

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082616\
 Data File : BF089922.D
 Acq On : 26 Aug 2016 22:00
 Operator : UM/SJ
 Sample : H4597-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104

Quant Time: Aug 26 23:07:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 18:51:25 2016
 Response via : Initial Calibration

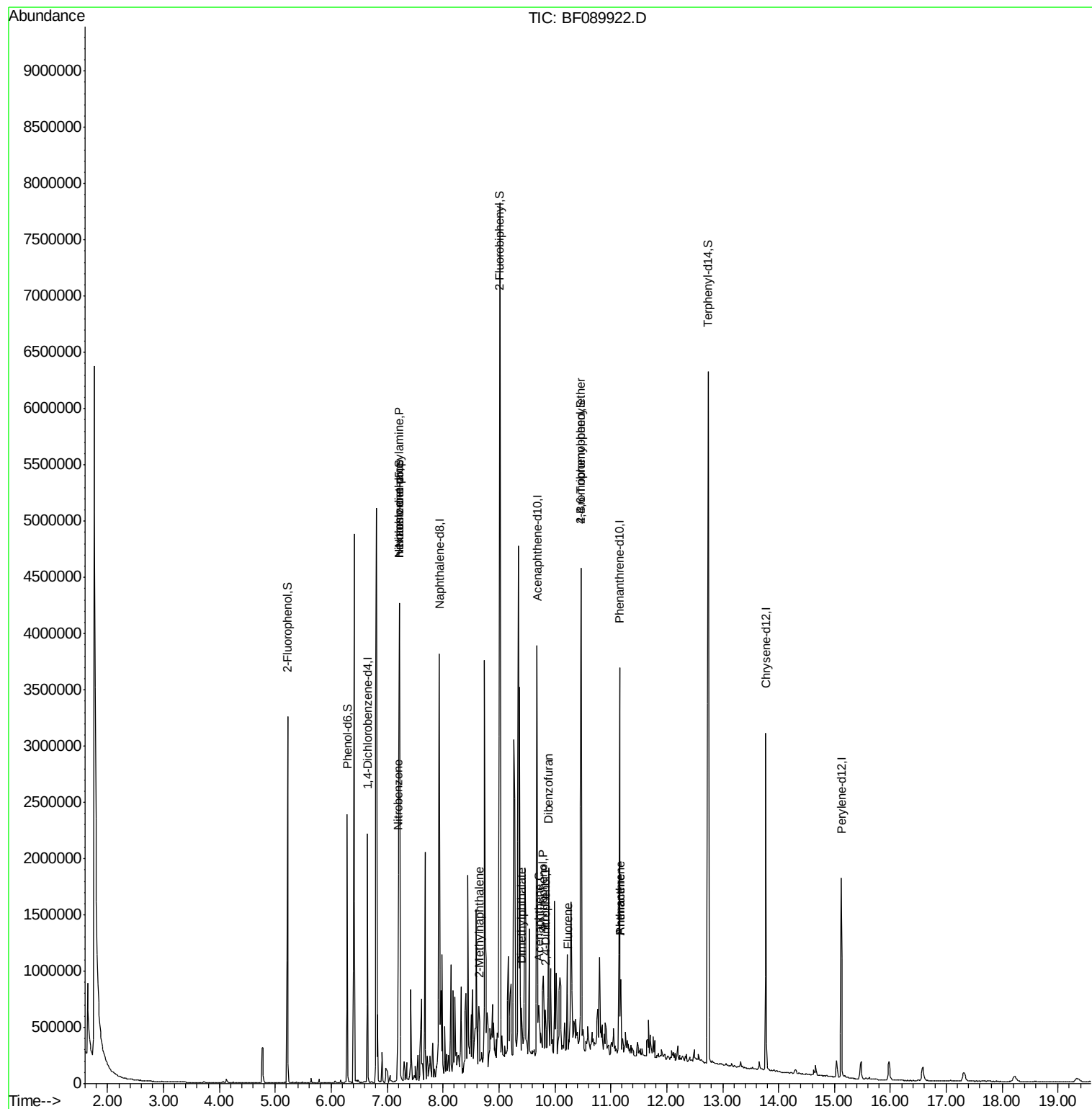
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	361200	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1302077	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	657387	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	1234759	20.00	ng	0.00
75) Chrysene-d12	13.77	240	1004369	20.00	ng	-0.01
86) Perylene-d12	15.12	264	845375	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	988996	46.96	ng	0.00
7) Phenol-d6	6.28	99	866162	33.50	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1762057	84.07	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	600483	96.12	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2548118	68.13	ng	0.00
78) Terphenyl-d14	12.74	244	2195099	49.44	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.22	117	226760	23.49	ng	# 2
19) n-Nitroso-di-n-propylamine	7.22	70	227249	13.74	ng	# 69
24) Nitrobenzene	7.20	77	52513	2.23	ng	# 21
37) 2-Methylnaphthalene	8.65	142	163152	4.14	ng	99
49) Dimethylphthalate	9.40	163	173863	3.76	ng	99
51) Acenaphthene	9.71	154	100460	2.51	ng	98
53) 2,4-Dinitrophenol	9.83	184	1583	2.58	ng	# 1
54) Dibenzofuran	9.88	168	111555	2.22	ng	# 63
55) 4-Nitrophenol	9.79	139	20854	2.16	ng	# 51
57) Fluorene	10.23	166	194332	4.85	ng	100
66) 4-Bromophenyl-phenylether	10.47	248	35995	2.78	ng	# 1
70) Phenanthrene	11.18	178	238732	3.83	ng	98
71) Anthracene	11.18	178	238732	3.77	ng	98

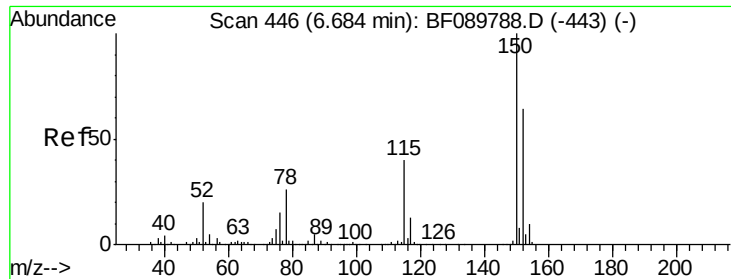
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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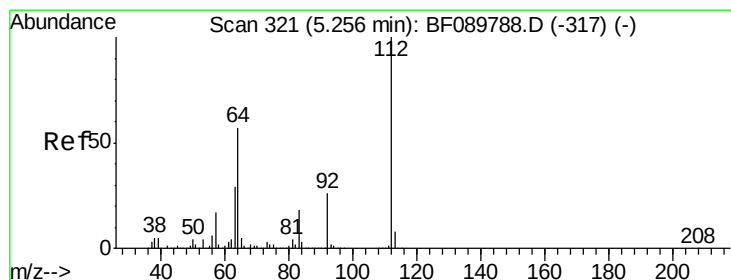
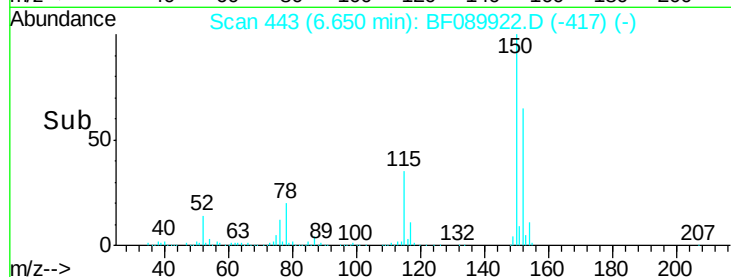
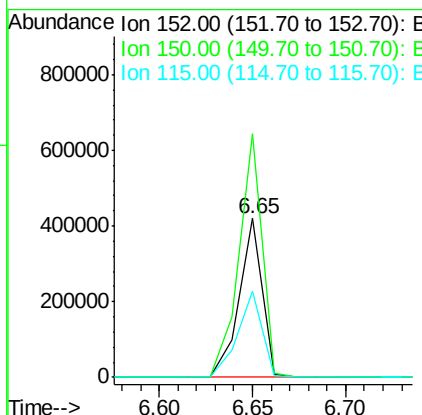
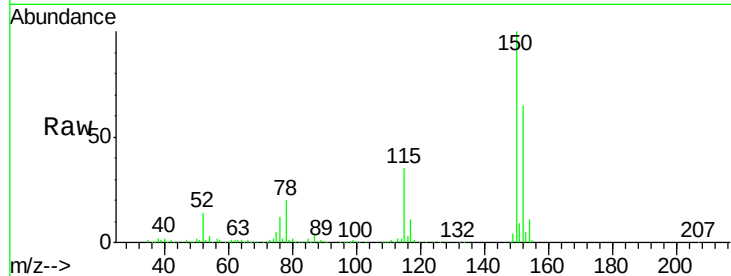


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF089922.D
Acq: 26 Aug 2016 22:00

Instrument :
BNA_F
ClientSampleId :
MW-104

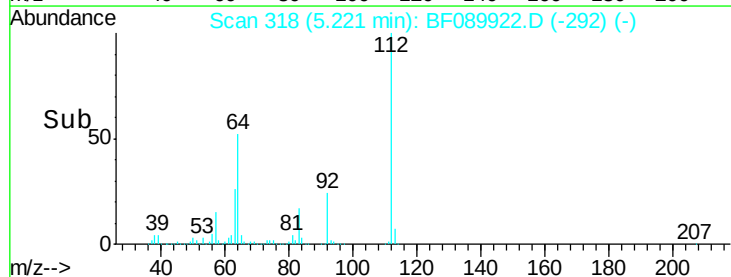
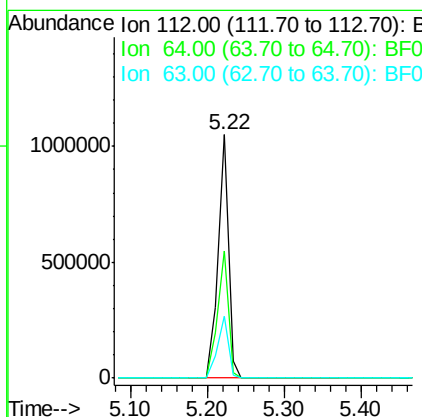
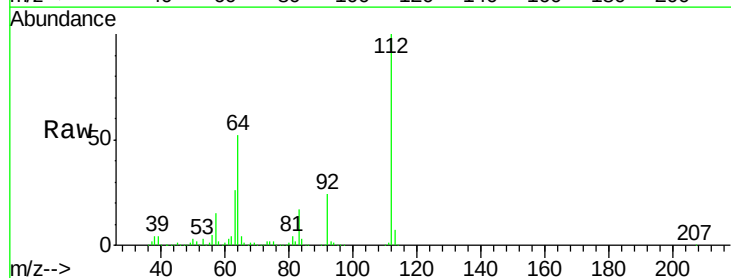
Tgt Ion:152 Resp: 361200
Ion Ratio Lower Upper
152 100
150 153.6 125.3 187.9
115 54.2 40.9 61.3

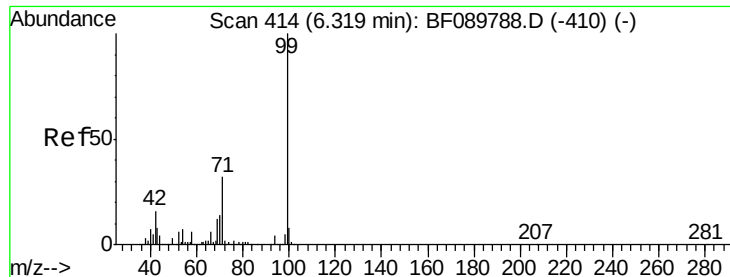


#5

2-Fluorophenol
Concen: 46.96 ng
RT: 5.22 min Scan# 318
Delta R.T. -0.00 min
Lab File: BF089922.D
Acq: 26 Aug 2016 22:00

Tgt Ion:112 Resp: 988996
Ion Ratio Lower Upper
112 100
64 52.2 45.0 67.4
63 25.6 23.1 34.7





#7

Phenol-d6

Concen: 33.50 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089922.D

Acq: 26 Aug 2016 22:00

Instrument :

BNA_F

ClientSampleId :

MW-104

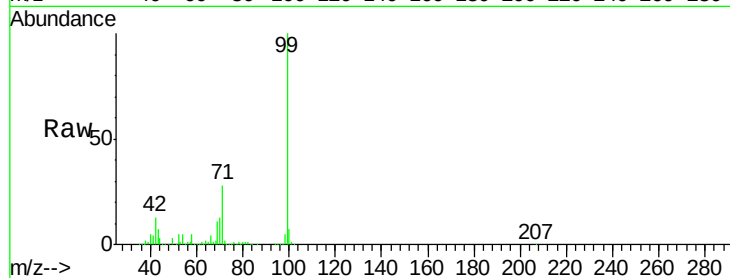
Tgt Ion: 99 Resp: 866162

Ion Ratio Lower Upper

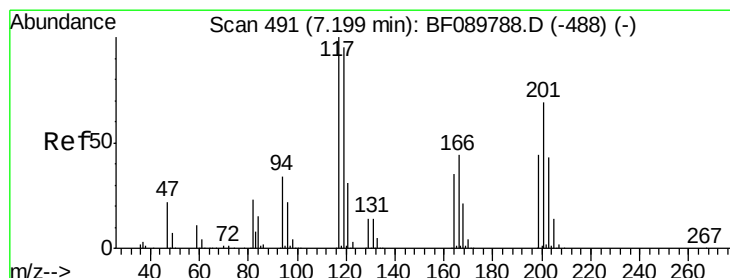
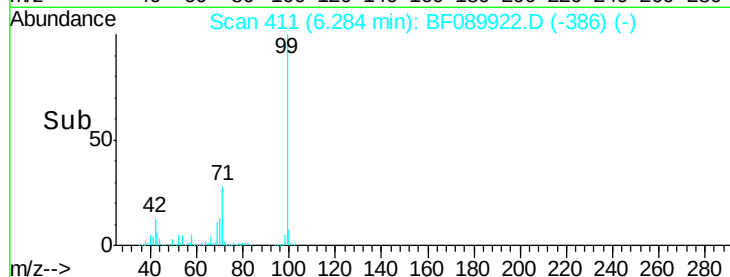
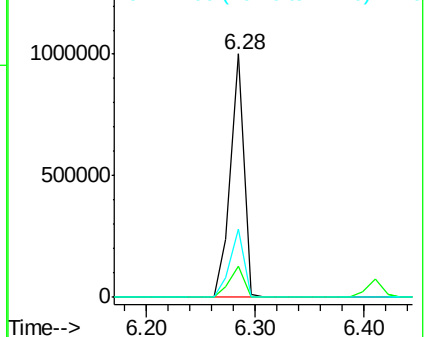
99 100

42 12.6 12.2 18.4

71 27.9 23.8 35.8



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



#18

Hexachloroethane

Concen: 23.49 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.06 min

Lab File: BF089922.D

Acq: 26 Aug 2016 22:00

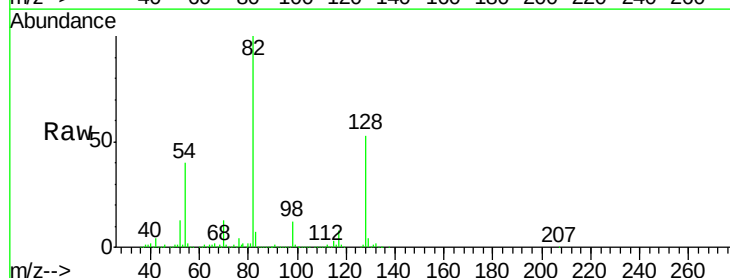
Tgt Ion: 117 Resp: 226760

Ion Ratio Lower Upper

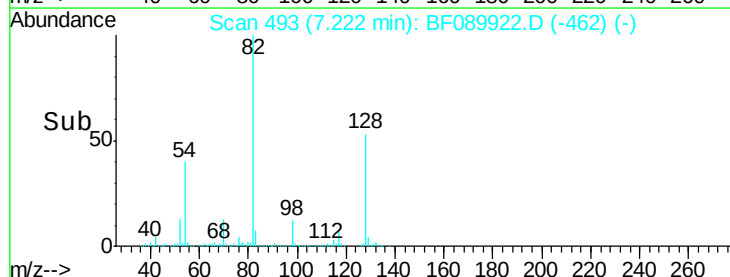
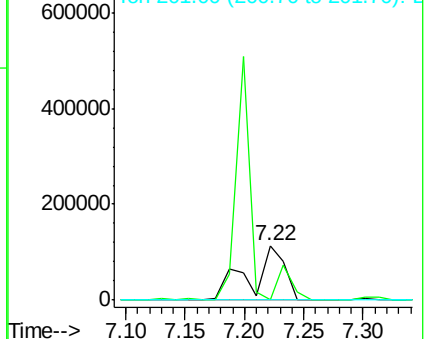
117 100

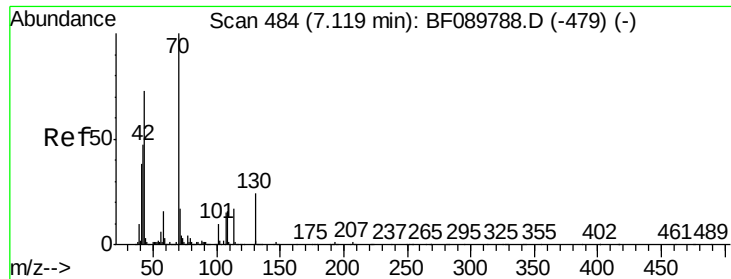
119 1.4 77.1 115.7#

201 0.0 76.9 115.3#



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

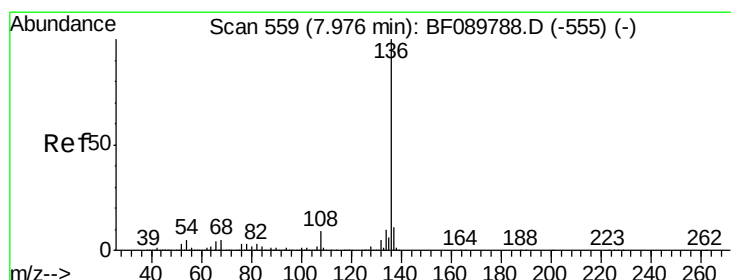
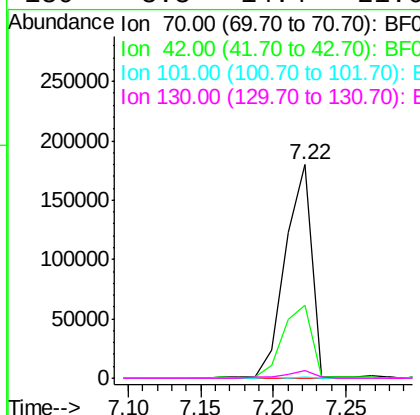
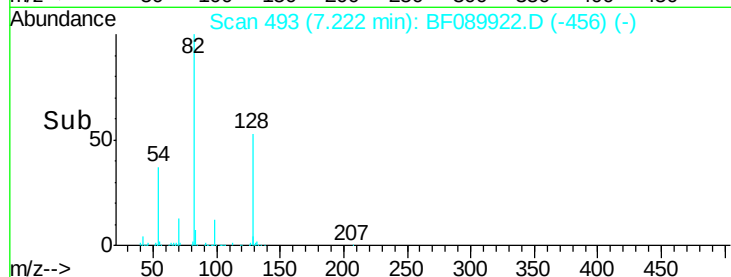
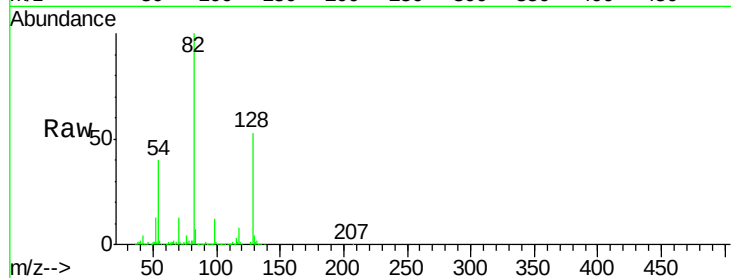




#19
n-Nitroso-di-n-propylamine
Concen: 13.74 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.13 min
Lab File: BF089922.D
Acq: 26 Aug 2016 22:00

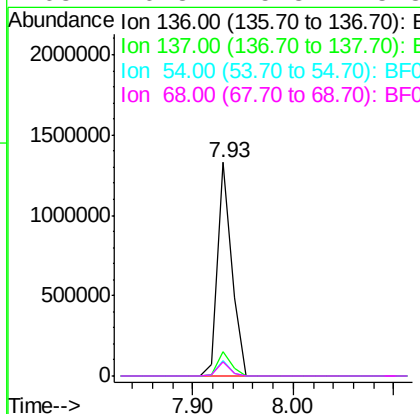
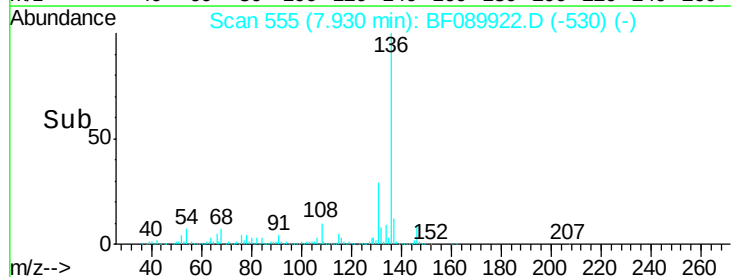
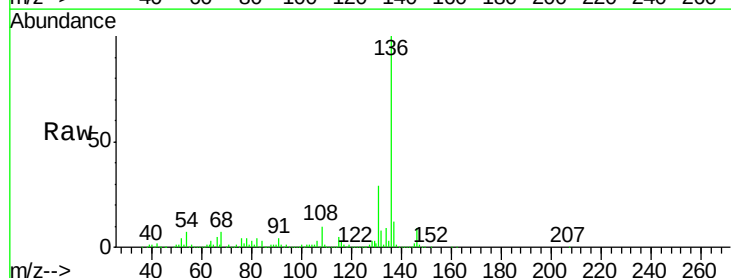
Instrument :
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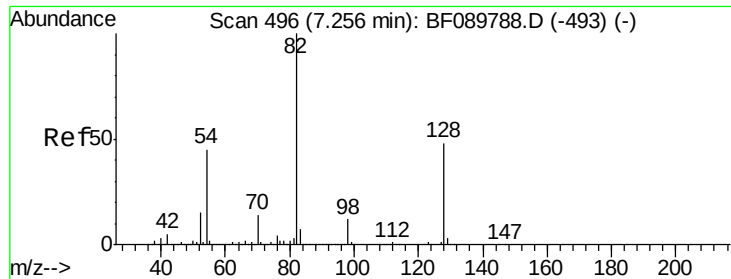
Tgt Ion: 70 Resp: 227249
Ion Ratio Lower Upper
70 100
42 34.3 46.3 69.5#
101 0.4 7.0 10.6#
130 3.3 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF089922.D
Acq: 26 Aug 2016 22:00

Tgt Ion: 136 Resp: 1302077
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 7.5 7.2 10.8
68 6.8 5.8 8.8

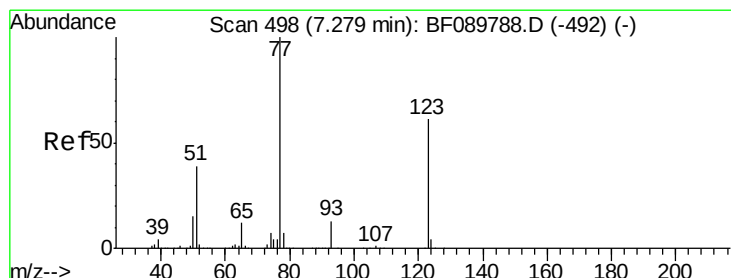
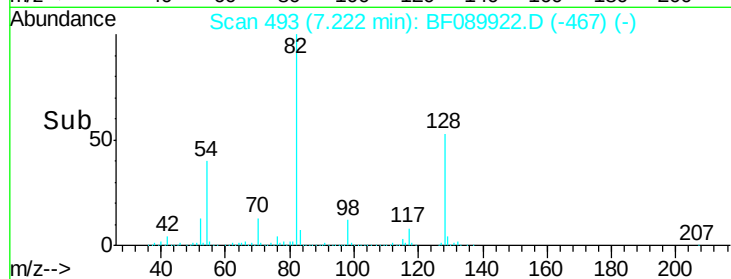
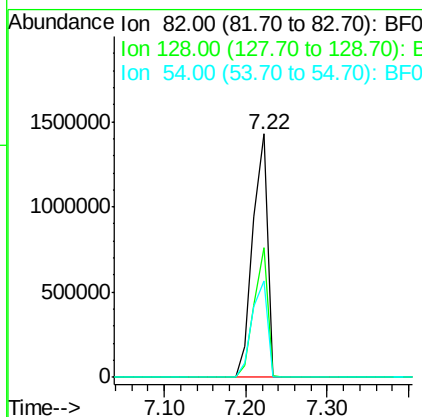
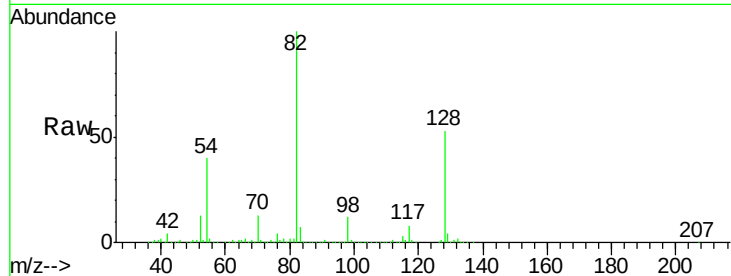




#23
Nitrobenzene-d5
Concen: 84.07 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF089922.D
Acq: 26 Aug 2016 22:00

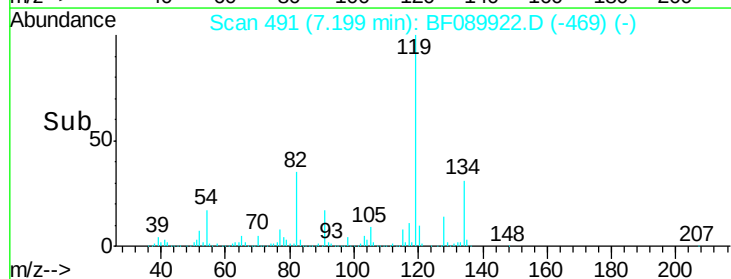
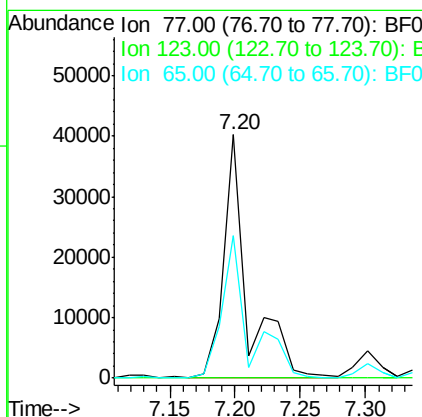
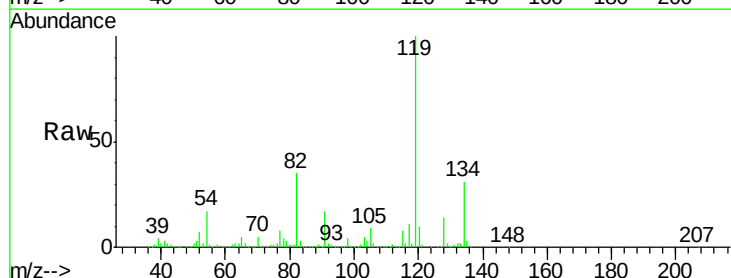
Instrument :
BNA_F
ClientSampleId :
MW-104

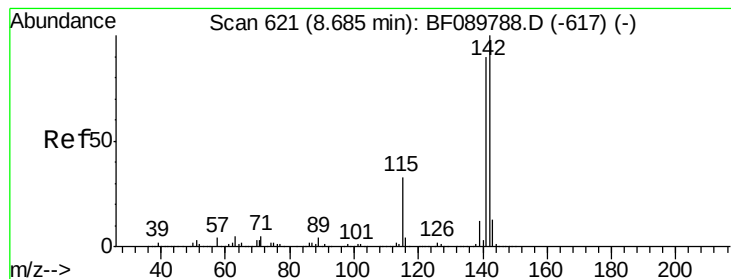
Tgt Ion: 82 Resp: 1762057
Ion Ratio Lower Upper
82 100
128 53.4 34.4 51.6#
54 39.7 40.3 60.5#



#24
Nitrobenzene
Concen: 2.23 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.05 min
Lab File: BF089922.D
Acq: 26 Aug 2016 22:00

Tgt Ion: 77 Resp: 52513
Ion Ratio Lower Upper
77 100
123 0.0 36.2 54.2#
65 58.8 10.6 15.8#

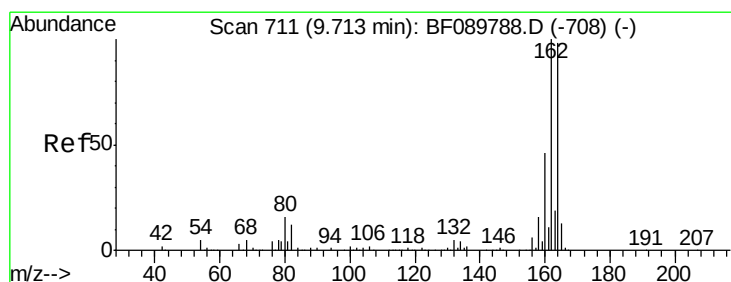
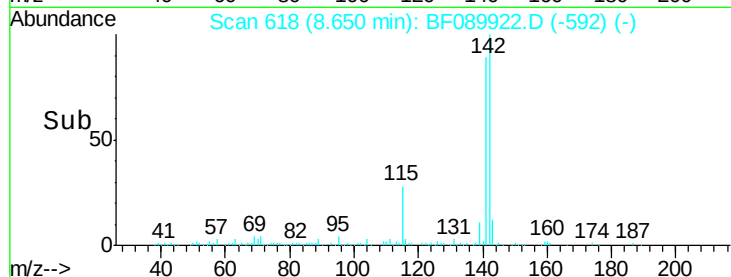
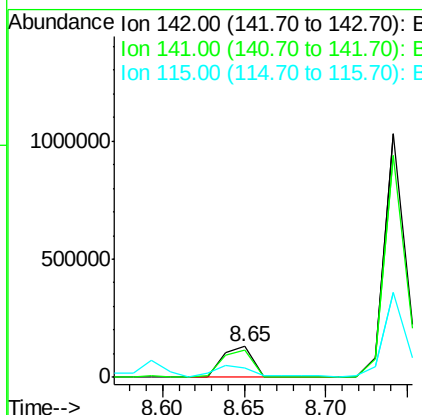
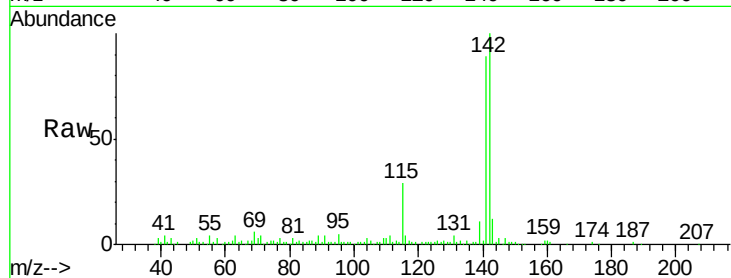




#37
 2-Methylnaphthalene
 Concen: 4.14 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF089922.D
 Acq: 26 Aug 2016 22:00

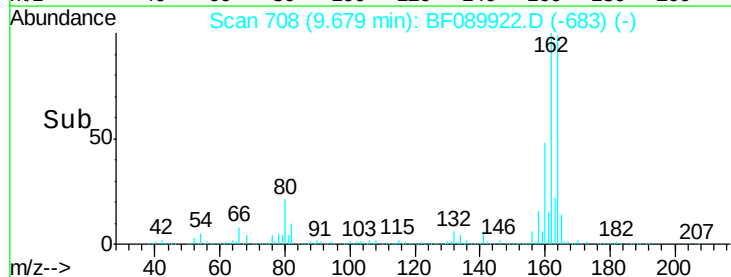
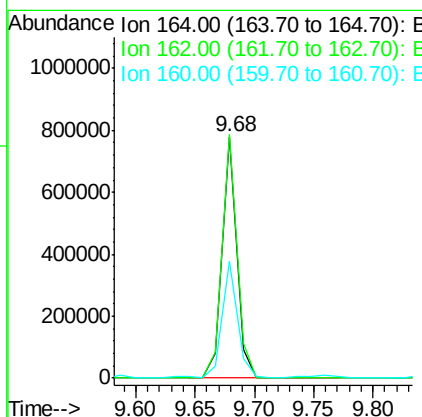
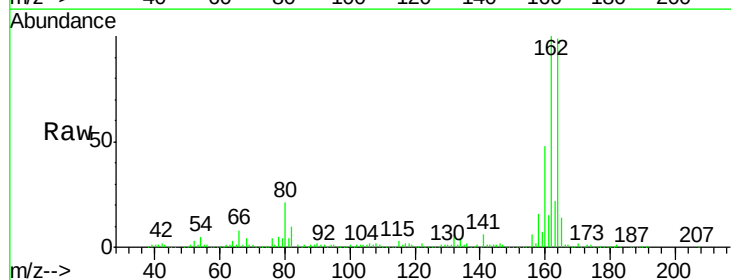
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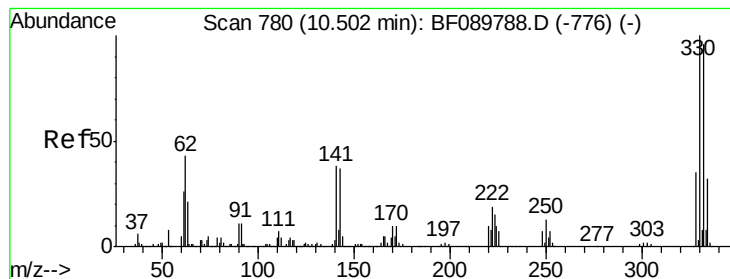
Tgt Ion:142 Resp: 163152
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.4 107.2
 115 29.5 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF089922.D
 Acq: 26 Aug 2016 22:00

Tgt Ion:164 Resp: 657387
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.4 122.2
 160 48.5 37.8 56.6

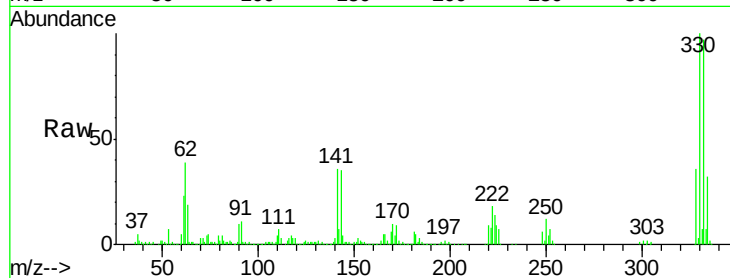




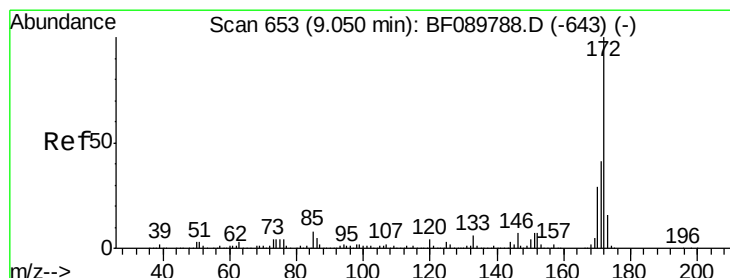
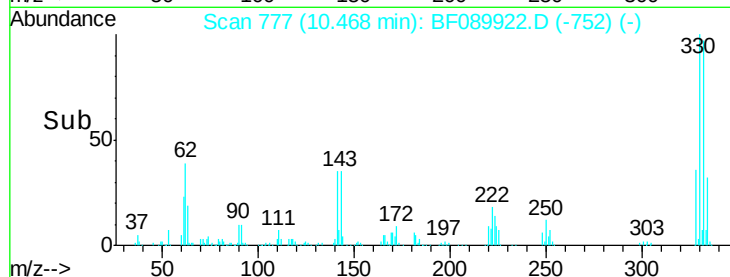
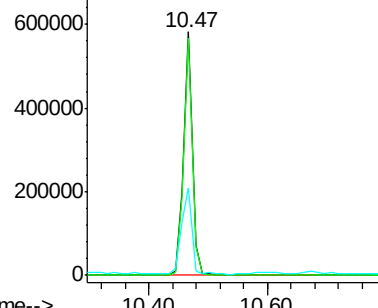
#41
 2,4,6-Tribromophenol
 Concen: 96.12 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF089922.D
 Acq: 26 Aug 2016 22:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-104

Tgt Ion:330 Resp: 600483
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.7 115.1
 141 40.8 30.2 45.2

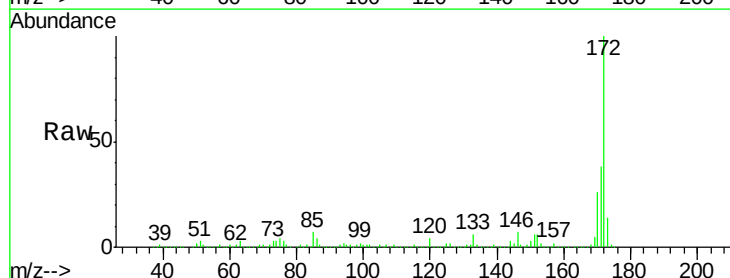


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

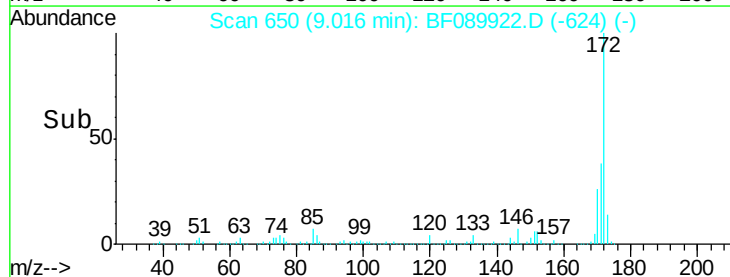
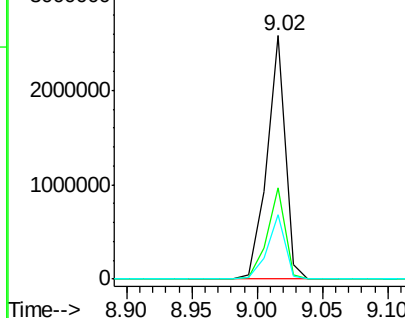


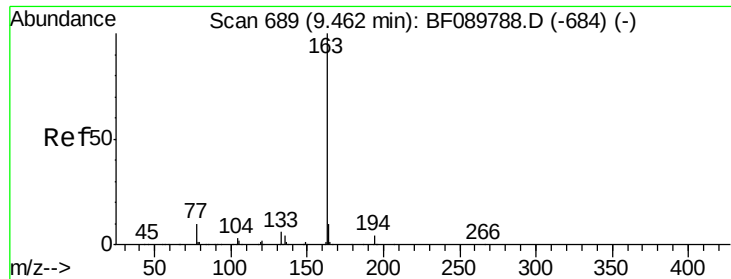
#44
 2-Fluorobiphenyl
 Concen: 68.13 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF089922.D
 Acq: 26 Aug 2016 22:00

Tgt Ion:172 Resp: 2548118
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.5 45.7
 170 26.4 20.6 31.0



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

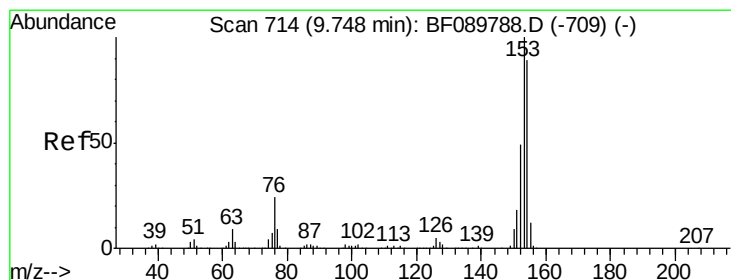
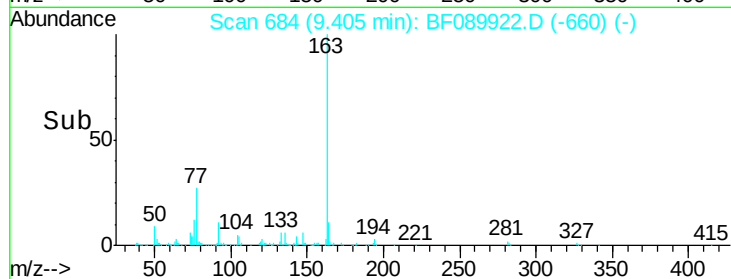
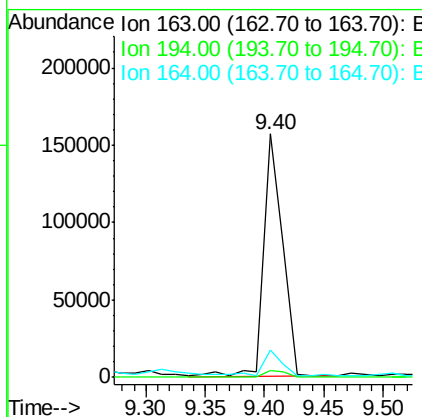
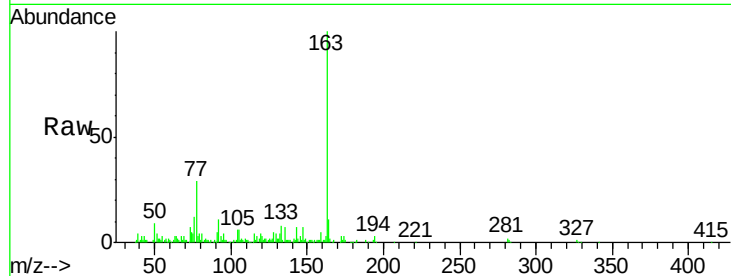




#49
Dimethylphthalate
Concen: 3.76 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF089922.D
Acq: 26 Aug 2016 22:00

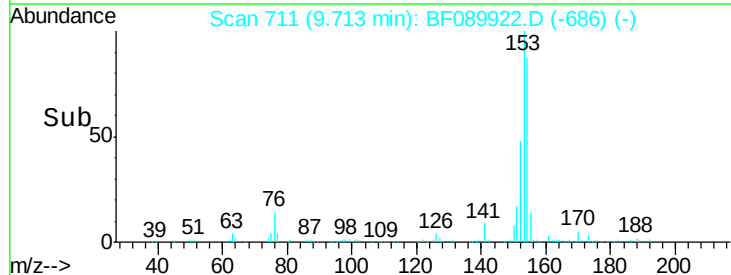
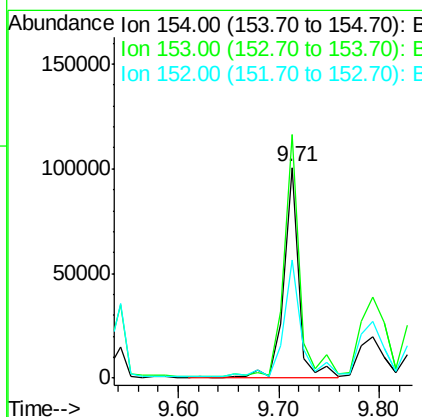
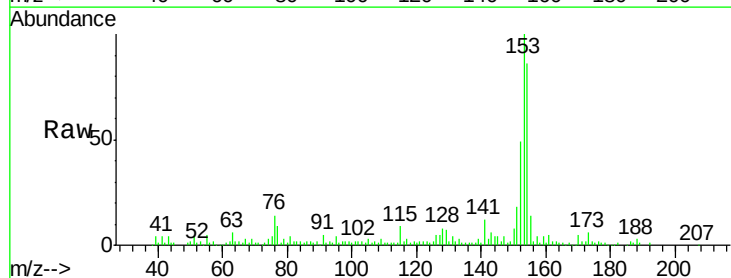
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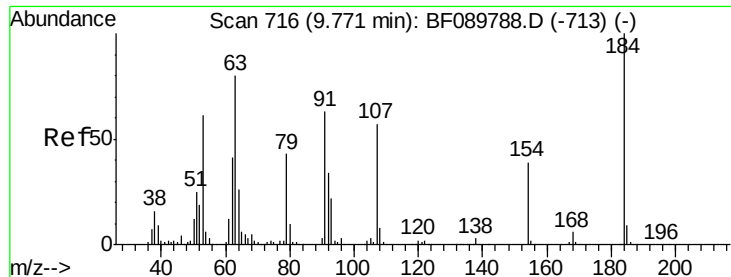
Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	3.8
164	11.0	8.6	12.8



#51
Acenaphthene
Concen: 2.51 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF089922.D
Acq: 26 Aug 2016 22:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.7	90.5	135.7
152	56.3	44.6	67.0

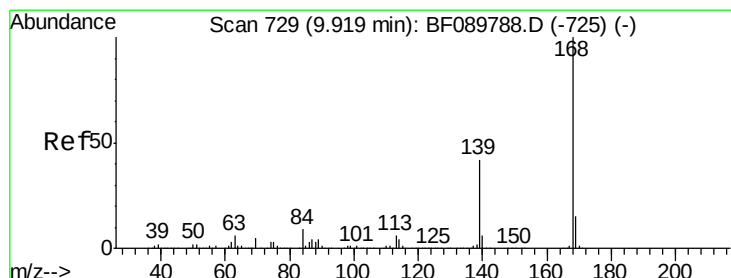
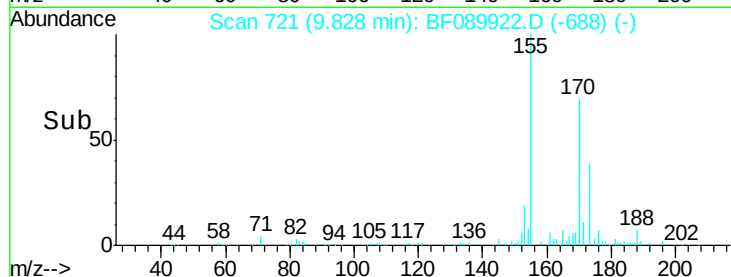
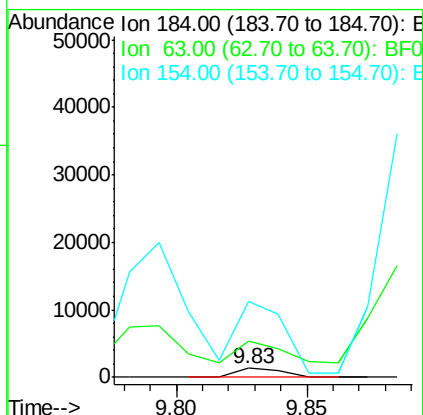
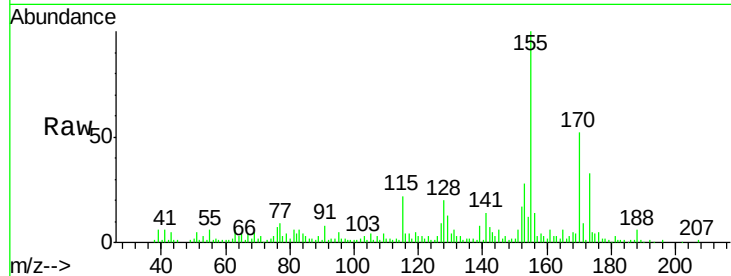




#53
 2,4-Dinitrophenol
 Concen: 2.58 ng
 RT: 9.83 min Scan# 721
 Delta R.T. 0.08 min
 Lab File: BF089922.D
 Acq: 26 Aug 2016 22:00

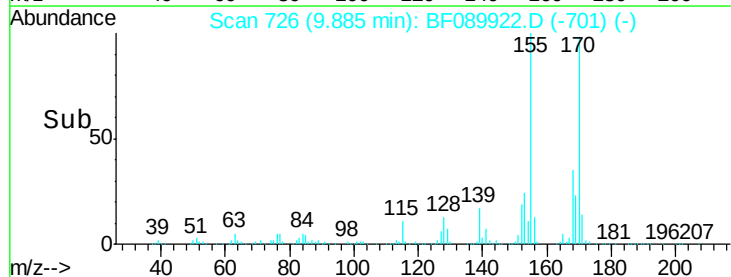
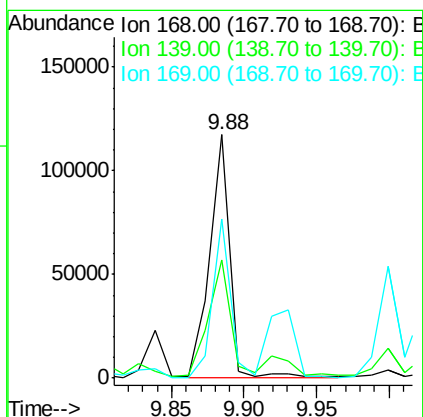
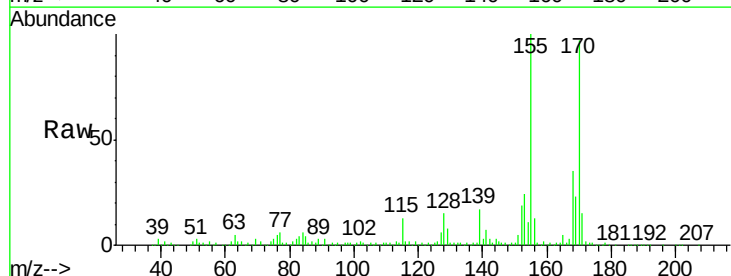
Instrument :
 BNA_F
 ClientSampleId :
 MW-104

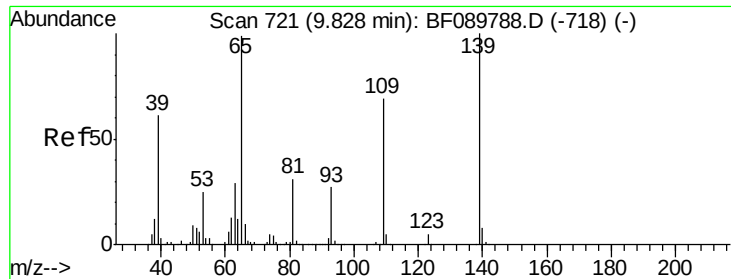
Tgt Ion:184 Resp: 1583
 Ion Ratio Lower Upper
 184 100
 63 410.9 54.2 81.4#
 154 860.2 52.7 79.1#



#54
 Dibenzofuran
 Concen: 2.22 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF089922.D
 Acq: 26 Aug 2016 22:00

Tgt Ion:168 Resp: 111555
 Ion Ratio Lower Upper
 168 100
 139 48.5 34.6 52.0
 169 65.1 11.5 17.3#

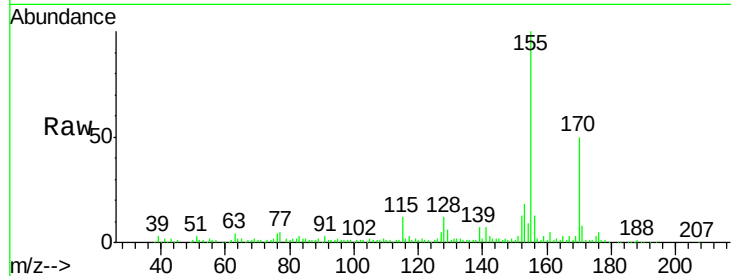




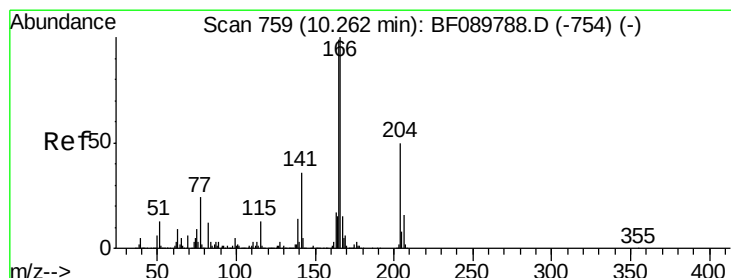
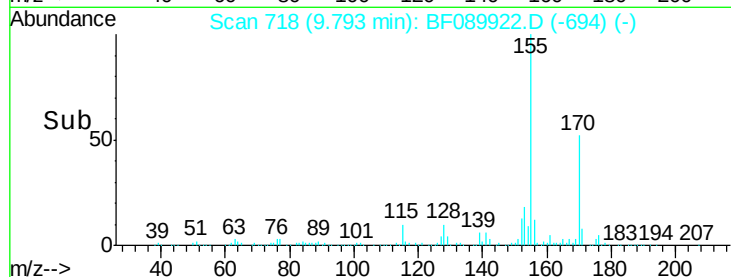
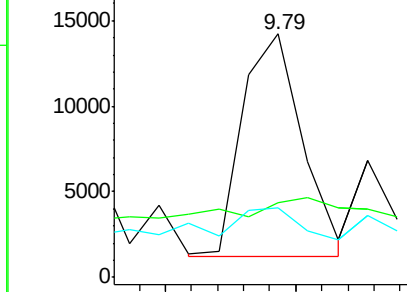
#55
4-Nitrophenol
Concen: 2.16 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF089922.D
Acq: 26 Aug 2016 22:00

Instrument :
BNA_F
ClientSampleId :
MW-104

Tgt Ion:139 Resp: 20854
Ion Ratio Lower Upper
139 100
109 30.7 43.0 83.0#
65 28.7 55.7 95.7#

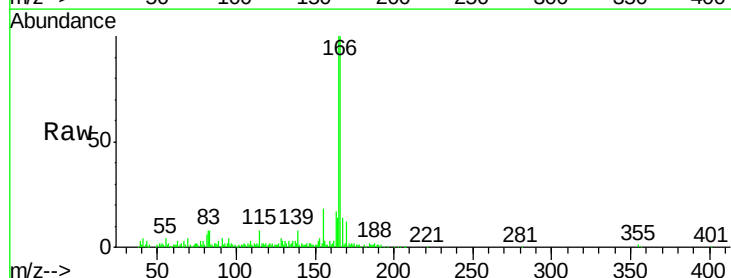


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

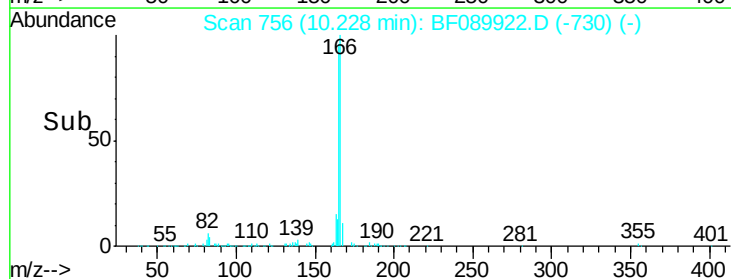
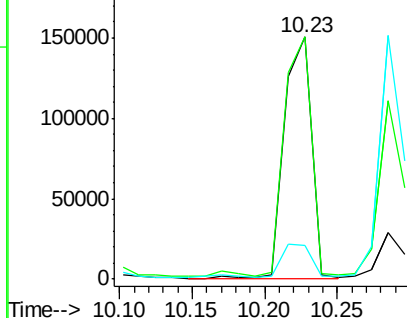


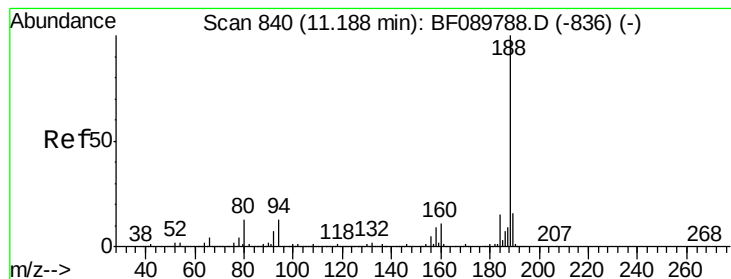
#57
Fluorene
Concen: 4.85 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF089922.D
Acq: 26 Aug 2016 22:00

Tgt Ion:166 Resp: 194332
Ion Ratio Lower Upper
166 100
165 100.3 80.2 120.4
167 13.7 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF089922.D

Acq: 26 Aug 2016 22:00

Instrument :

BNA_F

ClientSampleId :

MW-104

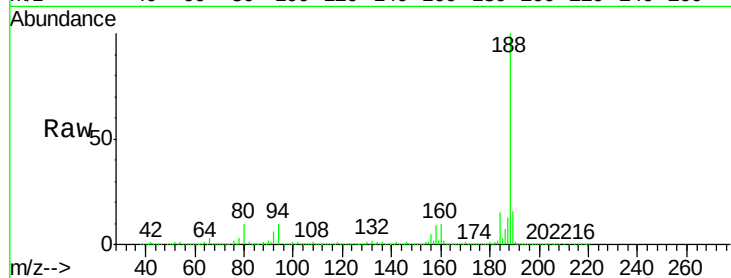
Tgt Ion:188 Resp: 1234759

Ion Ratio Lower Upper

188 100

94 9.8 10.2 15.2#

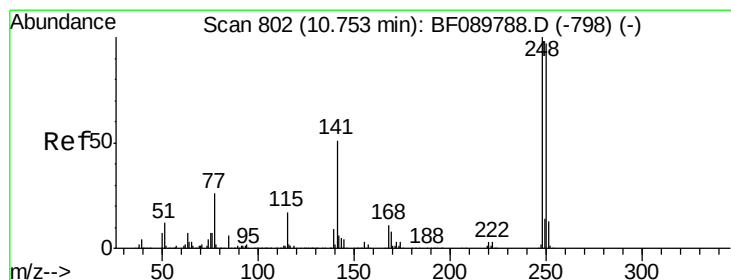
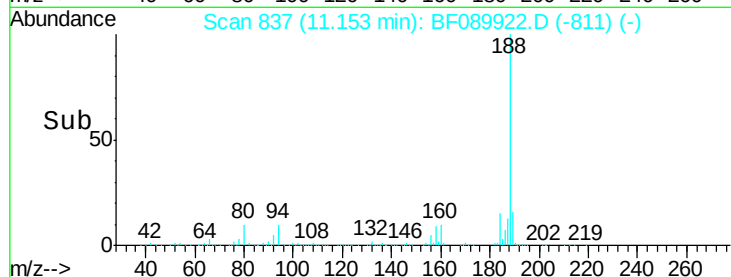
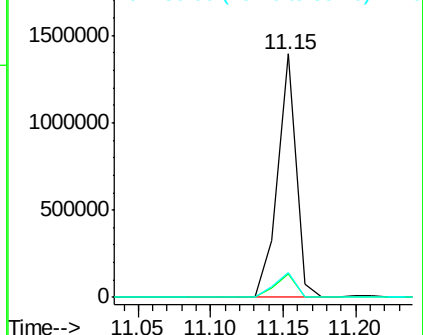
80 10.0 10.9 16.3#



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: 2.78 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.25 min

Lab File: BF089922.D

Acq: 26 Aug 2016 22:00

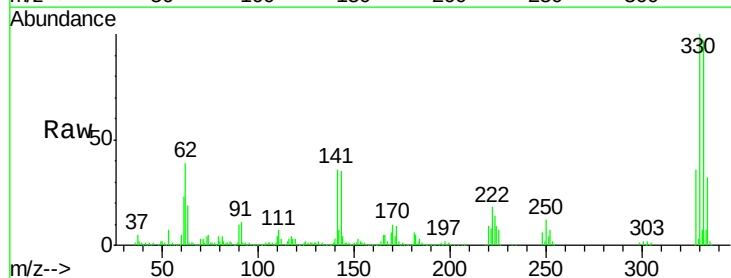
Tgt Ion:248 Resp: 35995

Ion Ratio Lower Upper

248 100

250 203.7 78.6 117.8#

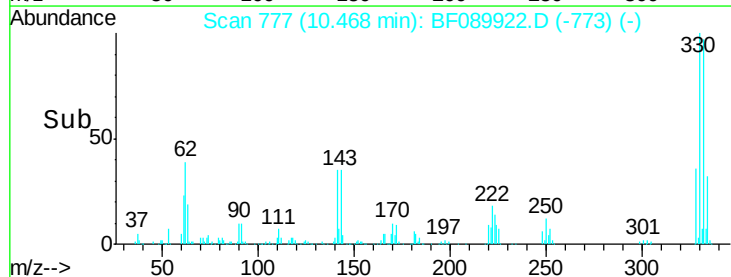
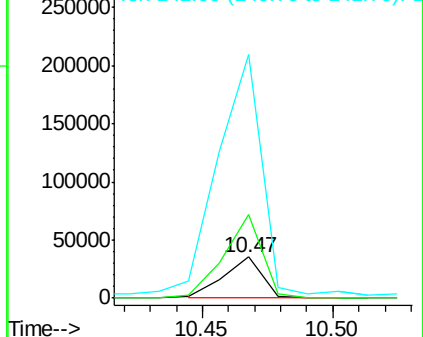
141 591.6 31.4 47.2#

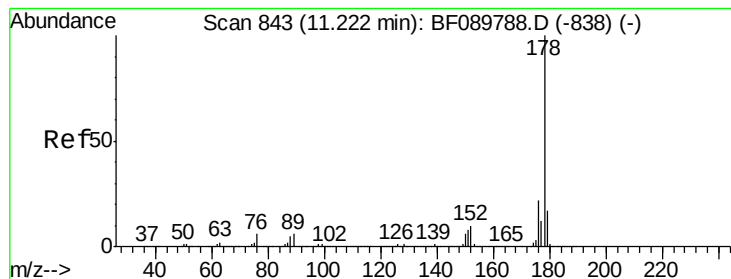


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 3.83 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089922.D

Acq: 26 Aug 2016 22:00

Instrument :

BNA_F

ClientSampleId :

MW-104

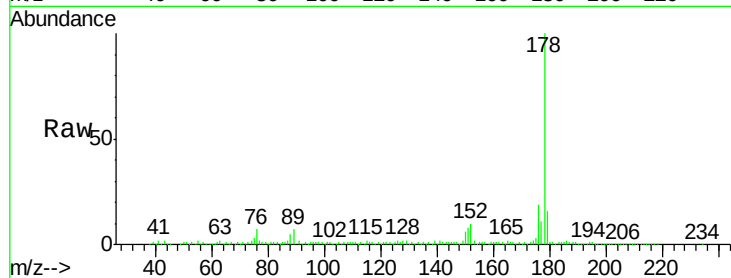
Tgt Ion:178 Resp: 238732

Ion Ratio Lower Upper

178 100

176 19.2 16.4 24.6

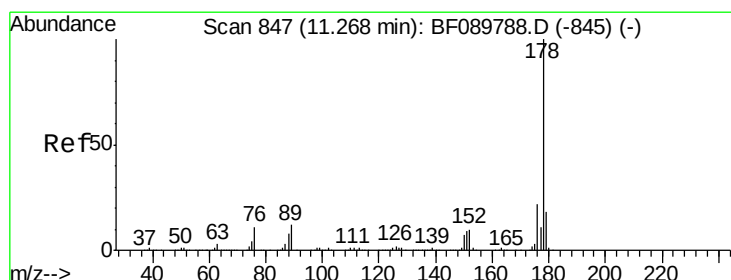
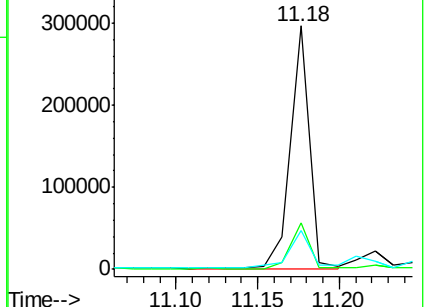
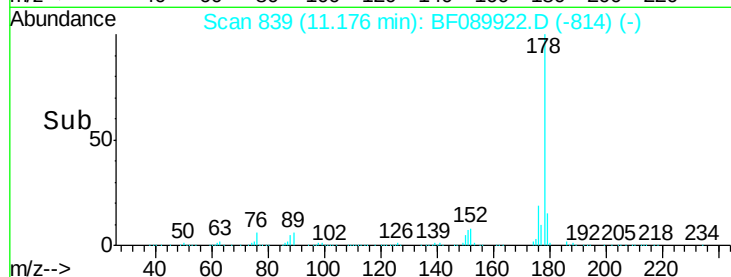
179 15.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 3.77 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.06 min

Lab File: BF089922.D

Acq: 26 Aug 2016 22:00

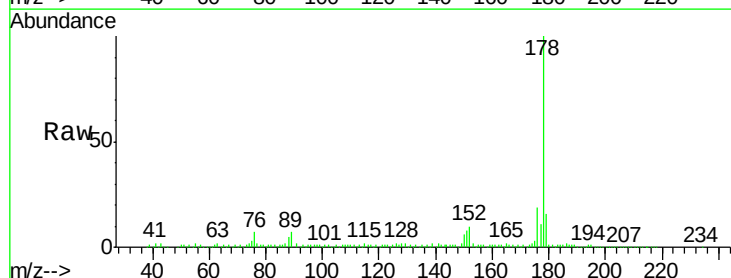
Tgt Ion:178 Resp: 238732

Ion Ratio Lower Upper

178 100

176 19.2 16.4 24.6

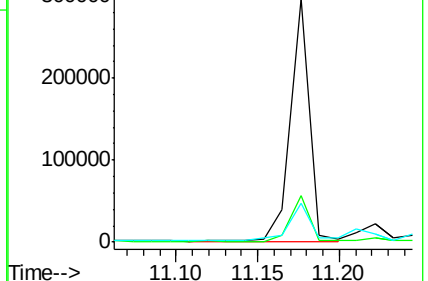
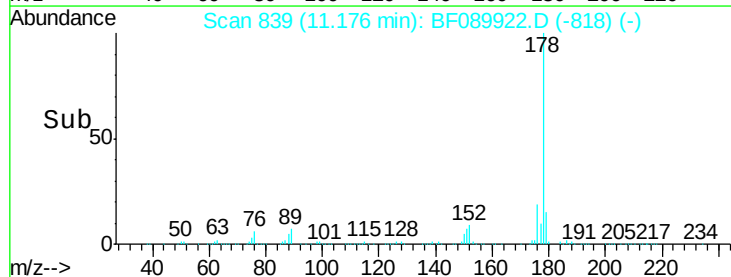
179 15.7 13.1 19.7

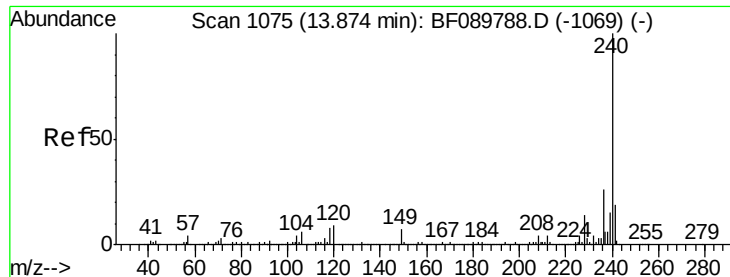


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF089922.D

Acq: 26 Aug 2016 22:00

Instrument :

BNA_F

ClientSampleId :

MW-104

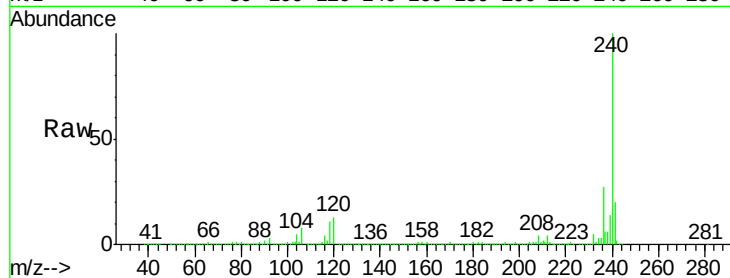
Tgt Ion:240 Resp: 1004369

Ion Ratio Lower Upper

240 100

120 12.9 8.3 12.5#

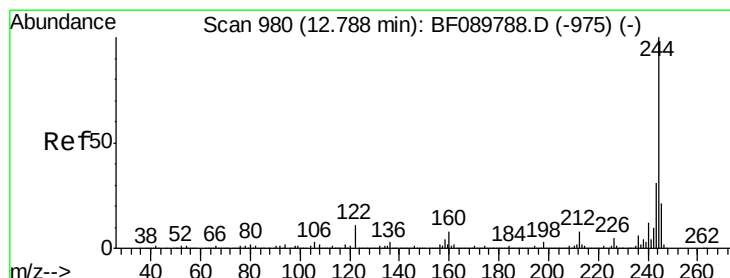
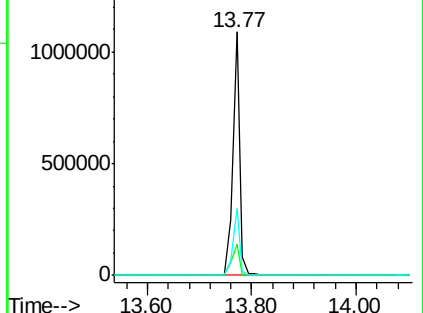
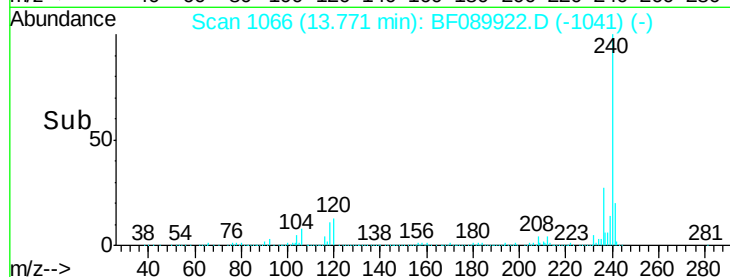
236 27.3 21.3 31.9



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: 49.44 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF089922.D

Acq: 26 Aug 2016 22:00

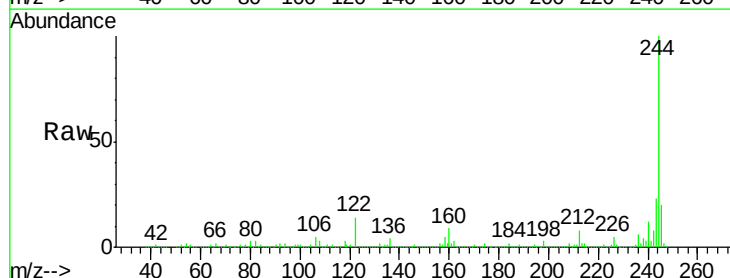
Tgt Ion:244 Resp: 2195099

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

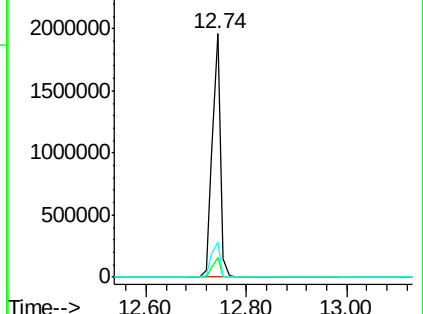
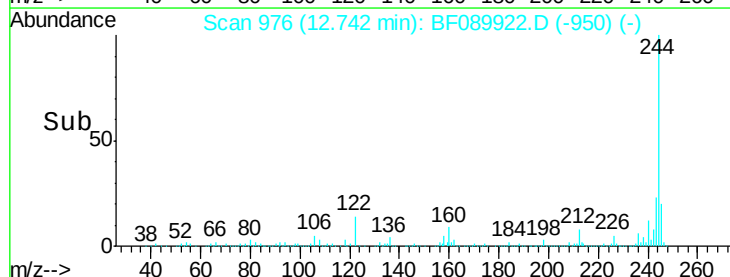
122 14.4 12.0 18.0

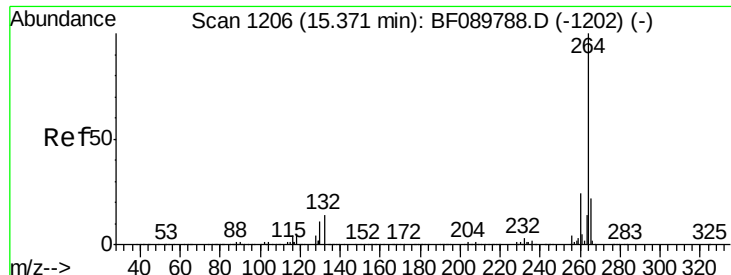


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.12 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF089922.D
Acq: 26 Aug 2016 22:00

Instrument :
BNA_F
ClientSampleId :
MW-104

Tgt Ion:	264	Resp:	845375
Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	22.0	17.4	26.2

