

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040516\
 Data File : BF086086.D
 Acq On : 5 Apr 2016 21:00
 Operator : UM/SJ
 Sample : H2028-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W1DAY1RE

Quant Time: Apr 06 00:53:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

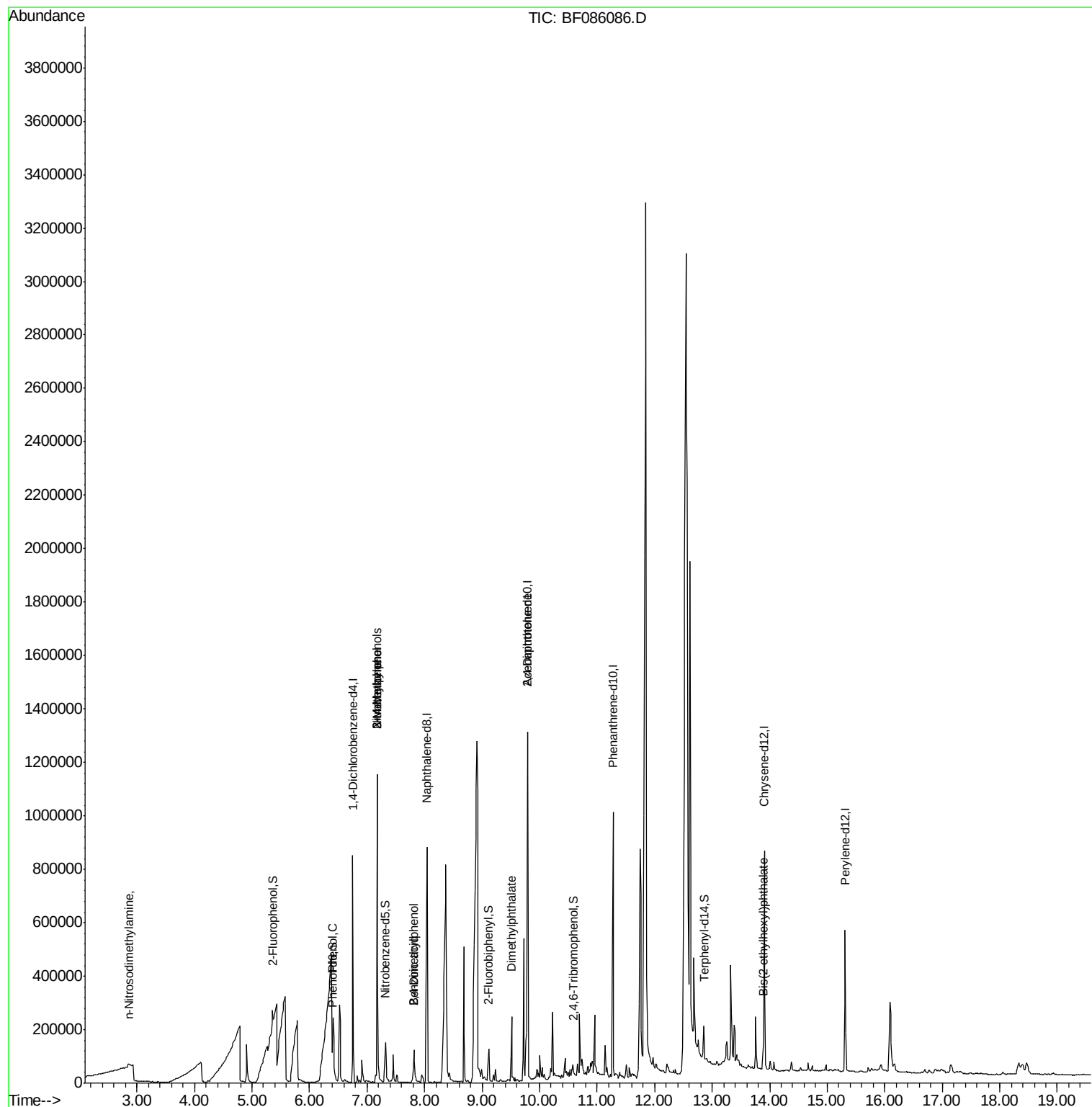
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	122154	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	488762	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	230406	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	427810	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	287944	20.00	ng	-0.02
86) Perylene-d12	15.31	264	236419	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	31612	4.42	ng	-0.01
7) Phenol-d6	6.40	99	43051	4.74	ng	-0.02
23) Nitrobenzene-d5	7.32	82	33299	4.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	4557	2.11	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	43908	3.17	ng	-0.02
78) Terphenyl-d14	12.85	244	31422	2.57	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	2.85	42	11699	3.51	ng	# 1
10) Phenol	6.41	94	113348	10.95	ng	98
17) 2-Methylphenol	7.17	107	336525	50.08	ng	# 72
20) 3+4-Methylphenols	7.17	107	339876	41.59	ng	# 55
24) Nitrobenzene	7.17	77	102288	11.28	ng	# 45
27) 2,4-Dimethylphenol	7.81	122	30711	3.94	ng	# 3
32) Benzoic acid	7.81	122	30961	5.42	ng	97
49) Dimethylphthalate	9.52	163	97244	5.69	ng	99
56) 2,4-Dinitrotoluene	9.79	165	28744	6.30	ng	# 42
83) Bis(2-ethylhexyl)phthalate	13.89	149	26945	2.22	ng	# 96

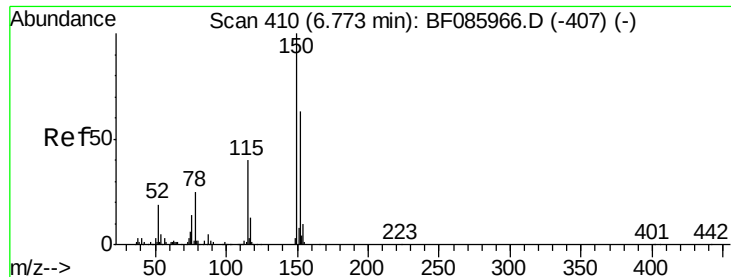
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

Instrument :

BNA_F

ClientSampleId :

W1DAY1RE

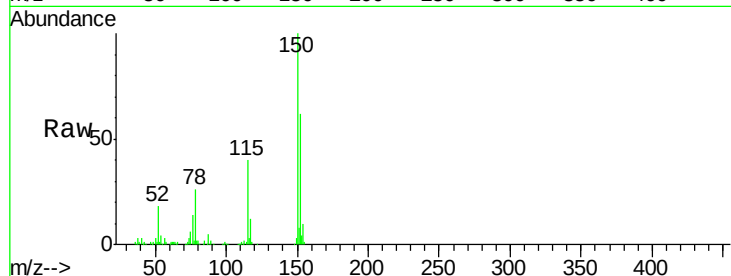
Tgt Ion:152 Resp: 122154

Ion Ratio Lower Upper

152 100

150 161.0 124.2 186.2

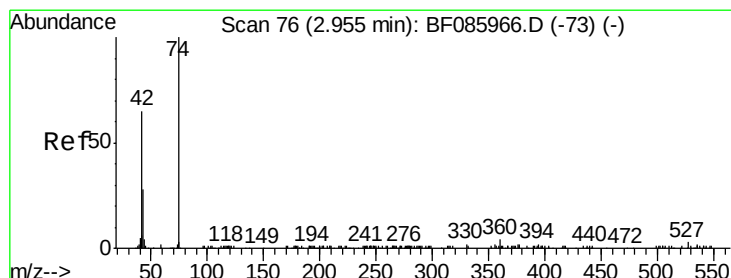
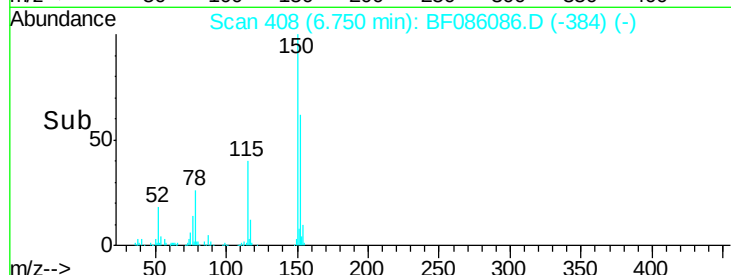
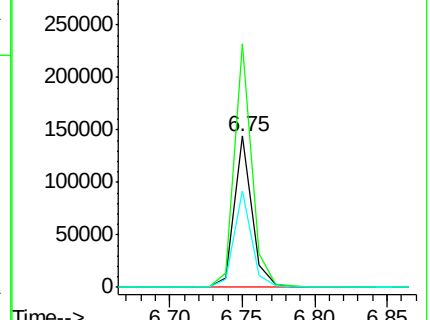
115 63.7 47.0 70.6



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



#4

n-Nitrosodimethylamine

Concen: 3.51 ng

RT: 2.85 min Scan# 67

Delta R.T. -0.10 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

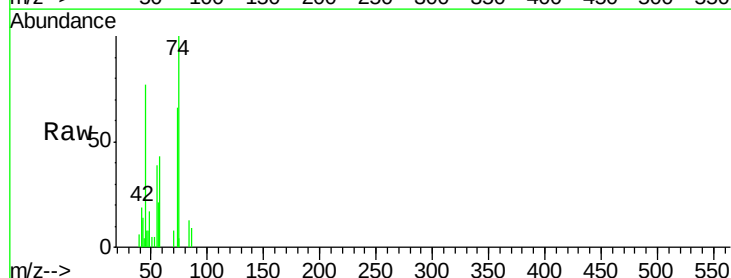
Tgt Ion: 42 Resp: 11699

Ion Ratio Lower Upper

42 100

74 530.0 121.4 182.2#

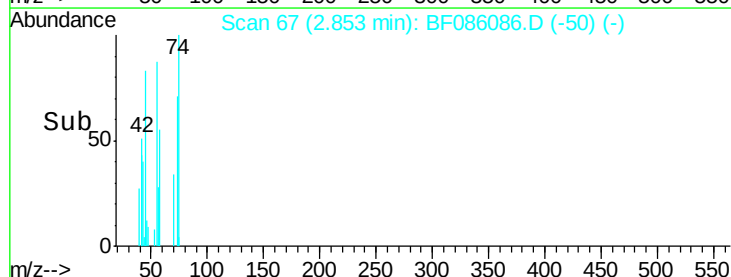
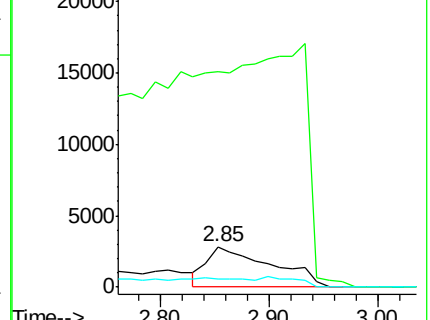
44 19.9 5.6 8.4#

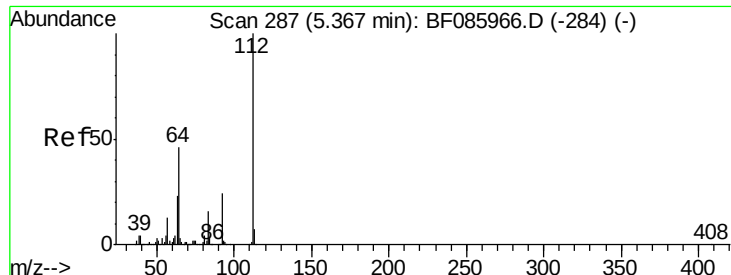


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 4.42 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

Instrument :

BNA_F

ClientSampleId :

W1DAY1RE

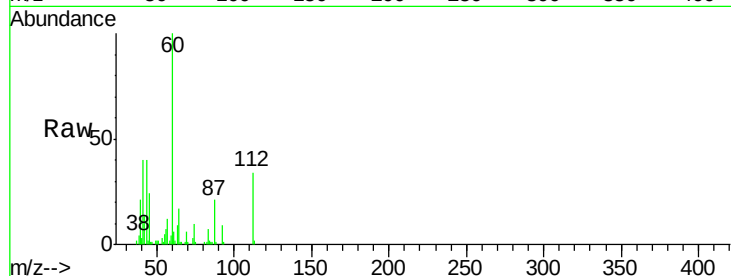
Tgt Ion: 112 Resp: 31612

Ion Ratio Lower Upper

112 100

64 51.4 39.9 59.9

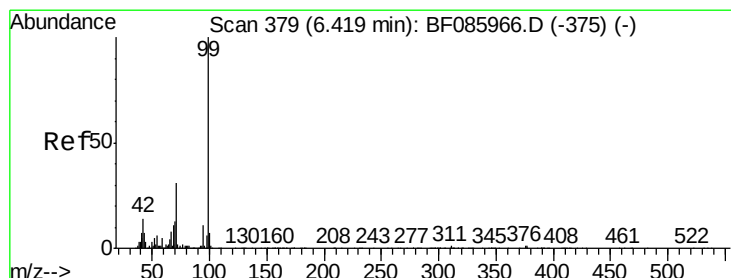
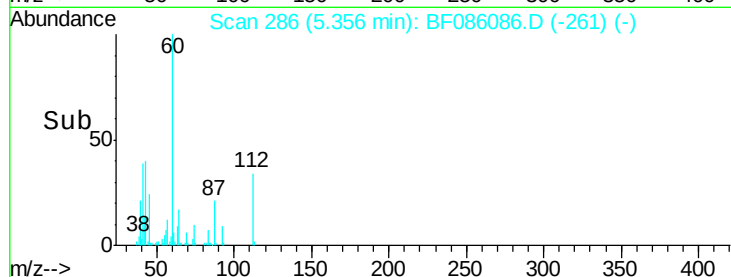
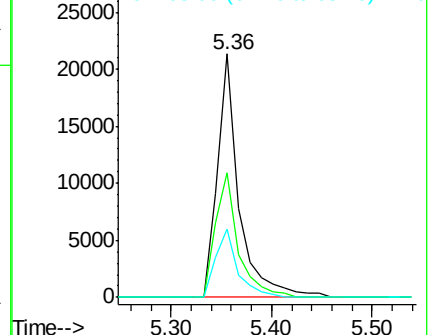
63 27.9 20.2 30.2



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: 4.74 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

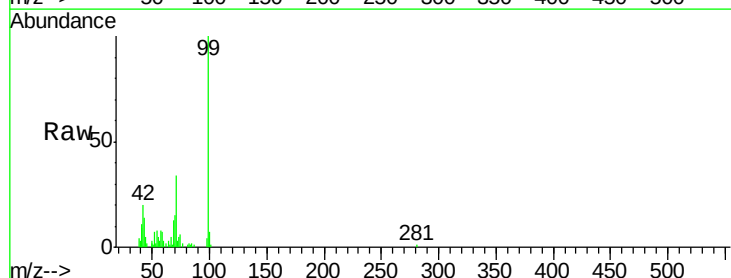
Tgt Ion: 99 Resp: 43051

Ion Ratio Lower Upper

99 100

42 20.5 11.1 16.7#

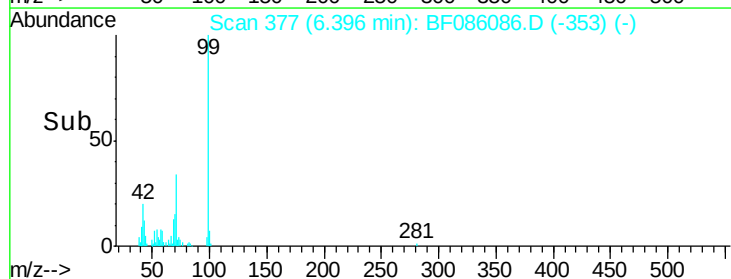
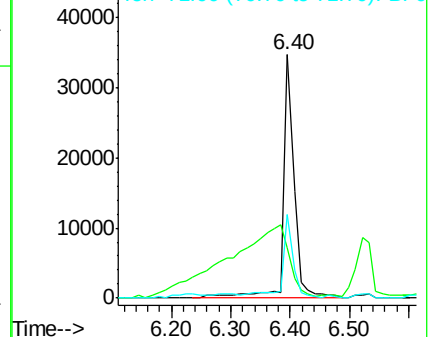
71 34.4 24.9 37.3

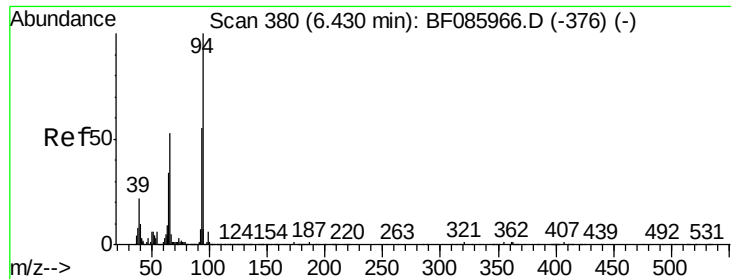


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 10.95 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

Instrument :

BNA_F

ClientSampleId :

W1DAY1RE

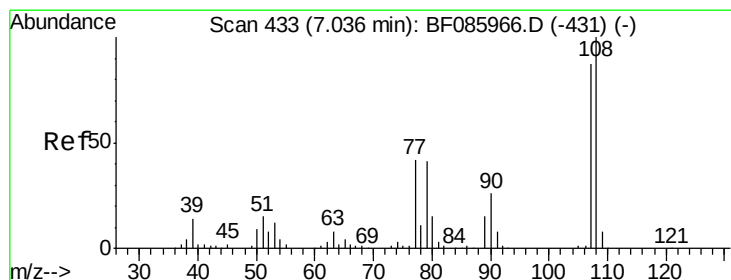
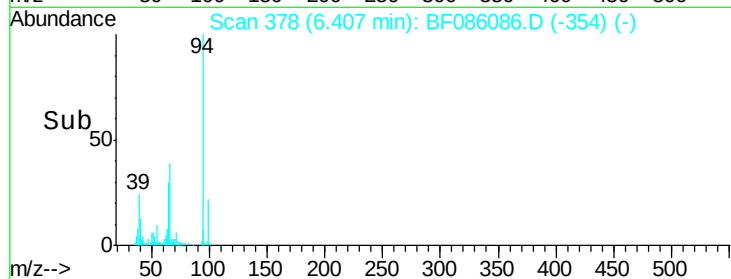
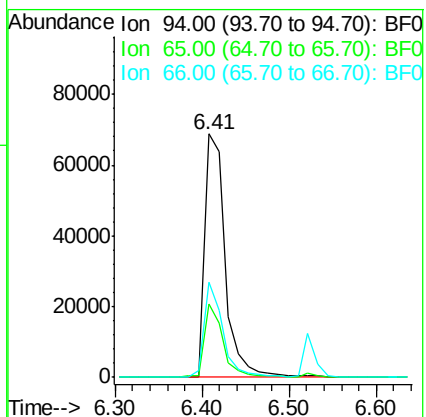
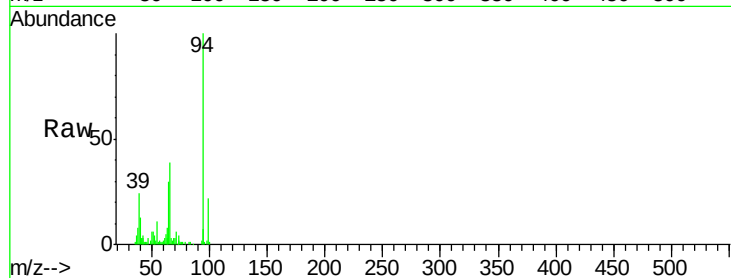
Tgt Ion: 94 Resp: 113348

Ion Ratio Lower Upper

94 100

65 30.0 8.6 48.6

66 39.0 20.0 60.0



#17

2-Methylphenol

Concen: 50.08 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.14 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

Tgt Ion: 107 Resp: 336525

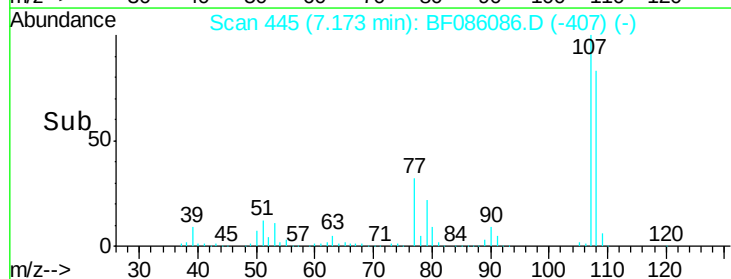
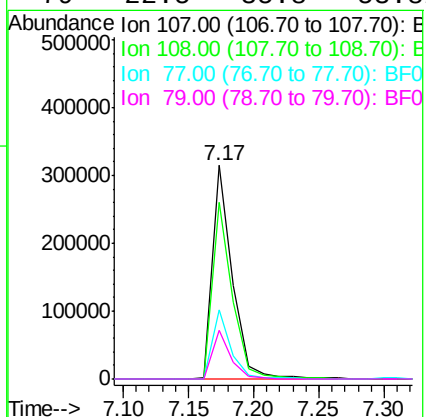
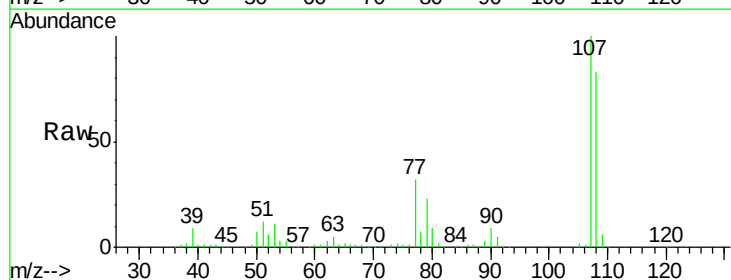
Ion Ratio Lower Upper

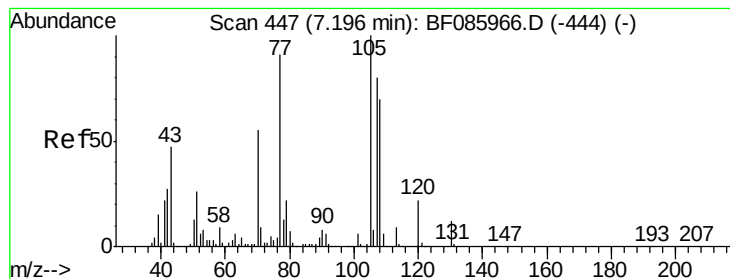
107 100

108 82.5 91.4 137.0#

77 32.2 36.2 54.2#

79 22.5 35.8 53.8#





#20

3+4-Methylphenols

Concen: 41.59 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

Instrument :

BNA_F

ClientSampleId :

W1DAY1RE

Tgt Ion:107 Resp: 339876

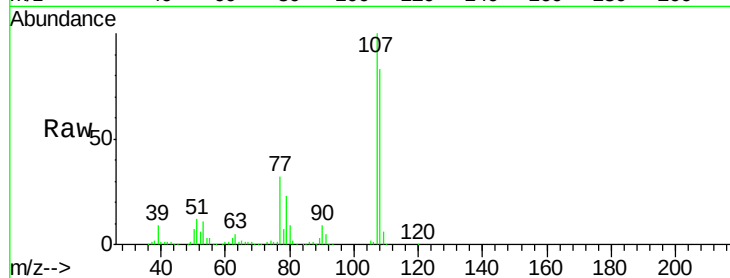
Ion Ratio Lower Upper

107 100

108 82.5 69.3 109.3

77 32.2 101.7 141.7#

79 22.5 8.3 48.3

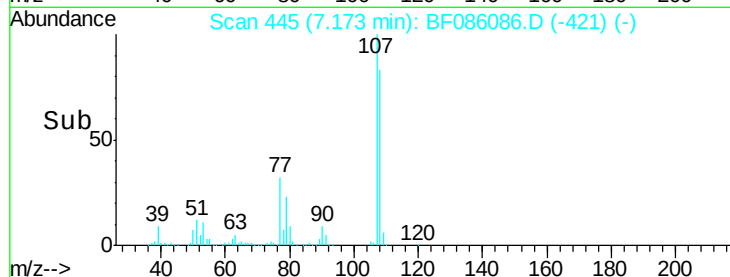


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Abundance

7.17

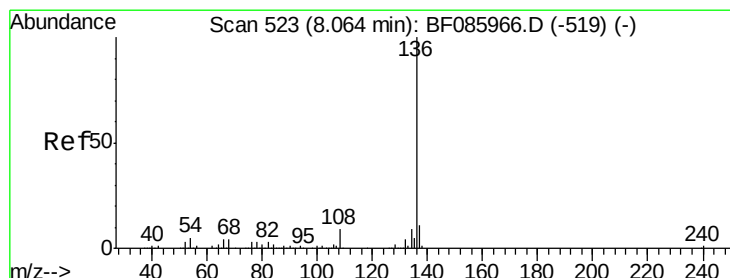
300000

200000

100000

0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

Tgt Ion:136 Resp: 488762

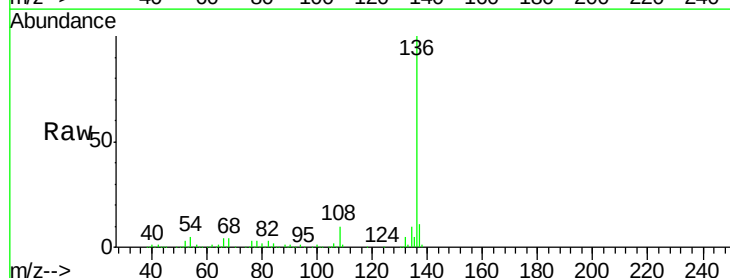
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.2 7.4 11.0#

68 4.4 5.8 8.8#

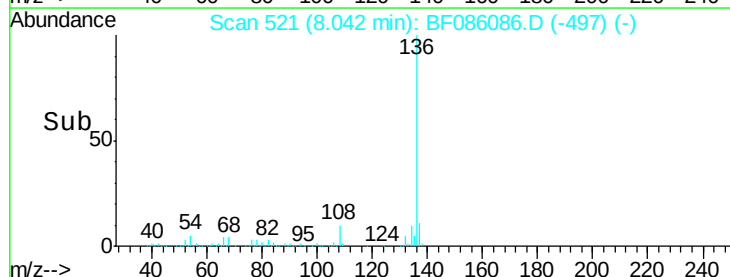


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

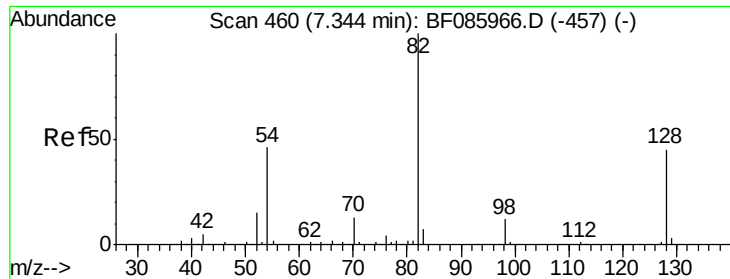
8.04

400000

200000

0

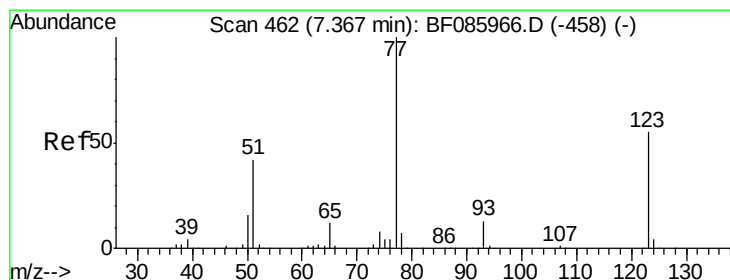
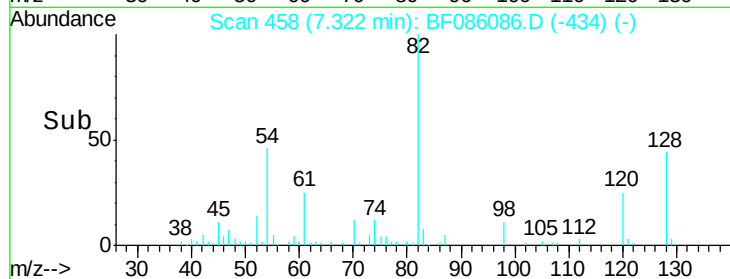
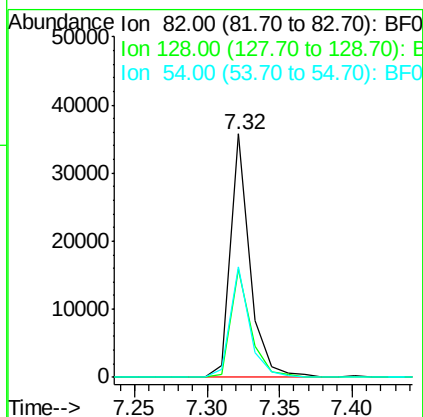
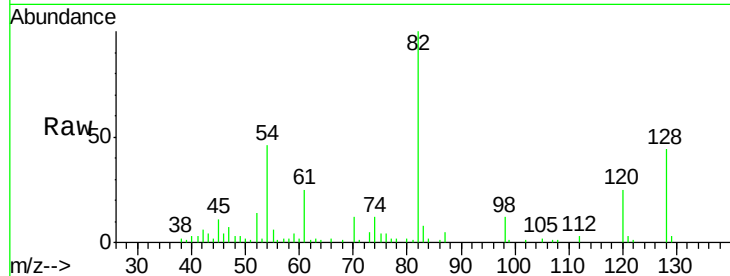
Time-->



#23
 Nitrobenzene-d5
 Concen: 4.02 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF086086.D
 Acq: 5 Apr 2016 21:00

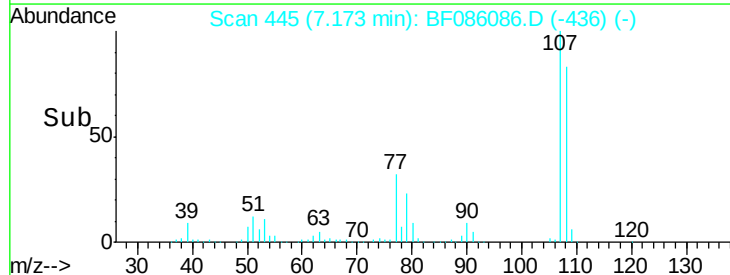
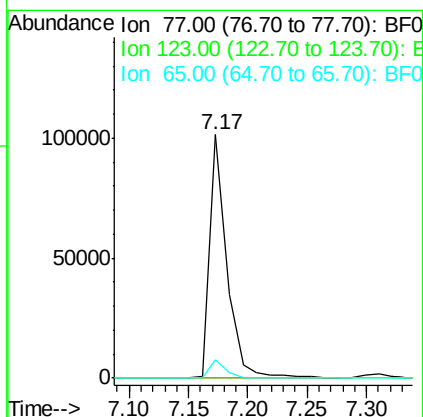
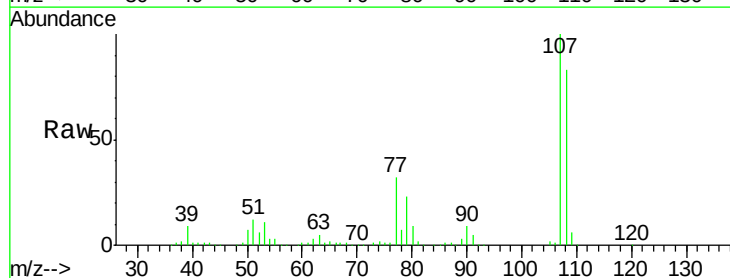
Instrument :
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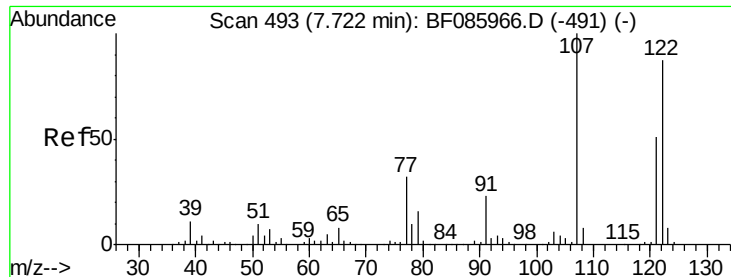
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	41.8	62.8
54	45.5	33.4	50.0



#24
 Nitrobenzene
 Concen: 11.28 ng
 RT: 7.17 min Scan# 445
 Delta R.T. -0.19 min
 Lab File: BF086086.D
 Acq: 5 Apr 2016 21:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.0	52.4#
65	7.7	10.6	16.0#

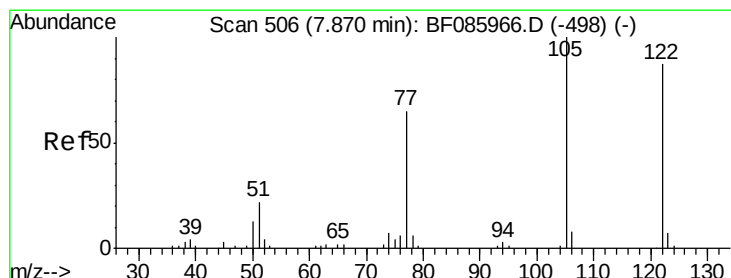
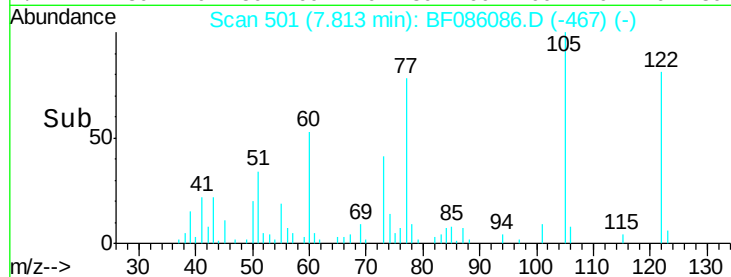
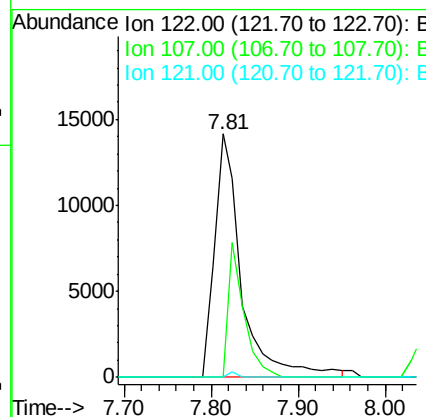
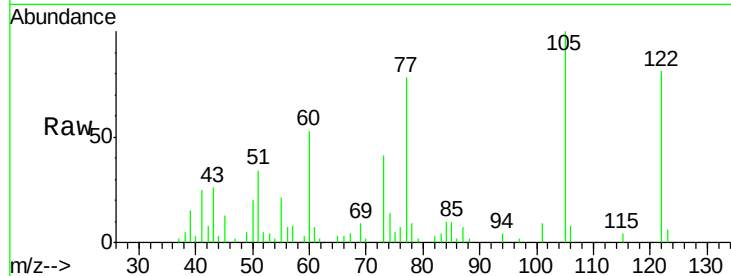




#27
 2,4-Dimethylphenol
 Concen: 3.94 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.09 min
 Lab File: BF086086.D
 Acq: 5 Apr 2016 21:00

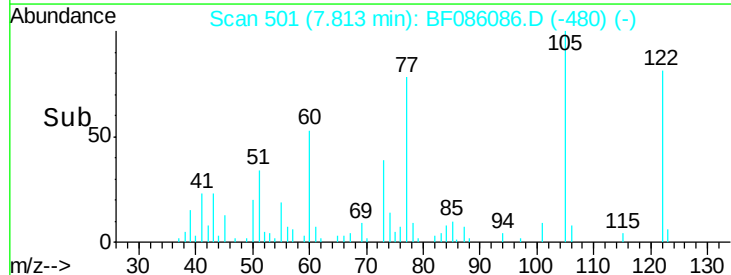
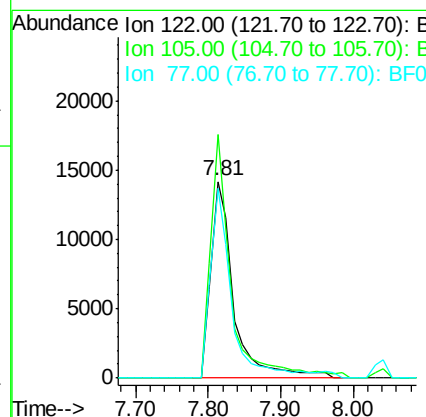
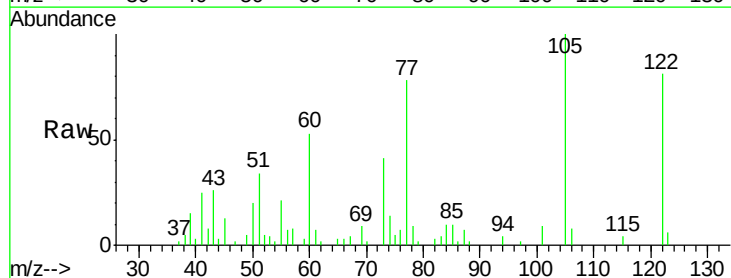
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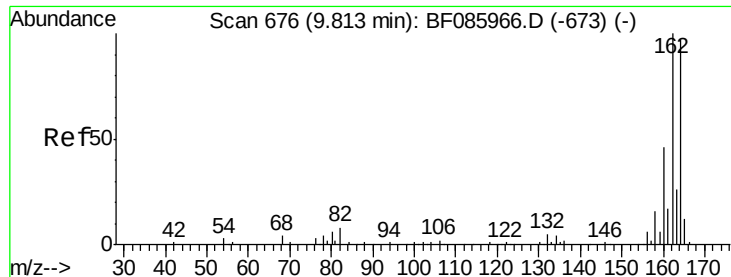
Tgt Ion:122 Resp: 30711
 Ion Ratio Lower Upper
 122 100
 107 0.0 93.0 139.6#
 121 0.0 45.9 68.9#



#32
 Benzoic acid
 Concen: 5.42 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.06 min
 Lab File: BF086086.D
 Acq: 5 Apr 2016 21:00

Tgt Ion:122 Resp: 30961
 Ion Ratio Lower Upper
 122 100
 105 124.0 102.9 142.9
 77 96.9 71.8 111.8

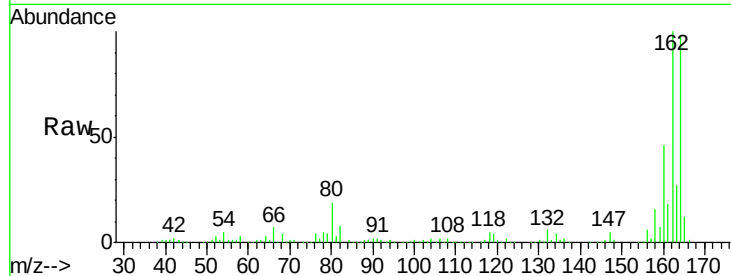




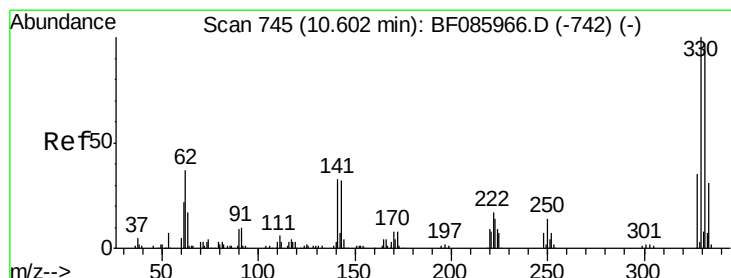
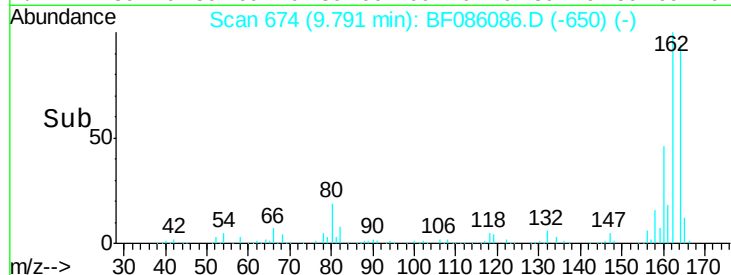
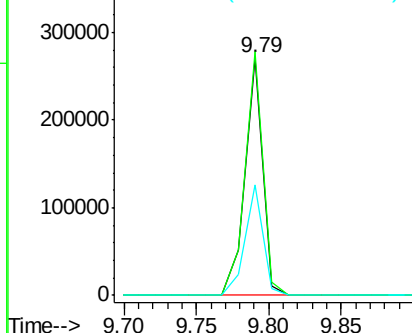
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF086086.D
 Acq: 5 Apr 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 W1DAY1RE

Tgt Ion:164 Resp: 230406
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.1 123.1
 160 46.7 37.4 56.2

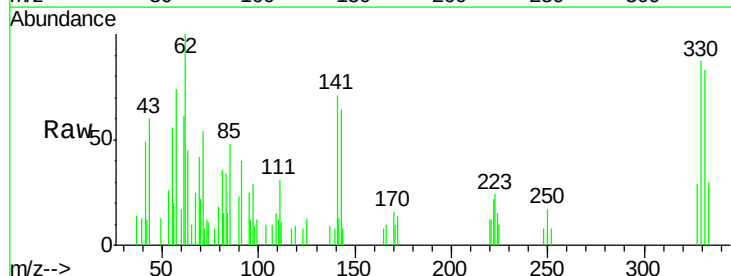


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

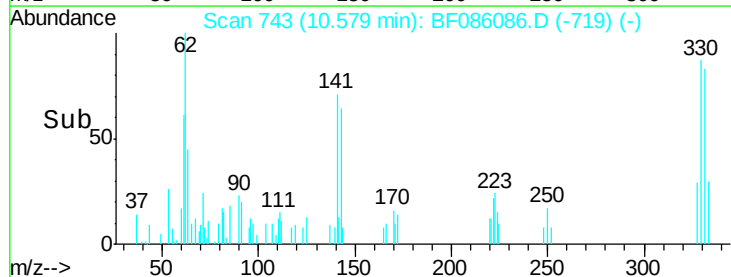
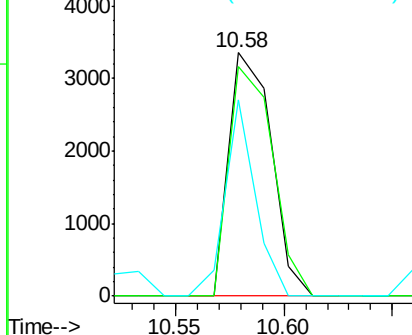


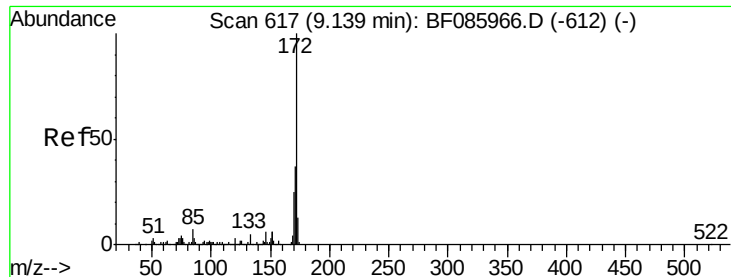
#41
 2,4,6-Tribromophenol
 Concen: 2.11 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086086.D
 Acq: 5 Apr 2016 21:00

Tgt Ion:330 Resp: 4557
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.2 117.2
 141 57.2 31.5 47.3#



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: 3.17 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

Instrument :

BNA_F

ClientSampleId :

W1DAY1RE

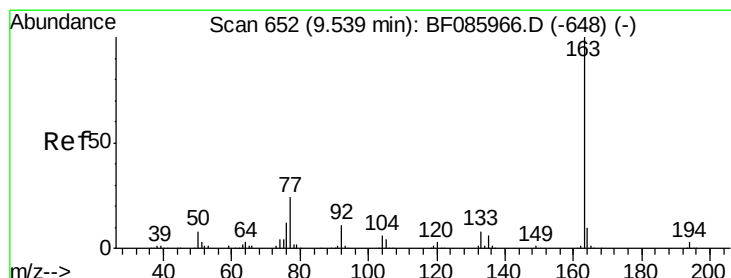
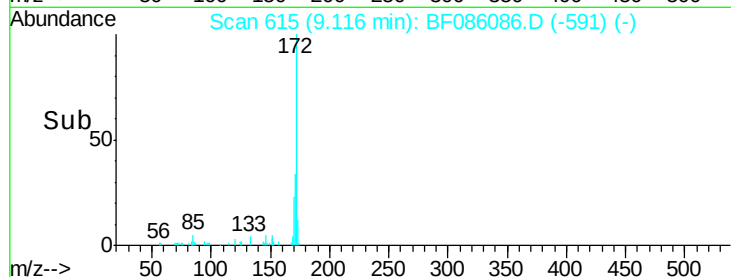
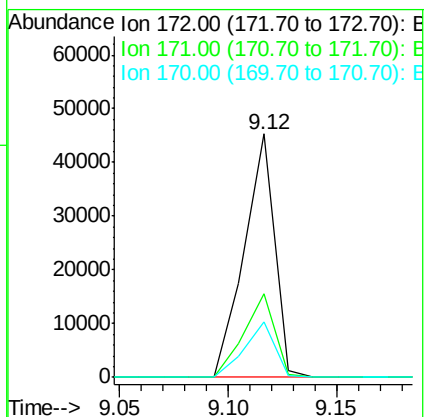
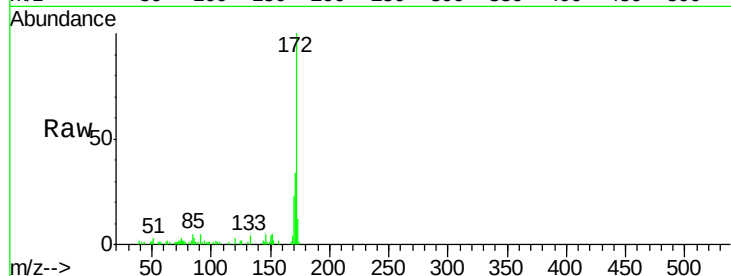
Tgt Ion:172 Resp: 43908

Ion Ratio Lower Upper

172 100

171 34.3 29.4 44.2

170 22.8 19.8 29.6



#49

Dimethylphthalate

Concen: 5.69 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

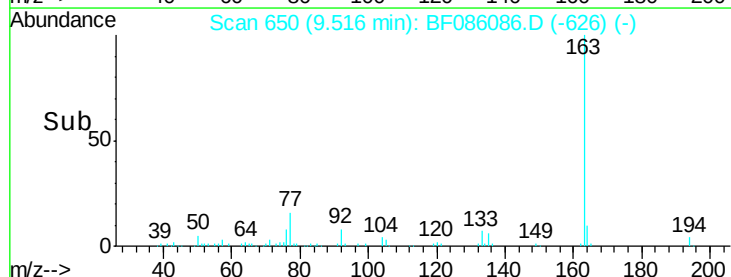
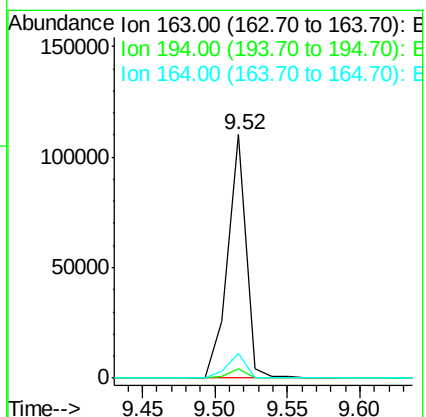
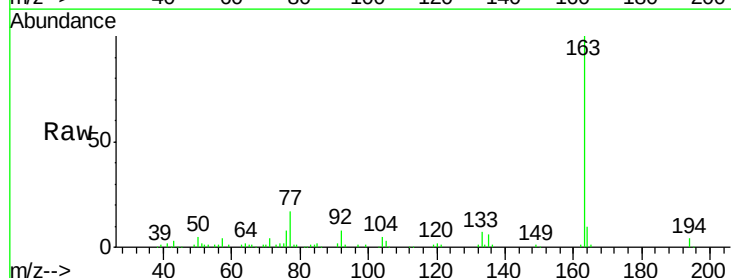
Tgt Ion:163 Resp: 97244

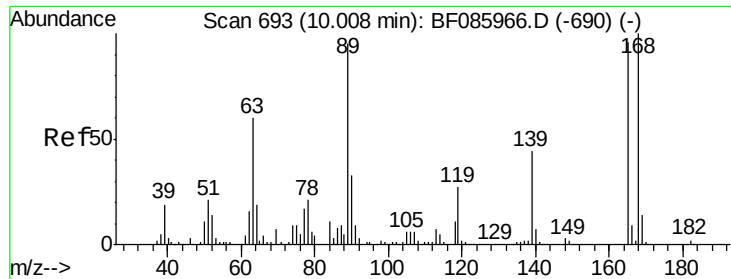
Ion Ratio Lower Upper

163 100

194 4.1 2.9 4.3

164 10.0 8.3 12.5

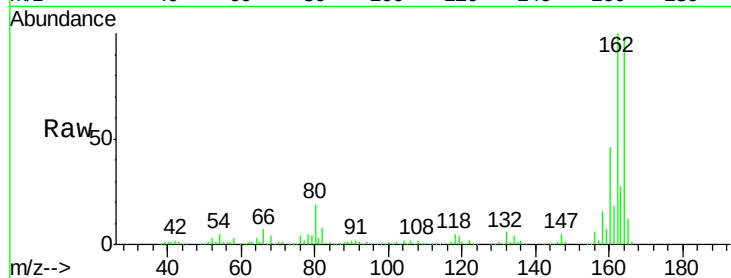




#56
 2,4-Dinitrotoluene
 Concen: 6.30 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.22 min
 Lab File: BF086086.D
 Acq: 5 Apr 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 W1DAY1RE

Tgt Ion	Ratio	Lower	Upper
165	100		
63	5.1	24.9	37.3#
89	4.7	41.0	61.6#
182	0.0	2.1	3.1#



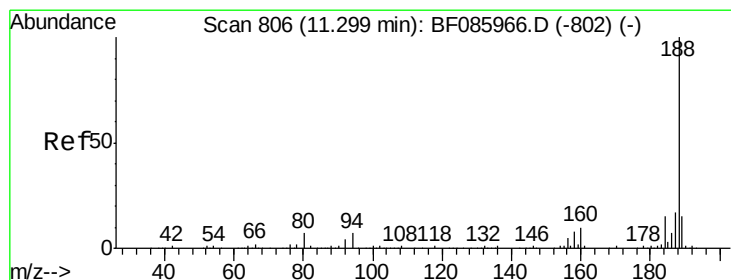
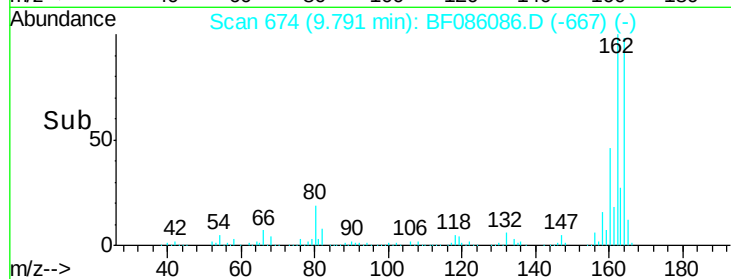
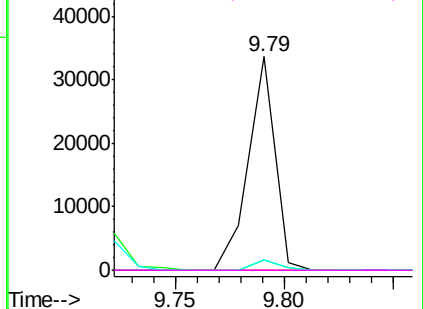
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

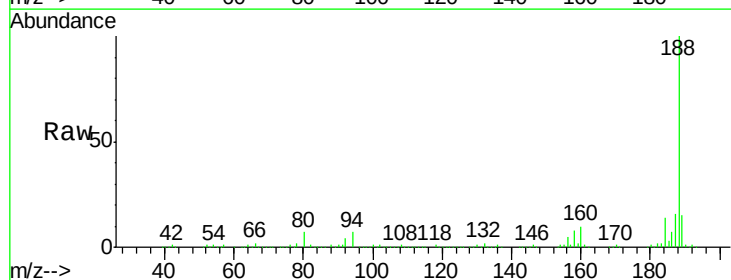
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF086086.D
 Acq: 5 Apr 2016 21:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.4	8.0
80	7.0	5.5	8.3

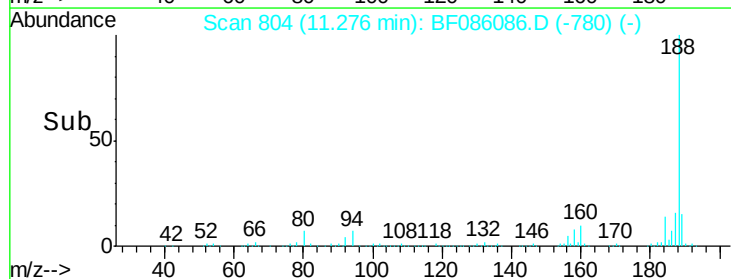
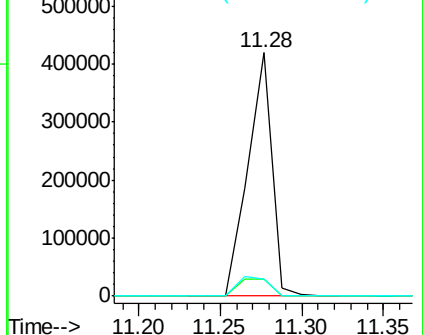


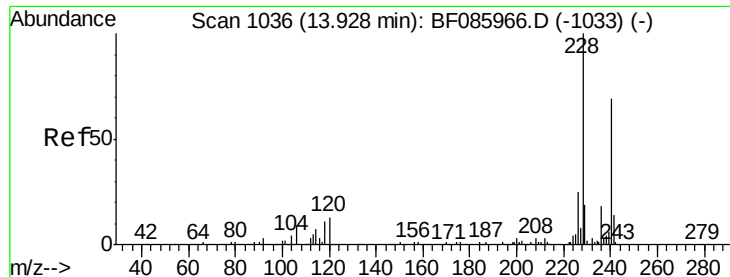
Abundance

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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

Instrument :

BNA_F

ClientSampleId :

W1DAY1RE

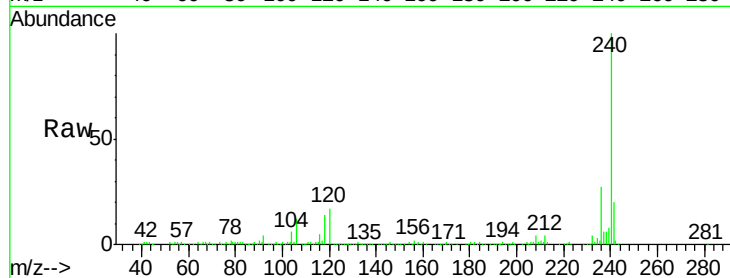
Tgt Ion:240 Resp: 287944

Ion Ratio Lower Upper

240 100

120 16.7 13.8 20.8

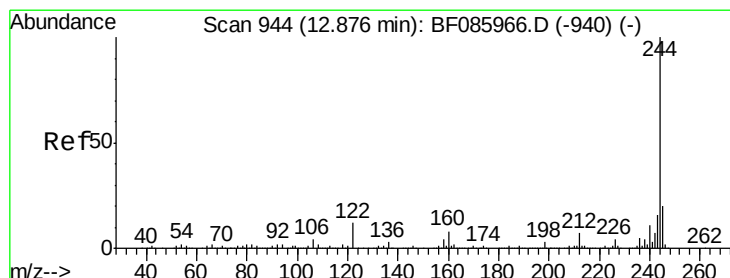
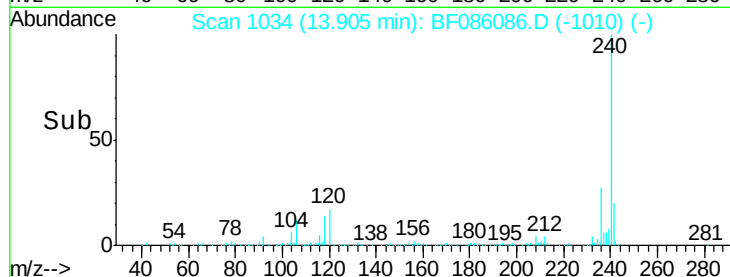
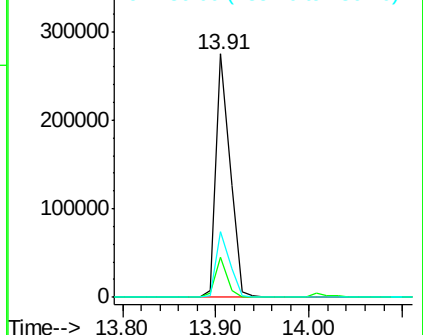
236 26.8 20.6 30.8



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: 2.57 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

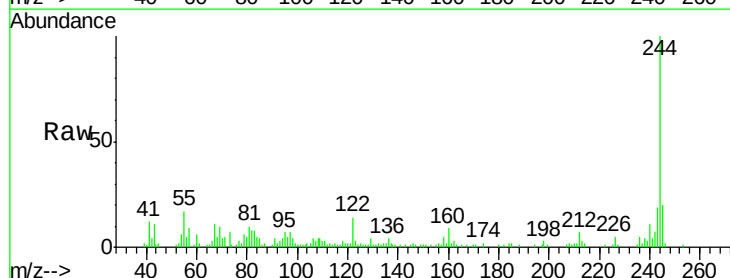
Tgt Ion:244 Resp: 31422

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

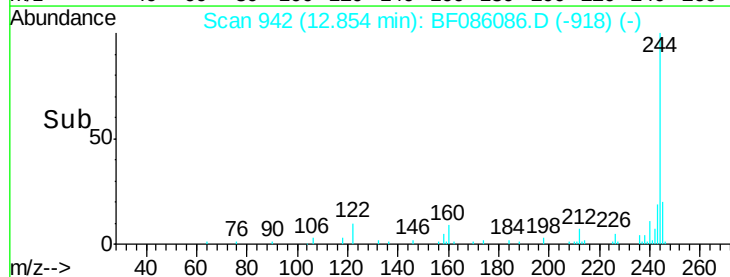
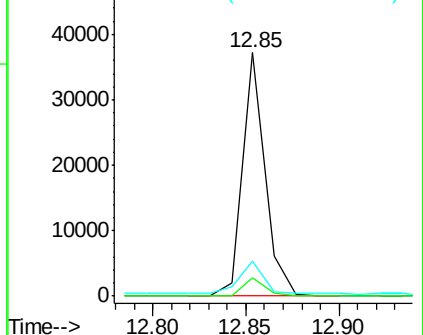
122 14.3 10.2 15.4

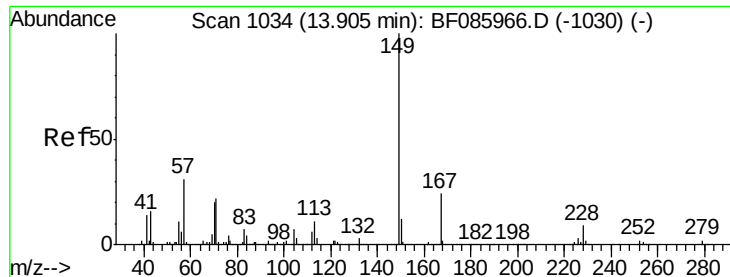


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

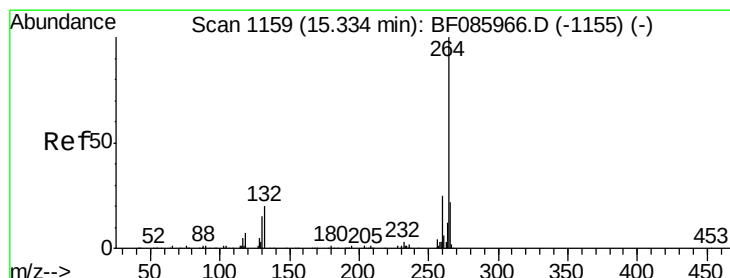
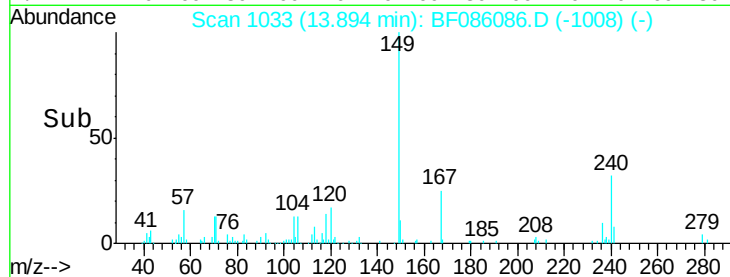
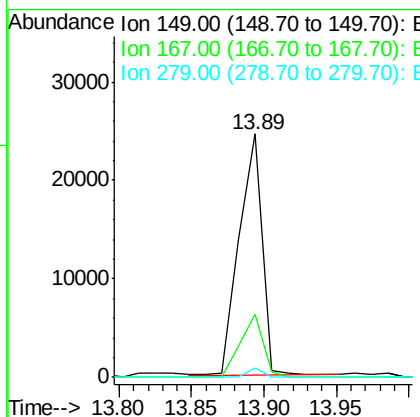
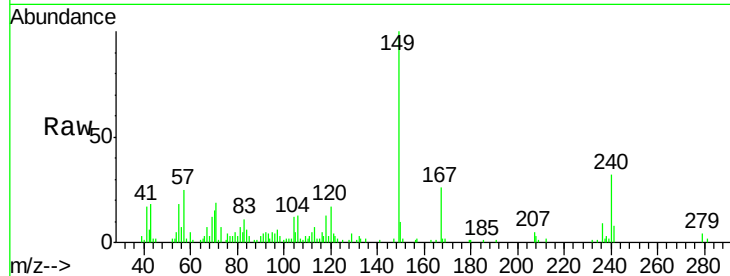




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.22 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF086086.D
 Acq: 5 Apr 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 W1DAY1RE

Tgt Ion:149 Resp: 26945
 Ion Ratio Lower Upper
 149 100
 167 26.1 19.4 29.2
 279 3.9 1.5 2.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF086086.D
 Acq: 5 Apr 2016 21:00

Tgt Ion:264 Resp: 236419
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.8 17.2 25.8

