

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
 Data File : BF087295.D
 Acq On : 22 May 2016 17:17
 Operator : UM/SJ
 Sample : H3172-12
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: May 23 03:39:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 01:56:40 2016
 Response via : Initial Calibration

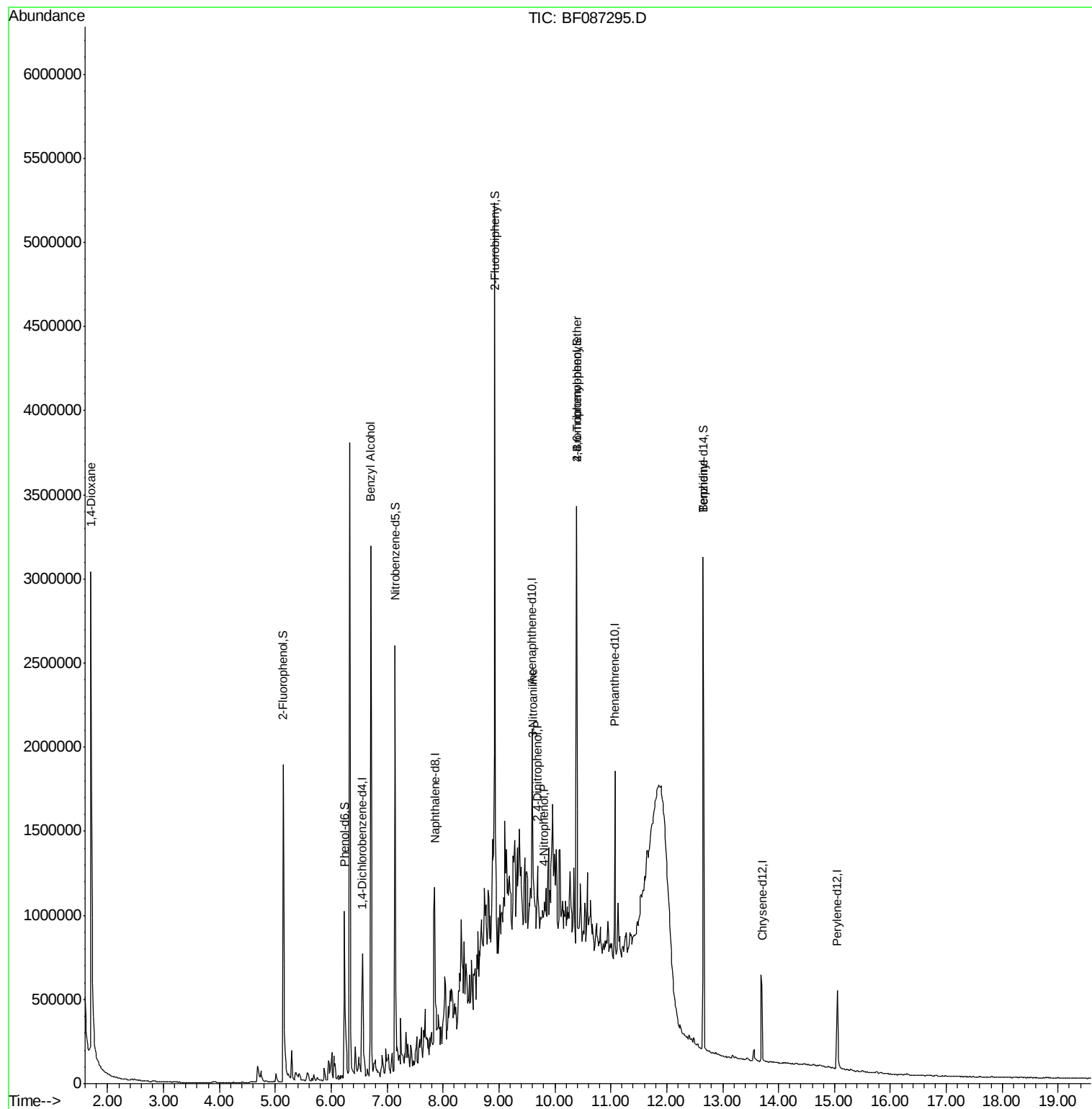
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	114458	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	460986	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	209645	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	373181	20.00	ng	0.00
75) Chrysene-d12	13.70	240	257333	20.00	ng	0.00
86) Perylene-d12	15.05	264	218562	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	583337	85.66	ng	0.01
7) Phenol-d6	6.24	99	491611	53.83	ng	0.01
23) Nitrobenzene-d5	7.14	82	997058	107.79	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	278886	120.38	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1301001	102.78	ng	0.00
78) Terphenyl-d14	12.65	244	1141326	100.33	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.70	88	103022	29.41	ng	# 22
15) Benzyl Alcohol	6.71	79	16577	2.44	ng	# 44
52) 3-Nitroaniline	9.60	138	23698	6.30	ng	# 3
53) 2,4-Dinitrophenol	9.69	184	450	4.95	ng	# 1
55) 4-Nitrophenol	9.80	139	13093	11.39	ng	# 6
66) 4-Bromophenyl-phenylether	10.39	248	19314	5.03	ng	# 1
76) Benzidine	12.65	184	18380	2.85	ng	# 91

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
Data File : BF087295.D
Acq On : 22 May 2016 17:17
Operator : UM/SJ
Sample : H3172-12
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-02

Quant Time: May 23 03:39:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 01:56:40 2016
Response via : Initial Calibration



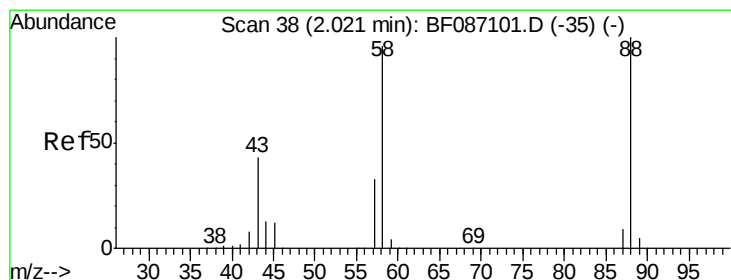
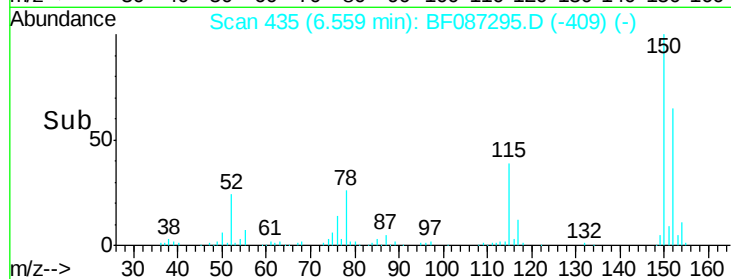
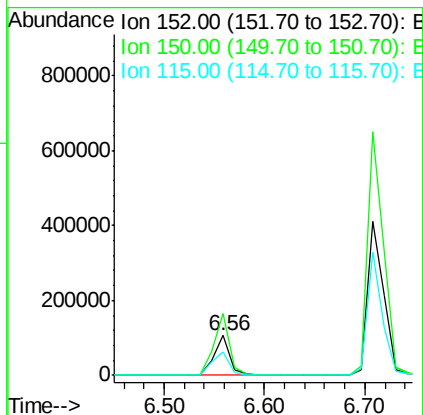
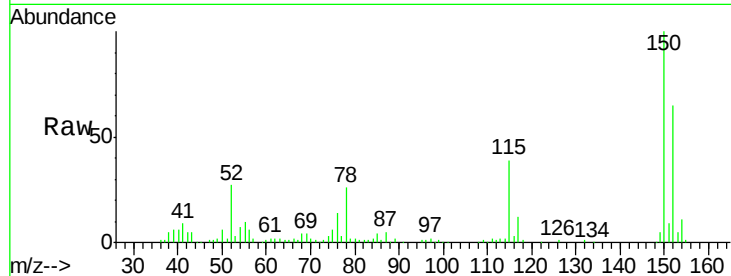


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087295.D
Acq: 22 May 2016 17:17

Instrument :
BNA_F
ClientSampled :
MW-02

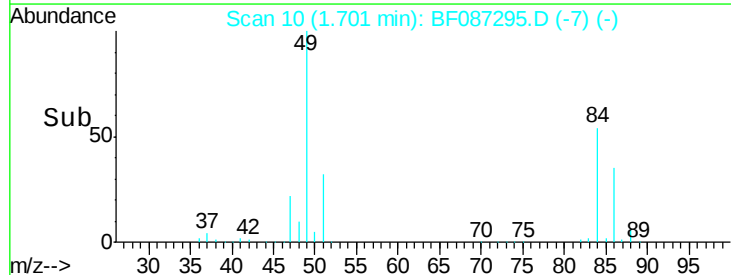
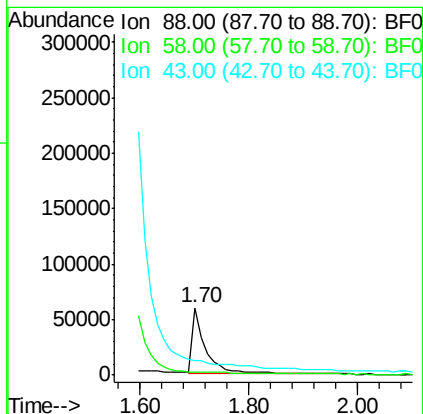
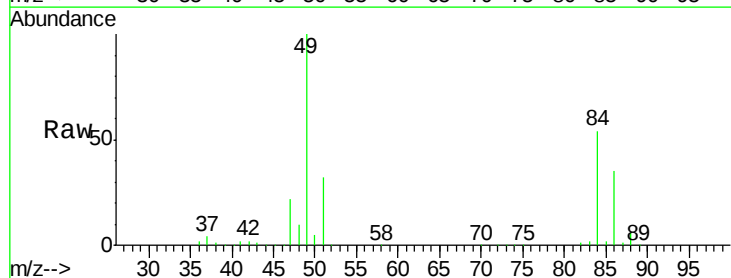
Tgt Ion:152 Resp: 114458
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 60.6 51.5 77.3

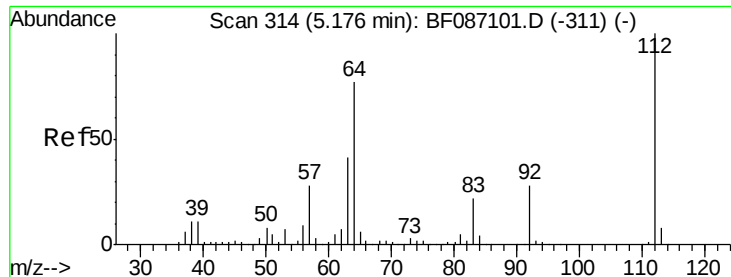


#2

1,4-Dioxane
Concen: 29.41 ng
RT: 1.70 min Scan# 10
Delta R.T. -0.26 min
Lab File: BF087295.D
Acq: 22 May 2016 17:17

Tgt Ion: 88 Resp: 103022
Ion Ratio Lower Upper
88 100
58 0.0 59.6 89.4#
43 0.0 21.8 32.6#





#5

2-Fluorophenol

Concen: 85.66 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF087295.D

Acq: 22 May 2016 17:17

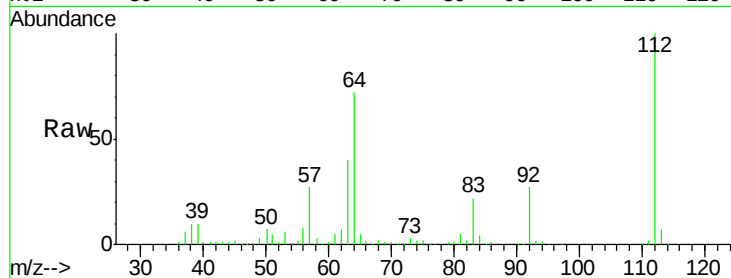
Instrument :

BNA_F

ClientSampleId :

MW-02

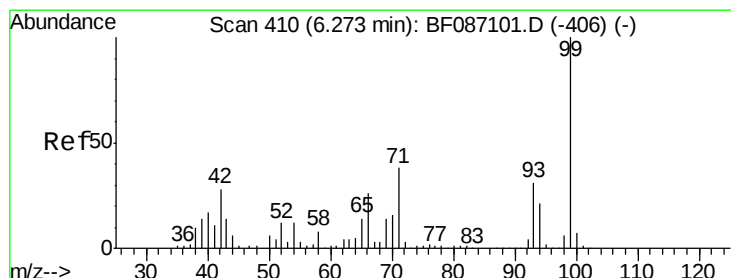
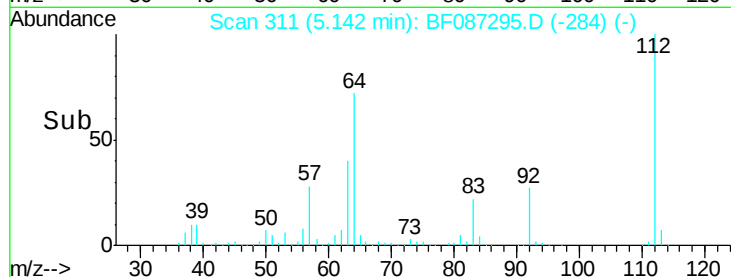
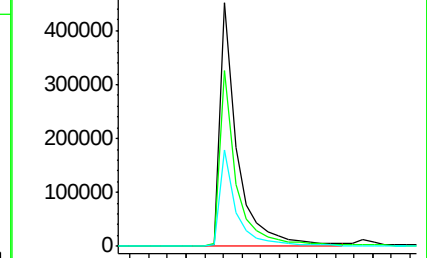
Tgt Ion:	112	Resp:	583337
Ion	Ratio	Lower	Upper
112	100		
64	72.3	52.1	78.1
63	39.8	25.7	38.5#



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: 53.83 ng

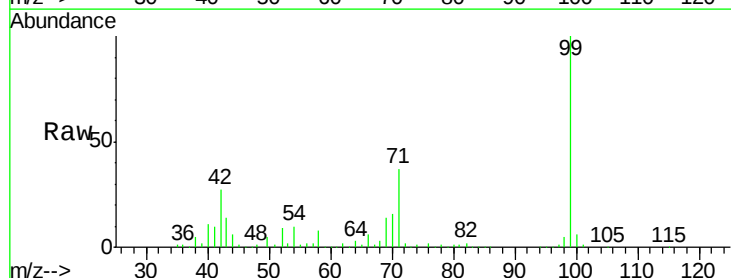
RT: 6.24 min Scan# 407

Delta R.T. 0.01 min

Lab File: BF087295.D

Acq: 22 May 2016 17:17

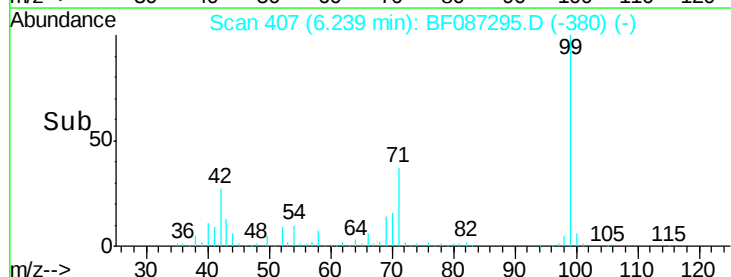
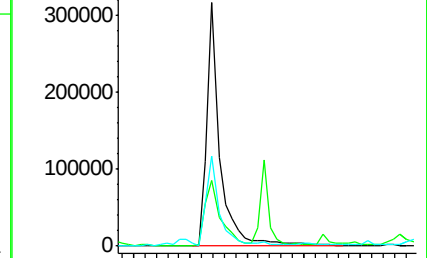
Tgt Ion:	99	Resp:	491611
Ion	Ratio	Lower	Upper
99	100		
42	27.2	13.6	20.4#
71	37.1	24.6	36.8#

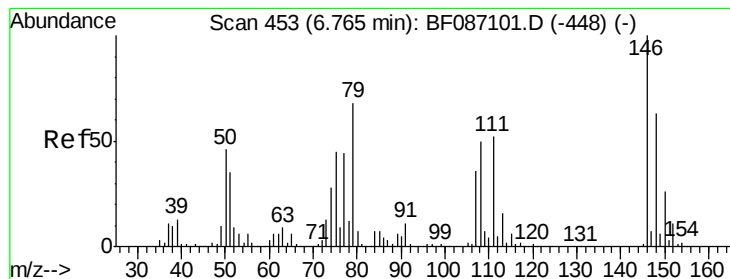


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.44 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF087295.D

Acq: 22 May 2016 17:17

Instrument :

BNA_F

ClientSampled :

MW-02

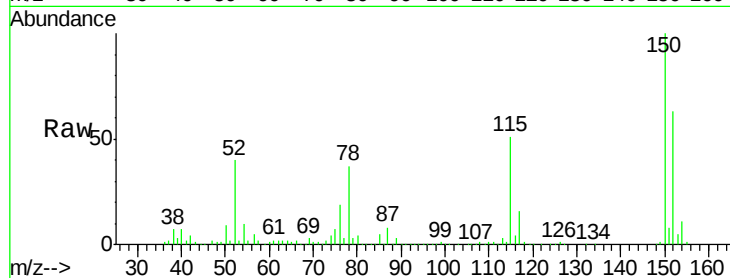
Tgt Ion: 79 Resp: 16577

Ion Ratio Lower Upper

79 100

108 30.2 68.4 102.6#

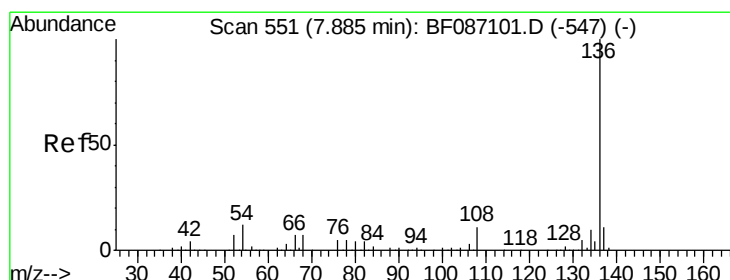
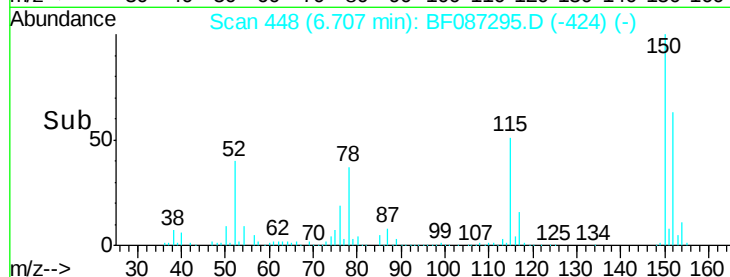
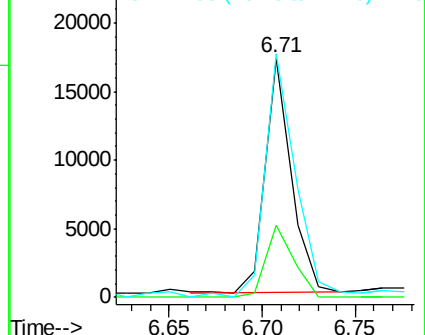
77 102.1 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF087295.D

Acq: 22 May 2016 17:17

Tgt Ion: 136 Resp: 460986

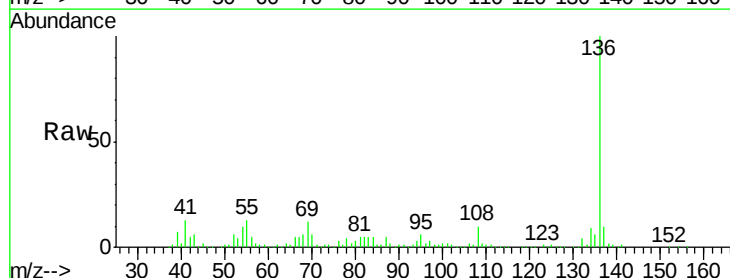
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 10.1 5.0 7.4#

68 6.3 4.4 6.6

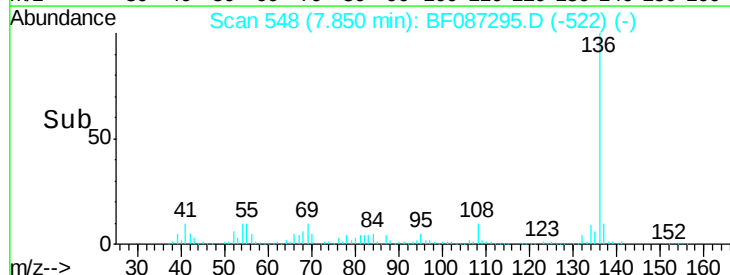
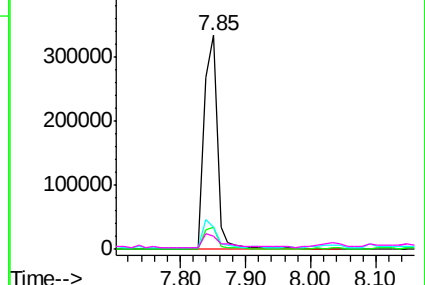


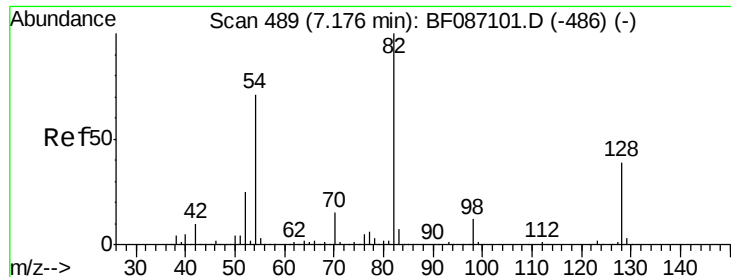
Abundance Ion 136.00 (135.70 to 136.70): E

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

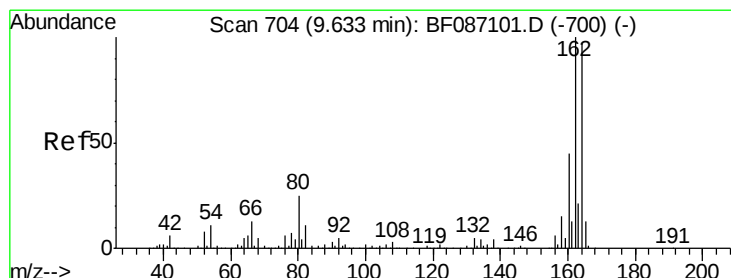
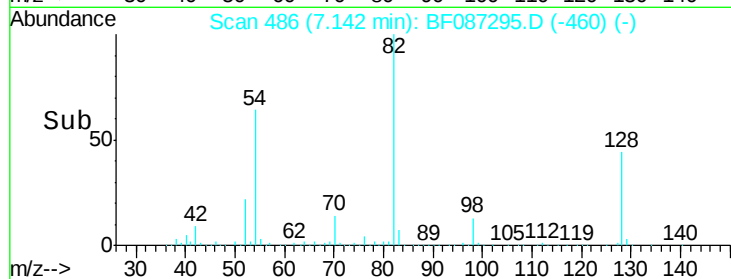
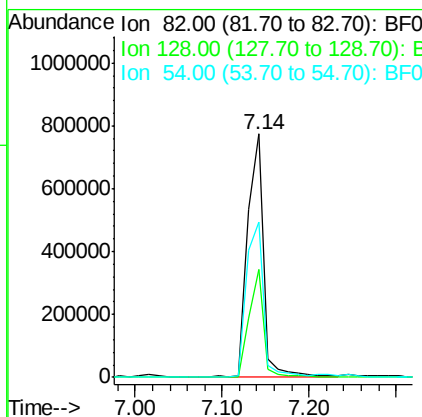
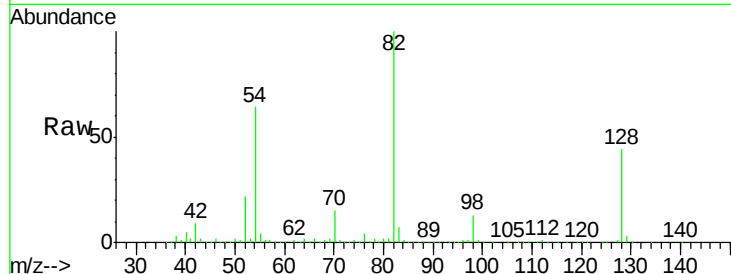




#23
 Nitrobenzene-d5
 Concen: 107.79 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF087295.D
 Acq: 22 May 2016 17:17

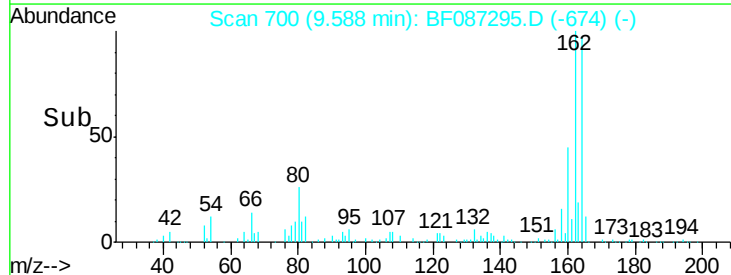
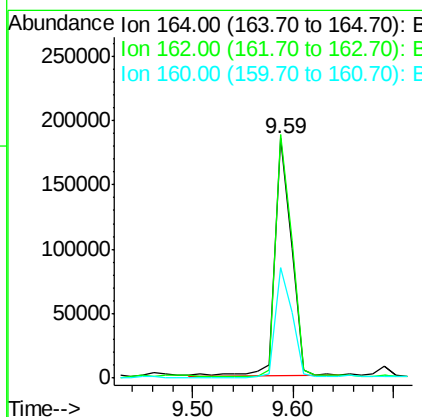
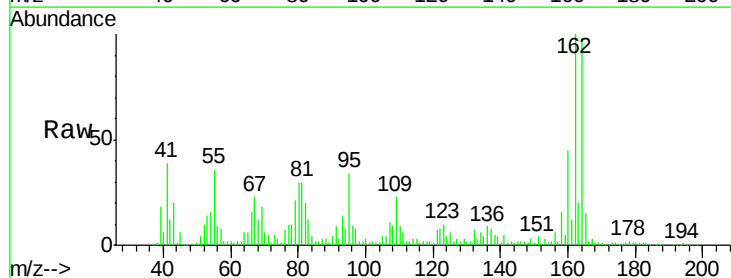
Instrument :
 BNA_F
 ClientSampleId :
 MW-02

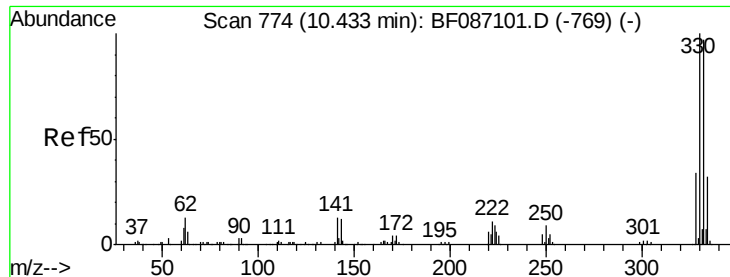
Tgt Ion: 82 Resp: 997058
 Ion Ratio Lower Upper
 82 100
 128 44.4 40.6 61.0
 54 63.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF087295.D
 Acq: 22 May 2016 17:17

Tgt Ion: 164 Resp: 209645
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.8 124.2
 160 46.0 36.9 55.3

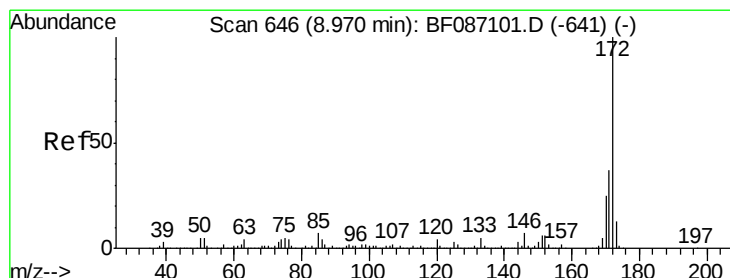
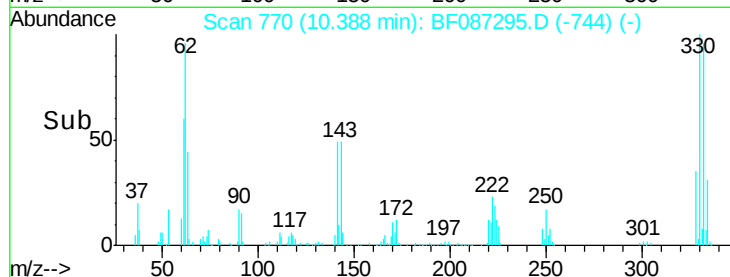
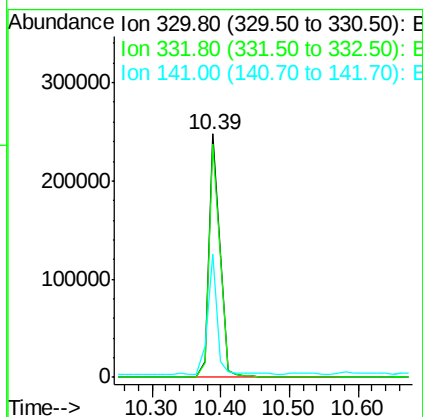
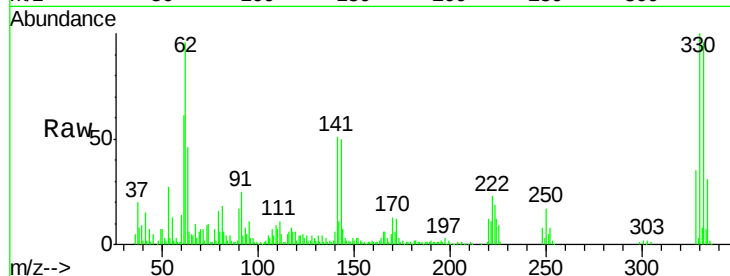




#41
 2,4,6-Tribromophenol
 Concen: 120.38 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF087295.D
 Acq: 22 May 2016 17:17

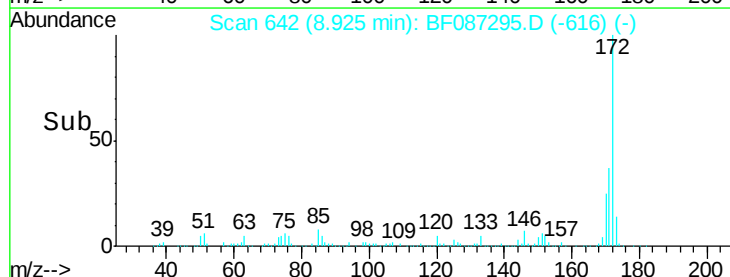
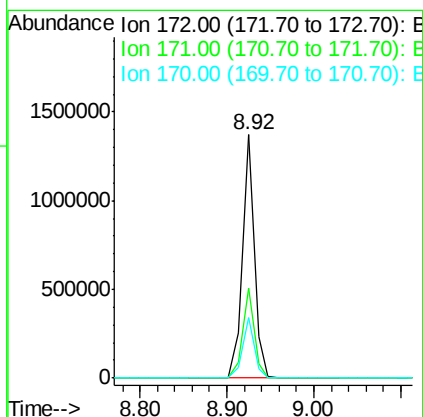
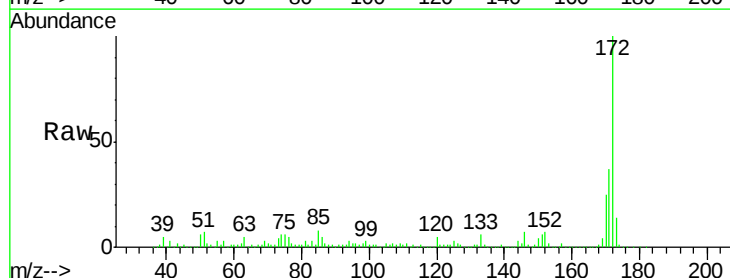
Instrument :
 BNA_F
 ClientSampleId :
 MW-02

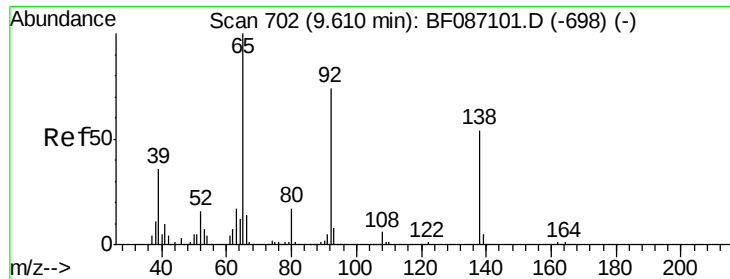
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	42.6	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 102.78 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087295.D
 Acq: 22 May 2016 17:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.8	19.8	29.8





#52

3-Nitroaniline

Concen: 6.30 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.02 min

Lab File: BF087295.D

Acq: 22 May 2016 17:17

Instrument :

BNA_F

ClientSampleId :

MW-02

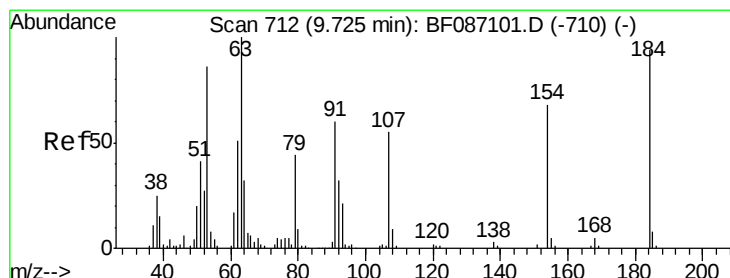
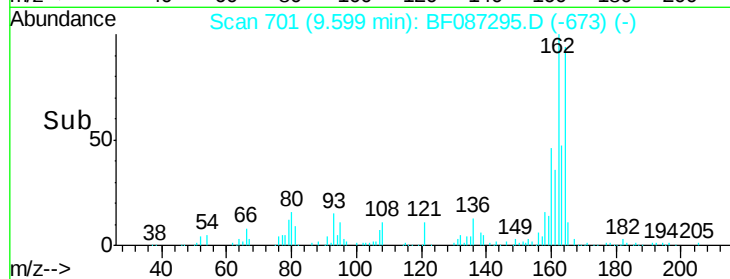
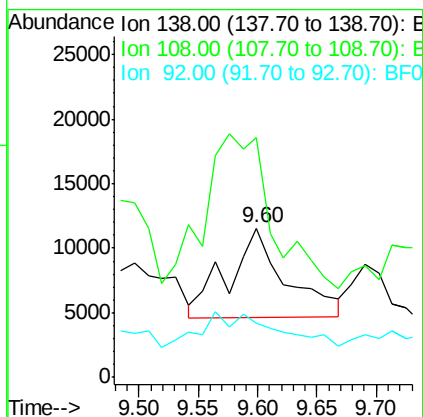
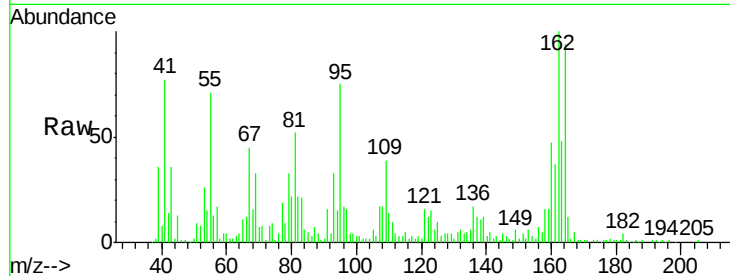
Tgt Ion:138 Resp: 23698

Ion Ratio Lower Upper

138 100

108 160.6 7.8 11.6#

92 36.7 87.8 131.8#



#53

2,4-Dinitrophenol

Concen: 4.95 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF087295.D

Acq: 22 May 2016 17:17

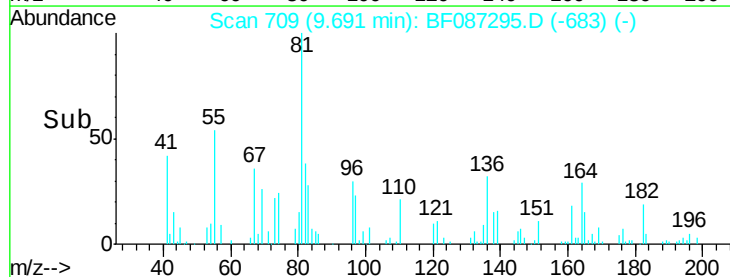
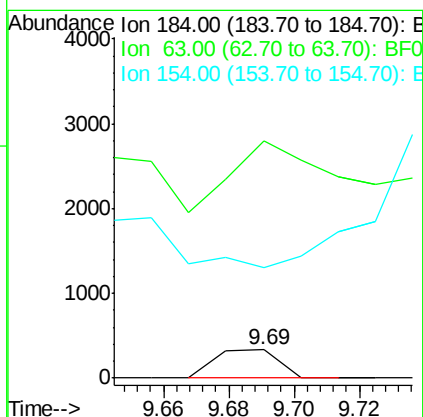
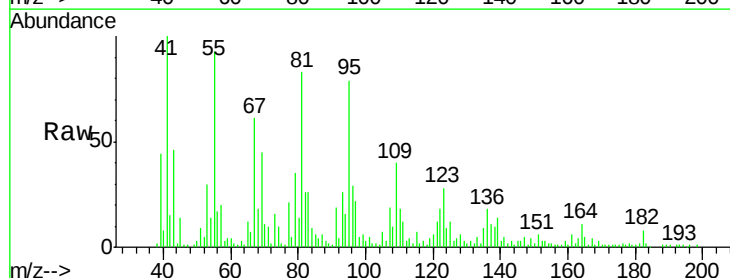
Tgt Ion:184 Resp: 450

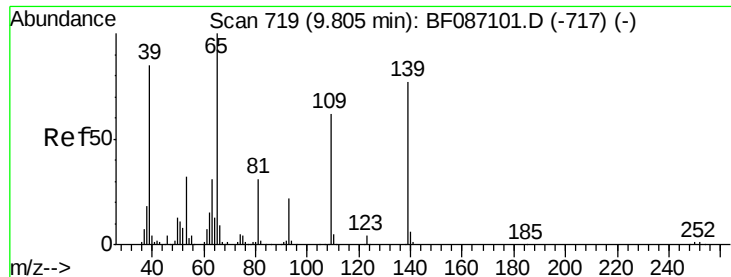
Ion Ratio Lower Upper

184 100

63 841.6 55.8 83.8#

154 394.0 62.4 93.6#





#55

4-Nitrophenol

Concen: 11.39 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.03 min

Lab File: BF087295.D

Acq: 22 May 2016 17:17

Instrument :

BNA_F

ClientSampleId :

MW-02

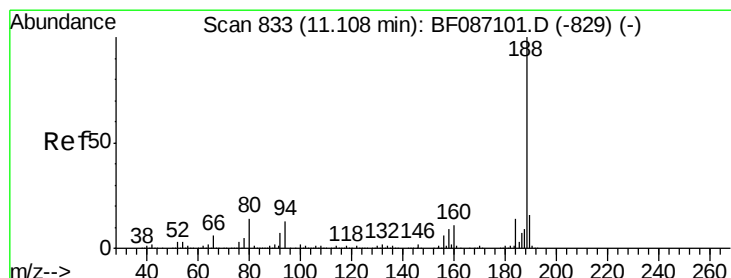
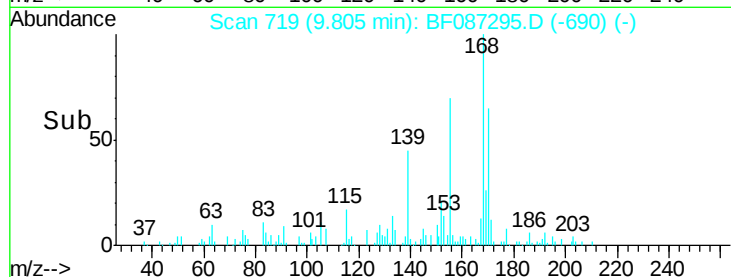
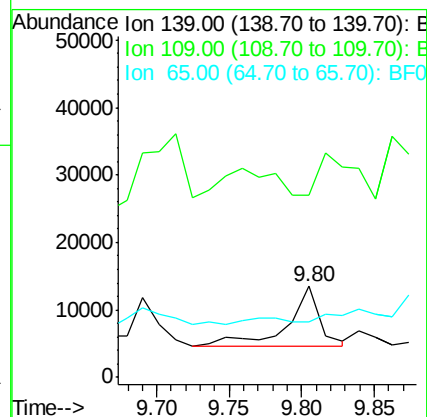
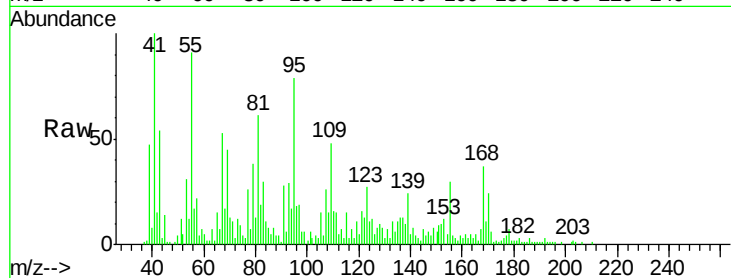
Tgt Ion:139 Resp: 13093

Ion Ratio Lower Upper

139 100

109 200.9 36.9 76.9#

65 61.0 64.0 104.0#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF087295.D

Acq: 22 May 2016 17:17

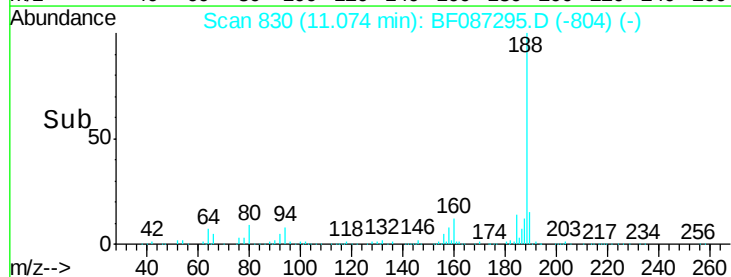
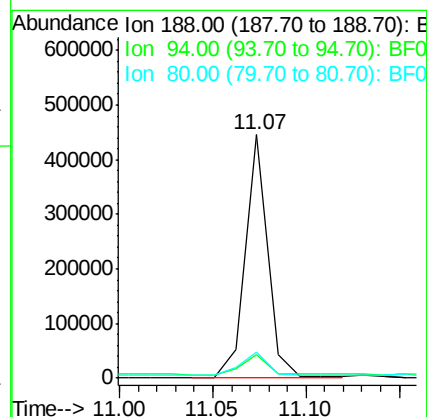
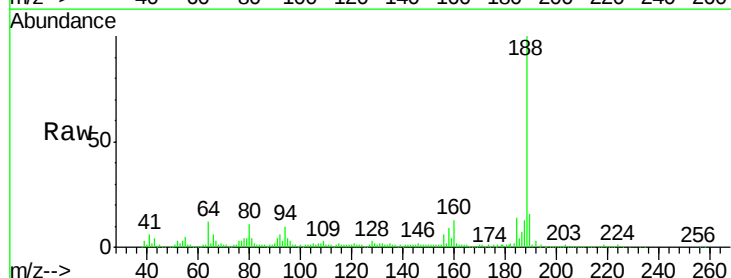
Tgt Ion:188 Resp: 373181

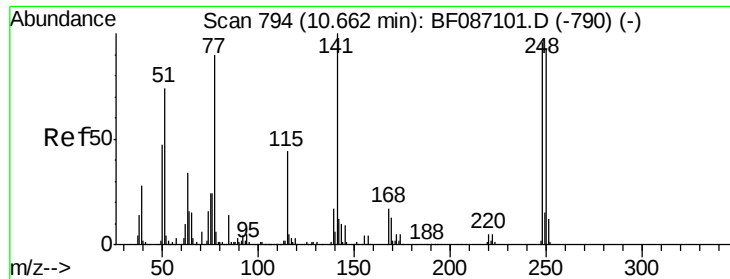
Ion Ratio Lower Upper

188 100

94 9.9 6.8 10.2

80 10.7 7.1 10.7#





#66

4-Bromophenyl-phenylether

Concen: 5.03 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.23 min

Lab File: BF087295.D

Acq: 22 May 2016 17:17

Instrument :

BNA_F

ClientSampleId :

MW-02

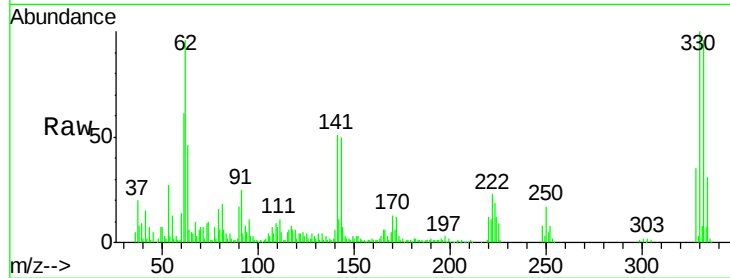
Tgt Ion:248 Resp: 19314

Ion Ratio Lower Upper

248 100

250 202.2 78.6 117.8#

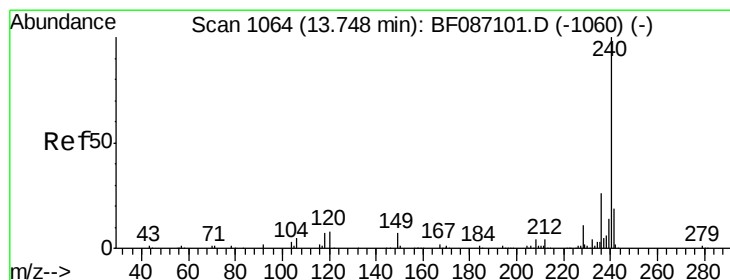
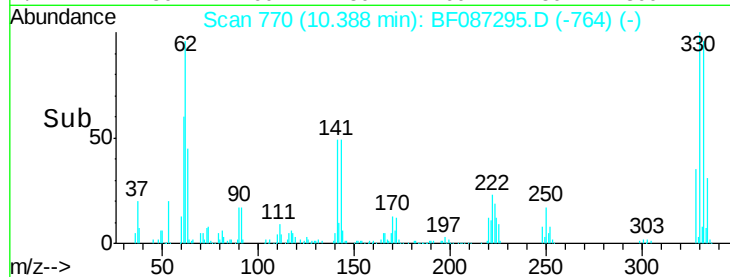
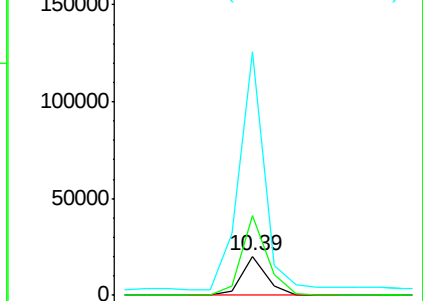
141 620.6 76.0 114.0#



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: 13.70 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF087295.D

Acq: 22 May 2016 17:17

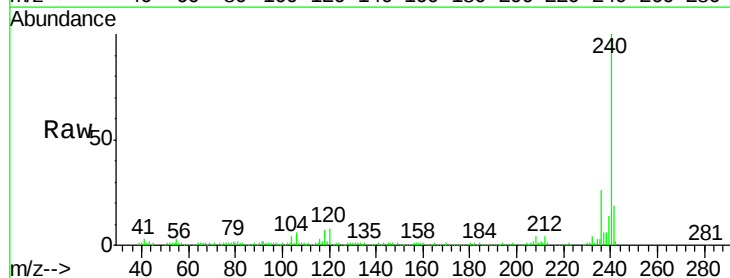
Tgt Ion:240 Resp: 257333

Ion Ratio Lower Upper

240 100

120 8.3 11.2 16.8#

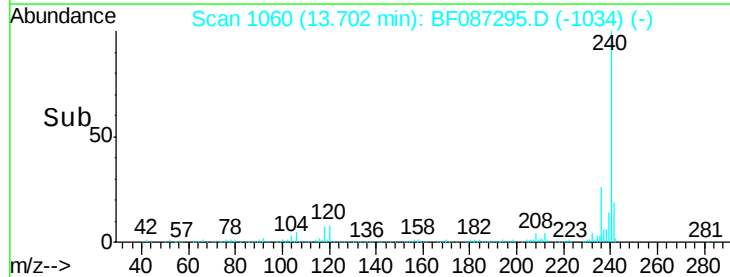
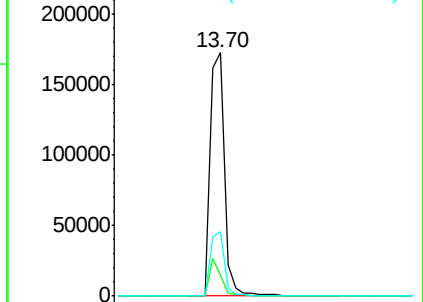
236 26.3 21.2 31.8

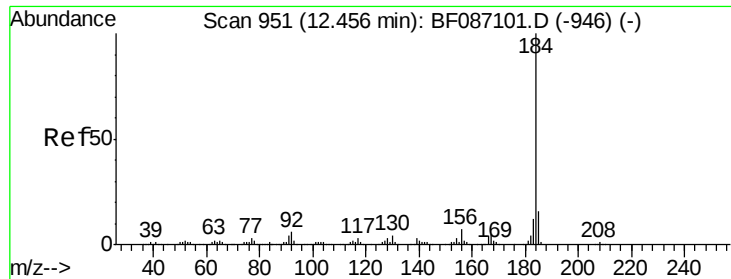


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.85 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.24 min

Lab File: BF087295.D

Acq: 22 May 2016 17:17

Instrument :

BNA_F

ClientSampleId :

MW-02

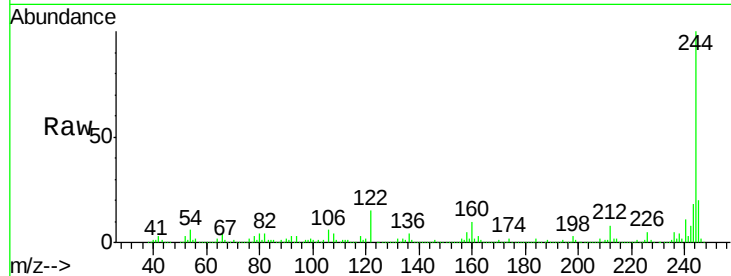
Tgt Ion:184 Resp: 18380

Ion Ratio Lower Upper

184 100

185 20.2 13.6 20.4

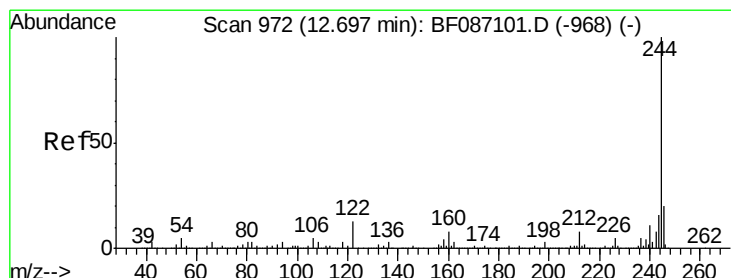
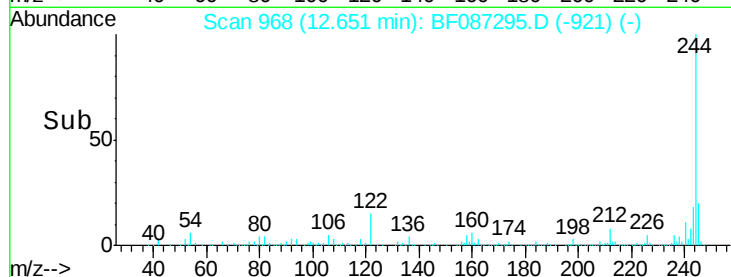
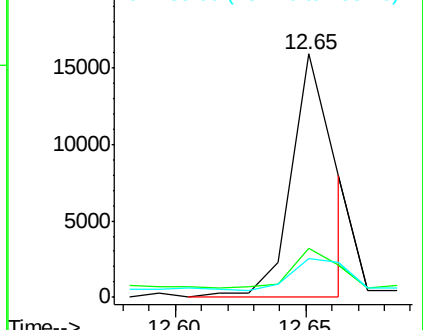
183 16.2 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 100.33 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087295.D

Acq: 22 May 2016 17:17

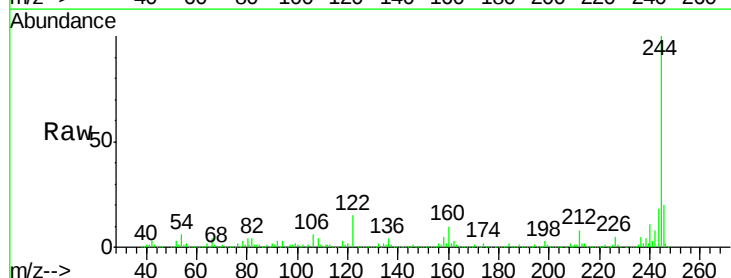
Tgt Ion:244 Resp: 1141326

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

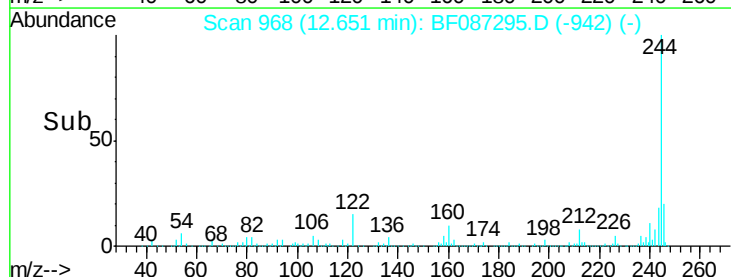
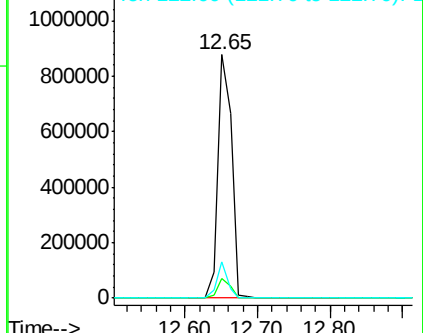
122 15.0 12.0 18.0

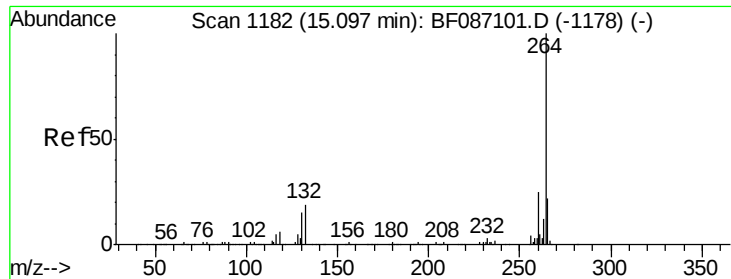


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.01 min
Lab File: BF087295.D
Acq: 22 May 2016 17:17

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion: 264 Resp: 218562
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 21.6 17.3 25.9

