

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087048.D
 Acq On : 15 May 2016 4:53
 Operator : UM/SJ
 Sample : H3052-03
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Quant Time: May 16 04:53:14 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

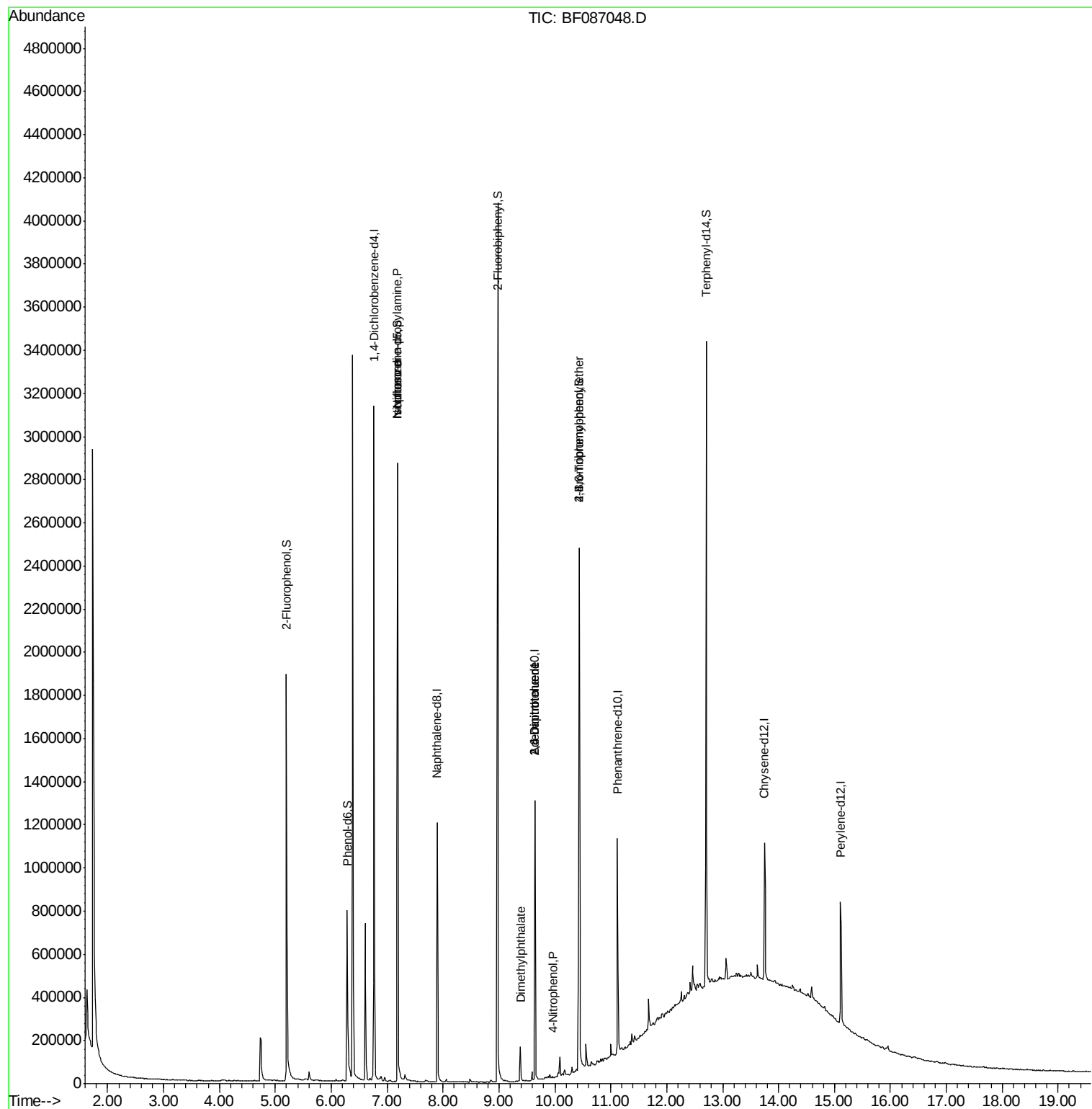
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	406619	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	514316	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	237693	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	392098	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	282566	20.00	ng	-0.09
86) Perylene-d12	15.11	264	304878	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	523942	21.82	ng	-0.09
7) Phenol-d6	6.28	99	424444	13.23	ng	-0.08
23) Nitrobenzene-d5	7.19	82	942259	91.99	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	288306	114.57	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1438315	101.70	ng	-0.08
78) Terphenyl-d14	12.71	244	944836	70.95	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	132664	5.92	ng	# 74
25) Isophorone	7.19	82	926062	48.73	ng	# 68
49) Dimethylphthalate	9.38	163	63014	3.47	ng	# 99
50) 2,6-Dinitrotoluene	9.64	165	30571	8.01	ng	# 21
55) 4-Nitrophenol	9.96	139	229	4.64	ng	# 1
56) 2,4-Dinitrotoluene	9.64	165	30572	6.47	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	17492	4.40	ng	# 1

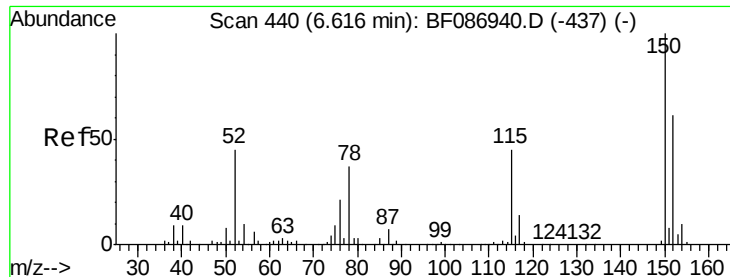
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087048.D
Acq On : 15 May 2016 4:53
Operator : UM/SJ
Sample : H3052-03
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-23

Quant Time: May 16 04:53:14 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



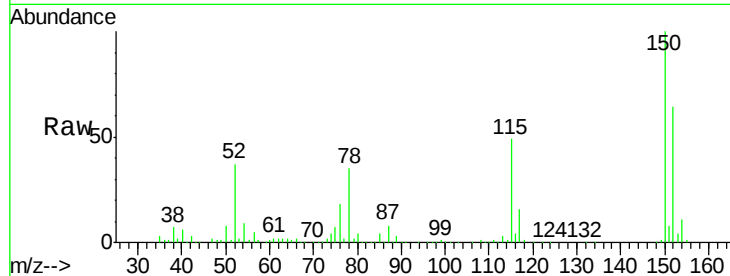


#1

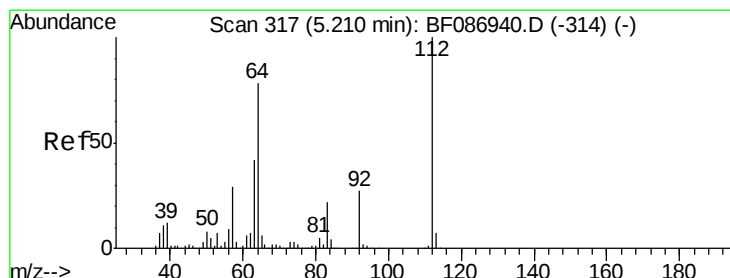
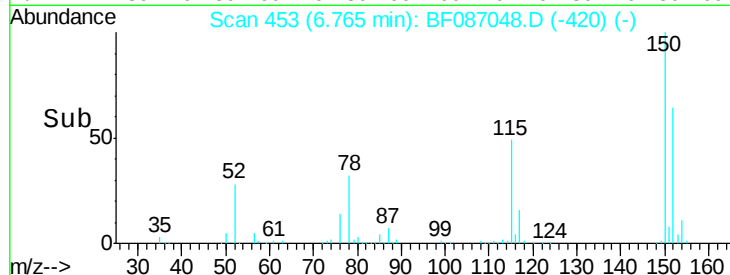
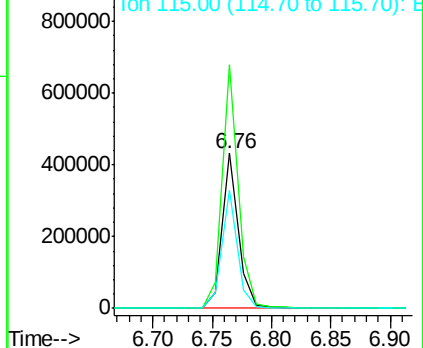
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.07 min
Lab File: BF087048.D
Acq: 15 May 2016 4:53

Instrument :
BNA_F
ClientSampled :
MW-23

Tgt Ion:152 Resp: 406619
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.6
115 76.6 51.5 77.3



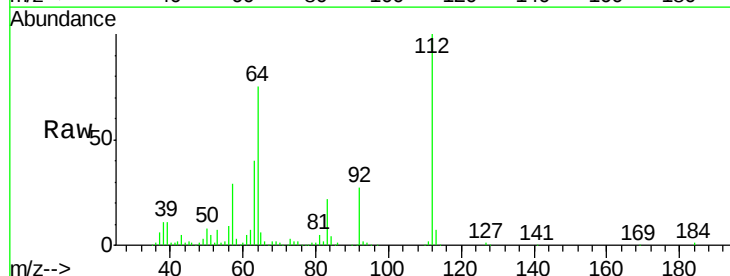
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



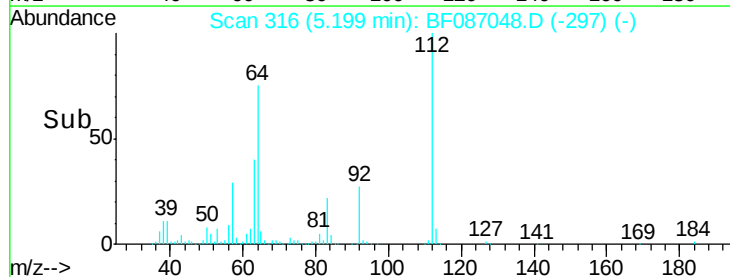
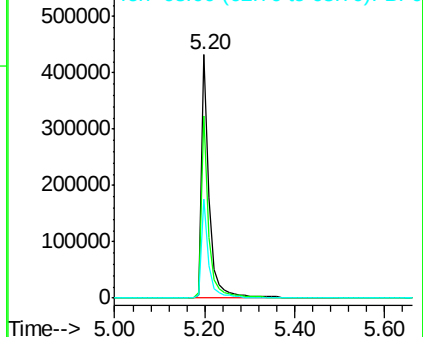
#5

2-Fluorophenol
Concen: 21.82 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.09 min
Lab File: BF087048.D
Acq: 15 May 2016 4:53

Tgt Ion:112 Resp: 523942
Ion Ratio Lower Upper
112 100
64 75.0 52.1 78.1
63 40.4 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: 13.23 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087048.D

Acq: 15 May 2016 4:53

Instrument :

BNA_F

ClientSampleId :

MW-23

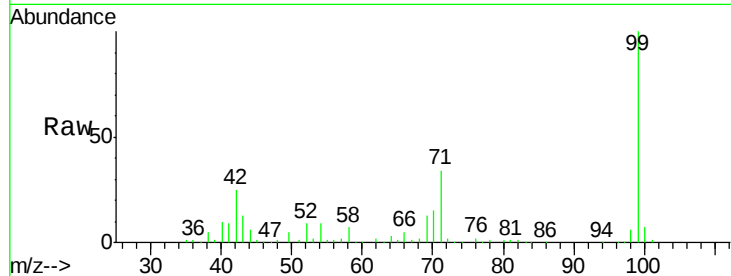
Tgt Ion: 99 Resp: 424444

Ion Ratio Lower Upper

99 100

42 25.4 13.6 20.4#

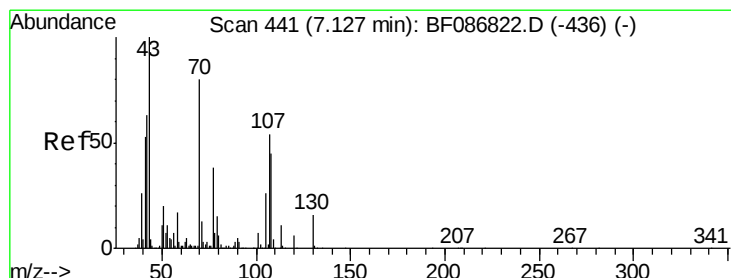
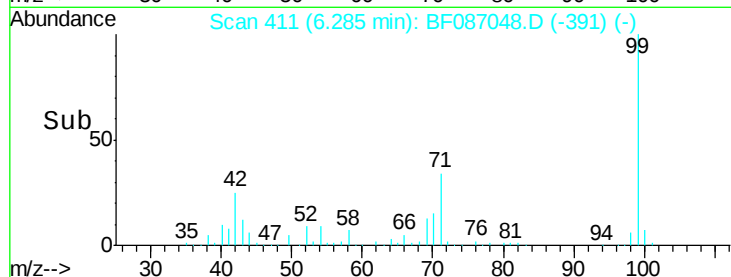
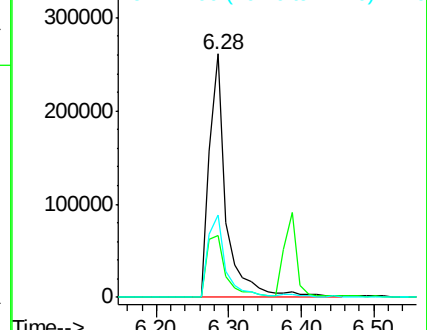
71 33.6 24.6 36.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.92 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF087048.D

Acq: 15 May 2016 4:53

Tgt Ion: 70 Resp: 132664

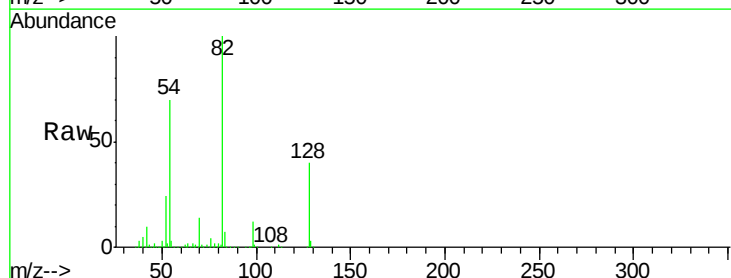
Ion Ratio Lower Upper

70 100

42 67.2 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

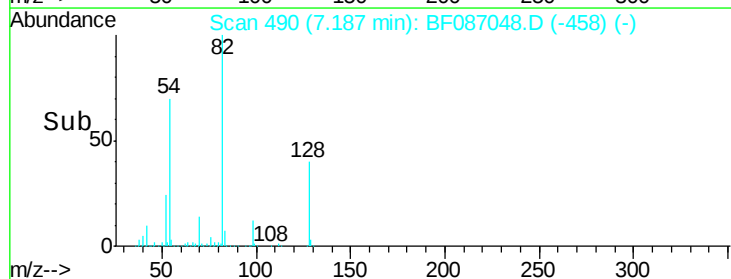
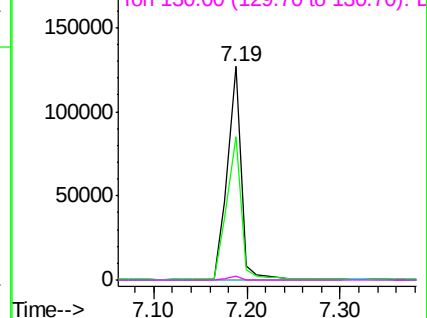


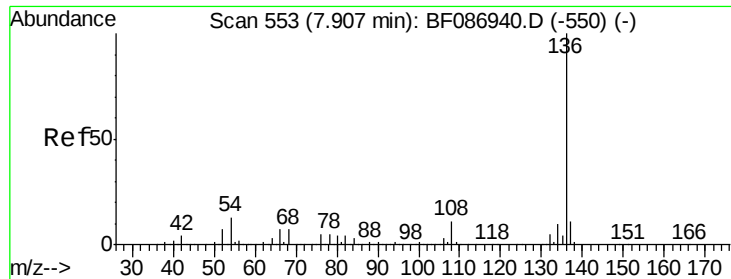
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

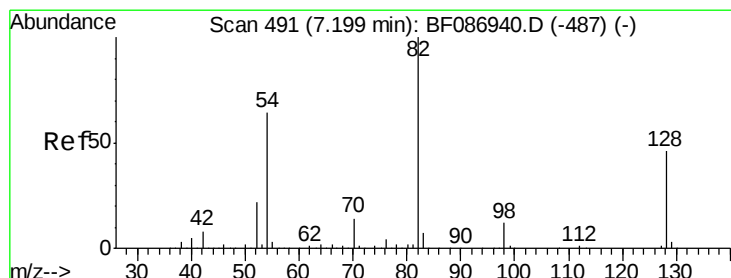
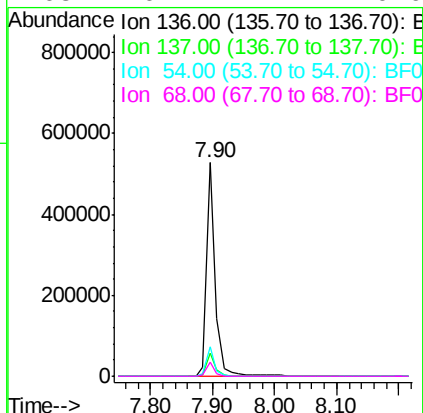
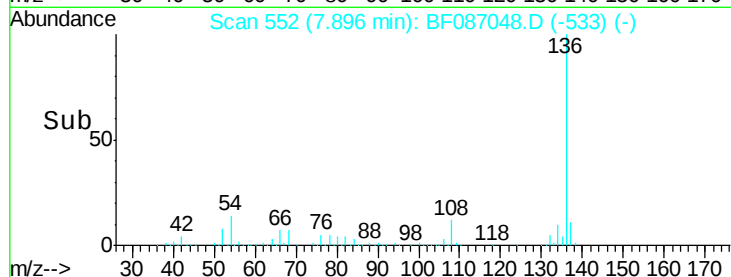
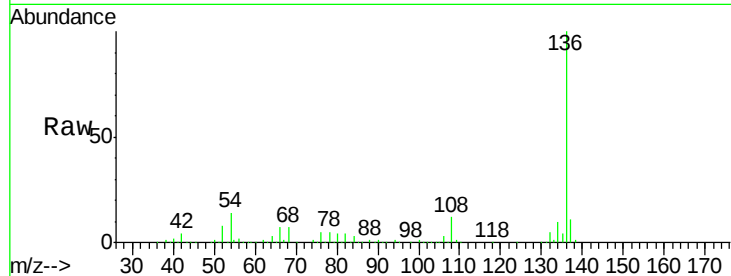




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087048.D
Acq: 15 May 2016 4:53

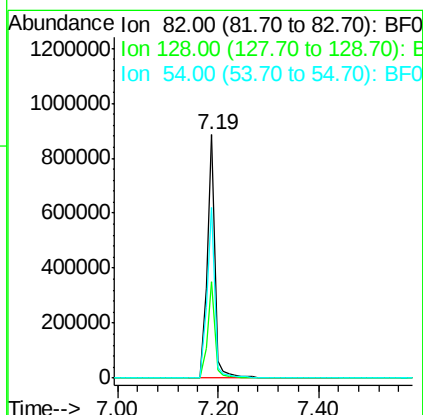
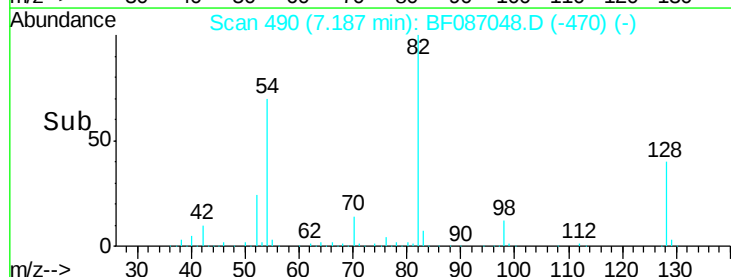
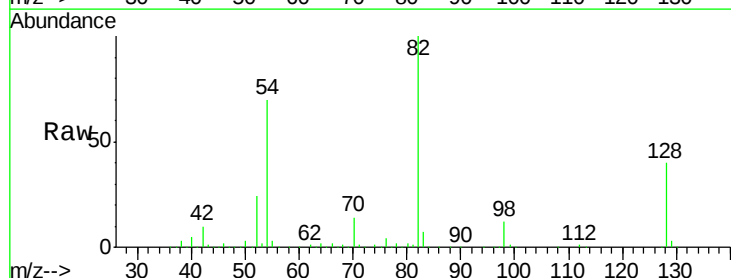
Instrument :
BNA_F
ClientSampleId :
MW-23

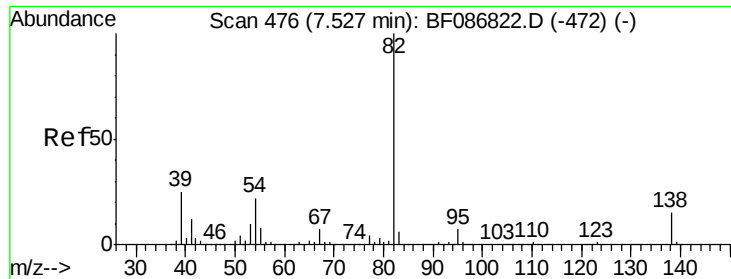
Tgt Ion:	136	Resp:	514316
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	13.6	5.0	7.4#
68	6.7	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 91.99 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087048.D
Acq: 15 May 2016 4:53

Tgt Ion:	82	Resp:	942259
Ion	Ratio	Lower	Upper
82	100		
128	39.5	40.6	61.0#
54	70.2	38.1	57.1#

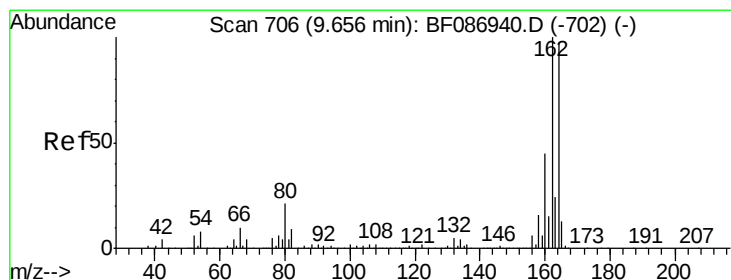
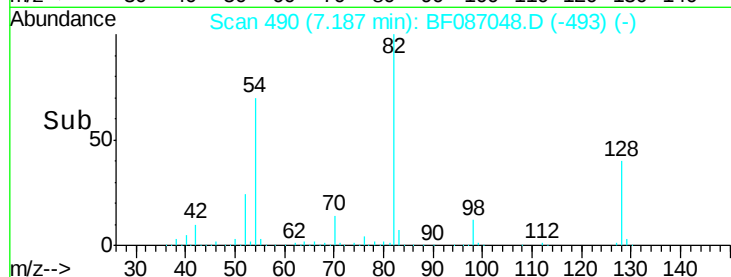
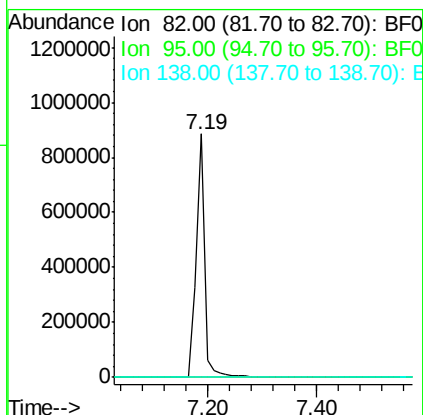
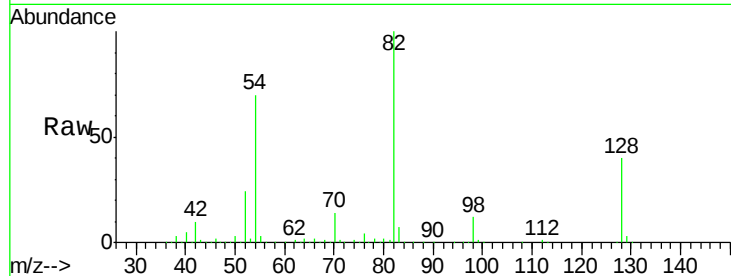




#25
Isophorone
Concen: 48.73 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.34 min
Lab File: BF087048.D
Acq: 15 May 2016 4:53

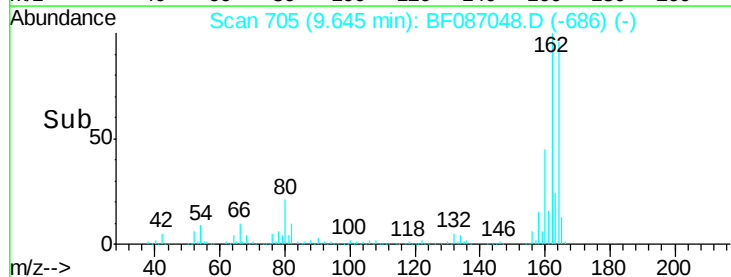
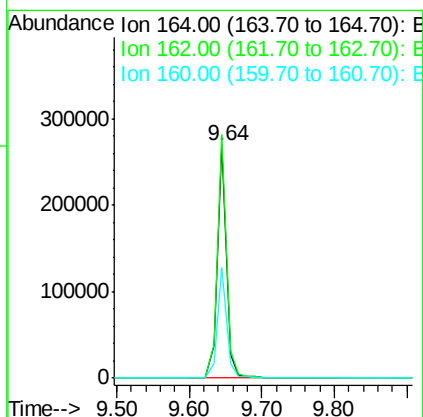
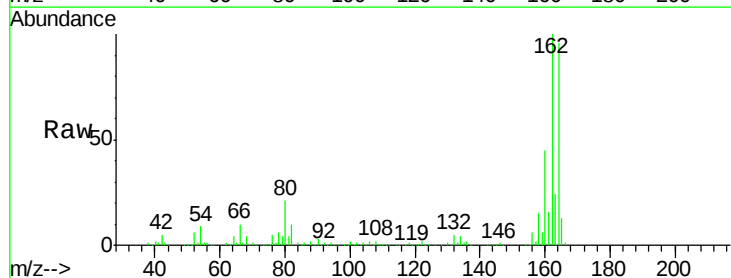
Instrument :
BNA_F
ClientSampled :
MW-23

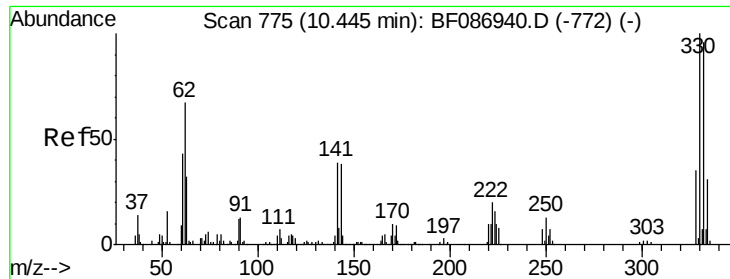
Tgt Ion: 82 Resp: 926062
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087048.D
Acq: 15 May 2016 4:53

Tgt Ion: 164 Resp: 237693
Ion Ratio Lower Upper
164 100
162 104.6 82.8 124.2
160 47.3 36.9 55.3

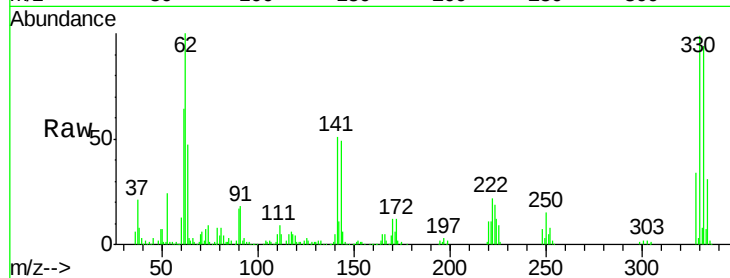




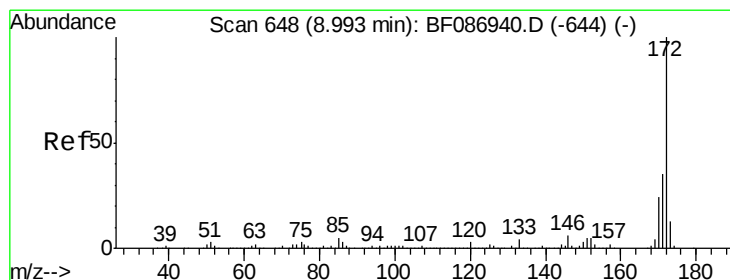
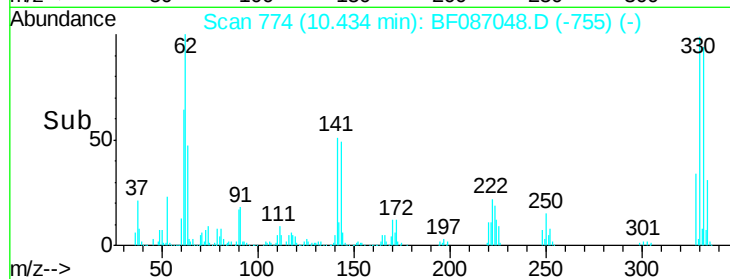
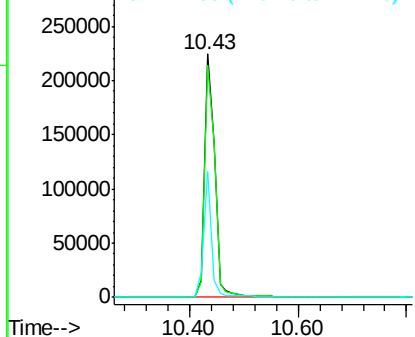
#41
 2,4,6-Tribromophenol
 Concen: 114.57 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.09 min
 Lab File: BF087048.D
 Acq: 15 May 2016 4:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Tgt Ion:330 Resp: 288306
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 40.4 31.2 46.8

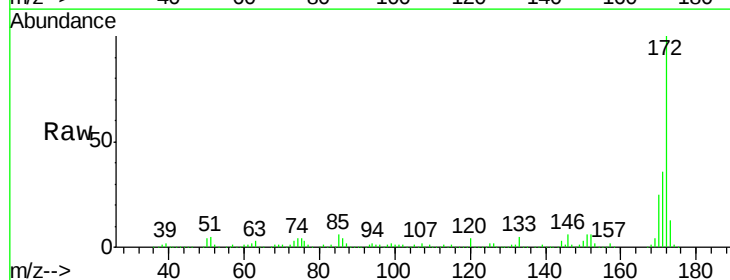


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

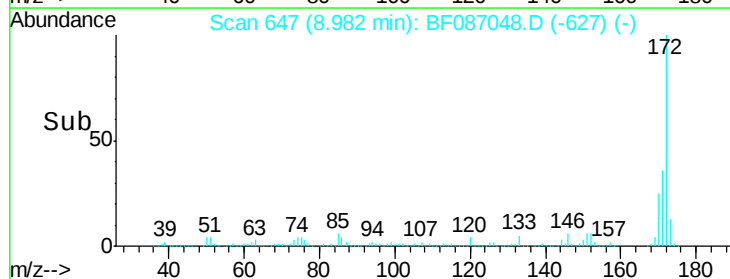
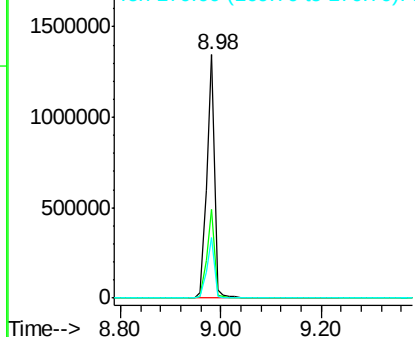


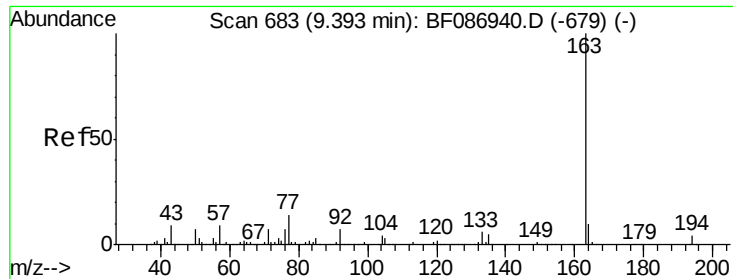
#44
 2-Fluorobiphenyl
 Concen: 101.70 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087048.D
 Acq: 15 May 2016 4:53

Tgt Ion:172 Resp: 1438315
 Ion Ratio Lower Upper
 172 100
 171 36.4 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

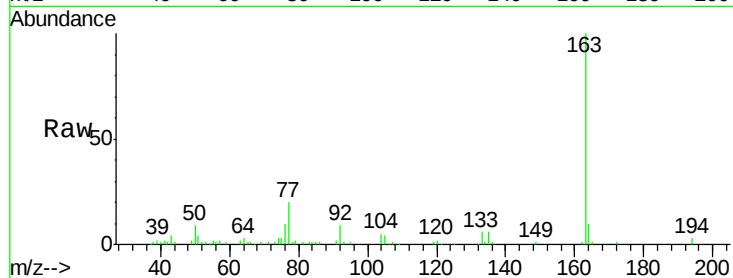




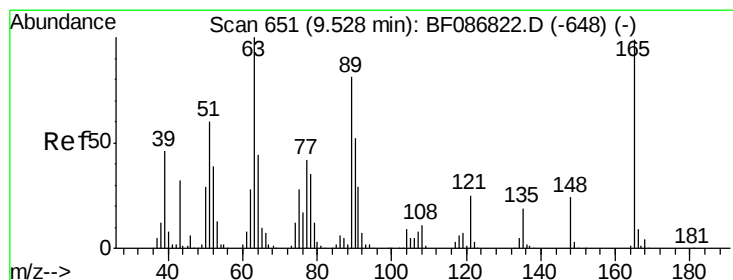
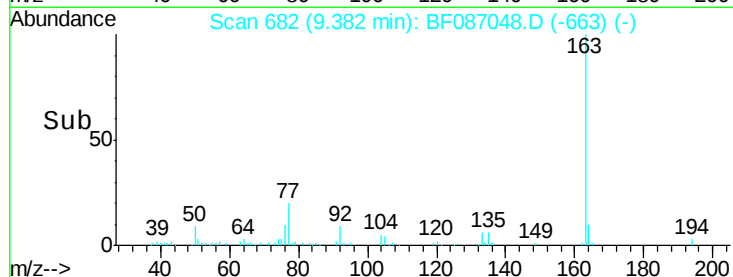
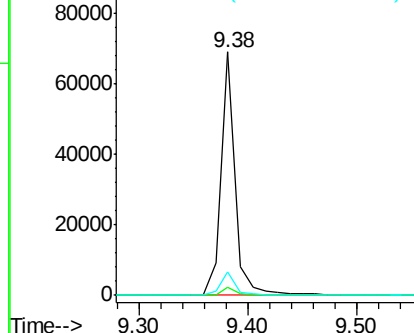
#49
Dimethylphthalate
Concen: 3.47 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.09 min
Lab File: BF087048.D
Acq: 15 May 2016 4:53

Instrument :
BNA_F
ClientSampleId :
MW-23

Tgt Ion:163 Resp: 63014
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.6 8.2 12.4

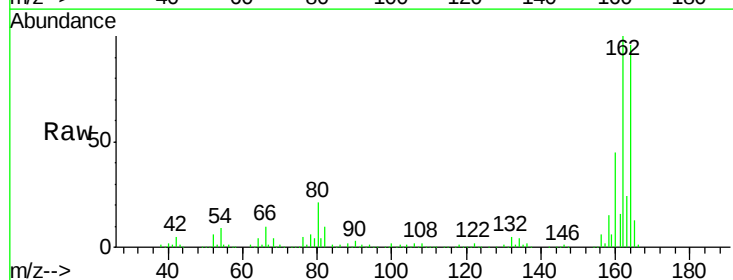


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

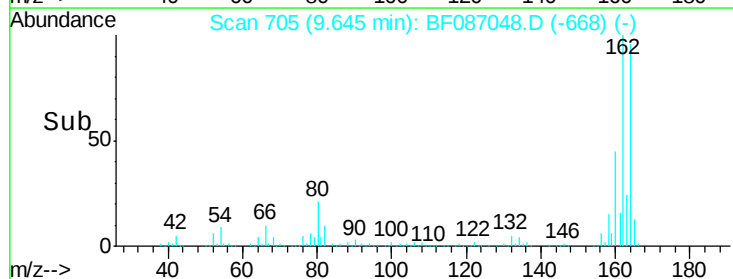
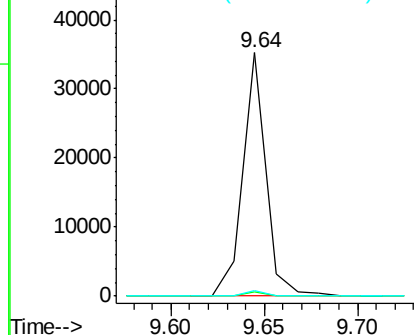


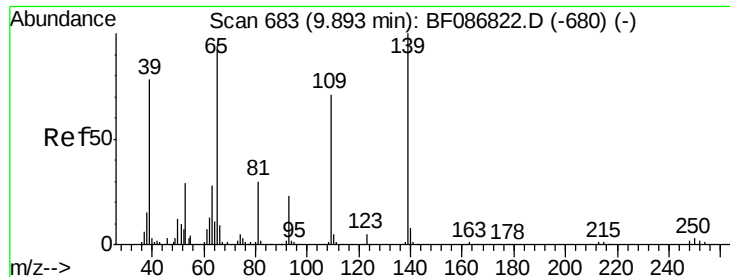
#50
2,6-Dinitrotoluene
Concen: 8.01 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.12 min
Lab File: BF087048.D
Acq: 15 May 2016 4:53

Tgt Ion:165 Resp: 30571
Ion Ratio Lower Upper
165 100
63 1.9 51.8 77.8#
89 2.1 50.7 76.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#55

4-Nitrophenol

Concen: 4.64 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.07 min

Lab File: BF087048.D

Acq: 15 May 2016 4:53

Instrument :

BNA_F

ClientSampled :

MW-23

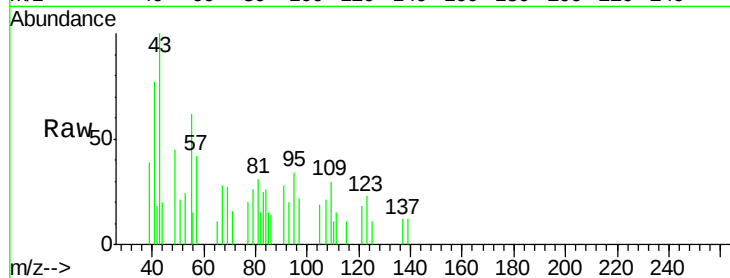
Tgt Ion:139 Resp: 229

Ion Ratio Lower Upper

139 100

109 251.5 36.9 76.9#

65 90.1 64.0 104.0

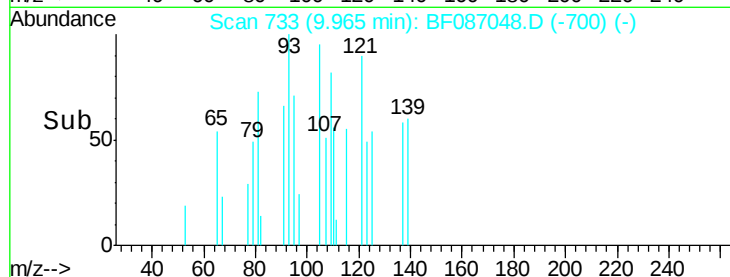


Abundance Ion 139.00 (138.70 to 139.70): E

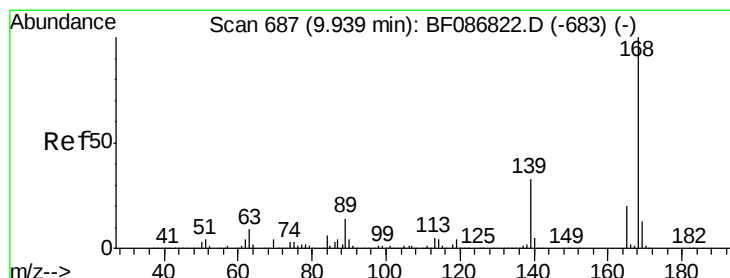
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



Time-->



#56

2,4-Dinitrotoluene

Concen: 6.47 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.29 min

Lab File: BF087048.D

Acq: 15 May 2016 4:53

Tgt Ion:165 Resp: 30572

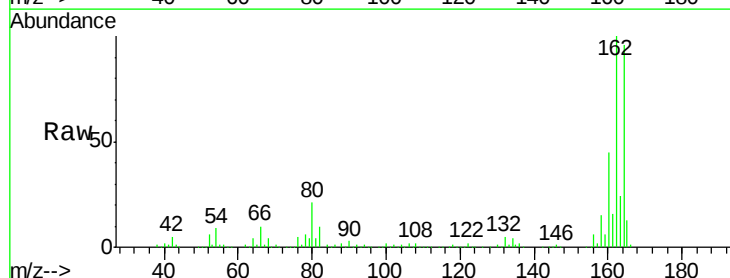
Ion Ratio Lower Upper

165 100

63 1.9 44.3 66.5#

89 2.1 70.0 105.0#

182 0.0 1.8 2.6#



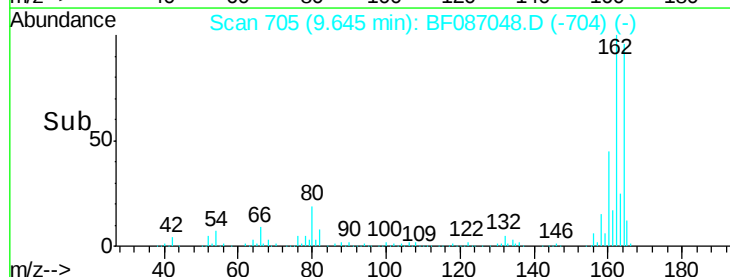
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

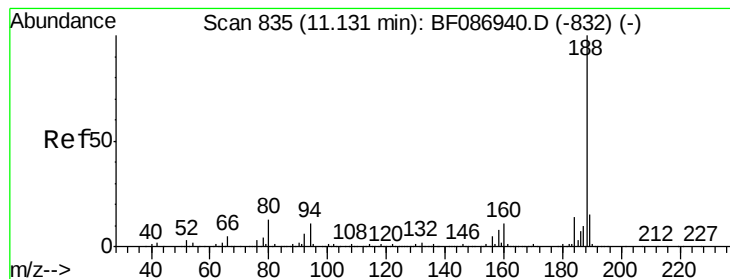
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.09 min

Lab File: BF087048.D

Acq: 15 May 2016 4:53

Instrument :

BNA_F

ClientSampleId :

MW-23

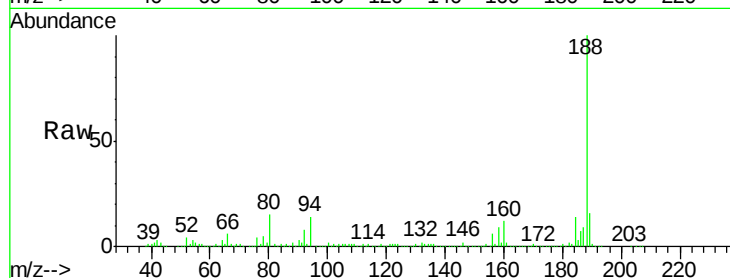
Tgt Ion:188 Resp: 392098

Ion Ratio Lower Upper

188 100

94 13.5 6.8 10.2#

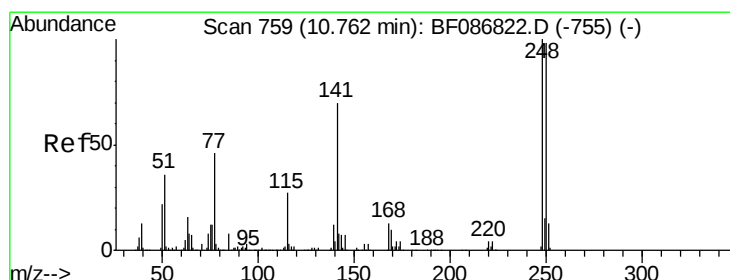
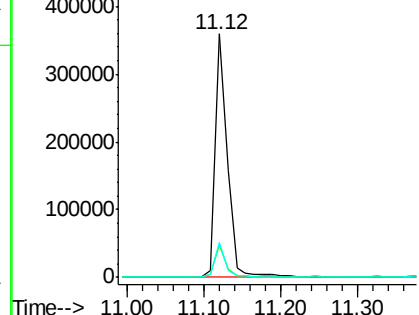
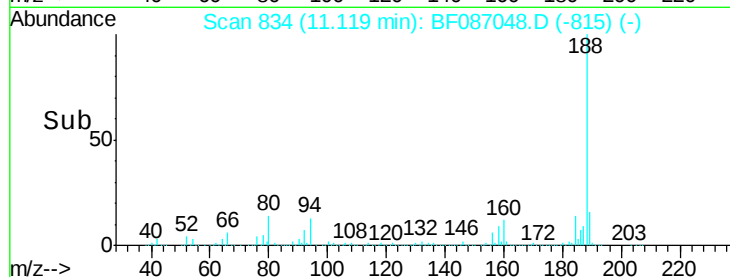
80 14.6 7.1 10.7#



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: 4.40 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.33 min

Lab File: BF087048.D

Acq: 15 May 2016 4:53

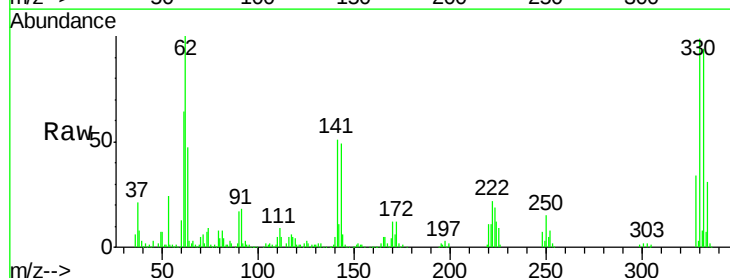
Tgt Ion:248 Resp: 17492

Ion Ratio Lower Upper

248 100

250 204.9 78.6 117.8#

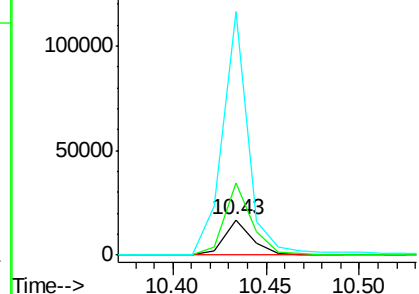
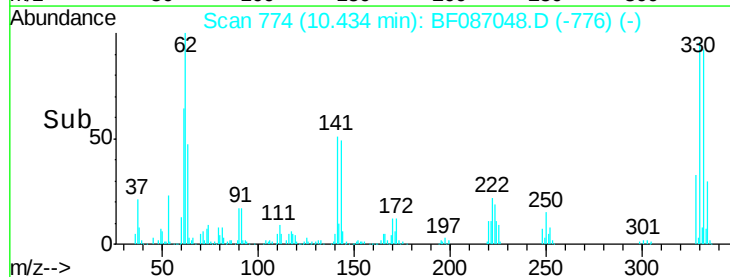
141 691.6 76.0 114.0#

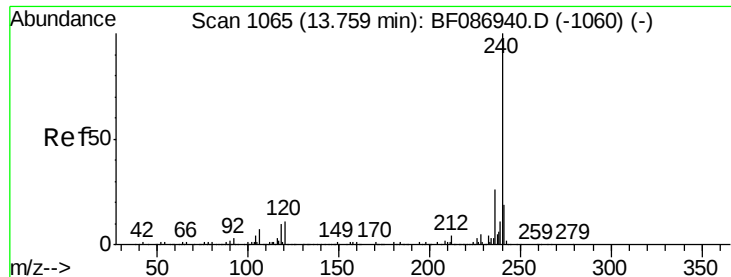


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF087048.D

Acq: 15 May 2016 4:53

Instrument :

BNA_F

ClientSampled :

MW-23

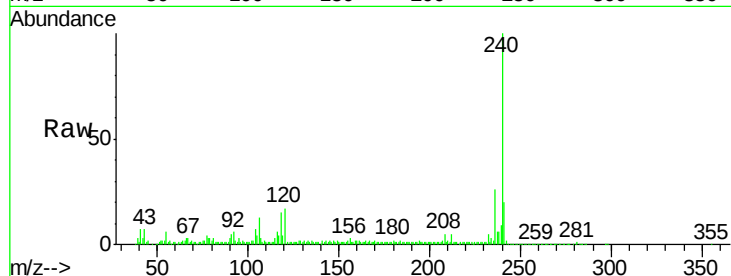
Tgt Ion:240 Resp: 282566

Ion Ratio Lower Upper

240 100

120 17.0 11.2 16.8#

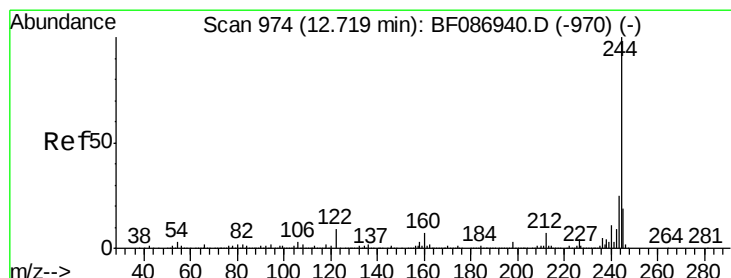
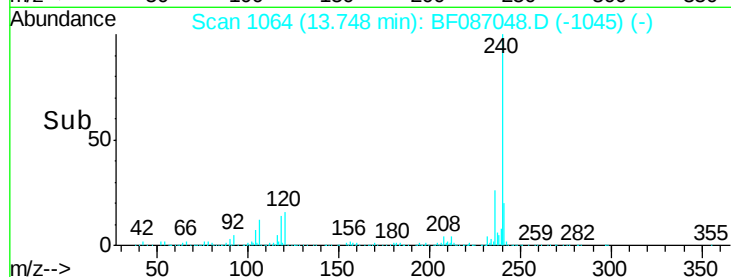
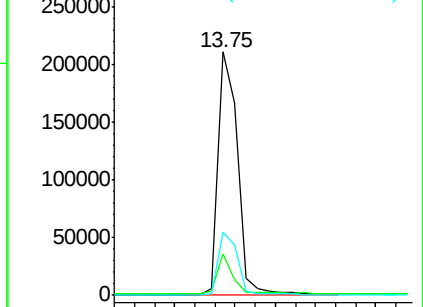
236 26.0 21.2 31.8



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: 70.95 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087048.D

Acq: 15 May 2016 4:53

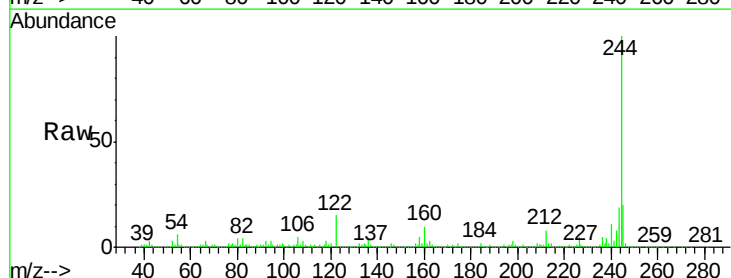
Tgt Ion:244 Resp: 944836

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

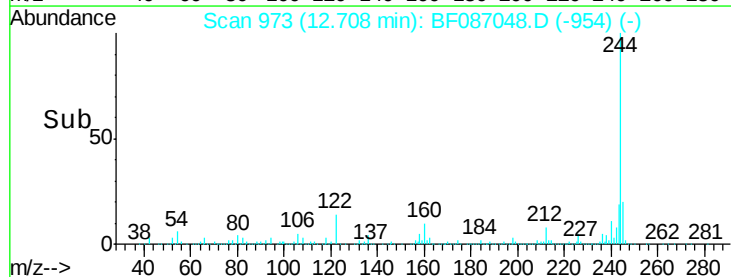
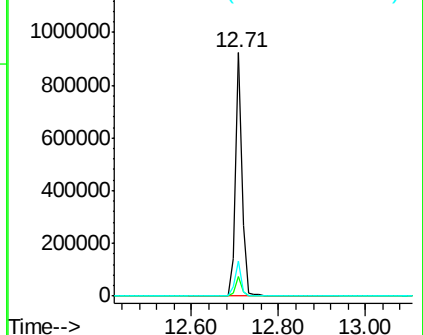
122 14.6 12.0 18.0

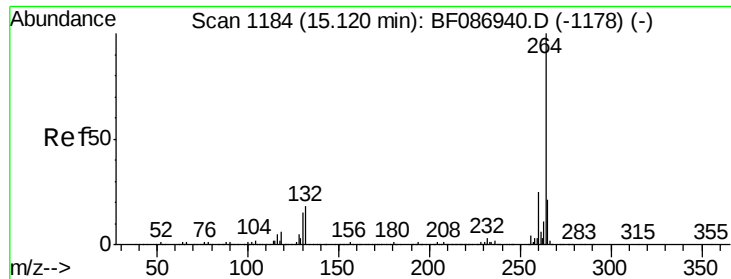


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087048.D

Acq: 15 May 2016 4:53

Instrument :

BNA_F

ClientSampleId :

MW-23

Tgt Ion: 264 Resp: 304878

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.1 17.3 25.9

