

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093612.D
 Acq On : 13 Mar 2017 17:29
 Operator : SJ/MA
 Sample : I2174-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-71

Quant Time: Mar 14 01:03:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

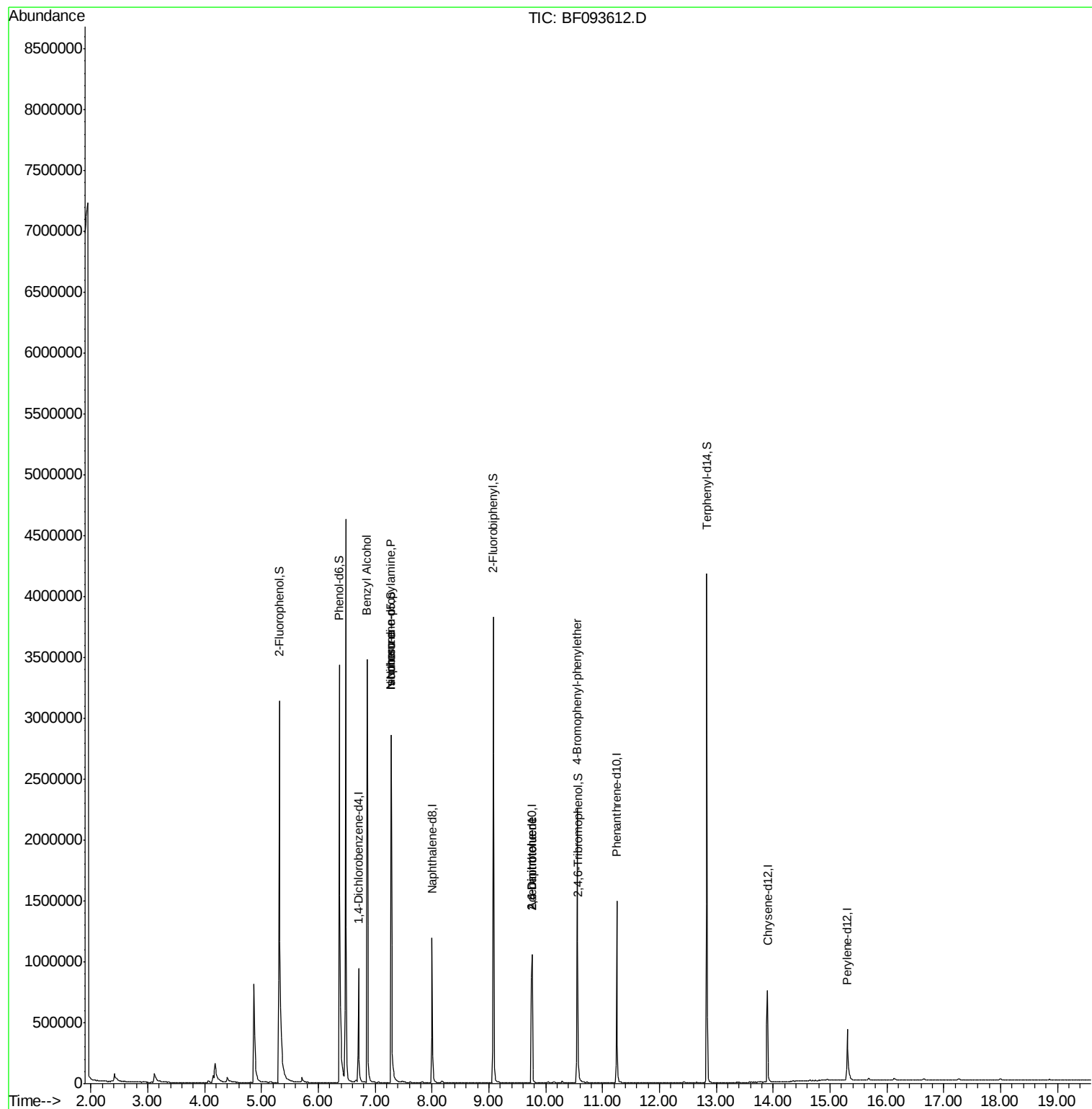
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	153022	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	625648	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	295535	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	558061	20.00	ng	0.00
75) Chrysene-d12	13.90	240	368047	20.00	ng	0.01
86) Perylene-d12	15.31	264	195132	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1309821	142.46	ng	0.00
7) Phenol-d6	6.37	99	1600502	138.04	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1095966	97.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	302083	156.89	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1633125	102.79	ng	-0.01
78) Terphenyl-d14	12.84	244	1357339	95.88	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2404	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	17347	2.10 ng	#	48
19) n-Nitroso-di-n-propylamine	7.28	70	143254	17.97 ng	#	85
25) Isophorone	7.28	82	1070782	47.09 ng	#	65
50) 2,6-Dinitrotoluene	9.76	165	37736	8.78 ng	#	31
56) 2,4-Dinitrotoluene	9.76	165	37738	7.15 ng	#	20
66) 4-Bromophenyl-phenylether	10.55	248	20905	3.54 ng	#	1

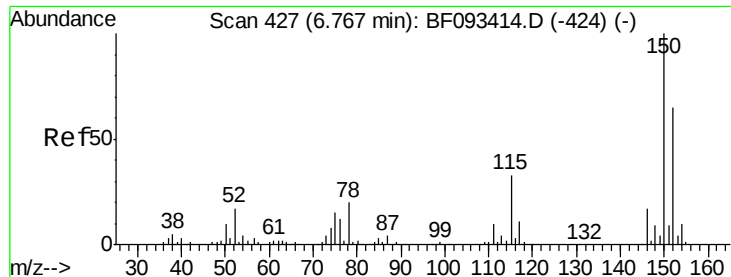
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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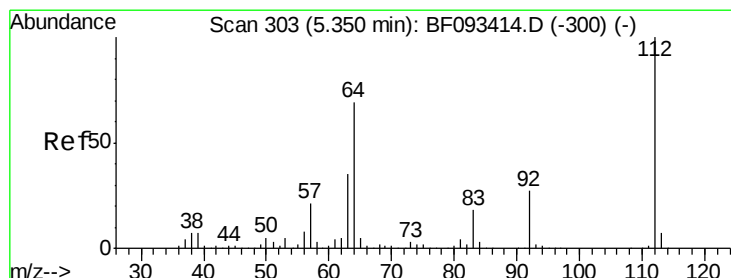
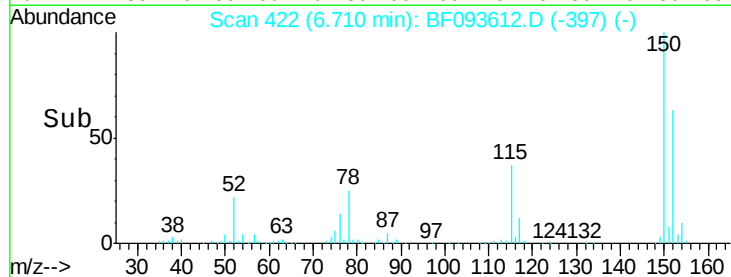
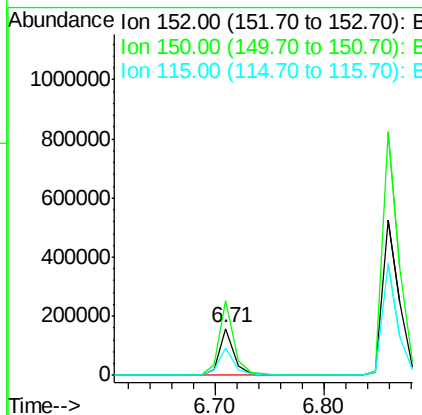
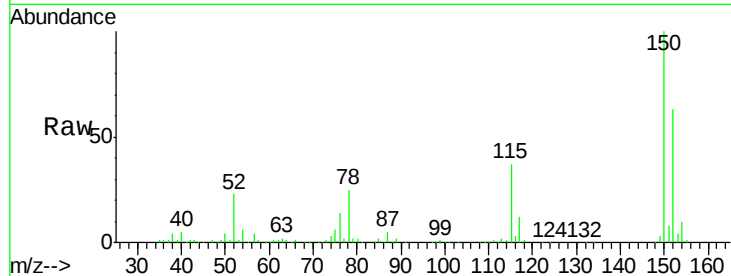


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF093612.D
 Acq: 13 Mar 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 D-71

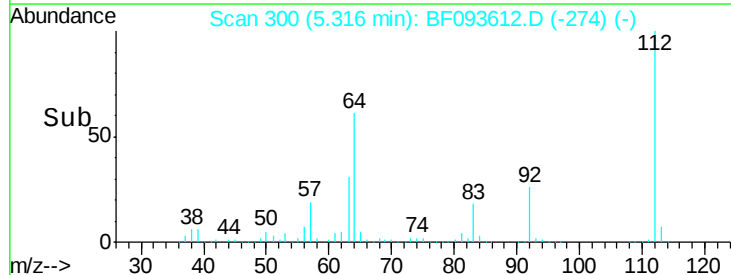
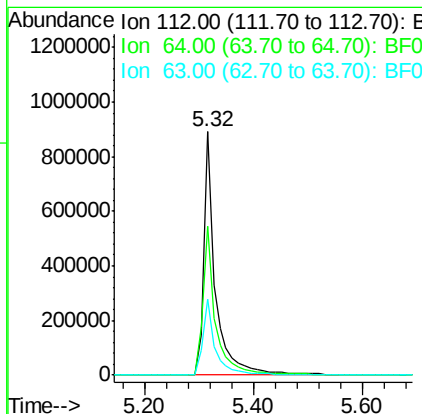
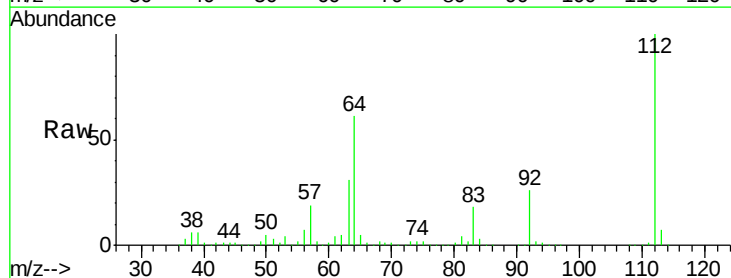
Tgt Ion:152 Resp: 153022
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.9 187.3
 115 58.3 46.0 69.0

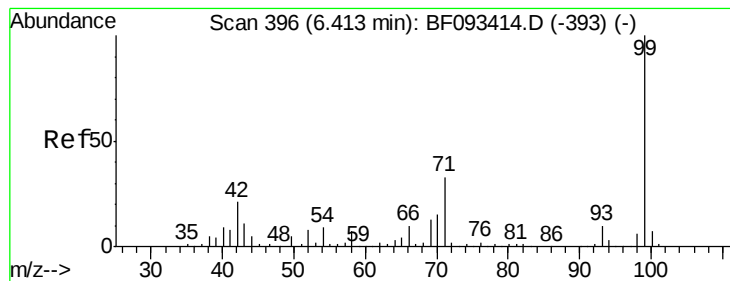


#5

2-Fluorophenol
 Concen: 142.46 ng
 RT: 5.32 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: BF093612.D
 Acq: 13 Mar 2017 17:29

Tgt Ion:112 Resp: 1309821
 Ion Ratio Lower Upper
 112 100
 64 61.4 46.1 69.1
 63 31.2 23.8 35.6





#7

Phenol-d6

Concen: 138.04 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093612.D

Acq: 13 Mar 2017 17:29

Instrument :

BNA_F

ClientSampled :

D-71

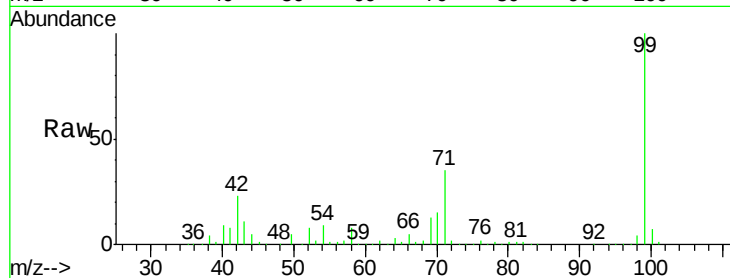
Tgt Ion: 99 Resp: 1600502

Ion Ratio Lower Upper

99 100

42 22.6 15.6 23.4

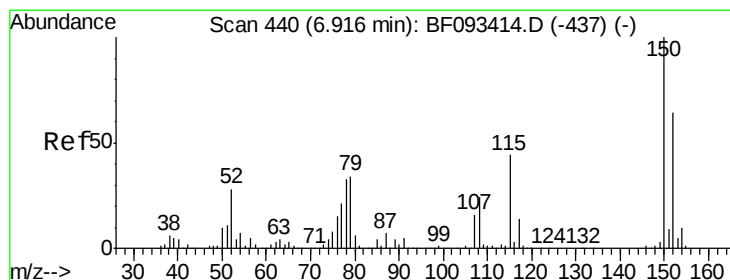
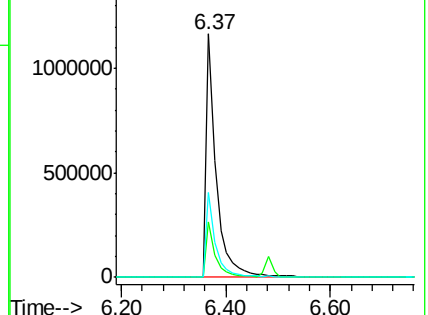
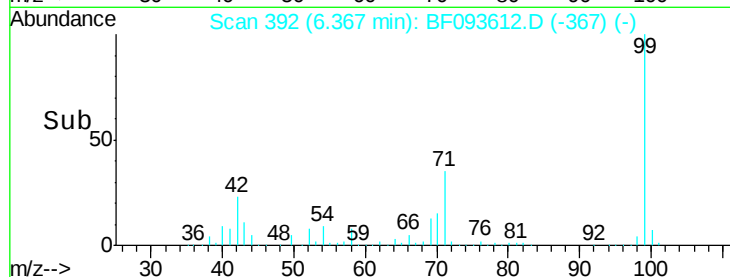
71 34.8 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF093612.D

Acq: 13 Mar 2017 17:29

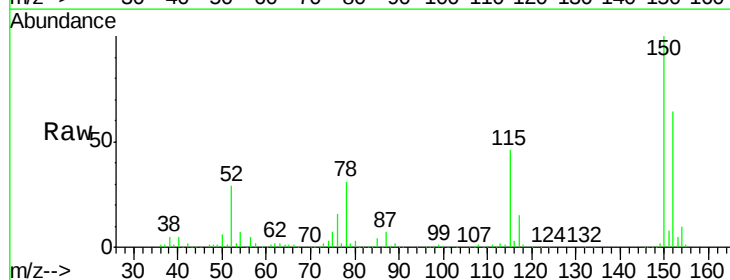
Tgt Ion: 79 Resp: 17347

Ion Ratio Lower Upper

79 100

108 26.3 61.4 92.0#

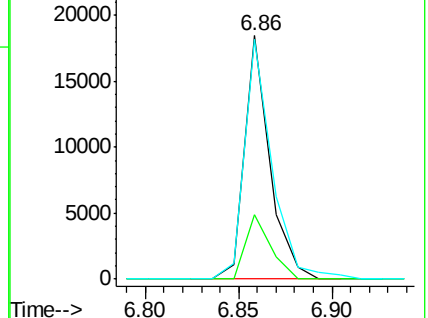
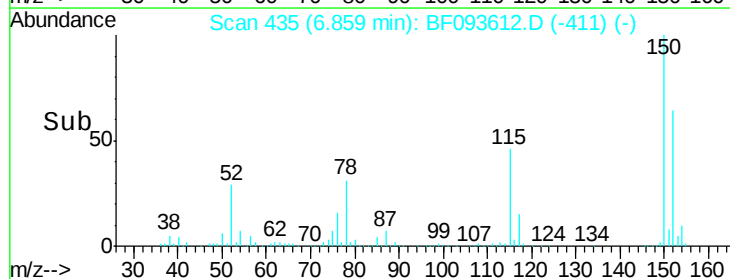
77 98.7 50.9 76.3#

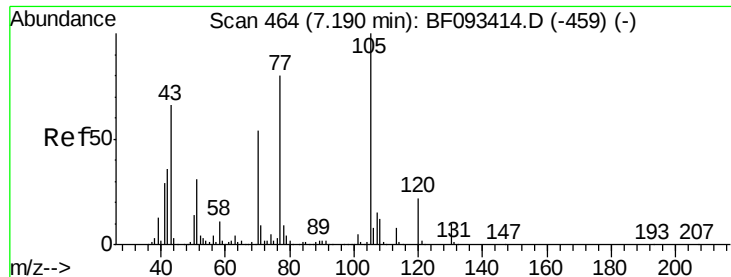


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

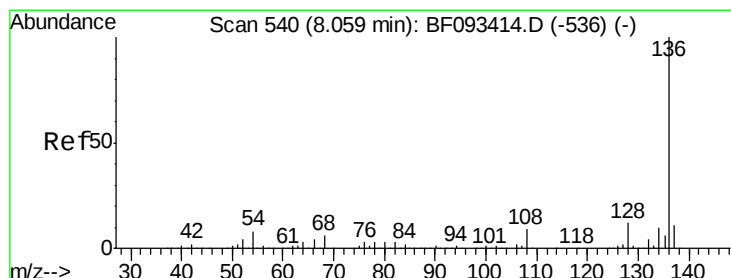
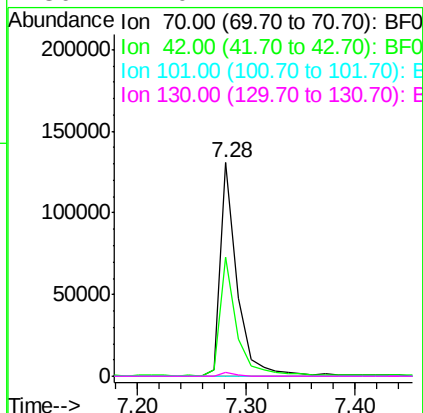
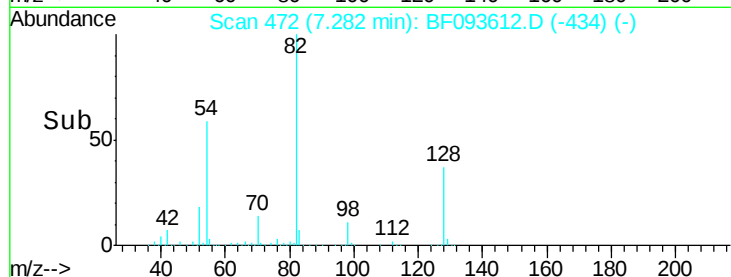
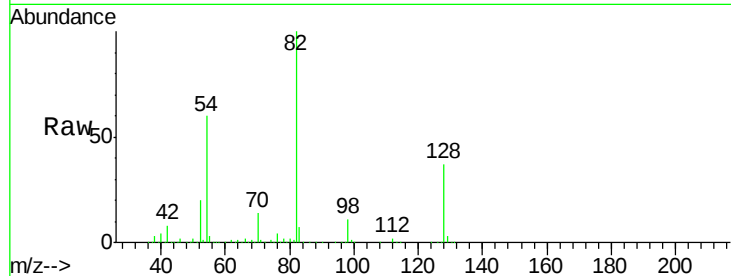




#19
n-Nitroso-di-n-propylamine
Concen: 17.97 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093612.D
Acq: 13 Mar 2017 17:29

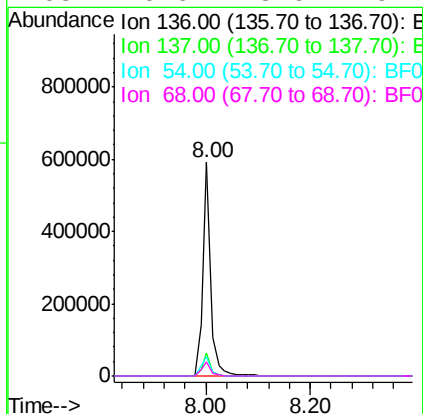
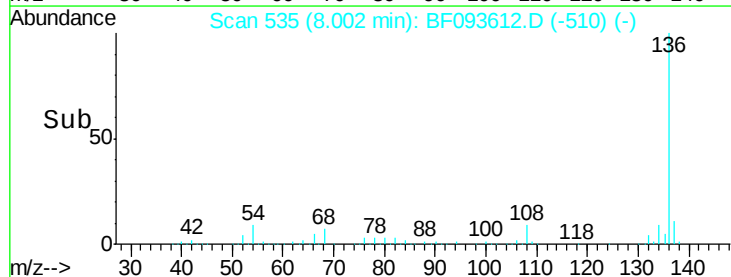
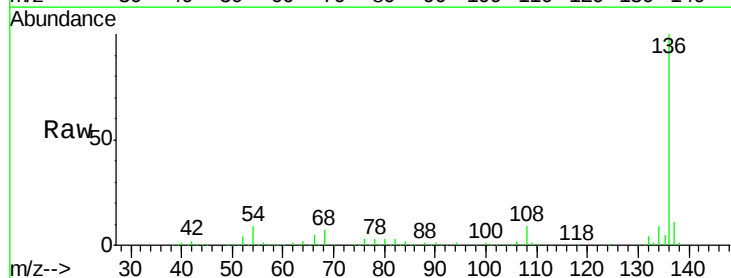
Instrument :
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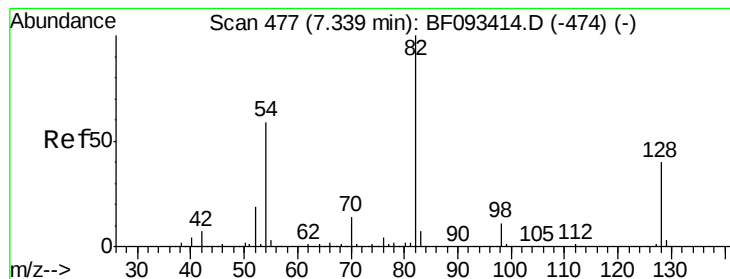
Tgt Ion: 70 Resp: 143254
Ion Ratio Lower Upper
70 100
42 55.8 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093612.D
Acq: 13 Mar 2017 17:29

Tgt Ion: 136 Resp: 625648
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.2 4.5 6.7#
68 6.6 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 97.19 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF093612.D

Acq: 13 Mar 2017 17:29

Instrument :

BNA_F

ClientSampleId :

D-71

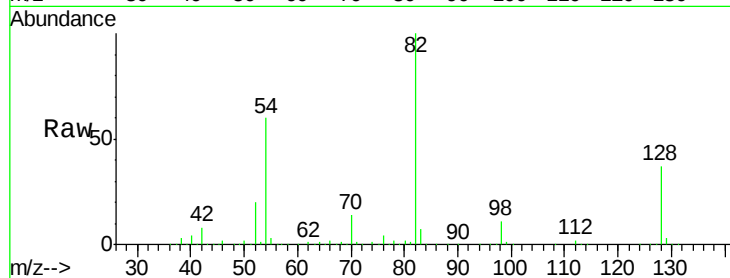
Tgt Ion: 82 Resp: 1095966

Ion Ratio Lower Upper

82 100

128 37.4 34.6 52.0

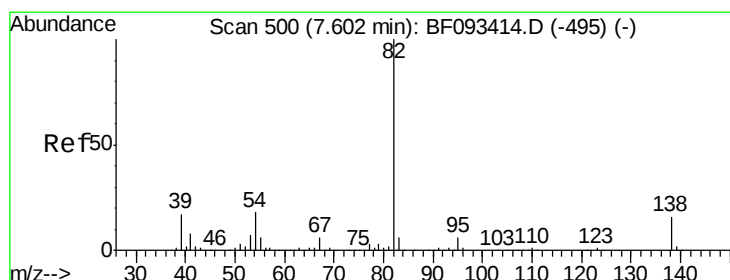
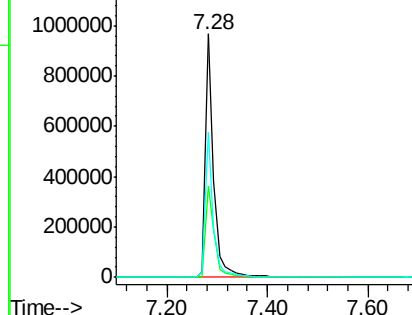
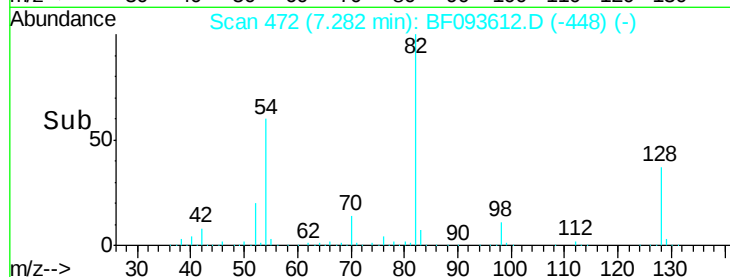
54 59.7 39.5 59.3#



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: 47.09 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF093612.D

Acq: 13 Mar 2017 17:29

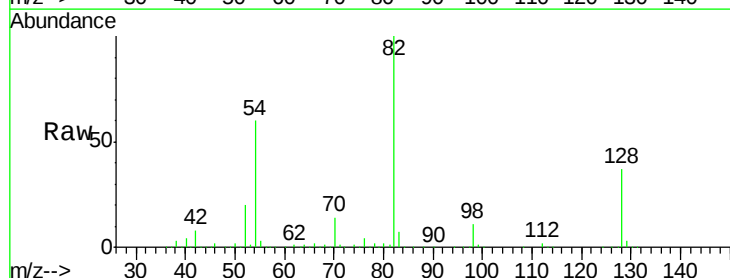
Tgt Ion: 82 Resp: 1070782

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

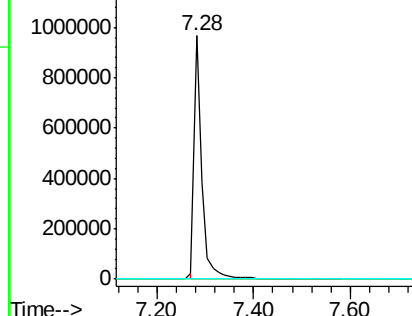
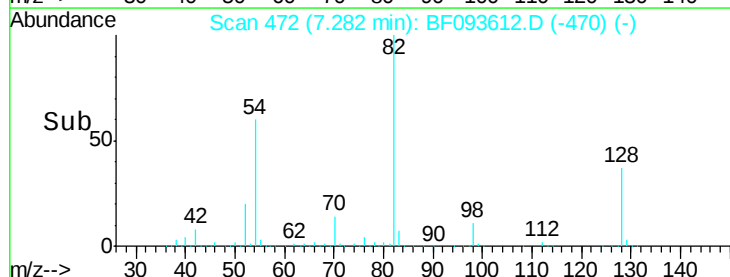
138 0.0 14.6 22.0#

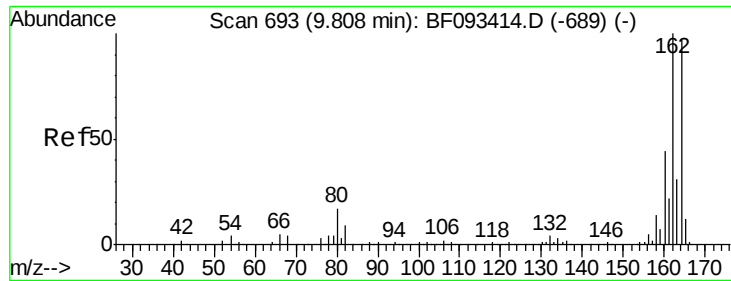


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

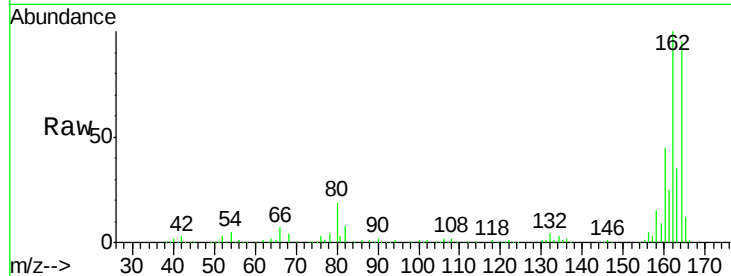




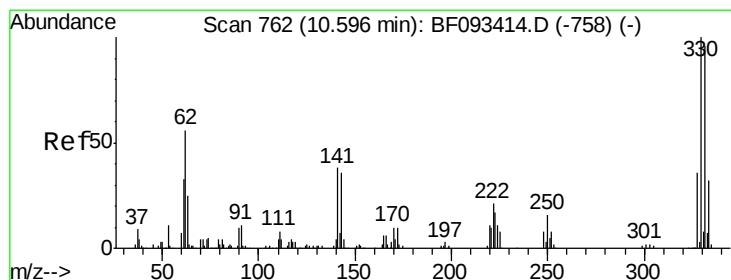
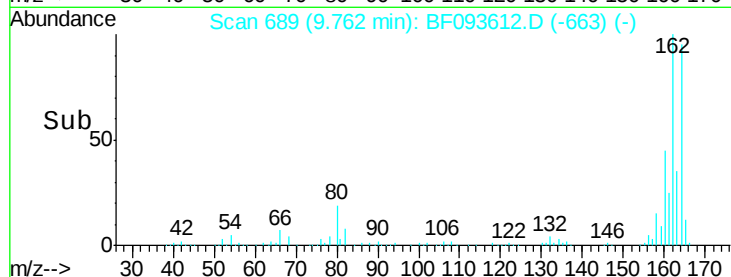
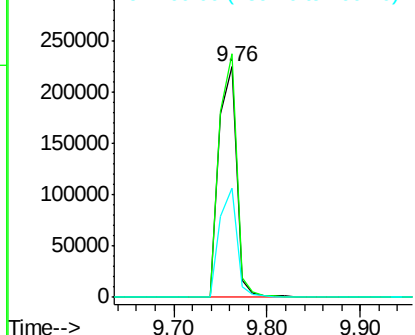
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093612.D
 Acq: 13 Mar 2017 17:29

Instrument :
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Tgt Ion:164 Resp: 295535
 Ion Ratio Lower Upper
 164 100
 162 105.5 80.2 120.2
 160 47.4 36.9 55.3

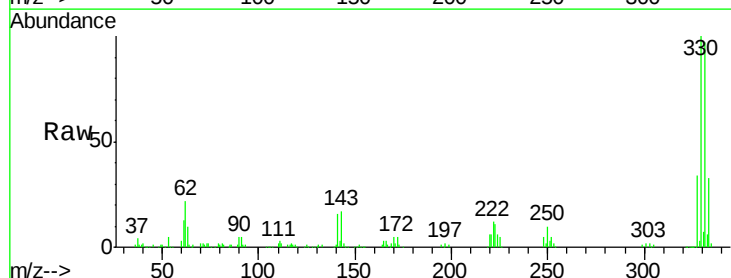


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

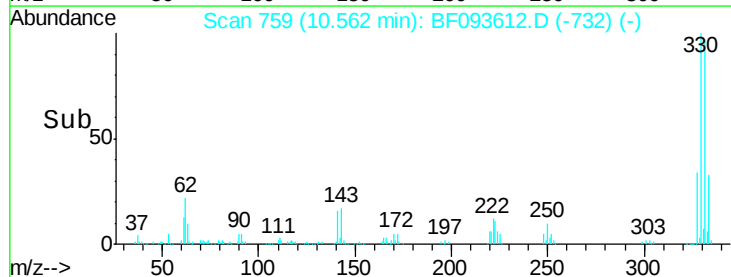
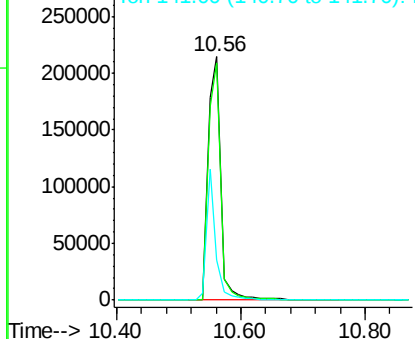


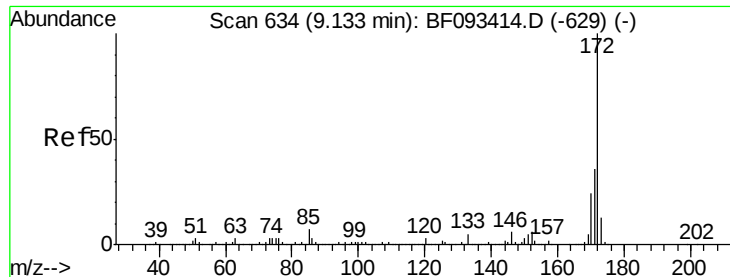
#41
 2,4,6-Tribromophenol
 Concen: 156.89 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093612.D
 Acq: 13 Mar 2017 17:29

Tgt Ion:330 Resp: 302083
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 40.3 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

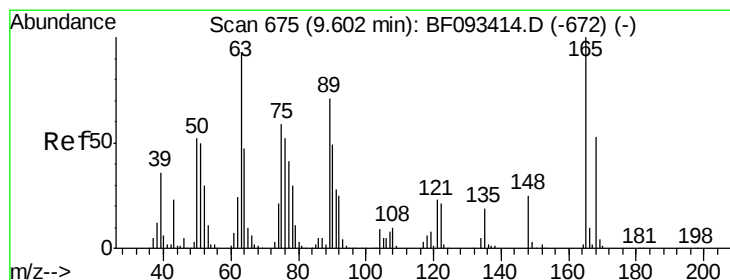
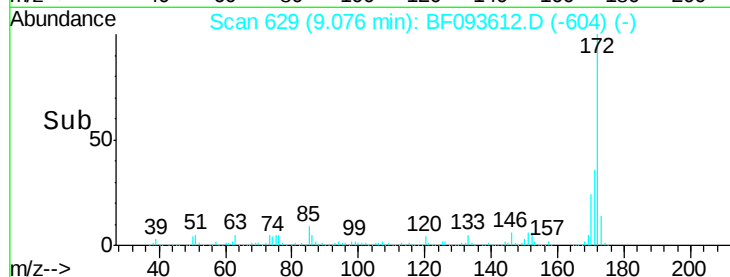
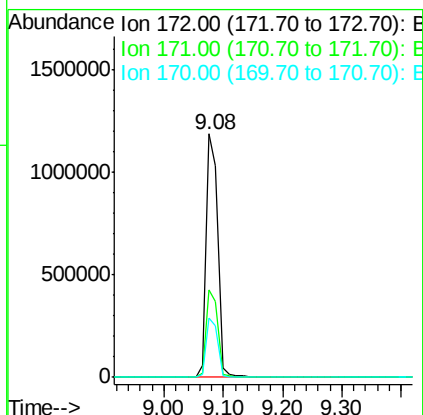
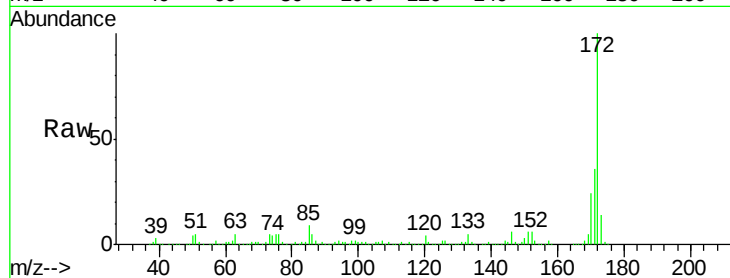




#44
 2-Fluorobiphenyl
 Concen: 102.79 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093612.D
 Acq: 13 Mar 2017 17:29

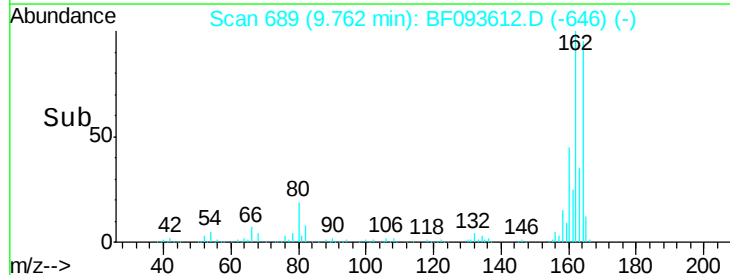
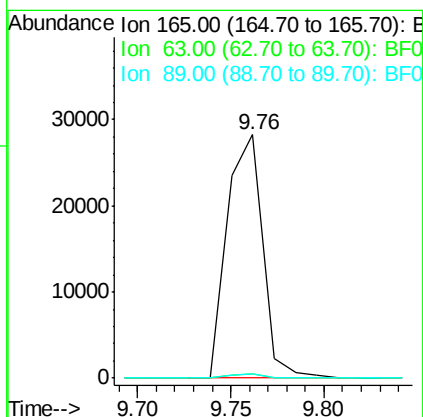
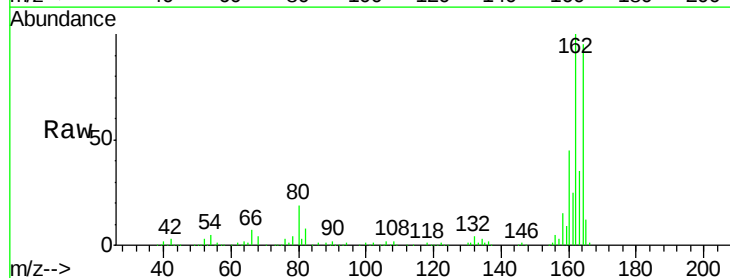
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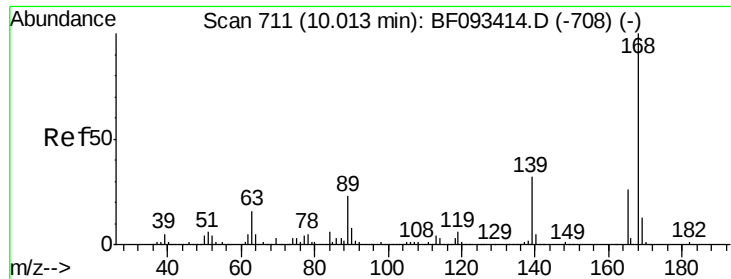
Tgt Ion:172 Resp: 1633125
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.4 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 8.78 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.19 min
 Lab File: BF093612.D
 Acq: 13 Mar 2017 17:29

Tgt Ion:165 Resp: 37736
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.2 54.4#
 89 1.5 40.2 60.4#

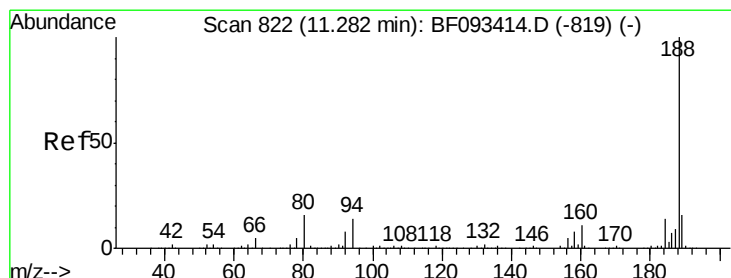
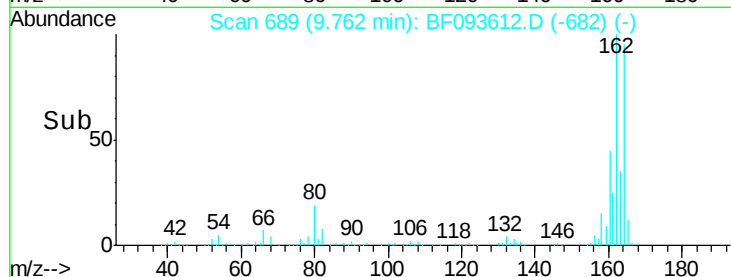
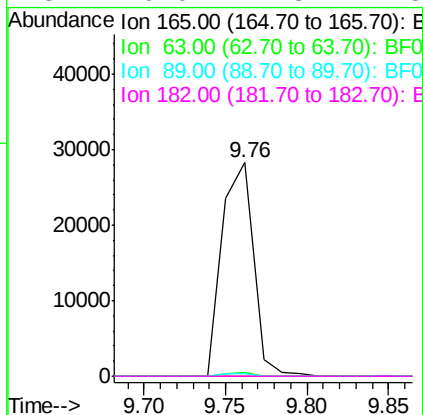
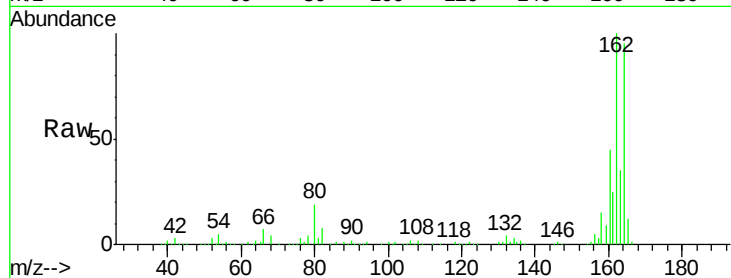




#56
 2,4-Dinitrotoluene
 Concen: 7.15 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.22 min
 Lab File: BF093612.D
 Acq: 13 Mar 2017 17:29

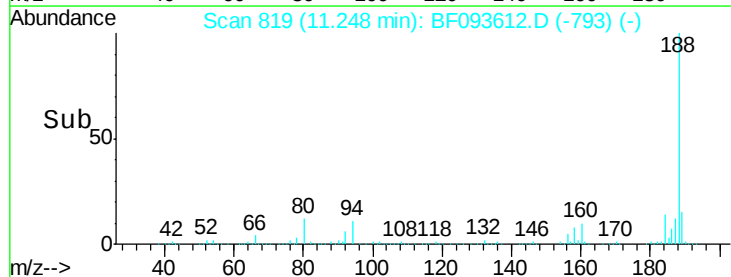
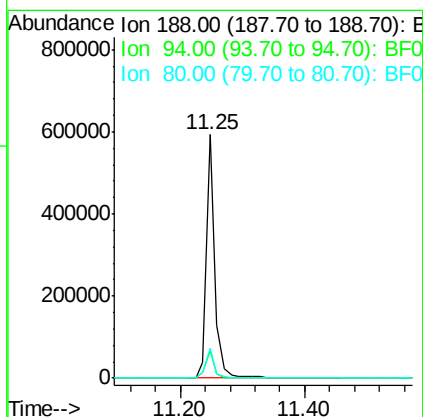
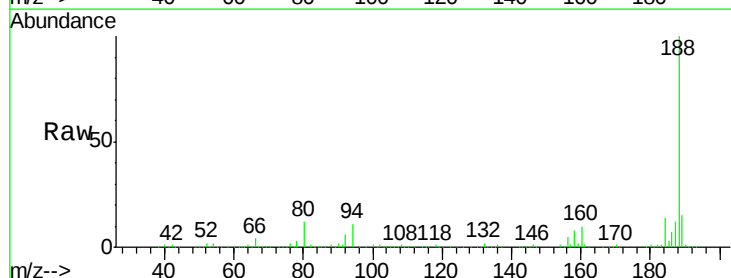
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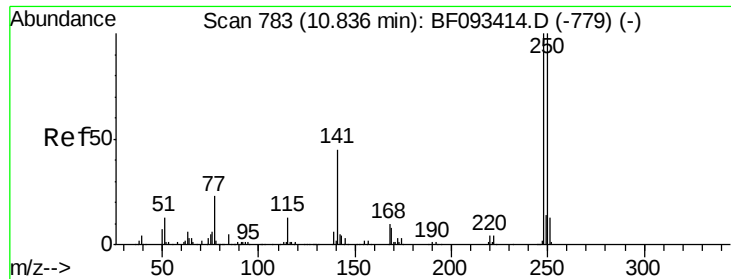
Tgt Ion:	165	Resp:	37738
Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.2	60.4#
89	1.5	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF093612.D
 Acq: 13 Mar 2017 17:29

Tgt Ion:	188	Resp:	558061
Ion	Ratio	Lower	Upper
188	100		
94	11.2	10.0	15.0
80	12.2	11.2	16.8

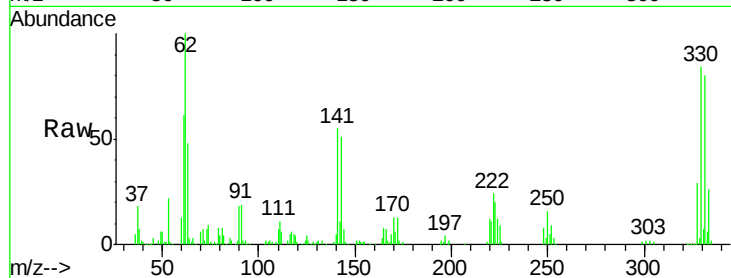




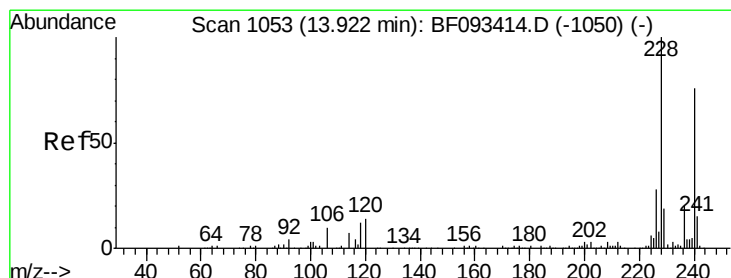
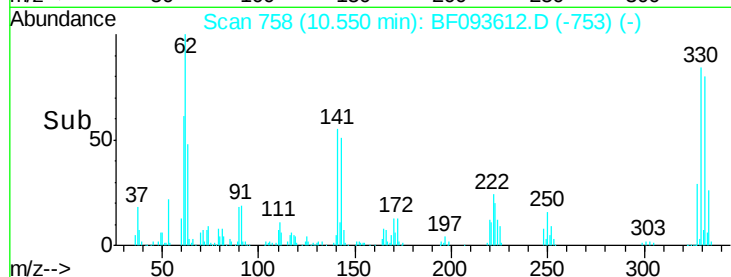
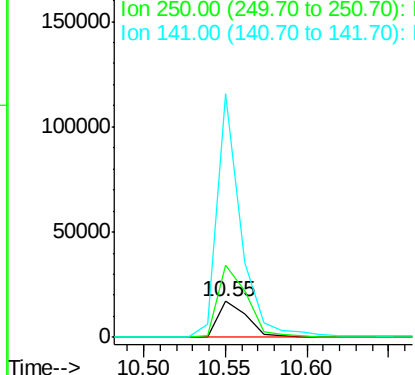
#66
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093612.D
Acq: 13 Mar 2017 17:29

Instrument :
BNA_F
ClientSampleId :
D-71

Tgt Ion:248 Resp: 20905
Ion Ratio Lower Upper
248 100
250 203.4 76.9 115.3#
141 681.4 68.2 102.4#

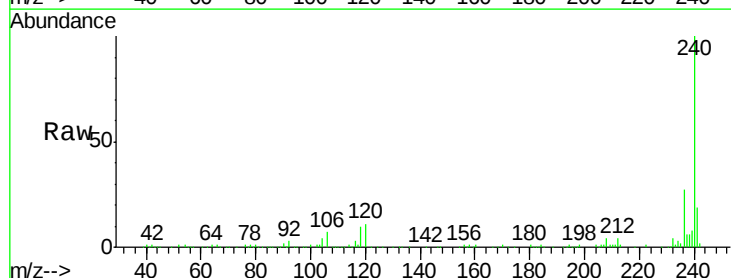


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

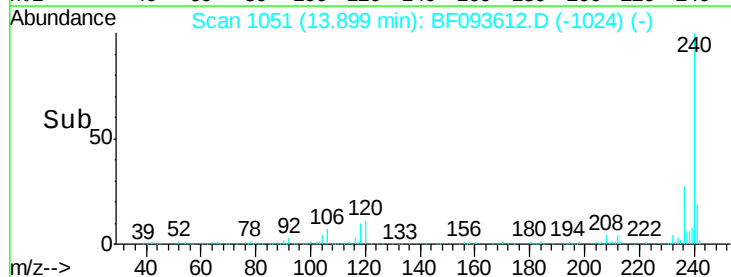
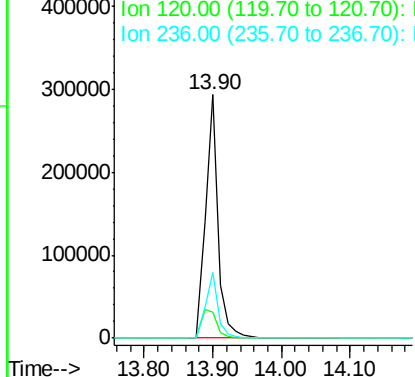


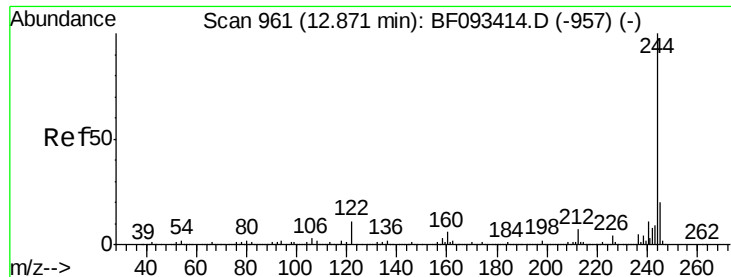
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093612.D
Acq: 13 Mar 2017 17:29

Tgt Ion:240 Resp: 368047
Ion Ratio Lower Upper
240 100
120 10.7 12.9 19.3#
236 26.9 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

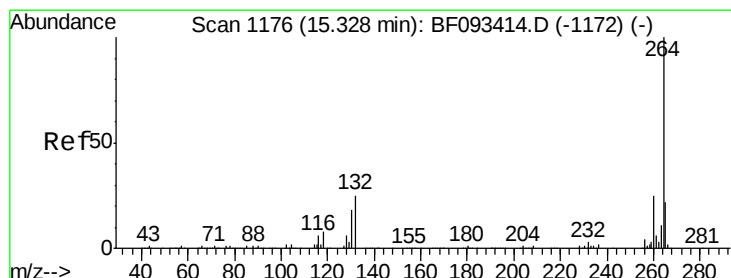
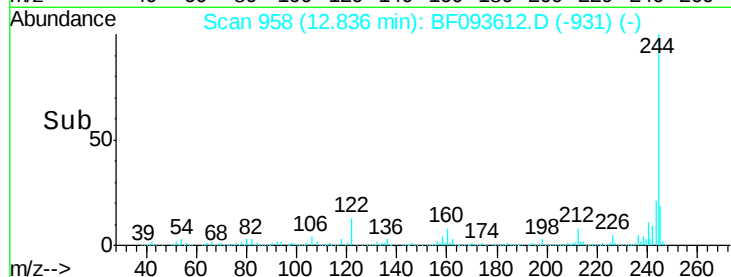
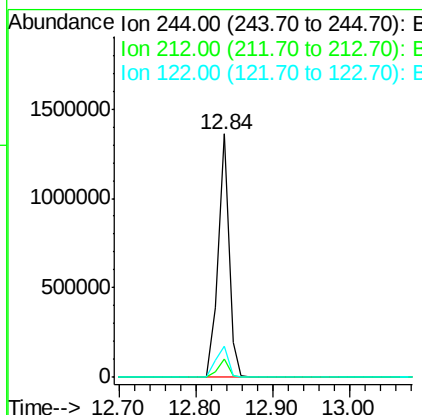
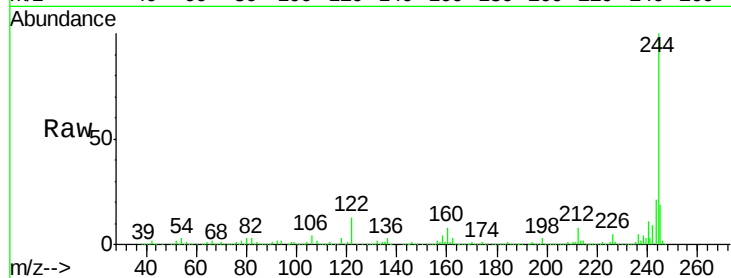




#78
 Terphenyl-d14
 Concen: 95.88 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093612.D
 Acq: 13 Mar 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 D-71

Tgt Ion:244 Resp: 1357339
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 12.6 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093612.D
 Acq: 13 Mar 2017 17:29

Tgt Ion:264 Resp: 195132
 Ion Ratio Lower Upper
 264 100
 260 26.1 19.2 28.8
 265 21.1 17.4 26.0

