

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
 Data File : BF087293.D
 Acq On : 22 May 2016 16:19
 Operator : UM/SJ
 Sample : H3172-09
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: May 23 03:38:50 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

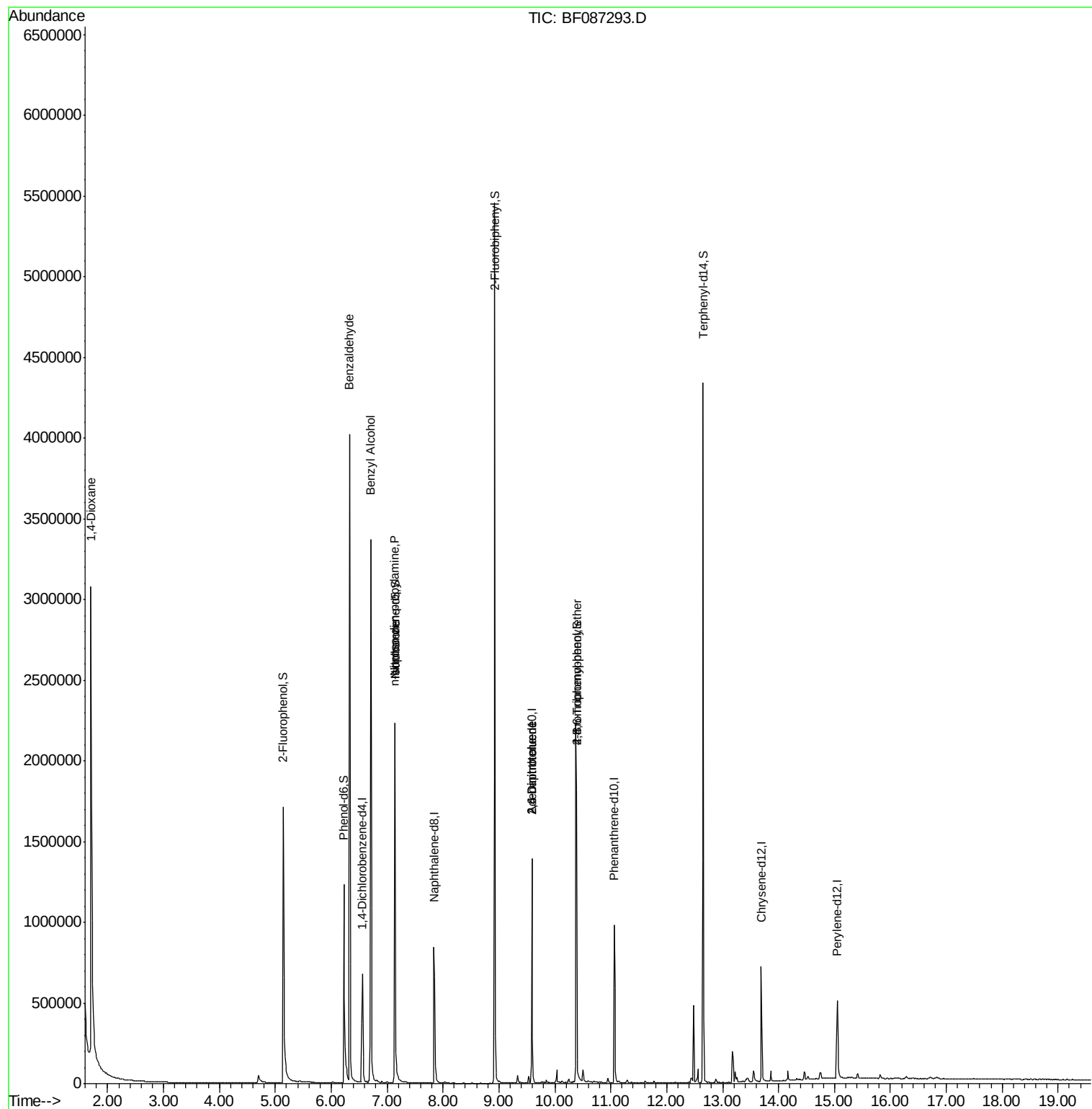
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	122339	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	543359	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	252805	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	438708	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	290045	20.00	ng	-0.01
86) Perylene-d12	15.05	264	234215	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	551989	75.84	ng	0.01
7) Phenol-d6	6.23	99	487230	49.91	ng	0.00
23) Nitrobenzene-d5	7.14	82	1074580	98.56	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	380037	136.04	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1622410	106.29	ng	0.00
78) Terphenyl-d14	12.65	244	1286100	100.30	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.70	88	106099	28.34	ng	# 22
9) Benzaldehyde	6.33	77	27449	3.91	ng	# 76
15) Benzyl Alcohol	6.71	79	16682	2.30	ng	# 41
19) n-Nitroso-di-n-propylamine	7.13	70	149801	20.19	ng	# 72
25) Isophorone	7.14	82	1059178	53.07	ng	# 68
50) 2,6-Dinitrotoluene	9.59	165	32417	7.74	ng	# 21
56) 2,4-Dinitrotoluene	9.59	165	32417	6.04	ng	# 16
66) 4-Bromophenyl-phenylether	10.39	248	23896	5.30	ng	# 1

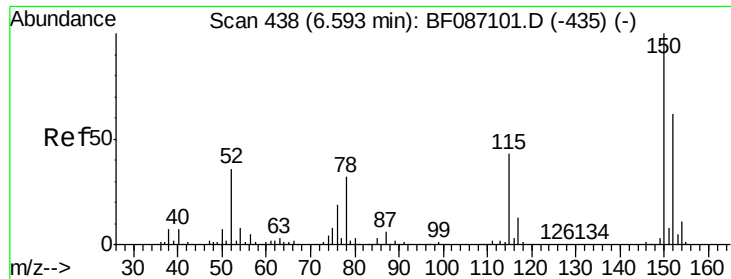
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
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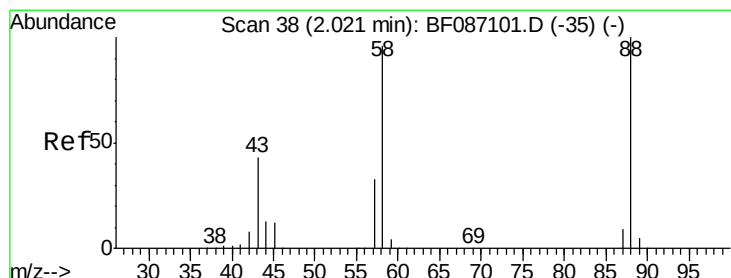
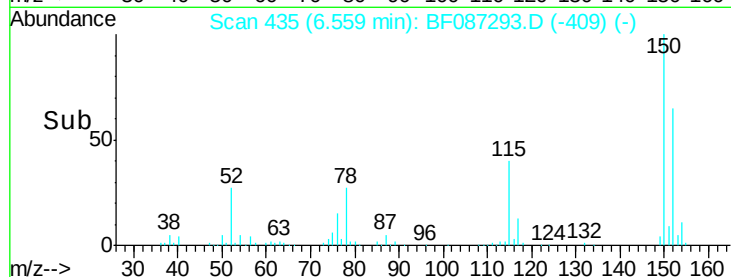
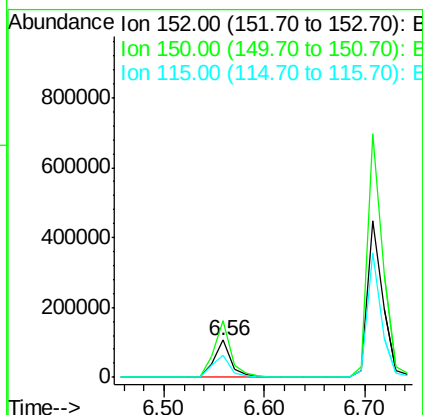
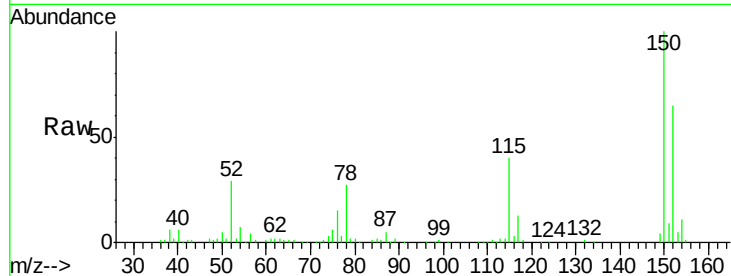


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087293.D
Acq: 22 May 2016 16:19

Instrument :
BNA_F
ClientSampleId :
MW-11

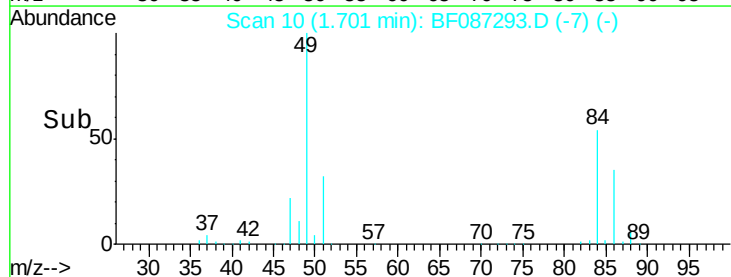
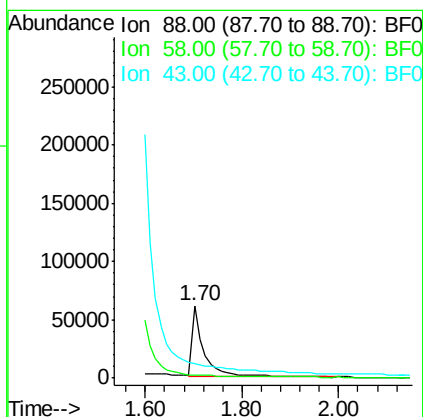
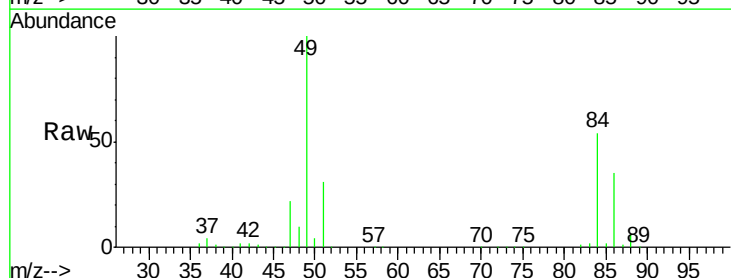
Tgt Ion:152 Resp: 122339
Ion Ratio Lower Upper
152 100
150 153.2 125.8 188.6
115 60.8 51.5 77.3

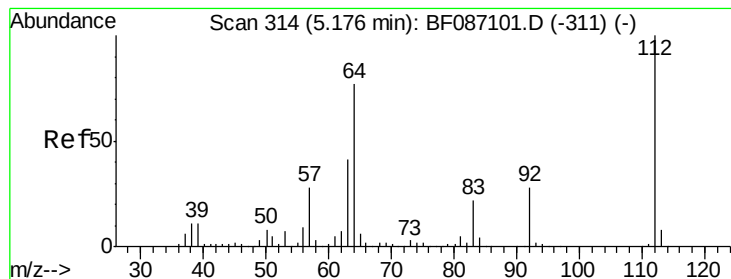


#2

1,4-Dioxane
Concen: 28.34 ng
RT: 1.70 min Scan# 10
Delta R.T. -0.26 min
Lab File: BF087293.D
Acq: 22 May 2016 16:19

Tgt Ion: 88 Resp: 106099
Ion Ratio Lower Upper
88 100
58 0.0 59.6 89.4#
43 0.0 21.8 32.6#





#5

2-Fluorophenol

Concen: 75.84 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF087293.D

Acq: 22 May 2016 16:19

Instrument :

BNA_F

ClientSampled :

MW-11

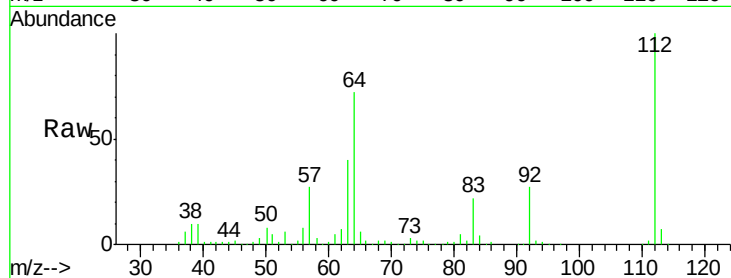
Tgt Ion: 112 Resp: 551989

Ion Ratio Lower Upper

112 100

64 72.2 52.1 78.1

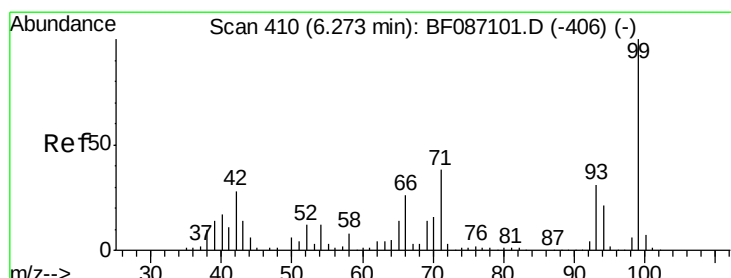
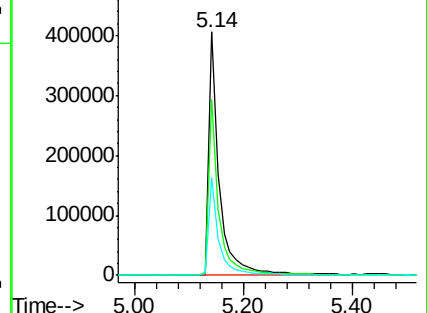
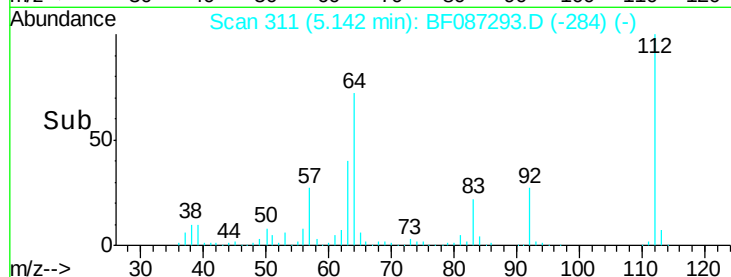
63 40.3 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 49.91 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF087293.D

Acq: 22 May 2016 16:19

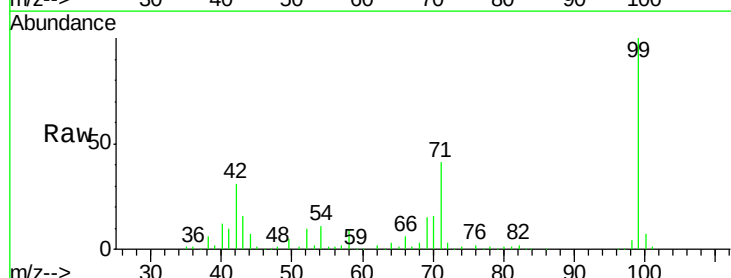
Tgt Ion: 99 Resp: 487230

Ion Ratio Lower Upper

99 100

42 30.8 13.6 20.4#

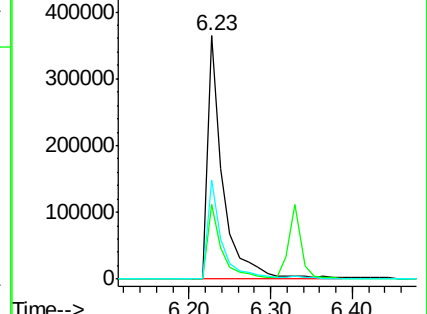
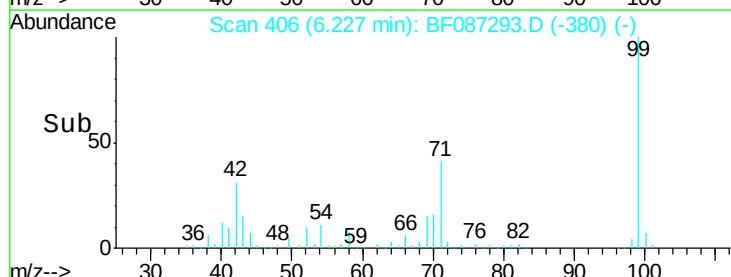
71 40.5 24.6 36.8#

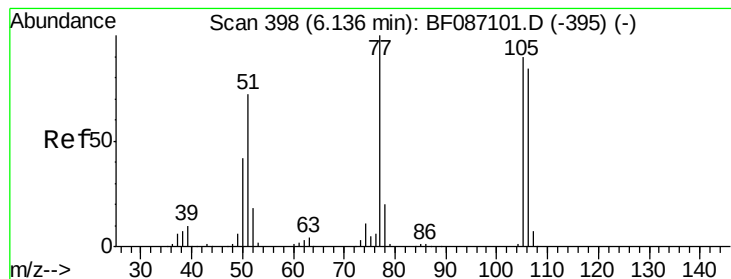


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 3.91 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF087293.D

Acq: 22 May 2016 16:19

Instrument :

BNA_F

ClientSampleId :

MW-11

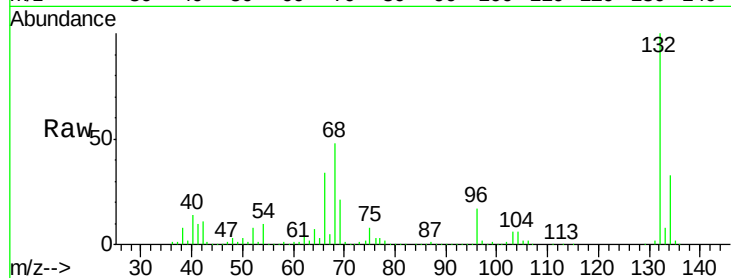
Tgt Ion: 77 Resp: 27449

Ion Ratio Lower Upper

77 100

105 72.2 72.7 112.7#

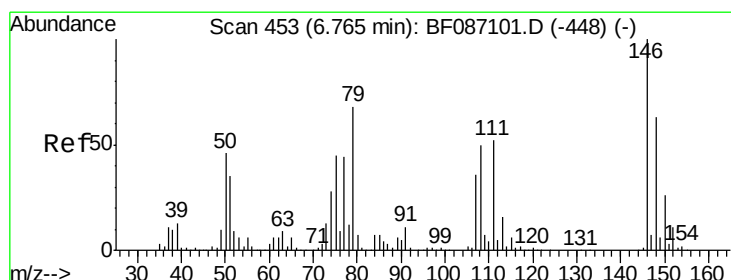
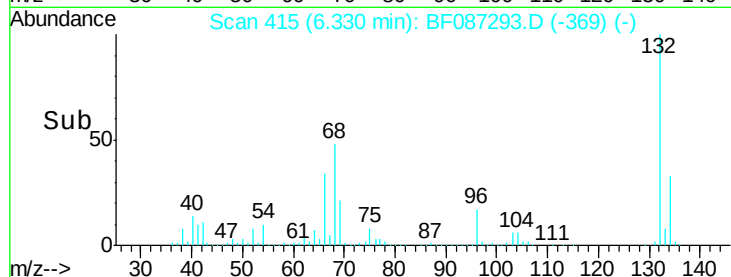
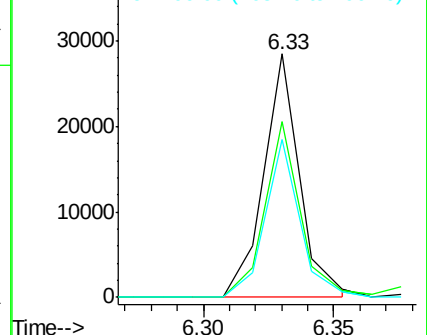
106 65.0 70.8 110.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF087293.D

Acq: 22 May 2016 16:19

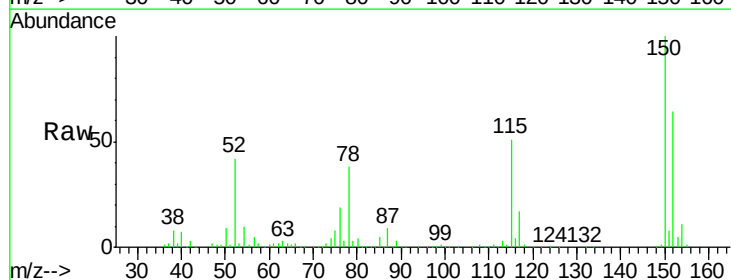
Tgt Ion: 79 Resp: 16682

Ion Ratio Lower Upper

79 100

108 28.9 68.4 102.6#

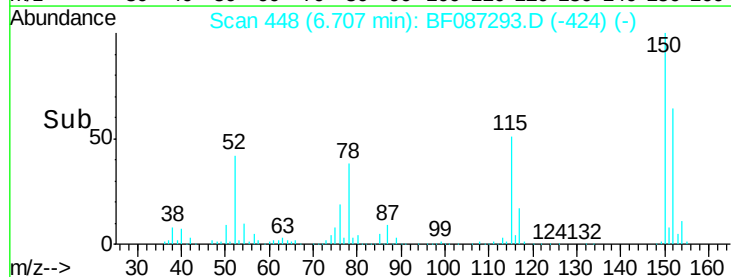
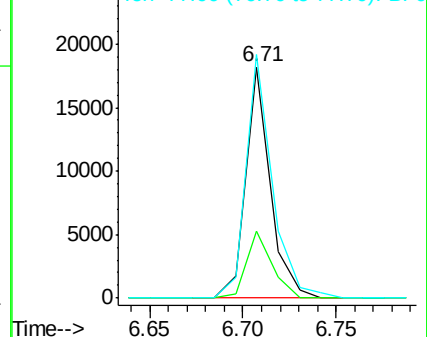
77 105.5 50.6 76.0#

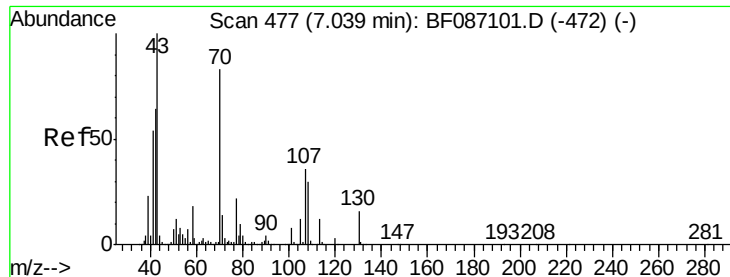


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

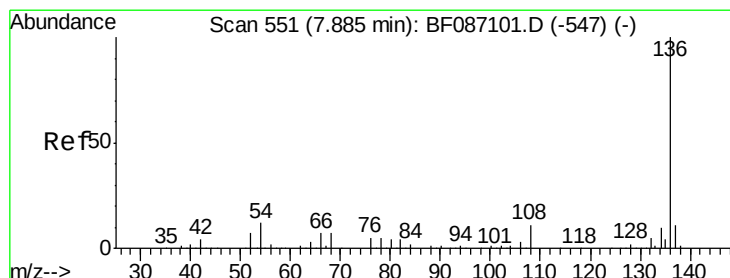
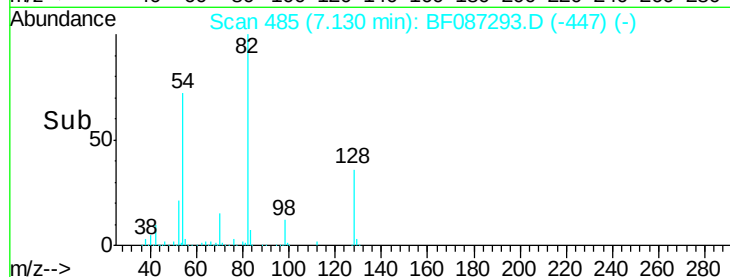
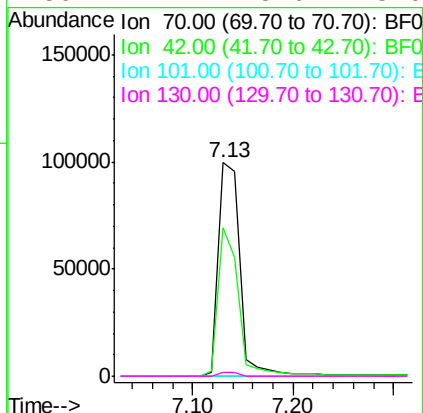
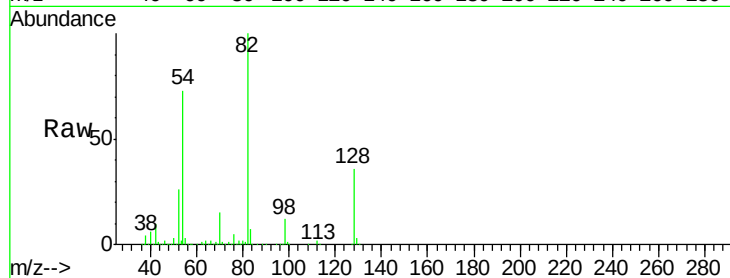




#19
n-Nitroso-di-n-propylamine
Concen: 20.19 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF087293.D
Acq: 22 May 2016 16:19

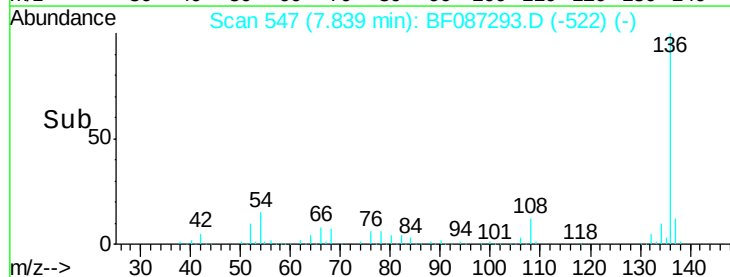
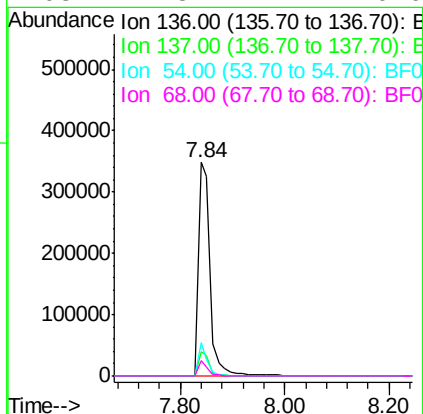
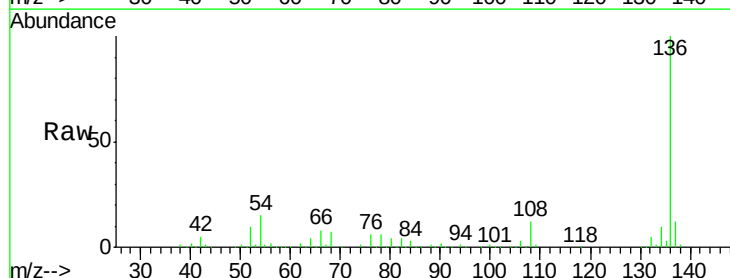
Instrument :
BNA_F
ClientSampleId :
MW-11

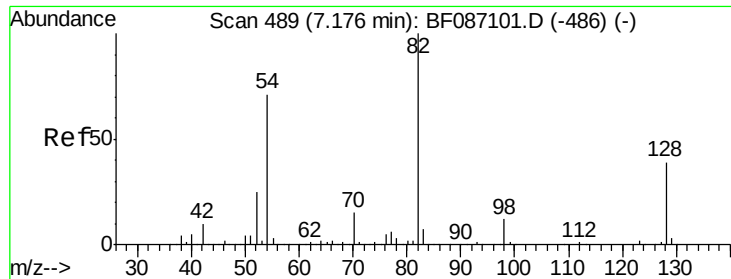
Tgt Ion: 70 Resp: 149801
Ion Ratio Lower Upper
70 100
42 69.3 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087293.D
Acq: 22 May 2016 16:19

Tgt Ion: 136 Resp: 543359
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 15.5 5.0 7.4#
68 7.3 4.4 6.6#

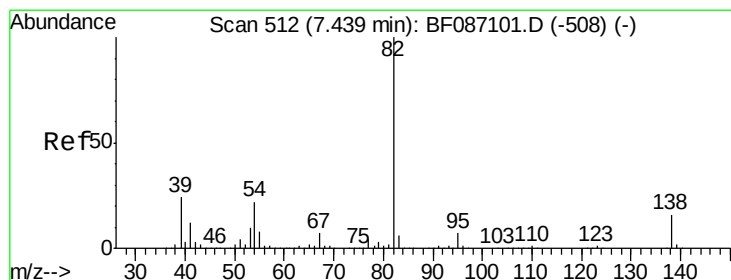
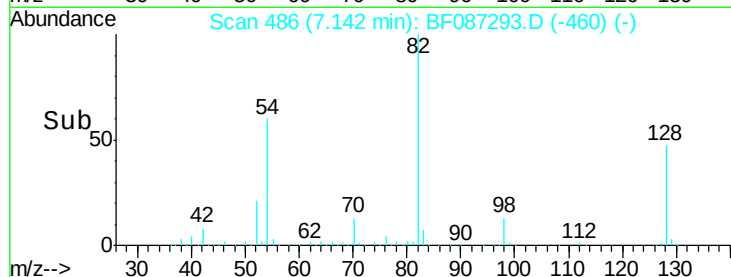
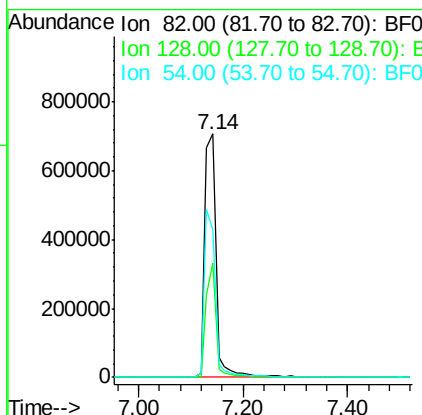
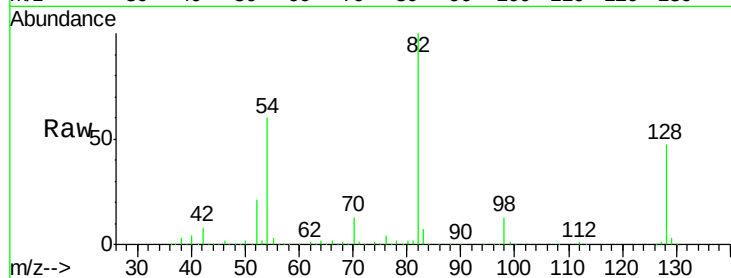




#23
 Nitrobenzene-d5
 Concen: 98.56 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF087293.D
 Acq: 22 May 2016 16:19

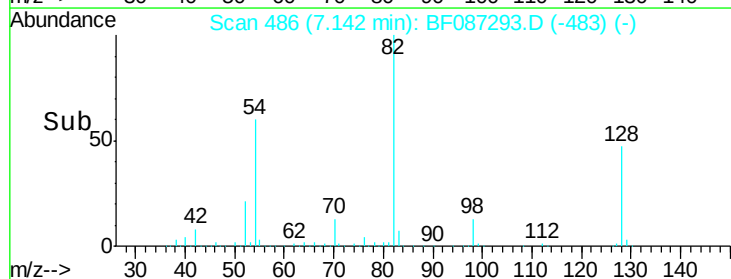
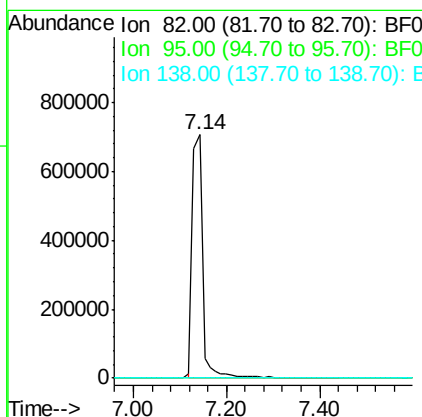
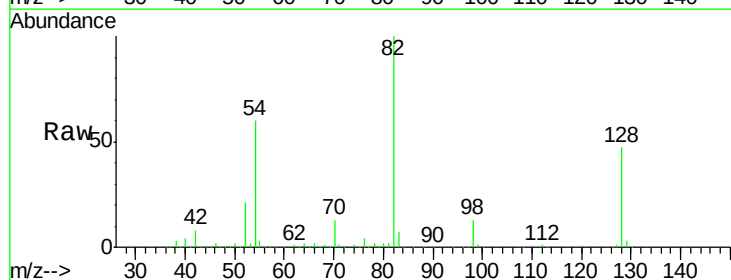
Instrument :
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 ClientSampleId :
 MW-11

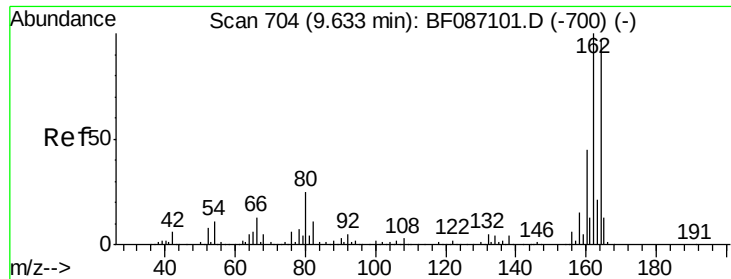
Tgt Ion: 82 Resp: 1074580
 Ion Ratio Lower Upper
 82 100
 128 47.2 40.6 61.0
 54 60.5 38.1 57.1#



#25
 Isophorone
 Concen: 53.07 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.26 min
 Lab File: BF087293.D
 Acq: 22 May 2016 16:19

Tgt Ion: 82 Resp: 1059178
 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: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF087293.D

Acq: 22 May 2016 16:19

Instrument :

BNA_F

ClientSampleId :

MW-11

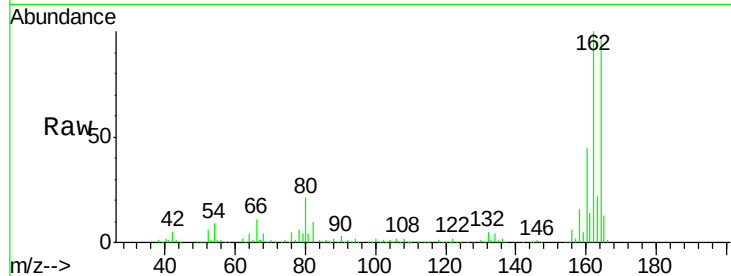
Tgt Ion:164 Resp: 252805

Ion Ratio Lower Upper

164 100

162 103.4 82.8 124.2

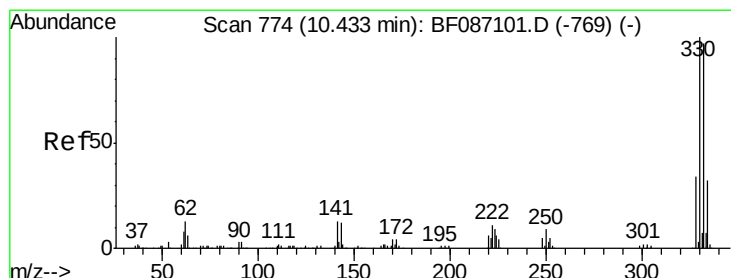
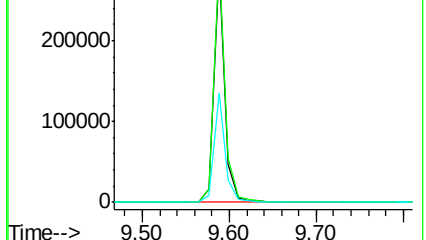
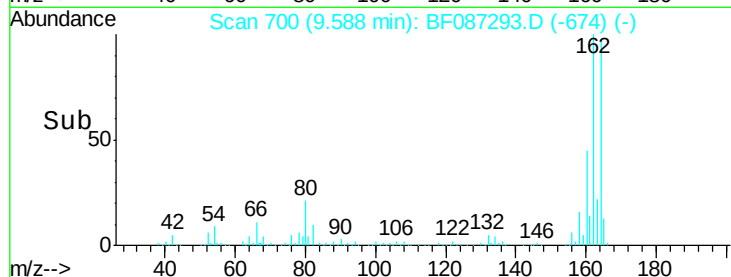
160 46.3 36.9 55.3



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: 136.04 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF087293.D

Acq: 22 May 2016 16:19

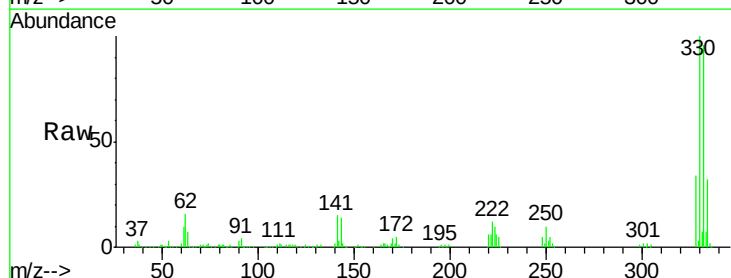
Tgt Ion:330 Resp: 380037

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

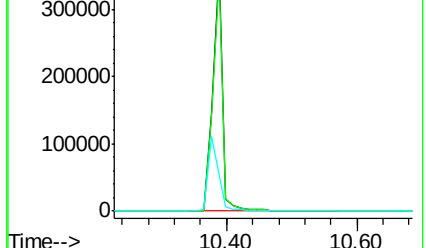
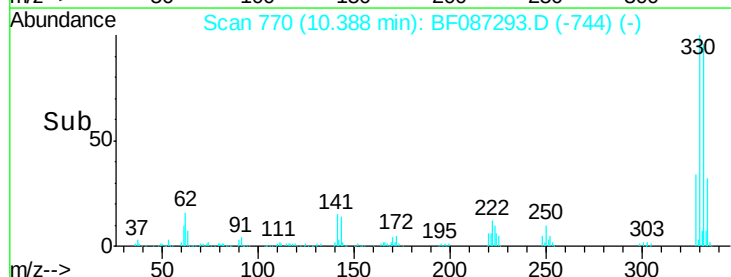
141 33.2 31.2 46.8

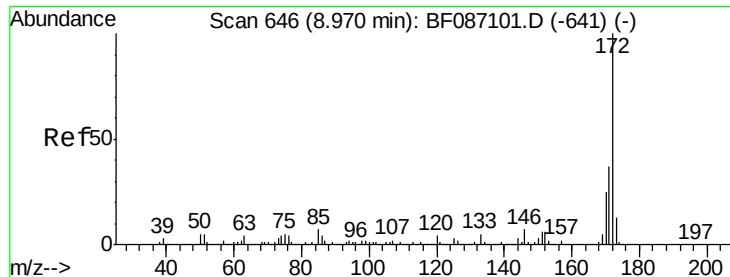


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

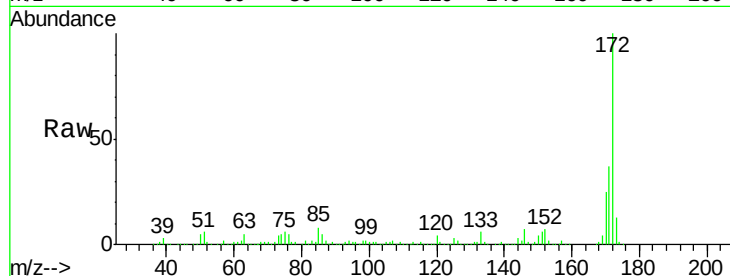




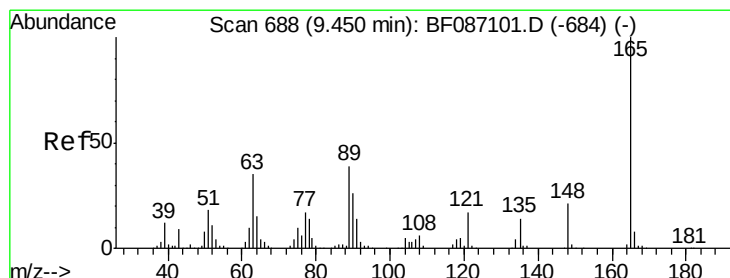
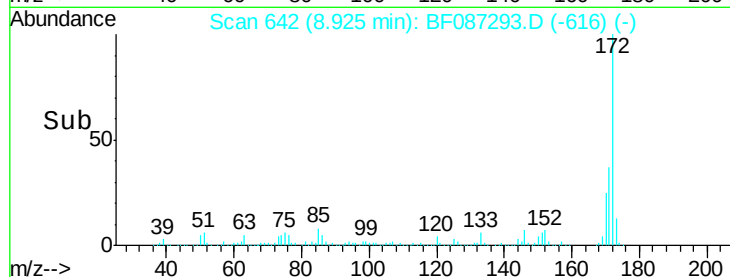
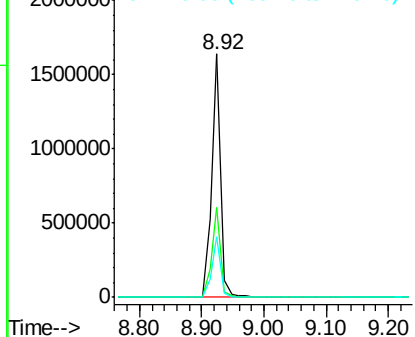
#44
 2-Fluorobiphenyl
 Concen: 106.29 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087293.D
 Acq: 22 May 2016 16:19

Instrument :
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Tgt Ion:172 Resp: 1622410
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 25.1 19.8 29.8

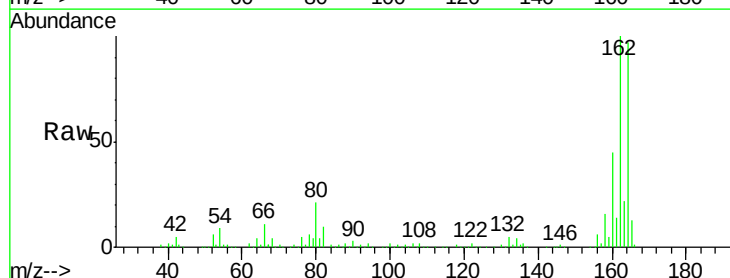


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

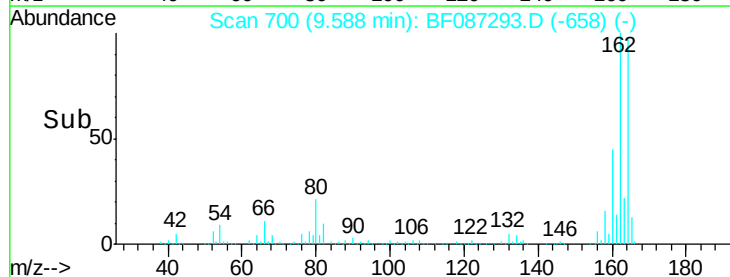
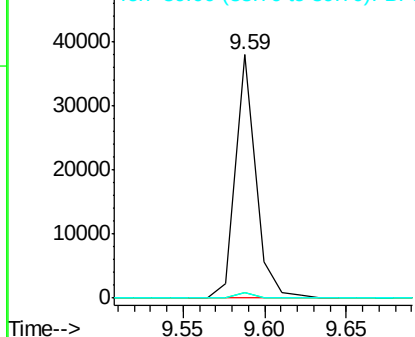


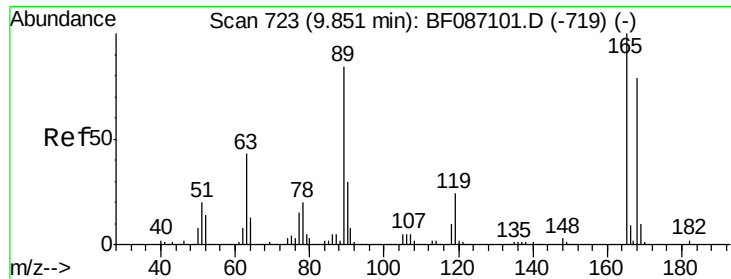
#50
 2,6-Dinitrotoluene
 Concen: 7.74 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.18 min
 Lab File: BF087293.D
 Acq: 22 May 2016 16:19

Tgt Ion:165 Resp: 32417
 Ion Ratio Lower Upper
 165 100
 63 2.3 51.8 77.8#
 89 2.2 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

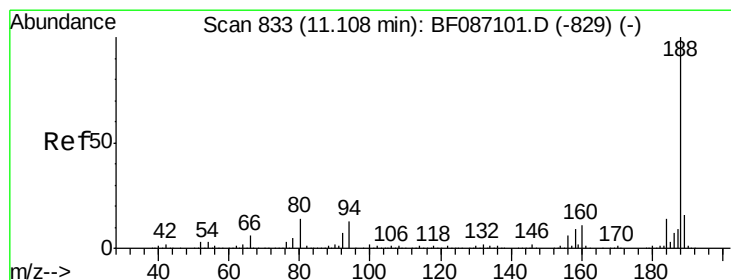
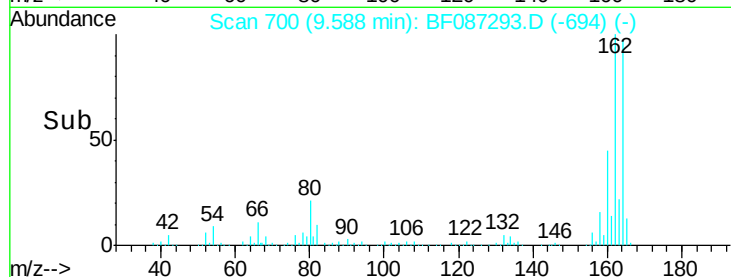
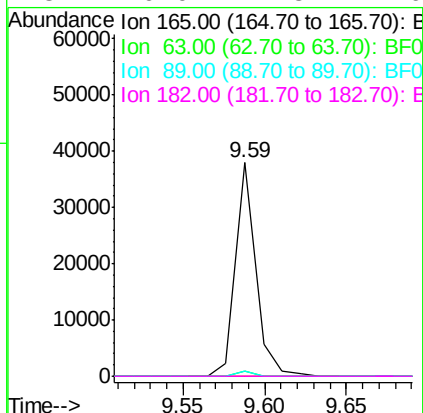
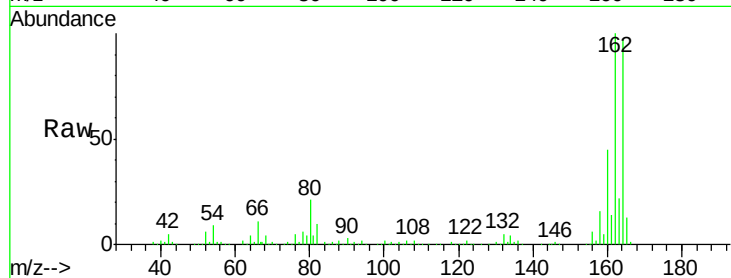




#56
 2,4-Dinitrotoluene
 Concen: 6.04 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.23 min
 Lab File: BF087293.D
 Acq: 22 May 2016 16:19

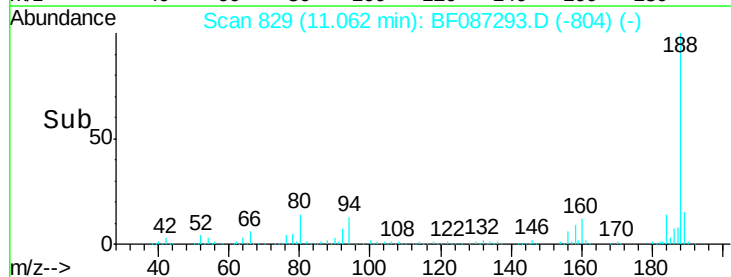
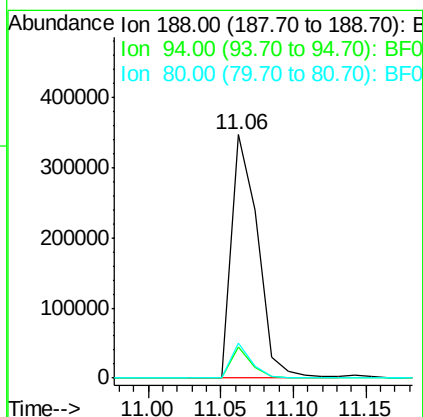
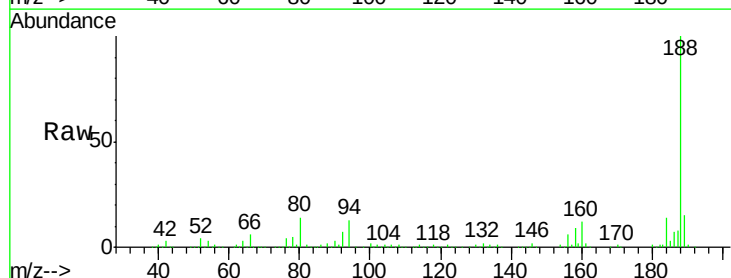
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

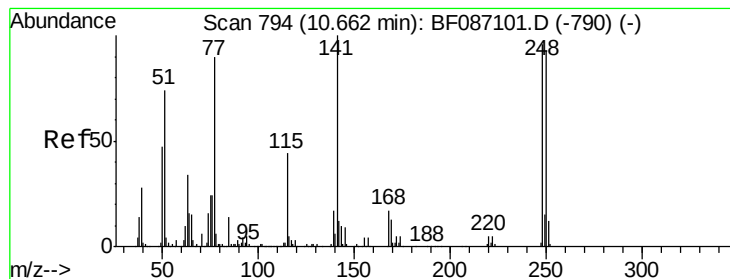
Tgt Ion:165 Resp: 32417
 Ion Ratio Lower Upper
 165 100
 63 2.3 44.3 66.5#
 89 2.2 70.0 105.0#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF087293.D
 Acq: 22 May 2016 16:19

Tgt Ion:188 Resp: 438708
 Ion Ratio Lower Upper
 188 100
 94 12.7 6.8 10.2#
 80 14.5 7.1 10.7#





#66

4-Bromophenyl-phenylether

Concen: 5.30 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.23 min

Lab File: BF087293.D

Acq: 22 May 2016 16:19

Instrument :

BNA_F

ClientSampleId :

MW-11

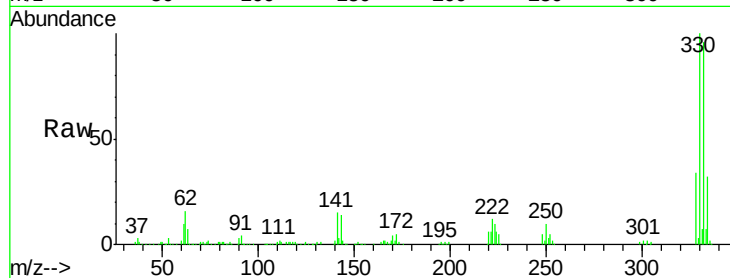
Tgt Ion:248 Resp: 23896

Ion Ratio Lower Upper

248 100

250 203.1 78.6 117.8#

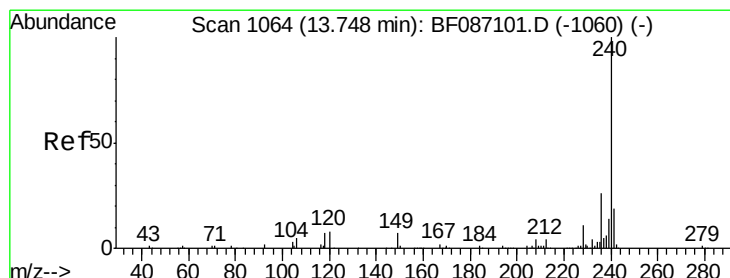
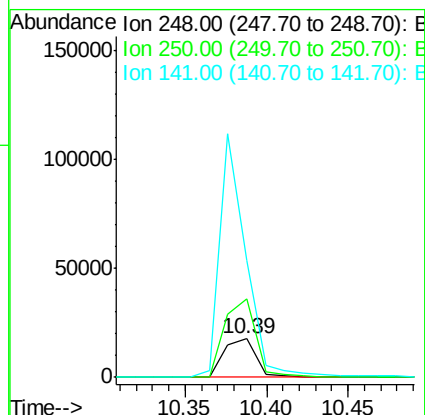
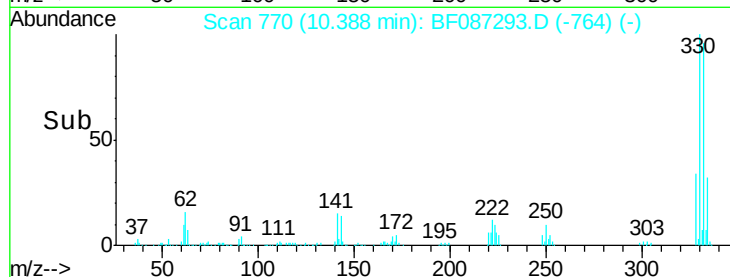
141 302.6 76.0 114.0#



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: 13.69 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF087293.D

Acq: 22 May 2016 16:19

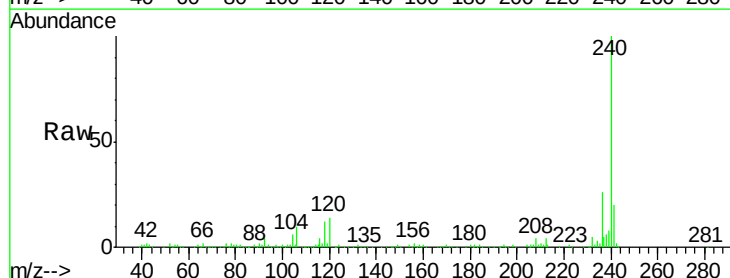
Tgt Ion:240 Resp: 290045

Ion Ratio Lower Upper

240 100

120 14.0 11.2 16.8

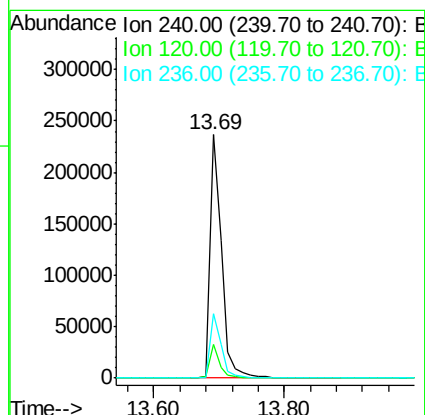
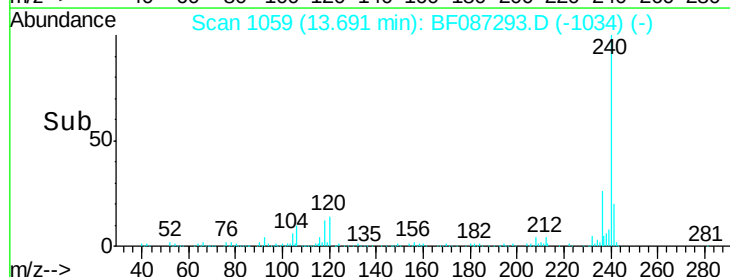
236 26.4 21.2 31.8

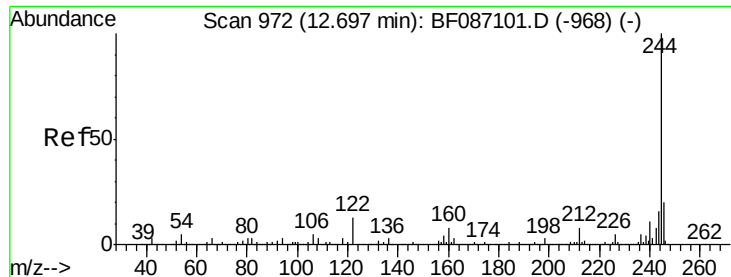


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.30 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087293.D

Acq: 22 May 2016 16:19

Instrument :

BNA_F

ClientSampleId :

MW-11

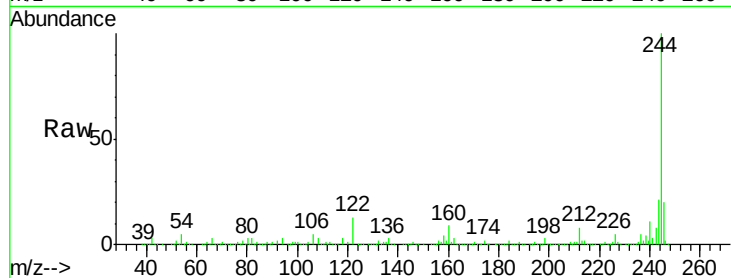
Tgt Ion:244 Resp: 1286100

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

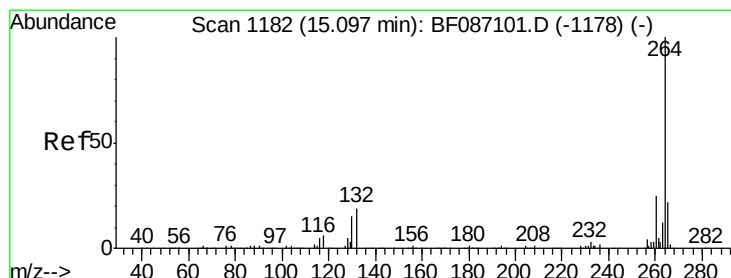
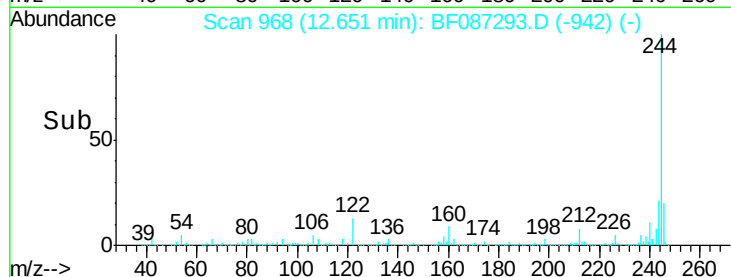
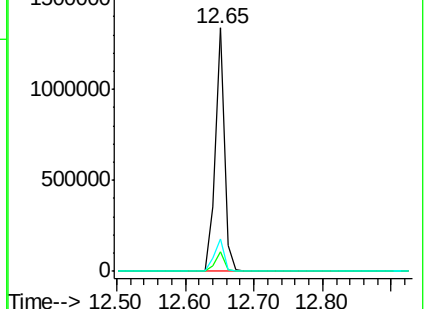
122 13.1 12.0 18.0



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: BF087293.D

Acq: 22 May 2016 16:19

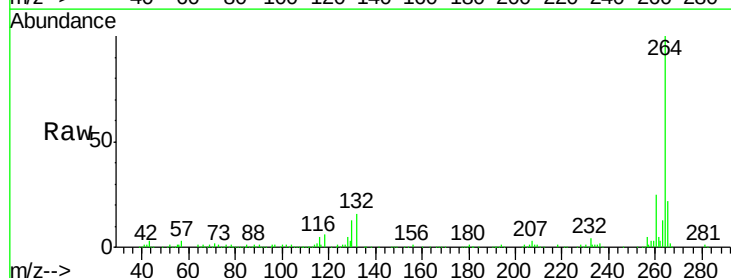
Tgt Ion:264 Resp: 234215

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.6 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

