

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
 Data File : BF087285.D
 Acq On : 22 May 2016 12:27
 Operator : UM/SJ
 Sample : H3172-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: May 23 03:37:01 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	130363	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	549628	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	264433	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	430630	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	299052	20.00	ng	-0.01
86) Perylene-d12	15.05	264	237654	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	540457	69.68	ng	0.01
7) Phenol-d6	6.23	99	464748	44.68	ng	0.00
23) Nitrobenzene-d5	7.14	82	1111423	100.78	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	377733	129.27	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1593728	99.82	ng	0.00
78) Terphenyl-d14	12.65	244	1273602	96.34	ng	0.00

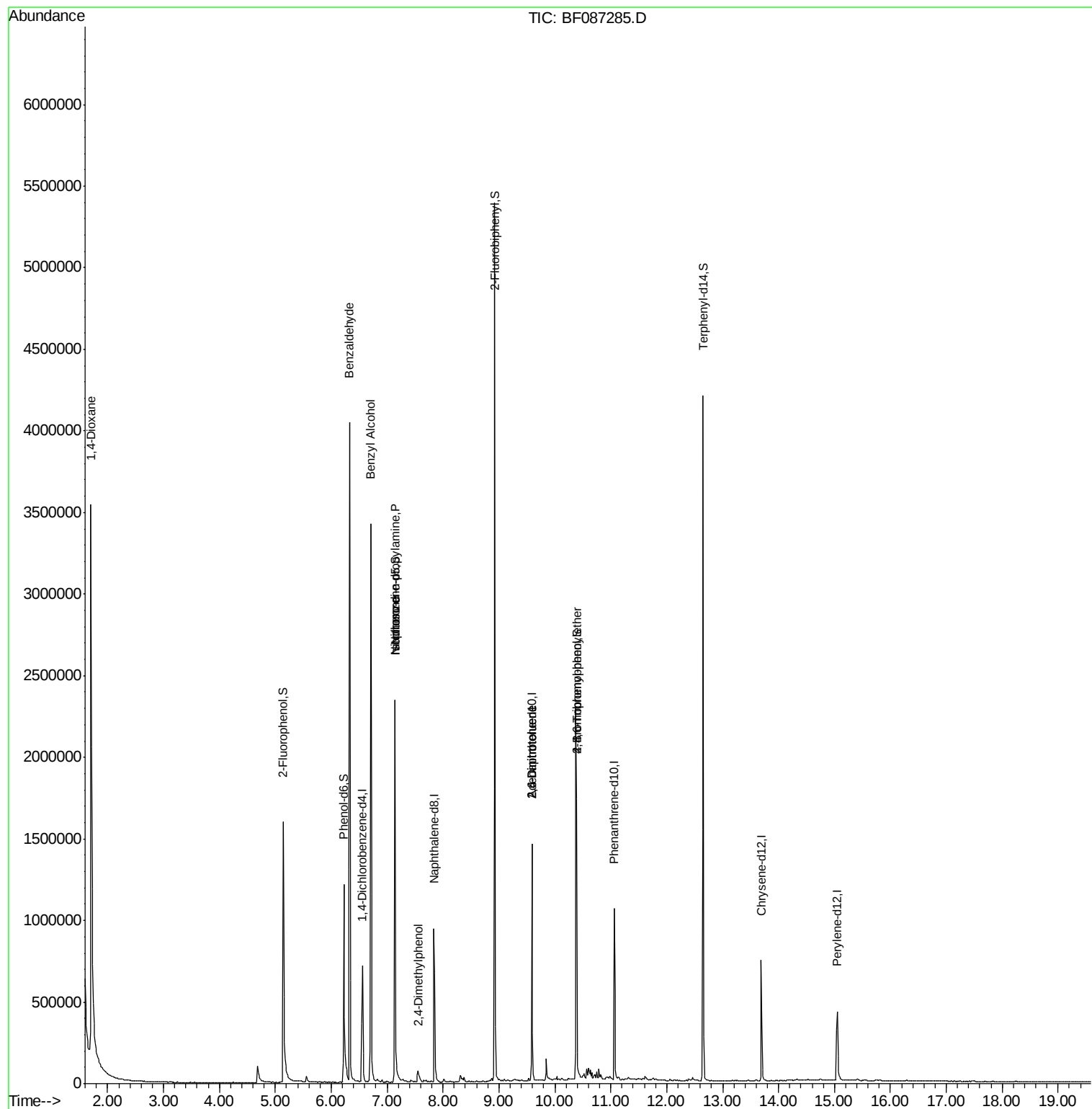
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.70	88	130241	32.64	ng	# 22
9) Benzaldehyde	6.33	77	29055	3.89	ng	# 76
15) Benzyl Alcohol	6.71	79	16653	2.15	ng	# 42
19) n-Nitroso-di-n-propylamine	7.14	70	157321	19.90	ng	# 84
25) Isophorone	7.14	82	1091211	54.05	ng	# 68
27) 2,4-Dimethylphenol	7.55	122	28083	3.30	ng	# 92
50) 2,6-Dinitrotoluene	9.59	165	33932	7.75	ng	# 21
55) 4-Nitrophenol	9.92	139	314	Below Cal		# 31
56) 2,4-Dinitrotoluene	9.59	165	33933	6.05	ng	# 16
66) 4-Bromophenyl-phenylether	10.39	248	24600	5.56	ng	# 1

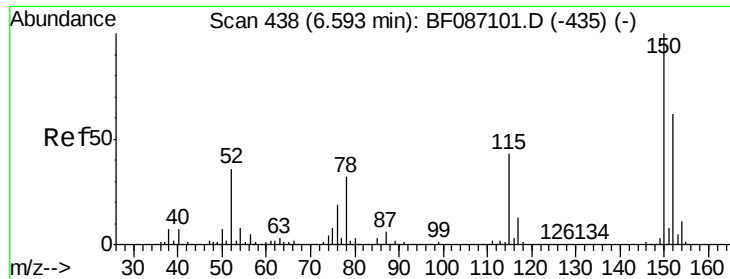
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087285.D

Acq: 22 May 2016 12:27

Instrument :

BNA_F

ClientSampled :

MW-16

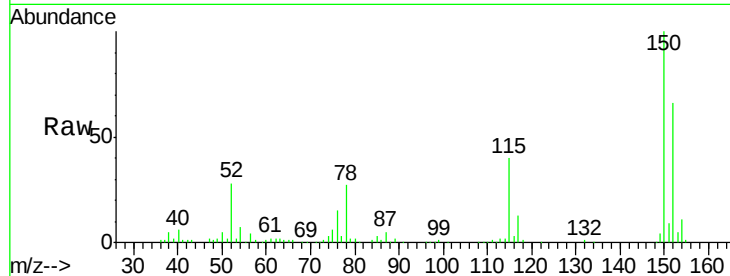
Tgt Ion:152 Resp: 130363

Ion Ratio Lower Upper

152 100

150 152.1 125.8 188.6

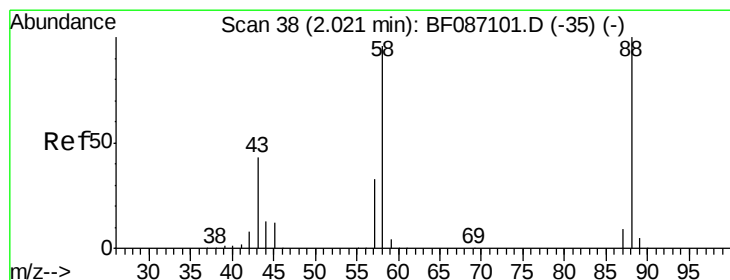
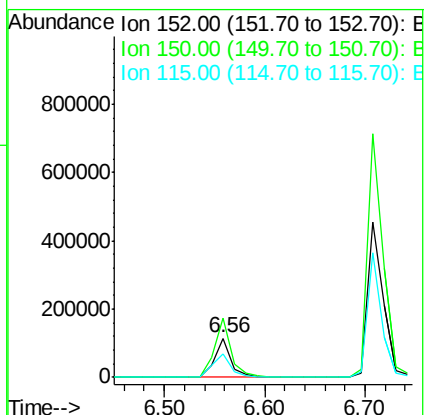
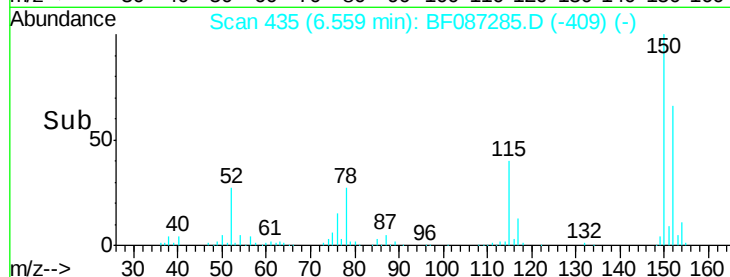
115 60.3 51.5 77.3



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



#2

1,4-Dioxane

Concen: 32.64 ng

RT: 1.70 min Scan# 10

Delta R.T. -0.26 min

Lab File: BF087285.D

Acq: 22 May 2016 12:27

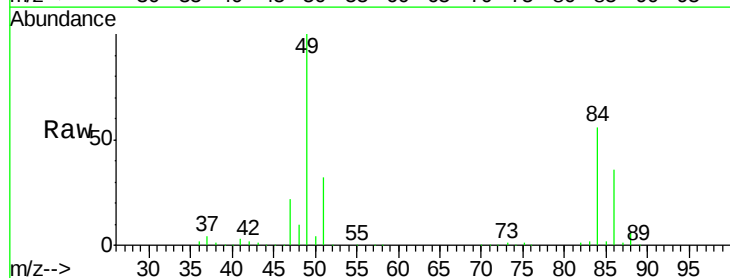
Tgt Ion: 88 Resp: 130241

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

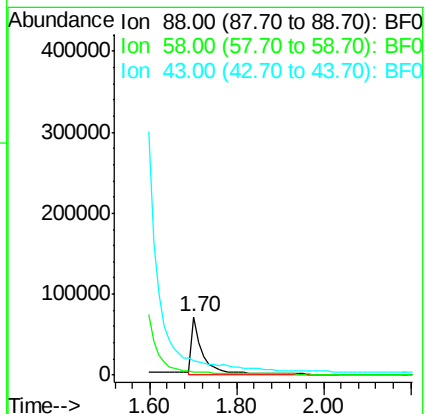
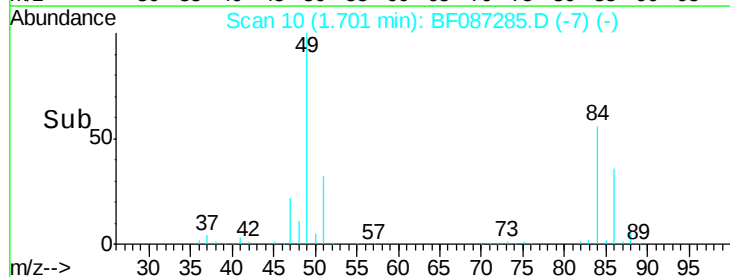
43 0.0 21.8 32.6#

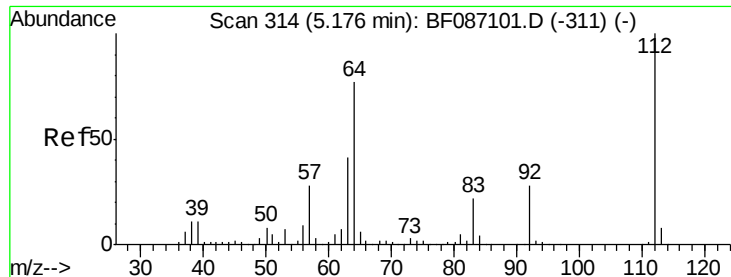


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

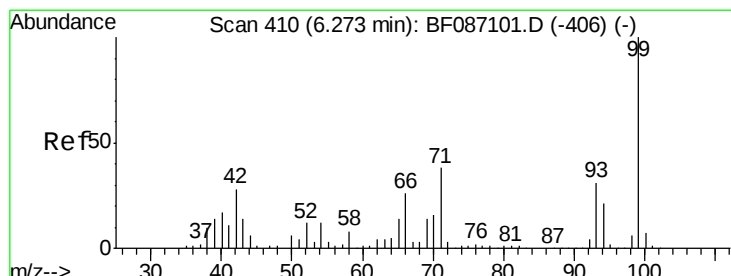
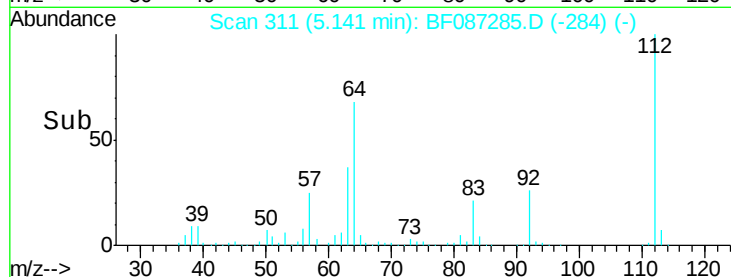
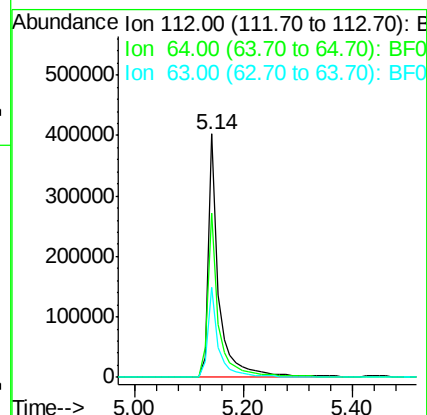
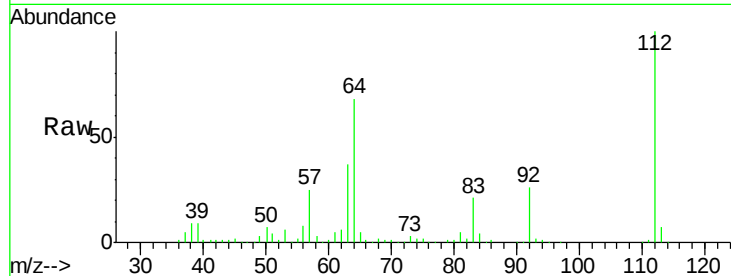




#5
 2-Fluorophenol
 Concen: 69.68 ng
 RT: 5.14 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: BF087285.D
 Acq: 22 May 2016 12:27

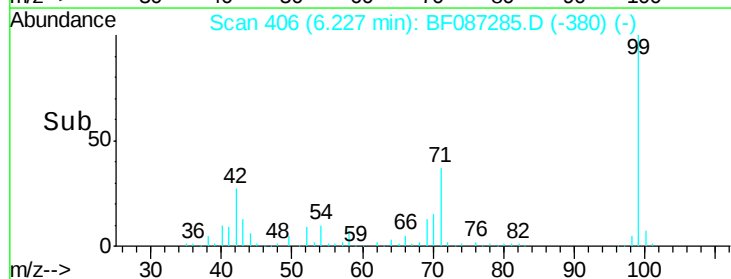
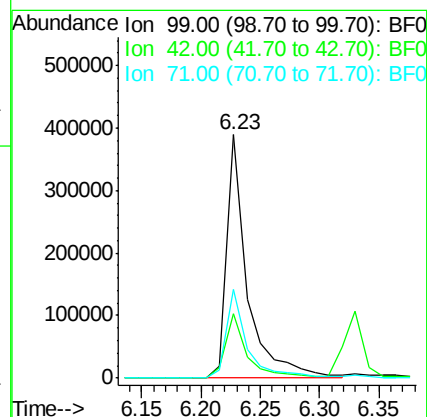
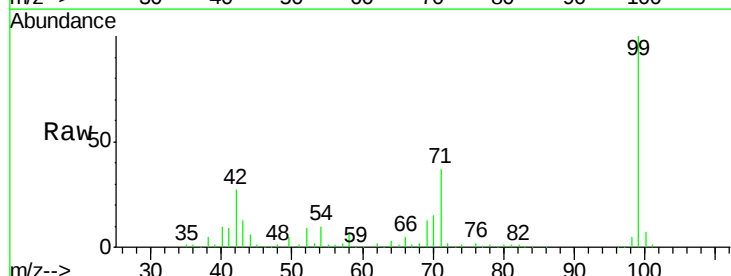
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 BNA_F
 ClientSampled :
 MW-16

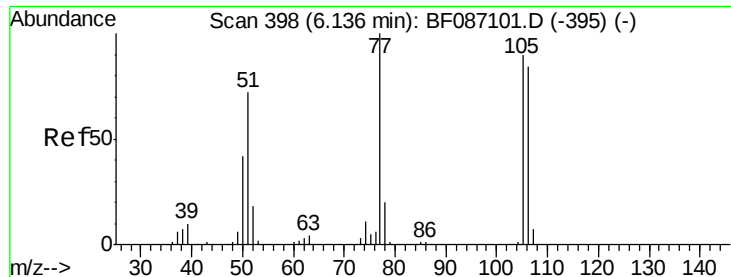
Tgt Ion: 112 Resp: 540457
 Ion Ratio Lower Upper
 112 100
 64 67.6 52.1 78.1
 63 37.0 25.7 38.5



#7
 Phenol-d6
 Concen: 44.68 ng
 RT: 6.23 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF087285.D
 Acq: 22 May 2016 12:27

Tgt Ion: 99 Resp: 464748
 Ion Ratio Lower Upper
 99 100
 42 26.6 13.6 20.4#
 71 36.7 24.6 36.8





#9

Benzaldehyde

Concen: 3.89 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF087285.D

Acq: 22 May 2016 12:27

Instrument :

BNA_F

ClientSampleId :

MW-16

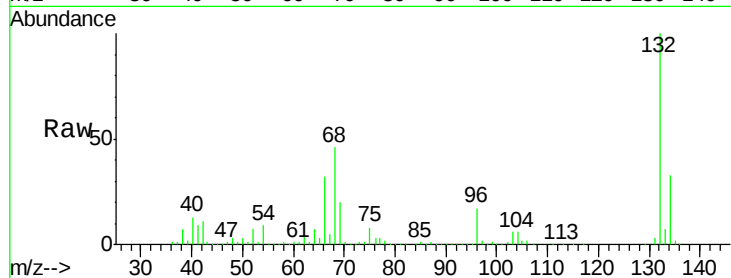
Tgt Ion: 77 Resp: 29055

Ion Ratio Lower Upper

77 100

105 72.9 72.7 112.7

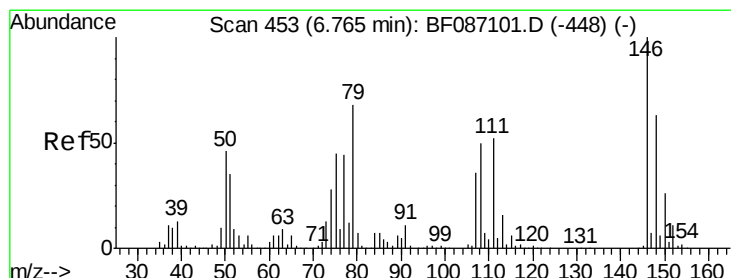
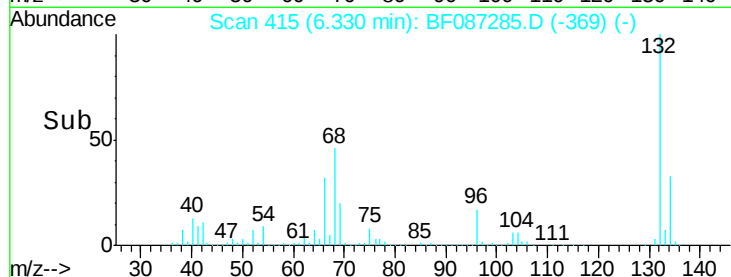
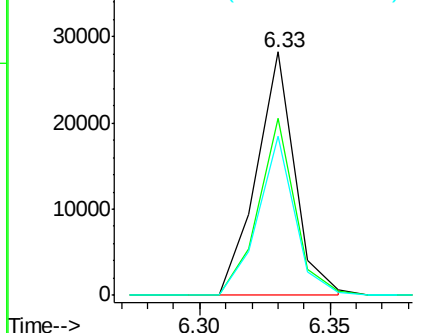
106 65.5 70.8 110.8#



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: 2.15 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF087285.D

Acq: 22 May 2016 12:27

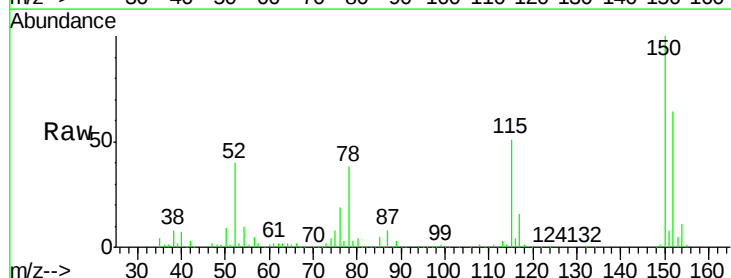
Tgt Ion: 79 Resp: 16653

Ion Ratio Lower Upper

79 100

108 28.4 68.4 102.6#

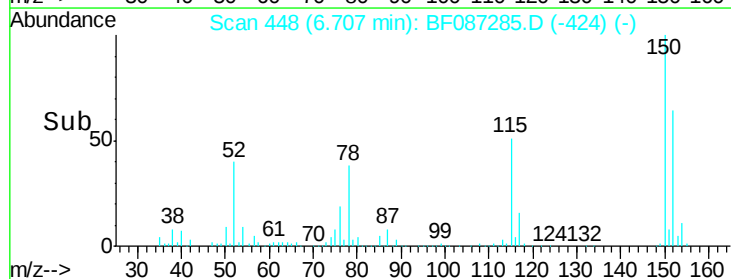
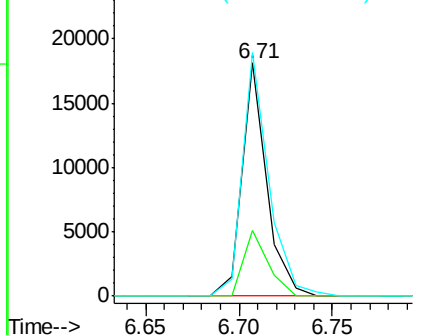
77 104.4 50.6 76.0#

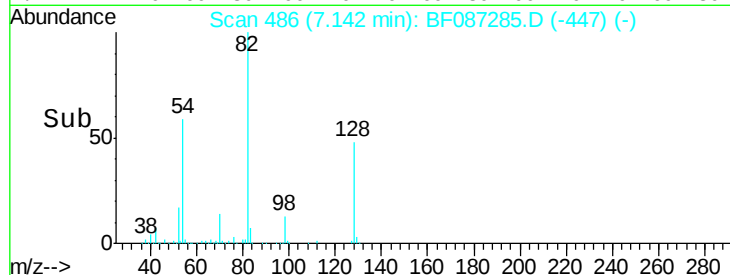
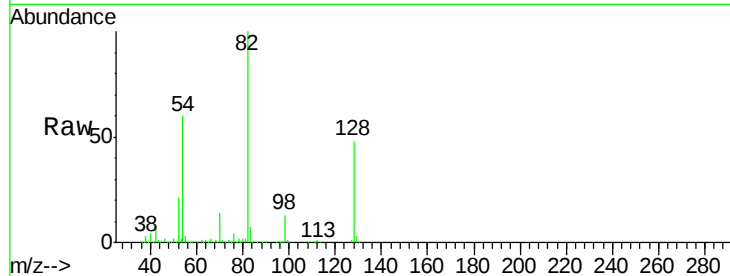
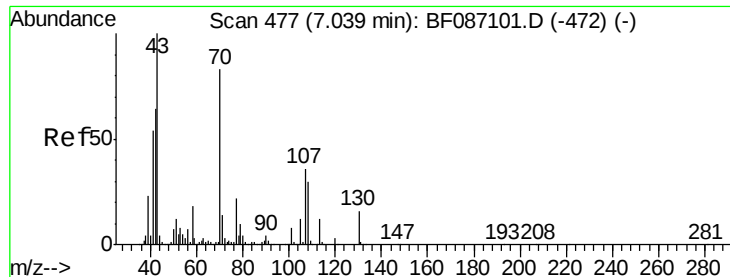


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

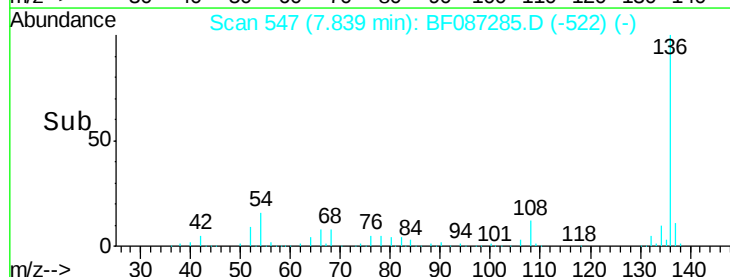
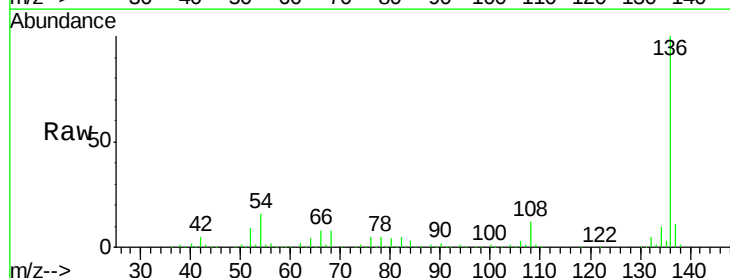
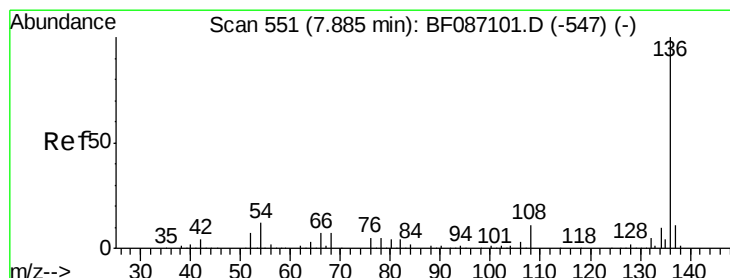
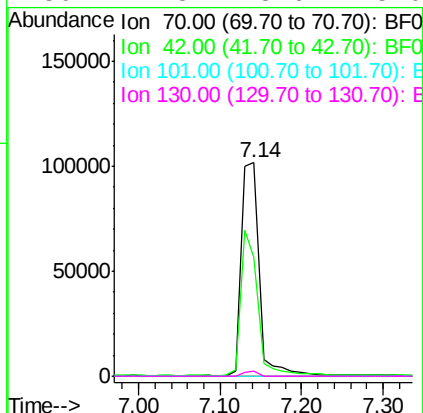




#19
n-Nitroso-di-n-propylamine
Concen: 19.90 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.15 min
Lab File: BF087285.D
Acq: 22 May 2016 12:27

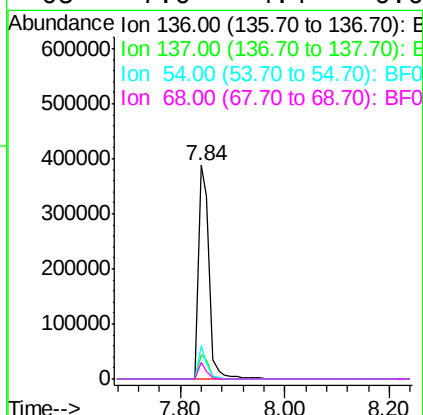
Instrument :
BNA_F
ClientSampleId :
MW-16

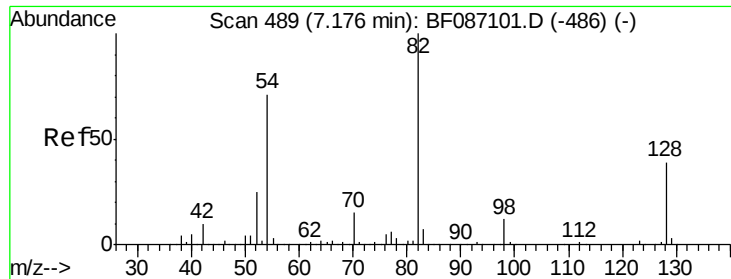
Tgt Ion: 70 Resp: 157321
Ion Ratio Lower Upper
70 100
42 55.8 43.1 64.7
101 0.0 8.1 12.1#
130 2.3 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087285.D
Acq: 22 May 2016 12:27

Tgt Ion: 136 Resp: 549628
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 15.7 5.0 7.4#
68 7.6 4.4 6.6#

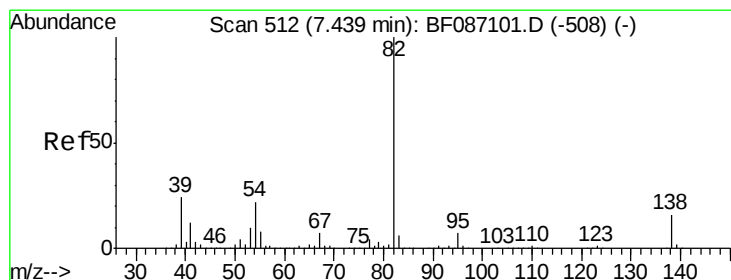
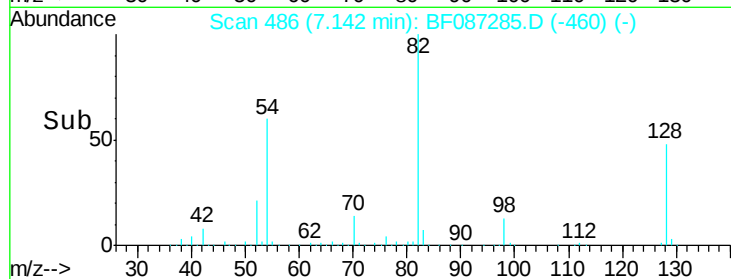
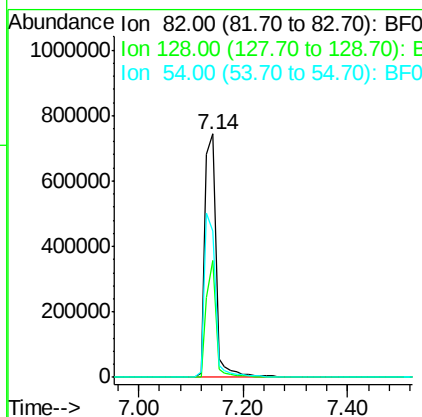
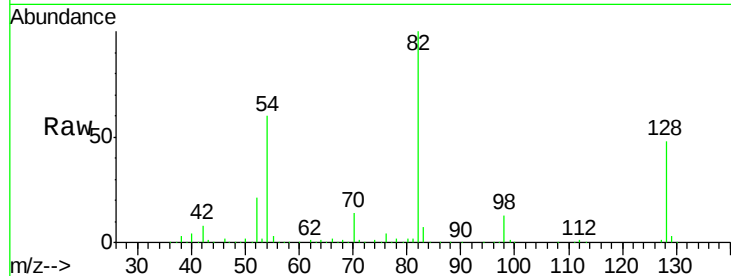




#23
 Nitrobenzene-d5
 Concen: 100.78 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF087285.D
 Acq: 22 May 2016 12:27

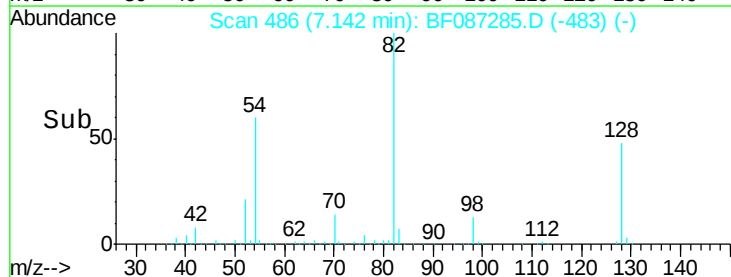
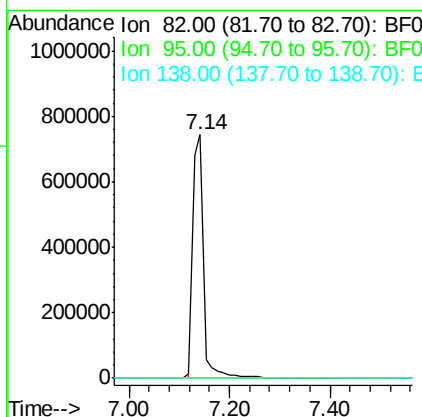
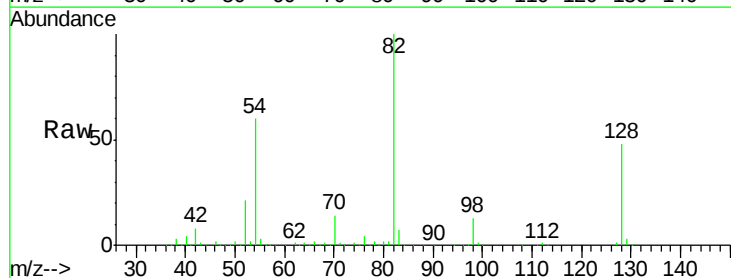
Instrument :
 BNA_F
 ClientSampleId :
 MW-16

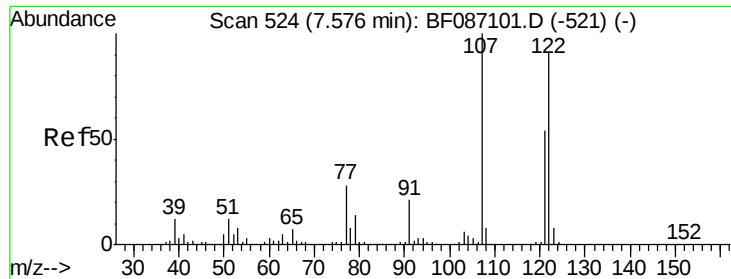
Tgt Ion: 82 Resp: 1111423
 Ion Ratio Lower Upper
 82 100
 128 48.2 40.6 61.0
 54 60.1 38.1 57.1#



#25
 Isophorone
 Concen: 54.05 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.26 min
 Lab File: BF087285.D
 Acq: 22 May 2016 12:27

Tgt Ion: 82 Resp: 1091211
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

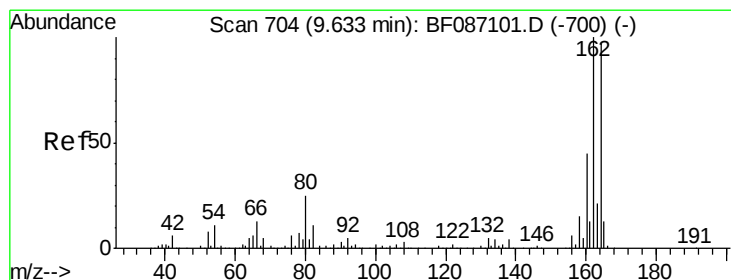
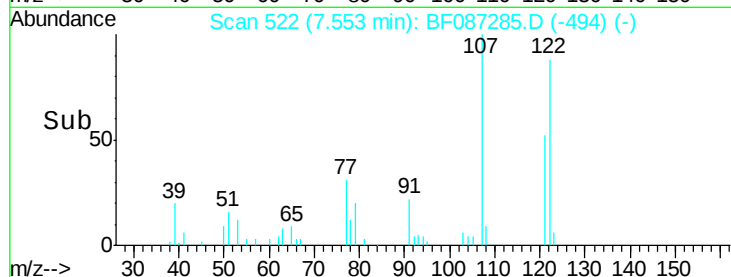
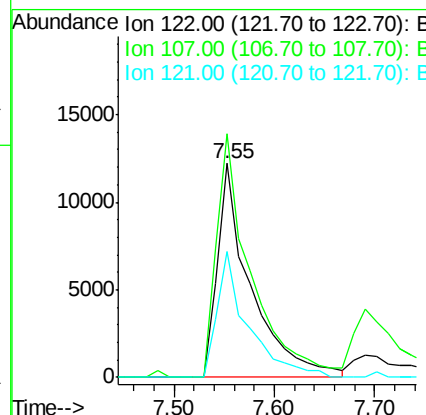
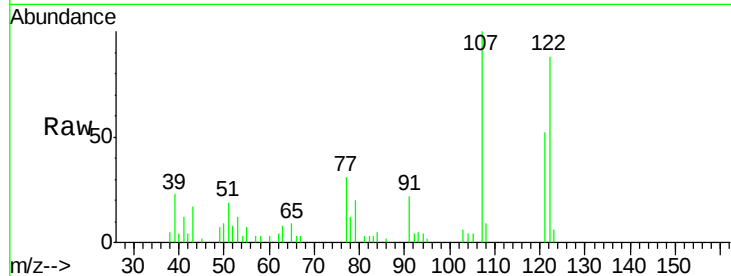




#27
 2,4-Dimethylphenol
 Concen: 3.30 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.02 min
 Lab File: BF087285.D
 Acq: 22 May 2016 12:27

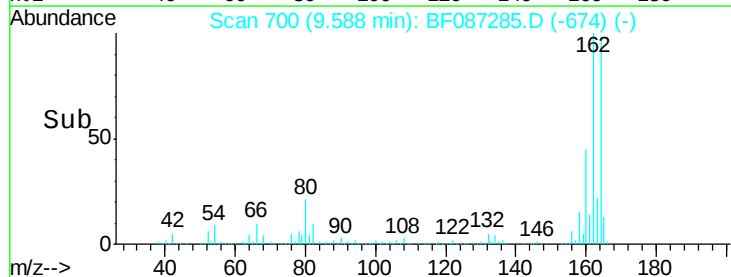
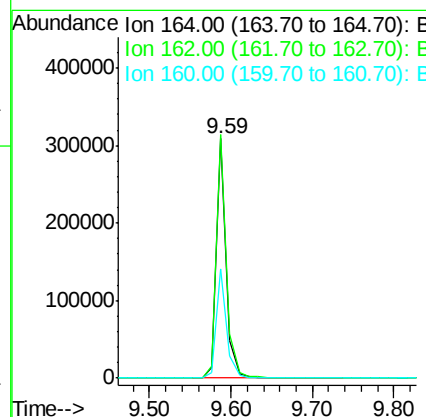
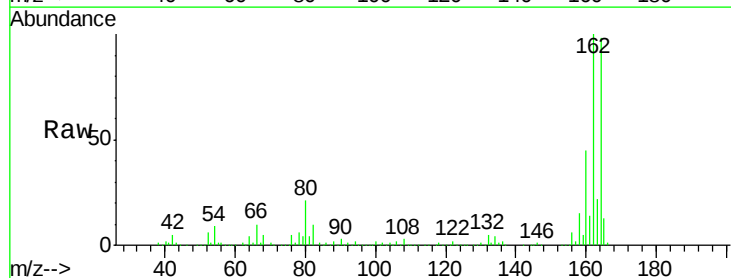
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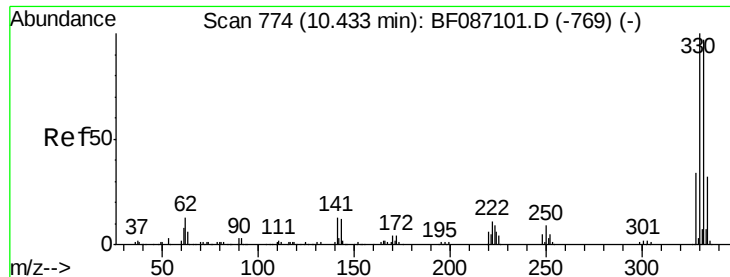
Tgt Ion:122 Resp: 28083
 Ion Ratio Lower Upper
 122 100
 107 113.9 82.0 123.0
 121 58.7 46.1 69.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087285.D
 Acq: 22 May 2016 12:27

Tgt Ion:164 Resp: 264433
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.8 124.2
 160 45.5 36.9 55.3

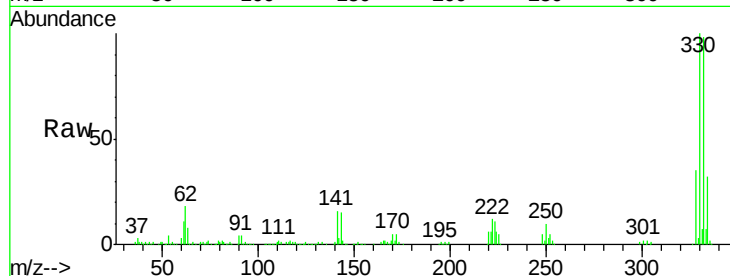




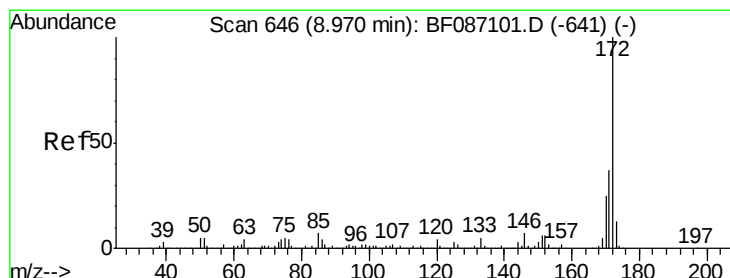
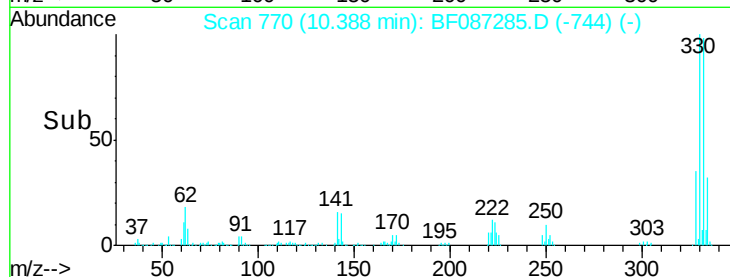
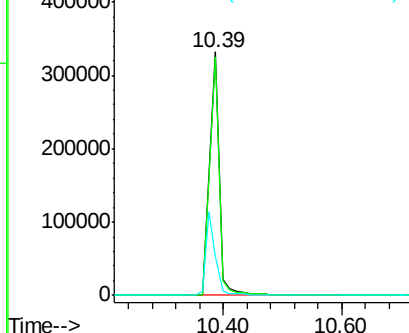
#41
 2,4,6-Tribromophenol
 Concen: 129.27 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087285.D
 Acq: 22 May 2016 12:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:330 Resp: 377733
 Ion Ratio Lower Upper
 330 100
 332 97.5 79.0 118.4
 141 35.1 31.2 46.8

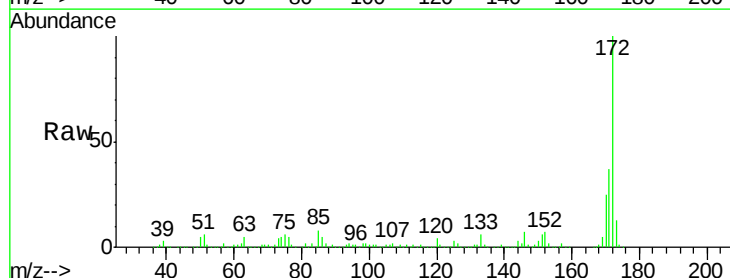


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

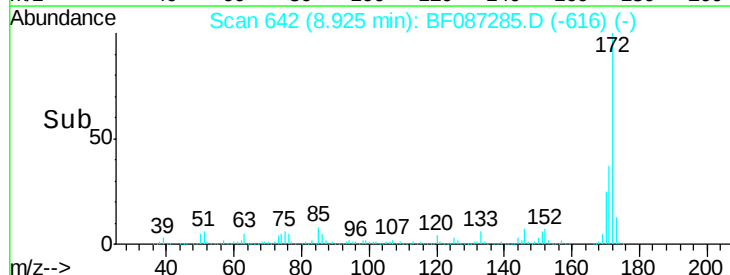
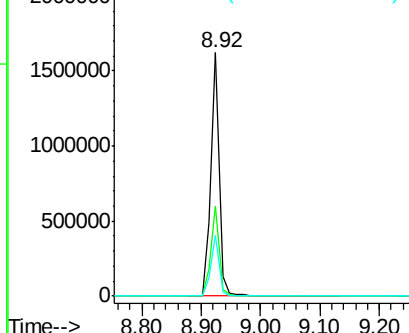


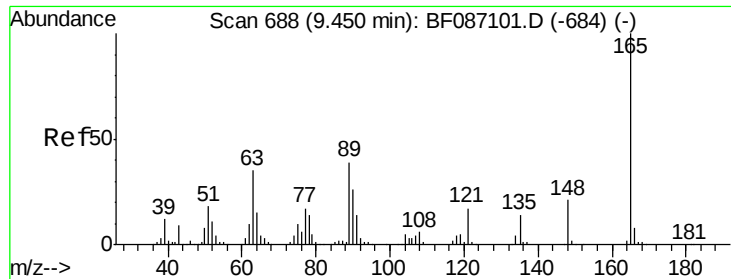
#44
 2-Fluorobiphenyl
 Concen: 99.82 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087285.D
 Acq: 22 May 2016 12:27

Tgt Ion:172 Resp: 1593728
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.0 43.6
 170 25.0 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

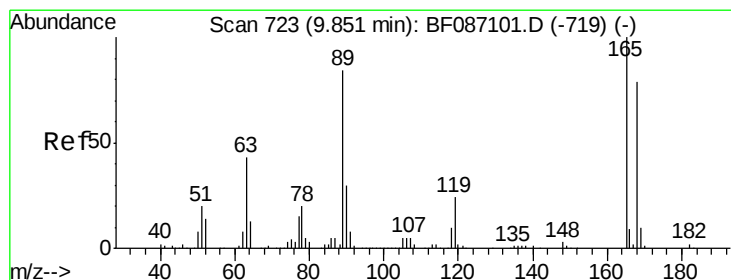
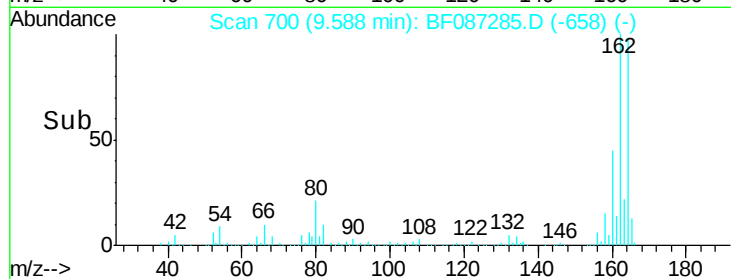
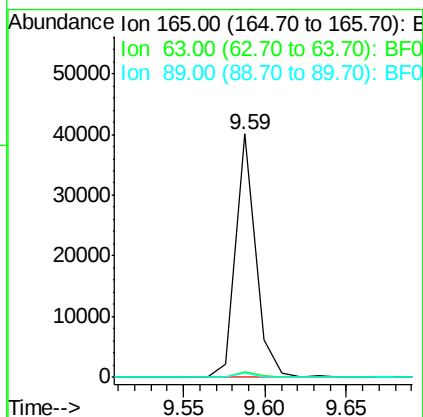
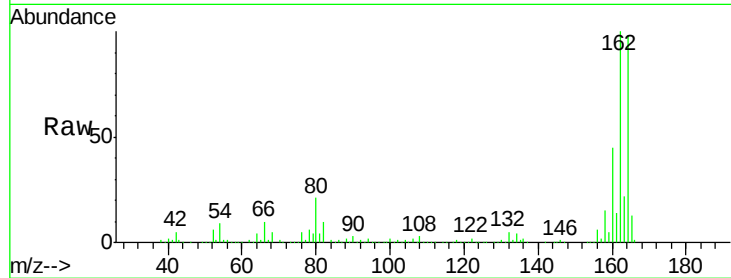




#50
 2,6-Dinitrotoluene
 Concen: 7.75 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.18 min
 Lab File: BF087285.D
 Acq: 22 May 2016 12:27

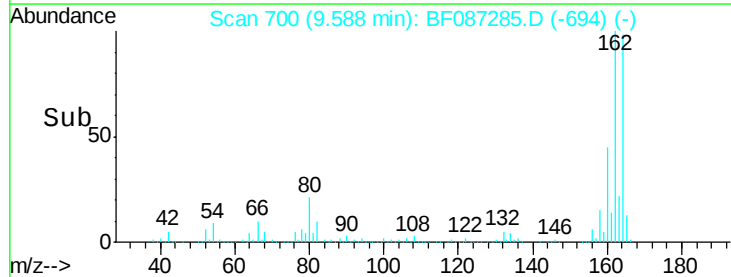
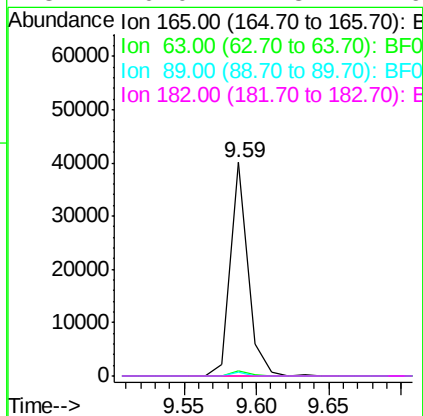
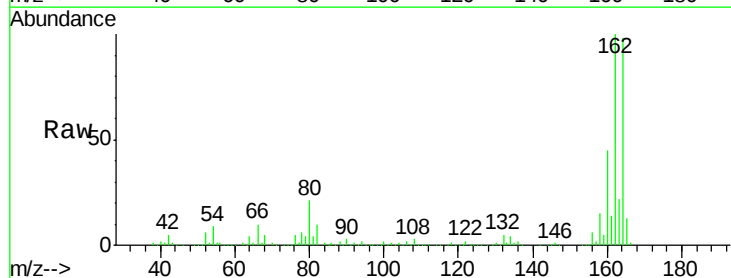
Instrument :
 BNA_F
 ClientSampleId :
 MW-16

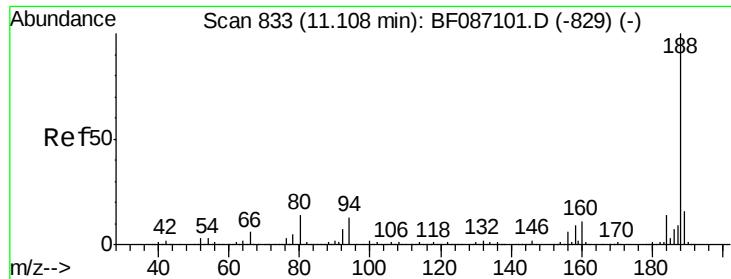
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	51.8	77.8#
89	1.7	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.23 min
 Lab File: BF087285.D
 Acq: 22 May 2016 12:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	44.3	66.5#
89	1.7	70.0	105.0#
182	0.0	1.8	2.6#

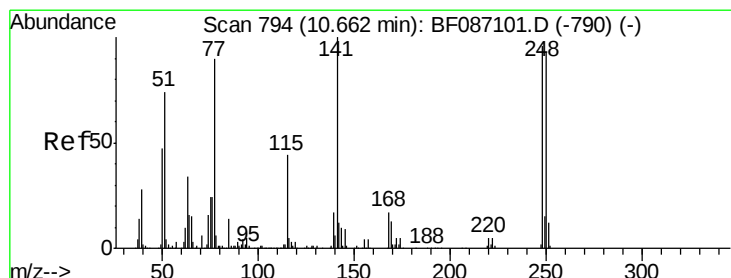
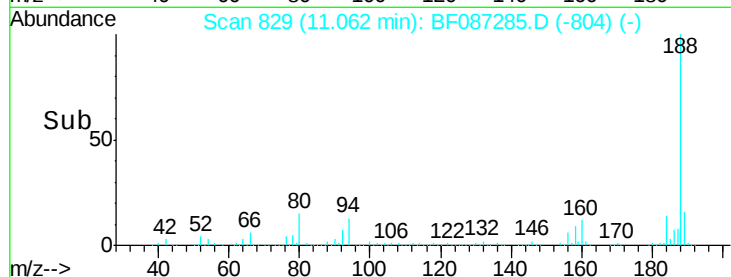
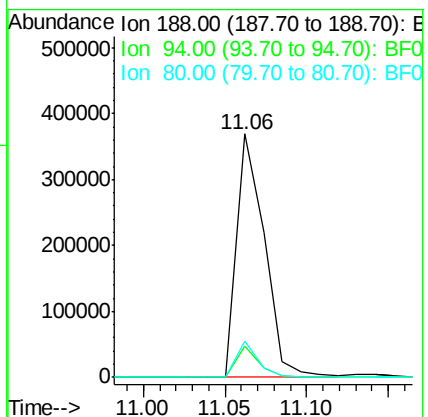
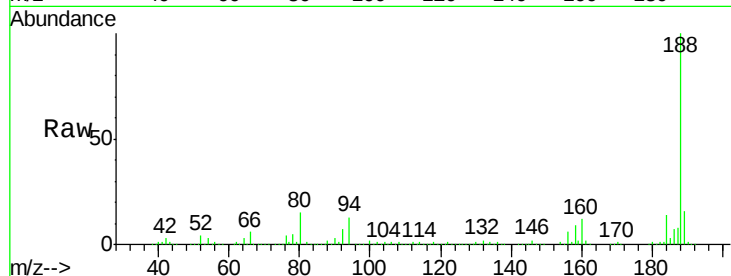




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087285.D
Acq: 22 May 2016 12:27

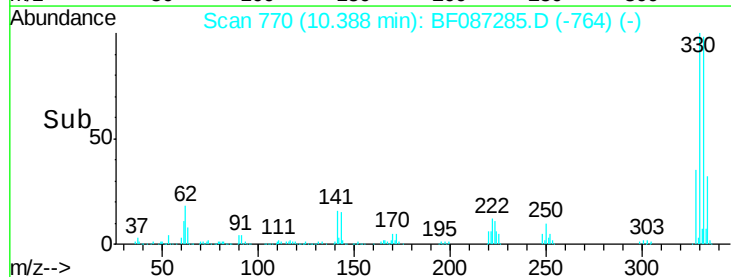
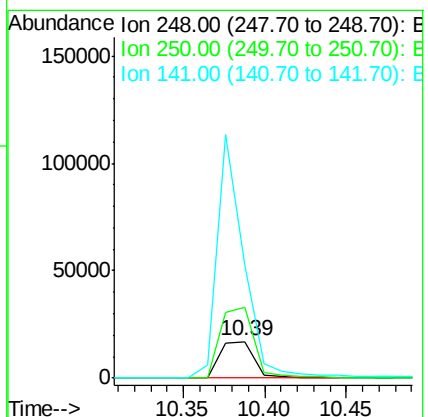
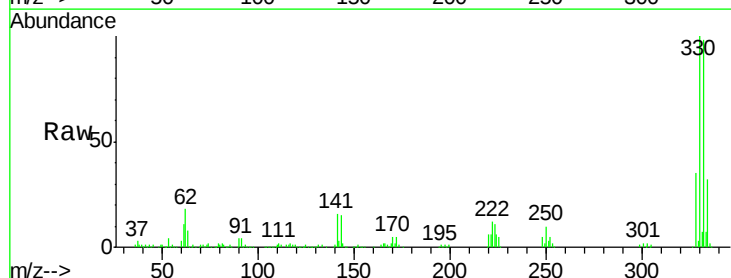
Instrument :
BNA_F
ClientSampled :
MW-16

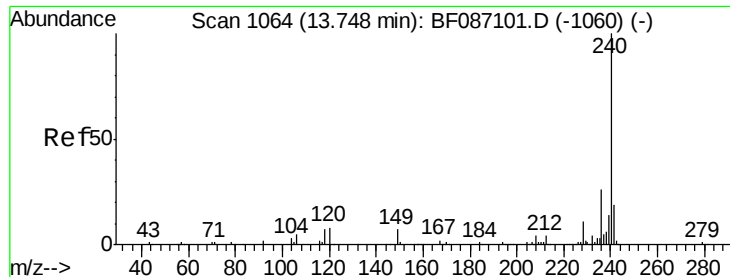
Tgt Ion:188 Resp: 430630
Ion Ratio Lower Upper
188 100
94 12.8 6.8 10.2#
80 14.6 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 5.56 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.23 min
Lab File: BF087285.D
Acq: 22 May 2016 12:27

Tgt Ion:248 Resp: 24600
Ion Ratio Lower Upper
248 100
250 195.8 78.6 117.8#
141 309.9 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF087285.D

Acq: 22 May 2016 12:27

Instrument :

BNA_F

ClientSampleId :

MW-16

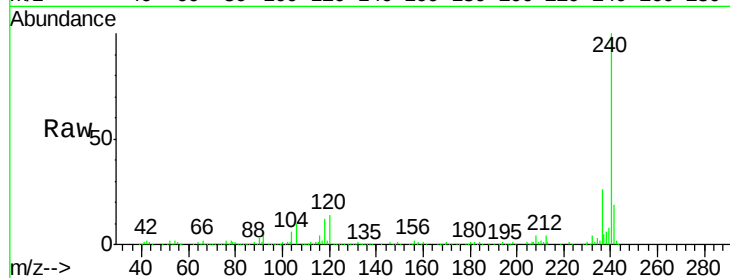
Tgt Ion:240 Resp: 299052

Ion Ratio Lower Upper

240 100

120 14.1 11.2 16.8

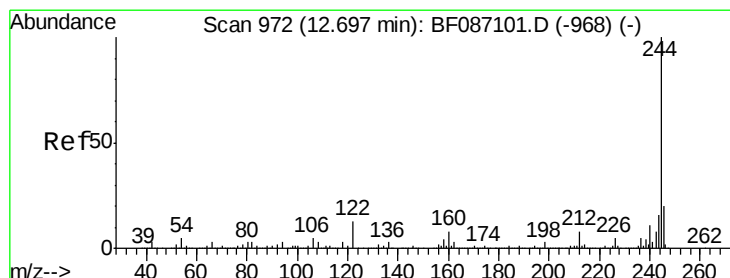
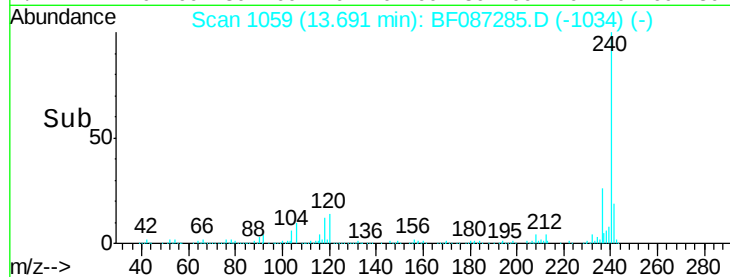
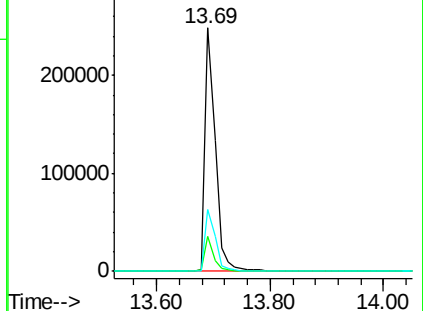
236 25.6 21.2 31.8



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: 96.34 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF087285.D

Acq: 22 May 2016 12:27

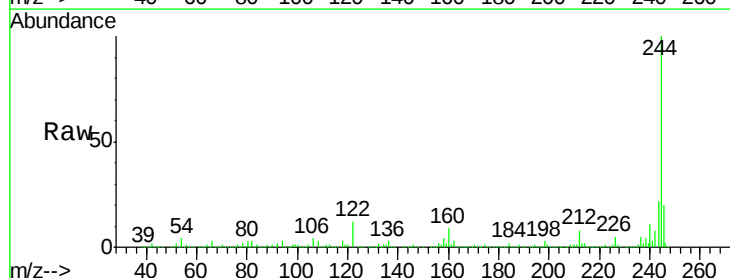
Tgt Ion:244 Resp: 1273602

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

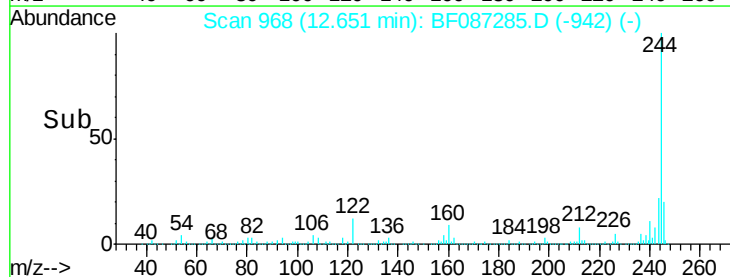
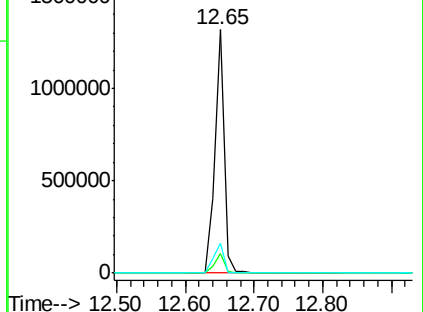
122 12.3 12.0 18.0

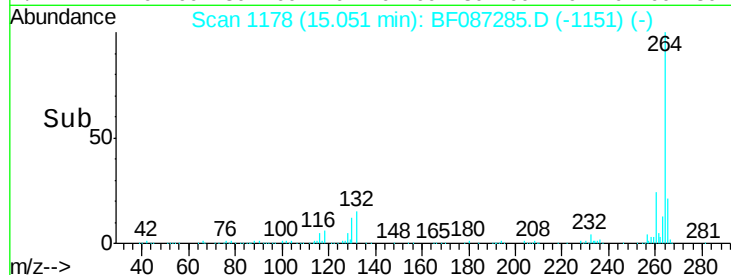
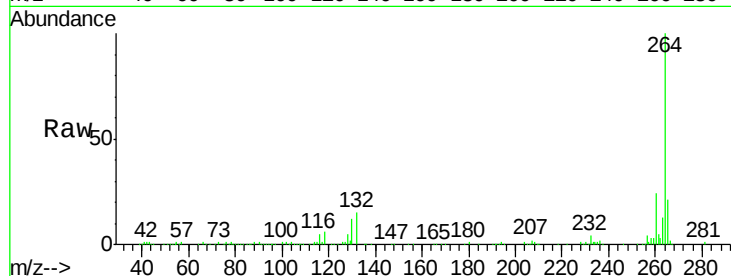
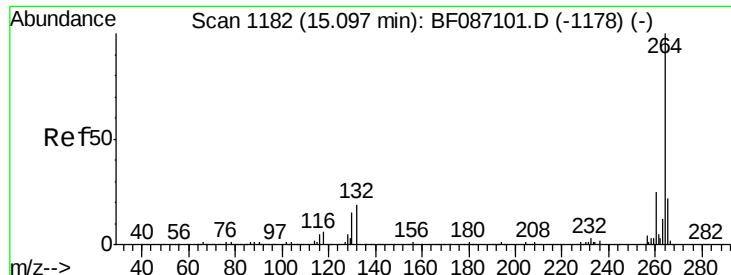


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087285.D
Acq: 22 May 2016 12:27

Instrument :
BNA_F
ClientSampleId :
MW-16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.1	17.3	25.9

