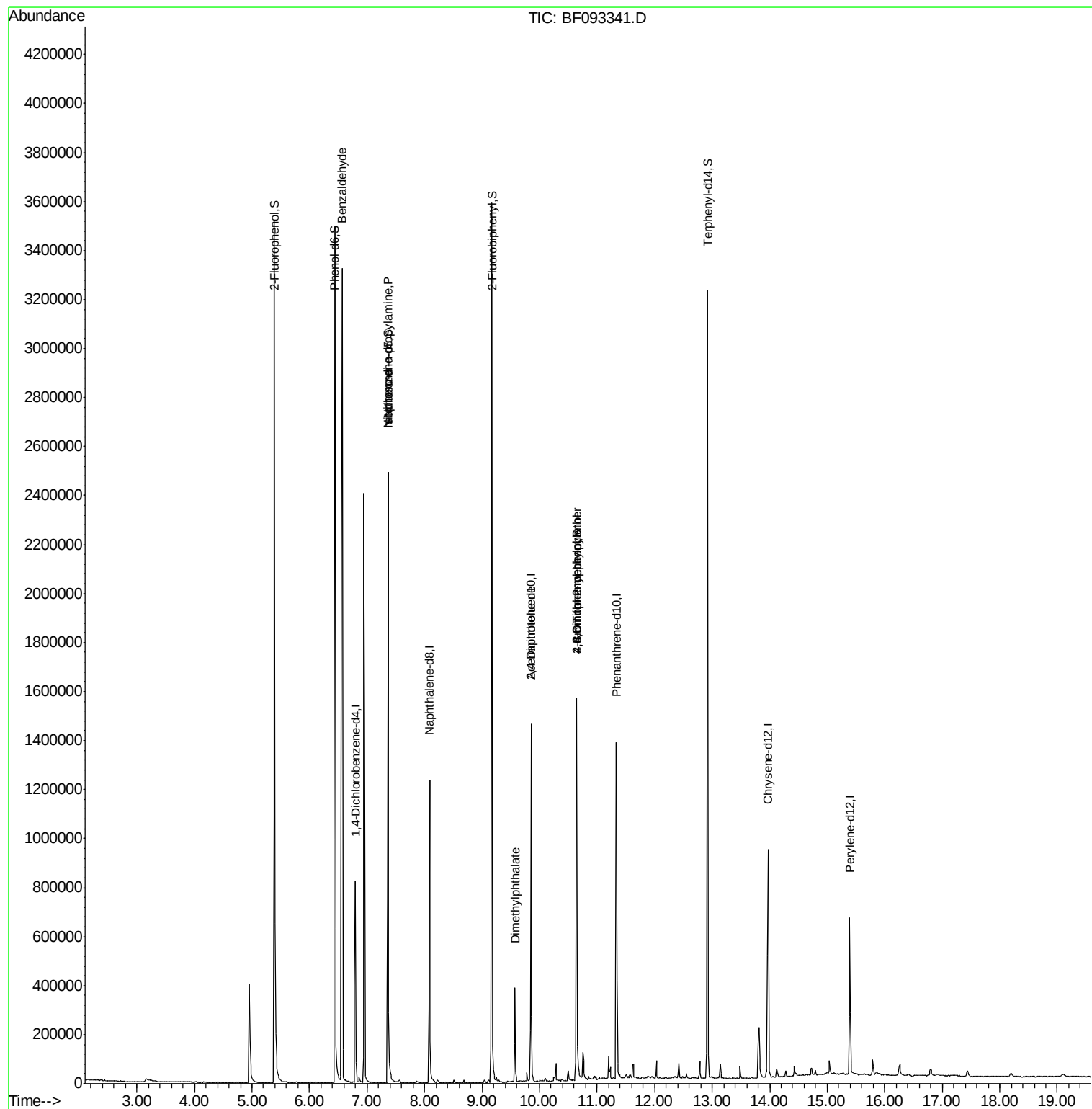
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149050	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	599758	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	286110	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	529837	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	386871	20.00	ng	-0.01
86) Perylene-d12	15.39	264	266736	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1075731	123.82	ng	0.00
7) Phenol-d6	6.44	99	1306436	116.87	ng	-0.01
23) Nitrobenzene-d5	7.37	82	884026	82.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	264763	127.95	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1405955	89.03	ng	0.00
78) Terphenyl-d14	12.92	244	1191056	72.34	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	24054	3.00	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.37	70	117230	16.47	ng	# 79
25) Isophorone	7.37	82	701602	34.96	ng	# 65
49) Dimethylphthalate	9.57	163	181276	9.41	ng	99
56) 2,4-Dinitrotoluene	9.85	165	37027	6.68	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.65	198	718	2.88	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	20108	3.63	ng	# 1

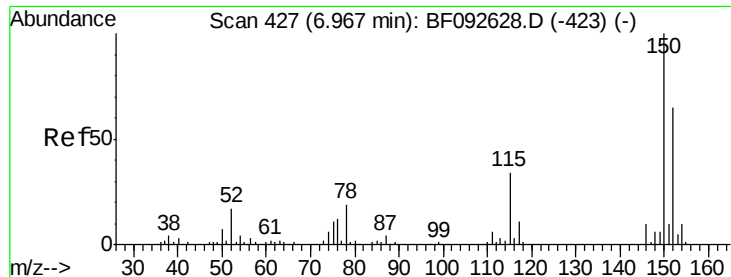
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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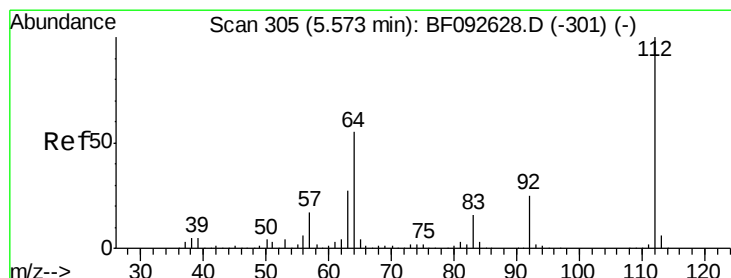
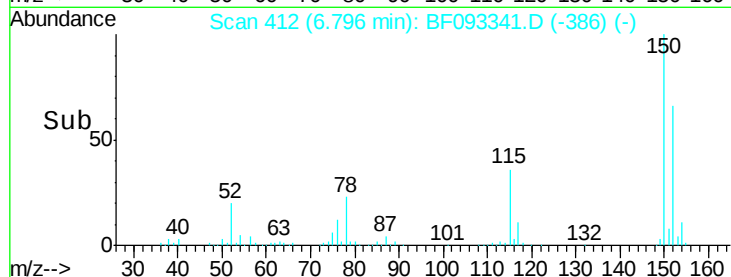
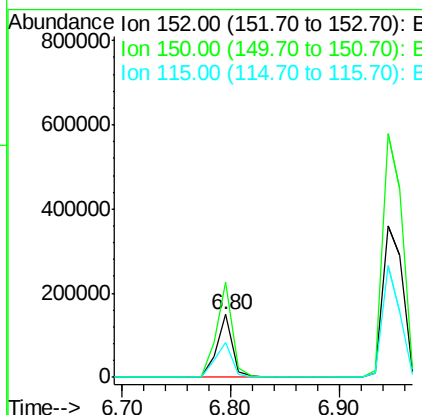
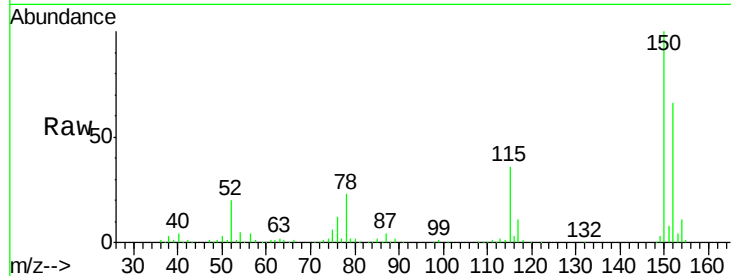




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF093341.D
 Acq: 3 Mar 2017 00:40

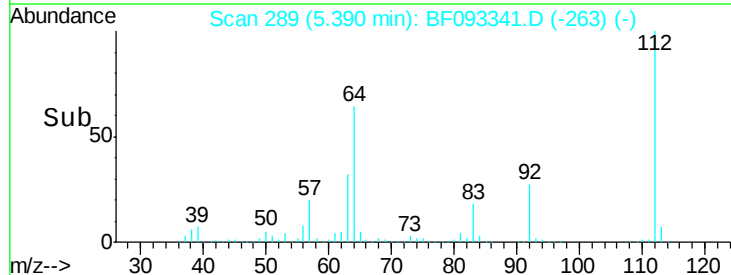
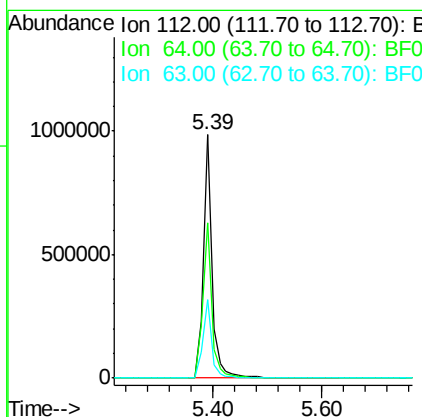
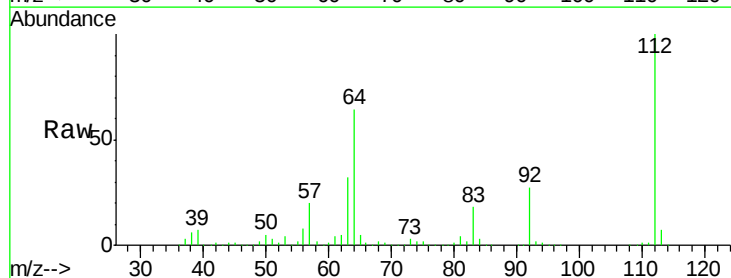
Instrument :
 BNA_F
 ClientSampleId :
 13B-12

Tgt Ion:152 Resp: 149050
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.9 187.3
 115 54.8 46.0 69.0



#5
 2-Fluorophenol
 Concen: 123.82 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: BF093341.D
 Acq: 3 Mar 2017 00:40

Tgt Ion:112 Resp: 1075731
 Ion Ratio Lower Upper
 112 100
 64 63.9 46.1 69.1
 63 32.4 23.8 35.6





#7

Phenol-d6

Concen: 116.87 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093341.D

Acq: 3 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

13B-12

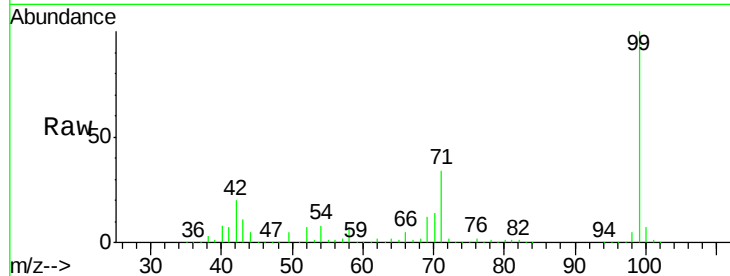
Tgt Ion: 99 Resp: 1306436

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

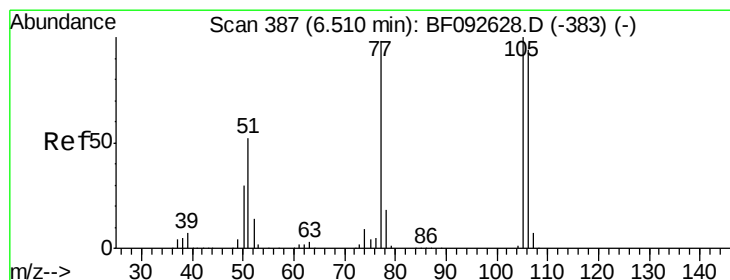
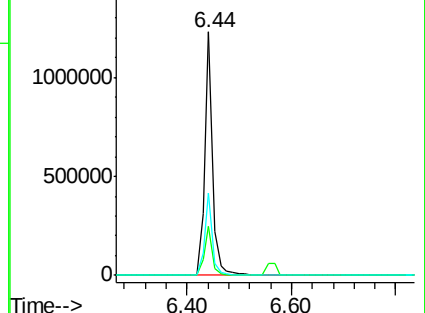
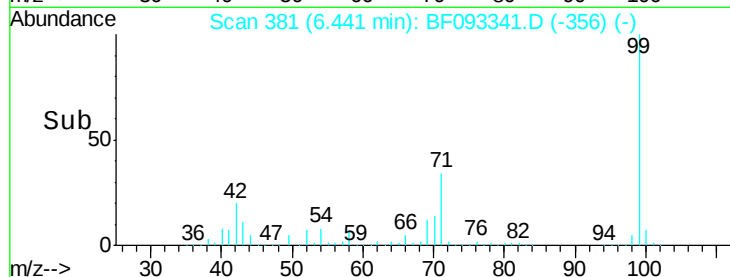
71 33.6 27.5 41.3



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: 3.00 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.23 min

Lab File: BF093341.D

Acq: 3 Mar 2017 00:40

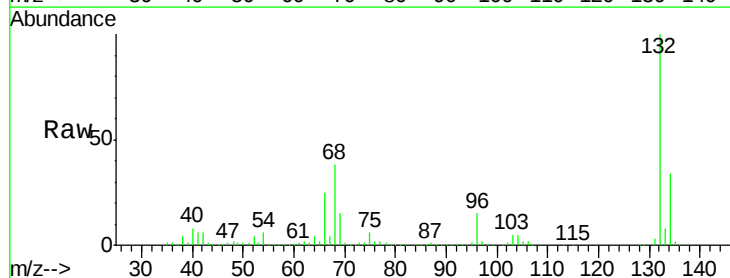
Tgt Ion: 77 Resp: 24054

Ion Ratio Lower Upper

77 100

105 87.3 83.9 123.9

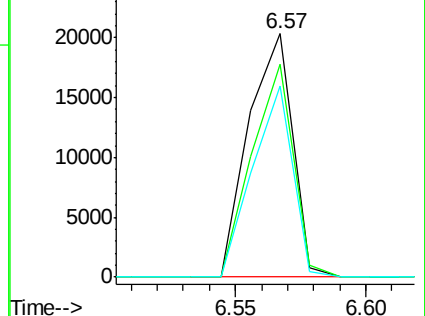
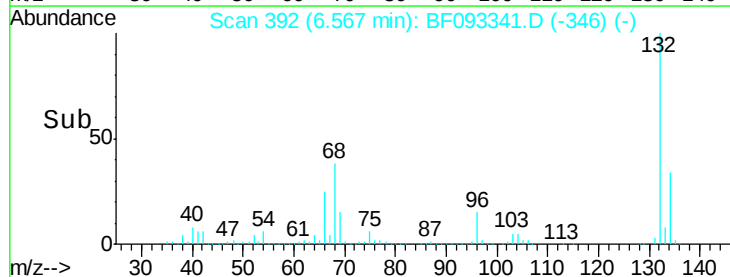
106 78.6 77.6 117.6

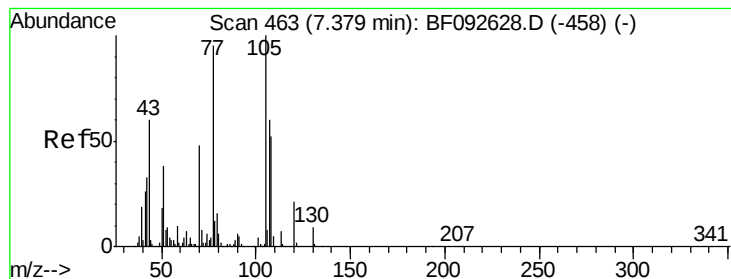


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 16.47 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.15 min

Lab File: BF093341.D

Acq: 3 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

13B-12

Tgt Ion: 70 Resp: 117230

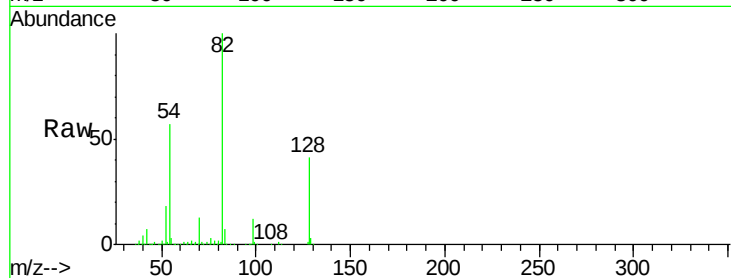
Ion Ratio Lower Upper

70 100

42 49.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

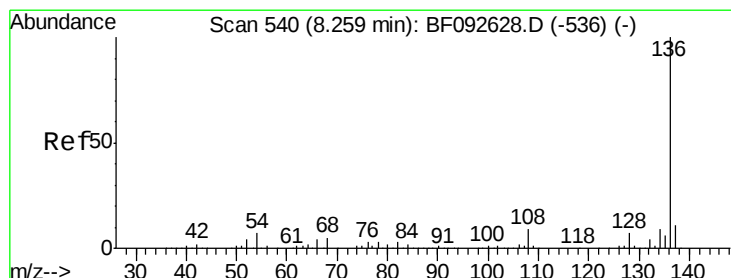
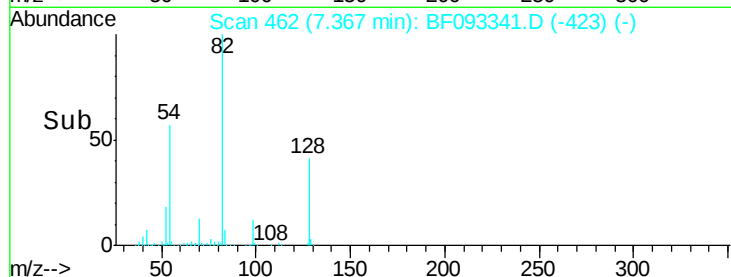
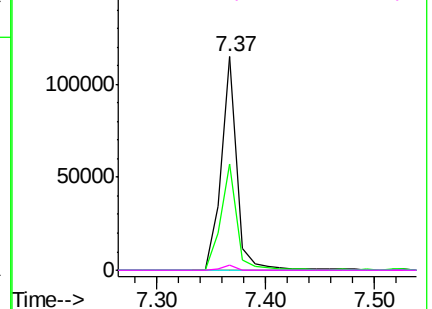


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093341.D

Acq: 3 Mar 2017 00:40

Tgt Ion: 136 Resp: 599758

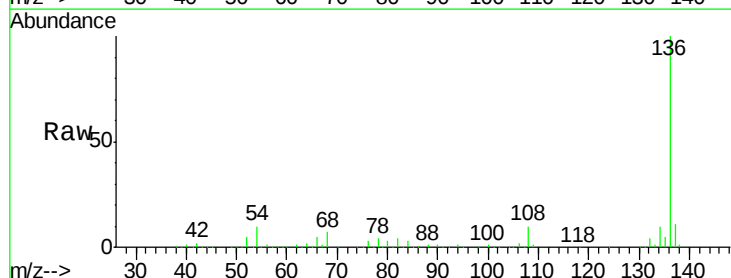
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.7 4.5 6.7#

68 7.1 3.6 5.4#

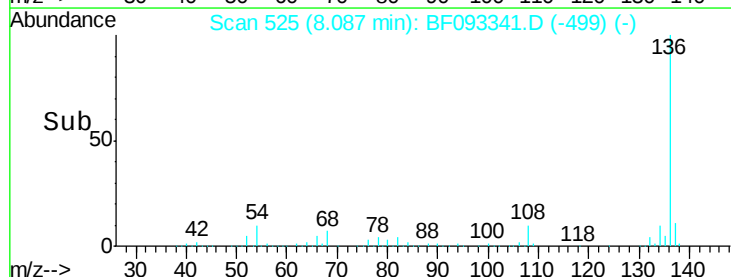
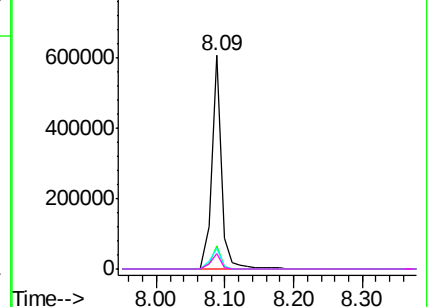


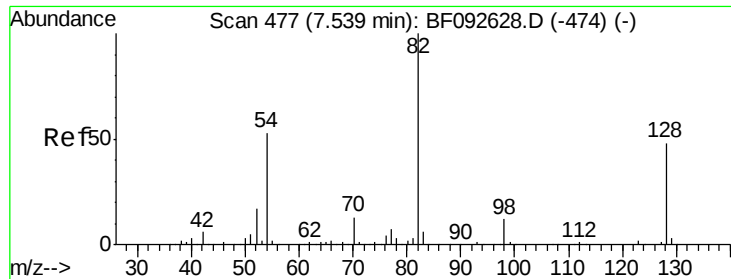
Abundance Ion 136.00 (135.70 to 136.70): E

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

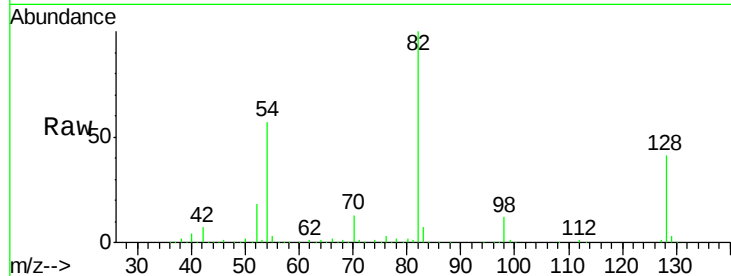




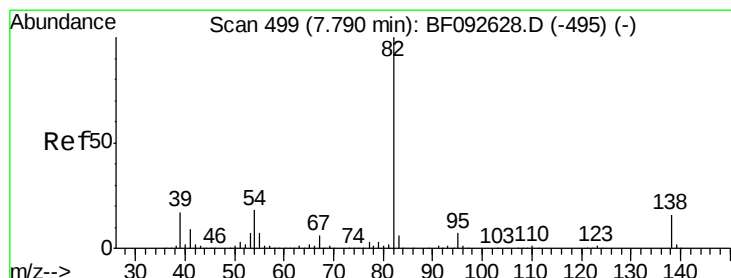
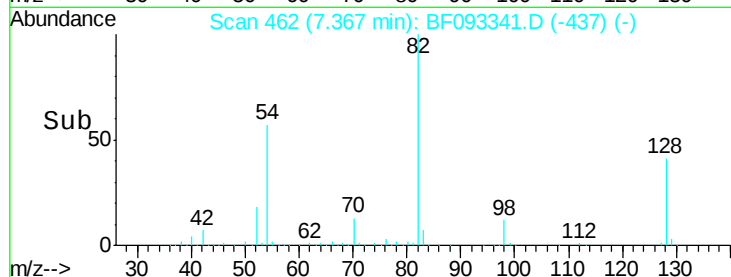
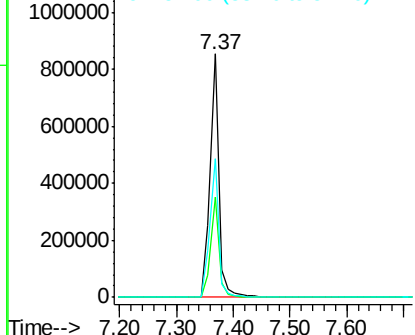
#23
 Nitrobenzene-d5
 Concen: 82.08 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF093341.D
 Acq: 3 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 13B-12

Tgt Ion: 82 Resp: 884026
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 52.0
 54 56.8 39.5 59.3

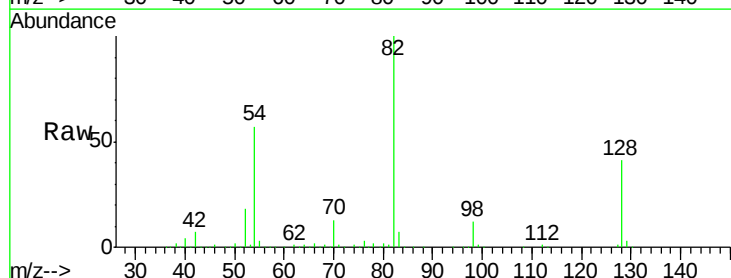


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

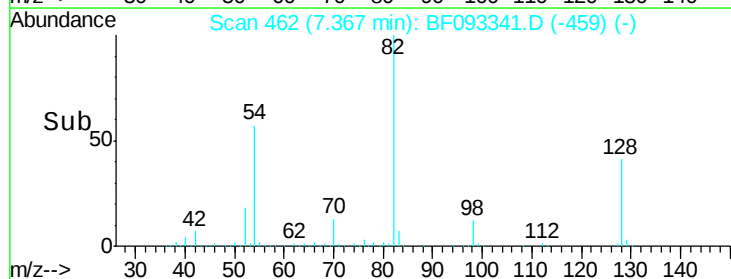
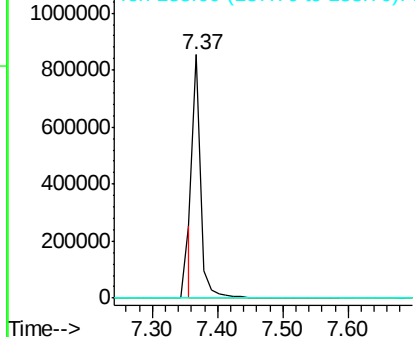


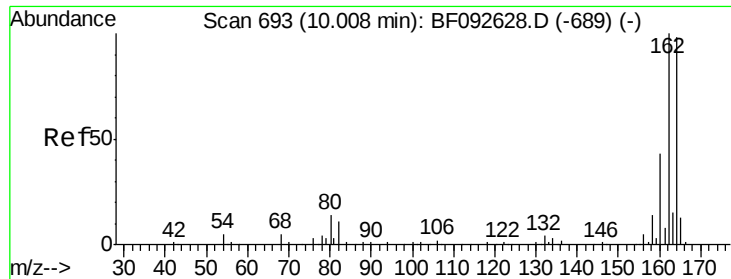
#25
 Isophorone
 Concen: 34.96 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.26 min
 Lab File: BF093341.D
 Acq: 3 Mar 2017 00:40

Tgt Ion: 82 Resp: 701602
 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

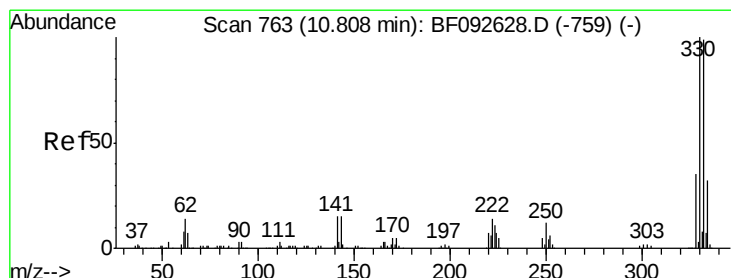
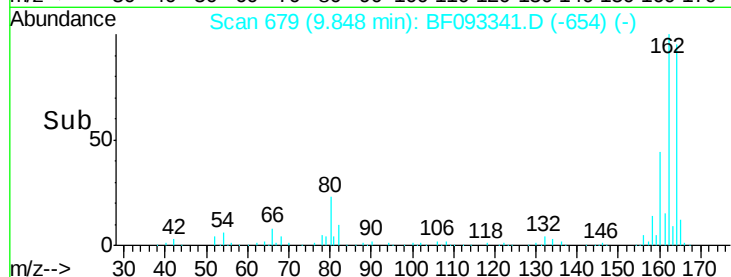
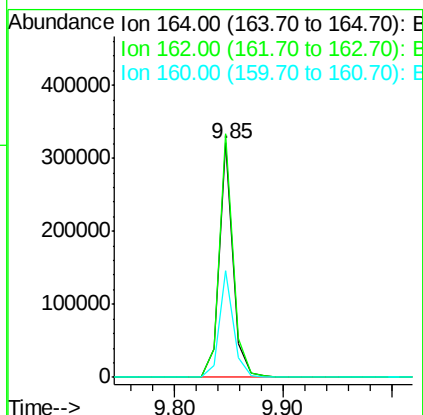
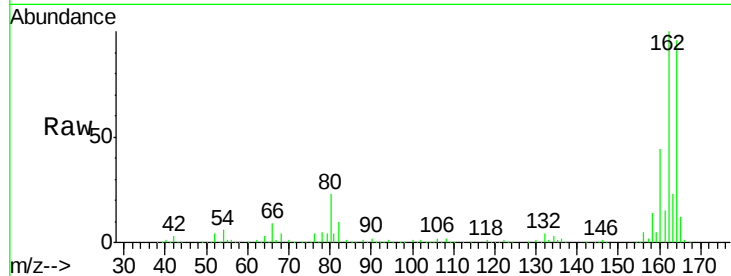




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF093341.D
 Acq: 3 Mar 2017 00:40

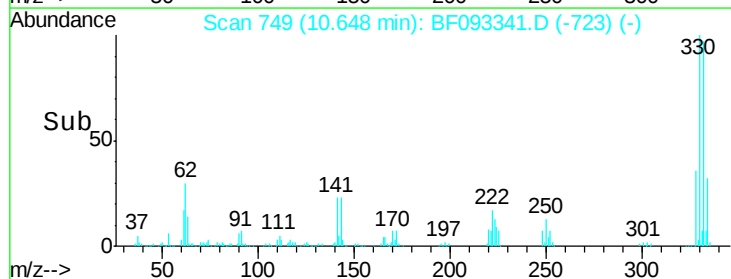
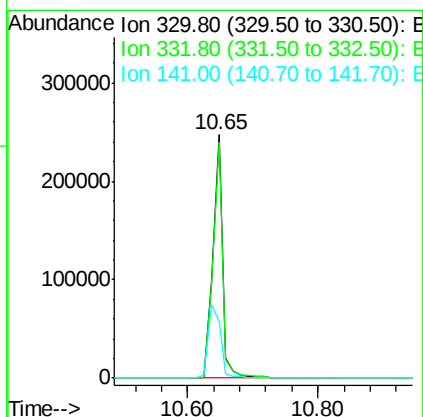
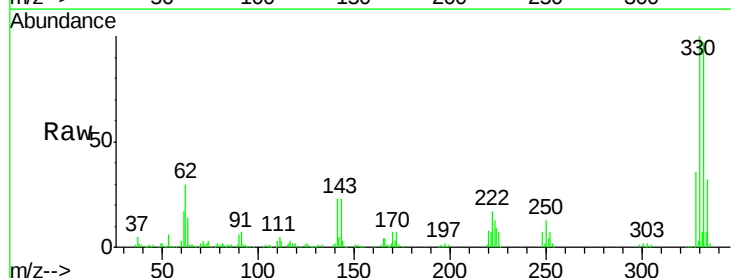
Instrument :
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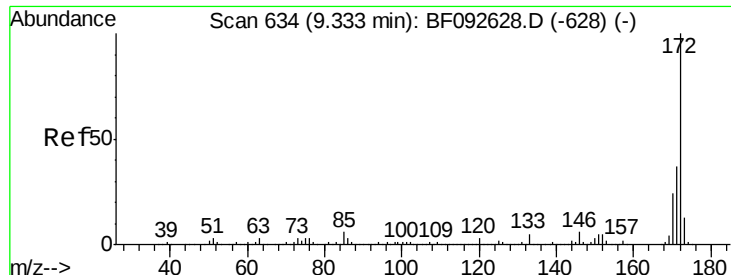
Tgt Ion:164 Resp: 286110
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.2 120.2
 160 45.5 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 127.95 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF093341.D
 Acq: 3 Mar 2017 00:40

Tgt Ion:330 Resp: 264763
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 37.7 34.1 51.1

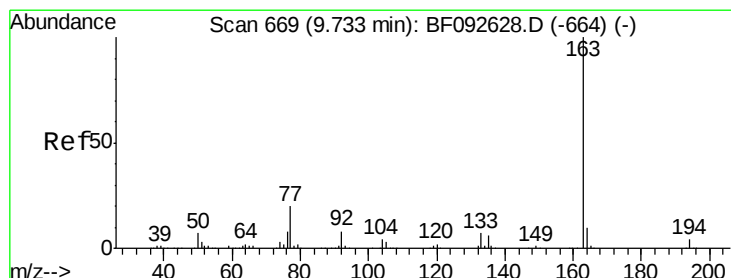
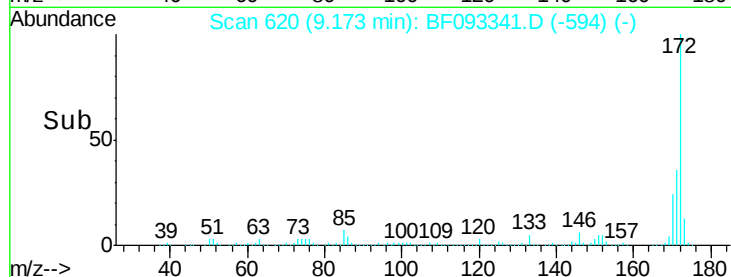
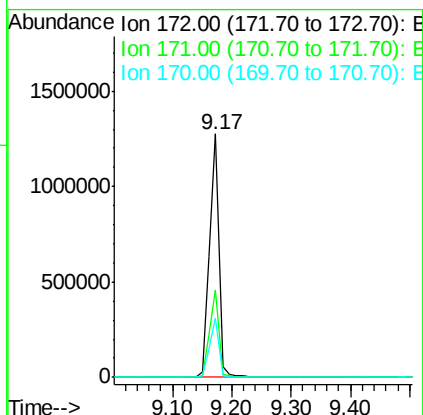
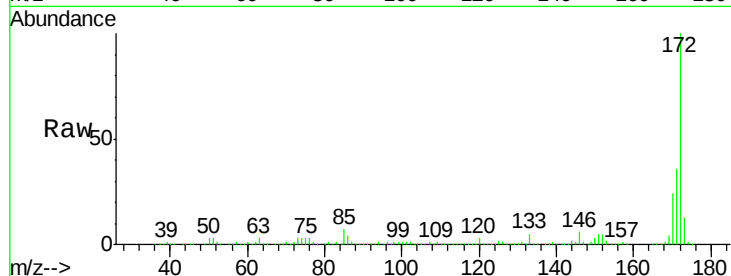




#44
 2-Fluorobiphenyl
 Concen: 89.03 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093341.D
 Acq: 3 Mar 2017 00:40

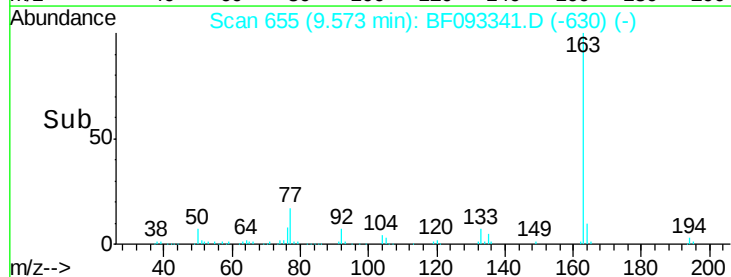
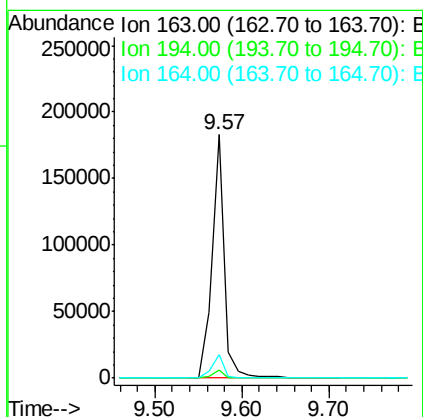
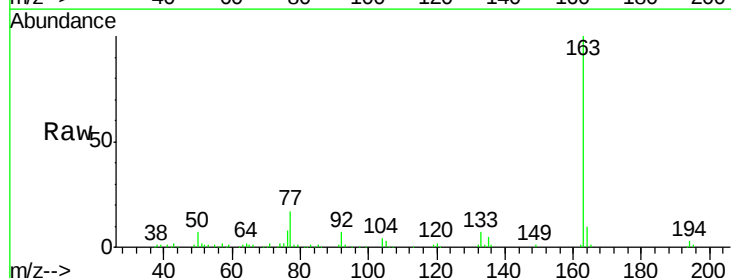
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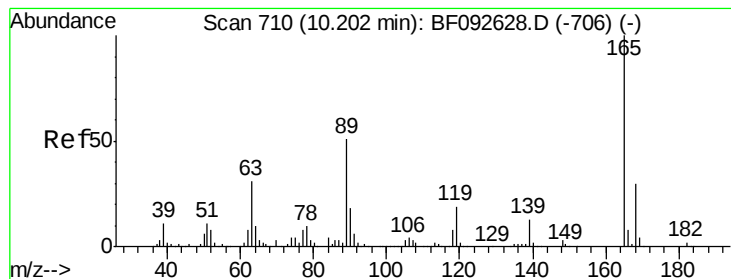
Tgt Ion:172 Resp: 1405955
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.5 20.2 30.4



#49
 Dimethylphthalate
 Concen: 9.41 ng
 RT: 9.57 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF093341.D
 Acq: 3 Mar 2017 00:40

Tgt Ion:163 Resp: 181276
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.4
 164 9.7 8.0 12.0





#56

2,4-Dinitrotoluene

Concen: 6.68 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.22 min

Lab File: BF093341.D

Acq: 3 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

13B-12

Tgt Ion:165 Resp: 37027

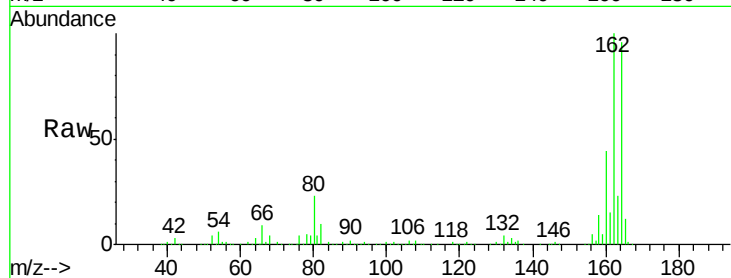
Ion Ratio Lower Upper

165 100

63 1.5 40.2 60.4#

89 1.0 62.5 93.7#

182 0.0 1.8 2.8#

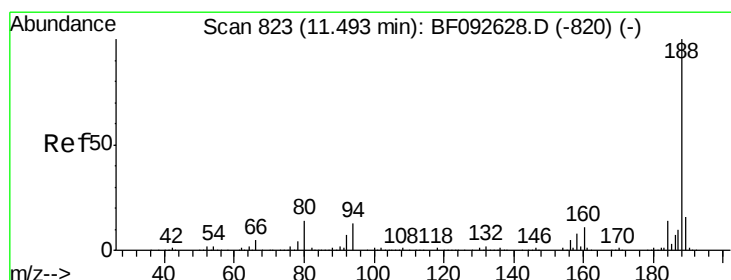
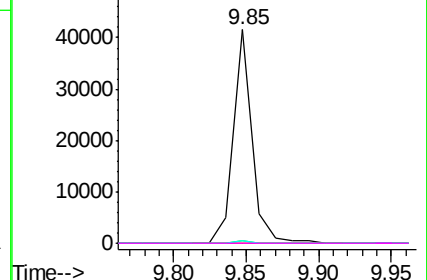
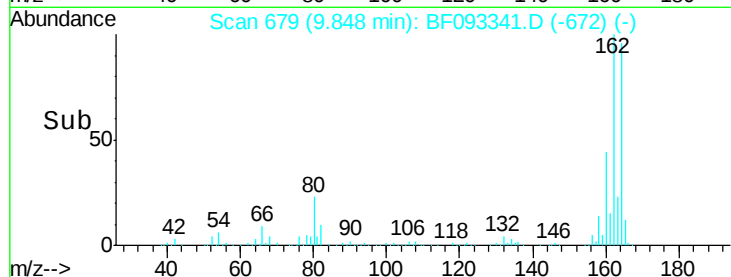


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF093341.D

Acq: 3 Mar 2017 00:40

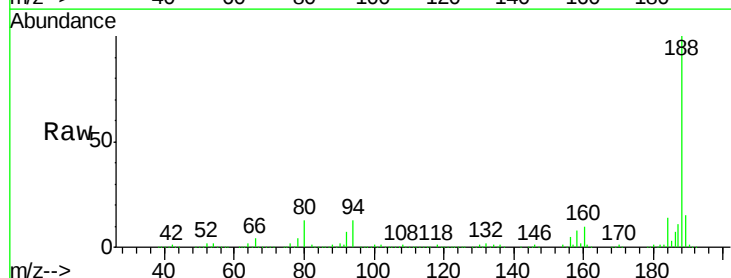
Tgt Ion:188 Resp: 529837

Ion Ratio Lower Upper

188 100

94 12.6 10.0 15.0

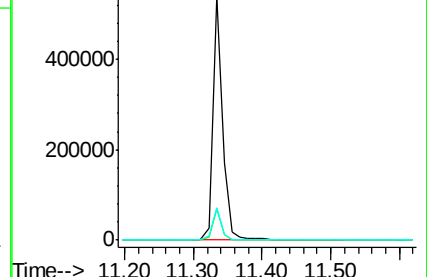
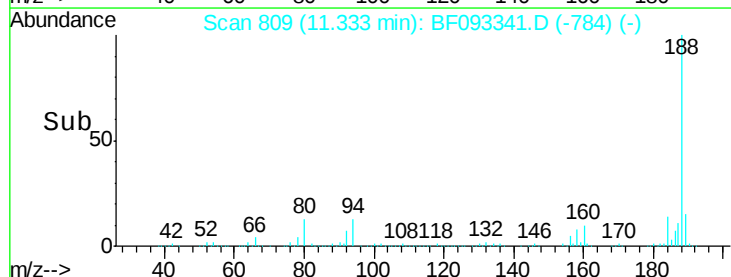
80 13.4 11.2 16.8

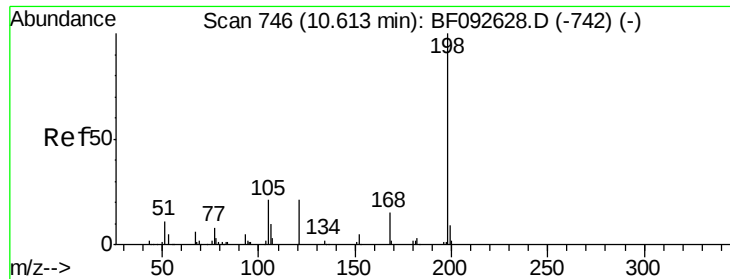


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.88 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.17 min

Lab File: BF093341.D

Acq: 3 Mar 2017 00:40

Instrument :

BNA_F

ClientSampled :

13B-12

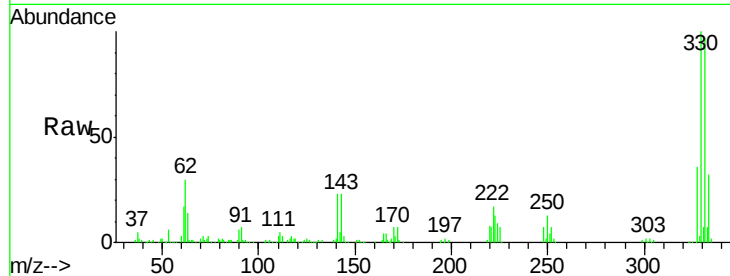
Tgt Ion:198 Resp: 718

Ion Ratio Lower Upper

198 100

51 115.8 6.7 46.7#

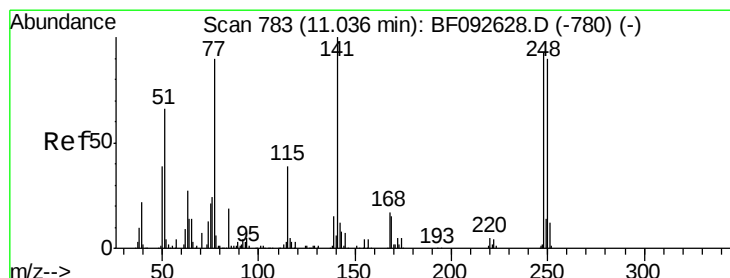
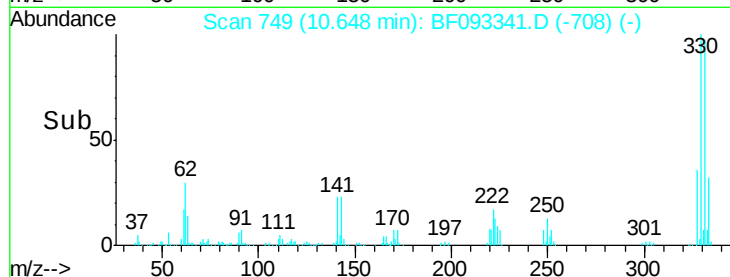
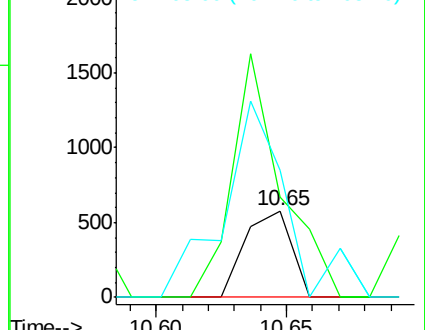
105 147.9 16.6 56.6#



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: 3.63 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.24 min

Lab File: BF093341.D

Acq: 3 Mar 2017 00:40

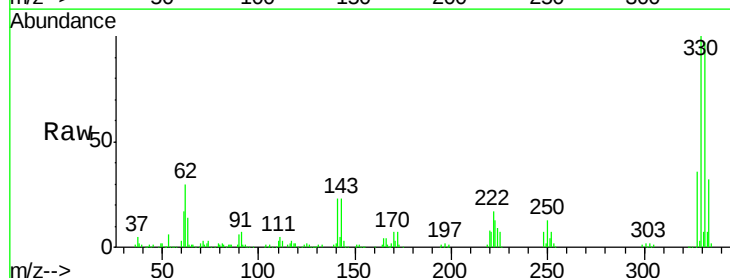
Tgt Ion:248 Resp: 20108

Ion Ratio Lower Upper

248 100

250 191.2 76.9 115.3#

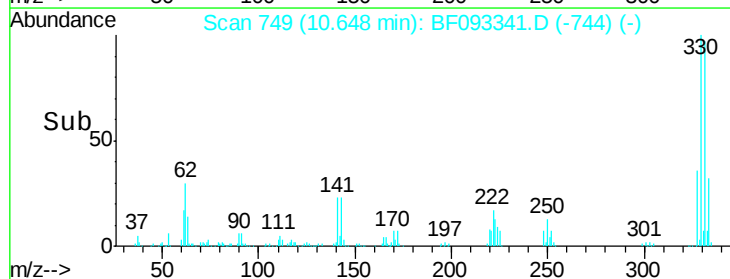
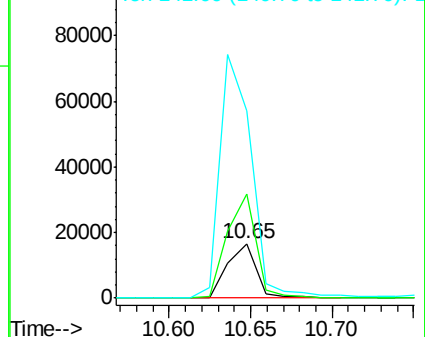
141 346.7 68.2 102.4#

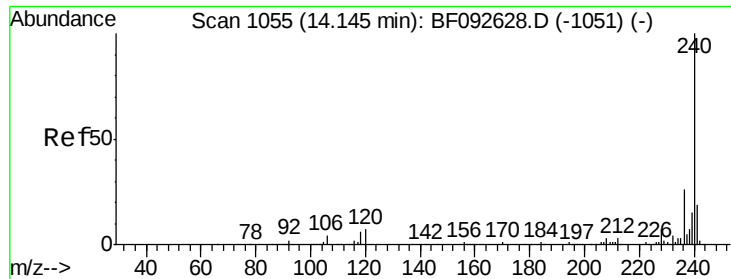


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF093341.D

Acq: 3 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

13B-12

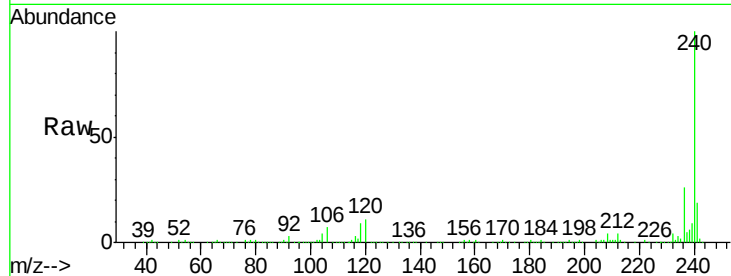
Tgt Ion:240 Resp: 386871

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

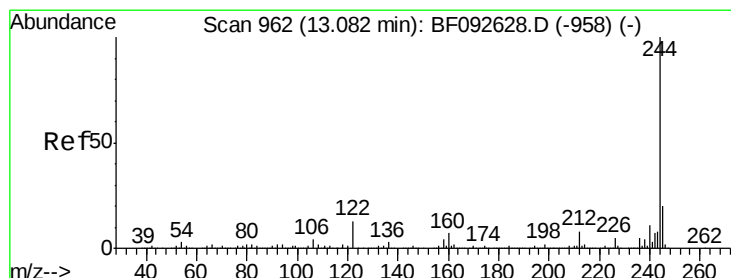
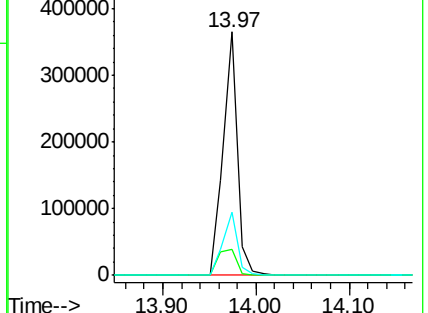
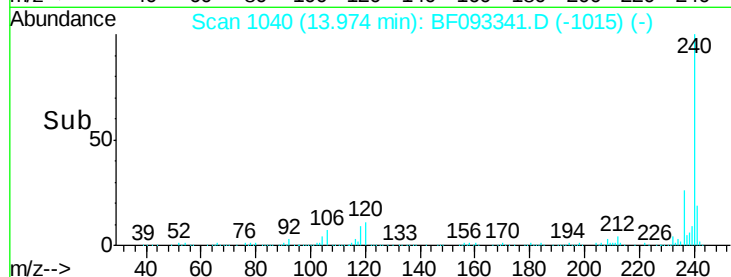
236 26.1 20.9 31.3



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: 72.34 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF093341.D

Acq: 3 Mar 2017 00:40

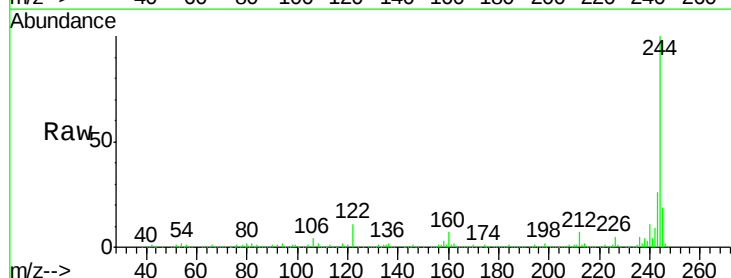
Tgt Ion:244 Resp: 1191056

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

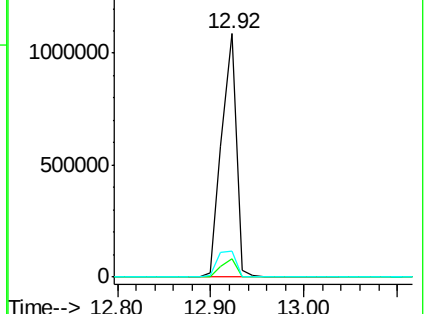
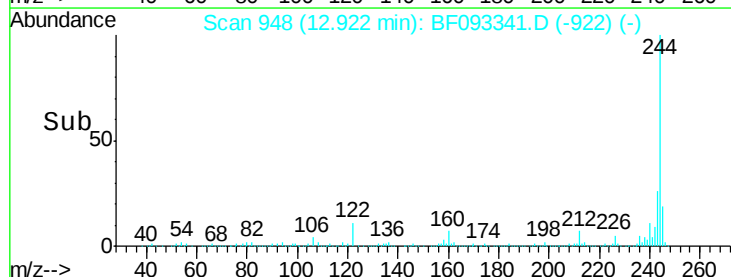
122 10.7 11.4 17.2#

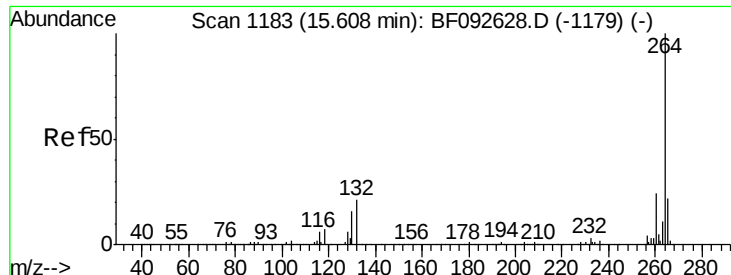


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

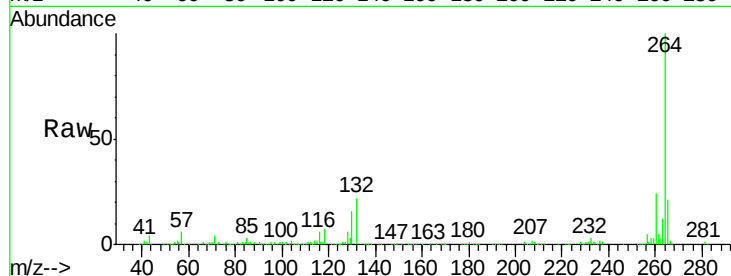




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF093341.D
Acq: 3 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
13B-12

Tgt Ion: 264 Resp: 266736
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.2 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

