

Data Path : Z:\HPCHEM1\BNA_F\Data\BF012516\
 Data File : BF084613.D
 Acq On : 25 Jan 2016 17:59
 Operator : SJ/IZ
 Sample : H1201-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Quant Time: Jan 26 09:39:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	194246	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	774234	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	367354	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	777656	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	654991	20.00	ng	-0.01
86) Perylene-d12	15.28	264	398354	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	780805	65.02	ng	0.00
7) Phenol-d6	6.37	99	618261	40.99	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1373937	98.76	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	621906	167.69	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2138630	103.81	ng	0.00
78) Terphenyl-d14	12.84	244	1937253	66.02	ng	-0.01

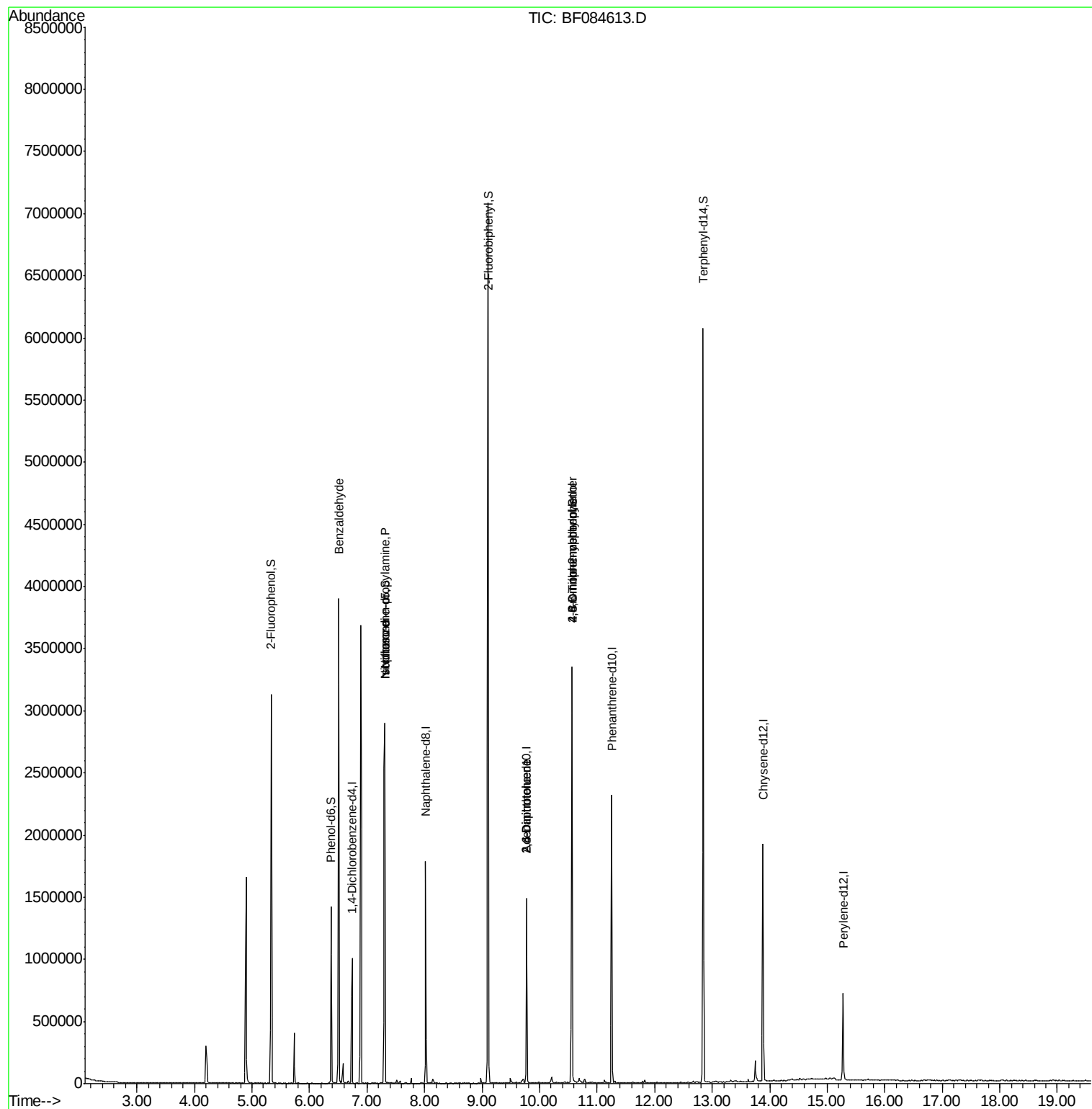
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.51	77	33567	3.42	ng	84
19) n-Nitroso-di-n-propylamine	7.31	70	190100	18.62	ng	# 77
25) Isophorone	7.31	82	1259157	47.33	ng	# 66
50) 2,6-Dinitrotoluene	9.77	165	47826	8.30	ng	# 38
54) Dibenzofuran	9.97	168	326	Below Cal		# 45
56) 2,4-Dinitrotoluene	9.77	165	47826	6.56	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.57	198	1372	6.64	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	39232	4.69	ng	# 1
73) Di-n-butylphthalate	11.82	149	10695	Below Cal		99

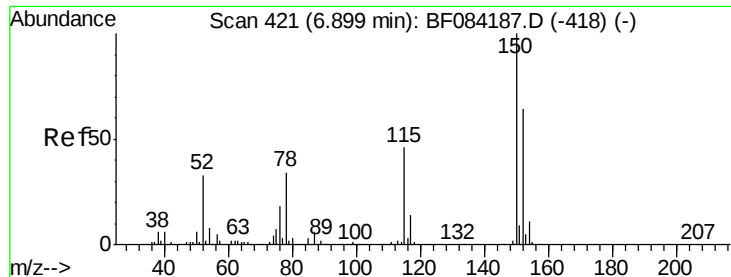
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF084613.D

Acq: 25 Jan 2016 17:59

Instrument :

BNA_F

ClientSampleId :

MW-105

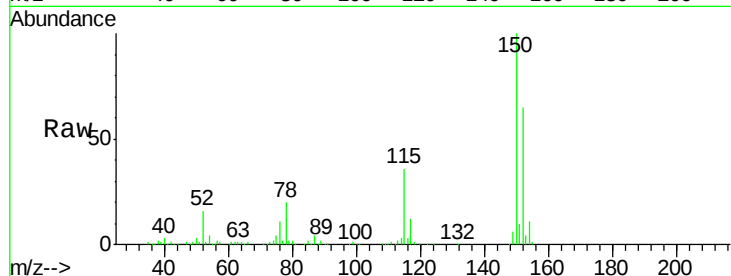
Tgt Ion:152 Resp: 194246

Ion Ratio Lower Upper

152 100

150 153.9 123.0 184.4

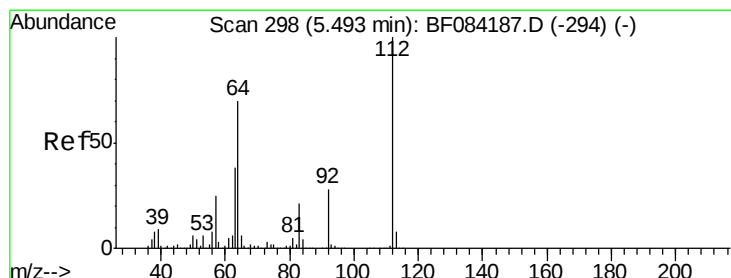
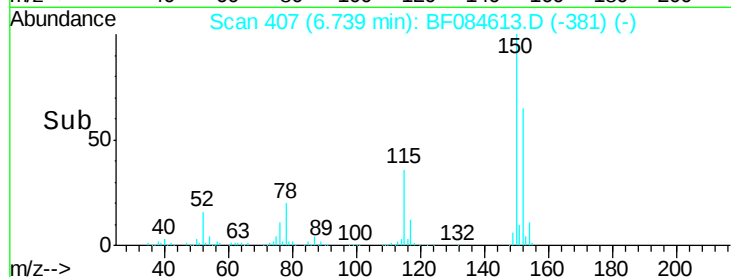
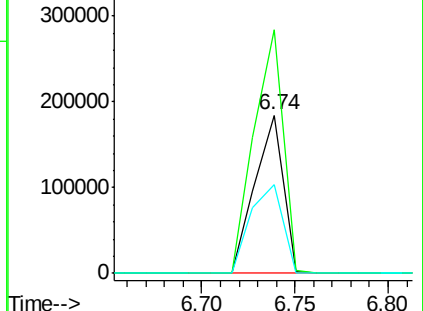
115 55.9 51.4 77.2



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: 65.02 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.00 min

Lab File: BF084613.D

Acq: 25 Jan 2016 17:59

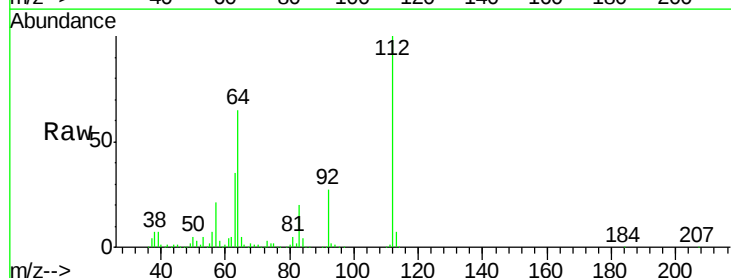
Tgt Ion:112 Resp: 780805

Ion Ratio Lower Upper

112 100

64 64.8 36.6 55.0#

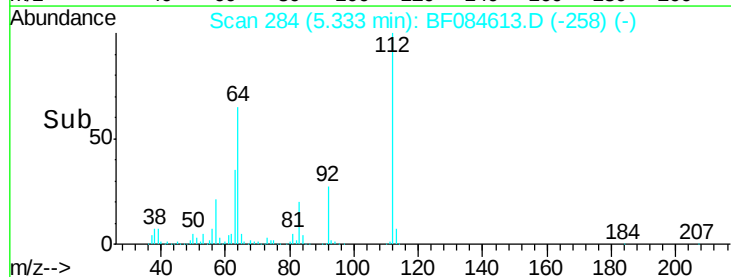
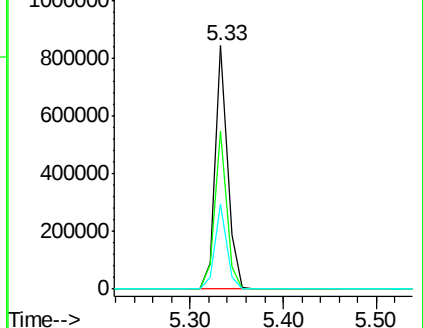
63 34.6 19.4 29.0#

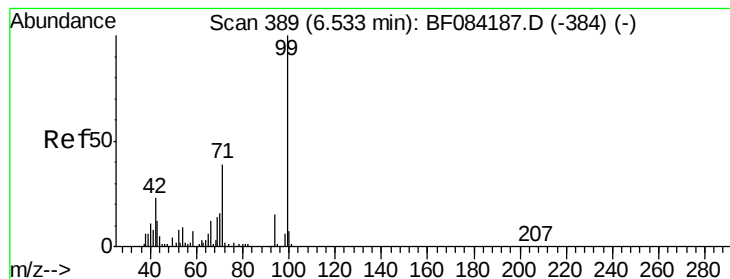


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.99 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF084613.D

Acq: 25 Jan 2016 17:59

Instrument :

BNA_F

ClientSampleId :

MW-105

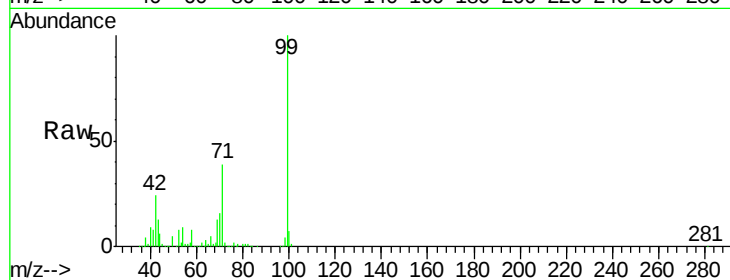
Tgt Ion: 99 Resp: 618261

Ion Ratio Lower Upper

99 100

42 23.8 12.8 19.2#

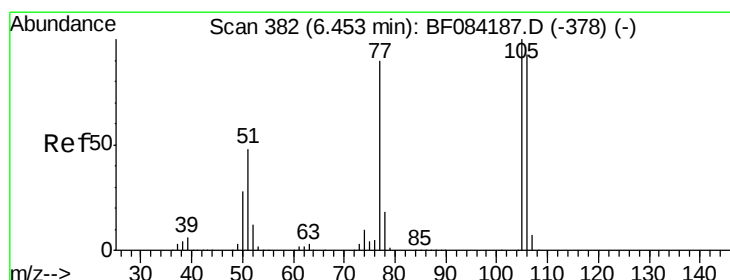
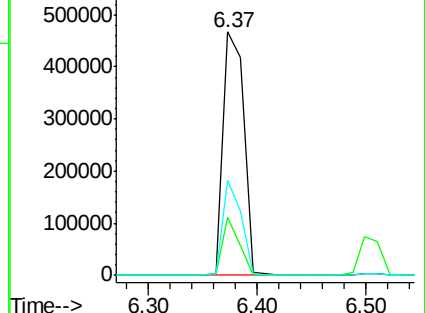
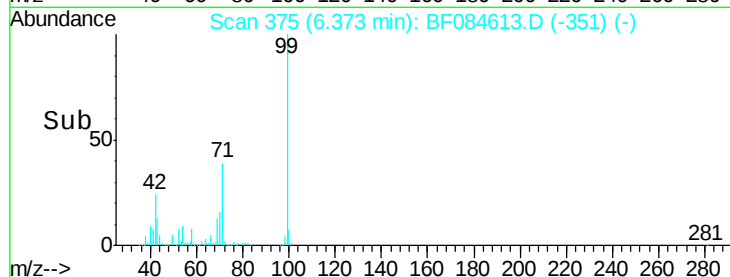
71 38.9 30.9 46.3



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: 3.42 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.23 min

Lab File: BF084613.D

Acq: 25 Jan 2016 17:59

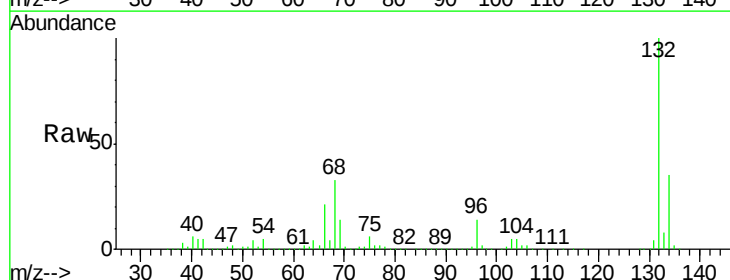
Tgt Ion: 77 Resp: 33567

Ion Ratio Lower Upper

77 100

105 86.3 83.0 123.0

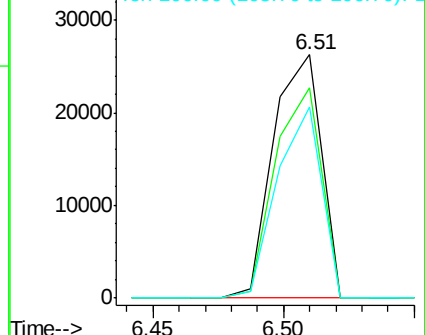
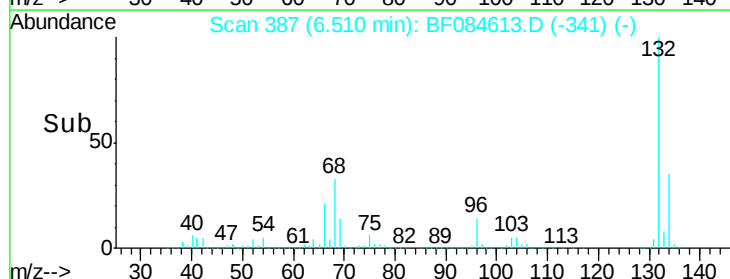
106 78.6 74.6 114.6

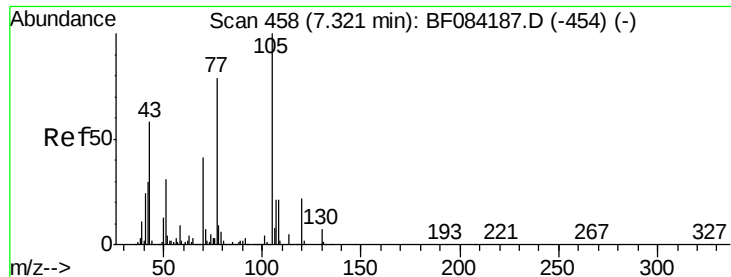


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

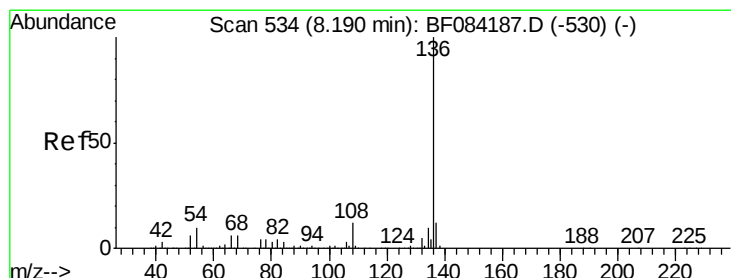
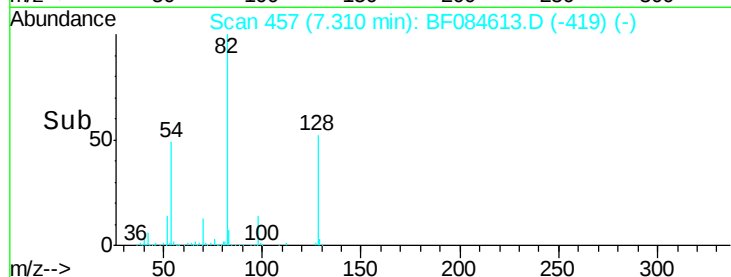
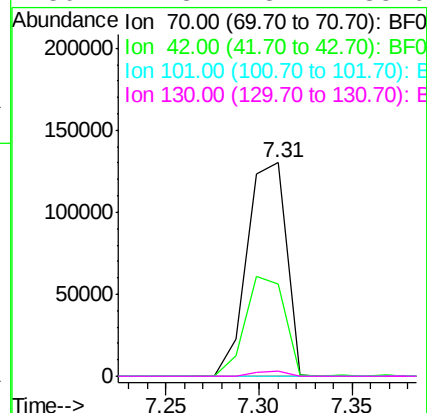
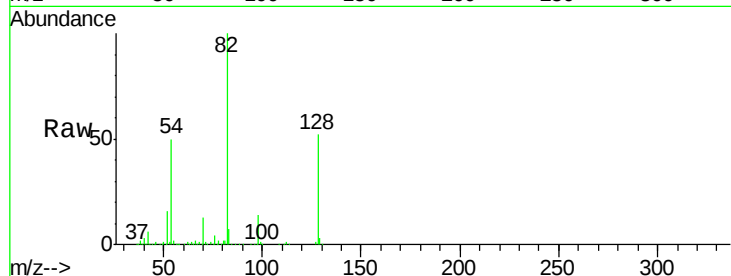




#19
n-Nitroso-di-n-propylamine
Concen: 18.62 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.14 min
Lab File: BF084613.D
Acq: 25 Jan 2016 17:59

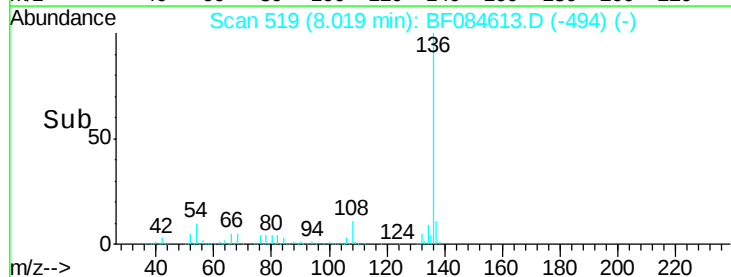
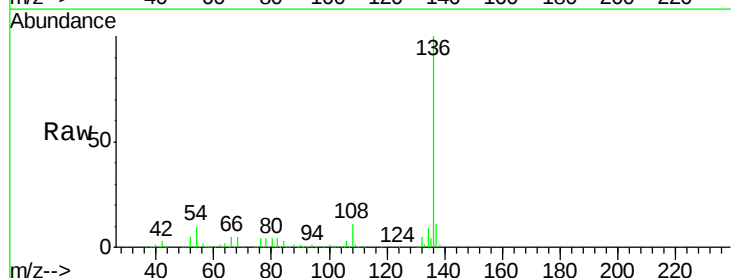
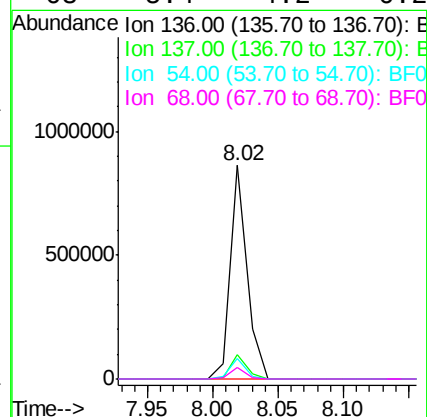
Instrument :
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MW-105

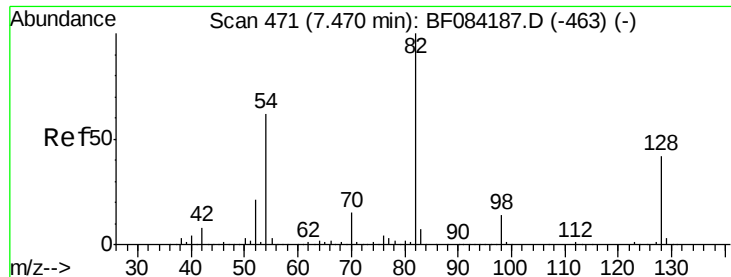
Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.1	33.3	49.9
101	0.0	9.3	13.9#
130	2.3	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084613.D
Acq: 25 Jan 2016 17:59

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.6	5.8	8.8#
68	5.4	4.2	6.2

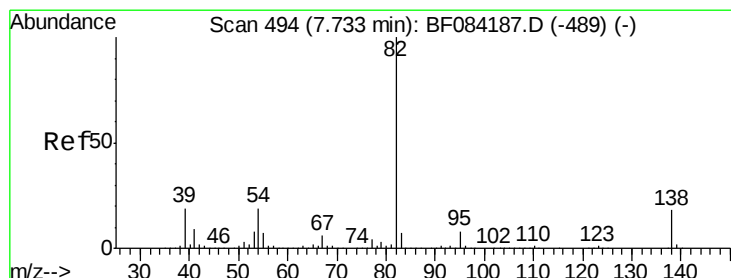
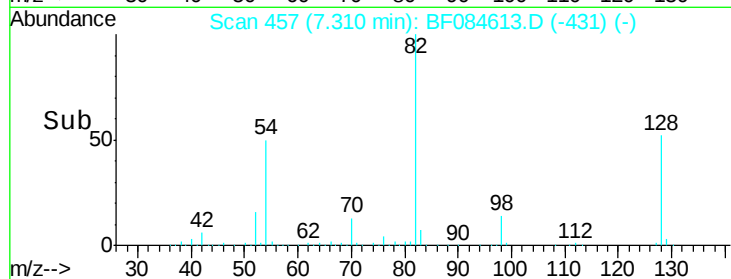
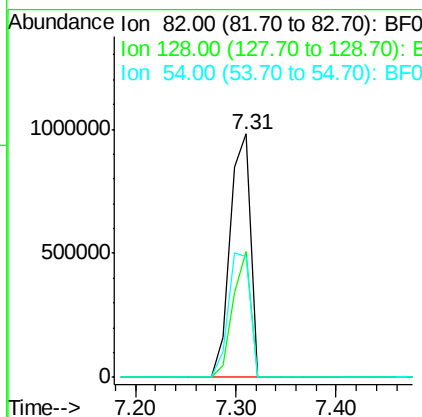
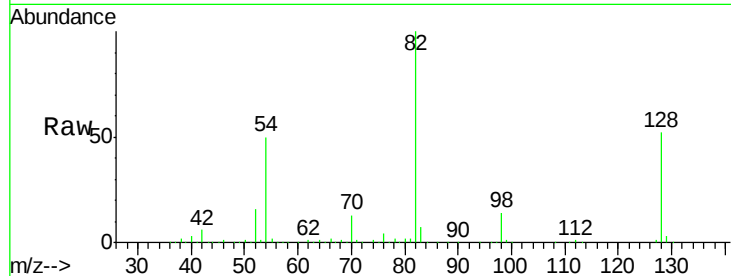




#23
 Nitrobenzene-d5
 Concen: 98.76 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF084613.D
 Acq: 25 Jan 2016 17:59

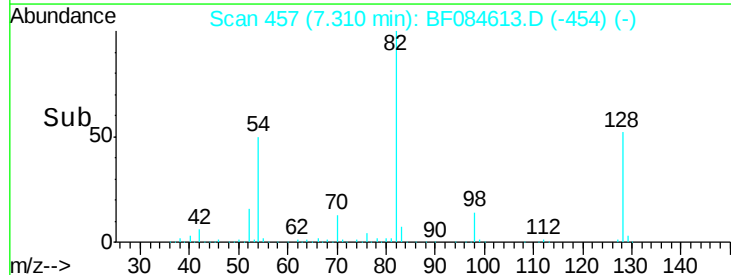
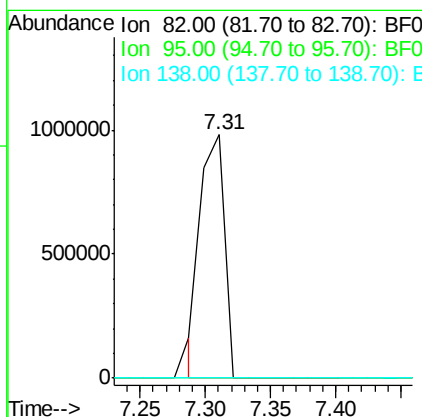
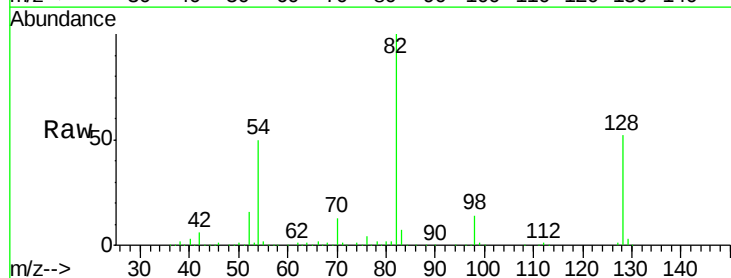
Instrument :
 BNA_F
 ClientSampleId :
 MW-105

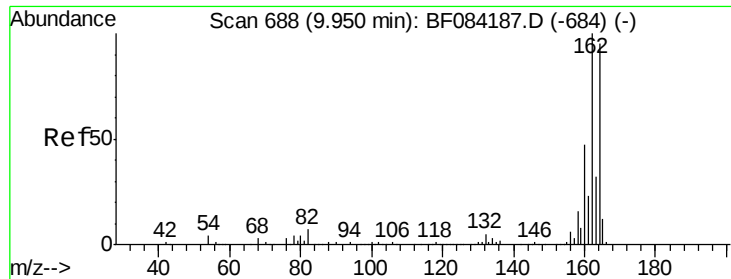
Tgt Ion: 82 Resp: 1373937
 Ion Ratio Lower Upper
 82 100
 128 51.9 34.6 51.8#
 54 49.7 38.4 57.6



#25
 Isophorone
 Concen: 47.33 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.26 min
 Lab File: BF084613.D
 Acq: 25 Jan 2016 17:59

Tgt Ion: 82 Resp: 1259157
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 10.0#
 138 0.0 13.6 20.4#

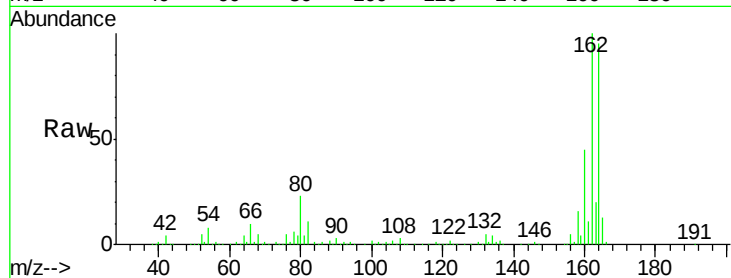




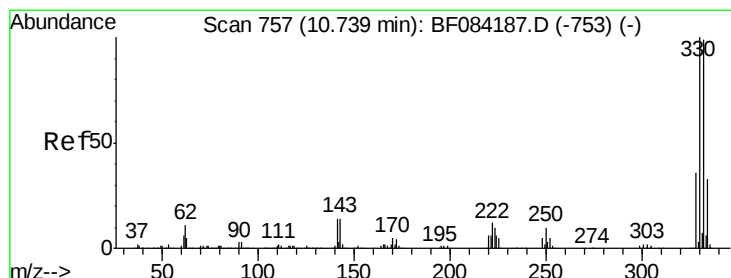
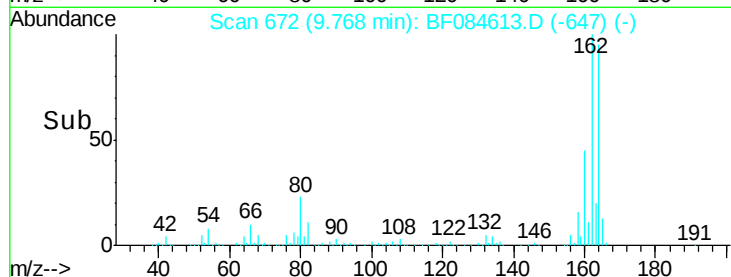
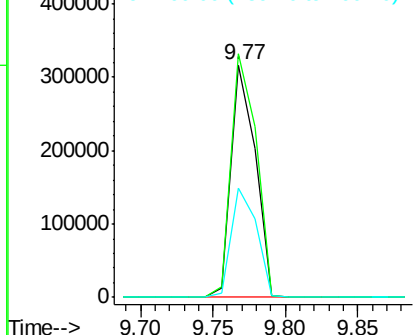
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF084613.D
 Acq: 25 Jan 2016 17:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Tgt Ion:164 Resp: 367354
 Ion Ratio Lower Upper
 164 100
 162 104.8 85.1 127.7
 160 47.0 37.5 56.3

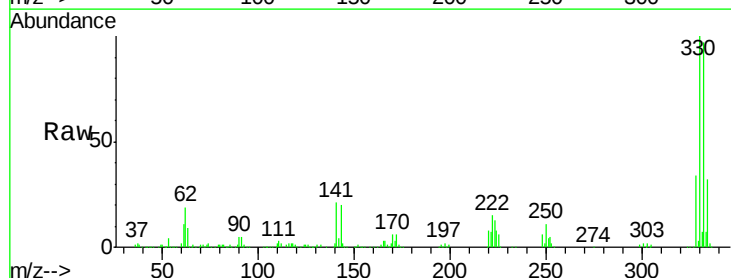


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

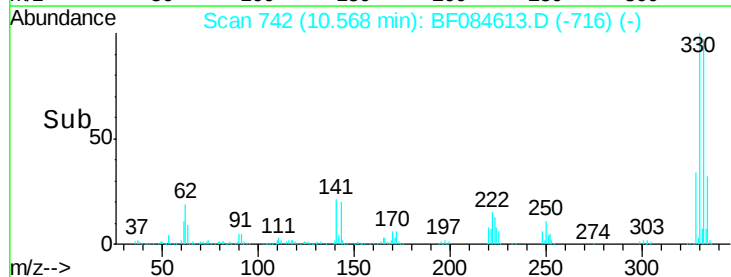
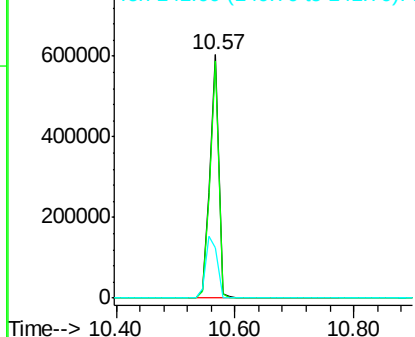


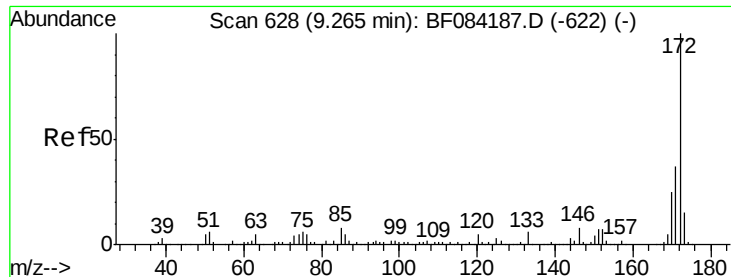
#41
 2,4,6-Tribromophenol
 Concen: 167.69 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF084613.D
 Acq: 25 Jan 2016 17:59

Tgt Ion:330 Resp: 621906
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 33.8 27.8 41.6



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

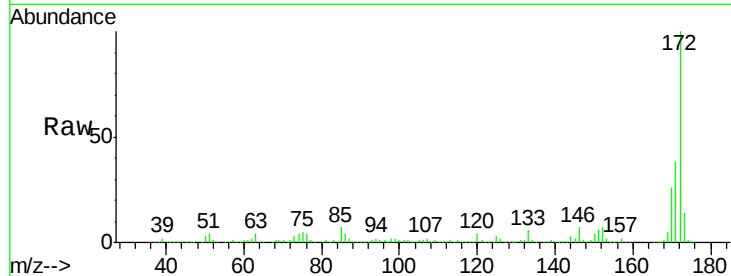




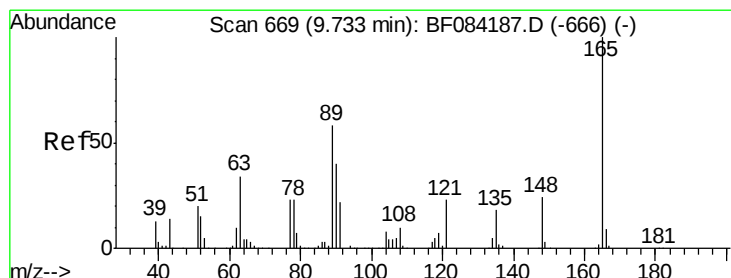
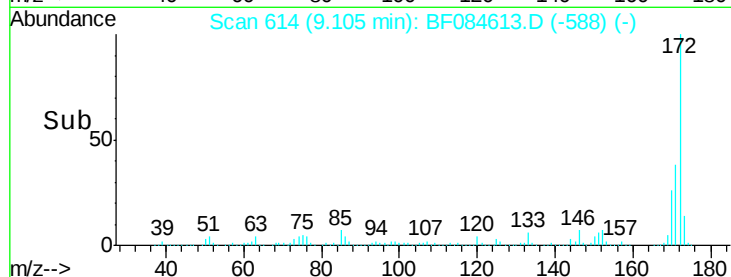
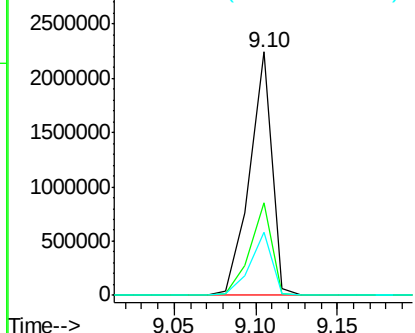
#44
 2-Fluorobiphenyl
 Concen: 103.81 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084613.D
 Acq: 25 Jan 2016 17:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Tgt Ion:172 Resp: 2138630
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.9 43.3
 170 25.8 18.6 27.8

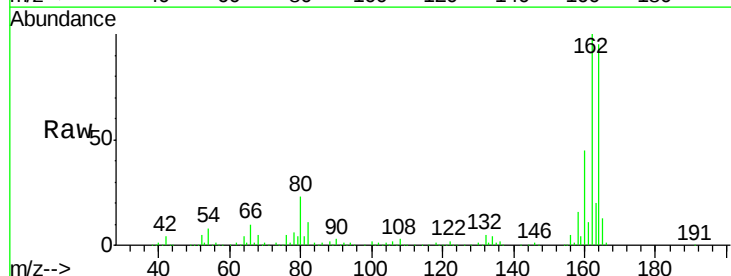


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

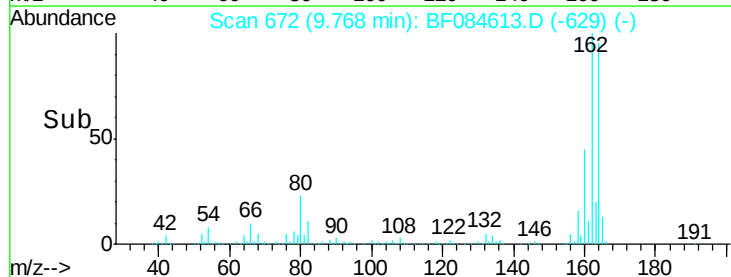
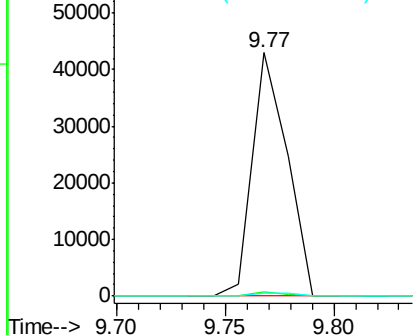


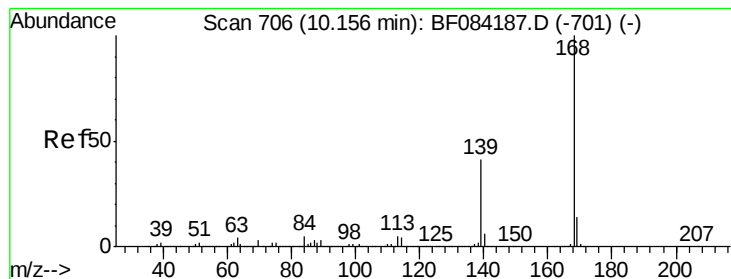
#50
 2,6-Dinitrotoluene
 Concen: 8.30 ng
 RT: 9.77 min Scan# 672
 Delta R.T. 0.19 min
 Lab File: BF084613.D
 Acq: 25 Jan 2016 17:59

Tgt Ion:165 Resp: 47826
 Ion Ratio Lower Upper
 165 100
 63 1.7 28.8 43.2#
 89 1.4 35.1 52.7#



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





#54

Dibenzofuran

Concen: Below Cal

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084613.D

Acq: 25 Jan 2016 17:59

Instrument :

BNA_F

ClientSampleId :

MW-105

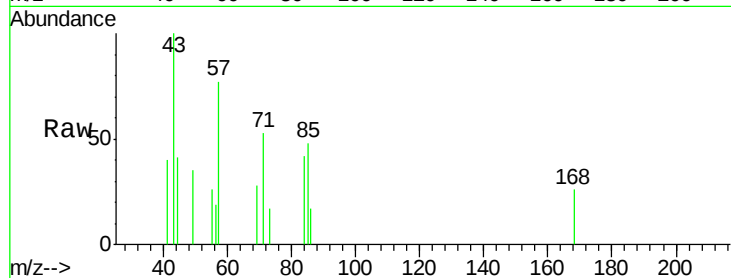
Tgt Ion:168 Resp: 326

Ion Ratio Lower Upper

168 100

139 0.0 30.5 45.7#

169 0.0 10.4 15.6#



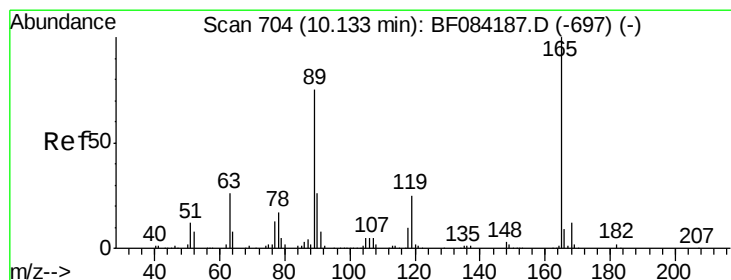
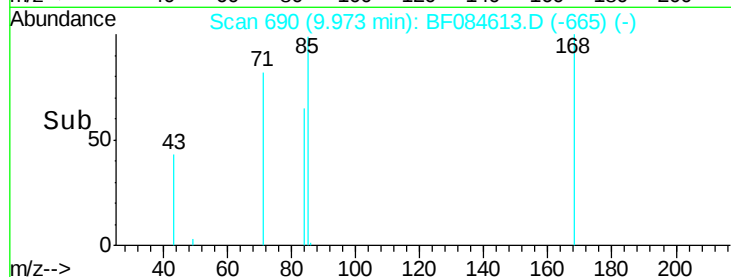
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

9.97

Time-->



#56

2,4-Dinitrotoluene

Concen: 6.56 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.21 min

Lab File: BF084613.D

Acq: 25 Jan 2016 17:59

Tgt Ion:165 Resp: 47826

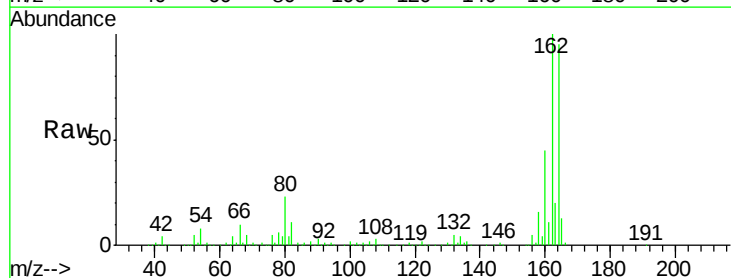
Ion Ratio Lower Upper

165 100

63 1.7 36.7 55.1#

89 1.4 61.9 92.9#

182 0.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E

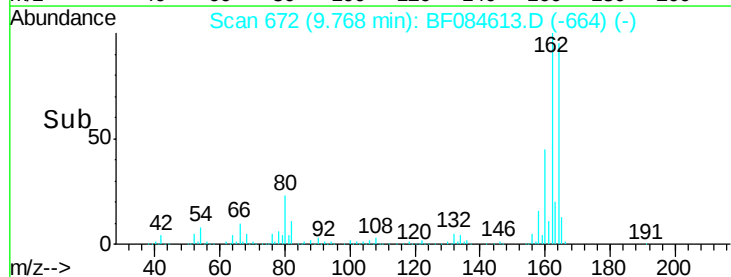
Ion 63.00 (62.70 to 63.70): BF0

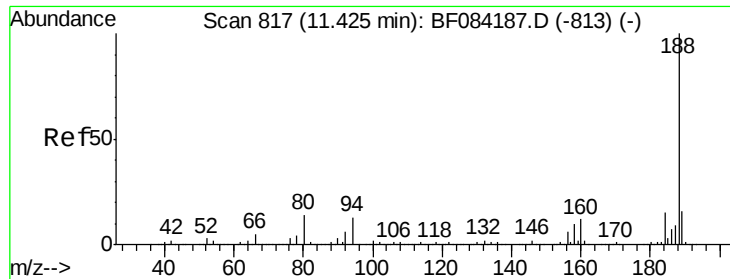
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

9.77

Time-->

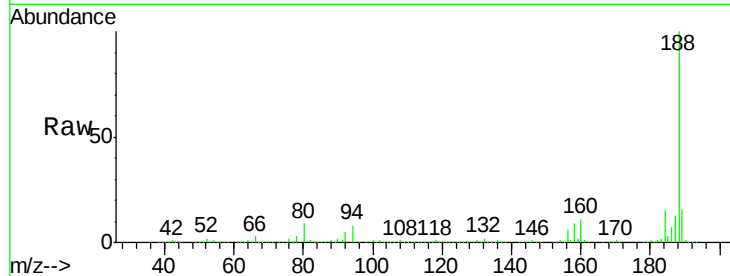




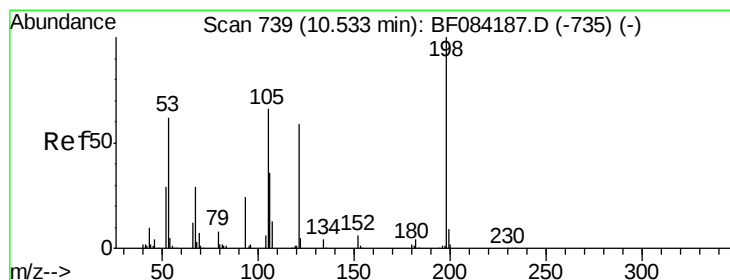
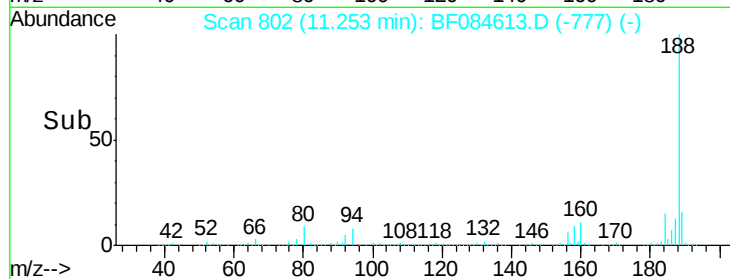
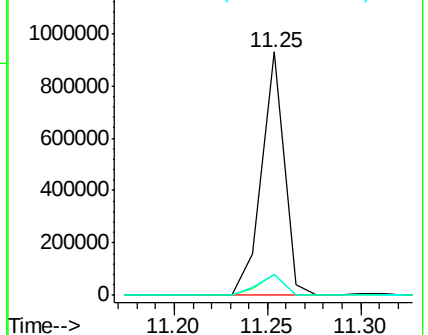
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF084613.D
 Acq: 25 Jan 2016 17:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Tgt Ion:188 Resp: 777656
 Ion Ratio Lower Upper
 188 100
 94 8.4 9.0 13.4#
 80 8.7 9.6 14.4#

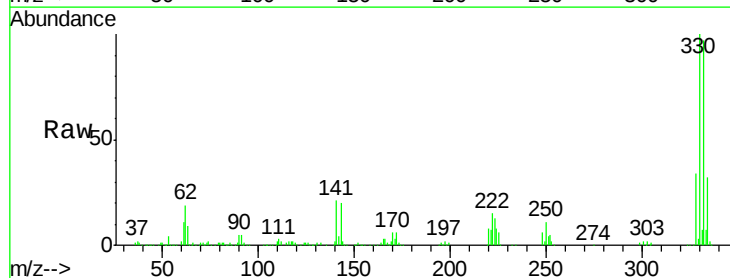


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

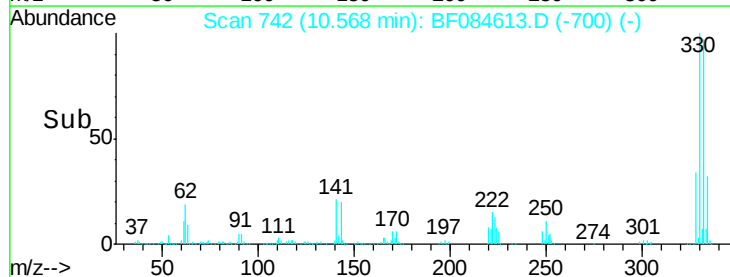
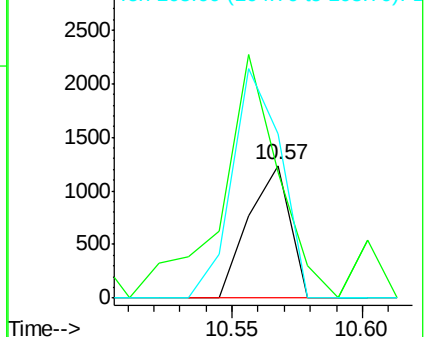


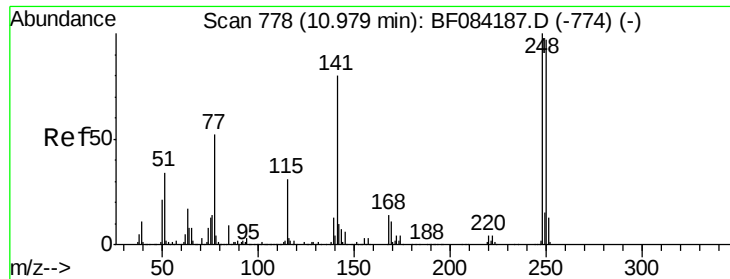
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.64 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.18 min
 Lab File: BF084613.D
 Acq: 25 Jan 2016 17:59

Tgt Ion:198 Resp: 1372
 Ion Ratio Lower Upper
 198 100
 51 95.2 18.9 58.9#
 105 123.9 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

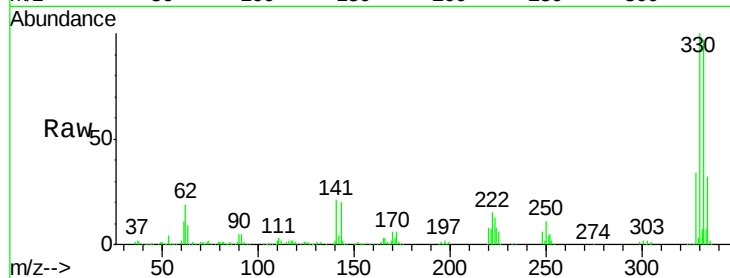




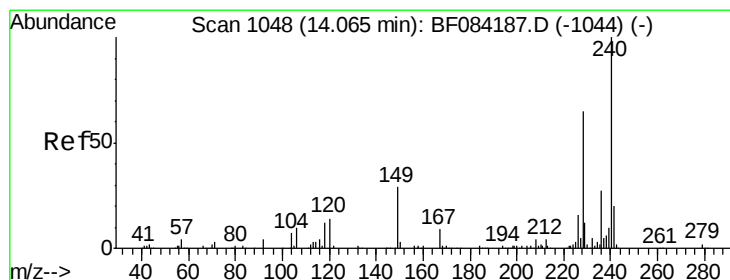
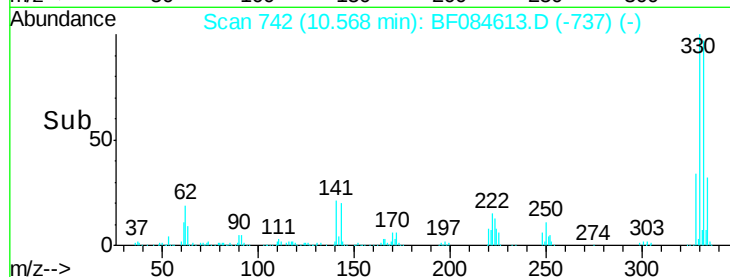
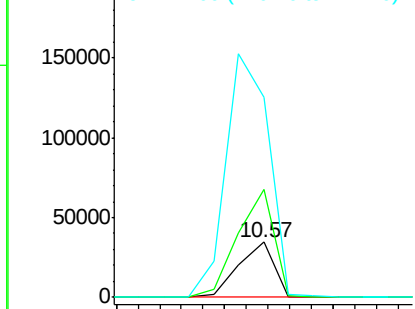
#66
4-Bromophenyl-phenylether
Concen: 4.69 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.24 min
Lab File: BF084613.D
Acq: 25 Jan 2016 17:59

Instrument :
BNA_F
ClientSampleId :
MW-105

Tgt Ion:248 Resp: 39232
Ion Ratio Lower Upper
248 100
250 195.4 78.4 117.6#
141 364.2 44.0 66.0#

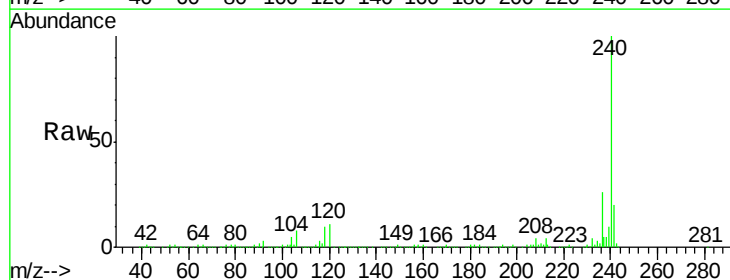


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

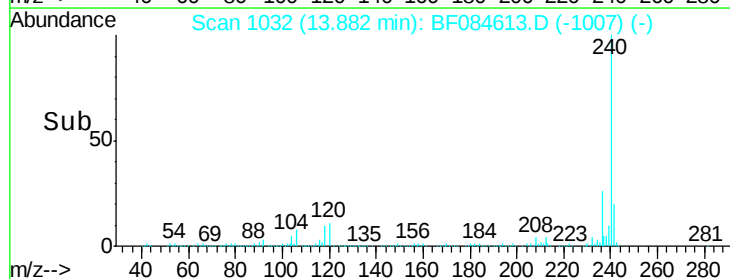
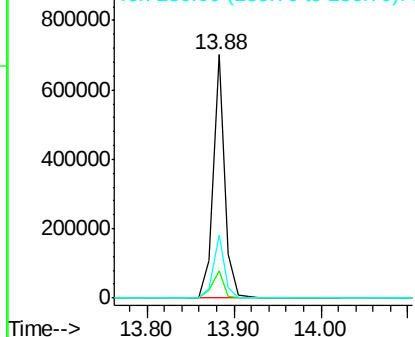


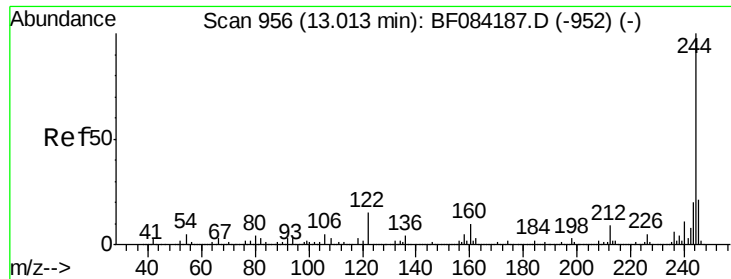
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF084613.D
Acq: 25 Jan 2016 17:59

Tgt Ion:240 Resp: 654991
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 26.1 20.6 31.0



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

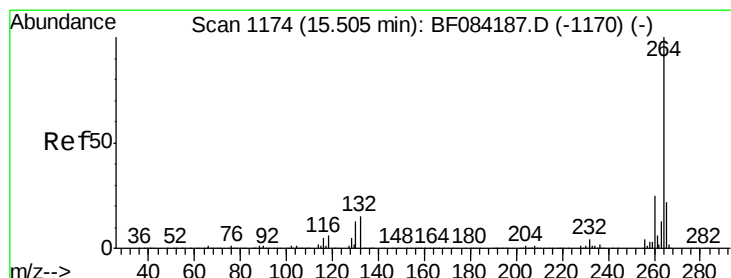
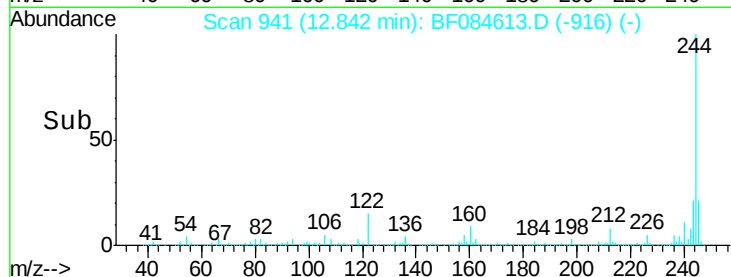
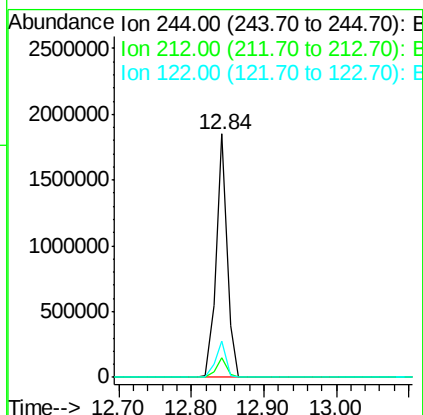
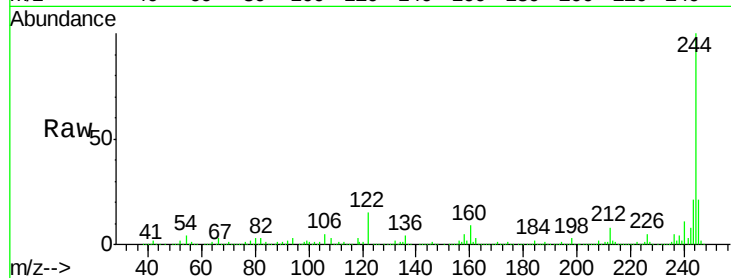




#78
 Terphenyl-d14
 Concen: 66.02 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF084613.D
 Acq: 25 Jan 2016 17:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Tgt Ion:244 Resp: 1937253
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 14.7 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF084613.D
 Acq: 25 Jan 2016 17:59

Tgt Ion:264 Resp: 398354
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.7 17.8 26.6

