

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086550.D
 Acq On : 1 May 2016 4:45
 Operator : UM/SJ
 Sample : H2737-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-4-26-16

Quant Time: May 02 00:46:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

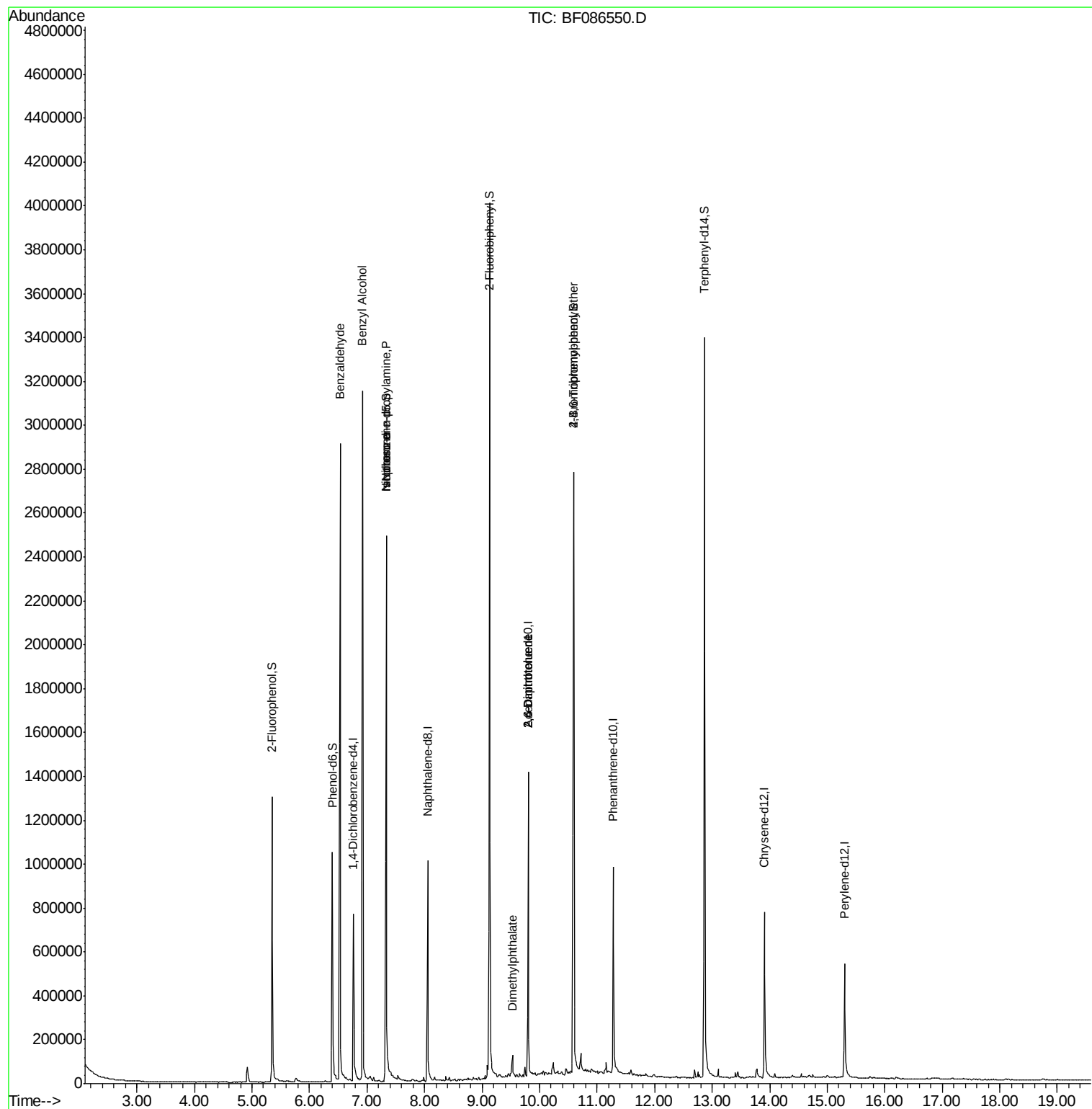
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	122430	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	533443	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	266210	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	487979	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	369311	20.00	ng	-0.06
86) Perylene-d12	15.30	264	285831	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	408458	57.55	ng	-0.04
7) Phenol-d6	6.40	99	368957	37.24	ng	-0.05
23) Nitrobenzene-d5	7.33	82	945694	95.56	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	360436	128.39	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1353748	90.15	ng	-0.05
78) Terphenyl-d14	12.87	244	1381435	82.41	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.53	77	21095	3.66	ng	Qvalue 83
15) Benzyl Alcohol	6.92	79	14830	2.37	ng	# 41
19) n-Nitroso-di-n-propylamine	7.33	70	127092	19.41	ng	# 77
25) Isophorone	7.33	82	693398	36.40	ng	# 68
49) Dimethylphthalate	9.53	163	52068	2.60	ng	98
50) 2,6-Dinitrotoluene	9.80	165	33068	7.99	ng	# 21
56) 2,4-Dinitrotoluene	9.80	165	33064	6.26	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	22013	4.38	ng	# 1

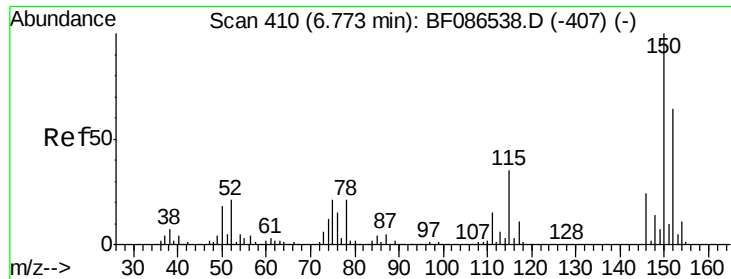
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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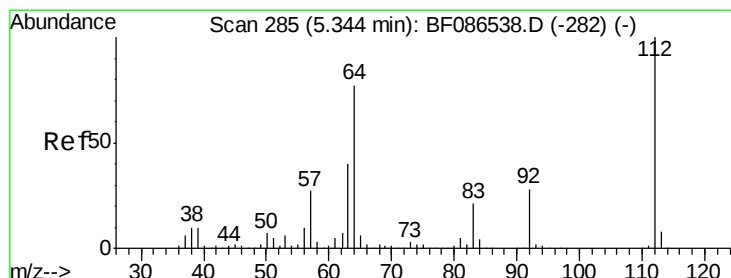
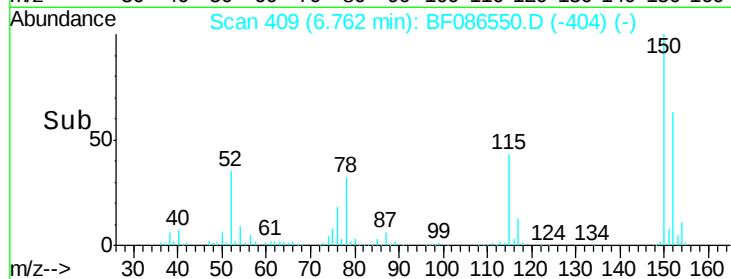
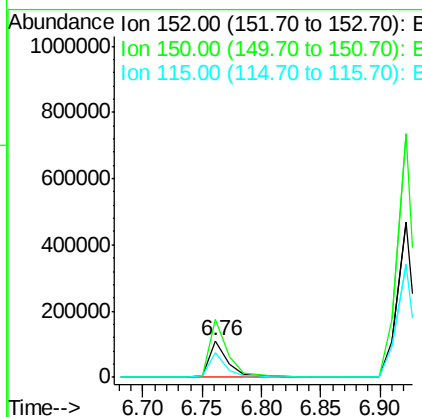
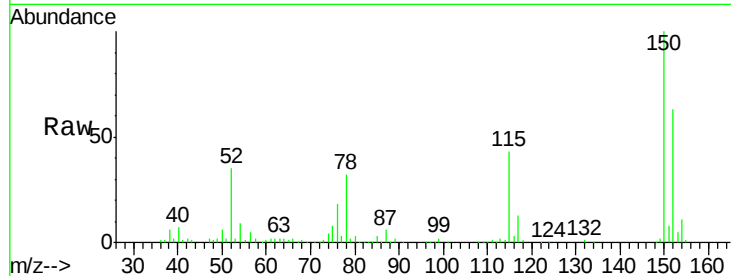




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BF086550.D
 Acq: 1 May 2016 4:45

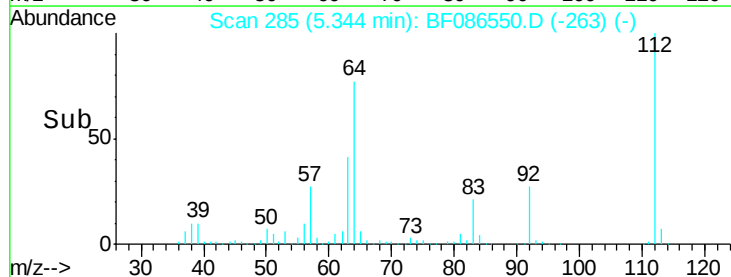
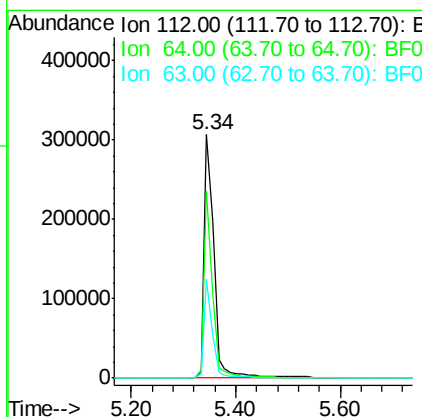
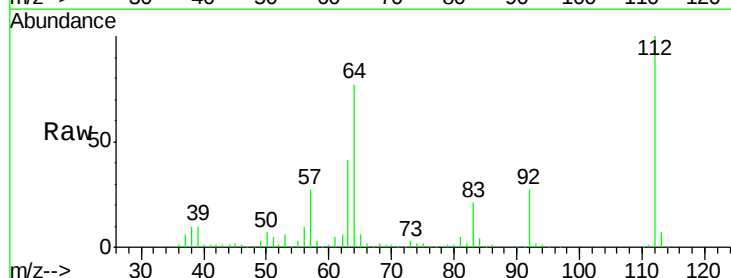
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-4-26-16

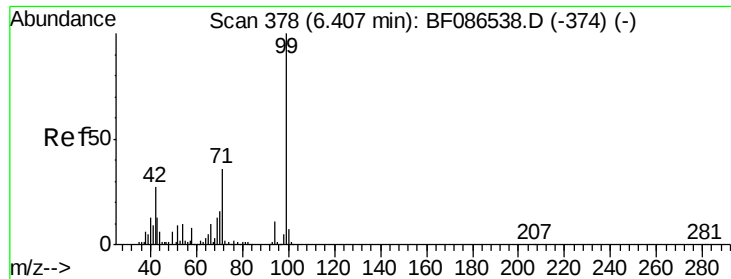
Tgt Ion:152 Resp: 122430
 Ion Ratio Lower Upper
 152 100
 150 159.1 125.8 188.6
 115 68.7 51.5 77.3



#5
 2-Fluorophenol
 Concen: 57.55 ng
 RT: 5.34 min Scan# 285
 Delta R.T. -0.04 min
 Lab File: BF086550.D
 Acq: 1 May 2016 4:45

Tgt Ion:112 Resp: 408458
 Ion Ratio Lower Upper
 112 100
 64 76.7 52.1 78.1
 63 40.7 25.7 38.5#





#7

Phenol-d6

Concen: 37.24 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086550.D

Acq: 1 May 2016 4:45

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16

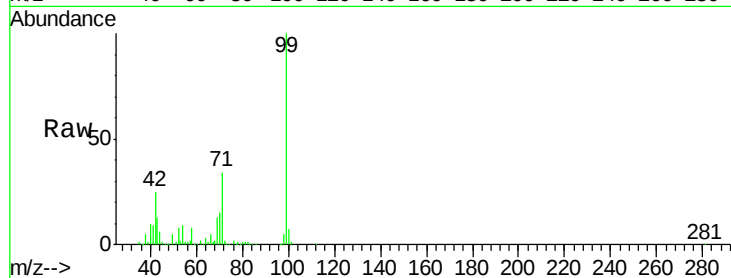
Tgt Ion: 99 Resp: 368957

Ion Ratio Lower Upper

99 100

42 24.7 13.6 20.4#

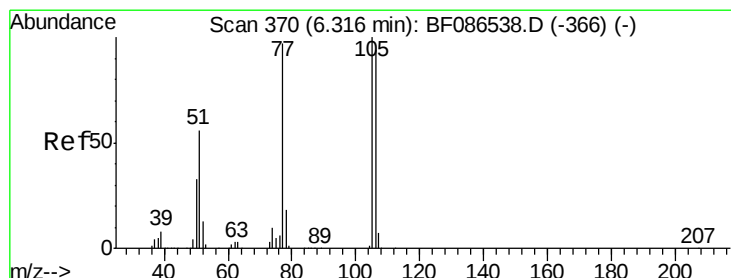
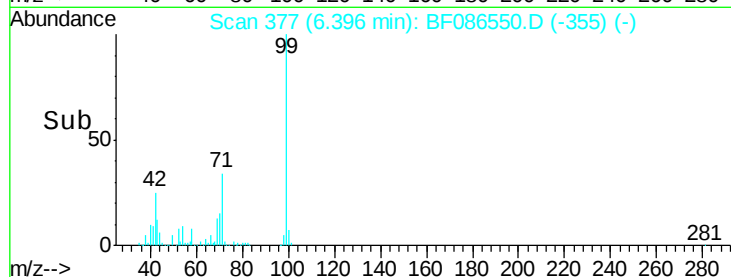
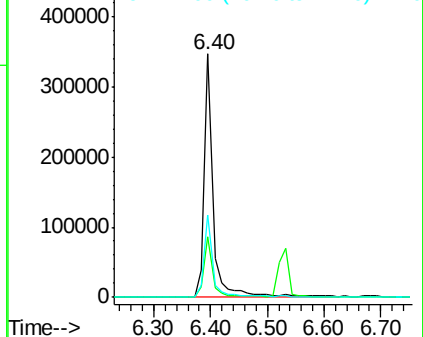
71 34.0 24.6 36.8



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: 3.66 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.18 min

Lab File: BF086550.D

Acq: 1 May 2016 4:45

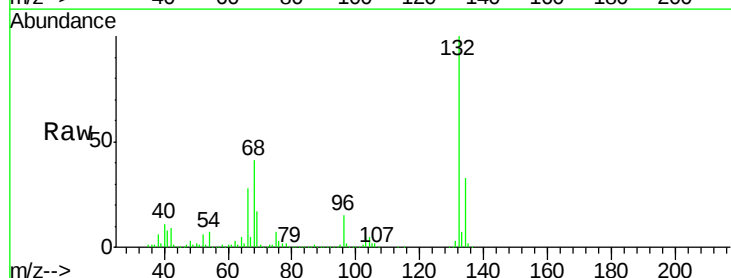
Tgt Ion: 77 Resp: 21095

Ion Ratio Lower Upper

77 100

105 79.5 72.7 112.7

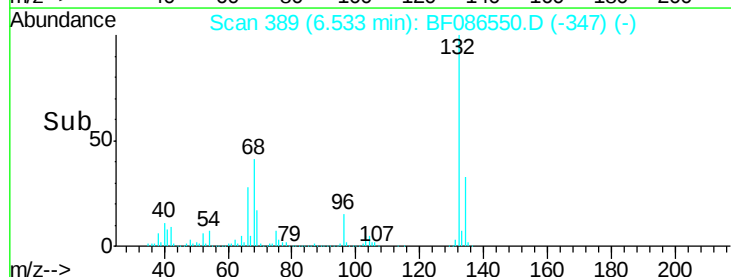
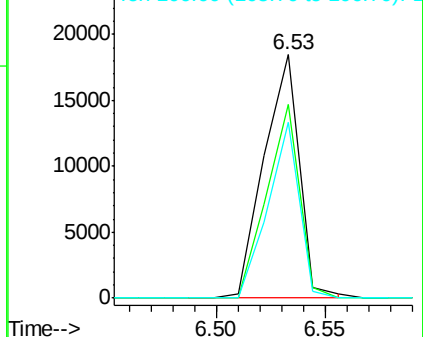
106 72.0 70.8 110.8

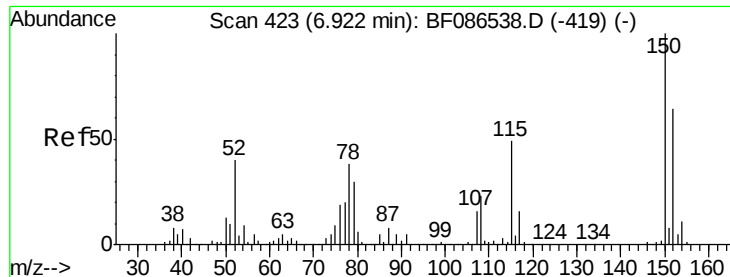


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

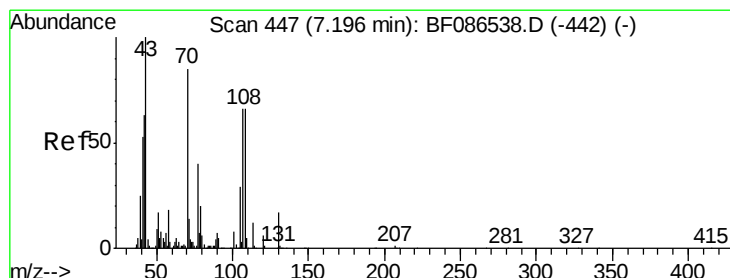
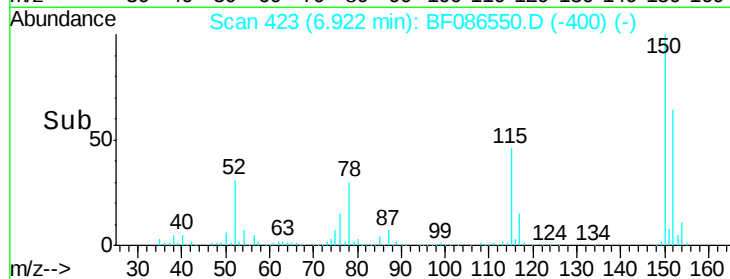
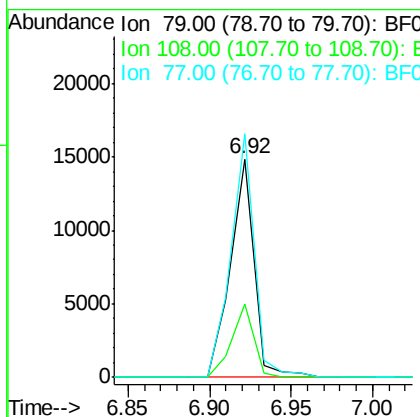
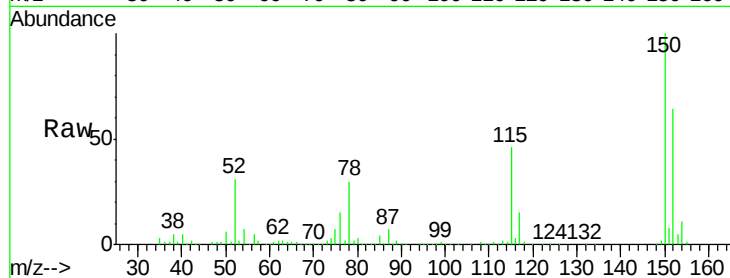




#15
Benzyl Alcohol
Concen: 2.37 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.03 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

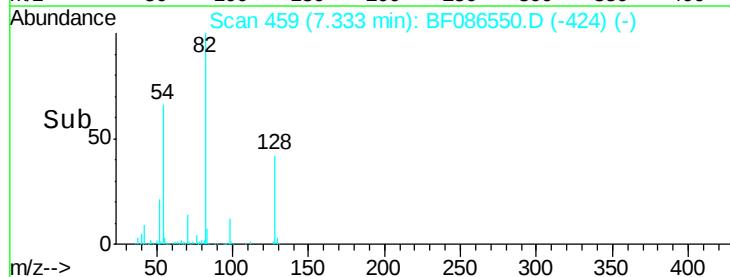
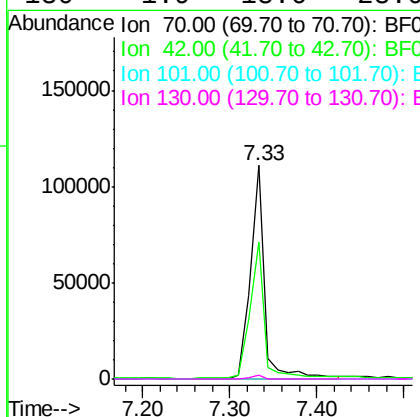
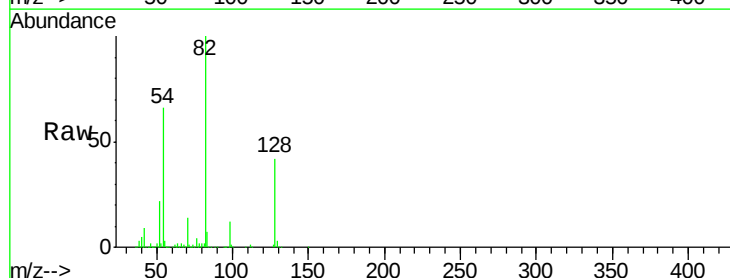
Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16

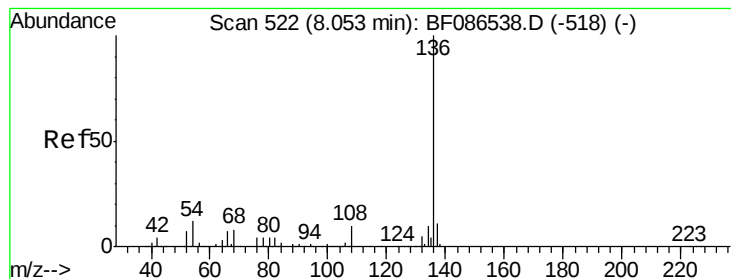
Tgt Ion: 79 Resp: 14830
Ion Ratio Lower Upper
79 100
108 33.6 68.4 102.6#
77 111.5 50.6 76.0#



#19
n-Nitroso-di-n-propylamine
Concen: 19.41 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.10 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Tgt Ion: 70 Resp: 127092
Ion Ratio Lower Upper
70 100
42 63.9 43.1 64.7
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086550.D

Acq: 1 May 2016 4:45

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16

Tgt Ion: 136 Resp: 533443

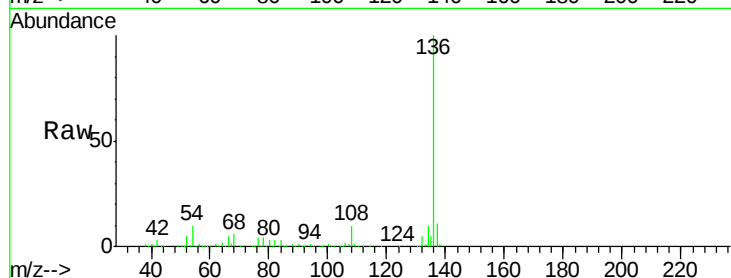
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.5 5.0 7.4#

68 5.8 4.4 6.6

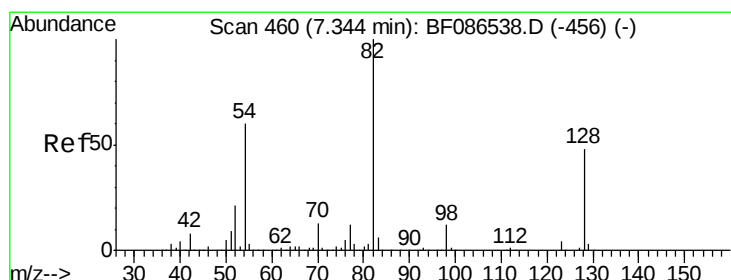
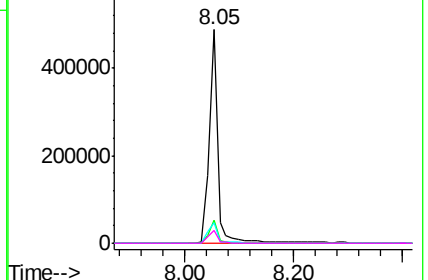
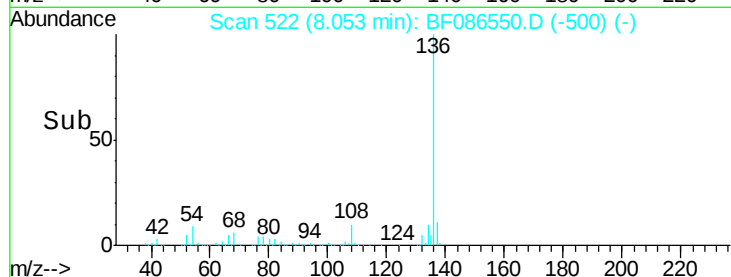


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.56 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.05 min

Lab File: BF086550.D

Acq: 1 May 2016 4:45

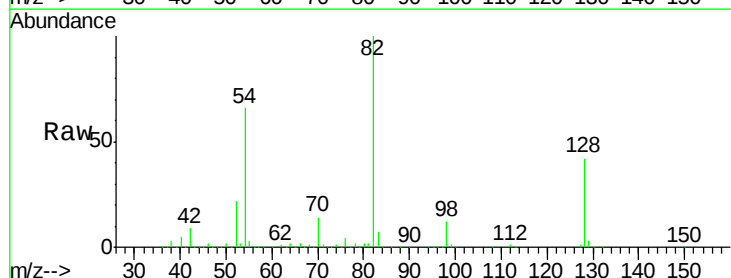
Tgt Ion: 82 Resp: 945694

Ion Ratio Lower Upper

82 100

128 41.8 40.6 61.0

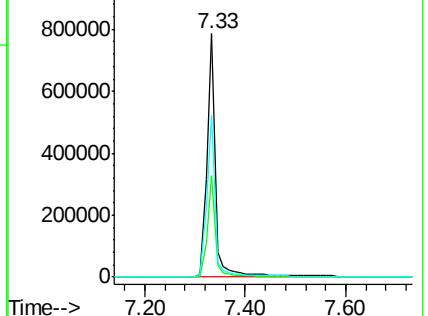
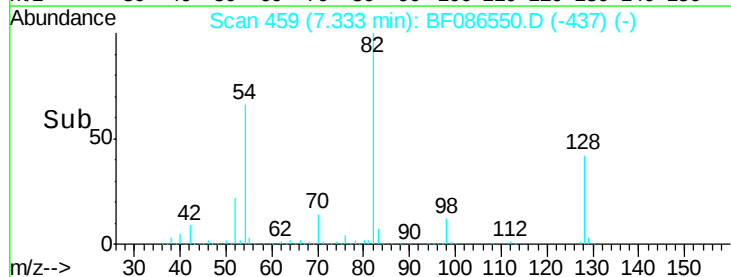
54 66.2 38.1 57.1#

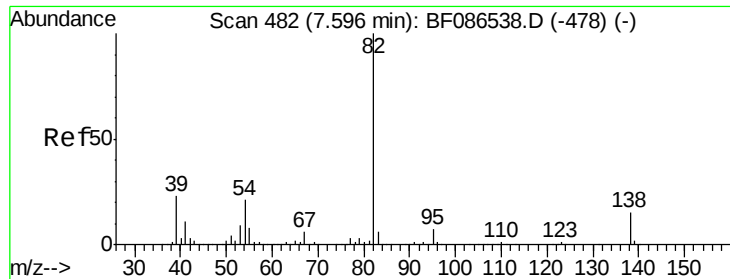


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 36.40 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.31 min

Lab File: BF086550.D

Acq: 1 May 2016 4:45

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16

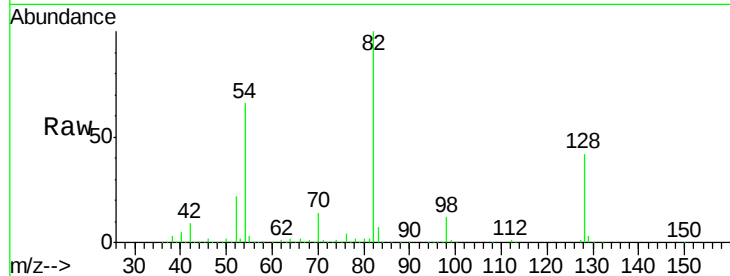
Tgt Ion: 82 Resp: 693398

Ion Ratio Lower Upper

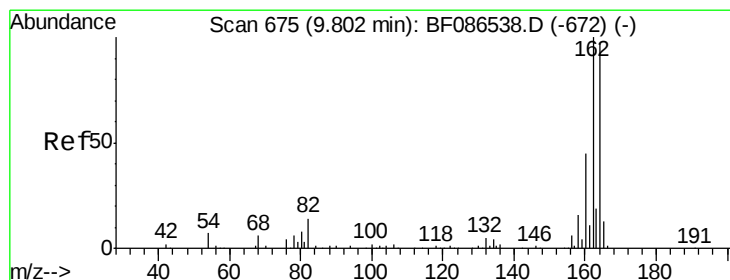
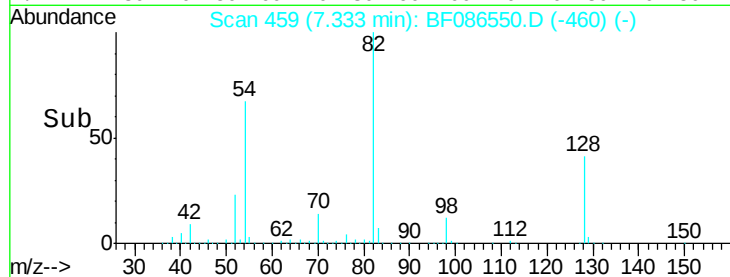
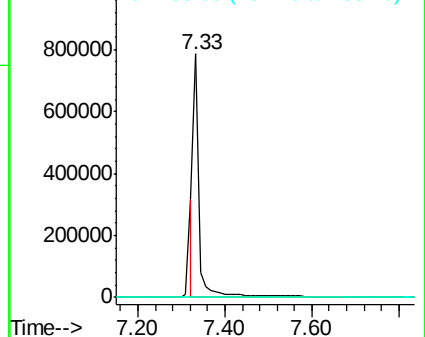
82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



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: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086550.D

Acq: 1 May 2016 4:45

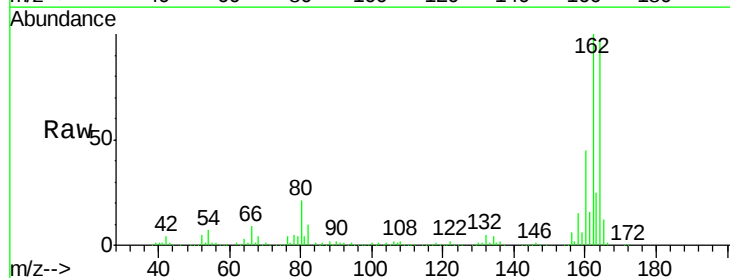
Tgt Ion: 164 Resp: 266210

Ion Ratio Lower Upper

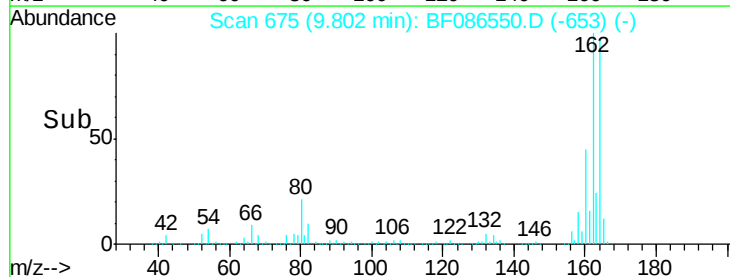
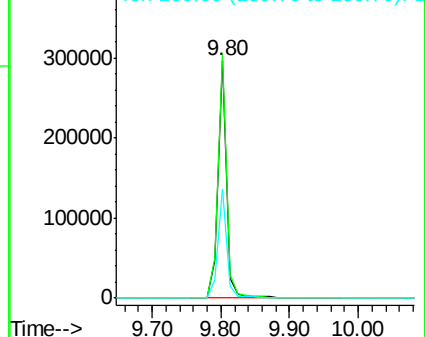
164 100

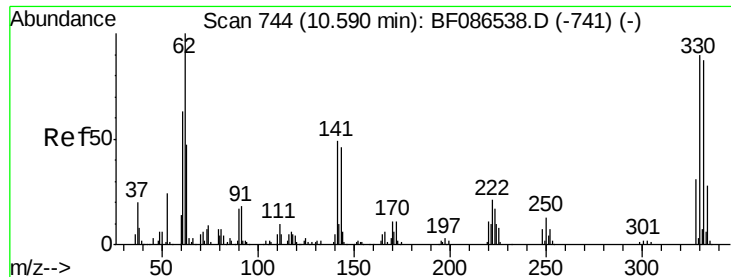
162 102.6 82.8 124.2

160 46.2 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

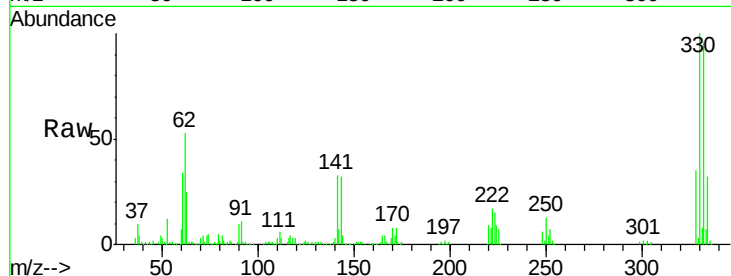




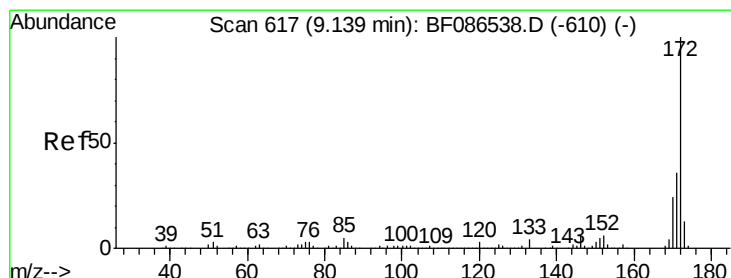
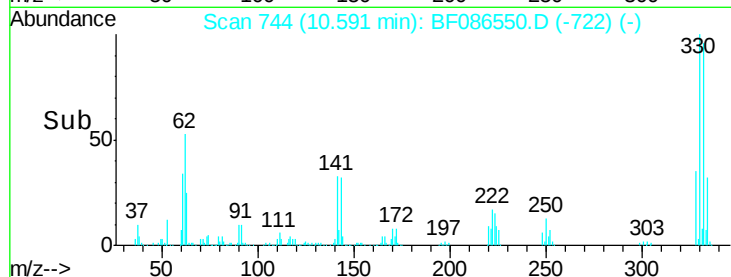
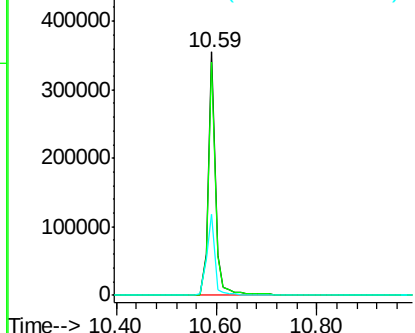
#41
 2,4,6-Tribromophenol
 Concen: 128.39 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086550.D
 Acq: 1 May 2016 4:45

Instrument :
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 HW-7-4-26-16

Tgt Ion:330 Resp: 360436
 Ion Ratio Lower Upper
 330 100
 332 95.8 79.0 118.4
 141 37.3 31.2 46.8

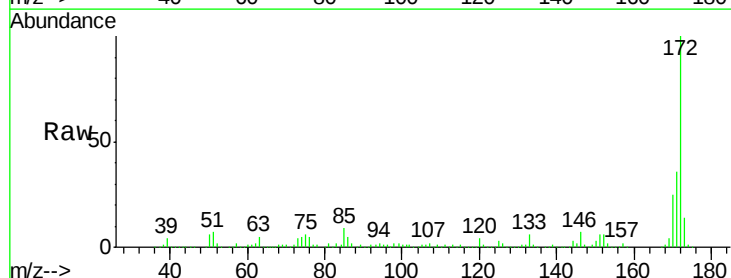


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

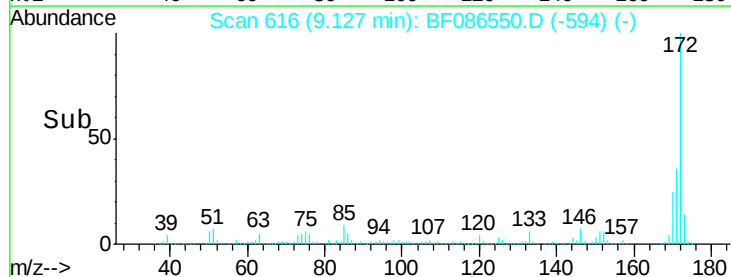
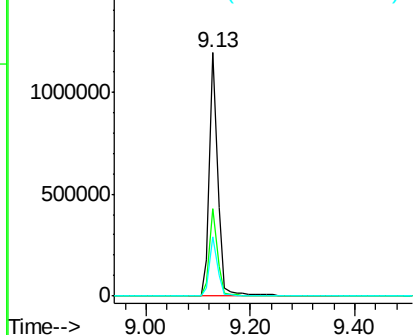


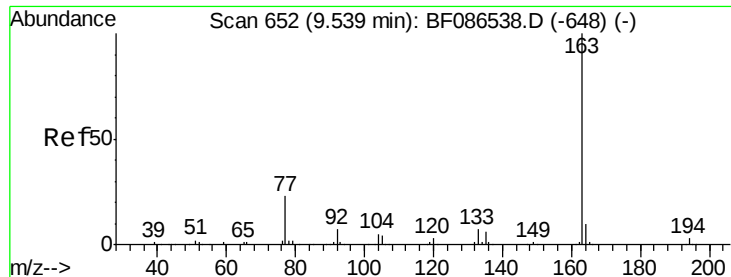
#44
 2-Fluorobiphenyl
 Concen: 90.15 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086550.D
 Acq: 1 May 2016 4:45

Tgt Ion:172 Resp: 1353748
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.5 19.8 29.8



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

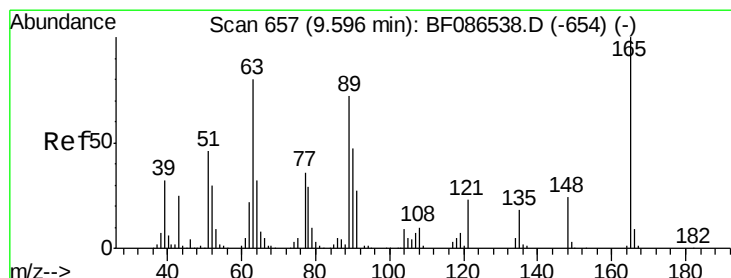
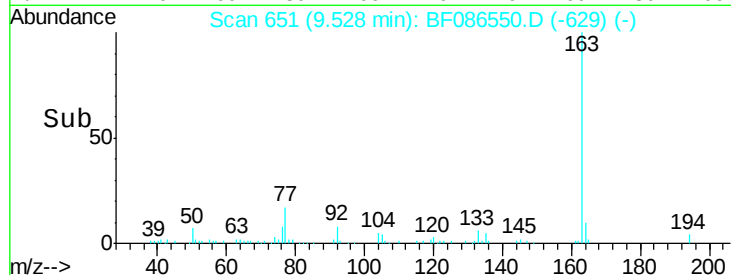
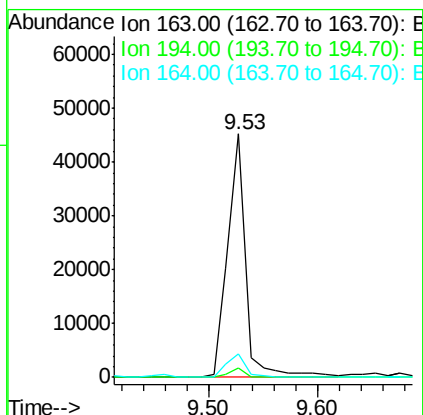
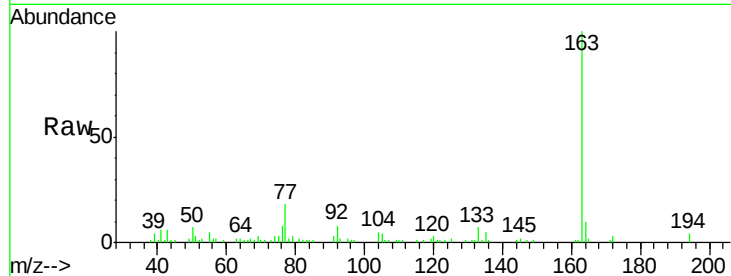




#49
Dimethylphthalate
Concen: 2.60 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

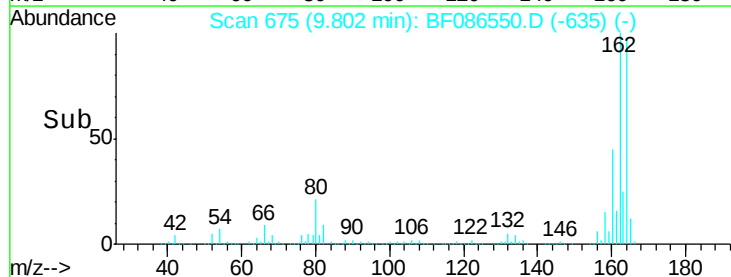
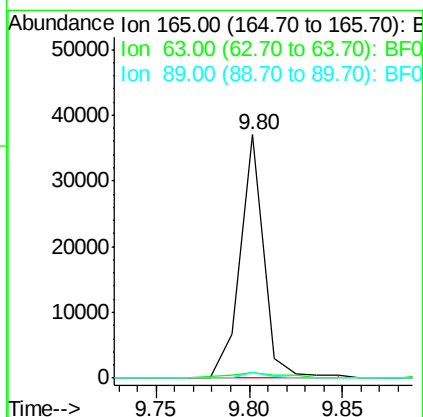
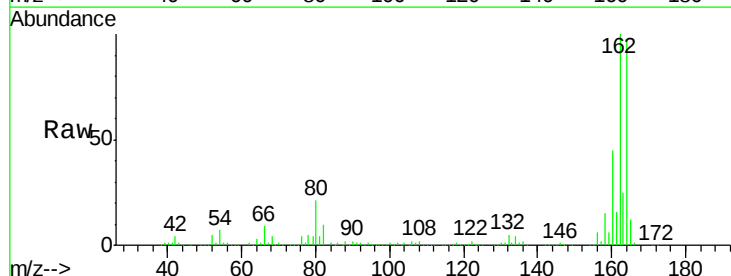
Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16

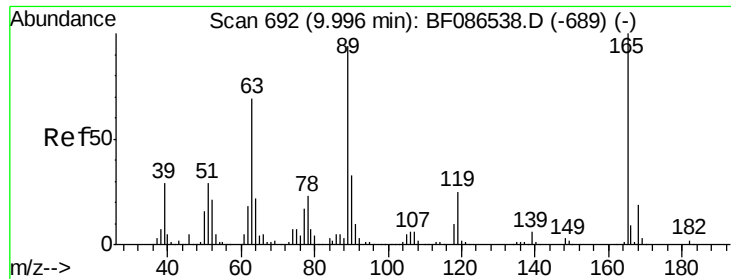
Tgt Ion:163 Resp: 52068
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 7.99 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.16 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Tgt Ion:165 Resp: 33068
Ion Ratio Lower Upper
165 100
63 2.3 51.8 77.8#
89 2.1 50.7 76.1#

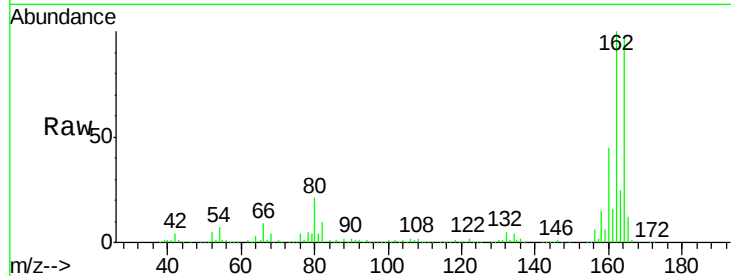




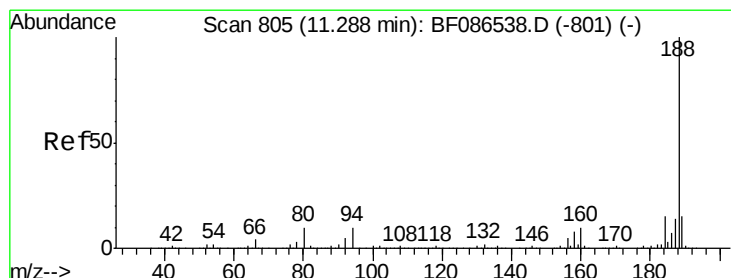
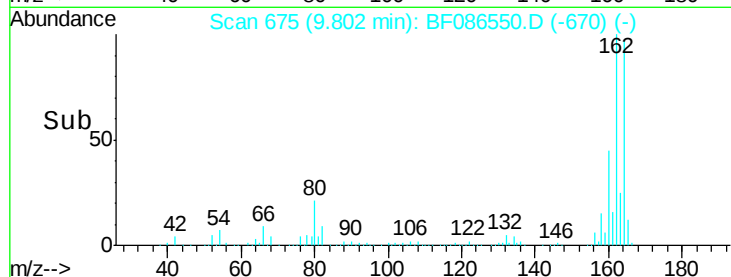
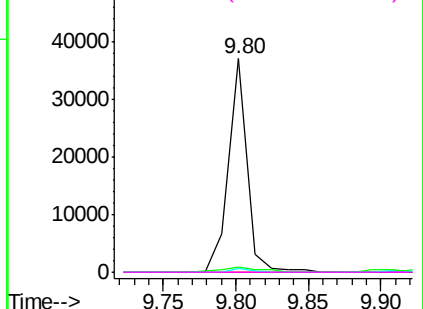
#56
2,4-Dinitrotoluene
Concen: 6.26 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.24 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16

Tgt Ion:165 Resp: 33064
Ion Ratio Lower Upper
165 100
63 2.3 44.3 66.5#
89 2.1 70.0 105.0#
182 0.0 1.8 2.6#

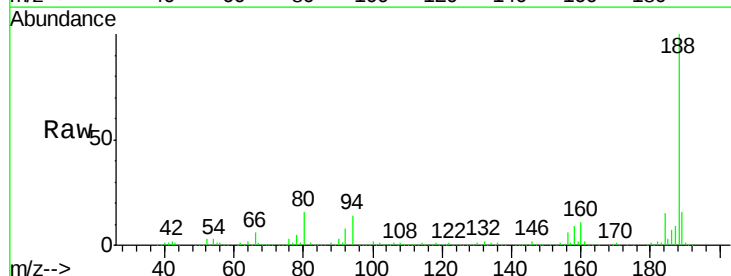


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

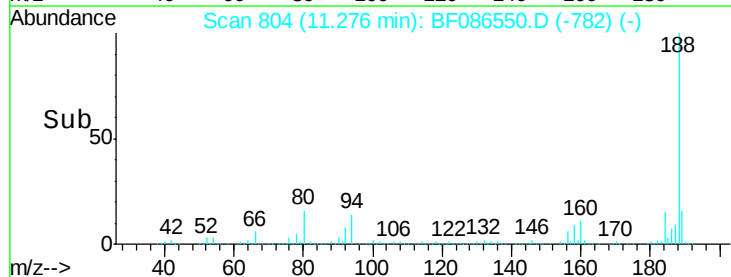
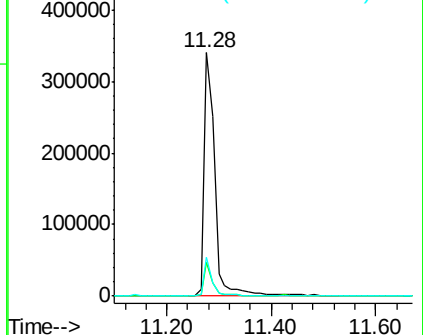


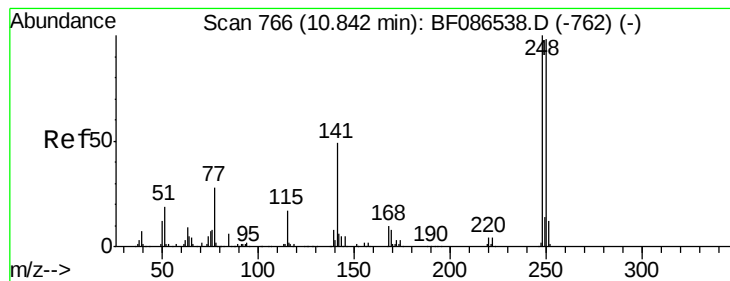
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086550.D
Acq: 1 May 2016 4:45

Tgt Ion:188 Resp: 487979
Ion Ratio Lower Upper
188 100
94 13.9 6.8 10.2#
80 16.0 7.1 10.7#



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





#66

4-Bromophenyl-phenylether

Concen: 4.38 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.29 min

Lab File: BF086550.D

Acq: 1 May 2016 4:45

Instrument :

BNA_F

ClientSampleId :

HW-7-4-26-16

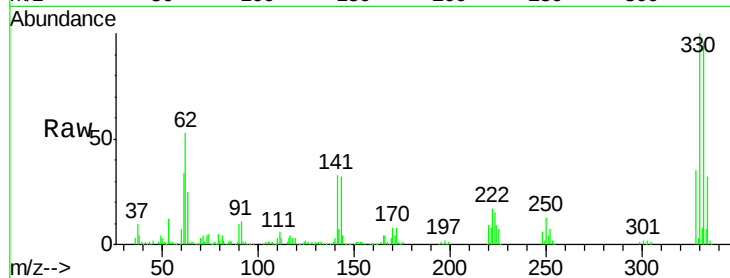
Tgt Ion:248 Resp: 22013

Ion Ratio Lower Upper

248 100

250 194.0 78.6 117.8#

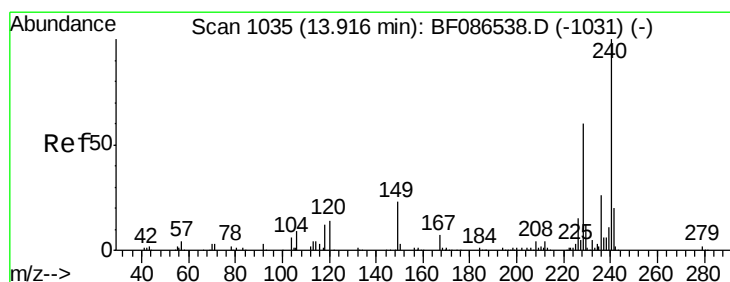
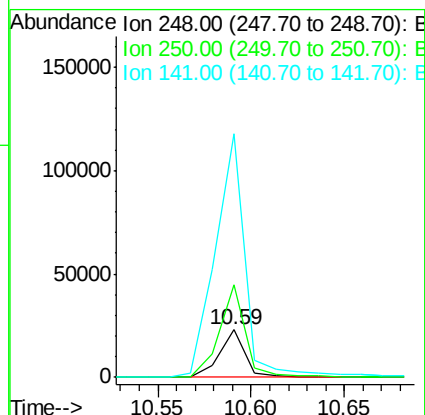
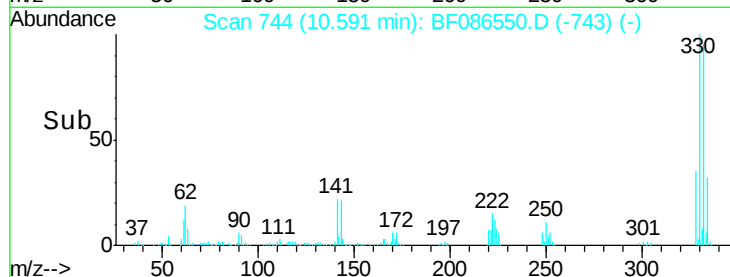
141 510.5 76.0 114.0#



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: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086550.D

Acq: 1 May 2016 4:45

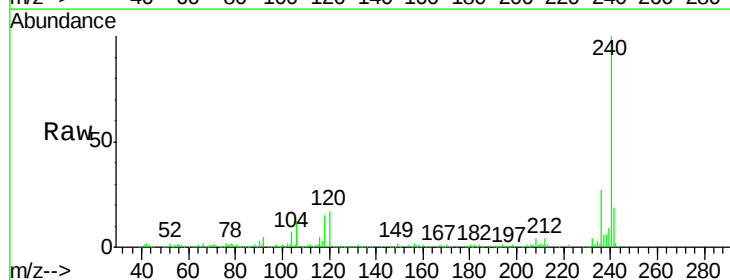
Tgt Ion:240 Resp: 369311

Ion Ratio Lower Upper

240 100

120 17.4 11.2 16.8#

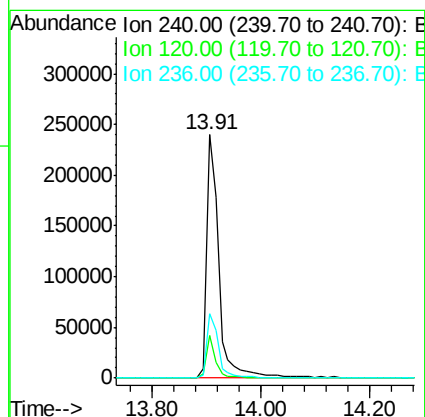
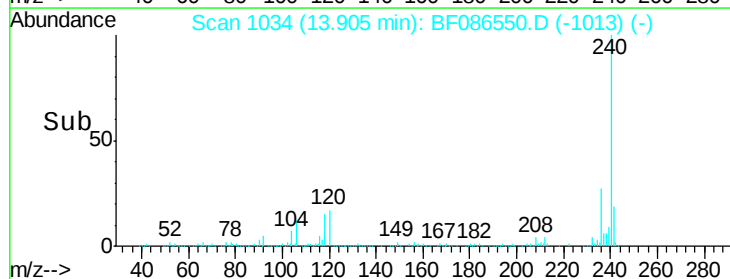
236 26.7 21.2 31.8

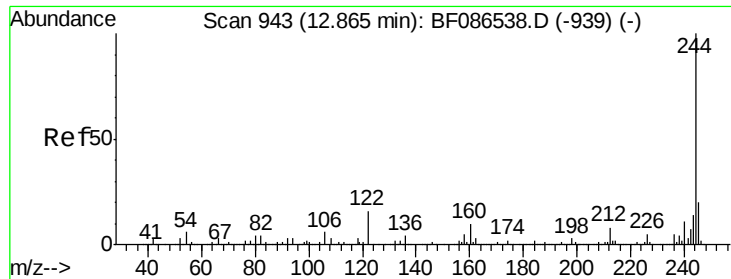


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

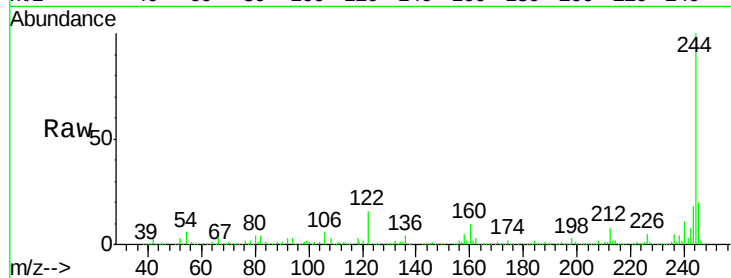




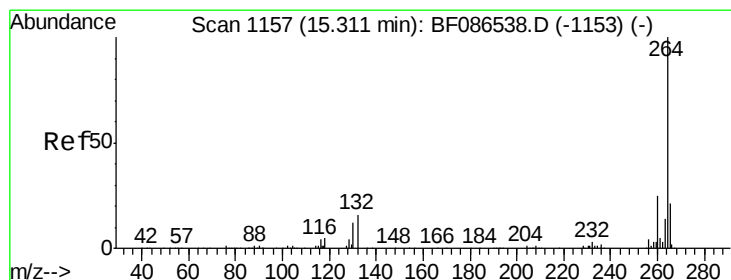
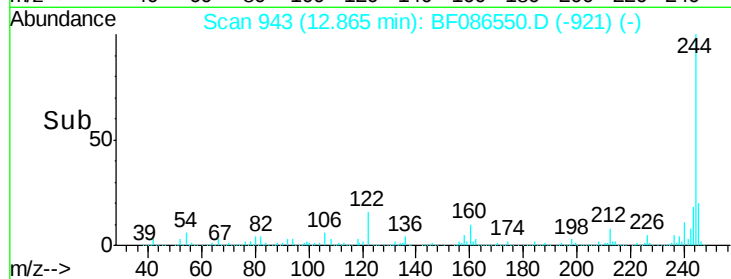
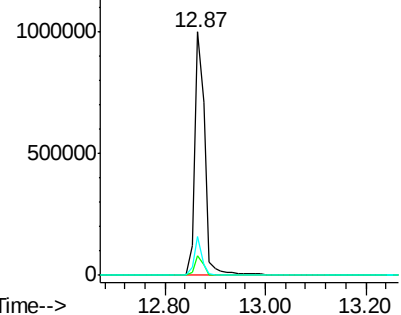
#78
 Terphenyl-d14
 Concen: 82.41 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086550.D
 Acq: 1 May 2016 4:45

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-4-26-16

Tgt Ion:244 Resp: 1381435
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 15.9 12.0 18.0

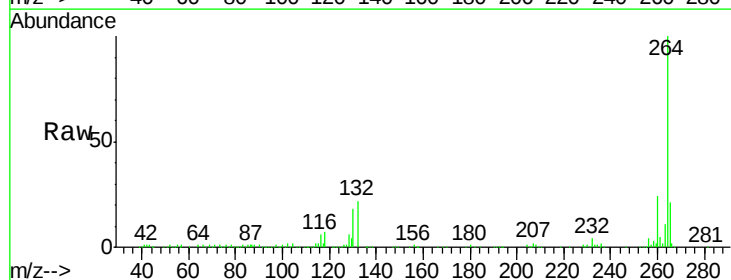


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086550.D
 Acq: 1 May 2016 4:45

Tgt Ion:264 Resp: 285831
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.4 17.3 25.9



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

