

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086554.D
 Acq On : 1 May 2016 6:39
 Operator : UM/SJ
 Sample : H2737-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-15-4-26-16

Quant Time: May 02 00:48:13 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

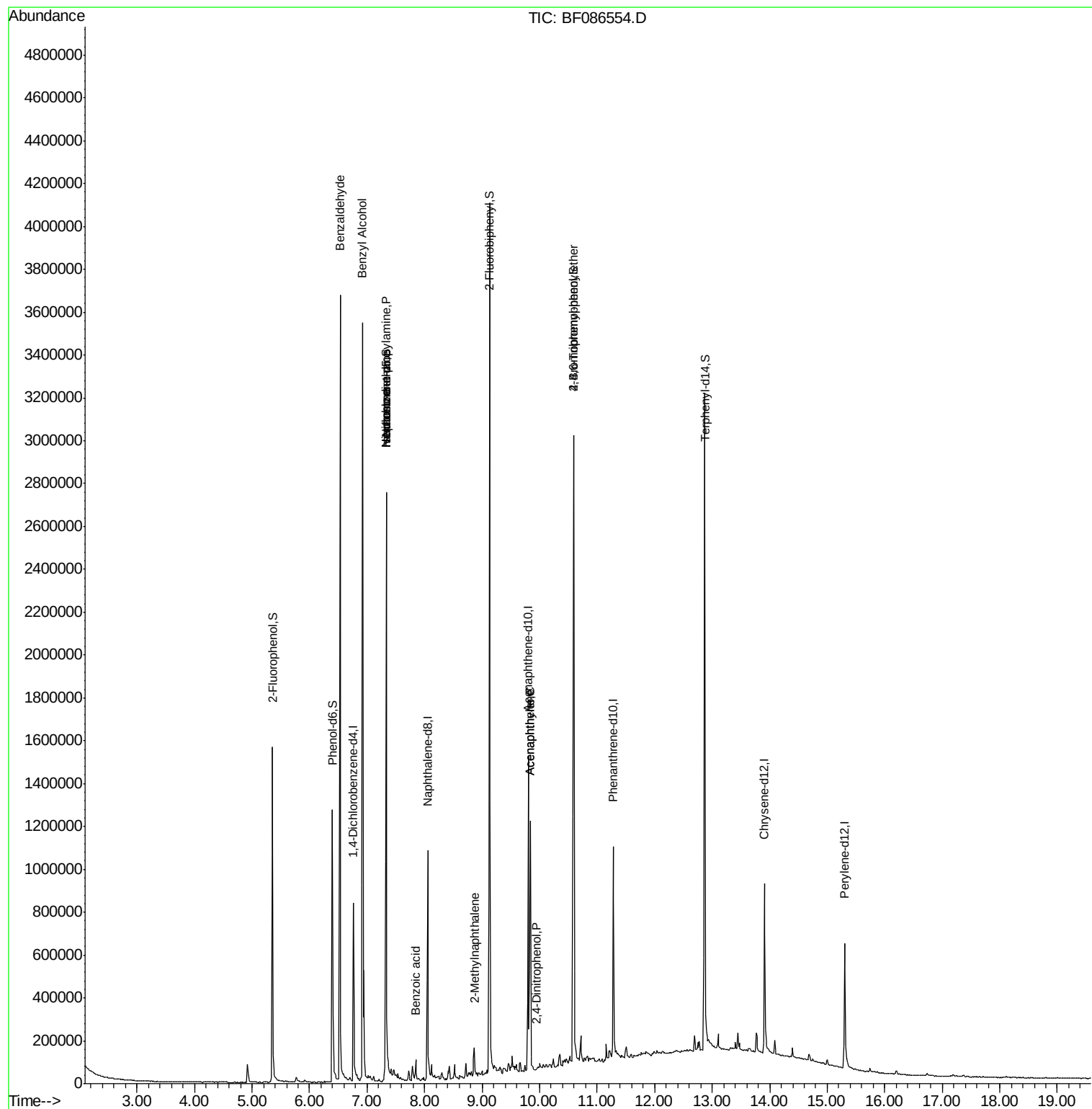
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	132556	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	578310	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	287327	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	533583	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	409180	20.00	ng	-0.06
86) Perylene-d12	15.30	264	341515	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	540256	70.30	ng	-0.03
7) Phenol-d6	6.40	99	443808	41.38	ng	-0.05
23) Nitrobenzene-d5	7.33	82	996309	92.86	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	385158	127.11	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1469505	90.82	ng	-0.05
78) Terphenyl-d14	12.88	244	1471686	79.24	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.53	77	24886	3.99	ng	# 77
15) Benzyl Alcohol	6.92	79	17968	2.65	ng	# 41
18) Hexachloroethane	7.33	117	14494	3.65	ng	# 6
19) n-Nitroso-di-n-propylamine	7.33	70	138480	19.53	ng	# 76
25) Isophorone	7.33	82	718941	34.82	ng	# 68
32) Benzoic acid	7.85	122	17666	11.45	ng	# 19
37) 2-Methylnaphthalene	8.86	142	39996	2.30	ng	# 96
48) Acenaphthylene	9.84	152	147973	5.18	ng	# 1
51) Acenaphthene	9.84	154	282822	15.43	ng	# 98
53) 2,4-Dinitrophenol	9.95	184	466	8.00	ng	# 53
66) 4-Bromophenyl-phenylether	10.59	248	23104	4.20	ng	# 1

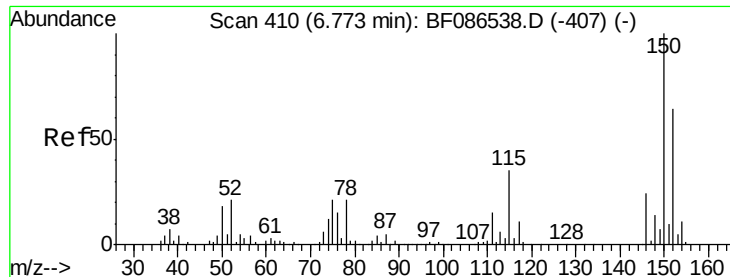
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086554.D
Acq On : 1 May 2016 6:39
Operator : UM/SJ
Sample : H2737-05
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HW-15-4-26-16

Quant Time: May 02 00:48:13 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086554.D

Acq: 1 May 2016 6:39

Instrument :

BNA_F

ClientSampleId :

HW-15-4-26-16

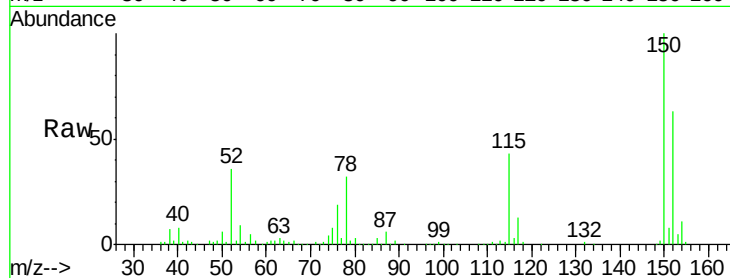
Tgt Ion:152 Resp: 132556

Ion Ratio Lower Upper

152 100

150 159.7 125.8 188.6

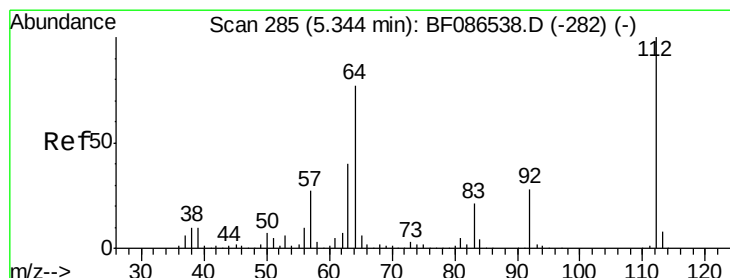
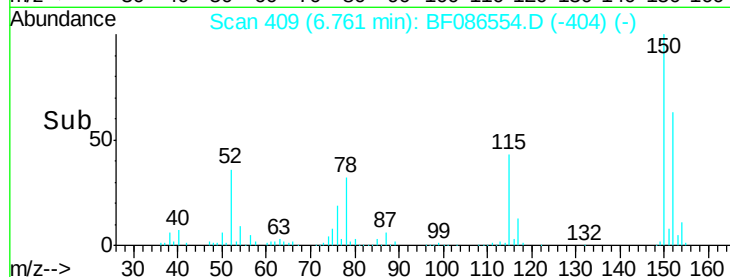
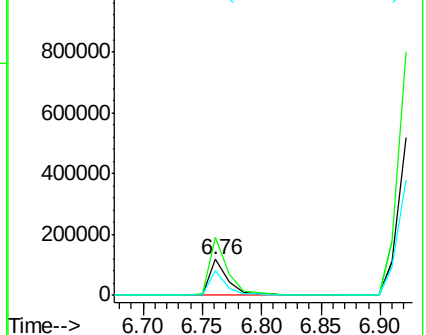
115 68.6 51.5 77.3



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: 70.30 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086554.D

Acq: 1 May 2016 6:39

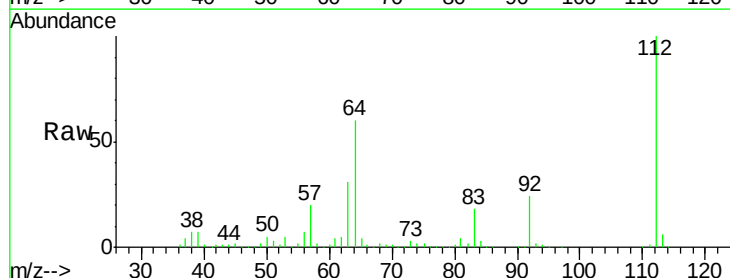
Tgt Ion:112 Resp: 540256

Ion Ratio Lower Upper

112 100

64 60.1 52.1 78.1

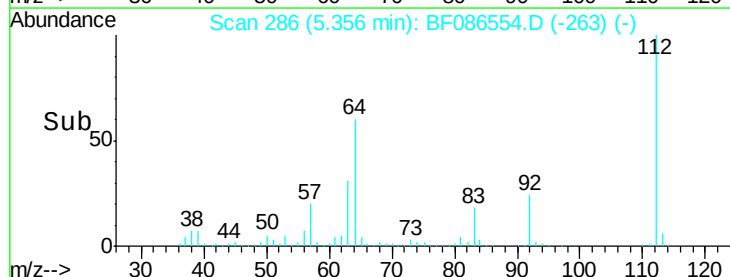
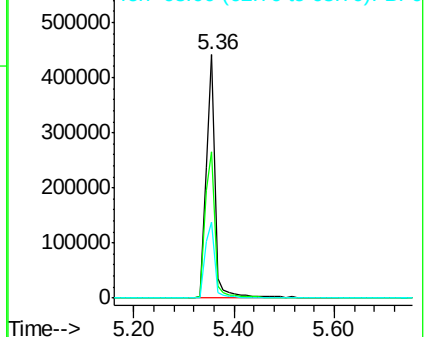
63 31.4 25.7 38.5

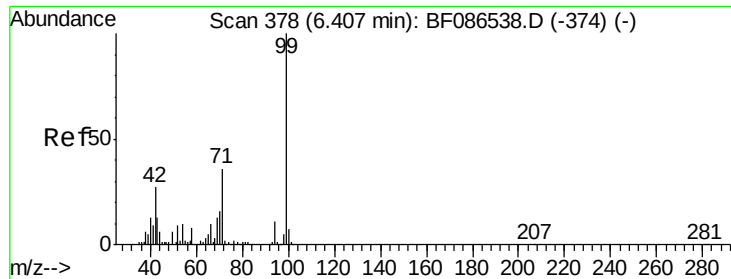


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.38 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086554.D

Acq: 1 May 2016 6:39

Instrument :

BNA_F

ClientSampleId :

HW-15-4-26-16

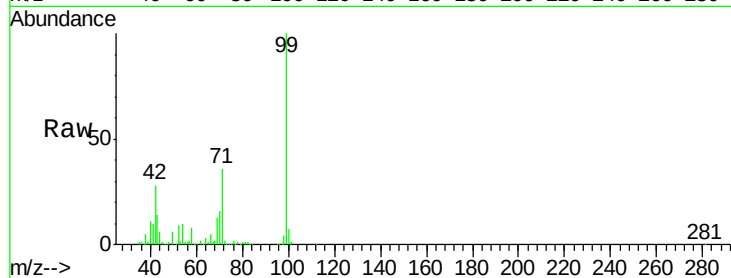
Tgt Ion: 99 Resp: 443808

Ion Ratio Lower Upper

99 100

42 27.9 13.6 20.4#

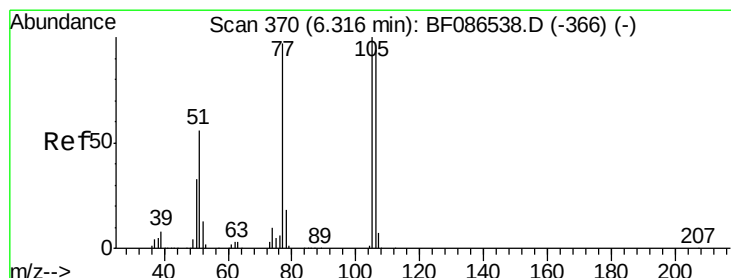
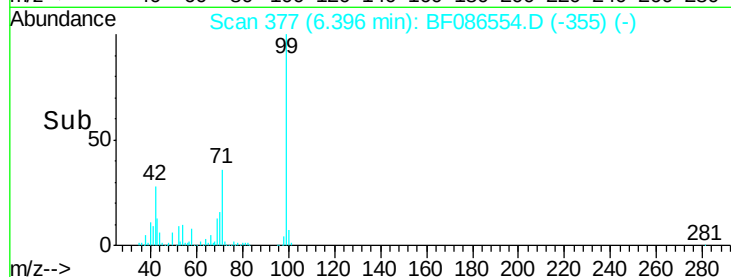
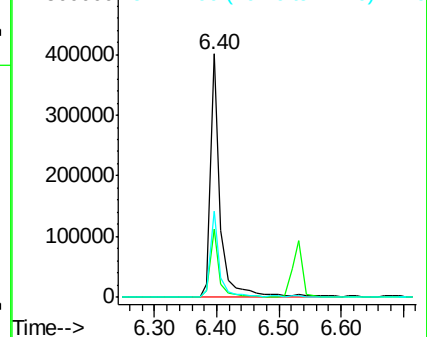
71 35.6 24.6 36.8



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: 3.99 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.18 min

Lab File: BF086554.D

Acq: 1 May 2016 6:39

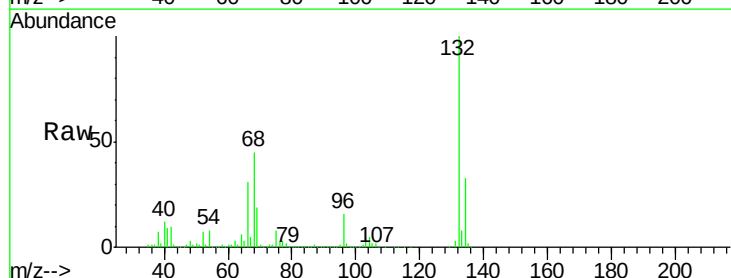
Tgt Ion: 77 Resp: 24886

Ion Ratio Lower Upper

77 100

105 74.9 72.7 112.7

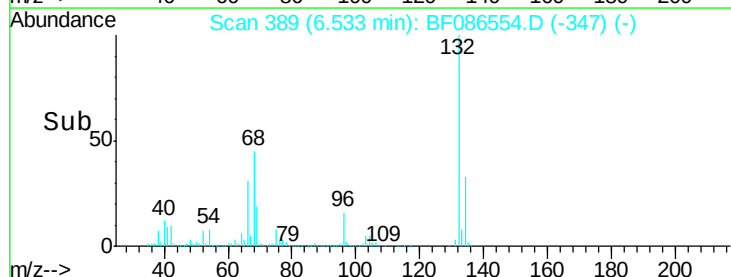
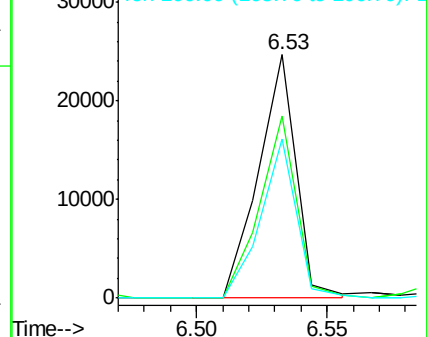
106 65.4 70.8 110.8#

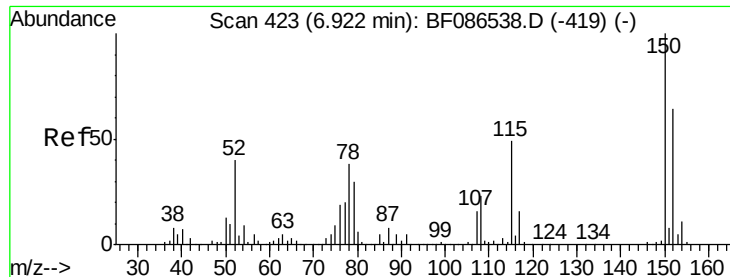


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.65 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.03 min

Lab File: BF086554.D

Acq: 1 May 2016 6:39

Instrument :

BNA_F

ClientSampleId :

HW-15-4-26-16

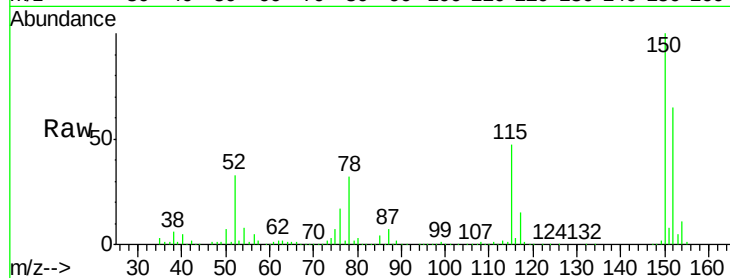
Tgt Ion: 79 Resp: 17968

Ion Ratio Lower Upper

79 100

108 30.8 68.4 102.6#

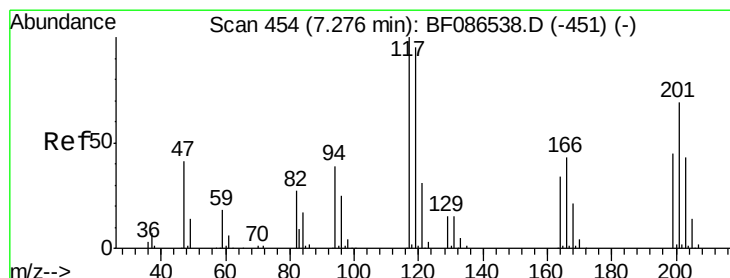
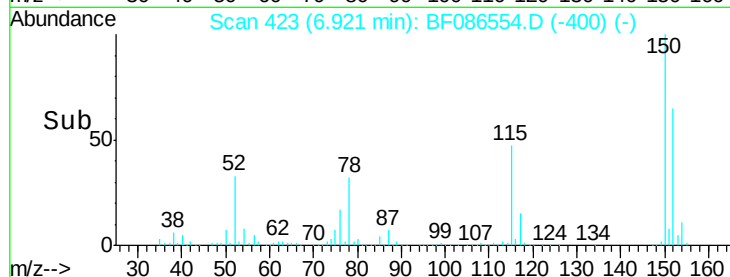
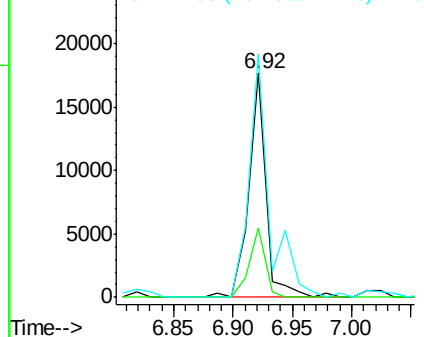
77 108.6 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 3.65 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF086554.D

Acq: 1 May 2016 6:39

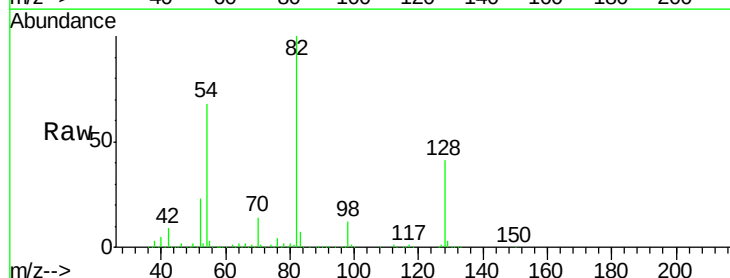
Tgt Ion: 117 Resp: 14494

Ion Ratio Lower Upper

117 100

119 0.0 76.5 114.7#

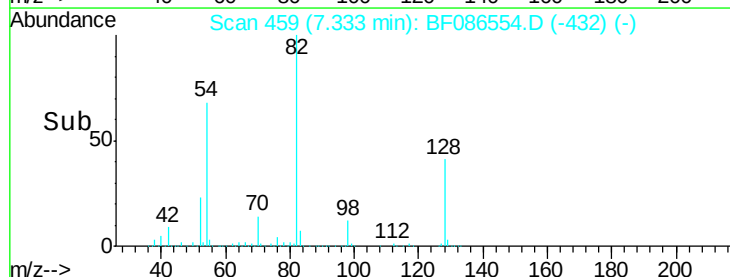
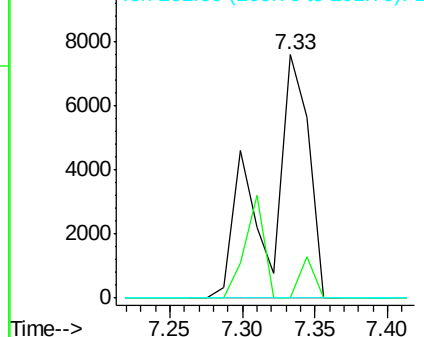
201 0.0 63.0 94.6#

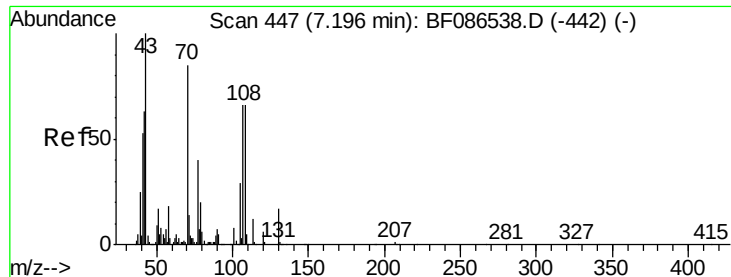


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

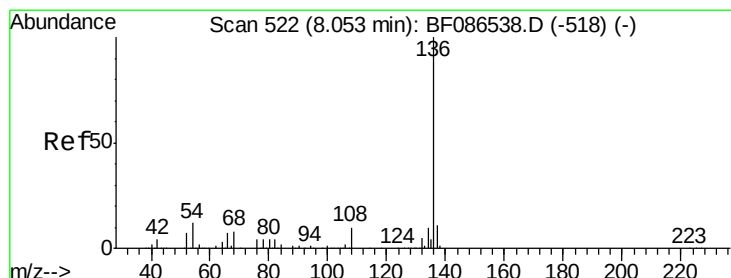
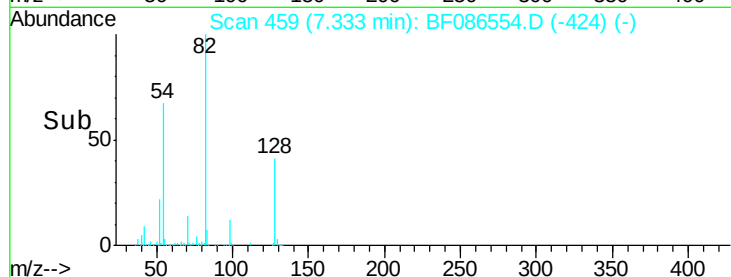
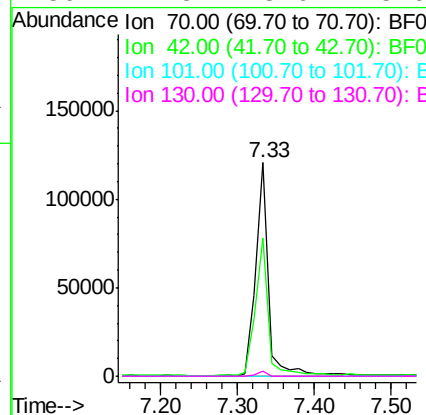
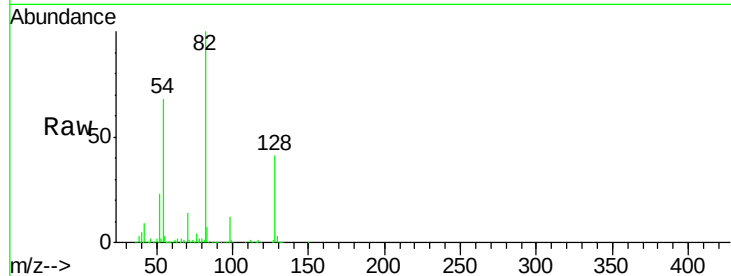




#19
n-Nitroso-di-n-propylamine
Concen: 19.53 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.10 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

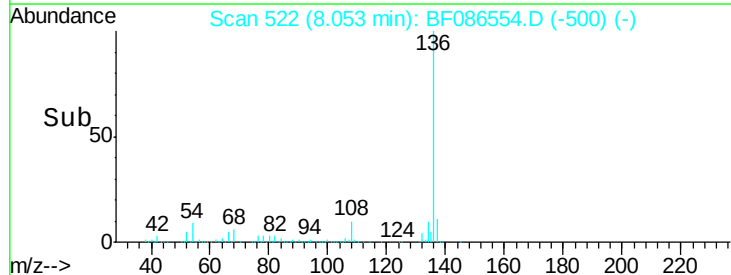
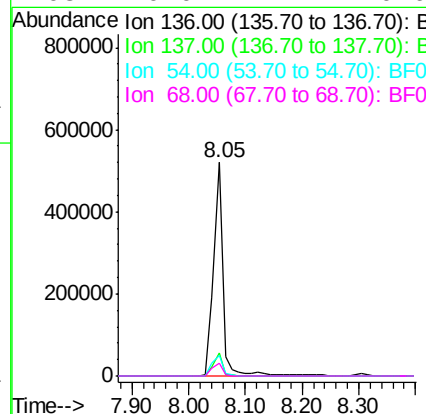
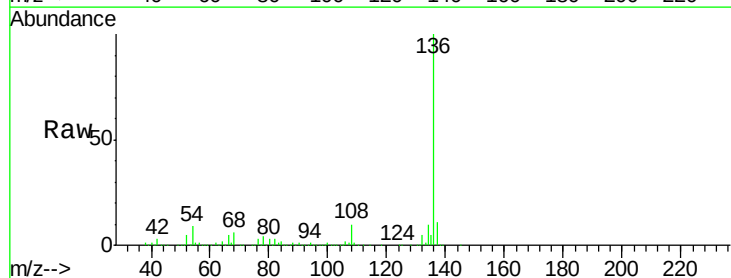
Instrument :
BNA_F
ClientSampleId :
HW-15-4-26-16

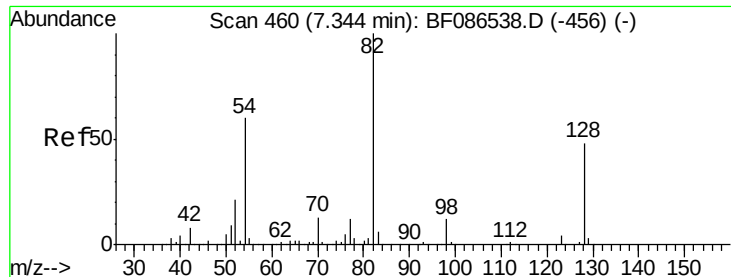
Tgt Ion: 70 Resp: 138480
Ion Ratio Lower Upper
70 100
42 64.6 43.1 64.7
101 0.0 8.1 12.1#
130 2.3 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Tgt Ion: 136 Resp: 578310
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.5 5.0 7.4#
68 6.0 4.4 6.6





#23

Nitrobenzene-d5

Concen: 92.86 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.05 min

Lab File: BF086554.D

Acq: 1 May 2016 6:39

Instrument :

BNA_F

ClientSampleId :

HW-15-4-26-16

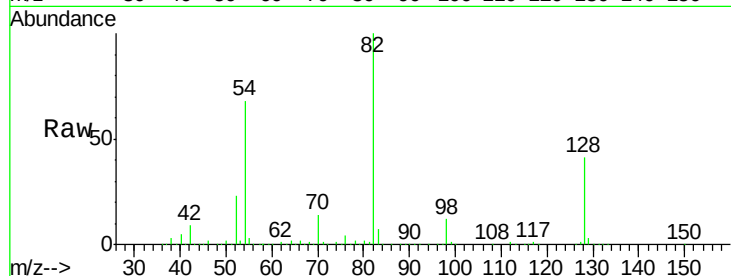
Tgt Ion: 82 Resp: 996309

Ion Ratio Lower Upper

82 100

128 41.3 40.6 61.0

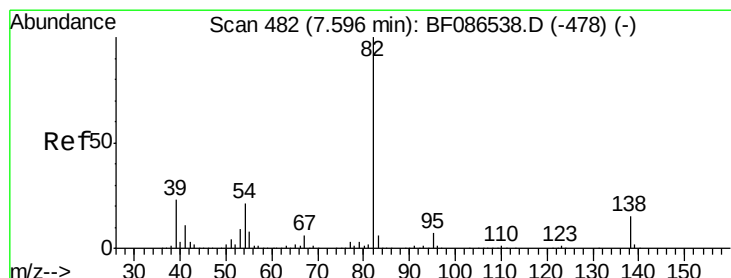
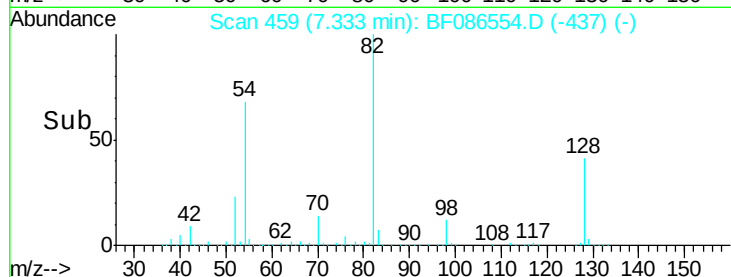
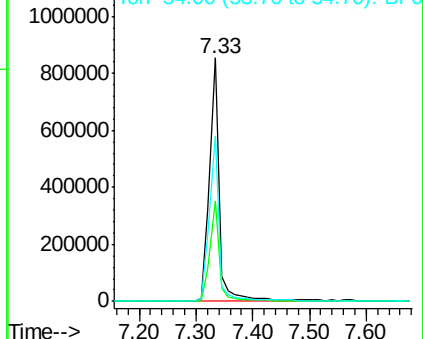
54 67.8 38.1 57.1#



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: 34.82 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.31 min

Lab File: BF086554.D

Acq: 1 May 2016 6:39

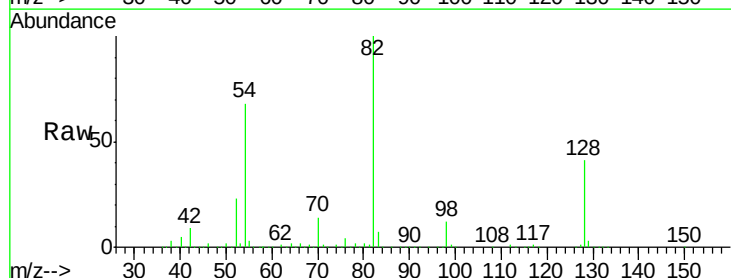
Tgt Ion: 82 Resp: 718941

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

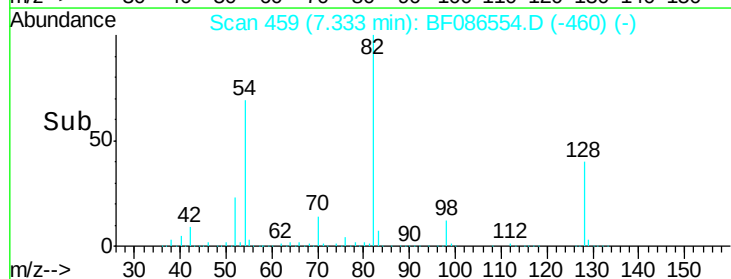
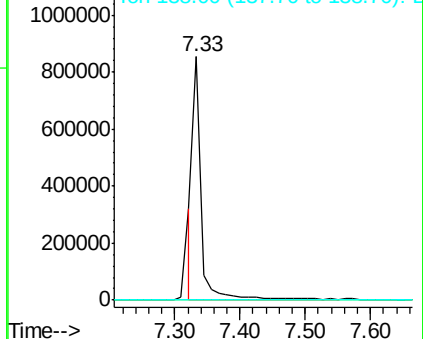
138 0.0 12.4 18.6#

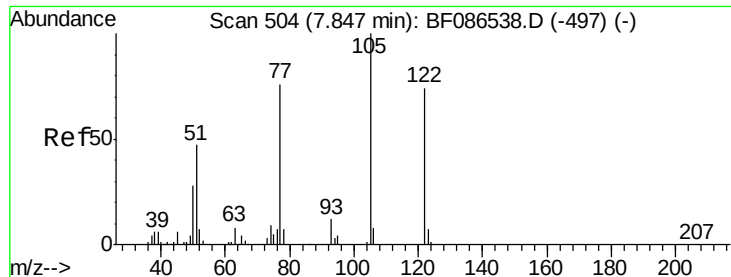


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

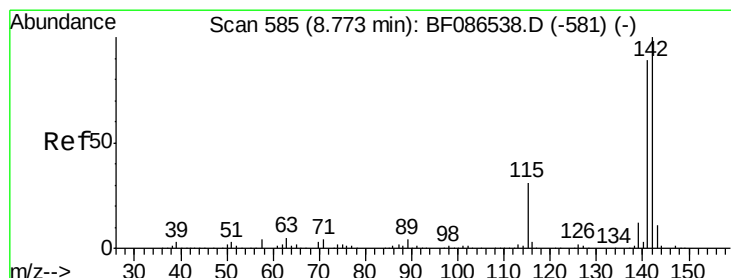
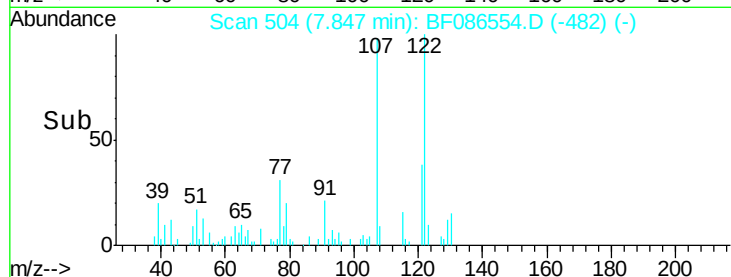
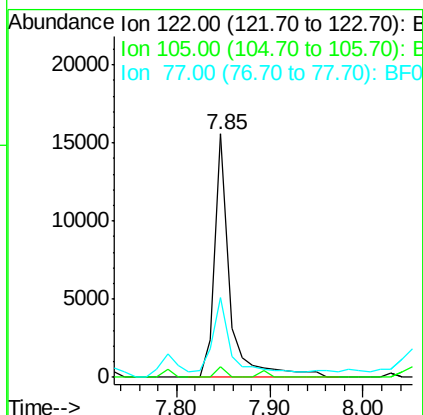
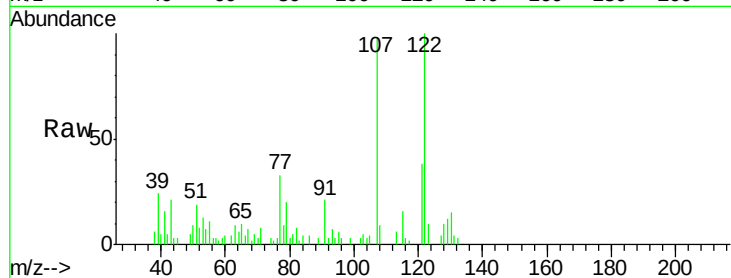




#32
Benzoic acid
Concen: 11.45 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.04 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

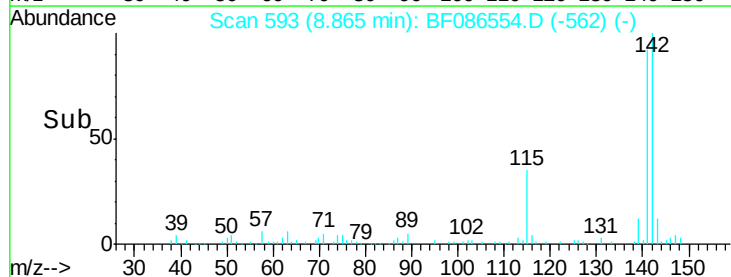
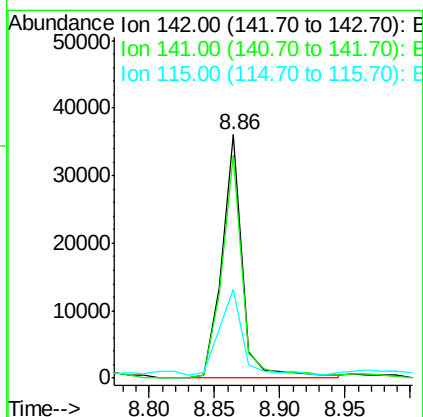
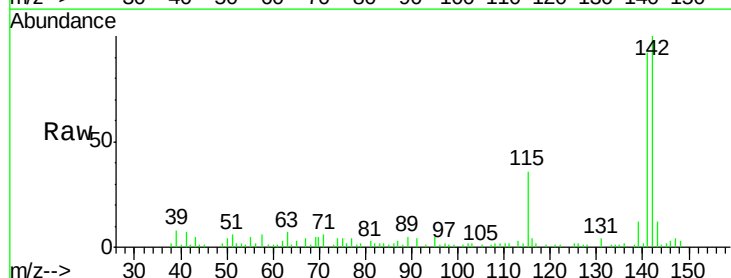
Instrument :
BNA_F
ClientSampleId :
HW-15-4-26-16

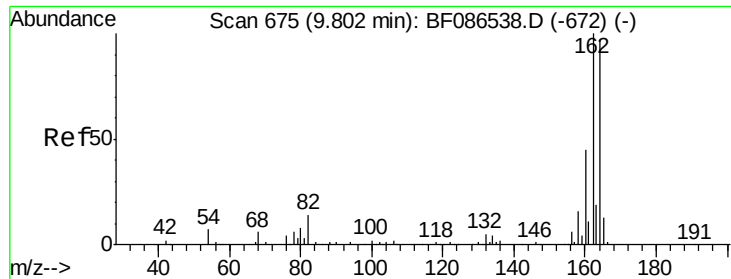
Tgt Ion	Ratio	Lower	Upper
122	100		
105	4.1	92.6	132.6#
77	32.8	60.0	100.0#



#37
2-Methylnaphthalene
Concen: 2.30 ng
RT: 8.86 min Scan# 593
Delta R.T. 0.06 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.0	106.6
115	36.4	26.6	39.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086554.D

Acq: 1 May 2016 6:39

Instrument :

BNA_F

ClientSampleId :

HW-15-4-26-16

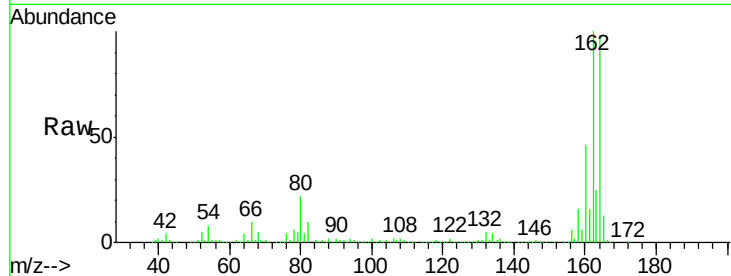
Tgt Ion:164 Resp: 287327

Ion Ratio Lower Upper

164 100

162 101.7 82.8 124.2

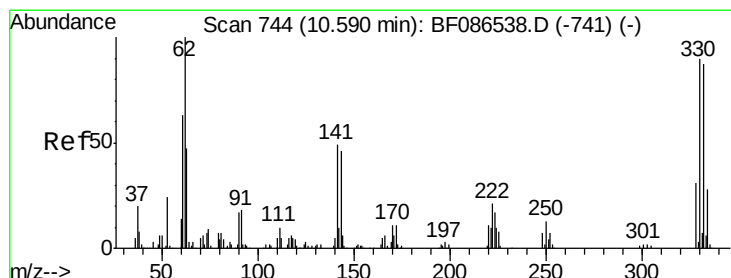
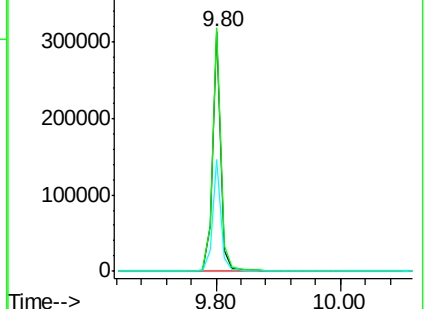
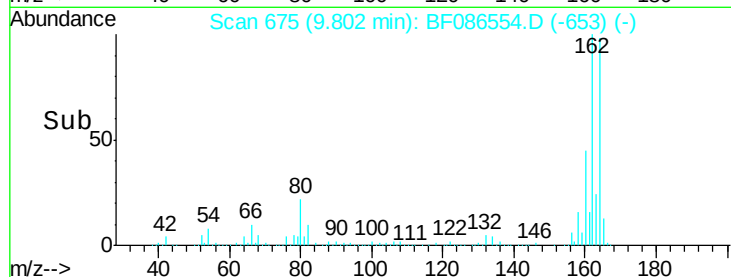
160 46.4 36.9 55.3



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: 127.11 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.05 min

Lab File: BF086554.D

Acq: 1 May 2016 6:39

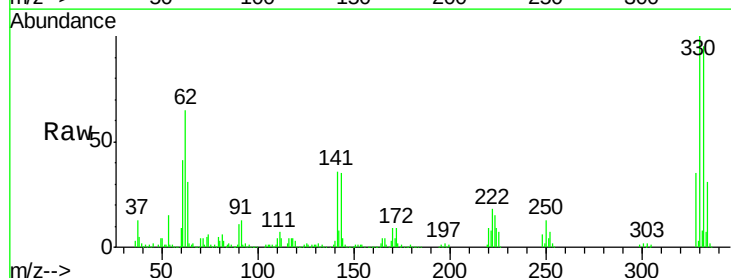
Tgt Ion:330 Resp: 385158

Ion Ratio Lower Upper

330 100

332 95.3 79.0 118.4

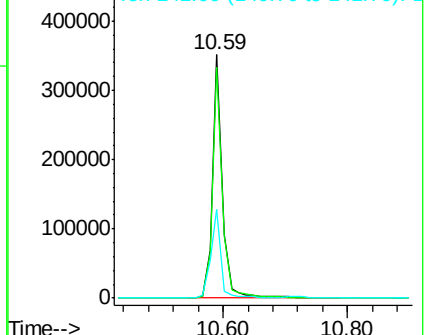
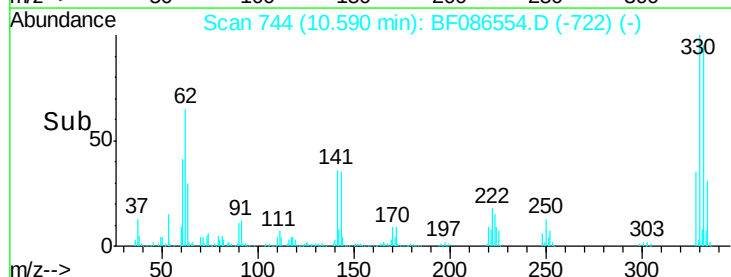
141 37.2 31.2 46.8

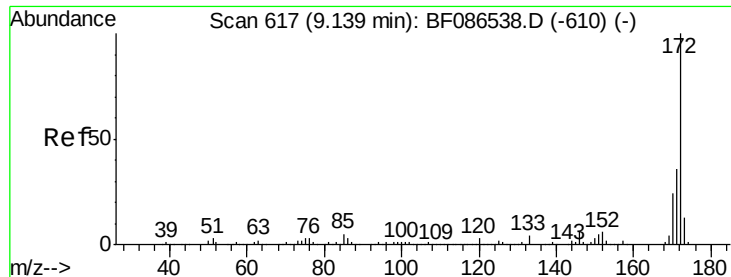


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

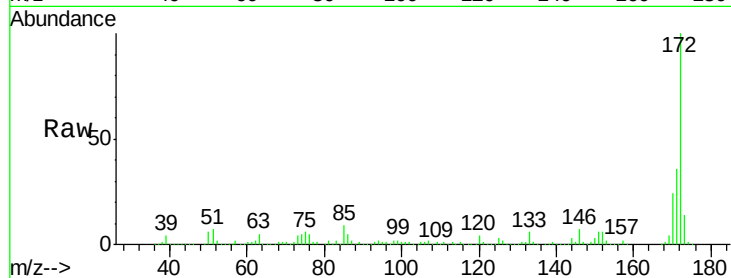




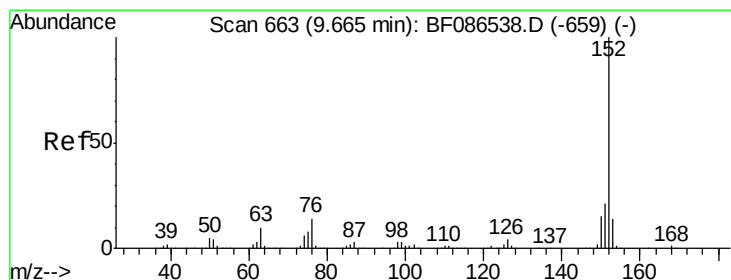
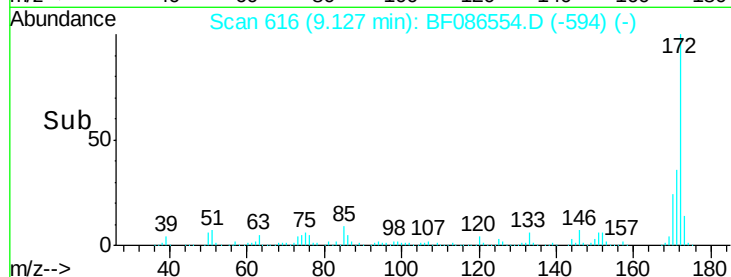
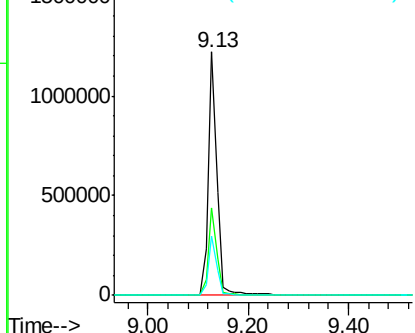
#44
 2-Fluorobiphenyl
 Concen: 90.82 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086554.D
 Acq: 1 May 2016 6:39

Instrument :
 BNA_F
 ClientSampleId :
 HW-15-4-26-16

Tgt Ion:172 Resp: 1469505
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.4 19.8 29.8

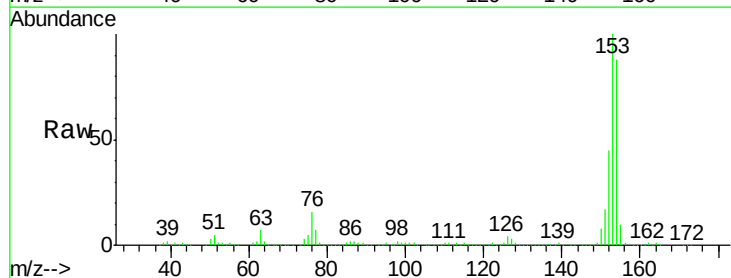


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

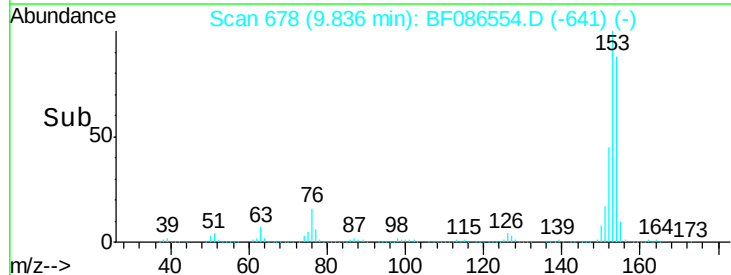
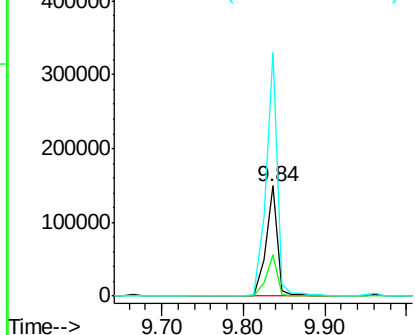


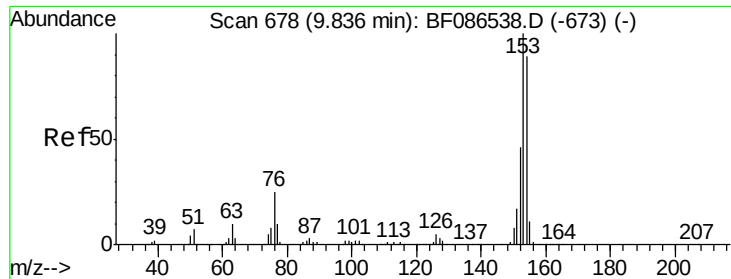
#48
 Acenaphthylene
 Concen: 5.18 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.13 min
 Lab File: BF086554.D
 Acq: 1 May 2016 6:39

Tgt Ion:152 Resp: 147973
 Ion Ratio Lower Upper
 152 100
 151 37.5 16.8 25.2#
 153 220.8 10.9 16.3#



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 15.43 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF086554.D

Acq: 1 May 2016 6:39

Instrument :

BNA_F

ClientSampleId :

HW-15-4-26-16

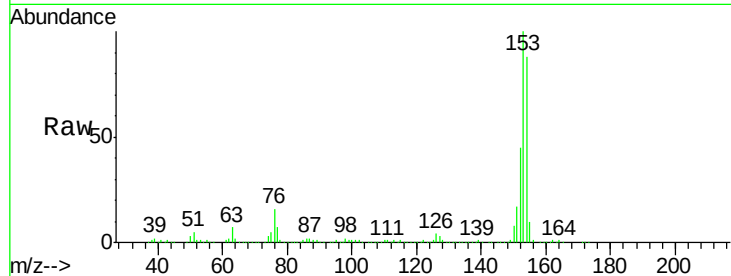
Tgt Ion:154 Resp: 282822

Ion Ratio Lower Upper

154 100

153 113.9 89.8 134.6

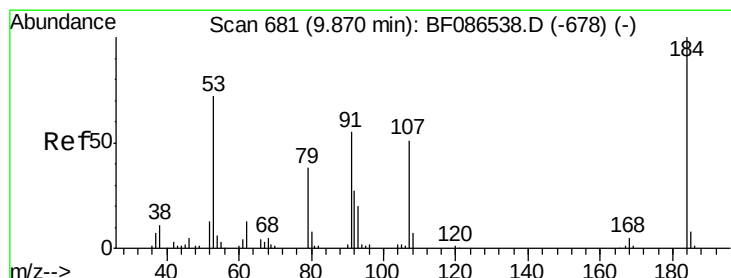
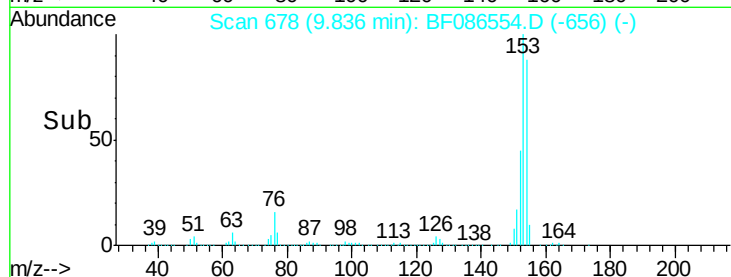
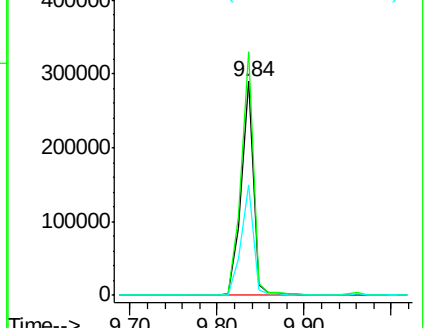
152 51.6 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 8.00 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.05 min

Lab File: BF086554.D

Acq: 1 May 2016 6:39

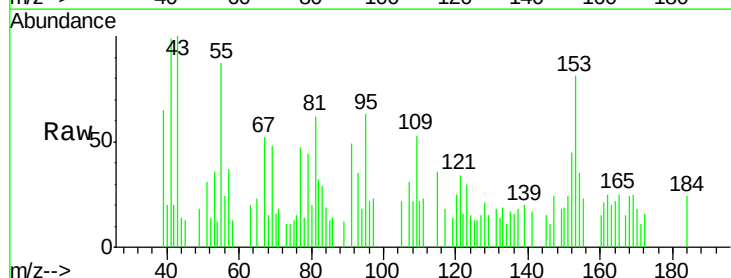
Tgt Ion:184 Resp: 466

Ion Ratio Lower Upper

184 100

63 82.8 55.8 83.8

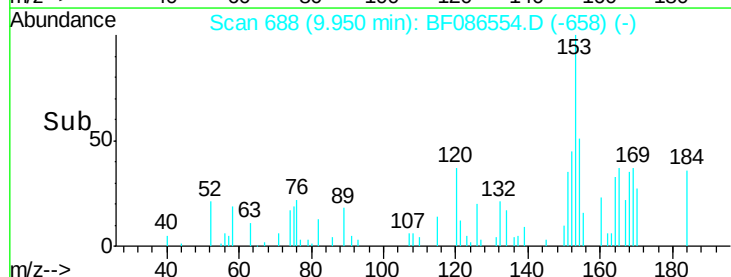
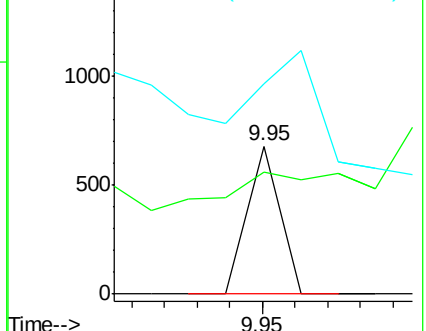
154 142.4 62.4 93.6#

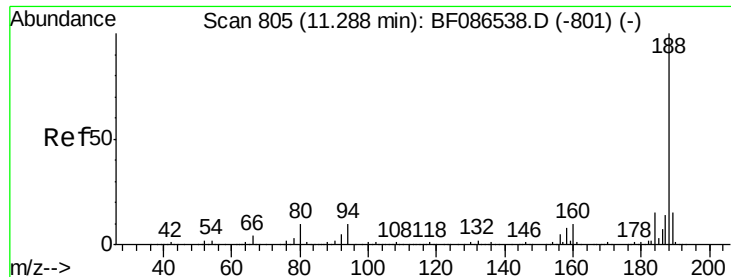


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

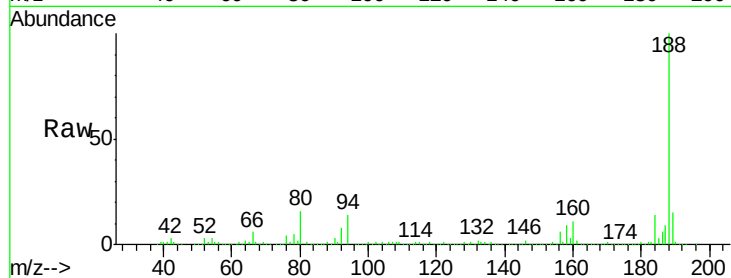




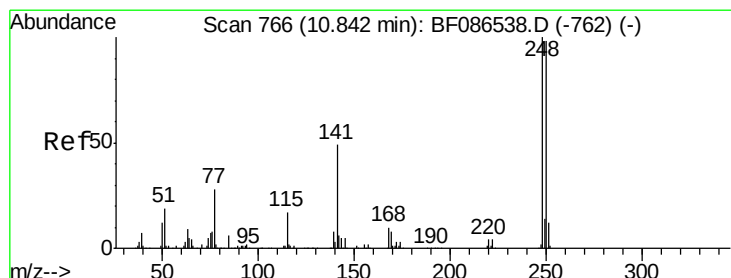
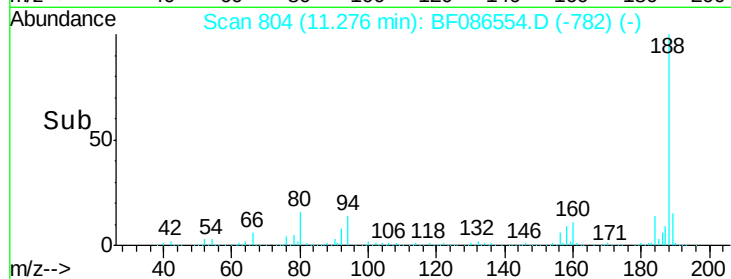
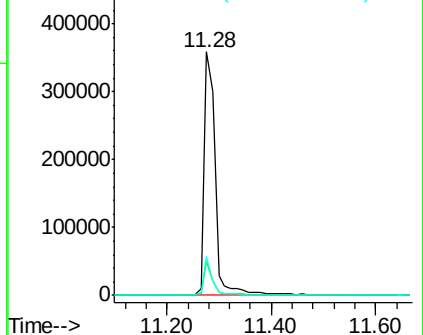
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086554.D
 Acq: 1 May 2016 6:39

Instrument :
 BNA_F
 ClientSampleId :
 HW-15-4-26-16

Tgt Ion:188 Resp: 533583
 Ion Ratio Lower Upper
 188 100
 94 14.1 6.8 10.2#
 80 16.0 7.1 10.7#

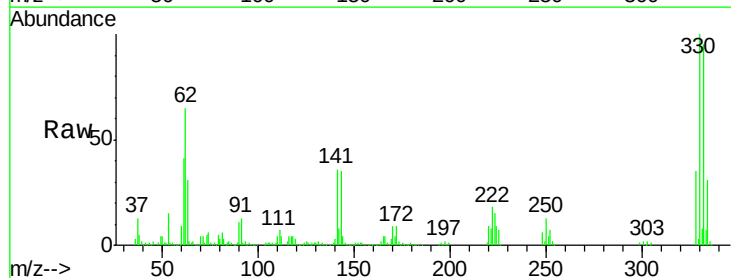


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

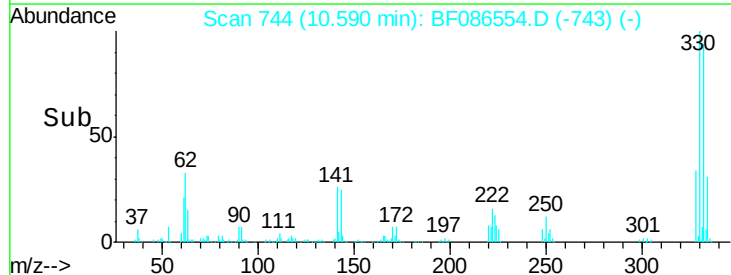
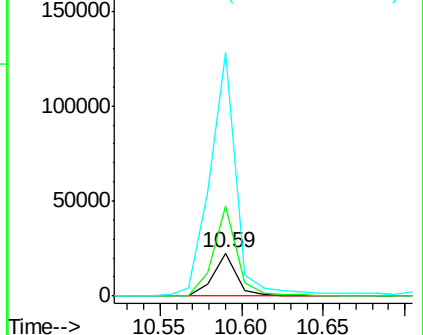


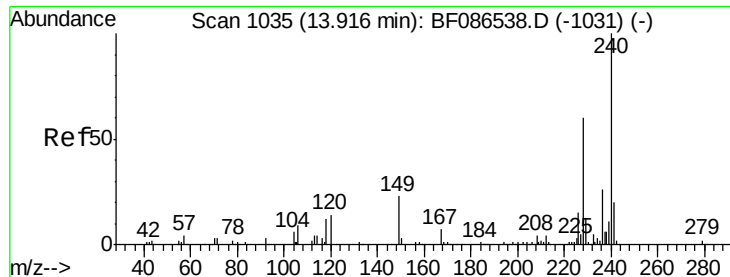
#66
 4-Bromophenyl-phenylether
 Concen: 4.20 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.29 min
 Lab File: BF086554.D
 Acq: 1 May 2016 6:39

Tgt Ion:248 Resp: 23104
 Ion Ratio Lower Upper
 248 100
 250 207.1 78.6 117.8#
 141 562.8 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: BF086554.D

Acq: 1 May 2016 6:39

Instrument :

BNA_F

ClientSampleId :

HW-15-4-26-16

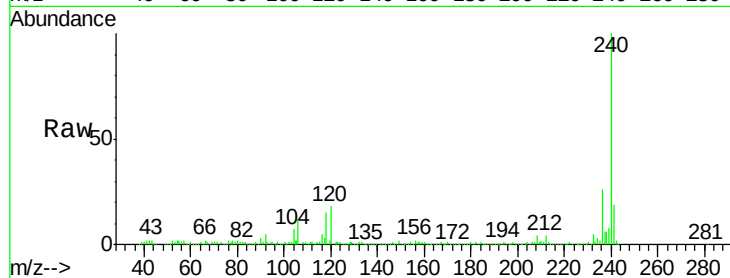
Tgt Ion:240 Resp: 409180

Ion Ratio Lower Upper

240 100

120 17.6 11.2 16.8#

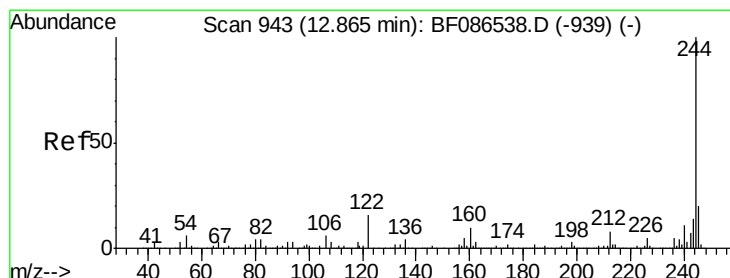
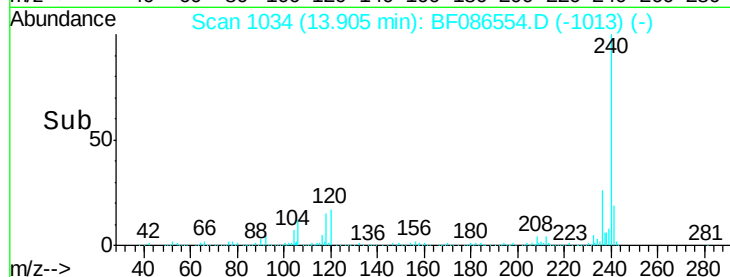
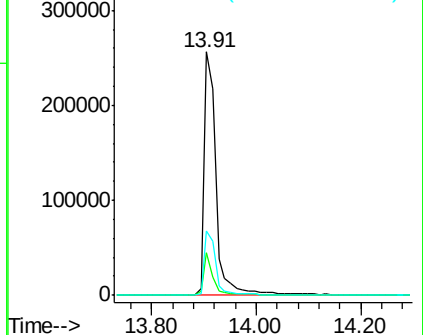
236 26.3 21.2 31.8



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: 79.24 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF086554.D

Acq: 1 May 2016 6:39

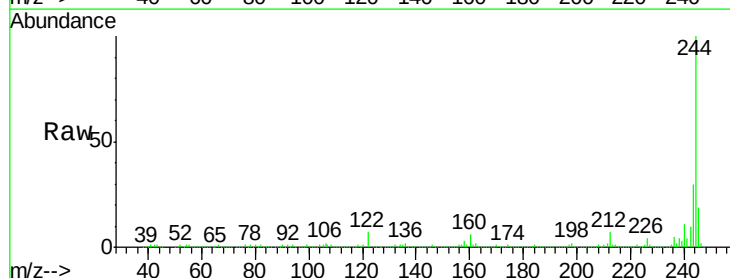
Tgt Ion:244 Resp: 1471686

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

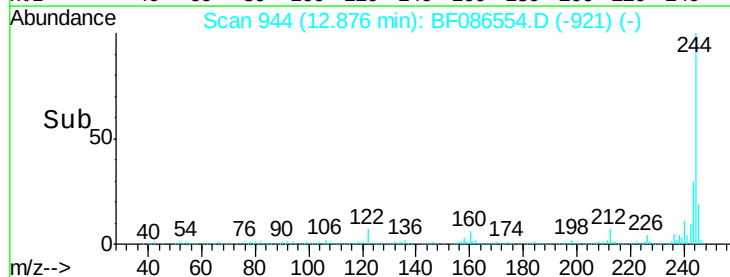
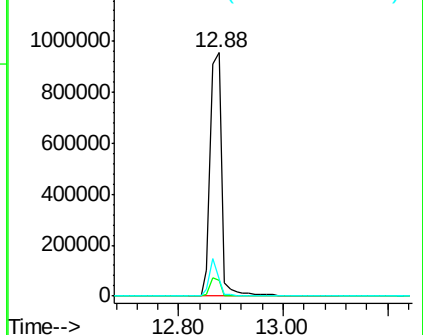
122 7.0 12.0 18.0#

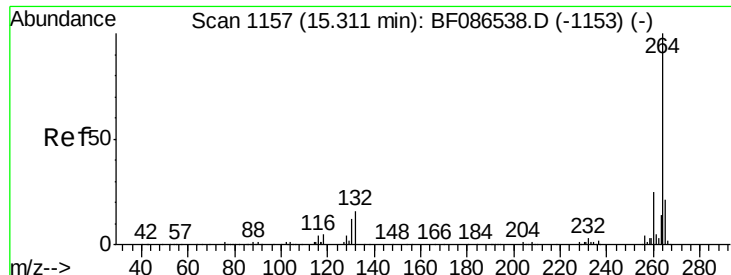


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

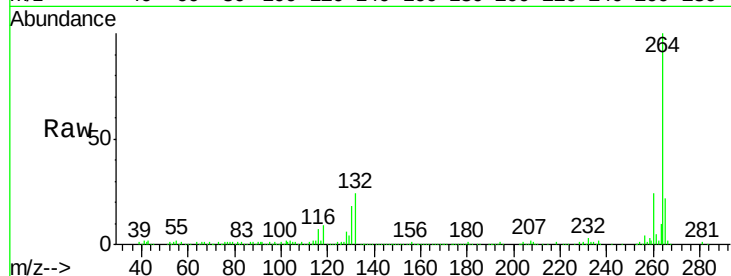




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.06 min
Lab File: BF086554.D
Acq: 1 May 2016 6:39

Instrument :
BNA_F
ClientSampleId :
HW-15-4-26-16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.8	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

