

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087053.D
 Acq On : 15 May 2016 7:17
 Operator : UM/SJ
 Sample : H3052-07
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: May 16 04:54:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

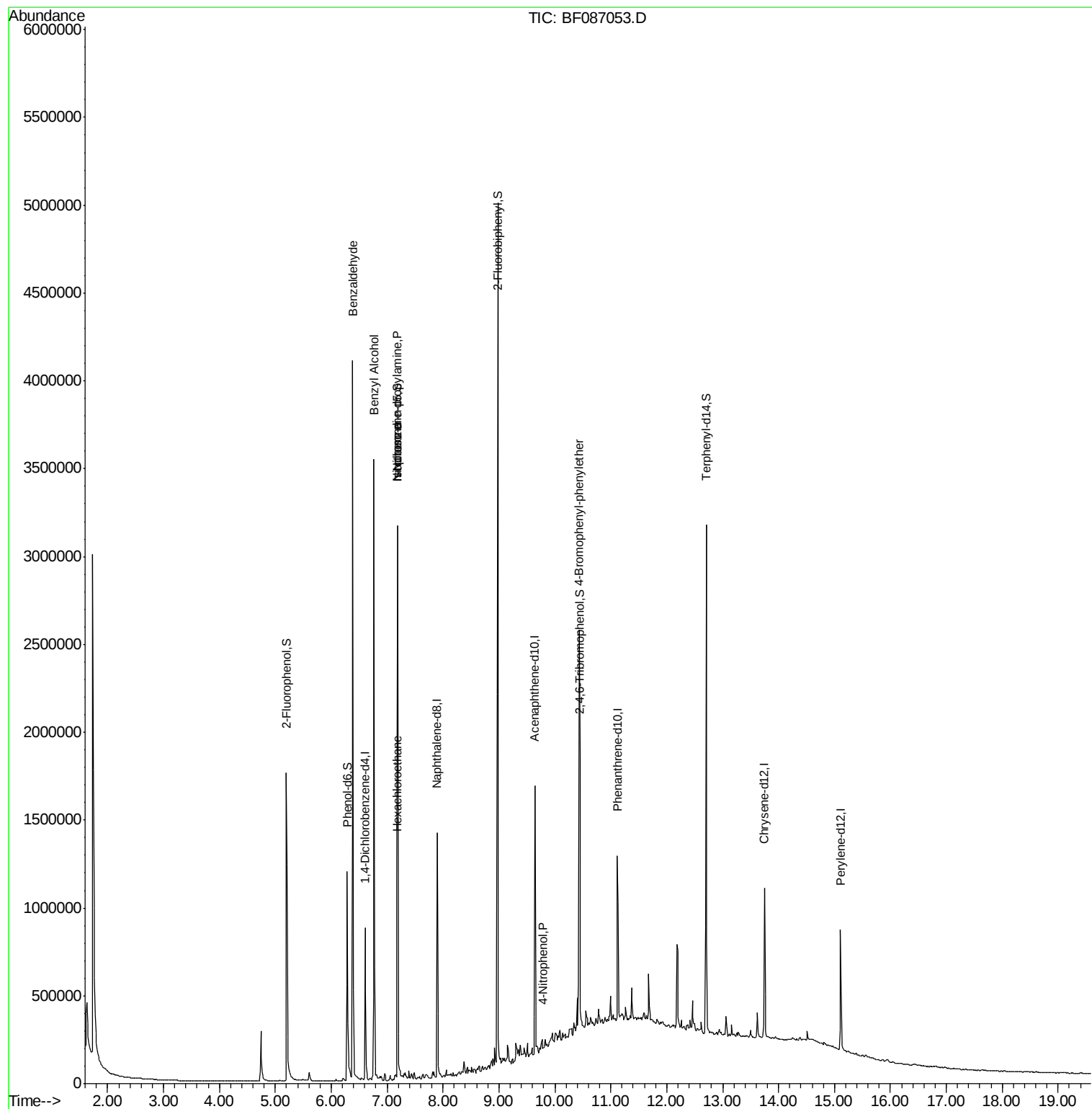
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	144544	20.00	ng	-0.09
21) Naphthalene-d8	7.90	136	590444	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	275093	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	440634	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	288852	20.00	ng	-0.09
86) Perylene-d12	15.11	264	298652	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	614652	72.01	ng	-0.09
7) Phenol-d6	6.28	99	525896	46.10	ng	-0.08
23) Nitrobenzene-d5	7.19	82	1021291	86.85	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	375191	128.83	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1577625	96.38	ng	-0.08
78) Terphenyl-d14	12.71	244	862435	63.35	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.39	77	27999	4.24	ng	# 79
15) Benzyl Alcohol	6.76	79	16753	2.13	ng	# 42
18) Hexachloroethane	7.18	117	8635	2.02	ng	# 6
19) n-Nitroso-di-n-propylamine	7.19	70	148344	18.61	ng	# 72
25) Isophorone	7.19	82	995488	45.63	ng	# 68
55) 4-Nitrophenol	9.78	139	1438	5.00	ng	# 1
60) 4-Chlorophenyl-phenylether	10.18	204	1798	Below Cal		# 9
66) 4-Bromophenyl-phenylether	10.43	248	21737	4.87	ng	# 1

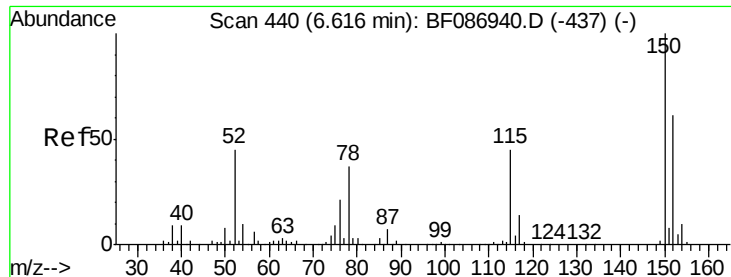
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.09 min

Lab File: BF087053.D

Acq: 15 May 2016 7:17

Instrument :

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ClientSampleId :

MW-11

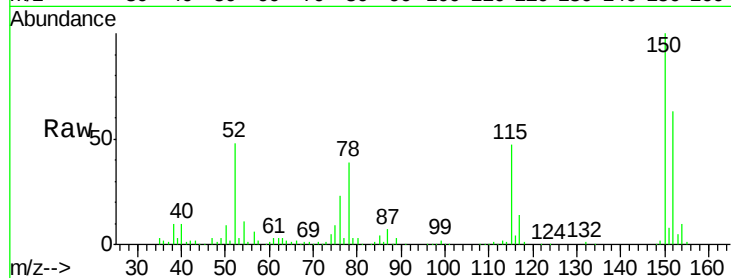
Tgt Ion:152 Resp: 144544

Ion Ratio Lower Upper

152 100

150 160.0 125.8 188.6

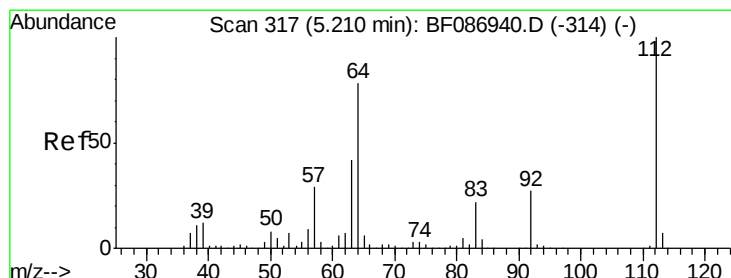
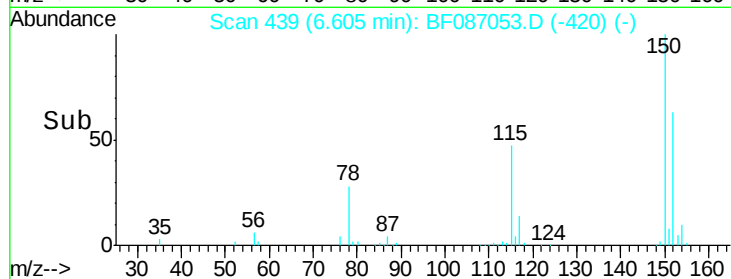
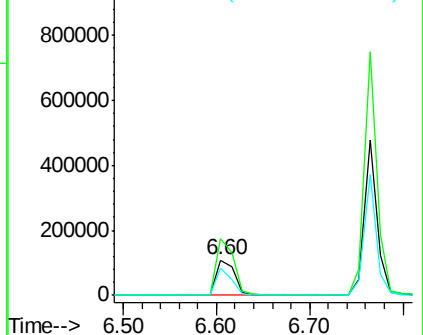
115 75.6 51.5 77.3



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: 72.01 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.09 min

Lab File: BF087053.D

Acq: 15 May 2016 7:17

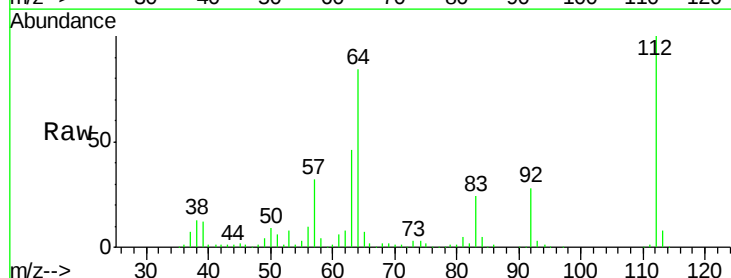
Tgt Ion:112 Resp: 614652

Ion Ratio Lower Upper

112 100

64 83.7 52.1 78.1#

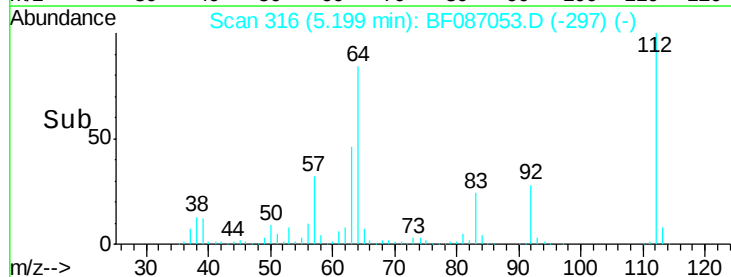
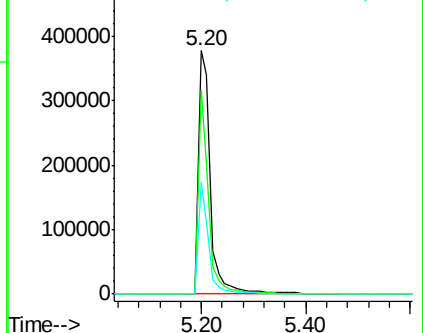
63 45.8 25.7 38.5#



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: 46.10 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087053.D

Acq: 15 May 2016 7:17

Instrument :

BNA_F

ClientSampled :

MW-11

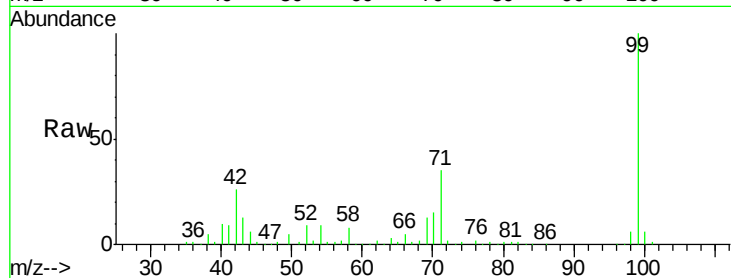
Tgt Ion: 99 Resp: 525896

Ion Ratio Lower Upper

99 100

42 25.5 13.6 20.4#

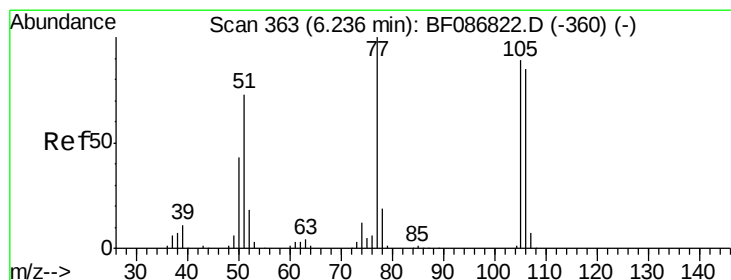
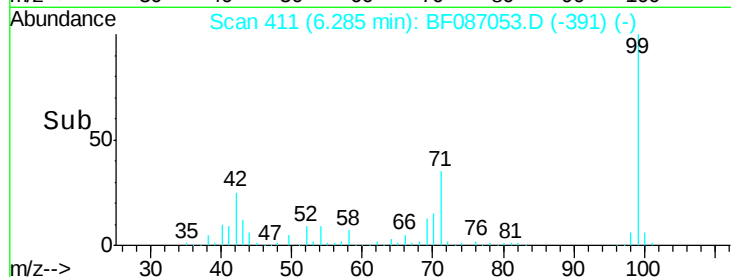
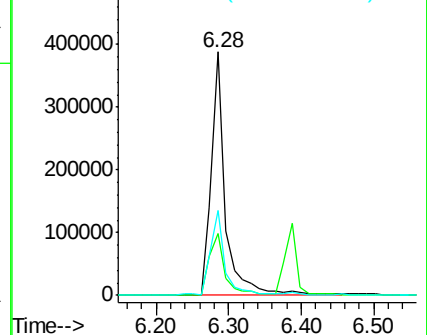
71 34.7 24.6 36.8



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: 4.24 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF087053.D

Acq: 15 May 2016 7:17

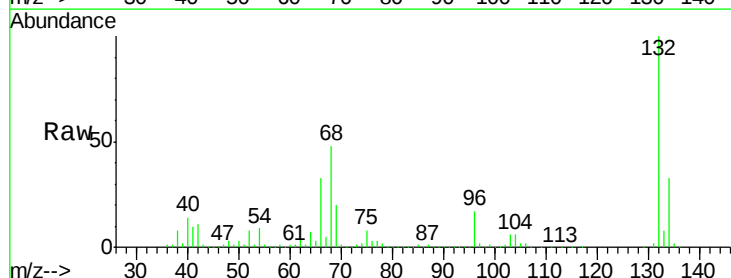
Tgt Ion: 77 Resp: 27999

Ion Ratio Lower Upper

77 100

105 77.7 72.7 112.7

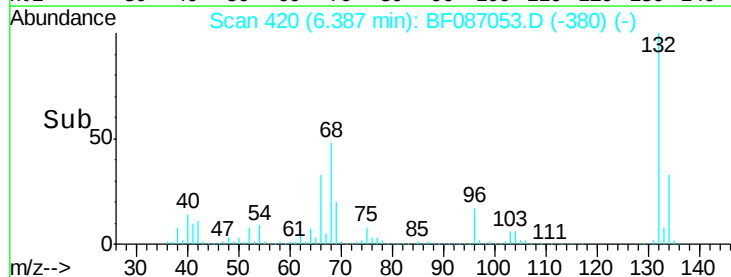
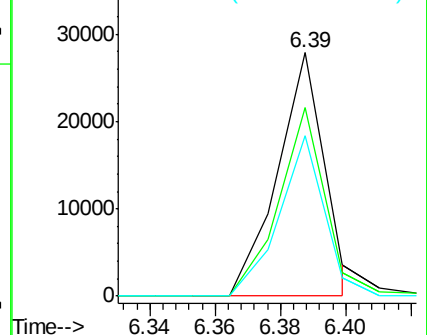
106 66.1 70.8 110.8#

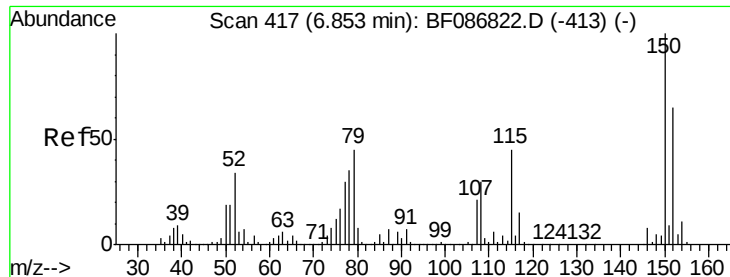


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.09 min

Lab File: BF087053.D

Acq: 15 May 2016 7:17

Instrument :

BNA_F

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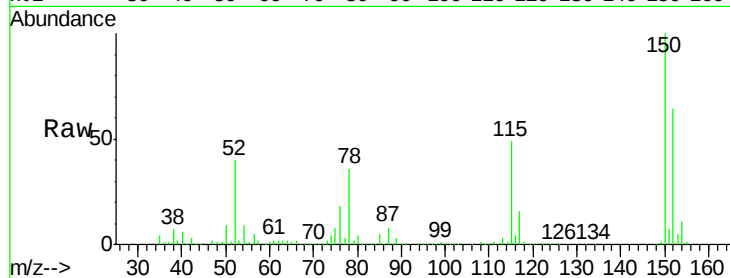
Tgt Ion: 79 Resp: 16753

Ion Ratio Lower Upper

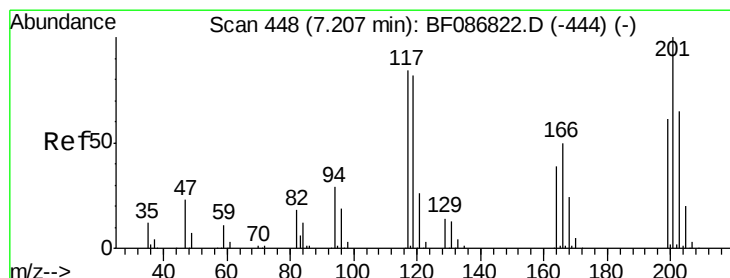
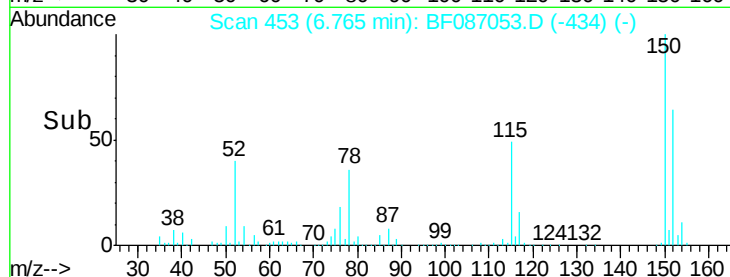
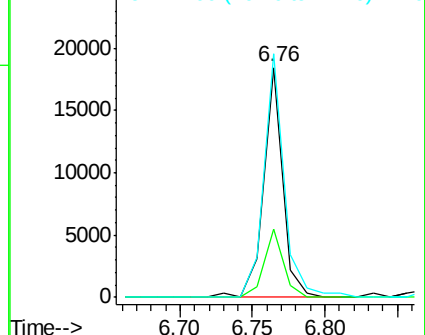
79 100

108 29.6 68.4 102.6#

77 105.8 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): B
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 2.02 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.03 min

Lab File: BF087053.D

Acq: 15 May 2016 7:17

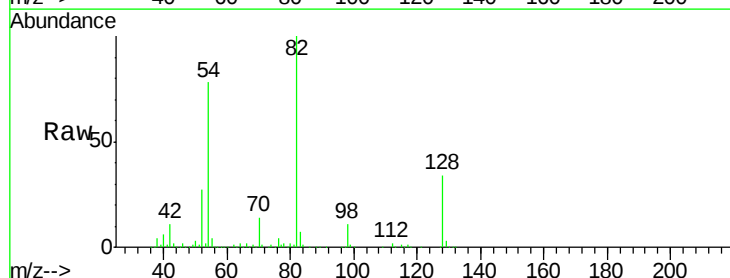
Tgt Ion: 117 Resp: 8635

Ion Ratio Lower Upper

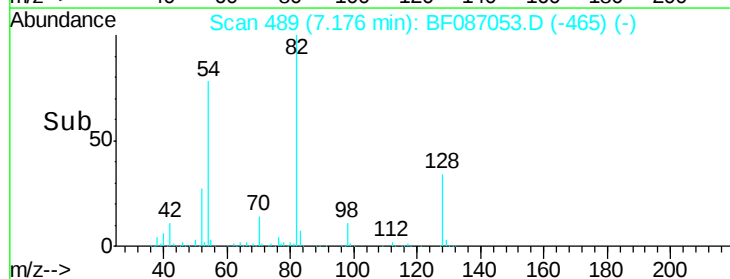
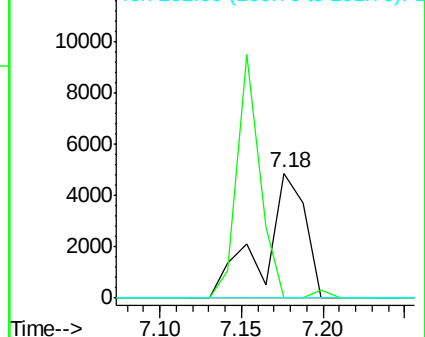
117 100

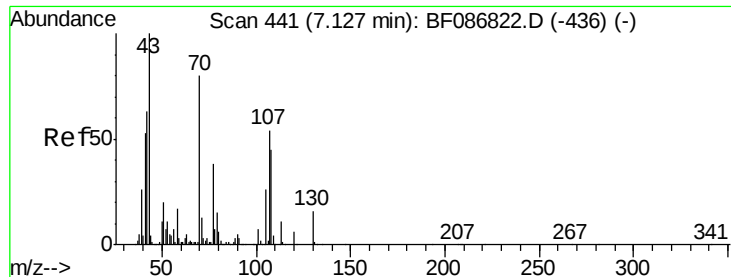
119 0.0 76.5 114.7#

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

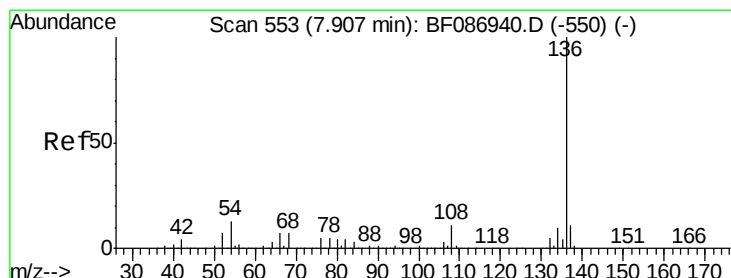
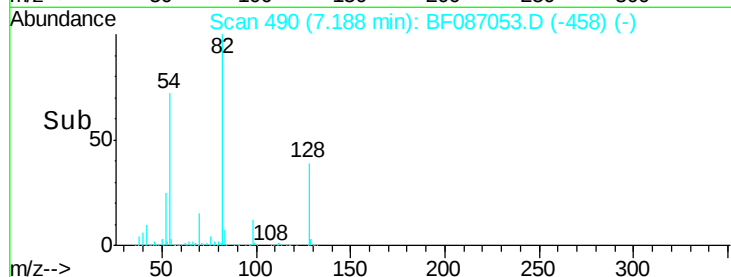
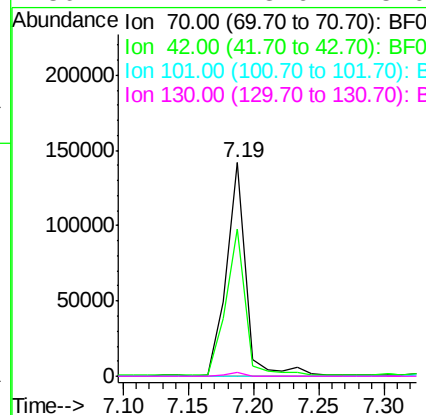
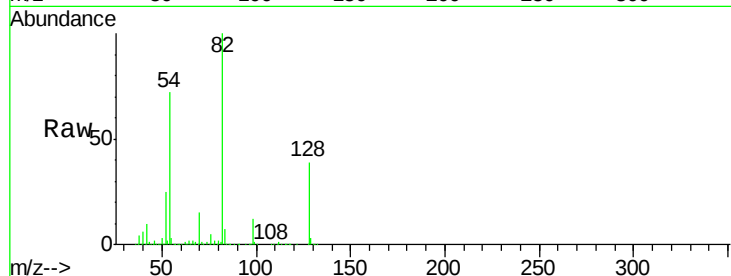




#19
n-Nitroso-di-n-propylamine
Concen: 18.61 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087053.D
Acq: 15 May 2016 7:17

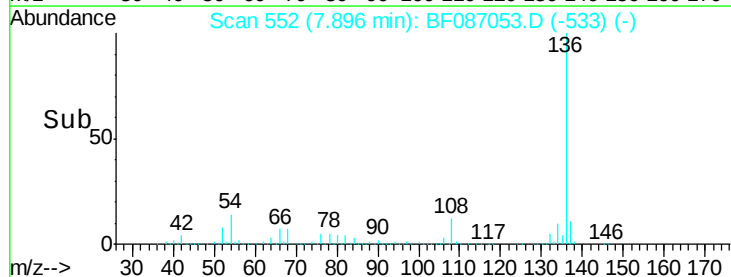
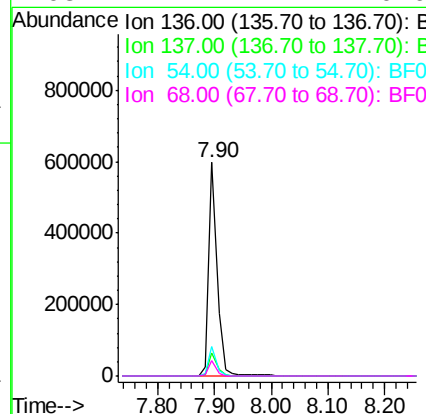
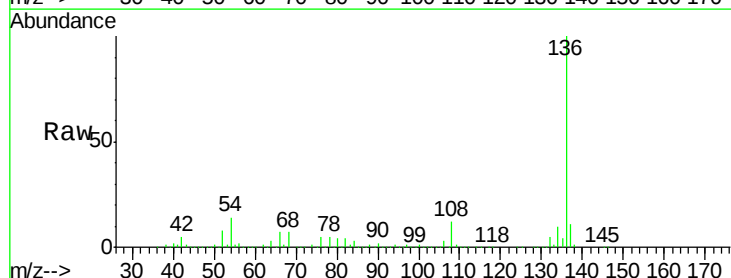
Instrument :
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ClientSampleId :
MW-11

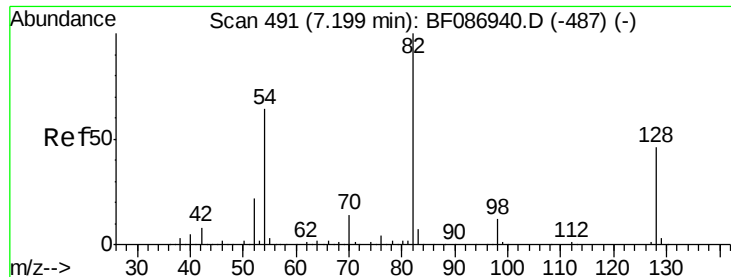
Tgt Ion: 70 Resp: 148344
Ion Ratio Lower Upper
70 100
42 68.7 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087053.D
Acq: 15 May 2016 7:17

Tgt Ion: 136 Resp: 590444
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 13.7 5.0 7.4#
68 7.2 4.4 6.6#

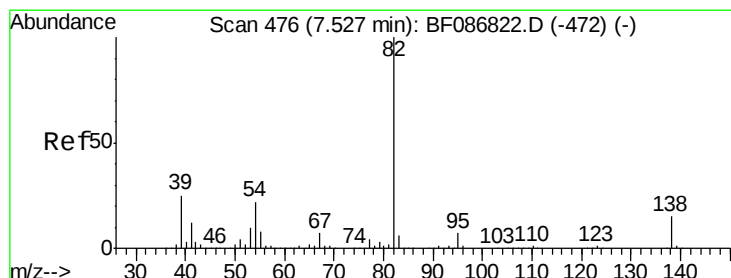
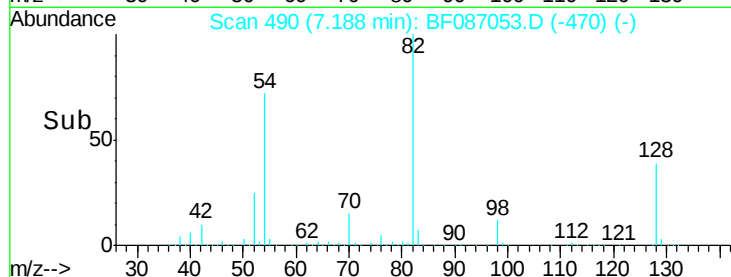
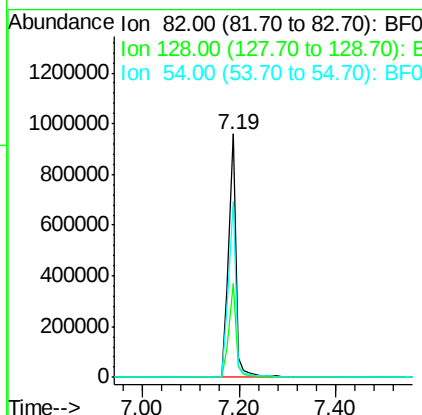
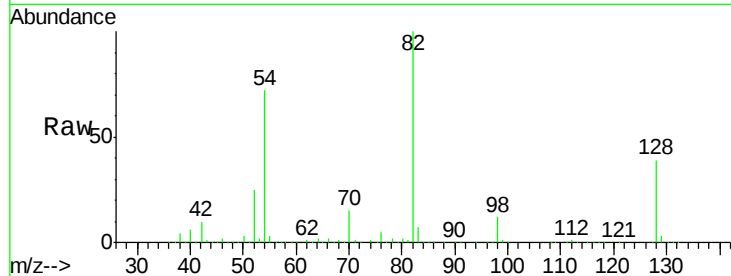




#23
 Nitrobenzene-d5
 Concen: 86.85 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.08 min
 Lab File: BF087053.D
 Acq: 15 May 2016 7:17

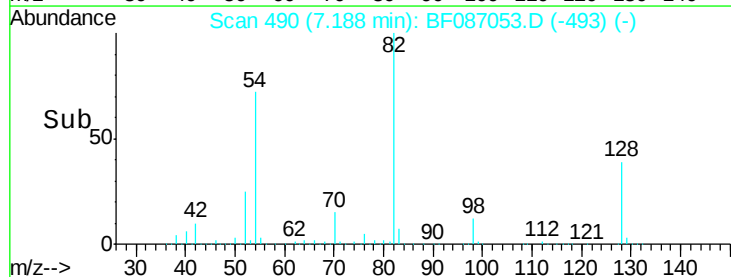
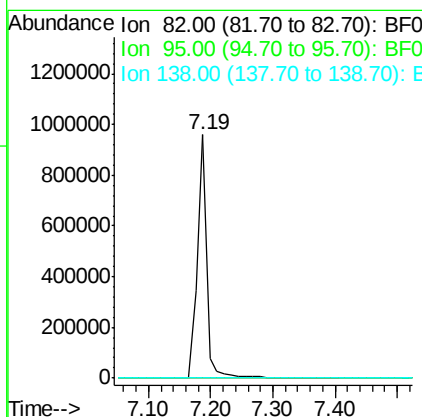
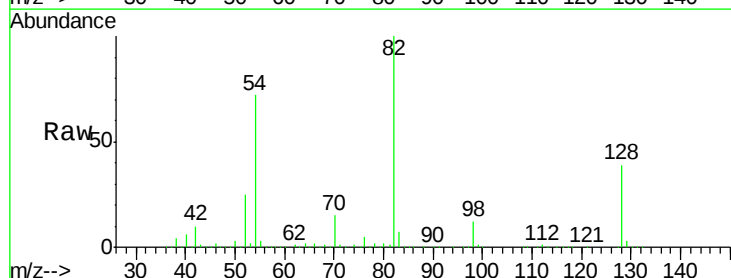
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 MW-11

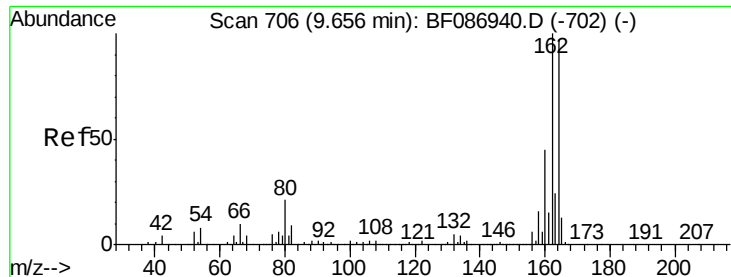
Tgt Ion: 82 Resp: 1021291
 Ion Ratio Lower Upper
 82 100
 128 38.6 40.6 61.0#
 54 72.2 38.1 57.1#



#25
 Isophorone
 Concen: 45.63 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.34 min
 Lab File: BF087053.D
 Acq: 15 May 2016 7:17

Tgt Ion: 82 Resp: 995488
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

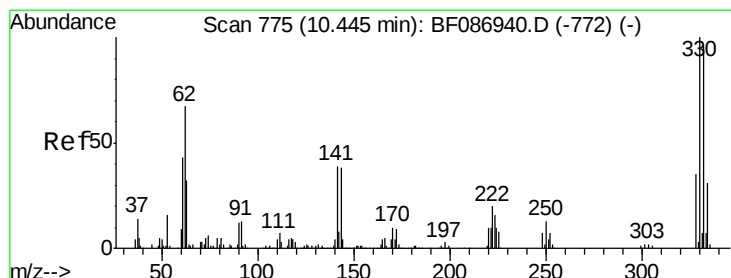
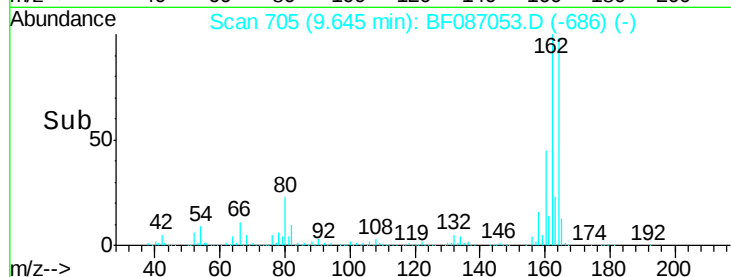
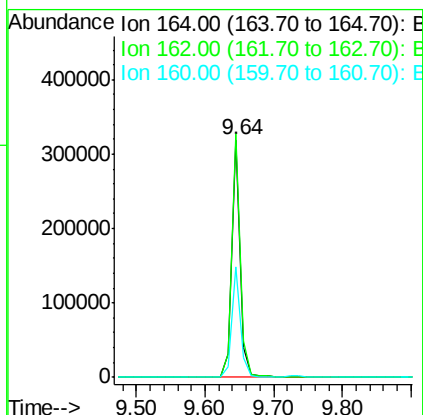
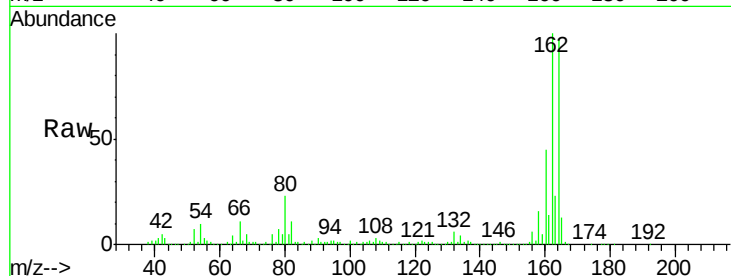




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087053.D
Acq: 15 May 2016 7:17

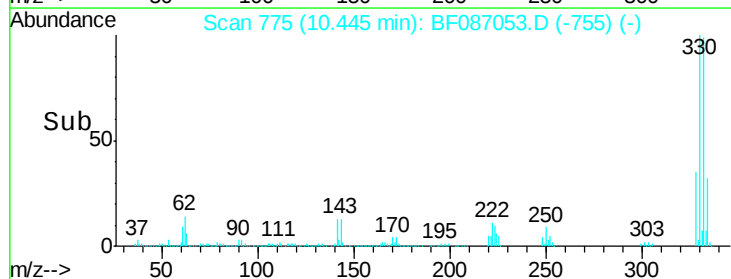
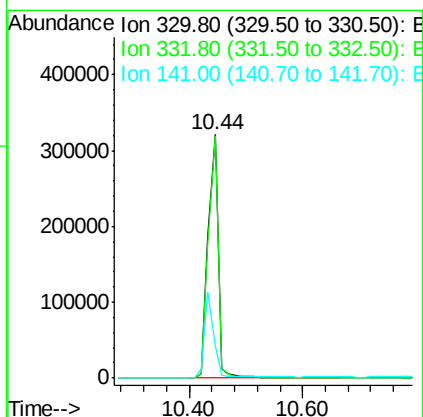
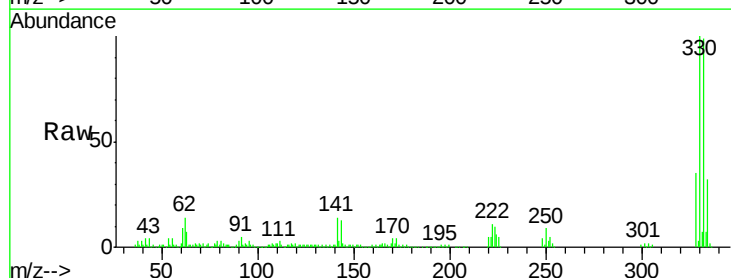
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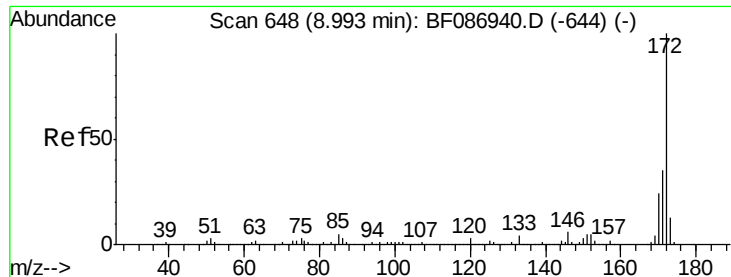
Tgt Ion:164 Resp: 275093
Ion Ratio Lower Upper
164 100
162 102.7 82.8 124.2
160 46.3 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 128.83 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF087053.D
Acq: 15 May 2016 7:17

Tgt Ion:330 Resp: 375191
Ion Ratio Lower Upper
330 100
332 97.5 79.0 118.4
141 32.4 31.2 46.8

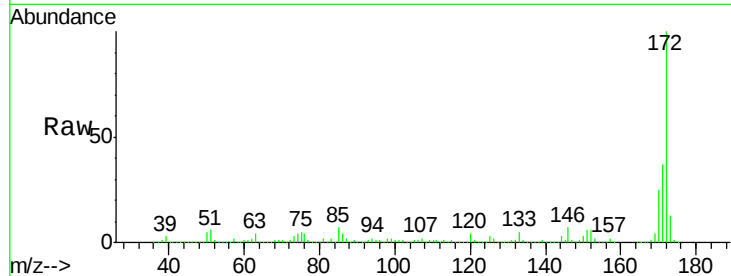




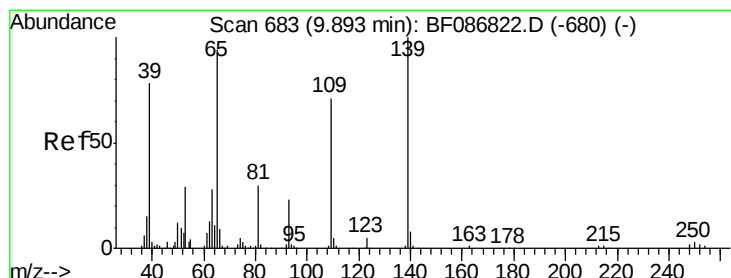
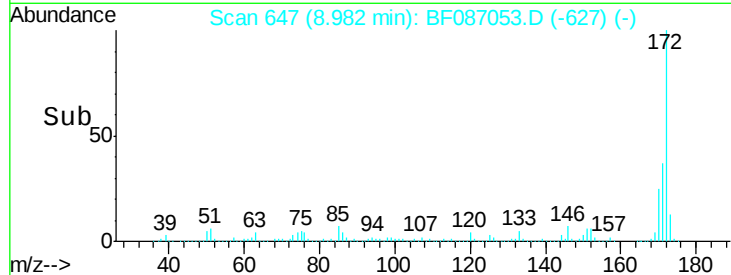
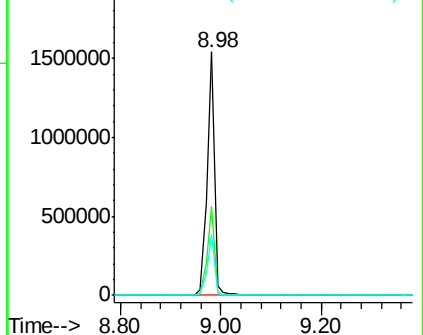
#44
 2-Fluorobiphenyl
 Concen: 96.38 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087053.D
 Acq: 15 May 2016 7:17

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 1577625
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 24.9 19.8 29.8

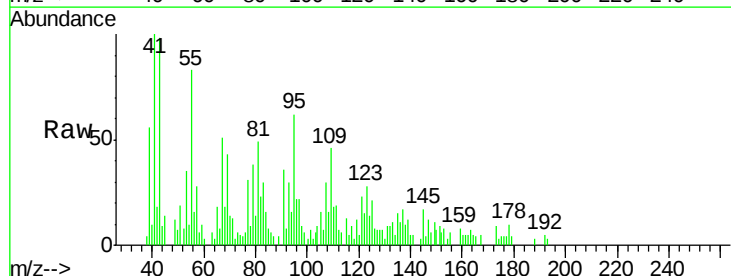


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

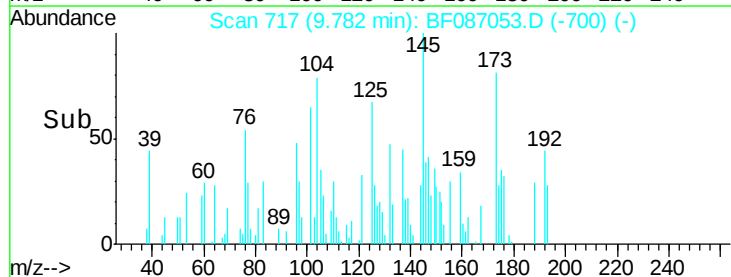
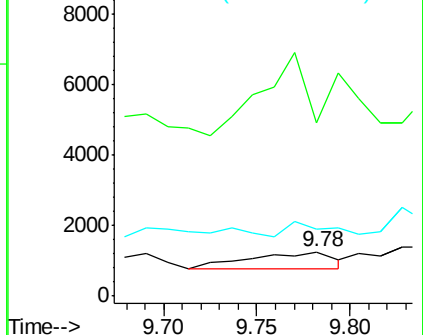


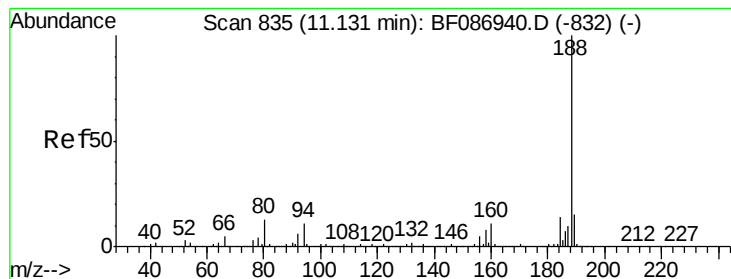
#55
 4-Nitrophenol
 Concen: 5.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.11 min
 Lab File: BF087053.D
 Acq: 15 May 2016 7:17

Tgt Ion:139 Resp: 1438
 Ion Ratio Lower Upper
 139 100
 109 390.0 36.9 76.9#
 65 150.5 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.09 min

Lab File: BF087053.D

Acq: 15 May 2016 7:17

Instrument :

BNA_F

ClientSampleId :

MW-11

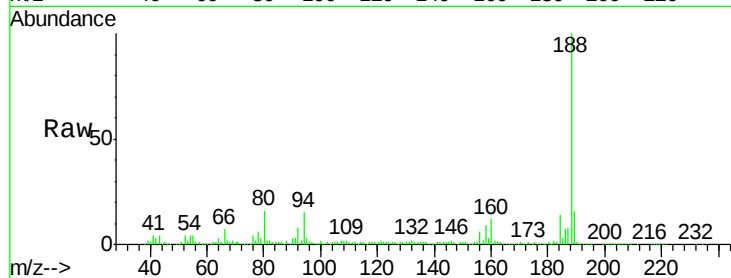
Tgt Ion:188 Resp: 440634

Ion Ratio Lower Upper

188 100

94 14.7 6.8 10.2#

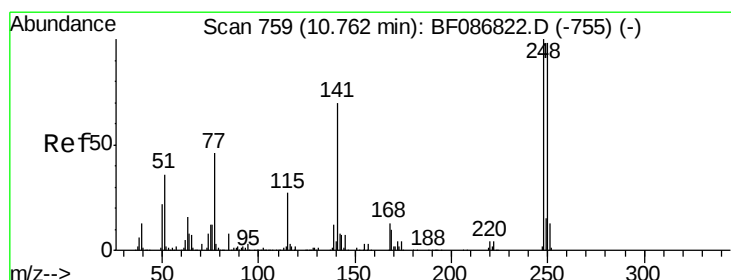
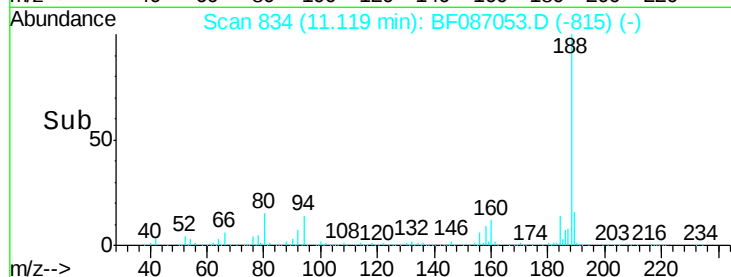
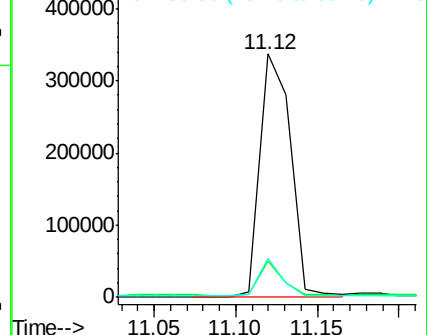
80 15.7 7.1 10.7#



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: 4.87 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.33 min

Lab File: BF087053.D

Acq: 15 May 2016 7:17

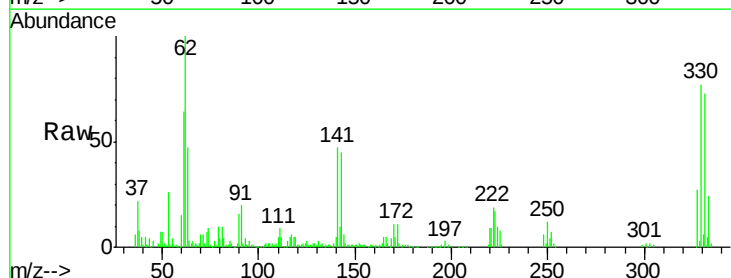
Tgt Ion:248 Resp: 21737

Ion Ratio Lower Upper

248 100

250 190.9 78.6 117.8#

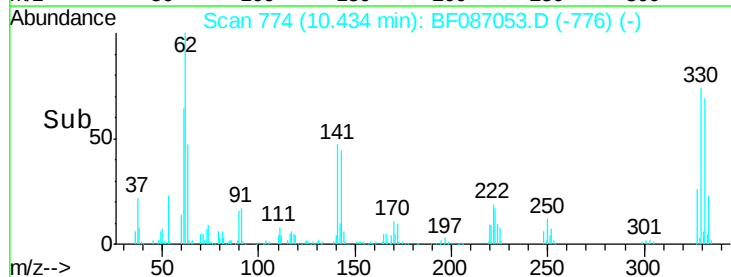
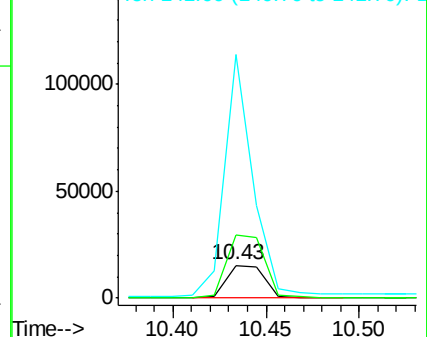
141 737.9 76.0 114.0#

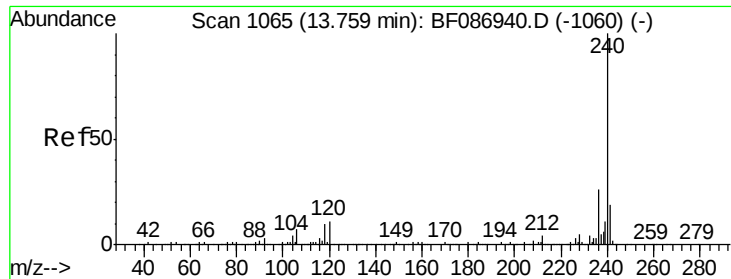


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.09 min

Lab File: BF087053.D

Acq: 15 May 2016 7:17

Instrument :

BNA_F

ClientSampleId :

MW-11

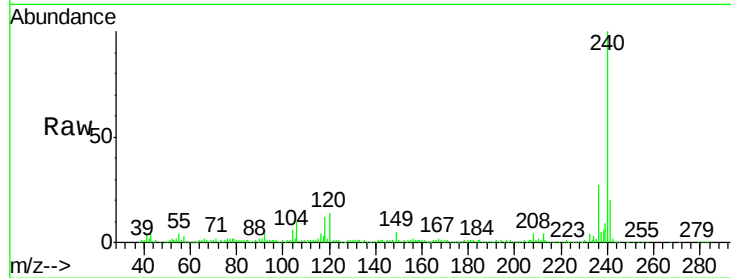
Tgt Ion:240 Resp: 288852

Ion Ratio Lower Upper

240 100

120 13.5 11.2 16.8

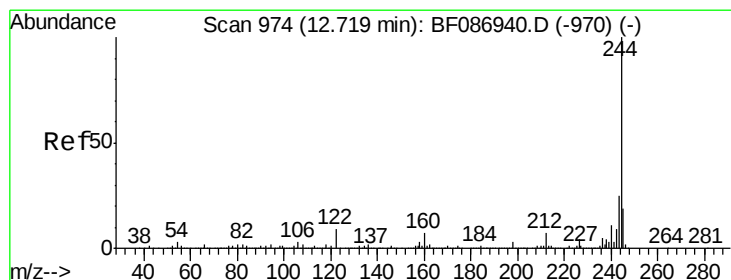
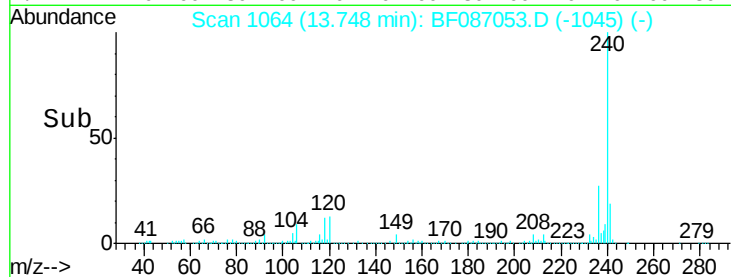
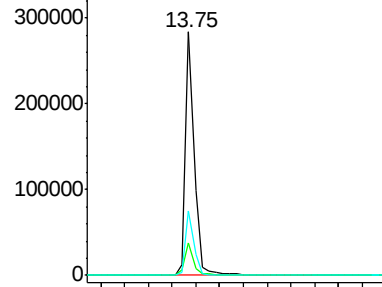
236 26.6 21.2 31.8



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: 63.35 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087053.D

Acq: 15 May 2016 7:17

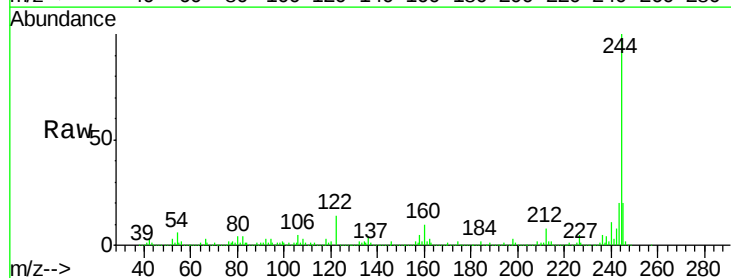
Tgt Ion:244 Resp: 862435

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

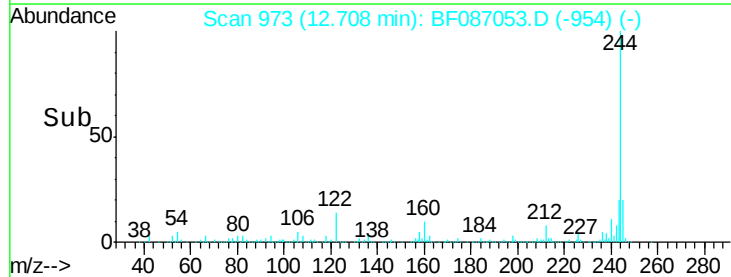
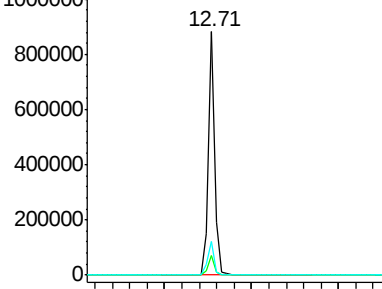
122 14.1 12.0 18.0

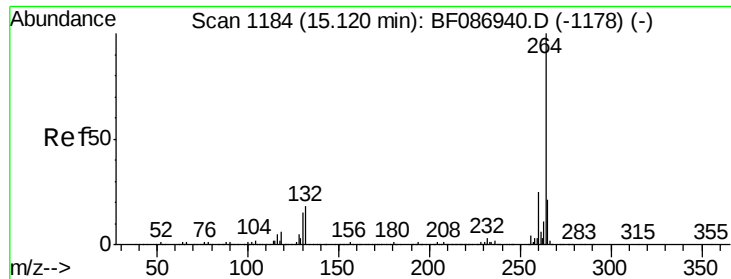


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087053.D
Acq: 15 May 2016 7:17

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 264 Resp: 298652
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 21.8 17.3 25.9

