

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
 Data File : BF086132.D
 Acq On : 7 Apr 2016 15:17
 Operator : UM/SJ
 Sample : H2230-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-040116

Quant Time: Apr 08 01:39:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

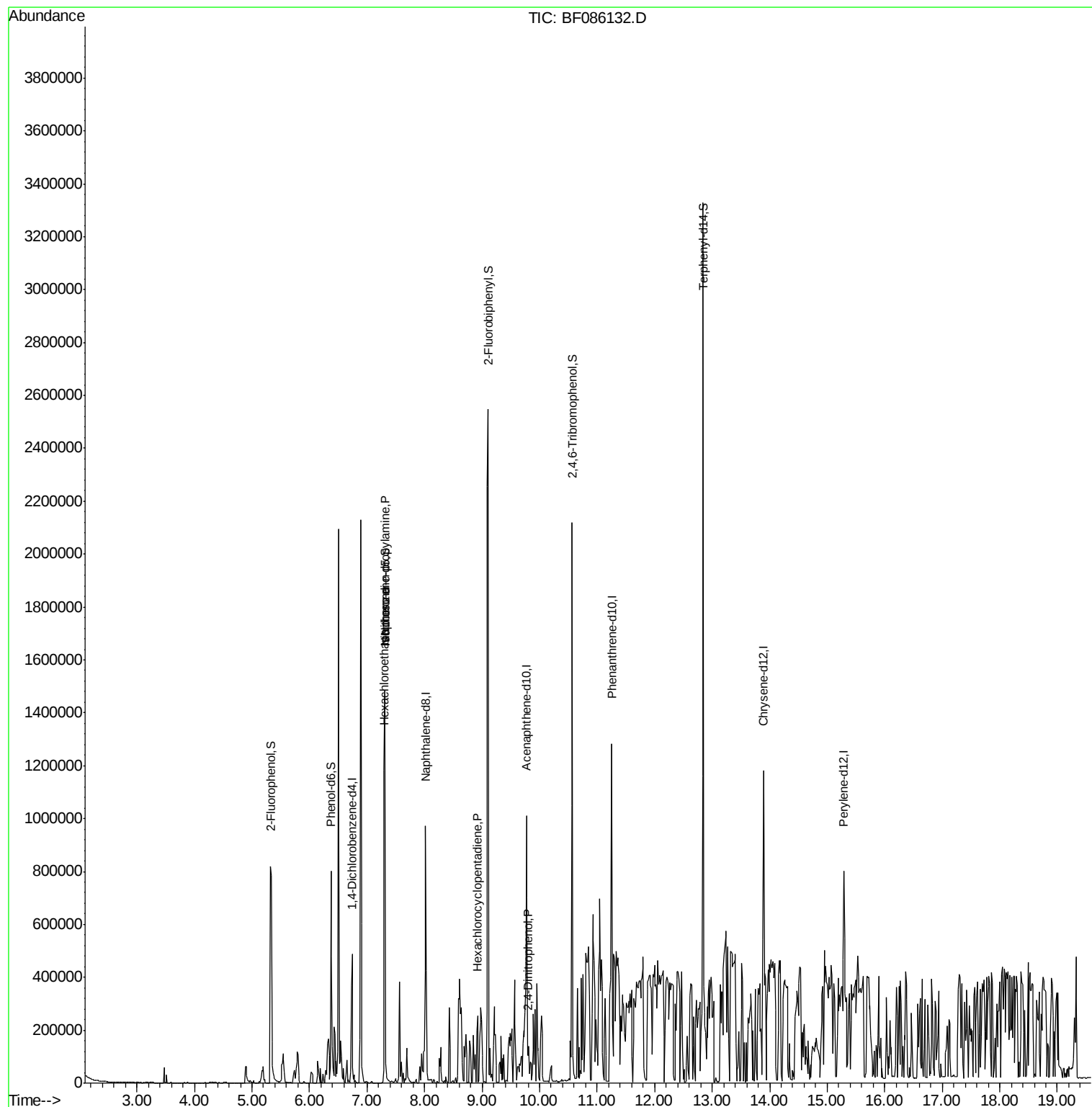
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	105318	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	427942	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	196061	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	384359	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	318678	20.00	ng	-0.03
86) Perylene-d12	15.29	264	218845	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	418105	67.86	ng	-0.03
7) Phenol-d6	6.37	99	343212	43.85	ng	-0.05
23) Nitrobenzene-d5	7.31	82	703220	96.91	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	308500	167.64	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1209207	102.55	ng	-0.03
78) Terphenyl-d14	12.84	244	1075919	79.36	ng	-0.03
Target Compounds						
18) Hexachloroethane	7.30	117	8032	2.72	ng	# 1
19) n-Nitroso-di-n-propylamine	7.31	70	92721	19.11	ng	# 74
25) Isophorone	7.31	82	685513	47.86	ng	# 68
40) Hexachlorocyclopentadiene	8.92	237	1513	6.35	ng	82
53) 2,4-Dinitrophenol	9.80	184	1139	2.98	ng	# 26

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086132.D

Acq: 7 Apr 2016 15:17

Instrument :

BNA_F

ClientSampleId :

MW-4-040116

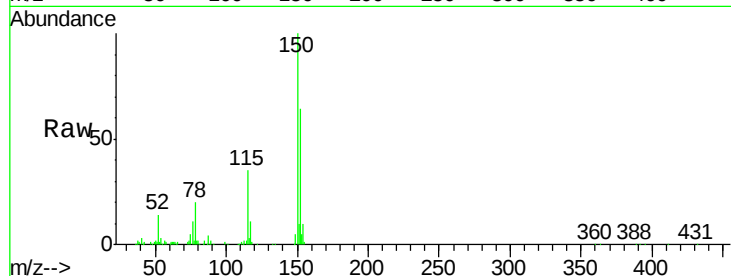
Tgt Ion:152 Resp: 105318

Ion Ratio Lower Upper

152 100

150 156.1 124.2 186.2

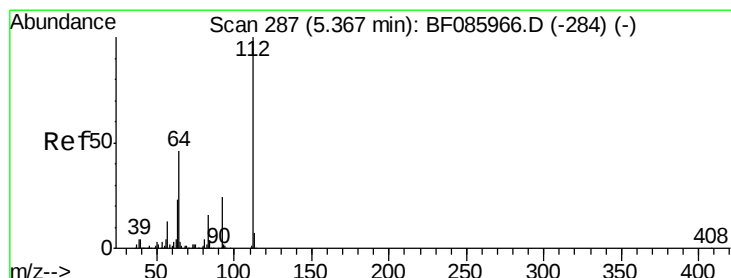
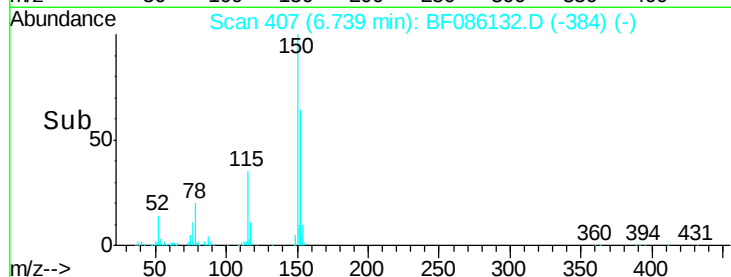
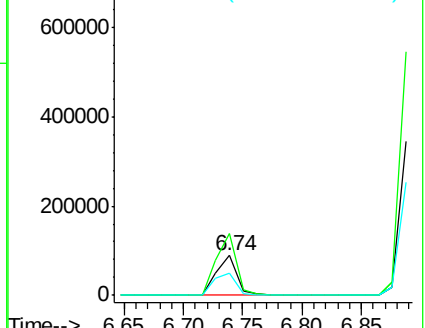
115 55.0 47.0 70.6



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: 67.86 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086132.D

Acq: 7 Apr 2016 15:17

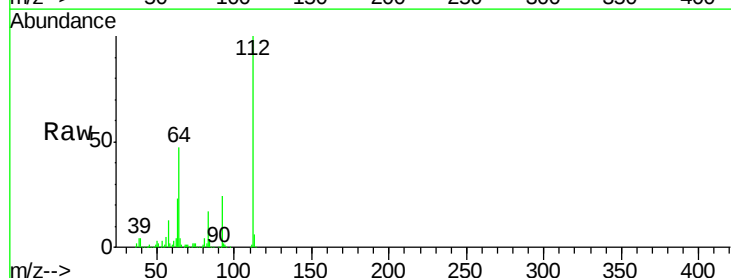
Tgt Ion:112 Resp: 418105

Ion Ratio Lower Upper

112 100

64 46.9 39.9 59.9

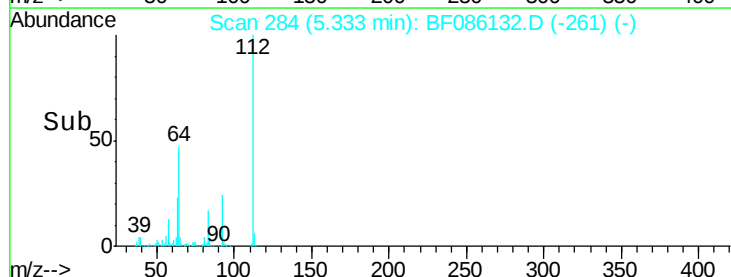
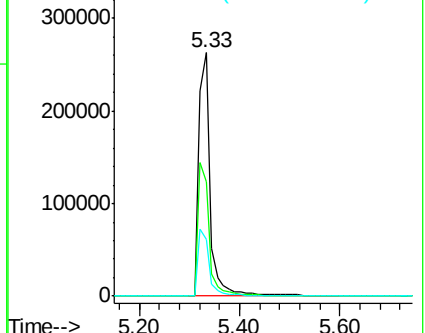
63 23.3 20.2 30.2

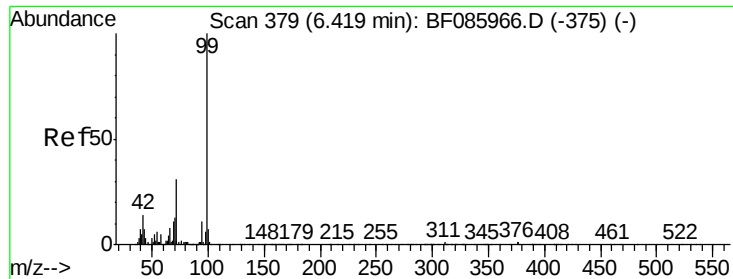


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.85 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086132.D

Acq: 7 Apr 2016 15:17

Instrument :

BNA_F

ClientSampleId :

MW-4-040116

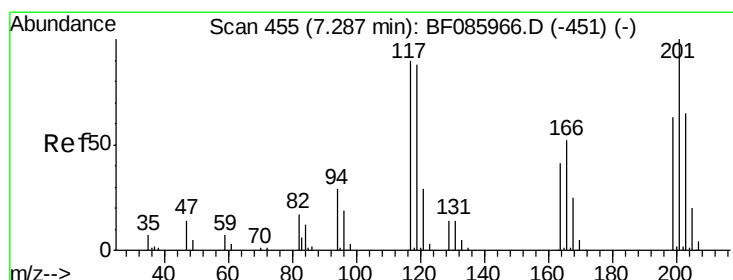
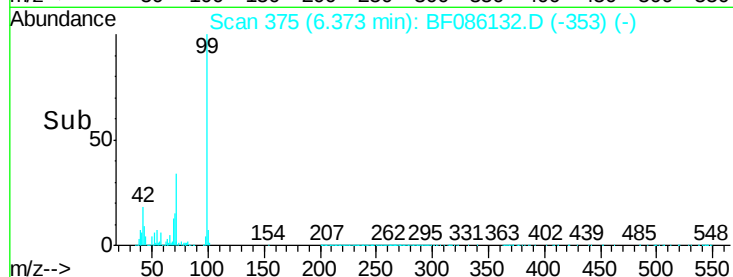
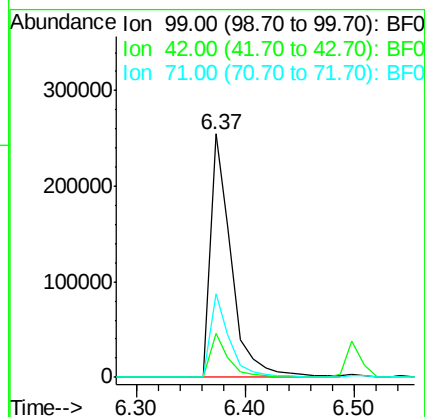
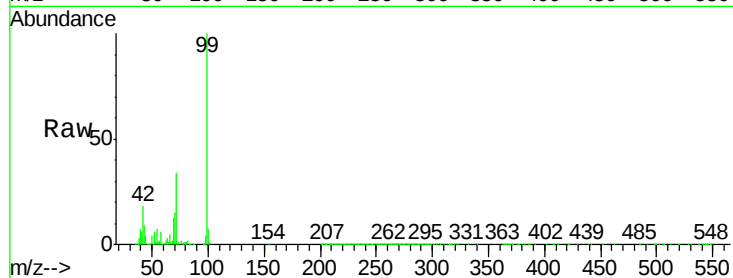
Tgt Ion: 99 Resp: 343212

Ion Ratio Lower Upper

99 100

42 18.2 11.1 16.7#

71 34.4 24.9 37.3



#18

Hexachloroethane

Concen: 2.72 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF086132.D

Acq: 7 Apr 2016 15:17

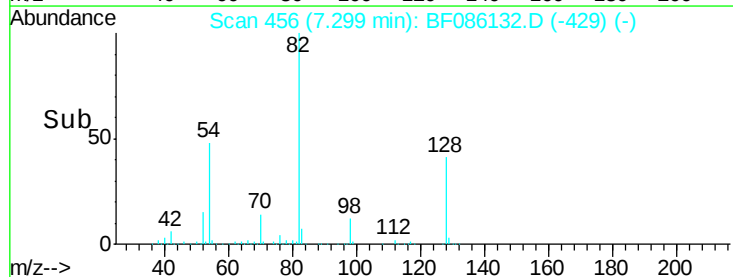
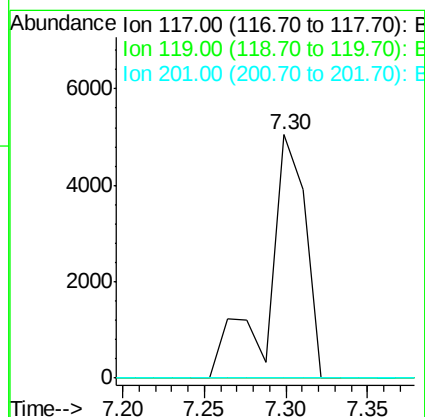
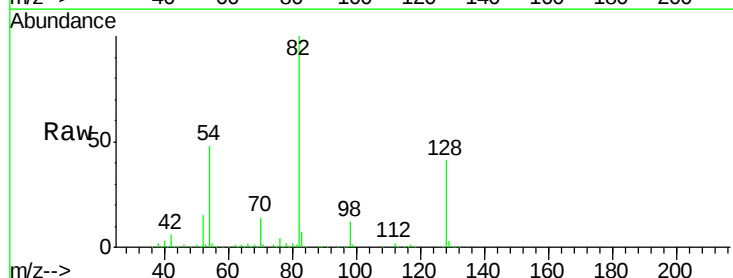
Tgt Ion: 117 Resp: 8032

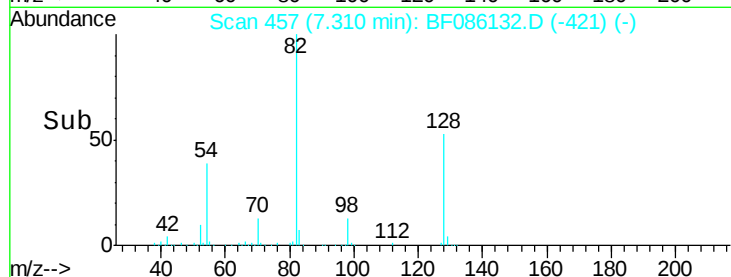
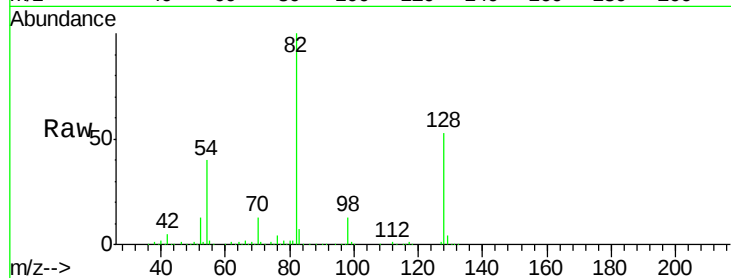
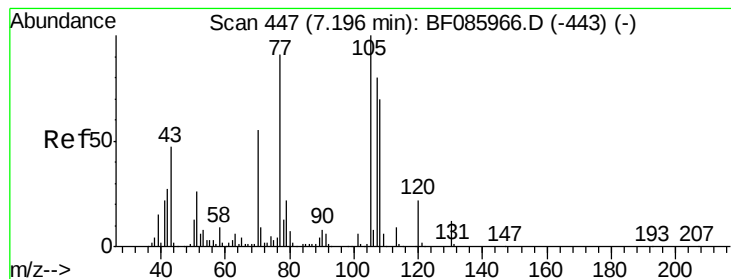
Ion Ratio Lower Upper

117 100

119 0.0 76.7 115.1#

201 0.0 83.3 124.9#





#19

n-Nitroso-di-n-propylamine

Concen: 19.11 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.11 min

Lab File: BF086132.D

Acq: 7 Apr 2016 15:17

Instrument :

BNA_F

ClientSampleId :

MW-4-040116

Tgt Ion: 70 Resp: 92721

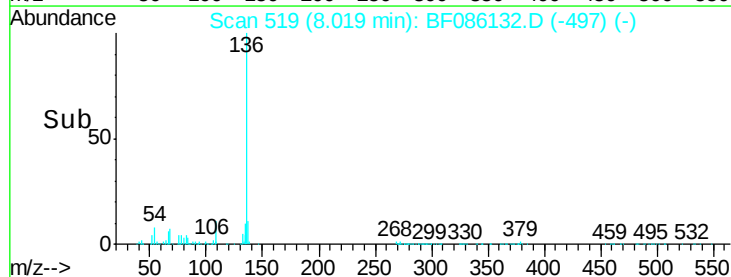
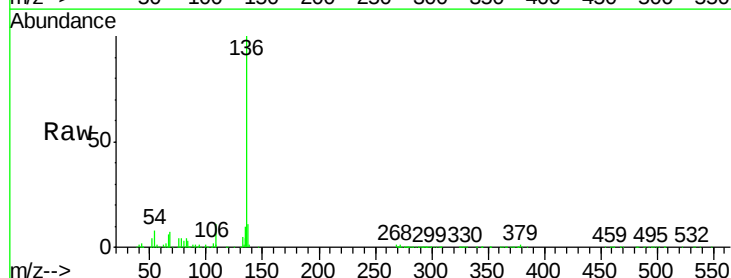
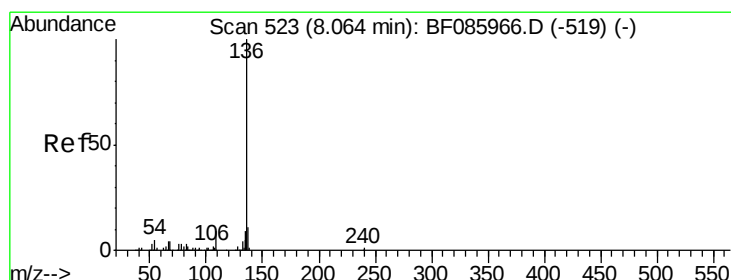
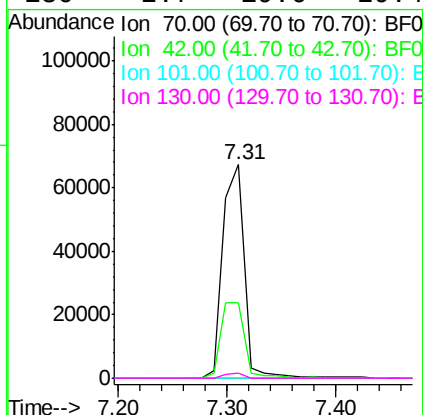
Ion Ratio Lower Upper

70 100

42 35.4 37.1 55.7#

101 0.0 8.6 12.8#

130 2.7 19.6 29.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086132.D

Acq: 7 Apr 2016 15:17

Tgt Ion: 136 Resp: 427942

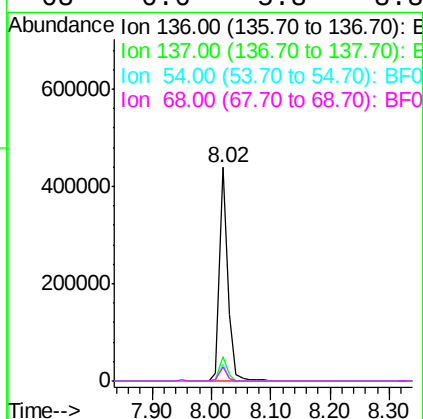
Ion Ratio Lower Upper

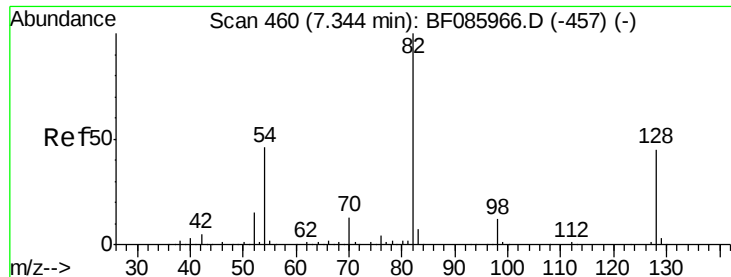
136 100

137 11.4 9.1 13.7

54 7.7 7.4 11.0

68 6.6 5.8 8.8

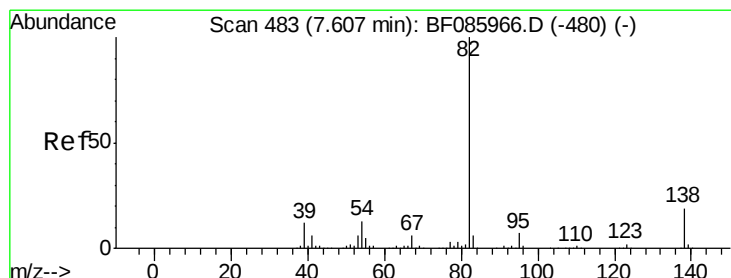
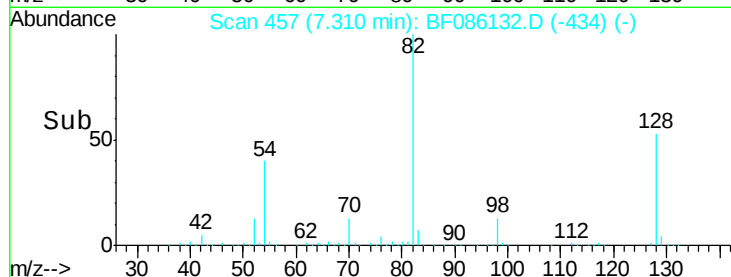
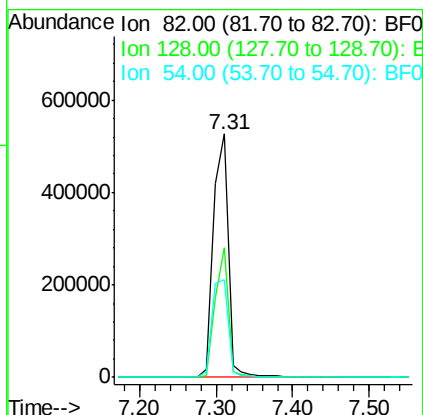
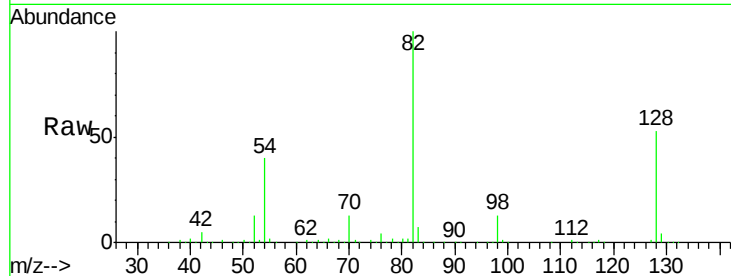




#23
 Nitrobenzene-d5
 Concen: 96.91 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086132.D
 Acq: 7 Apr 2016 15:17

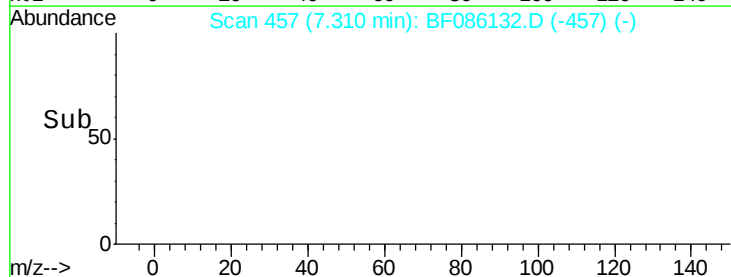
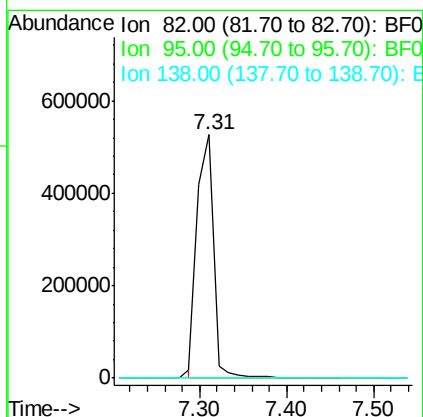
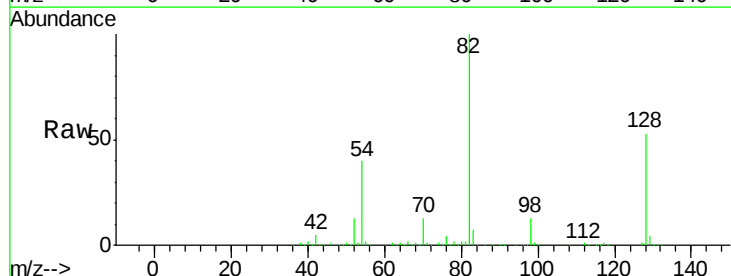
Instrument :
 BNA_F
 ClientSampleId :
 MW-4-040116

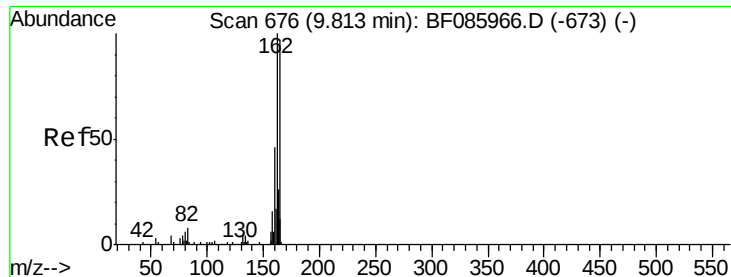
Tgt Ion: 82 Resp: 703220
 Ion Ratio Lower Upper
 82 100
 128 53.4 41.8 62.8
 54 40.2 33.4 50.0



#25
 Isophorone
 Concen: 47.86 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.30 min
 Lab File: BF086132.D
 Acq: 7 Apr 2016 15:17

Tgt Ion: 82 Resp: 685513
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 12.9 19.3#

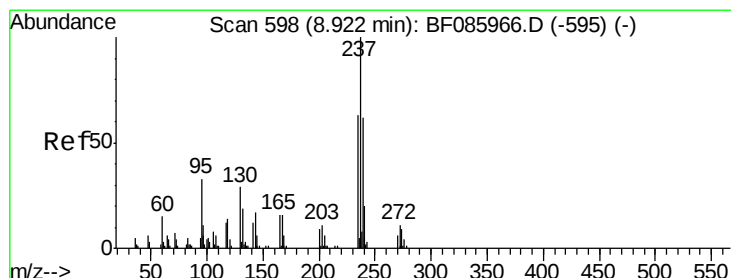
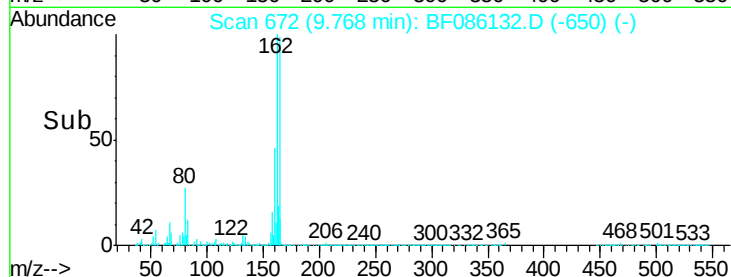
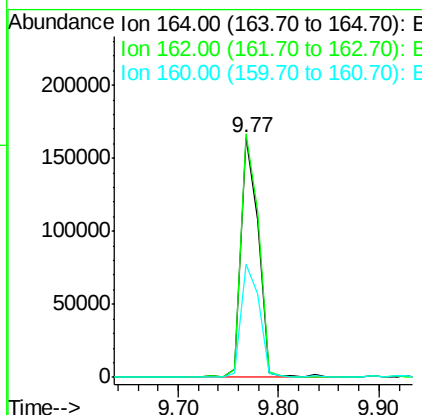
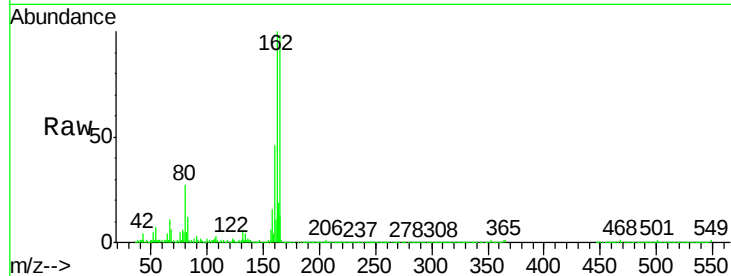




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086132.D
Acq: 7 Apr 2016 15:17

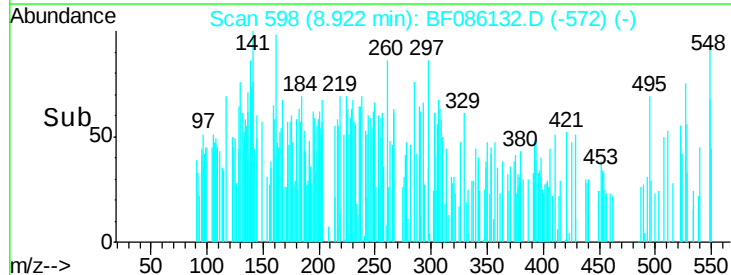
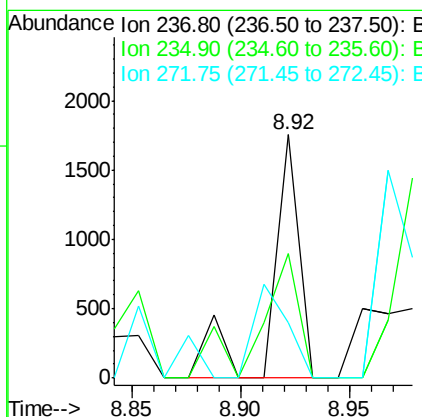
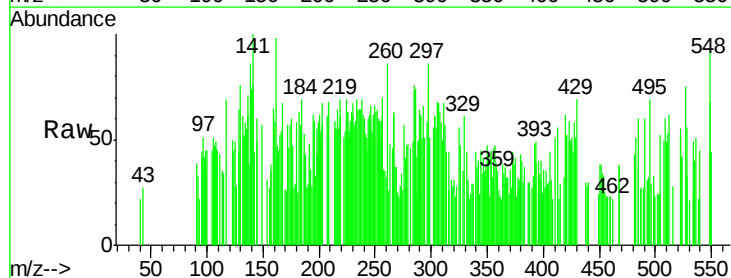
Instrument :
BNA_F
ClientSampleId :
MW-4-040116

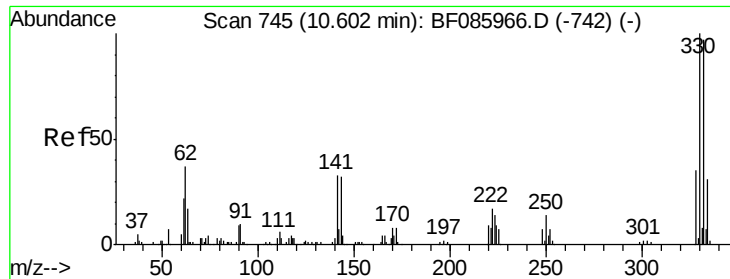
Tgt Ion:164 Resp: 196061
Ion Ratio Lower Upper
164 100
162 101.6 82.1 123.1
160 47.0 37.4 56.2



#40
Hexachlorocyclopentadiene
Concen: 6.35 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF086132.D
Acq: 7 Apr 2016 15:17

Tgt Ion:237 Resp: 1513
Ion Ratio Lower Upper
237 100
235 51.2 43.7 83.7
272 22.8 0.0 31.9

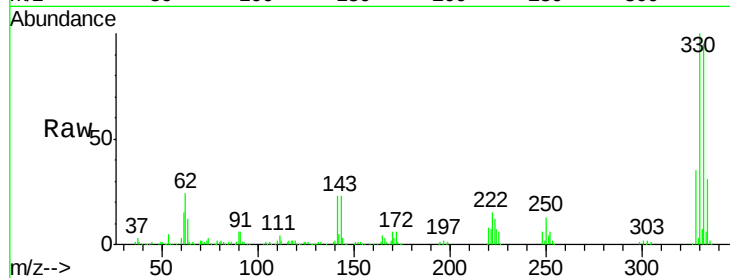




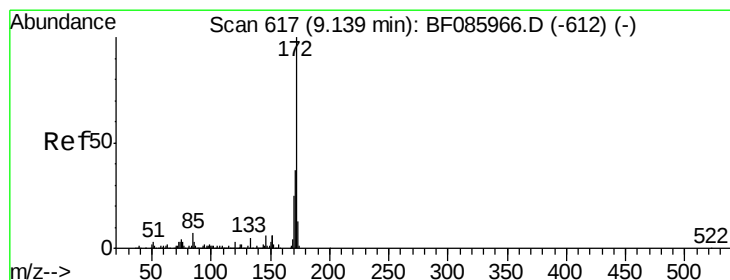
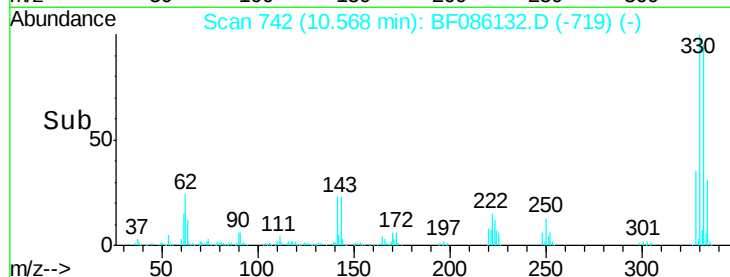
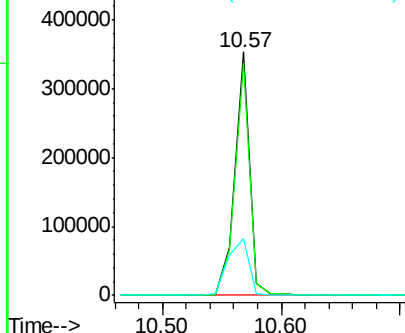
#41
 2,4,6-Tribromophenol
 Concen: 167.64 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086132.D
 Acq: 7 Apr 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-040116

Tgt Ion:330 Resp: 308500
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.2 117.2
 141 33.8 31.5 47.3

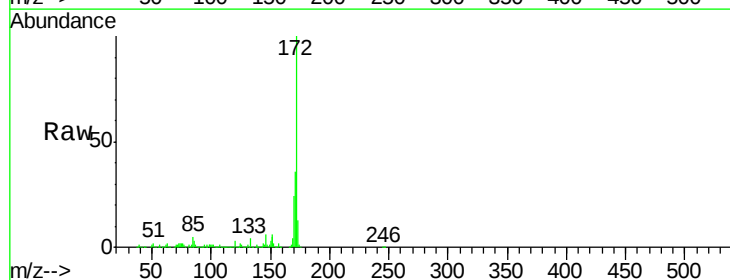


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

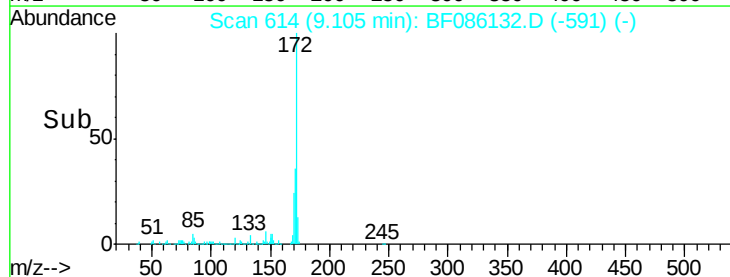
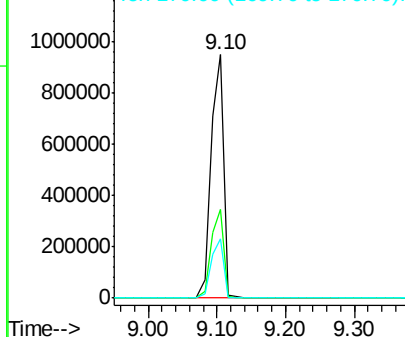


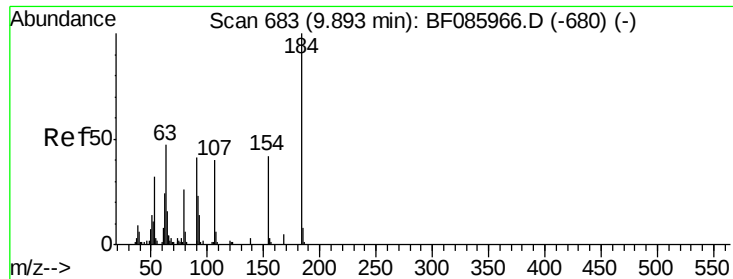
#44
 2-Fluorobiphenyl
 Concen: 102.55 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086132.D
 Acq: 7 Apr 2016 15:17

Tgt Ion:172 Resp: 1209207
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.4 19.8 29.6



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

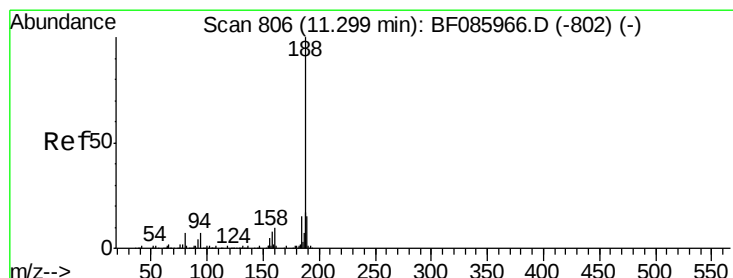
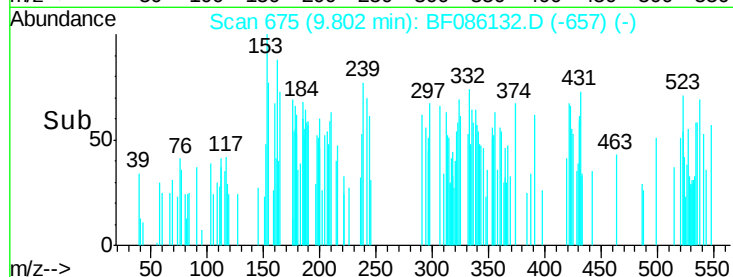
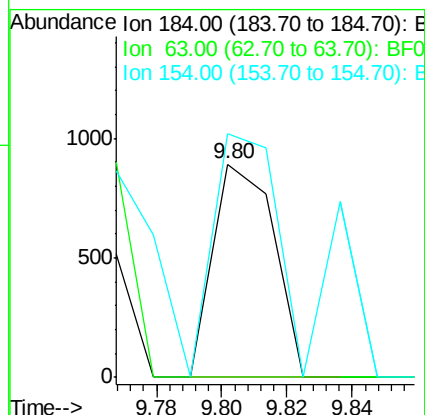
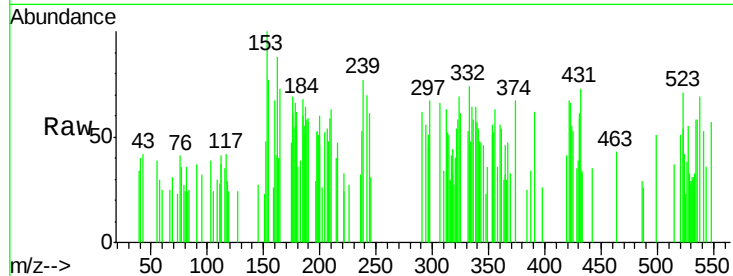




#53
 2,4-Dinitrophenol
 Concen: 2.98 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.09 min
 Lab File: BF086132.D
 Acq: 7 Apr 2016 15:17

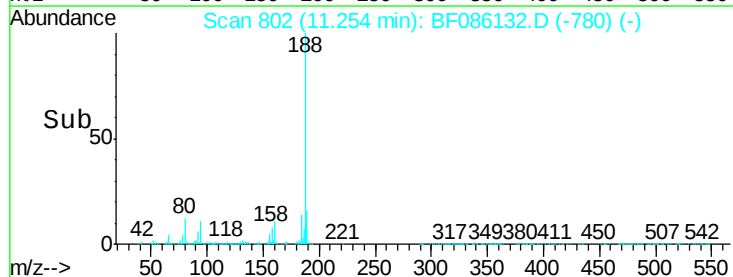
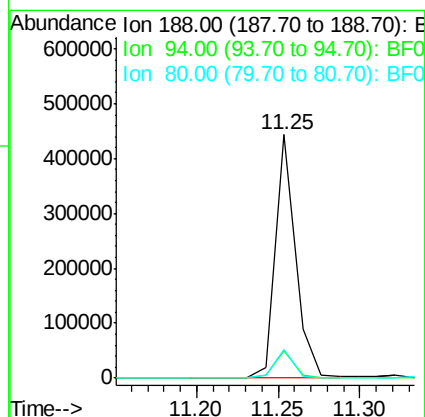
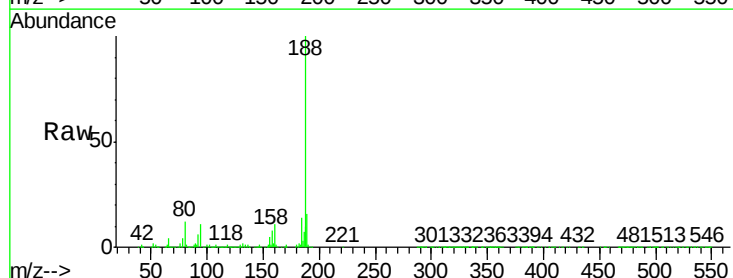
Instrument :
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 ClientSampleId :
 MW-4-040116

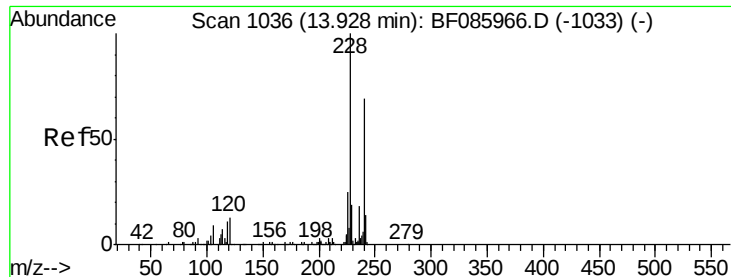
Tgt Ion:184 Resp: 1139
 Ion Ratio Lower Upper
 184 100
 63 0.0 69.5 104.3#
 154 114.4 58.3 87.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.05 min
 Lab File: BF086132.D
 Acq: 7 Apr 2016 15:17

Tgt Ion:188 Resp: 384359
 Ion Ratio Lower Upper
 188 100
 94 11.1 5.4 8.0#
 80 11.6 5.5 8.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086132.D

Acq: 7 Apr 2016 15:17

Instrument :

BNA_F

ClientSampleId :

MW-4-040116

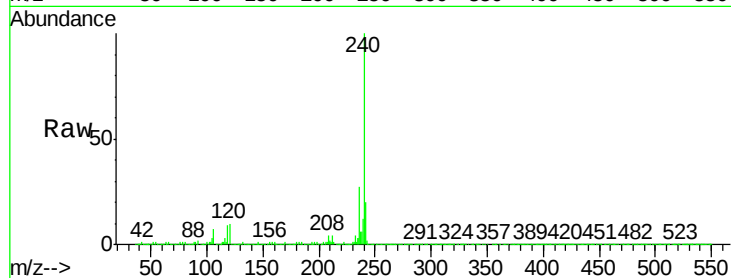
Tgt Ion:240 Resp: 318678

Ion Ratio Lower Upper

240 100

120 10.0 13.8 20.8#

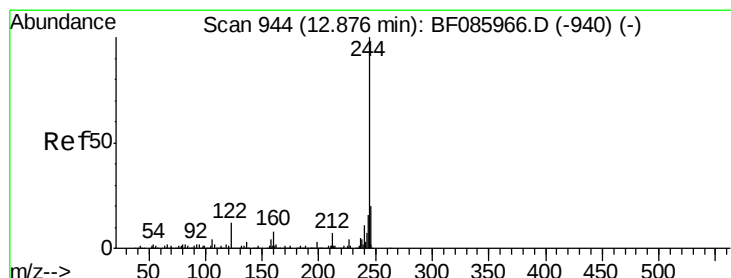
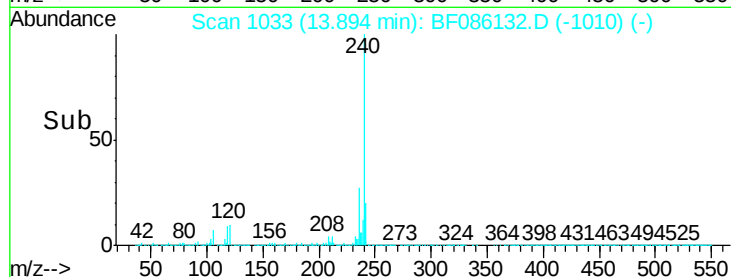
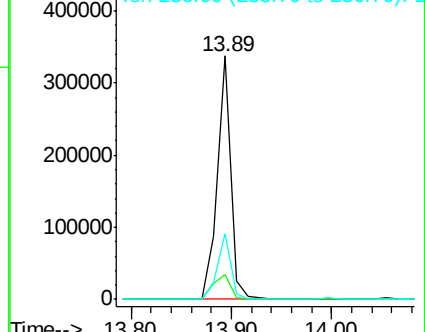
236 27.0 20.6 30.8



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: 79.36 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086132.D

Acq: 7 Apr 2016 15:17

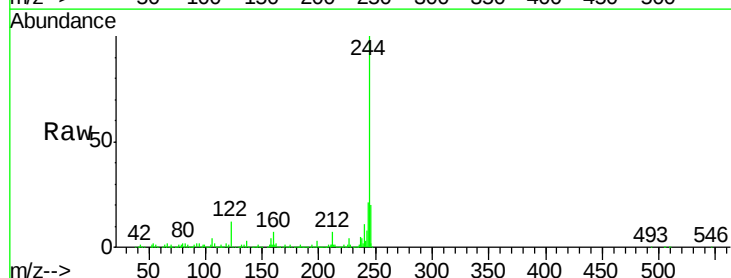
Tgt Ion:244 Resp: 1075919

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

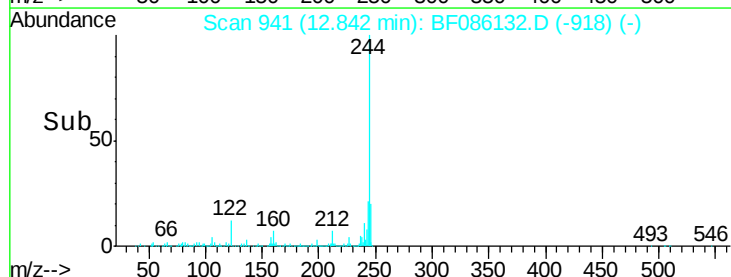
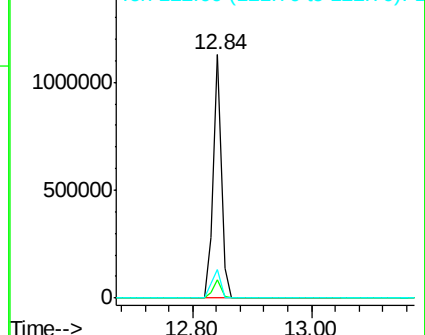
122 11.6 10.2 15.4

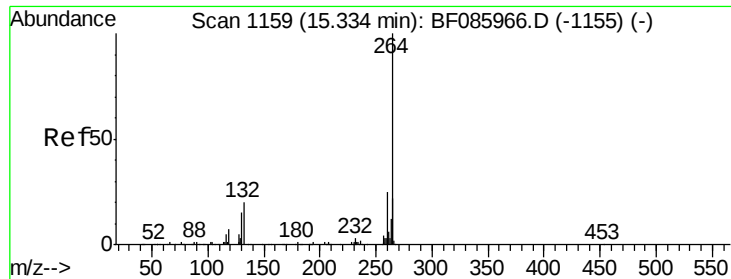


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.29 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BF086132.D
Acq: 7 Apr 2016 15:17

Instrument :
BNA_F
ClientSampleId :
MW-4-040116

Tgt Ion: 264 Resp: 218845
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.6 17.2 25.8

