

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087257.D
 Acq On : 21 May 2016 7:41
 Operator : UM/SJ
 Sample : H3167-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-MW-11

Quant Time: May 23 00:56:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

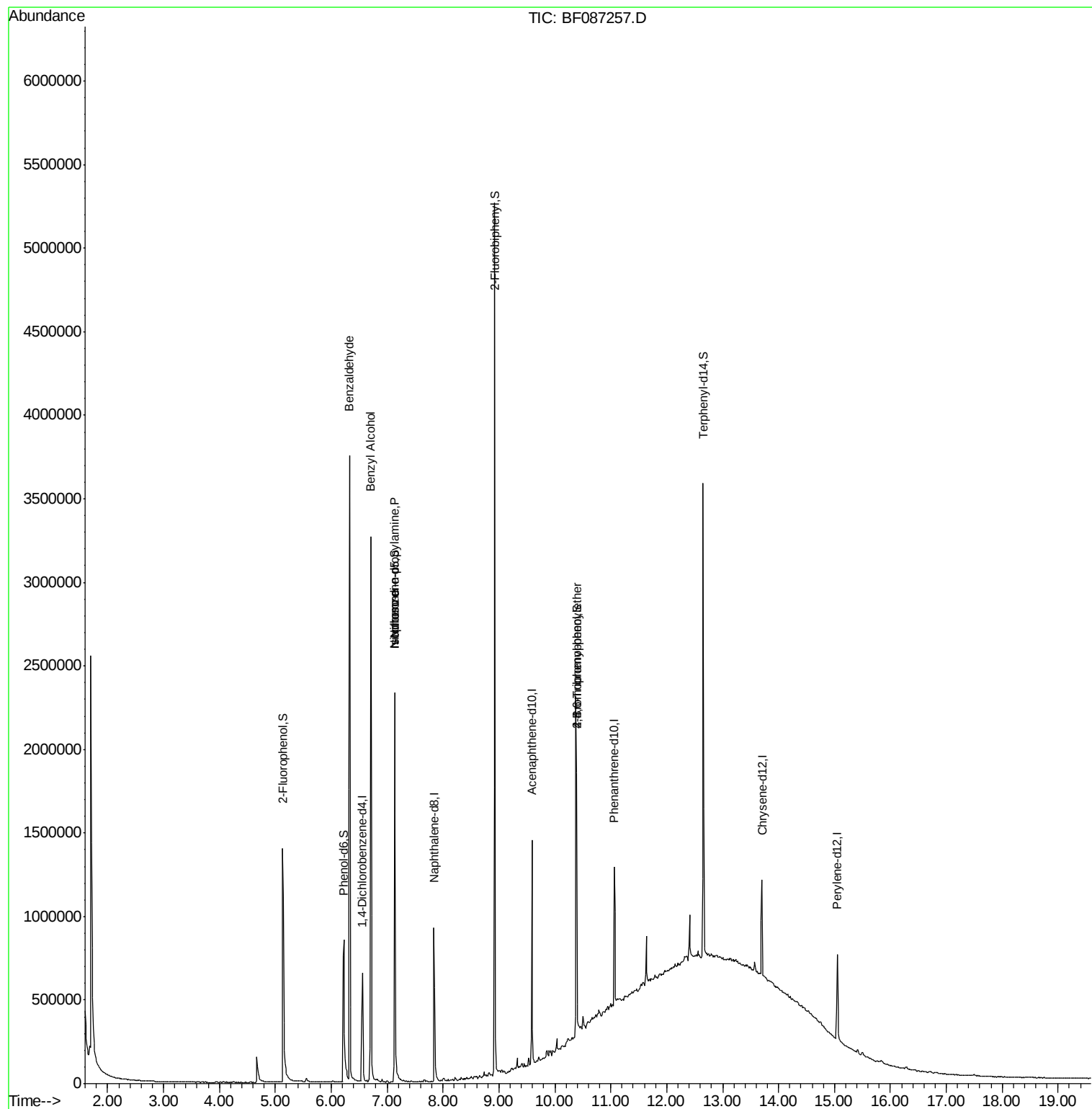
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	123187	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	514643	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	244008	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	385492	20.00	ng	-0.06
75) Chrysene-d12	13.70	240	250247	20.00	ng	-0.06
86) Perylene-d12	15.05	264	221691	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	587393	80.15	ng	-0.07
7) Phenol-d6	6.23	99	487003	49.54	ng	-0.06
23) Nitrobenzene-d5	7.13	82	963064	93.26	ng	-0.06
41) 2,4,6-Tribromophenol	10.39	330	346989	128.69	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1531734	103.96	ng	-0.06
78) Terphenyl-d14	12.65	244	956115	86.43	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.33	77	28869	4.10	ng	# 77
15) Benzyl Alcohol	6.71	79	16769	2.29	ng	# 45
19) n-Nitroso-di-n-propylamine	7.13	70	135007	18.07	ng	# 71
25) Isophorone	7.13	82	932517	49.33	ng	# 68
66) 4-Bromophenyl-phenylether	10.39	248	22191	5.60	ng	# 1

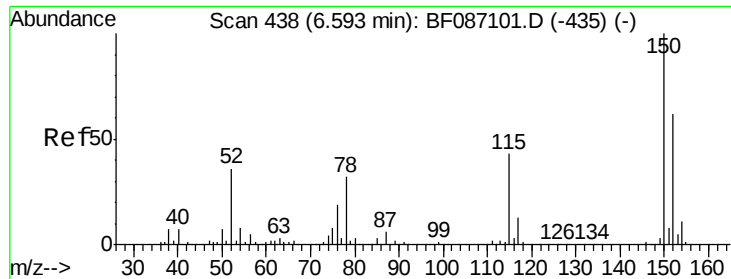
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF087257.D

Acq: 21 May 2016 7:41

Instrument :

BNA_F

ClientSampleId :

RAV-MW-11

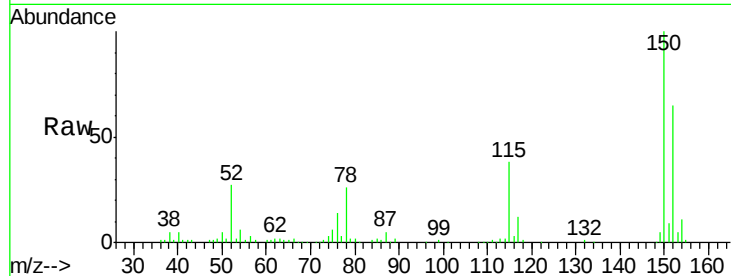
Tgt Ion:152 Resp: 123187

Ion Ratio Lower Upper

152 100

150 154.4 125.8 188.6

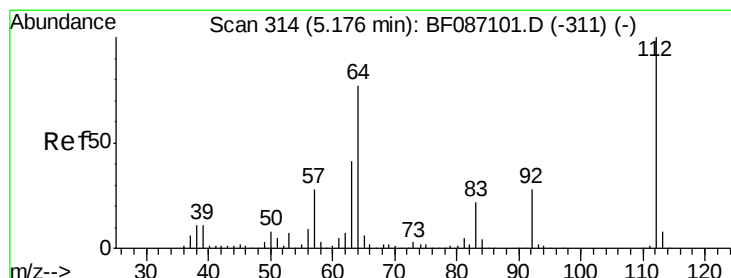
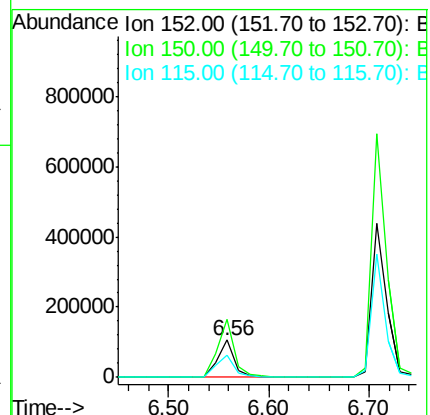
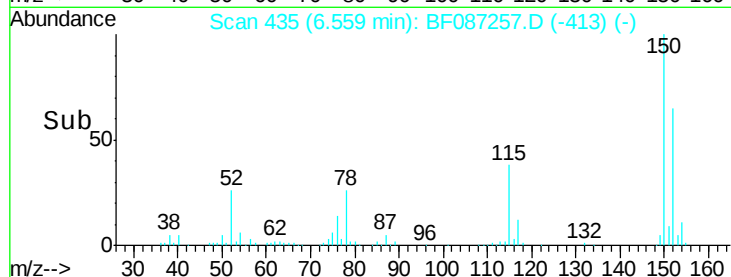
115 58.3 51.5 77.3



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: 80.15 ng

RT: 5.13 min Scan# 310

Delta R.T. -0.07 min

Lab File: BF087257.D

Acq: 21 May 2016 7:41

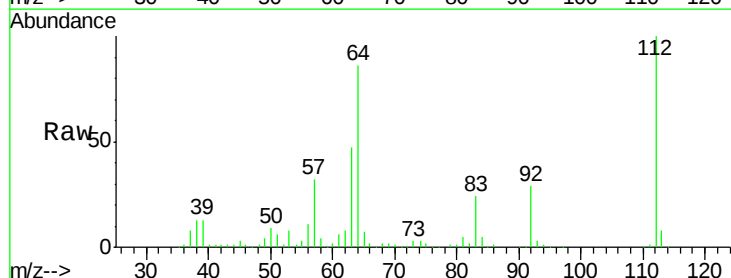
Tgt Ion:112 Resp: 587393

Ion Ratio Lower Upper

112 100

64 86.5 52.1 78.1#

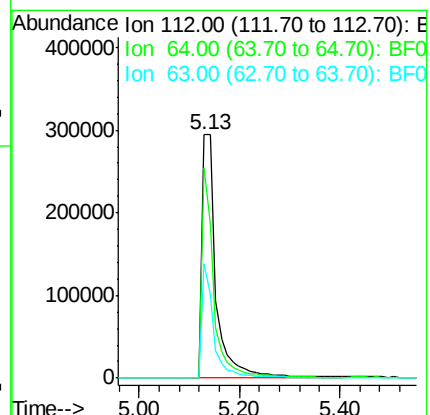
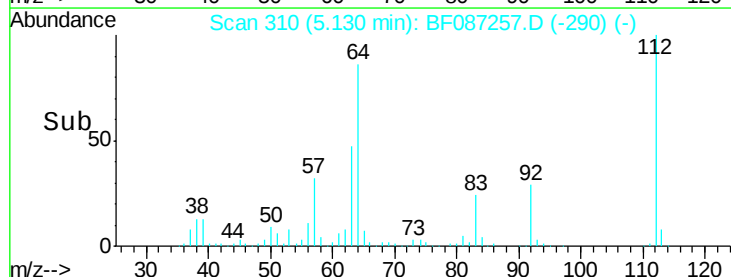
63 47.1 25.7 38.5#

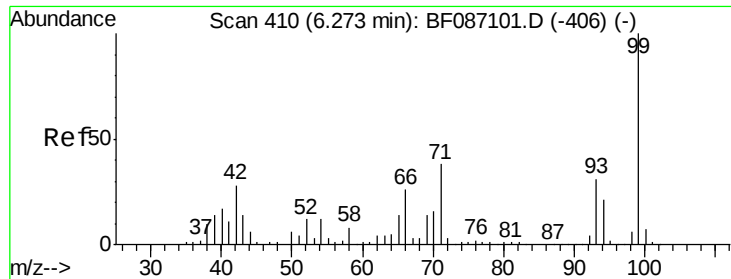


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 49.54 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF087257.D

Acq: 21 May 2016 7:41

Instrument :

BNA_F

ClientSampleId :

RAV-MW-11

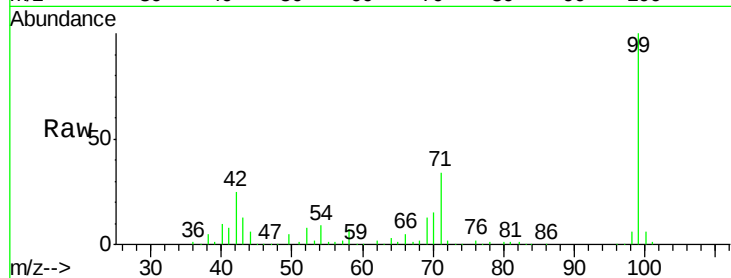
Tgt Ion: 99 Resp: 487003

Ion Ratio Lower Upper

99 100

42 24.5 13.6 20.4#

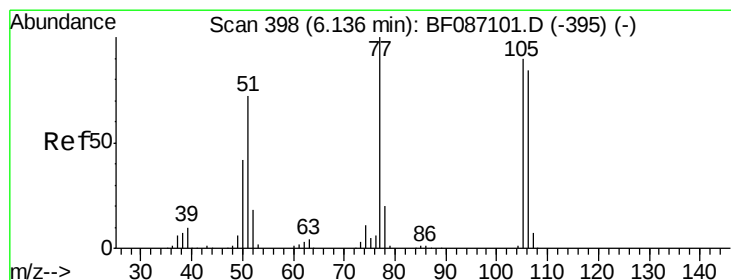
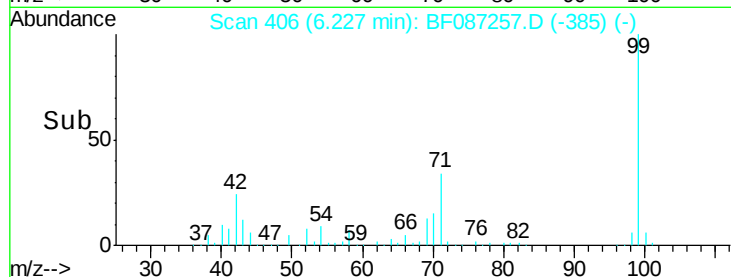
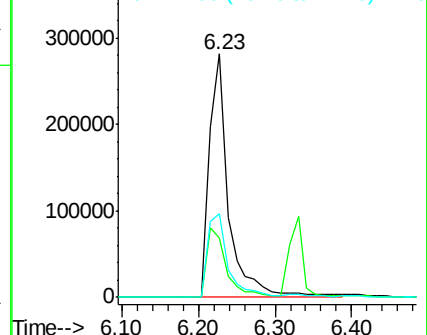
71 34.5 24.6 36.8



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: 4.10 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.18 min

Lab File: BF087257.D

Acq: 21 May 2016 7:41

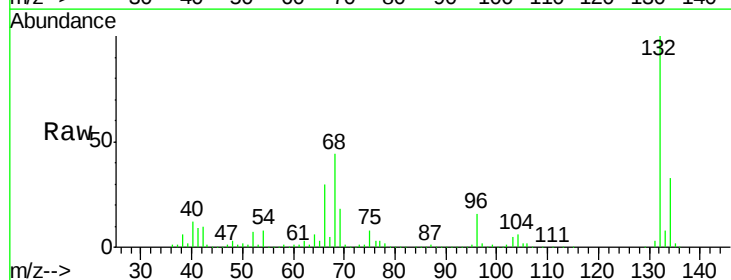
Tgt Ion: 77 Resp: 28869

Ion Ratio Lower Upper

77 100

105 73.9 72.7 112.7

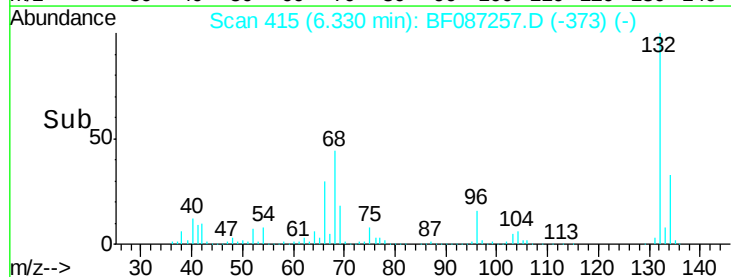
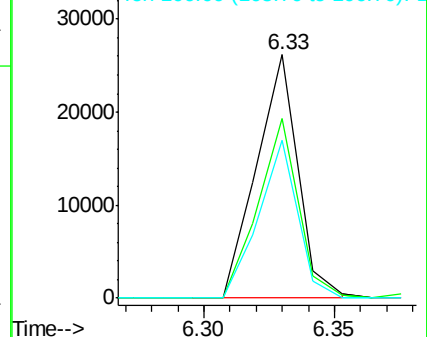
106 64.9 70.8 110.8#

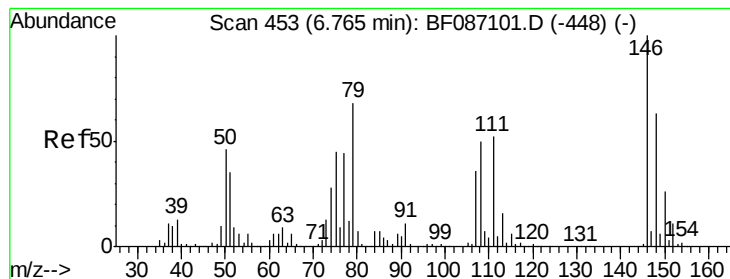


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.29 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.07 min

Lab File: BF087257.D

Acq: 21 May 2016 7:41

Instrument :

BNA_F

ClientSampleId :

RAV-MW-11

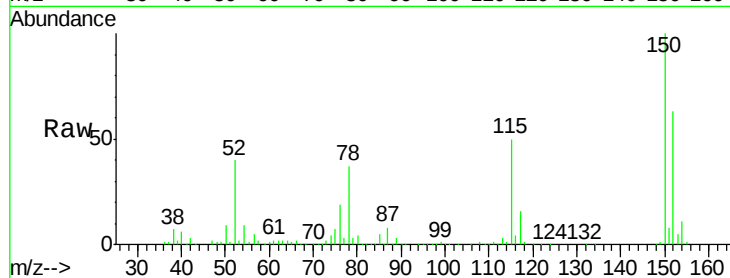
Tgt Ion: 79 Resp: 16769

Ion Ratio Lower Upper

79 100

108 28.5 68.4 102.6#

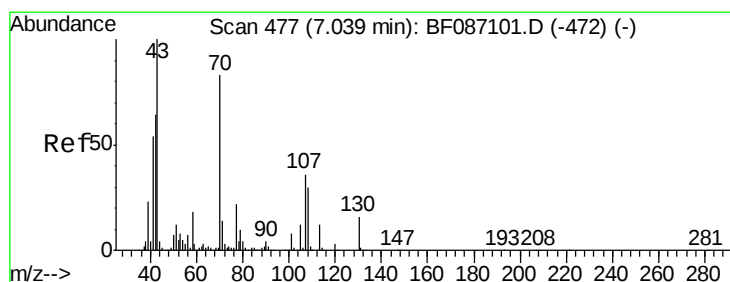
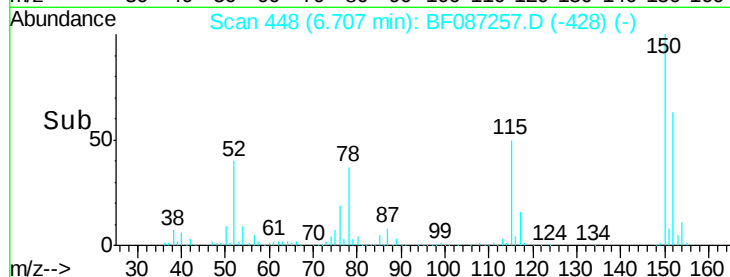
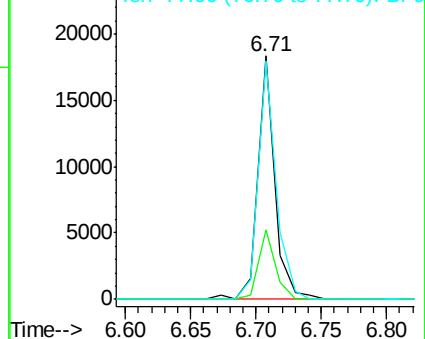
77 97.8 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.07 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.08 min

Lab File: BF087257.D

Acq: 21 May 2016 7:41

Tgt Ion: 70 Resp: 135007

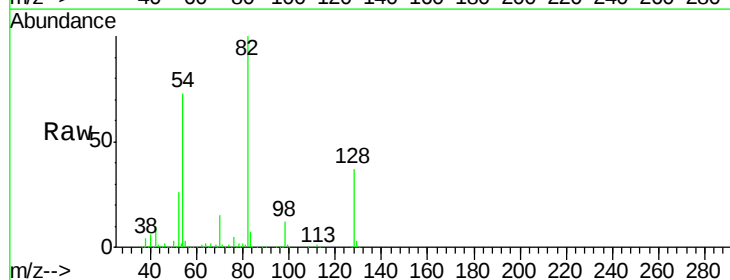
Ion Ratio Lower Upper

70 100

42 70.1 43.1 64.7#

101 0.0 8.1 12.1#

130 1.6 18.6 28.0#

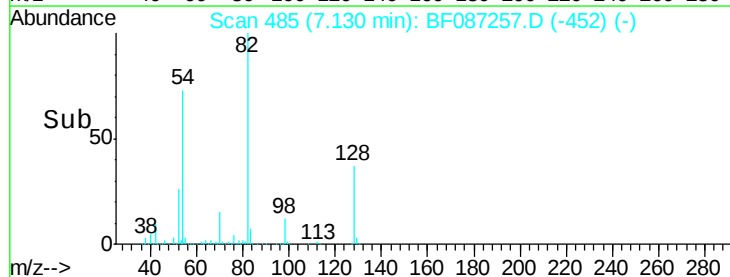
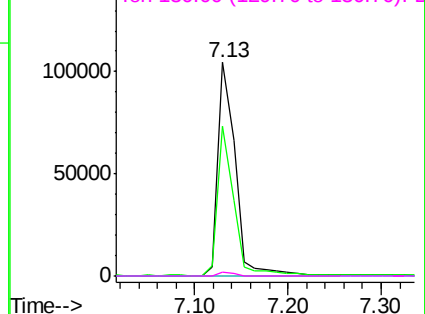


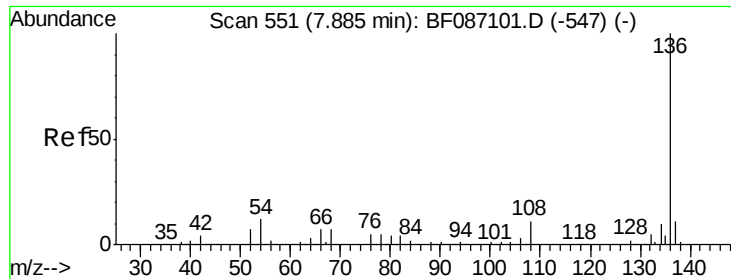
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

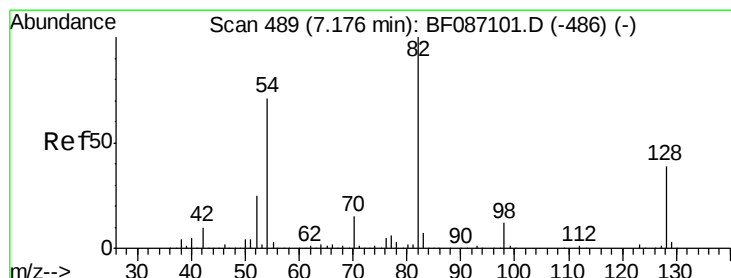
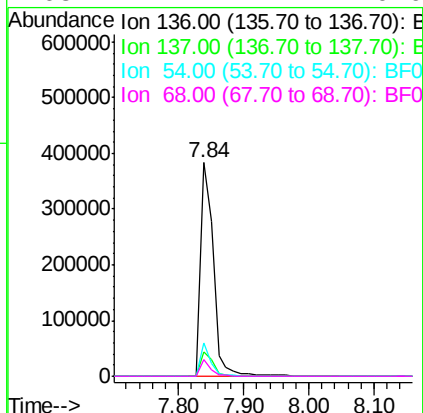
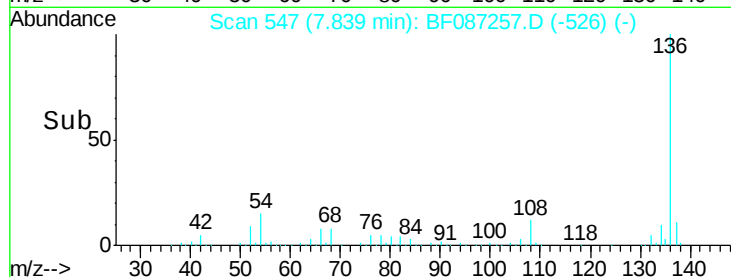
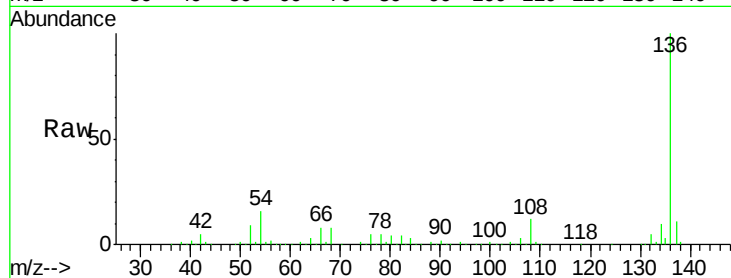




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF087257.D
Acq: 21 May 2016 7:41

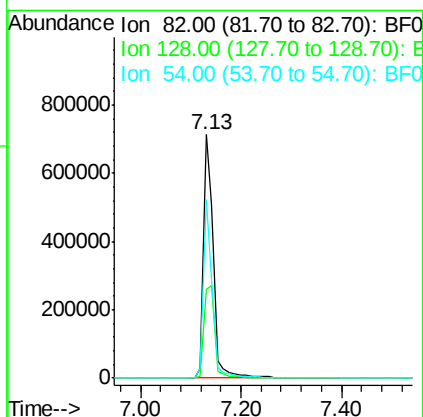
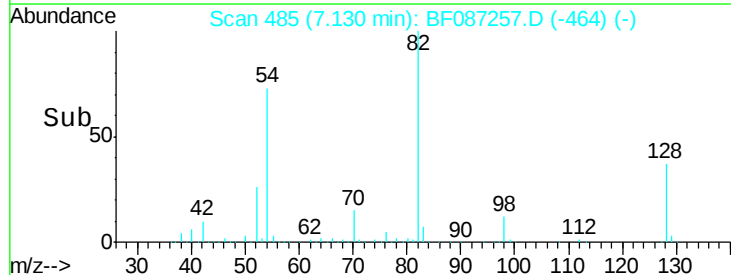
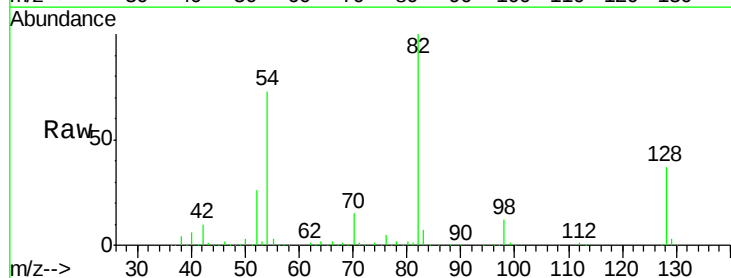
Instrument :
BNA_F
ClientSampleId :
RAV-MW-11

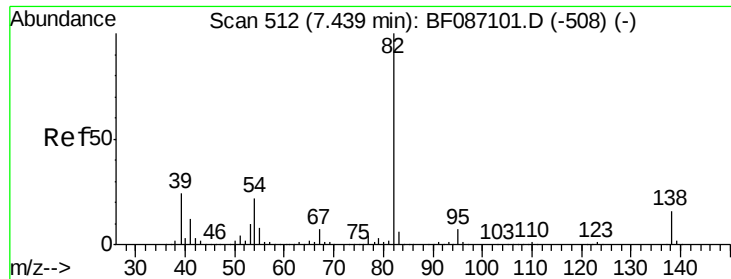
Tgt Ion:	136	Resp:	514643
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	15.5	5.0	7.4#
68	7.7	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 93.26 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.06 min
Lab File: BF087257.D
Acq: 21 May 2016 7:41

Tgt Ion:	82	Resp:	963064
Ion	Ratio	Lower	Upper
82	100		
128	36.5	40.6	61.0#
54	73.2	38.1	57.1#





#25

Isophorone

Concen: 49.33 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.32 min

Lab File: BF087257.D

Acq: 21 May 2016 7:41

Instrument :

BNA_F

ClientSampleId :

RAV-MW-11

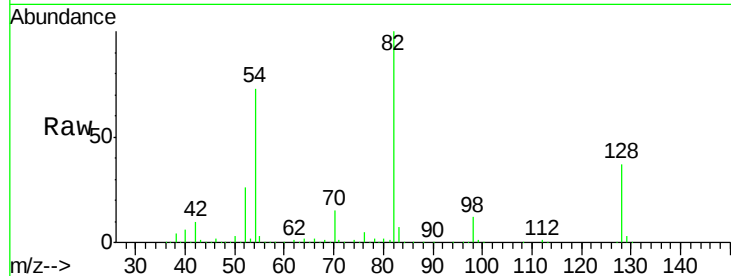
Tgt Ion: 82 Resp: 932517

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

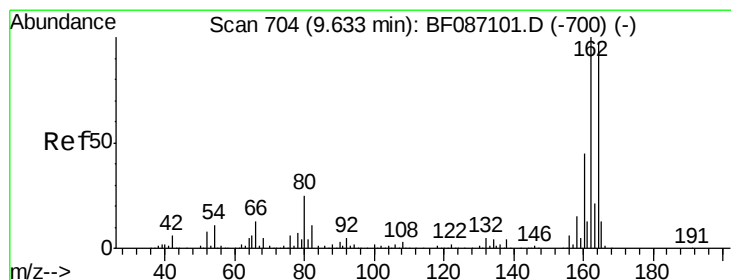
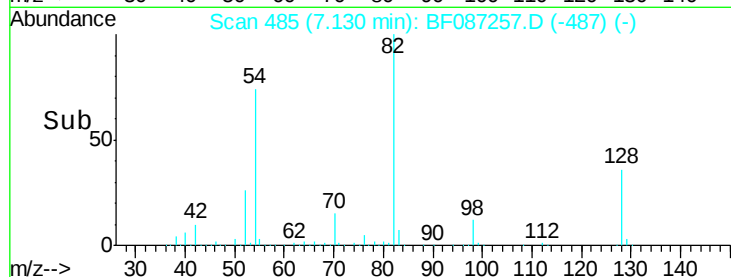
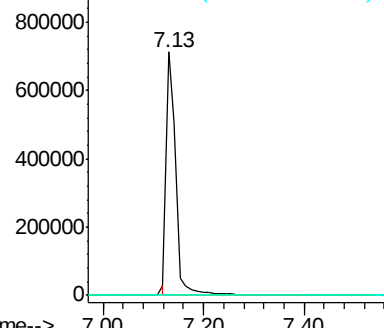
138 0.0 12.4 18.6#



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: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF087257.D

Acq: 21 May 2016 7:41

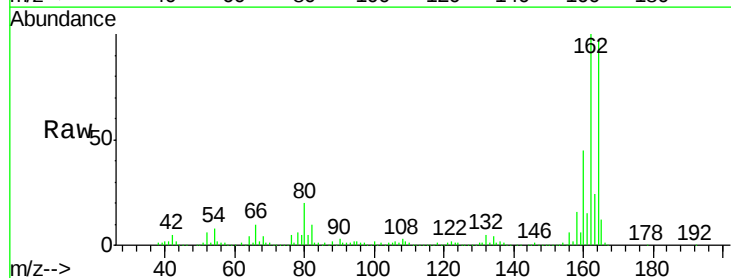
Tgt Ion: 164 Resp: 244008

Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

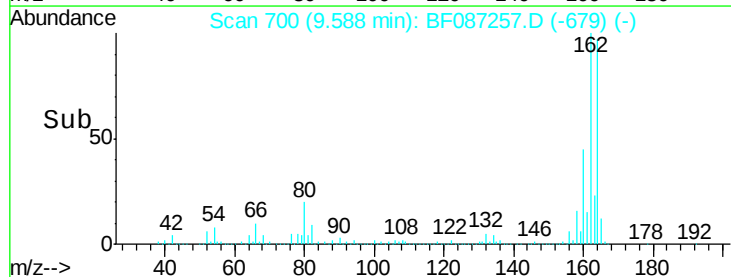
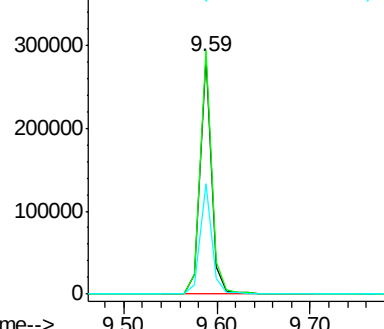
160 46.7 36.9 55.3

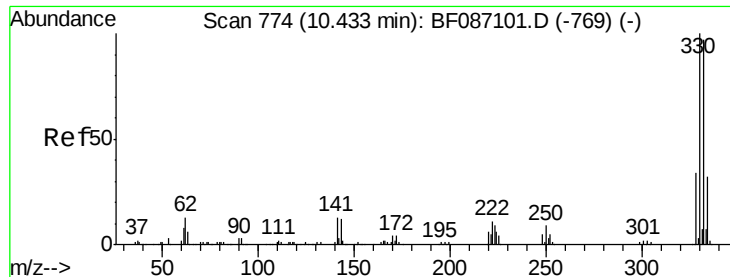


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

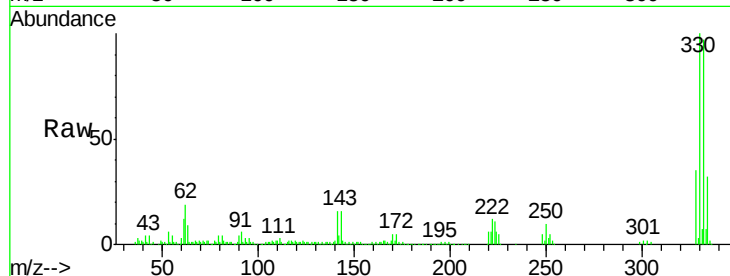




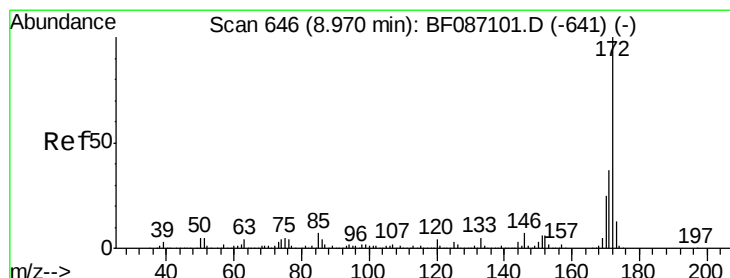
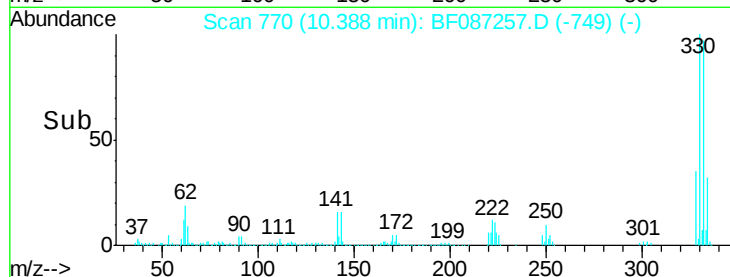
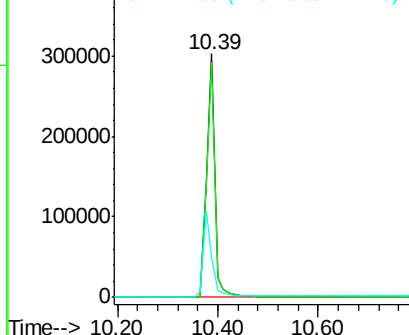
#41
 2,4,6-Tribromophenol
 Concen: 128.69 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.06 min
 Lab File: BF087257.D
 Acq: 21 May 2016 7:41

Instrument :
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Tgt Ion:330 Resp: 346989
 Ion Ratio Lower Upper
 330 100
 332 97.5 79.0 118.4
 141 35.8 31.2 46.8

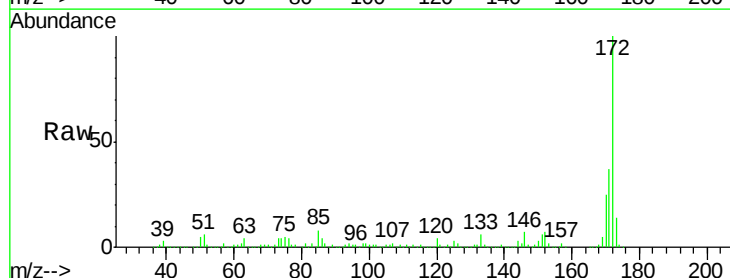


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

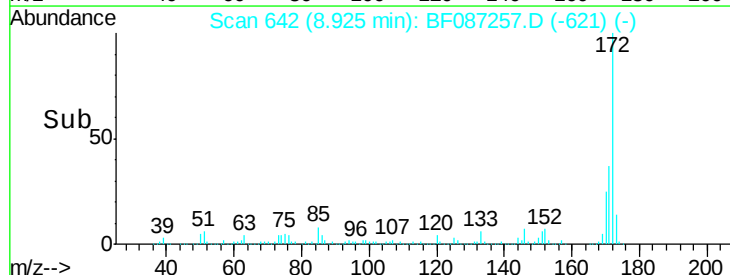
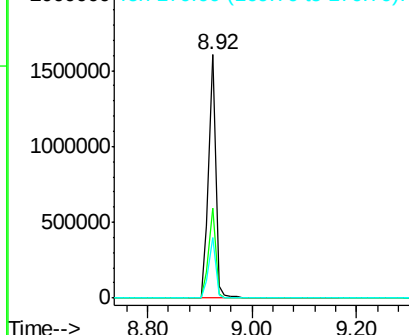


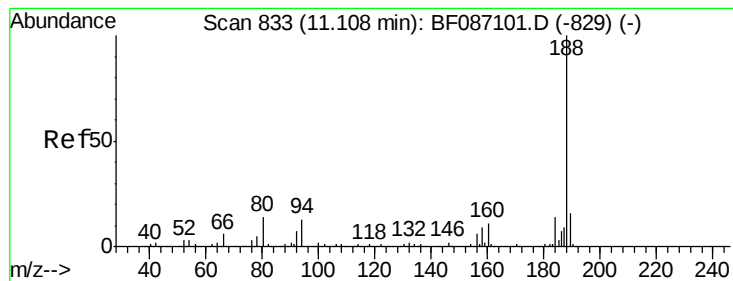
#44
 2-Fluorobiphenyl
 Concen: 103.96 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF087257.D
 Acq: 21 May 2016 7:41

Tgt Ion:172 Resp: 1531734
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 25.1 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.06 min Scan# 829

Delta R.T. -0.06 min

Lab File: BF087257.D

Acq: 21 May 2016 7:41

Instrument :

BNA_F

ClientSampleId :

RAV-MW-11

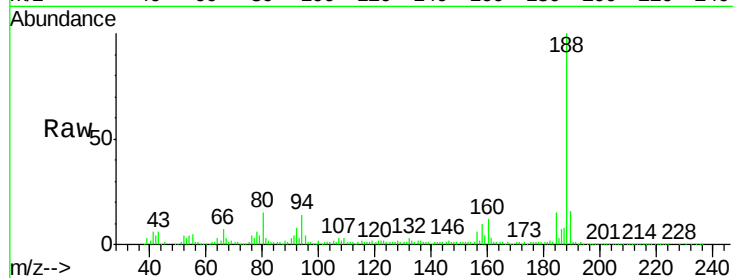
Tgt Ion:188 Resp: 385492

Ion Ratio Lower Upper

188 100

94 14.2 6.8 10.2#

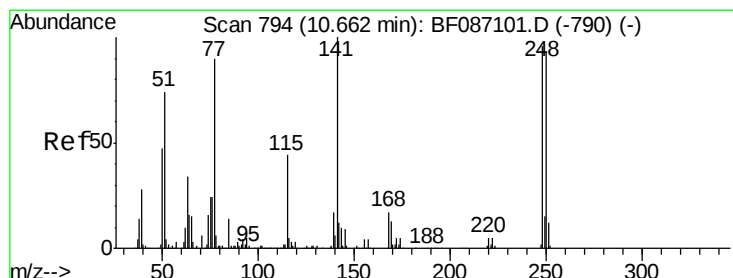
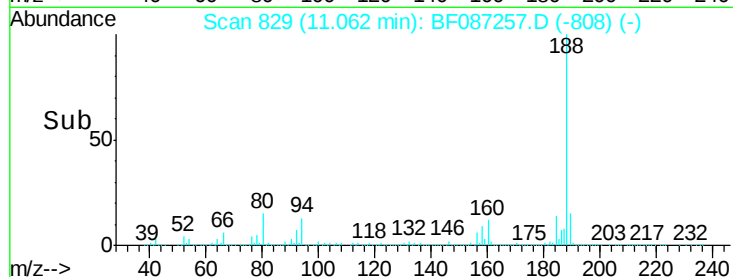
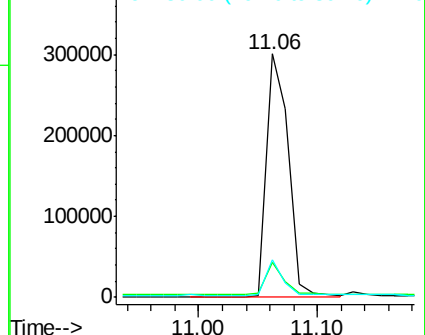
80 15.5 7.1 10.7#



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: 5.60 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.29 min

Lab File: BF087257.D

Acq: 21 May 2016 7:41

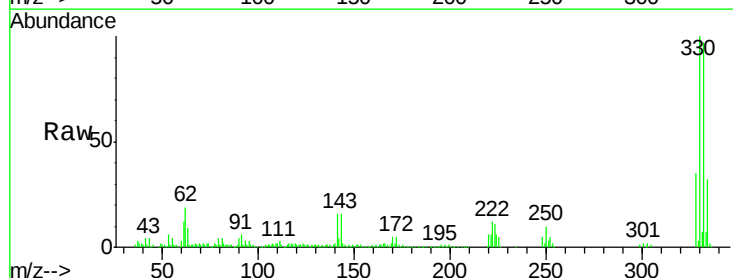
Tgt Ion:248 Resp: 22191

Ion Ratio Lower Upper

248 100

250 203.3 78.6 117.8#

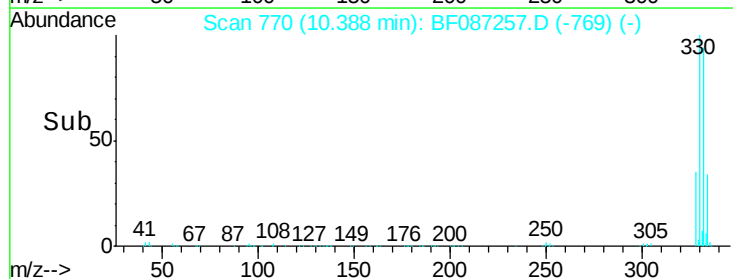
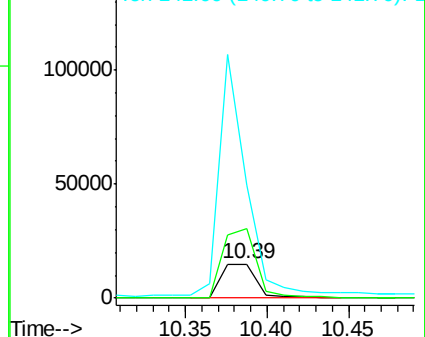
141 328.3 76.0 114.0#

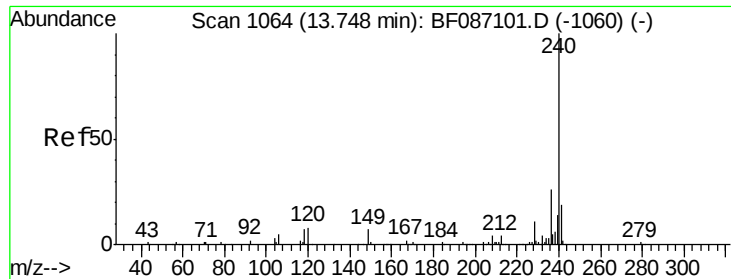


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.70 min Scan# 1060

Delta R.T. -0.06 min

Lab File: BF087257.D

Acq: 21 May 2016 7:41

Instrument :

BNA_F

ClientSampleId :

RAV-MW-11

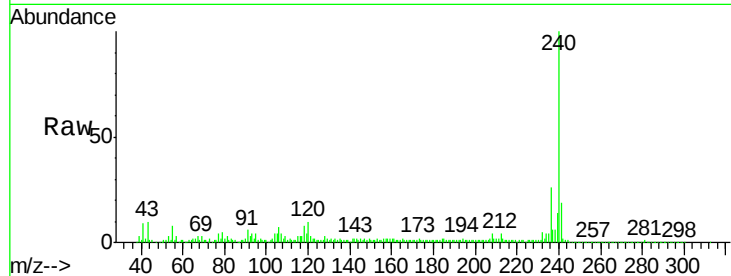
Tgt Ion:240 Resp: 250247

Ion Ratio Lower Upper

240 100

120 9.5 11.2 16.8#

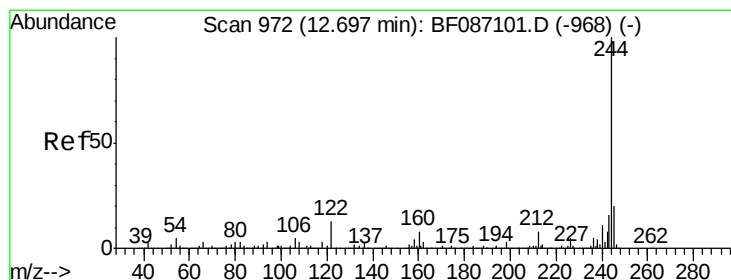
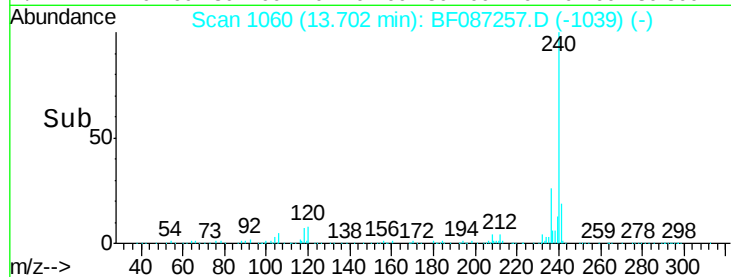
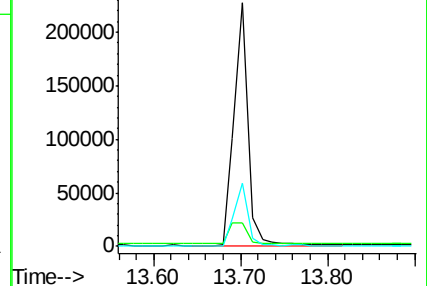
236 26.2 21.2 31.8



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: 86.43 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.06 min

Lab File: BF087257.D

Acq: 21 May 2016 7:41

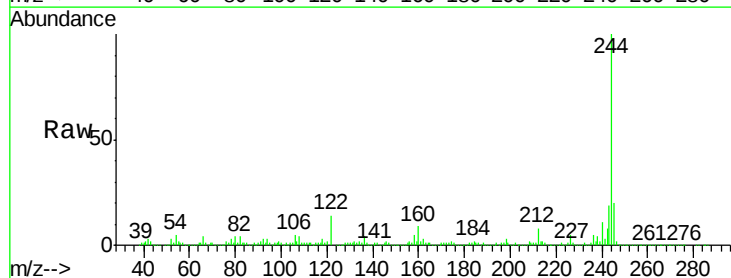
Tgt Ion:244 Resp: 956115

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

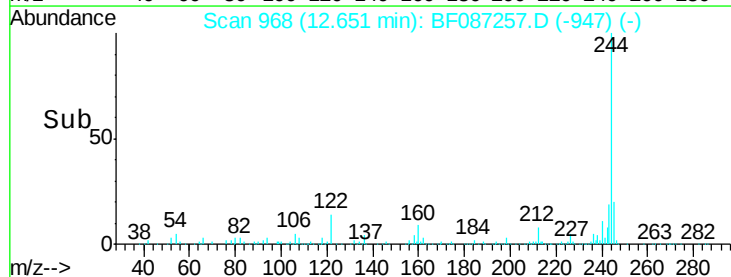
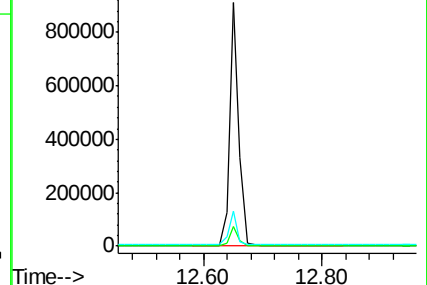
122 14.4 12.0 18.0

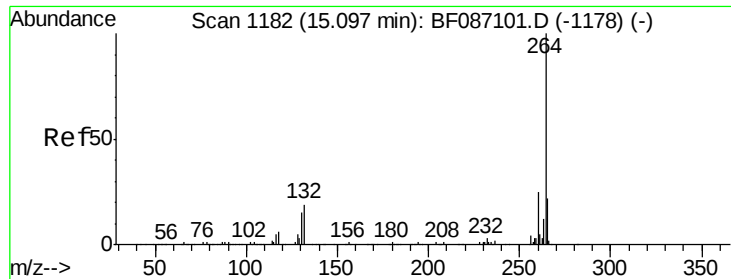


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF087257.D
Acq: 21 May 2016 7:41

Instrument :
BNA_F
ClientSampleId :
RAV-MW-11

Tgt Ion: 264 Resp: 221691
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.1 17.3 25.9

