

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086556.D
 Acq On : 1 May 2016 7:36
 Operator : UM/SJ
 Sample : H2737-09
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-10-4-26-16

Quant Time: May 02 00:48:43 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

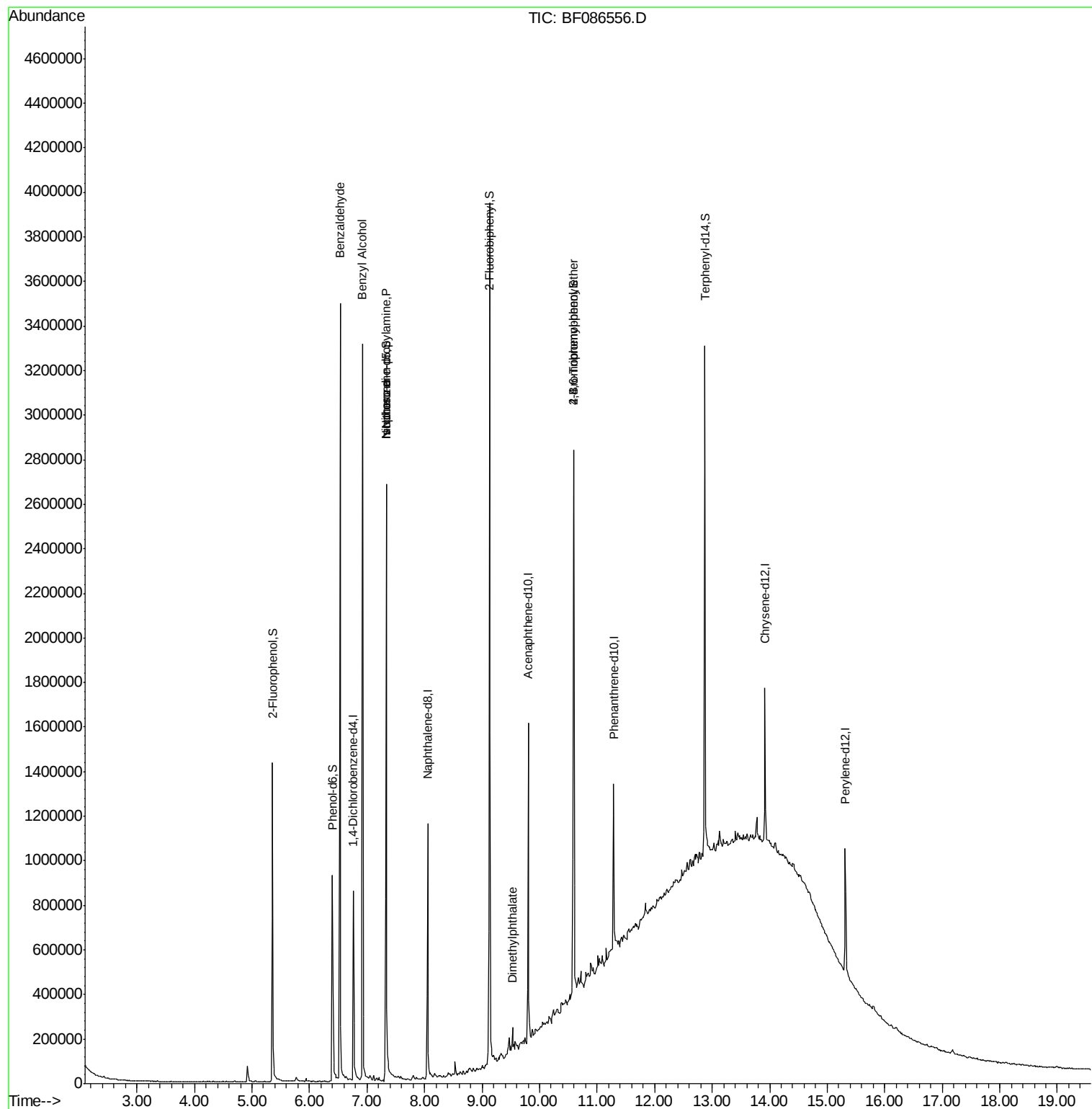
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	132192	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	574502	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	271075	20.00	ng	-0.05
63) Phenanthrene-d10	11.29	188	426387	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	287091	20.00	ng	-0.05
86) Perylene-d12	15.31	264	302161	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	455622	59.45	ng	-0.03
7) Phenol-d6	6.40	99	373680	34.94	ng	-0.05
23) Nitrobenzene-d5	7.33	82	953055	89.42	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	311367	108.92	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1403196	92.24	ng	-0.05
78) Terphenyl-d14	12.88	244	1066037	81.81	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.53	77	22904	3.68	ng	# 77
15) Benzyl Alcohol	6.92	79	17760	2.62	ng	# 42
19) n-Nitroso-di-n-propylamine	7.33	70	129214	18.28	ng	# 76
25) Isophorone	7.33	82	757118	36.91	ng	# 68
49) Dimethylphthalate	9.53	163	51108	2.50	ng	98
66) 4-Bromophenyl-phenylether	10.59	248	18551	4.22	ng	# 1

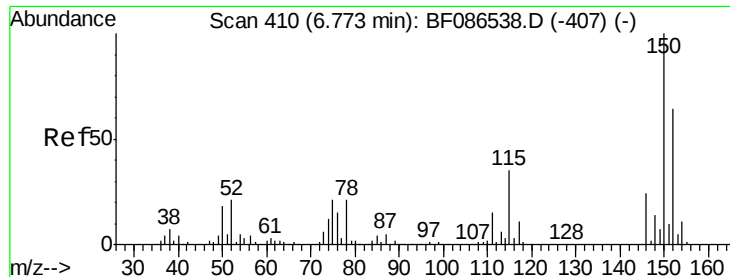
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086556.D

Acq: 1 May 2016 7:36

Instrument :

BNA_F

ClientSampleId :

HW-10-4-26-16

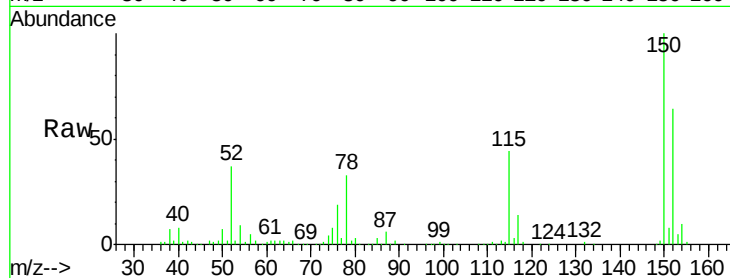
Tgt Ion:152 Resp: 132192

Ion Ratio Lower Upper

152 100

150 155.7 125.8 188.6

115 68.5 51.5 77.3

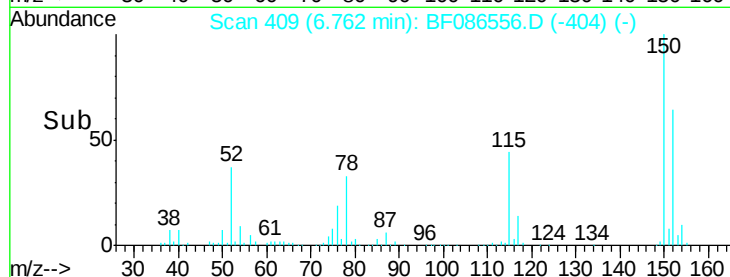


Abundance Ion 152.00 (151.70 to 152.70): E

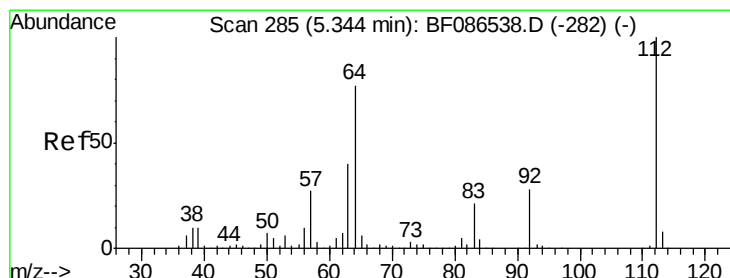
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



Time-->



#5

2-Fluorophenol

Concen: 59.45 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086556.D

Acq: 1 May 2016 7:36

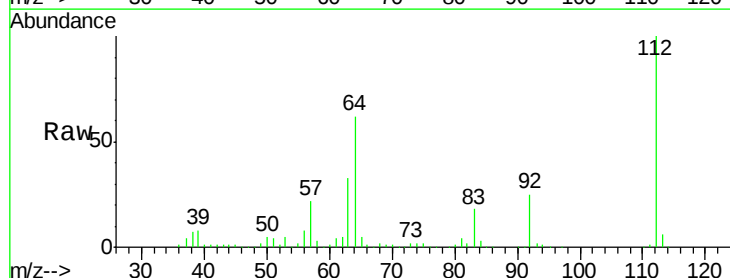
Tgt Ion:112 Resp: 455622

Ion Ratio Lower Upper

112 100

64 62.4 52.1 78.1

63 32.5 25.7 38.5

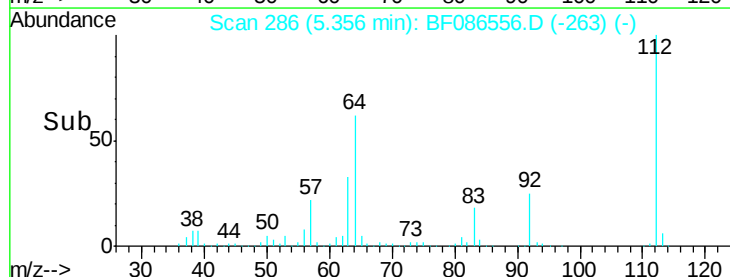


Abundance Ion 112.00 (111.70 to 112.70): E

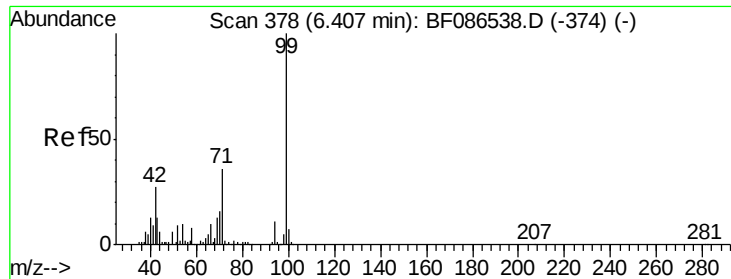
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 34.94 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086556.D

Acq: 1 May 2016 7:36

Instrument :

BNA_F

ClientSampleId :

HW-10-4-26-16

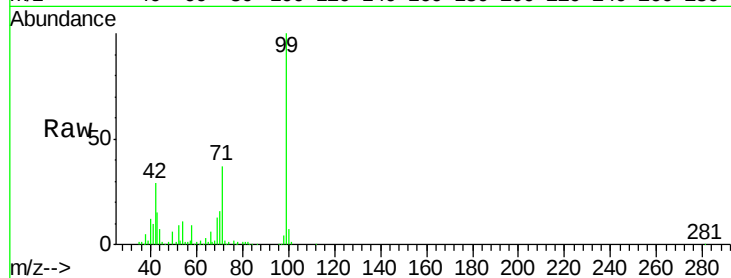
Tgt Ion: 99 Resp: 373680

Ion Ratio Lower Upper

99 100

42 29.2 13.6 20.4#

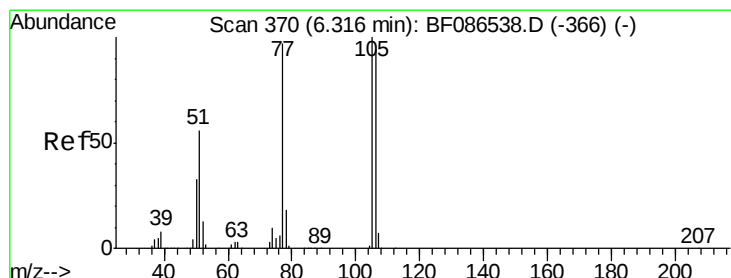
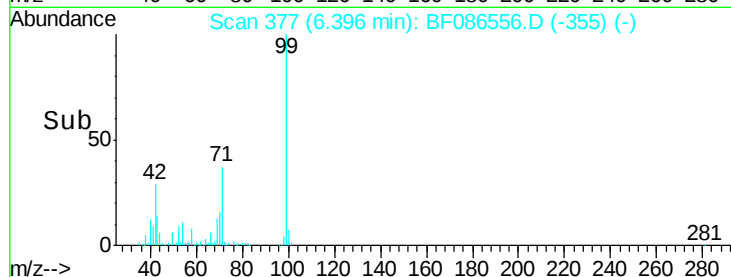
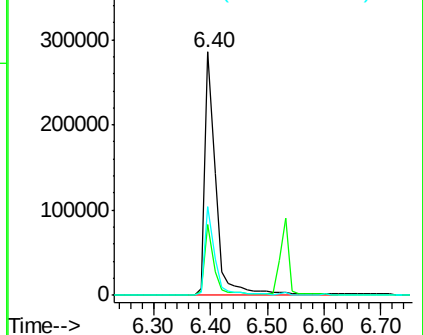
71 36.6 24.6 36.8



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: 3.68 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.18 min

Lab File: BF086556.D

Acq: 1 May 2016 7:36

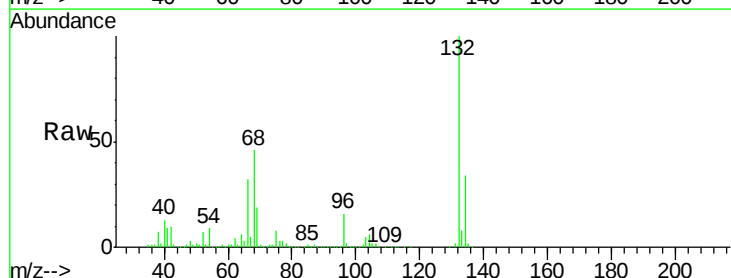
Tgt Ion: 77 Resp: 22904

Ion Ratio Lower Upper

77 100

105 76.8 72.7 112.7

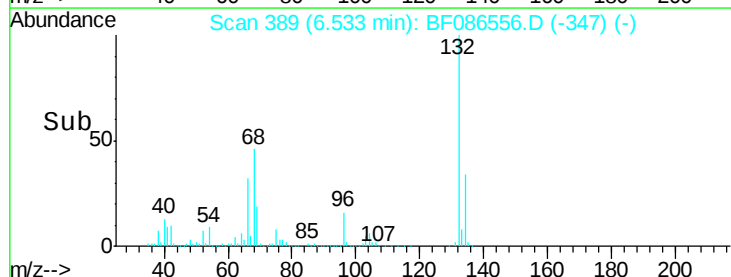
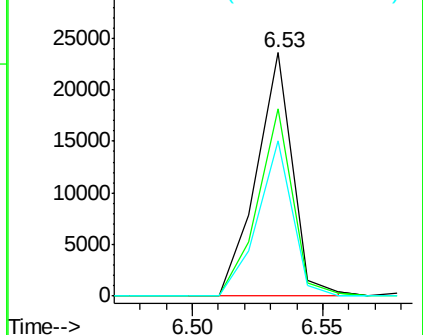
106 63.7 70.8 110.8#

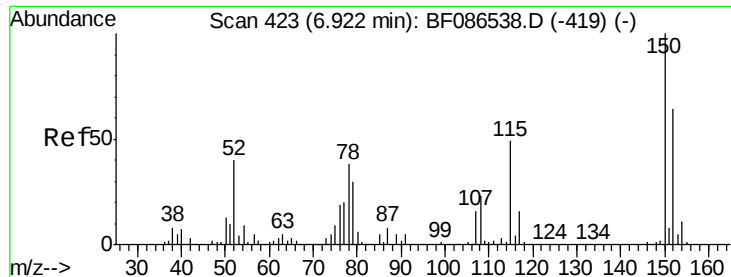


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

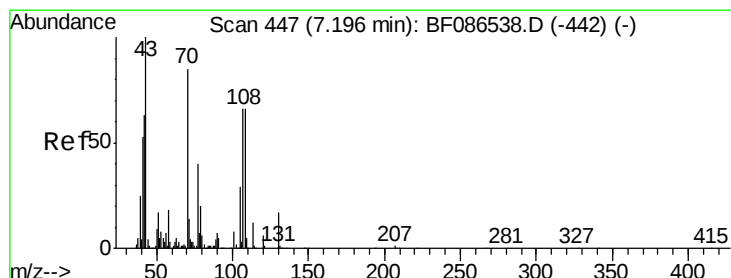
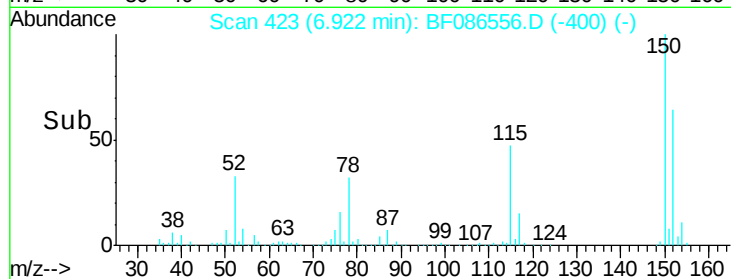
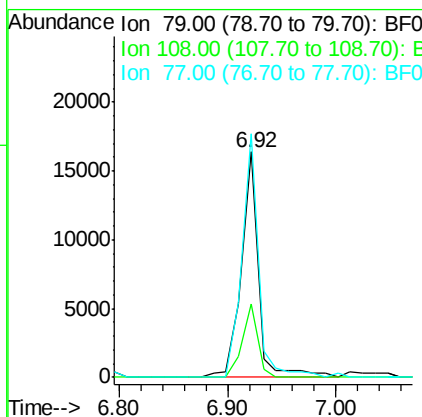
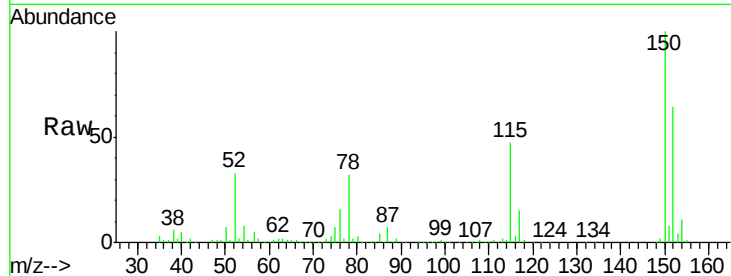




#15
Benzyl Alcohol
Concen: 2.62 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.03 min
Lab File: BF086556.D
Acq: 1 May 2016 7:36

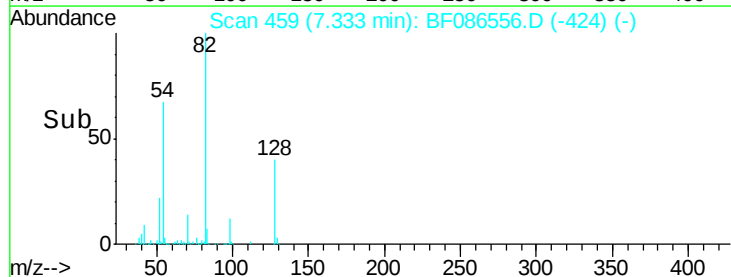
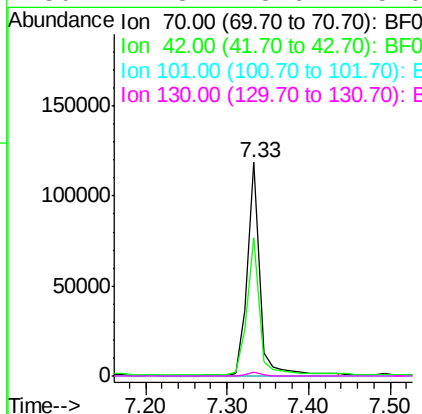
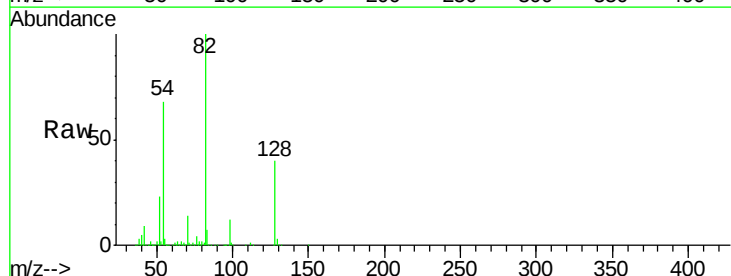
Instrument :
BNA_F
ClientSampleId :
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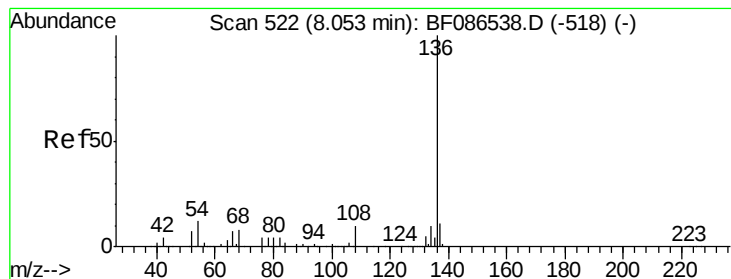
Tgt Ion: 79 Resp: 17760
Ion Ratio Lower Upper
79 100
108 32.7 68.4 102.6#
77 108.0 50.6 76.0#



#19
n-Nitroso-di-n-propylamine
Concen: 18.28 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.10 min
Lab File: BF086556.D
Acq: 1 May 2016 7:36

Tgt Ion: 70 Resp: 129214
Ion Ratio Lower Upper
70 100
42 64.7 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 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: BF086556.D

Acq: 1 May 2016 7:36

Instrument :

BNA_F

ClientSampleId :

HW-10-4-26-16

Tgt Ion: 136 Resp: 574502

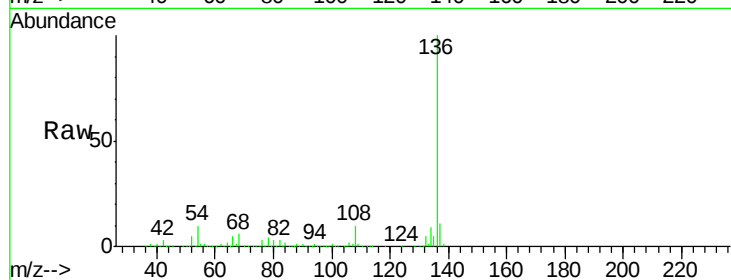
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.8 5.0 7.4#

68 6.0 4.4 6.6

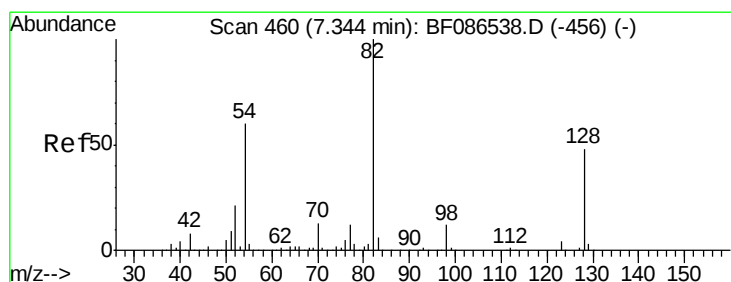
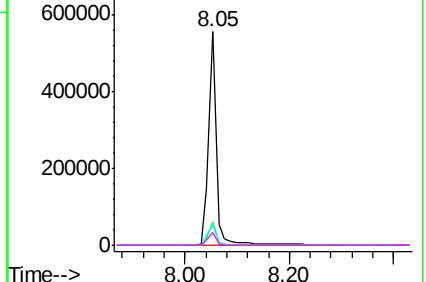
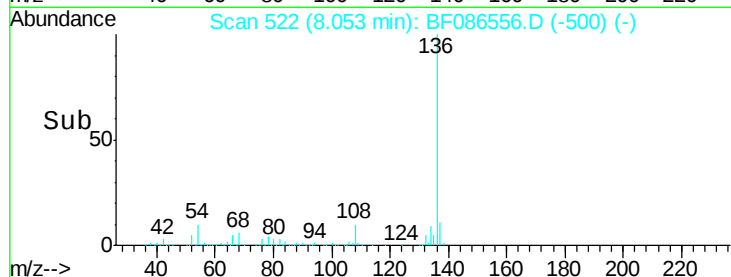


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.42 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.05 min

Lab File: BF086556.D

Acq: 1 May 2016 7:36

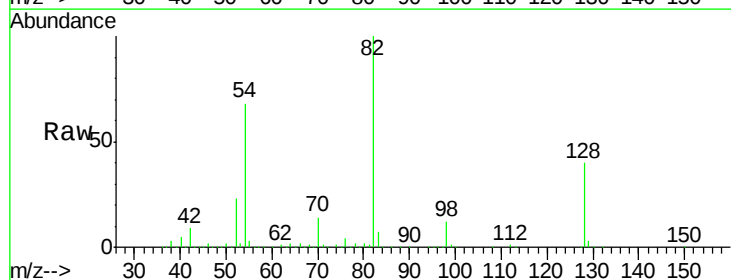
Tgt Ion: 82 Resp: 953055

Ion Ratio Lower Upper

82 100

128 40.0 40.6 61.0#

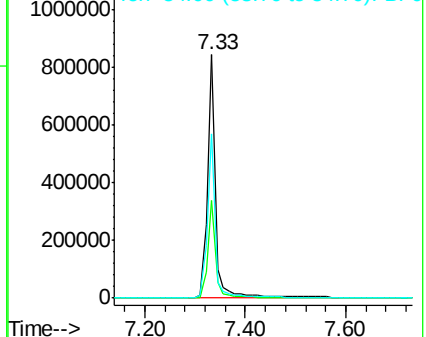
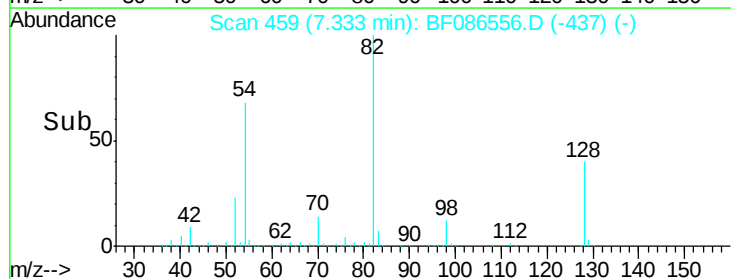
54 67.7 38.1 57.1#

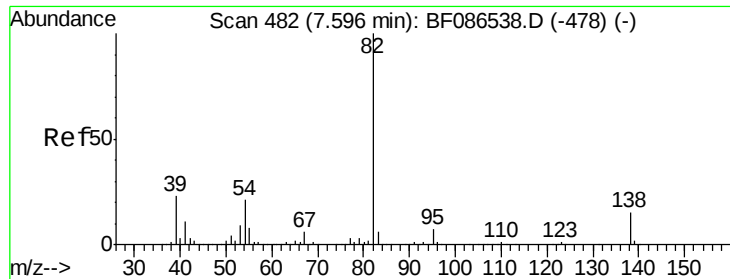


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 36.91 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.31 min

Lab File: BF086556.D

Acq: 1 May 2016 7:36

Instrument :

BNA_F

ClientSampleId :

HW-10-4-26-16

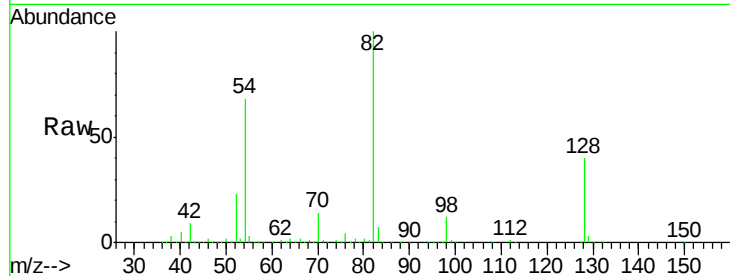
Tgt Ion: 82 Resp: 757118

Ion Ratio Lower Upper

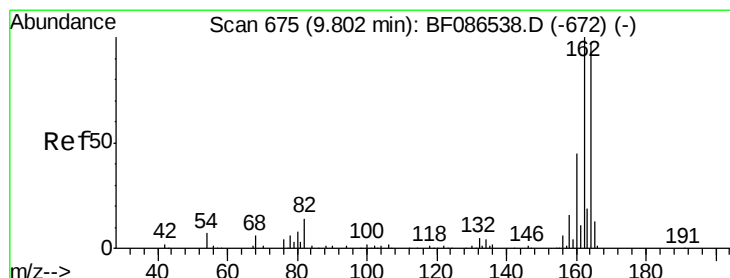
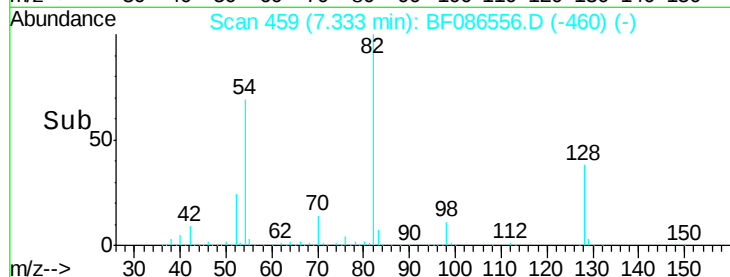
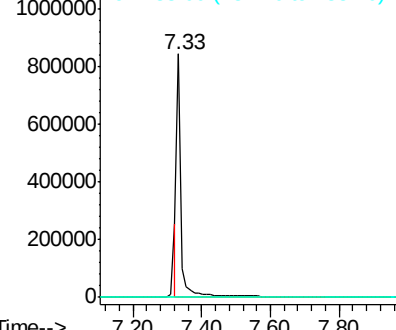
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086556.D

Acq: 1 May 2016 7:36

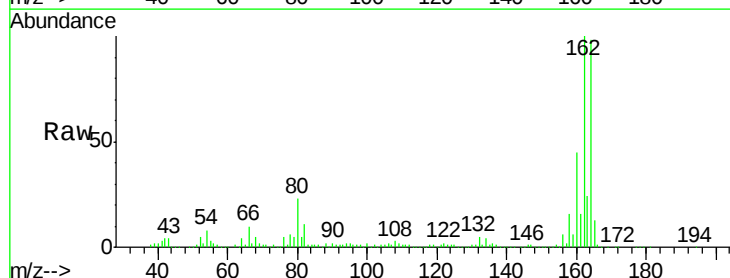
Tgt Ion: 164 Resp: 271075

Ion Ratio Lower Upper

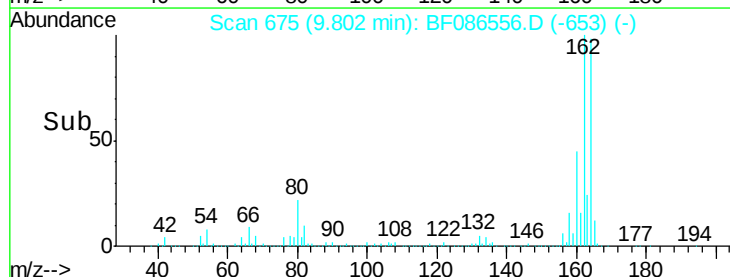
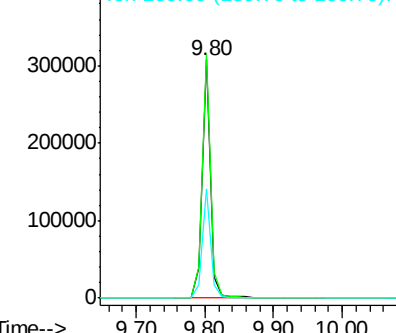
164 100

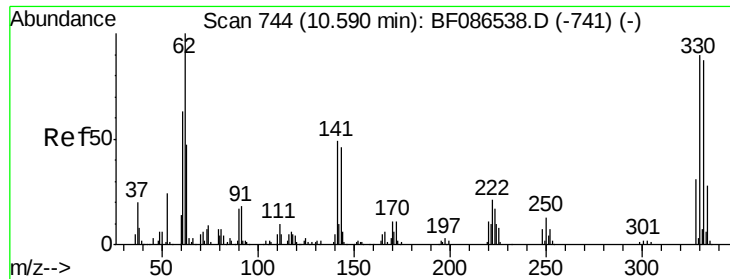
162 102.1 82.8 124.2

160 45.7 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

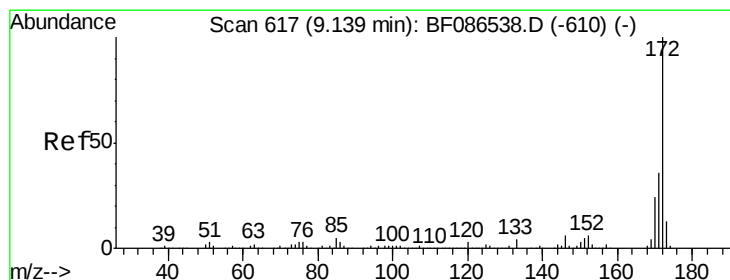
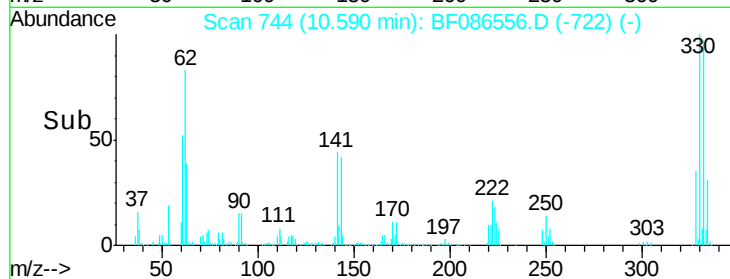
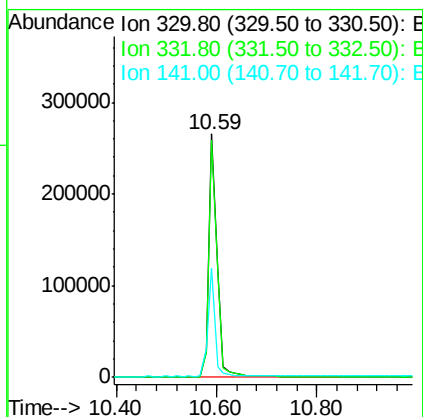
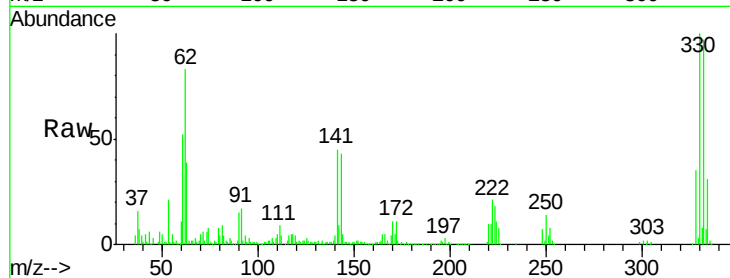




#41
 2,4,6-Tribromophenol
 Concen: 108.92 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086556.D
 Acq: 1 May 2016 7:36

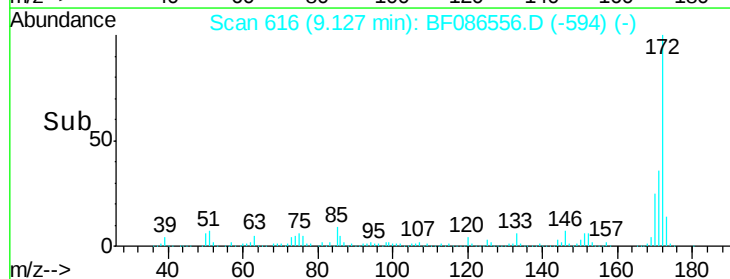
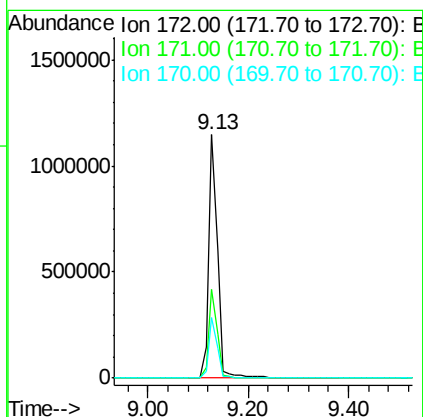
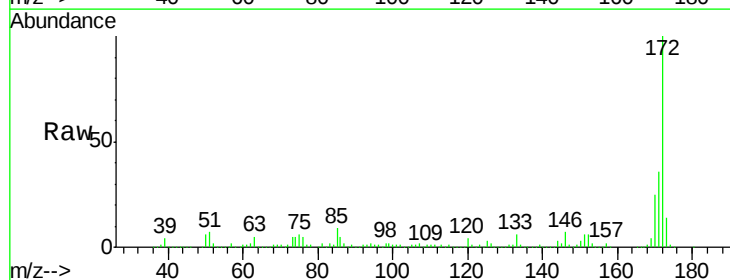
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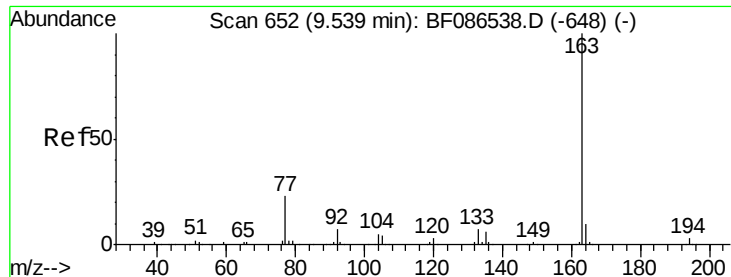
Tgt Ion:330 Resp: 311367
 Ion Ratio Lower Upper
 330 100
 332 97.5 79.0 118.4
 141 38.0 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 92.24 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086556.D
 Acq: 1 May 2016 7:36

Tgt Ion:172 Resp: 1403196
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.7 19.8 29.8

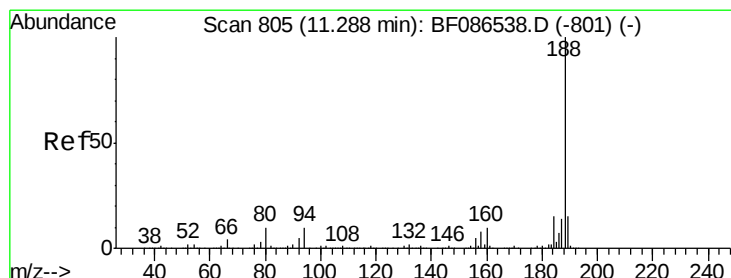
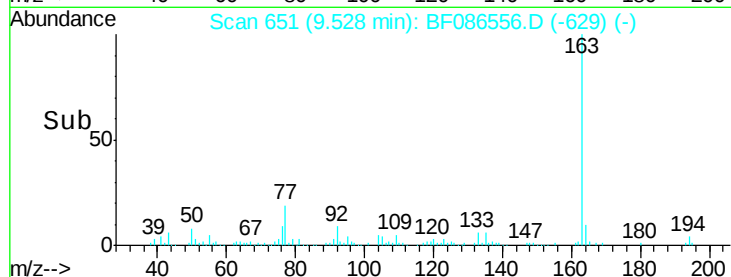
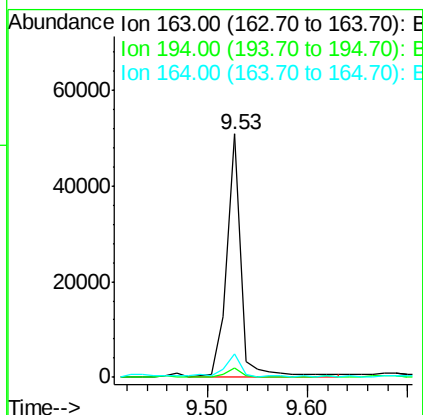
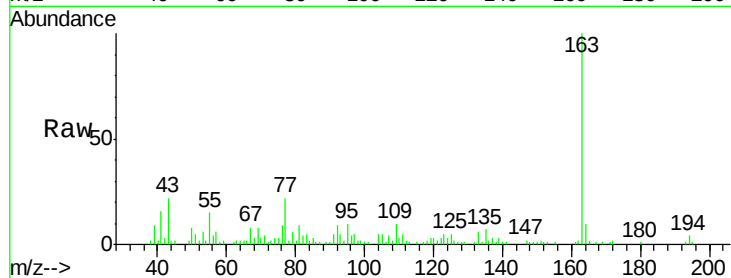




#49
Dimethylphthalate
Concen: 2.50 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF086556.D
Acq: 1 May 2016 7:36

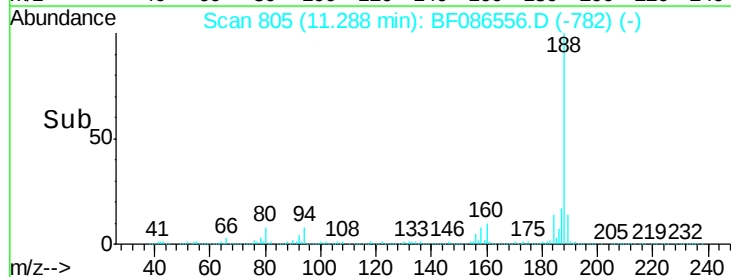
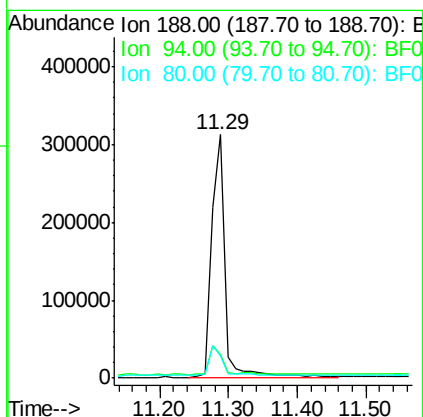
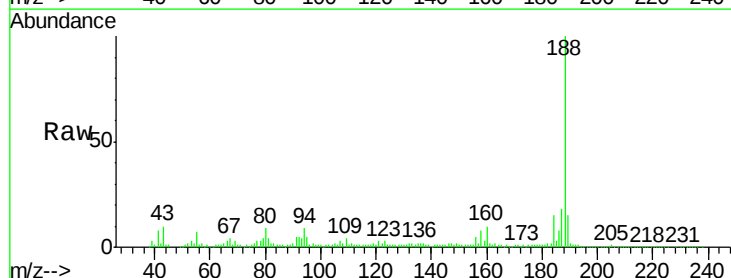
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HW-10-4-26-16

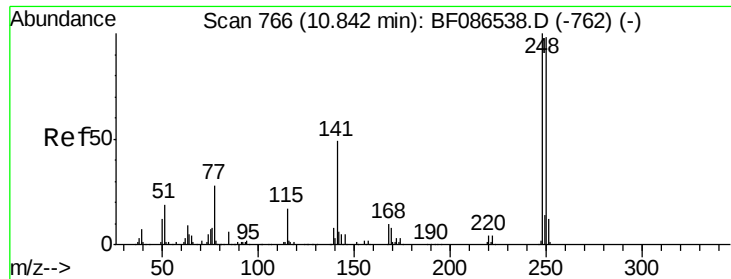
Tgt Ion:163 Resp: 51108
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.7 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF086556.D
Acq: 1 May 2016 7:36

Tgt Ion:188 Resp: 426387
Ion Ratio Lower Upper
188 100
94 9.5 6.8 10.2
80 8.9 7.1 10.7





#66

4-Bromophenyl-phenylether

Concen: 4.22 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.29 min

Lab File: BF086556.D

Acq: 1 May 2016 7:36

Instrument :

BNA_F

ClientSampleId :

HW-10-4-26-16

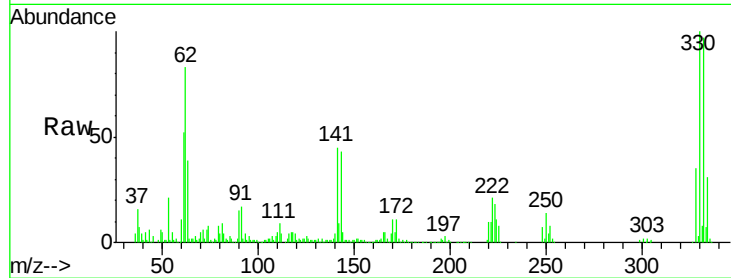
Tgt Ion:248 Resp: 18551

Ion Ratio Lower Upper

248 100

250 202.4 78.6 117.8#

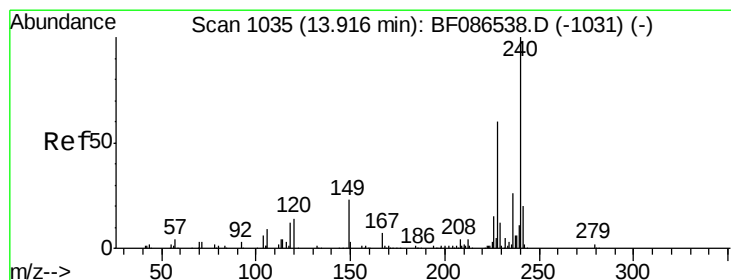
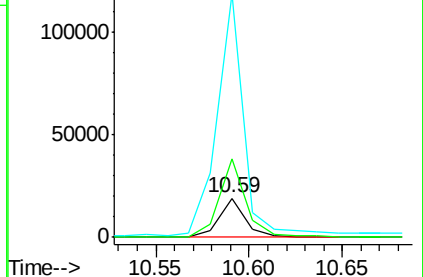
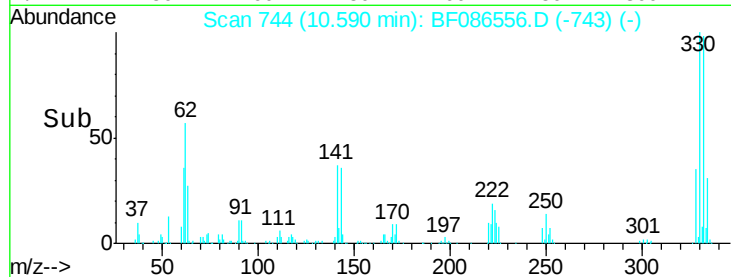
141 627.5 76.0 114.0#



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: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF086556.D

Acq: 1 May 2016 7:36

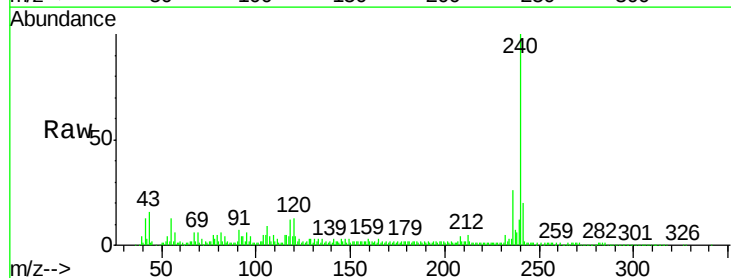
Tgt Ion:240 Resp: 287091

Ion Ratio Lower Upper

240 100

120 13.4 11.2 16.8

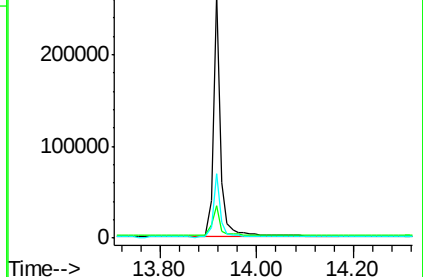
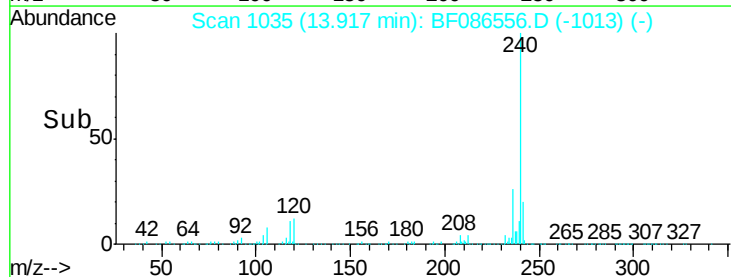
236 26.3 21.2 31.8

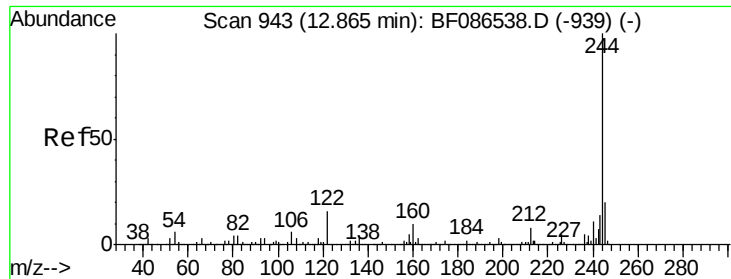


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

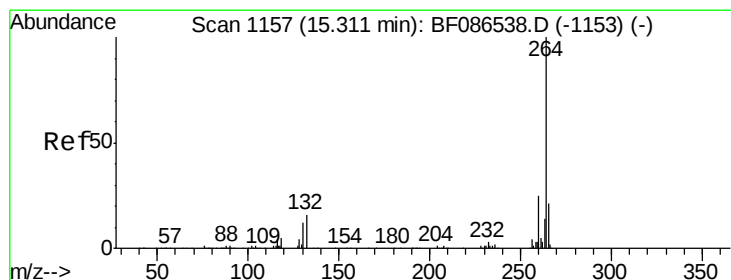
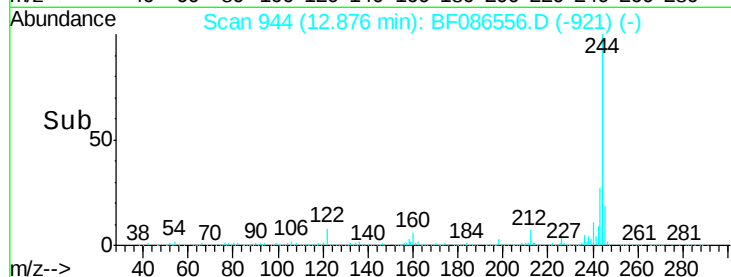
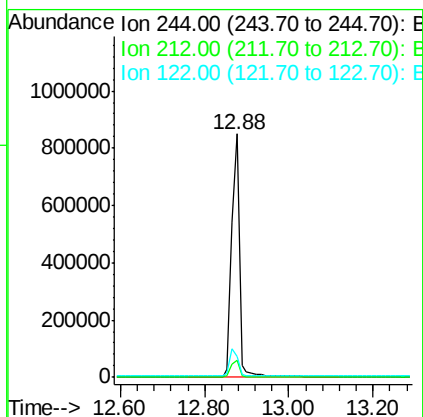
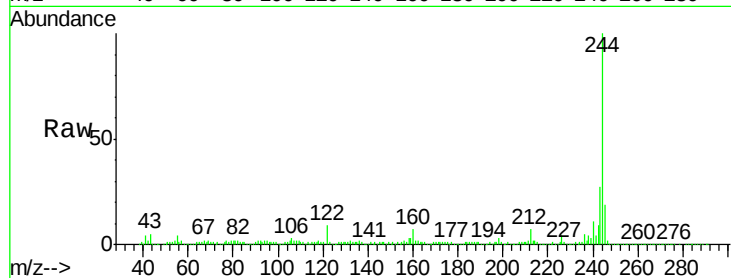




#78
 Terphenyl-d14
 Concen: 81.81 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF086556.D
 Acq: 1 May 2016 7:36

Instrument :
 BNA_F
 ClientSampleId :
 HW-10-4-26-16

Tgt Ion:244 Resp: 1066037
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.5 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.05 min
 Lab File: BF086556.D
 Acq: 1 May 2016 7:36

Tgt Ion:264 Resp: 302161
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 22.3 17.3 25.9

