

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087208.D
 Acq On : 20 May 2016 3:15
 Operator : UM/SJ
 Sample : H3121-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: May 20 04:12:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:23:56 2016
 Response via : Initial Calibration

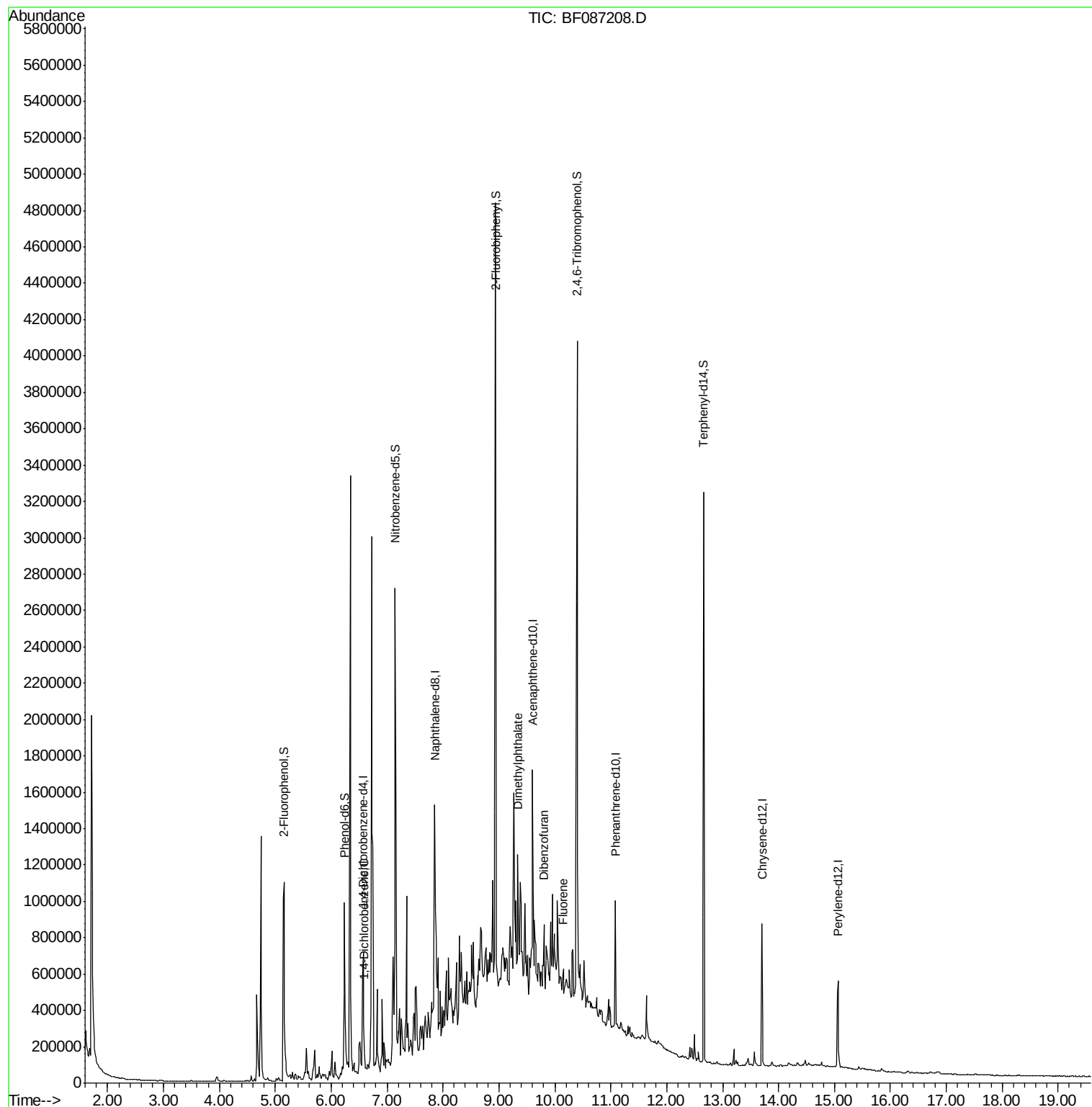
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	124906	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	475683	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	210679	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	363998	20.00	ng	0.00
75) Chrysene-d12	13.70	240	258199	20.00	ng	-0.01
86) Perylene-d12	15.06	264	248549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	478863	64.44	ng	0.01
7) Phenol-d6	6.24	99	441008	44.25	ng	0.00
23) Nitrobenzene-d5	7.14	82	849395	88.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	332371	142.76	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	1250443	98.30	ng	0.00
78) Terphenyl-d14	12.66	244	887038	77.71	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	6.58	146	36112	3.67	ng	# 90
49) Dimethylphthalate	9.34	163	93763	5.83	ng	# 95
54) Dibenzofuran	9.80	168	34992	2.12	ng	# 57
57) Fluorene	10.15	166	30877	2.32	ng	# 91

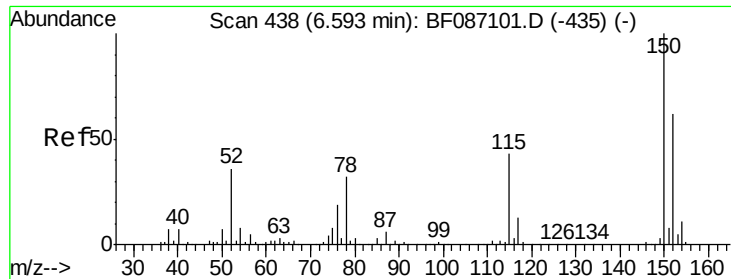
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF087208.D

Acq: 20 May 2016 3:15

Instrument :

BNA_F

ClientSampleId :

MW-01

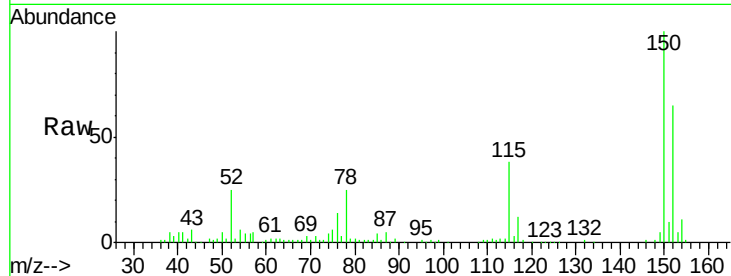
Tgt Ion:152 Resp: 124906

Ion Ratio Lower Upper

152 100

150 154.4 125.8 188.6

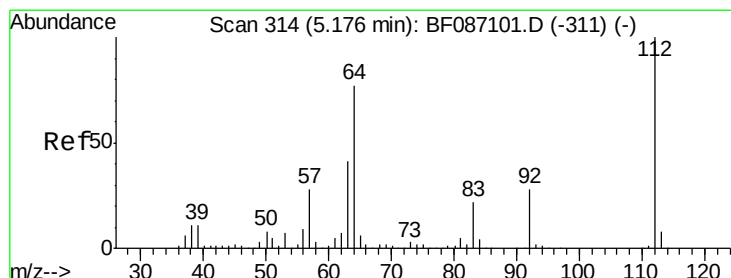
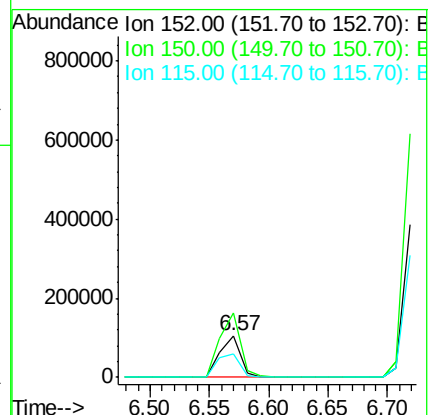
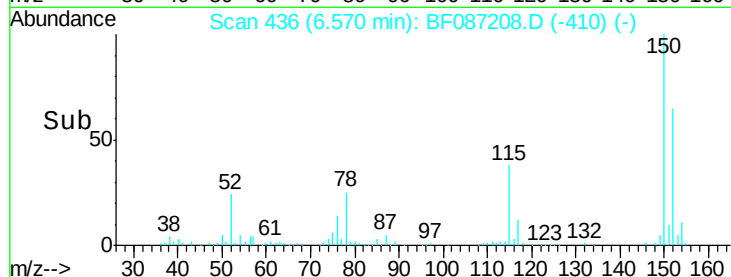
115 57.9 51.5 77.3



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: 64.44 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF087208.D

Acq: 20 May 2016 3:15

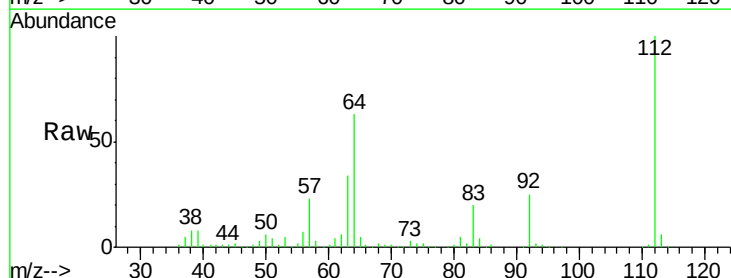
Tgt Ion:112 Resp: 478863

Ion Ratio Lower Upper

112 100

64 63.1 52.1 78.1

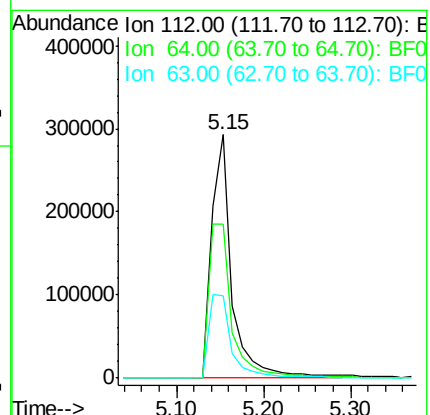
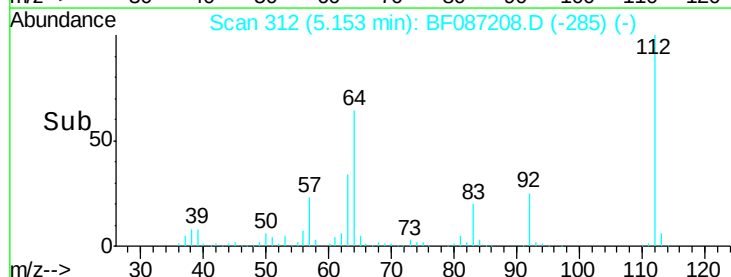
63 34.0 25.7 38.5

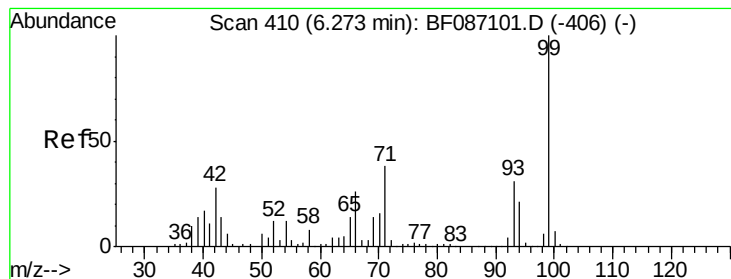


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.25 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF087208.D

Acq: 20 May 2016 3:15

Instrument :

BNA_F

ClientSampleId :

MW-01

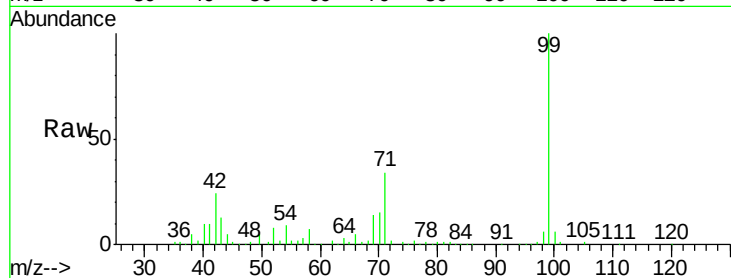
Tgt Ion: 99 Resp: 441008

Ion Ratio Lower Upper

99 100

42 24.5 13.6 20.4#

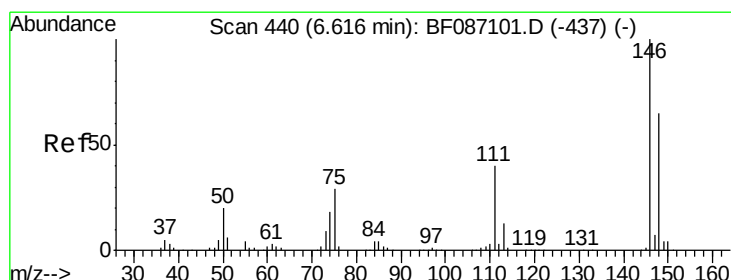
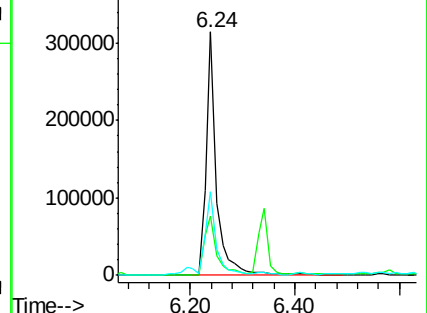
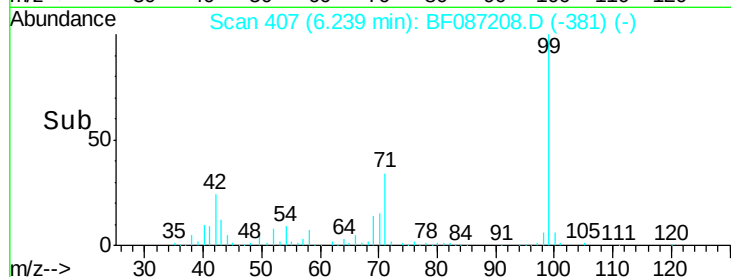
71 34.5 24.6 36.8



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



#13

1,4-Dichlorobenzene

Concen: 3.67 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF087208.D

Acq: 20 May 2016 3:15

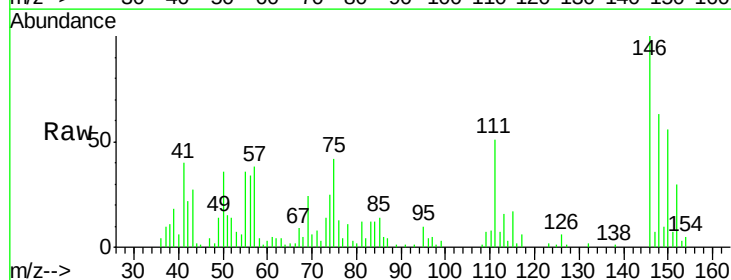
Tgt Ion: 146 Resp: 36112

Ion Ratio Lower Upper

146 100

148 62.8 52.2 78.4

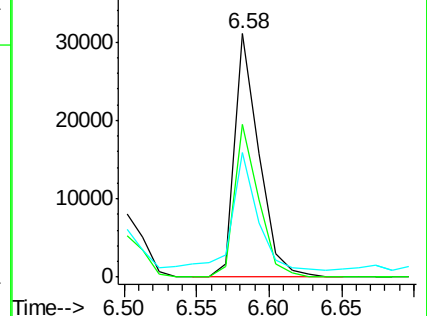
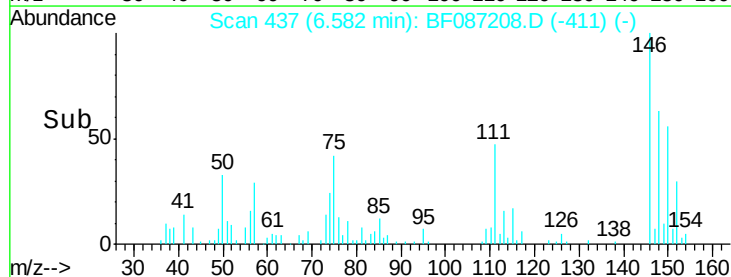
111 51.4 30.7 46.1#

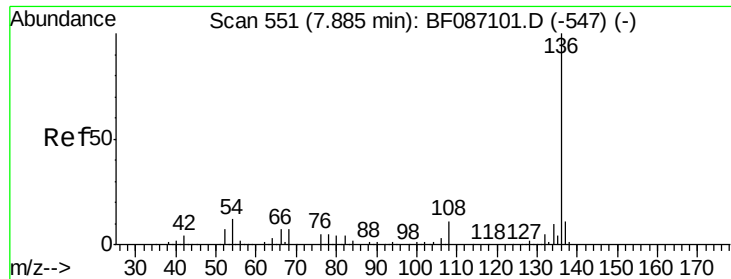


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF087208.D

Acq: 20 May 2016 3:15

Instrument :

BNA_F

ClientSampleId :

MW-01

Tgt Ion:136 Resp: 475683

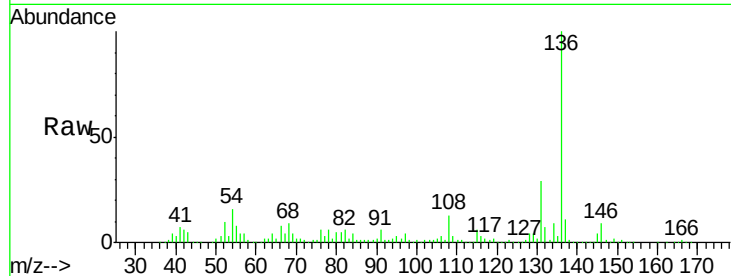
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 16.4 5.0 7.4#

68 8.6 4.4 6.6#

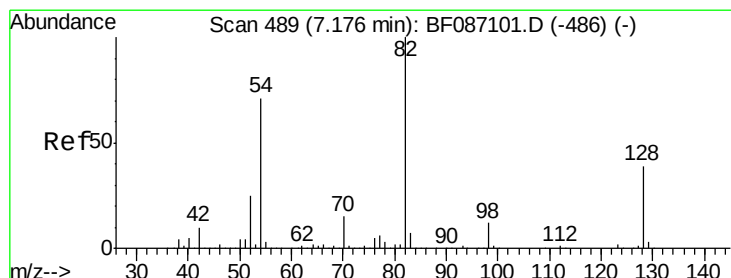
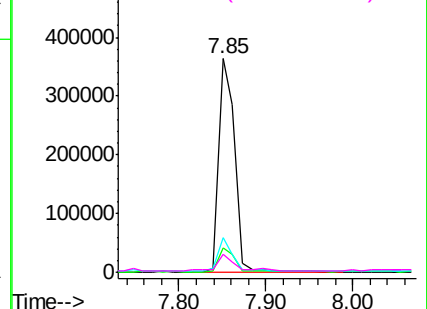
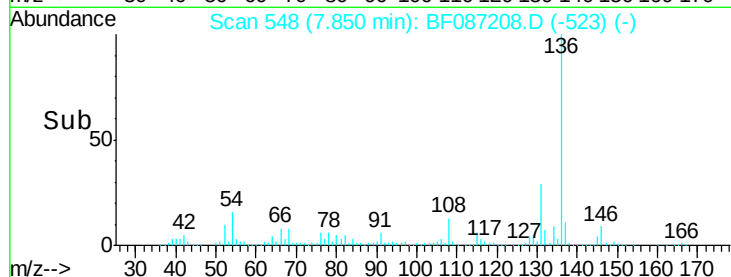


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.99 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF087208.D

Acq: 20 May 2016 3:15

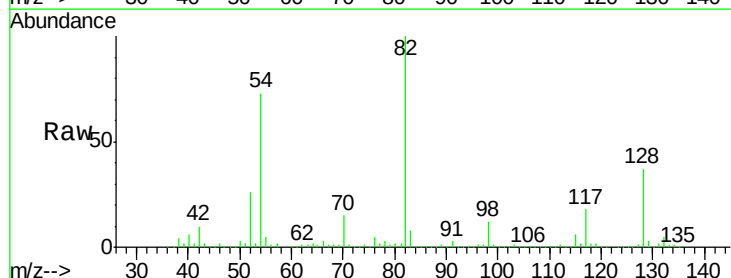
Tgt Ion: 82 Resp: 849395

Ion Ratio Lower Upper

82 100

128 37.1 40.6 61.0#

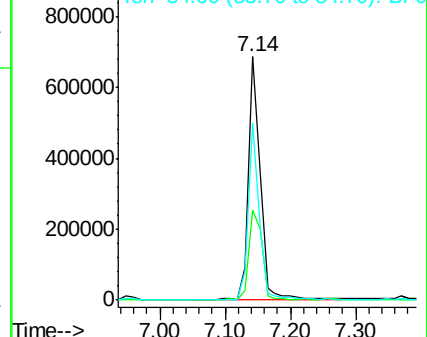
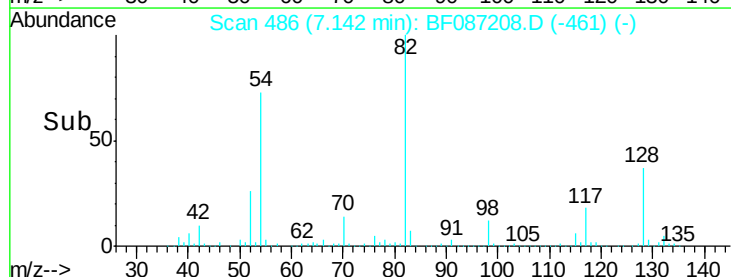
54 72.6 38.1 57.1#

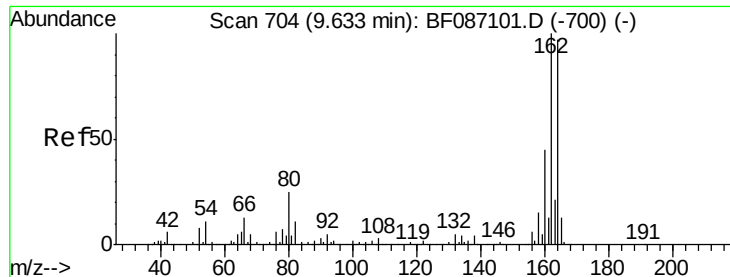


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF087208.D

Acq: 20 May 2016 3:15

Instrument :

BNA_F

ClientSampleId :

MW-01

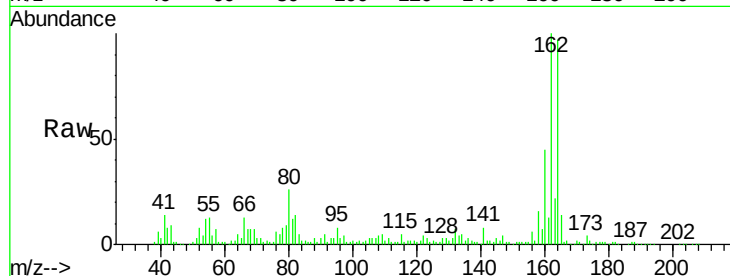
Tgt Ion:164 Resp: 210679

Ion Ratio Lower Upper

164 100

162 103.4 82.8 124.2

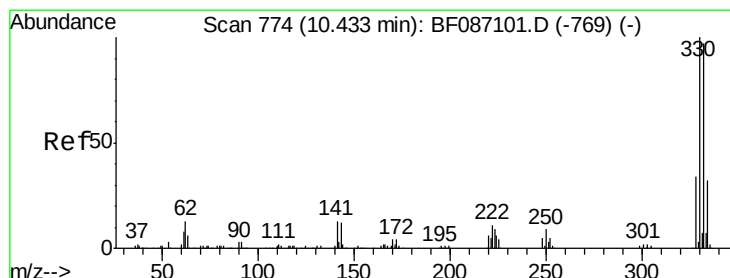
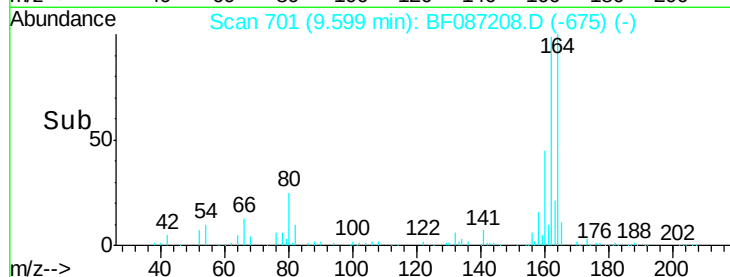
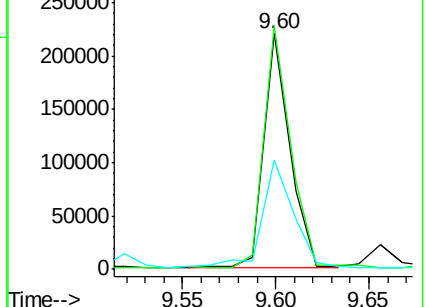
160 46.5 36.9 55.3



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: 142.76 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF087208.D

Acq: 20 May 2016 3:15

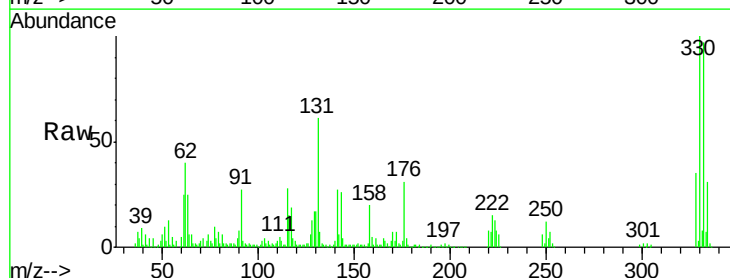
Tgt Ion:330 Resp: 332371

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

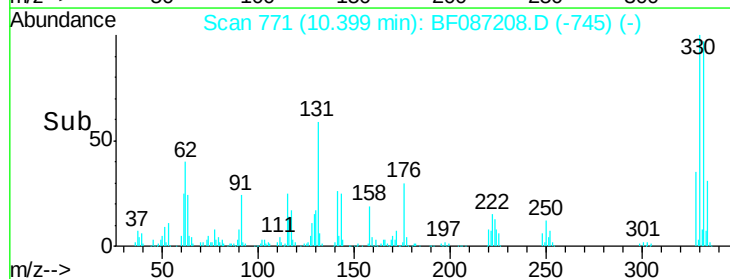
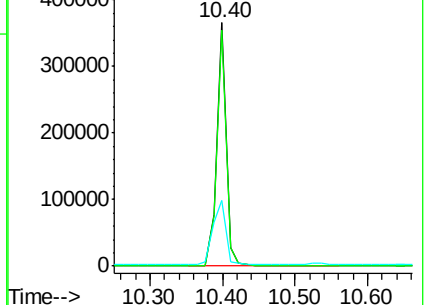
141 36.2 31.2 46.8

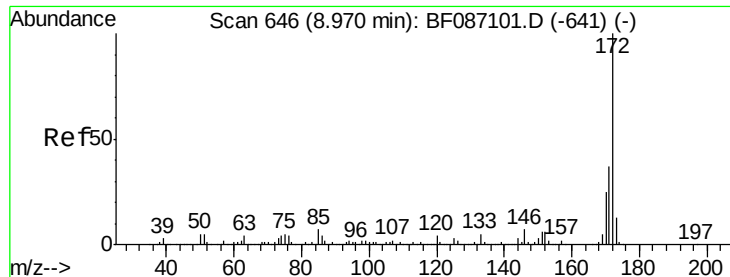


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 98.30 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF087208.D

Acq: 20 May 2016 3:15

Instrument :

BNA_F

ClientSampleId :

MW-01

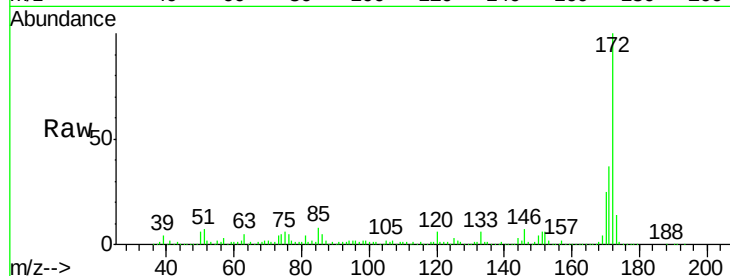
Tgt Ion:172 Resp: 1250443

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

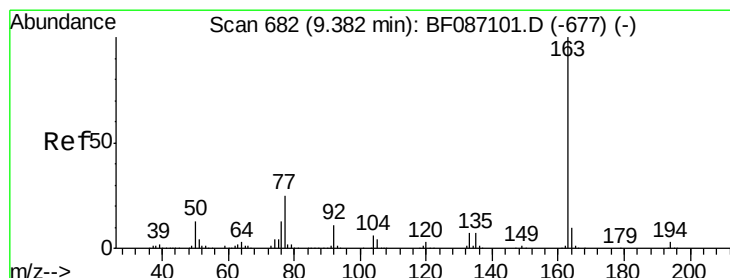
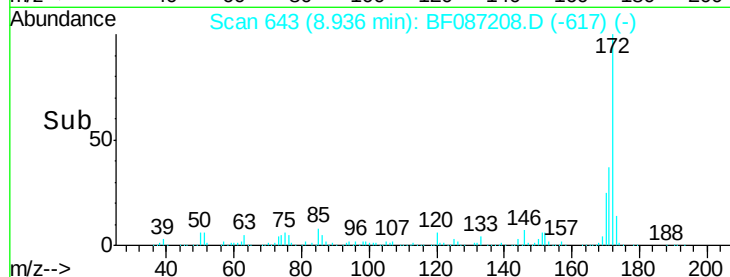
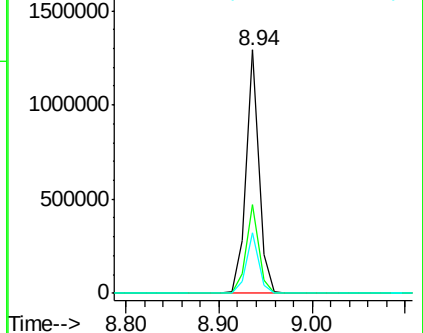
170 24.7 19.8 29.8



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: 5.83 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF087208.D

Acq: 20 May 2016 3:15

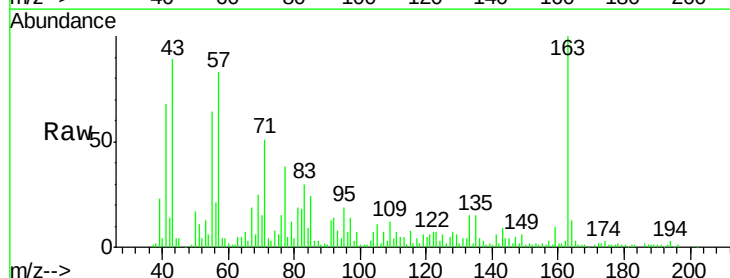
Tgt Ion:163 Resp: 93763

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

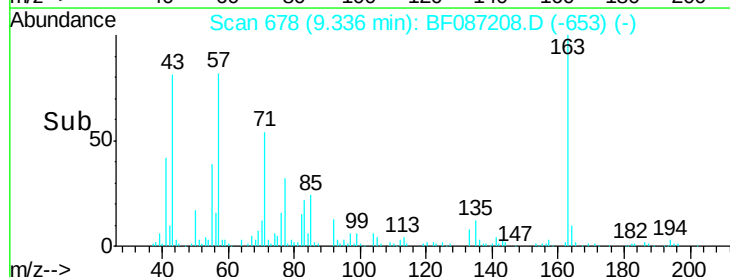
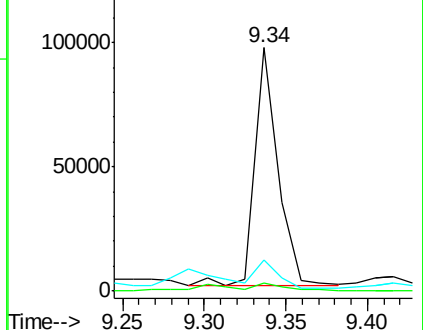
164 12.6 8.2 12.4#

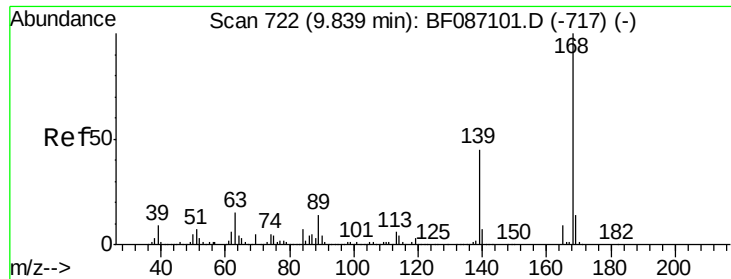


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

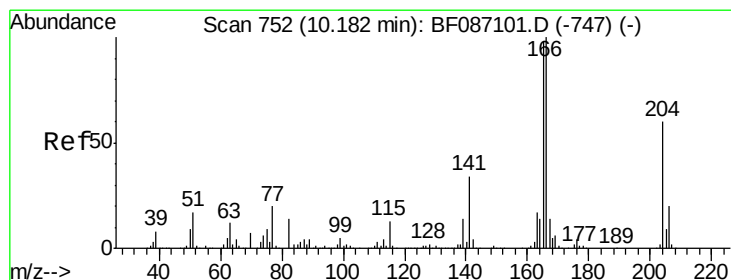
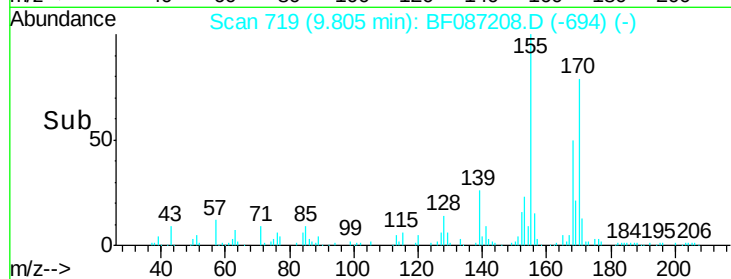
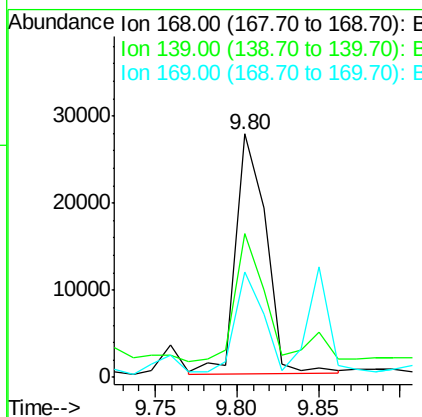
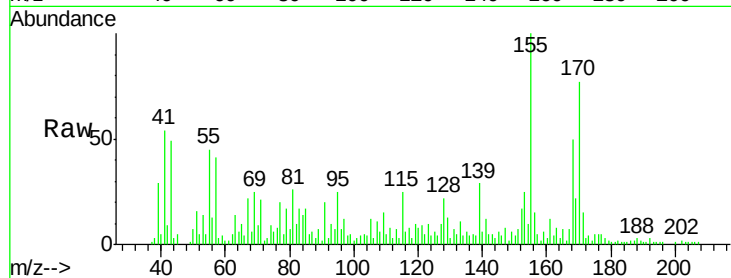




#54
Dibenzenofuran
Concen: 2.12 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF087208.D
Acq: 20 May 2016 3:15

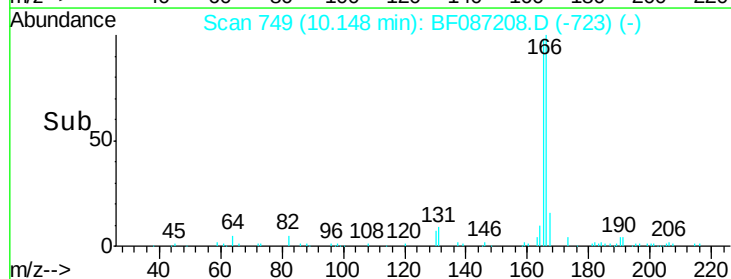
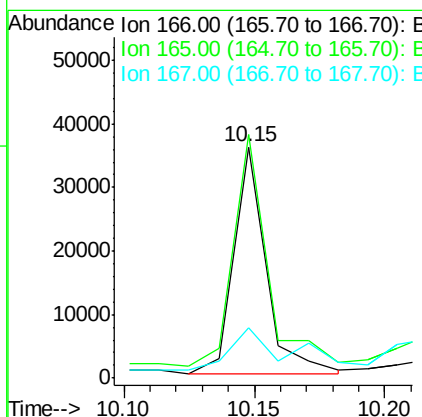
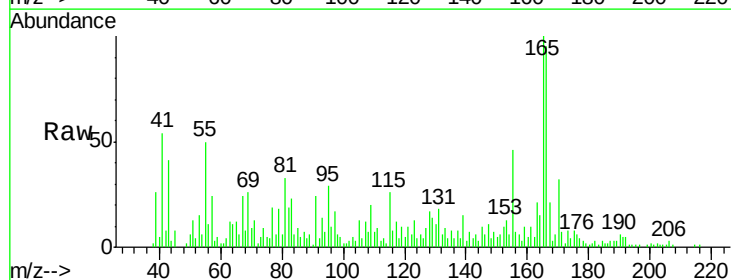
Instrument :
BNA_F
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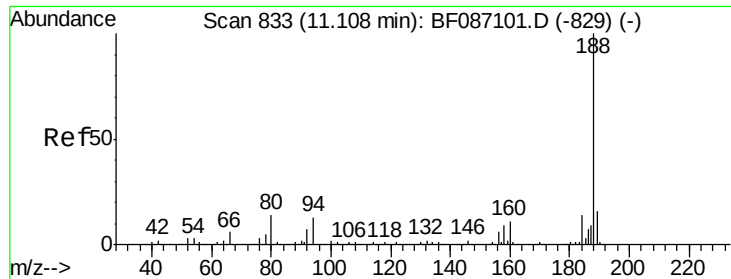
Tgt Ion:168 Resp: 34992
Ion Ratio Lower Upper
168 100
139 59.0 31.4 47.0#
169 43.4 10.7 16.1#



#57
Fluorene
Concen: 2.32 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF087208.D
Acq: 20 May 2016 3:15

Tgt Ion:166 Resp: 30877
Ion Ratio Lower Upper
166 100
165 105.4 79.0 118.6
167 22.1 10.6 15.8#

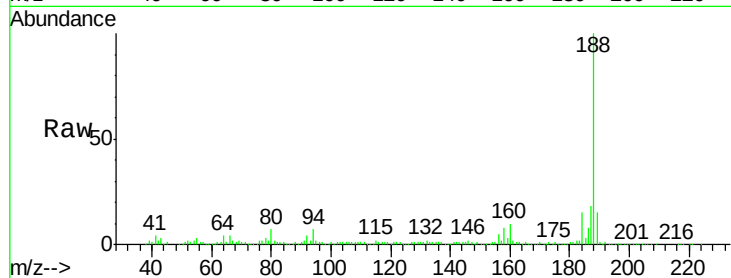




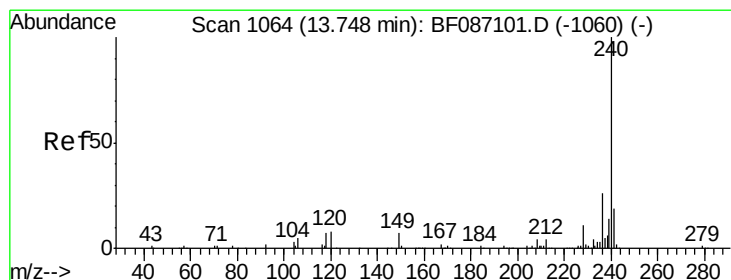
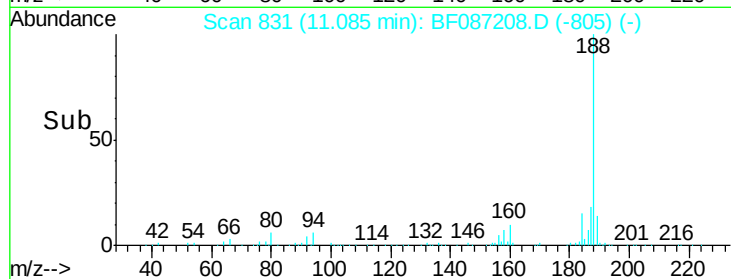
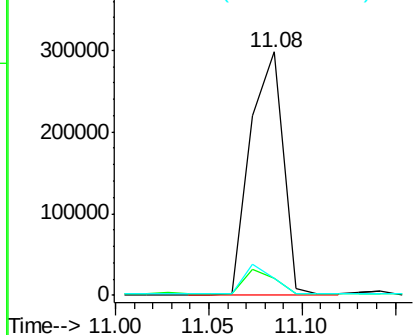
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF087208.D
Acq: 20 May 2016 3:15

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:188 Resp: 363998
Ion Ratio Lower Upper
188 100
94 7.1 6.8 10.2
80 7.0 7.1 10.7#

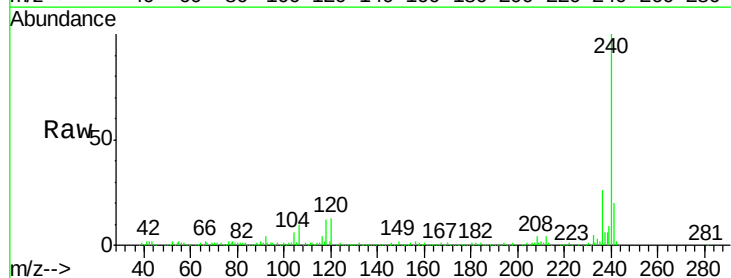


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

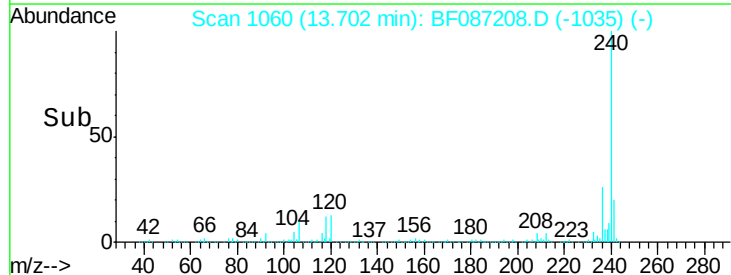
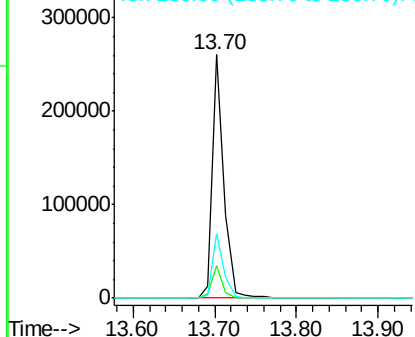


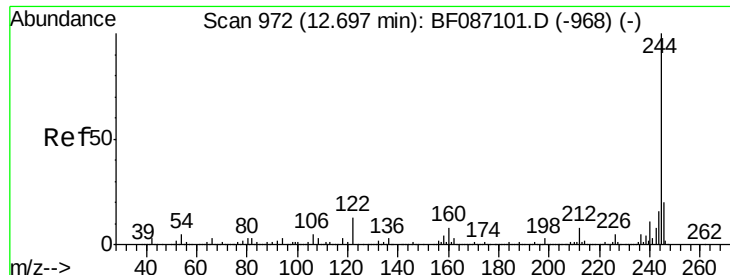
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF087208.D
Acq: 20 May 2016 3:15

Tgt Ion:240 Resp: 258199
Ion Ratio Lower Upper
240 100
120 13.5 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

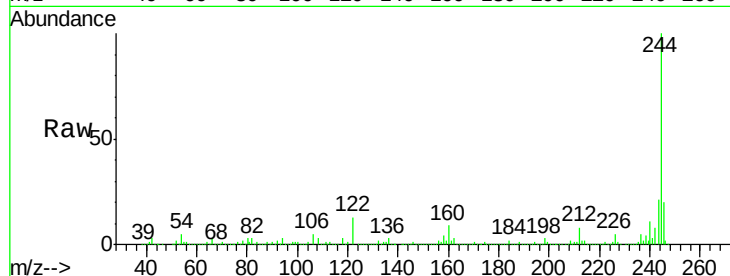




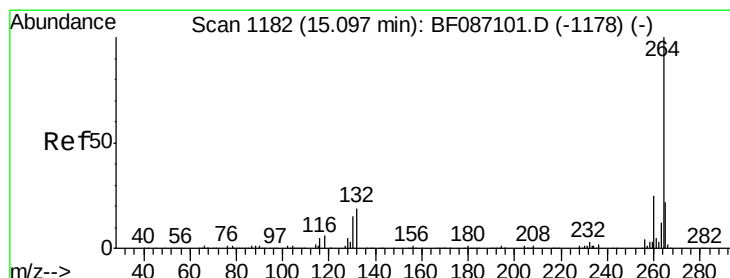
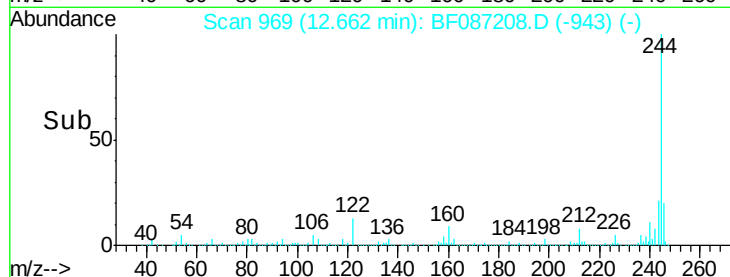
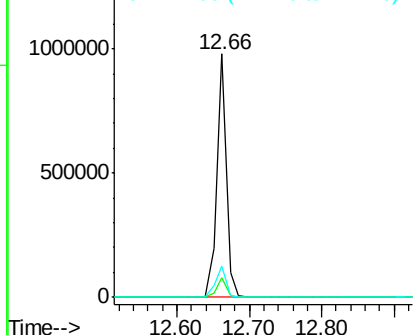
#78
 Terphenyl-d14
 Concen: 77.71 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF087208.D
 Acq: 20 May 2016 3:15

Instrument :
 BNA_F
 ClientSampled :
 MW-01

Tgt Ion:244 Resp: 887038
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 12.8 12.0 18.0

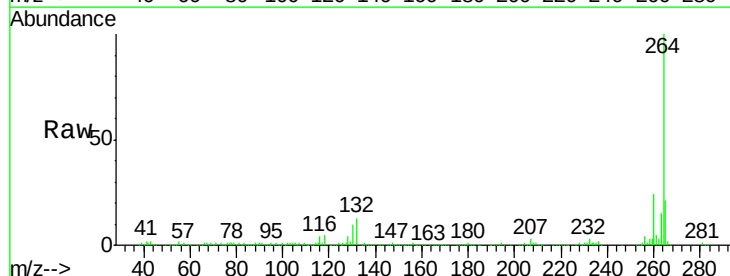


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF087208.D
 Acq: 20 May 2016 3:15

Tgt Ion:264 Resp: 248549
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.2 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

