

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081363.D
 Acq On : 2 Sep 2015 22:49
 Operator : UM/IZ
 Sample : G3474-06RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: Sep 03 00:24:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 00:20:21 2015
 Response via : Initial Calibration

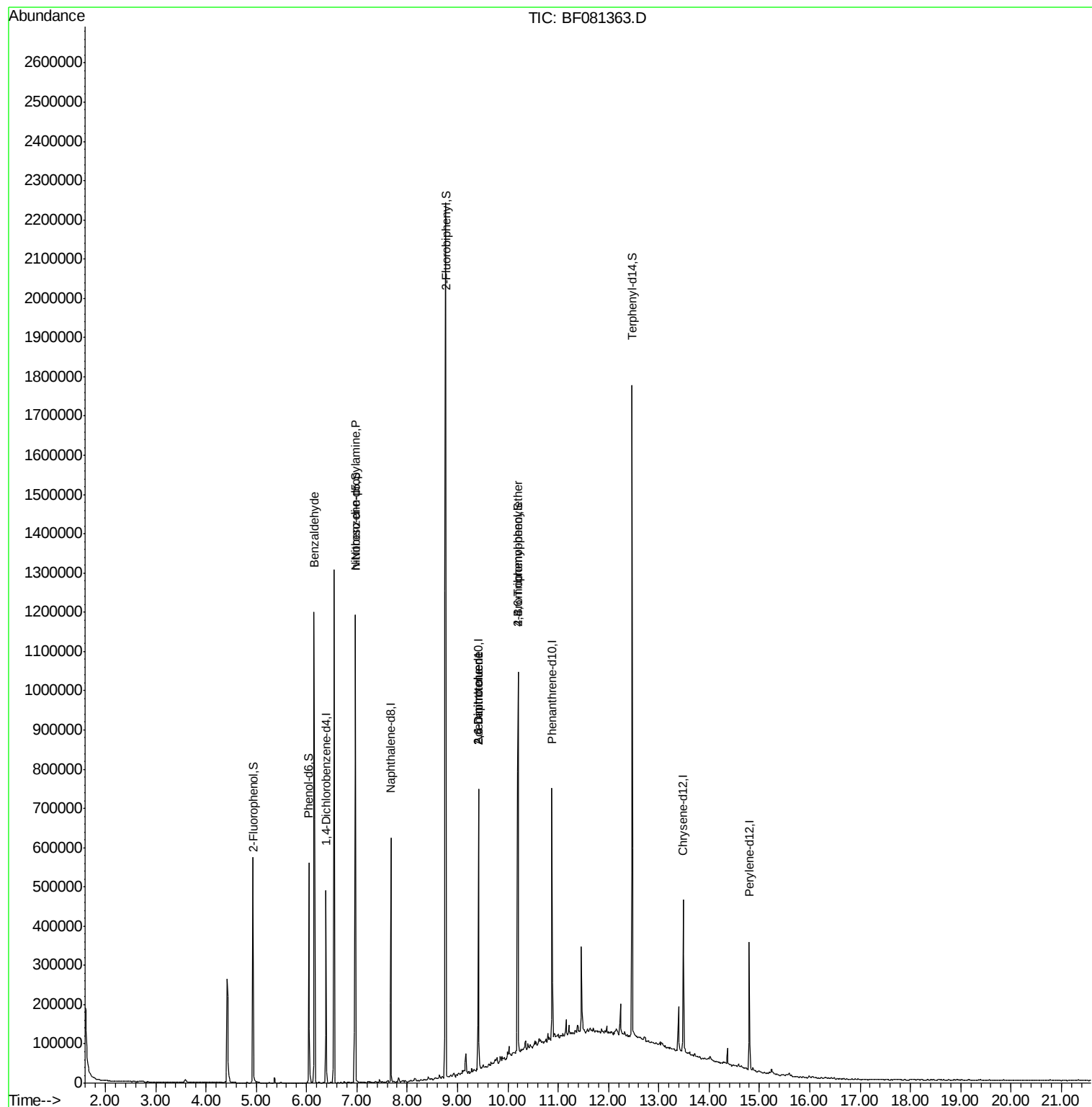
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	69520	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	273297	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	124610	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	222732	20.00	ng	0.00
75) Chrysene-d12	13.49	240	164354	20.00	ng	-0.01
86) Perylene-d12	14.80	264	114706	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	201154	44.89	ng	0.01
7) Phenol-d6	6.04	99	168991	28.49	ng	-0.01
23) Nitrobenzene-d5	6.97	82	496491	87.65	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	128423	115.75	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	823729	84.71	ng	0.00
78) Terphenyl-d14	12.47	244	564971	80.02	ng	0.00
Target Compounds						
9) Benzaldehyde	6.15	77	9417	2.53	ng	# 52
19) n-Nitroso-di-n-propylamine	6.97	70	67601	16.75	ng	# 58
50) 2,6-Dinitrotoluene	9.42	165	16526	7.52	ng	# 42
56) 2,4-Dinitrotoluene	9.42	165	16526	5.91	ng	# 36
66) 4-Bromophenyl-phenylether	10.20	248	9843	4.37	ng	# 1

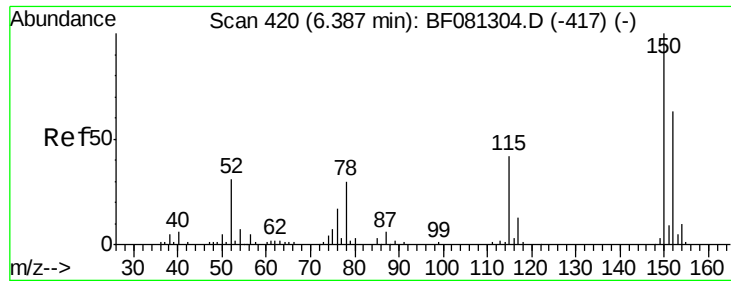
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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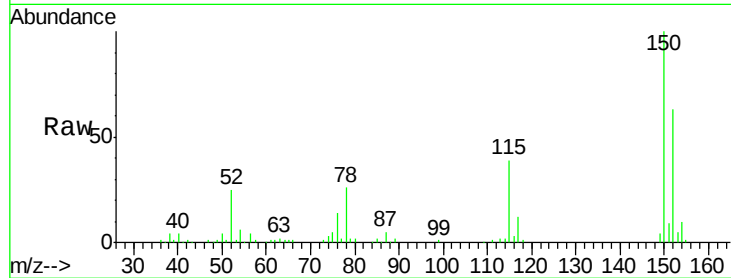


#1

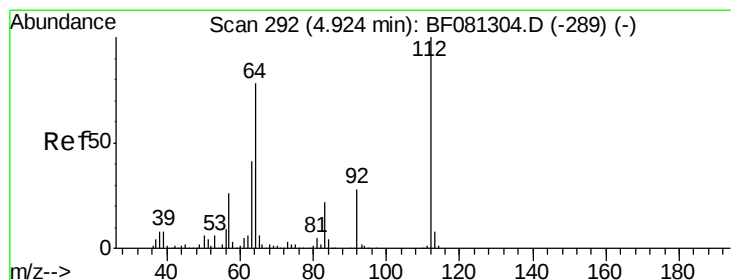
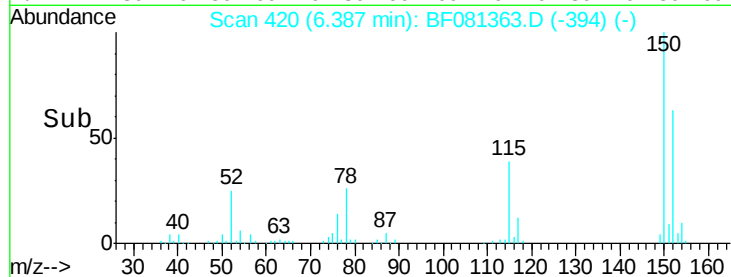
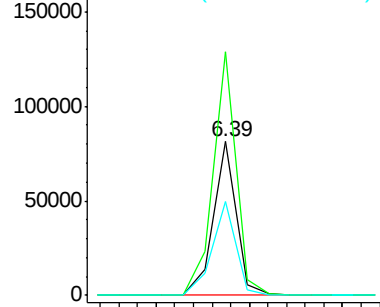
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081363.D
Acq: 2 Sep 2015 22:49

Instrument :
BNA_F
ClientSampleId :
MW-05

Tot Ion:152 Resp: 69520
Ion Ratio Lower Upper
152 100
150 158.5 124.7 187.1
115 61.1 39.0 58.4#



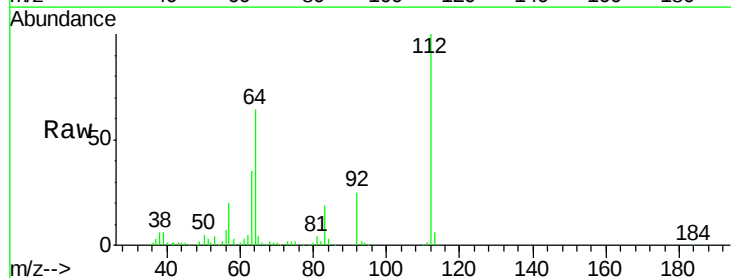
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



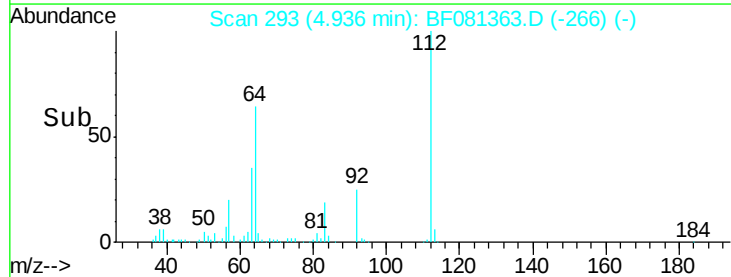
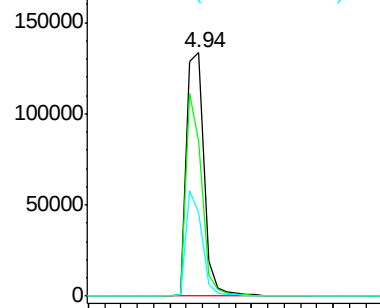
#5

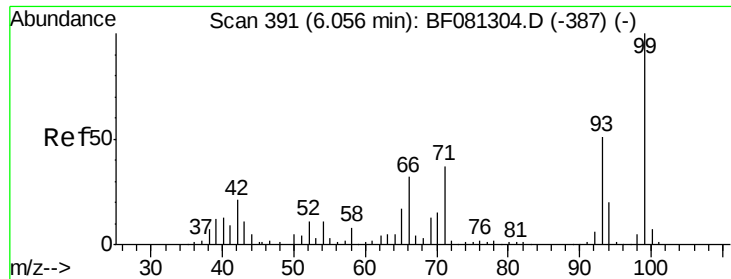
2-Fluorophenol
Concen: 44.89 ng
RT: 4.94 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF081363.D
Acq: 2 Sep 2015 22:49

Tgt Ion:112 Resp: 201154
Ion Ratio Lower Upper
112 100
64 64.0 39.7 59.5#
63 34.5 17.4 26.0#



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: 28.49 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081363.D

Acq: 2 Sep 2015 22:49

Instrument :

BNA_F

ClientSampleId :

MW-05

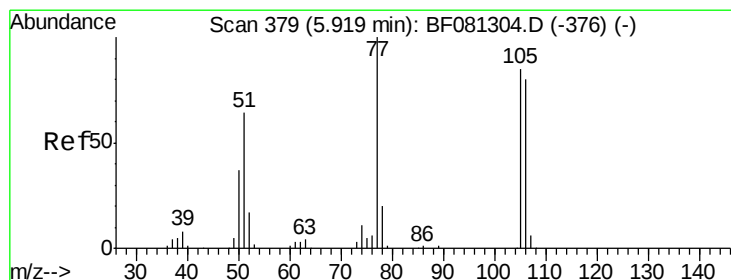
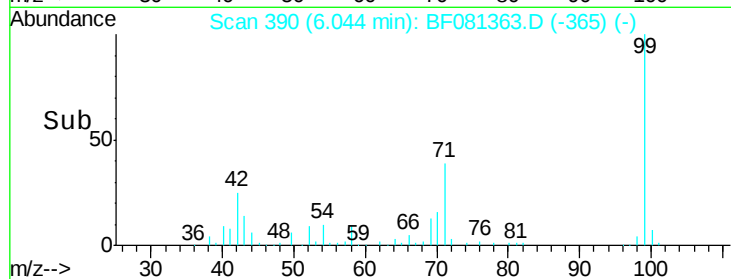
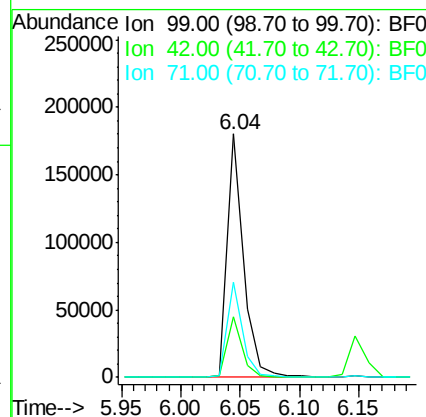
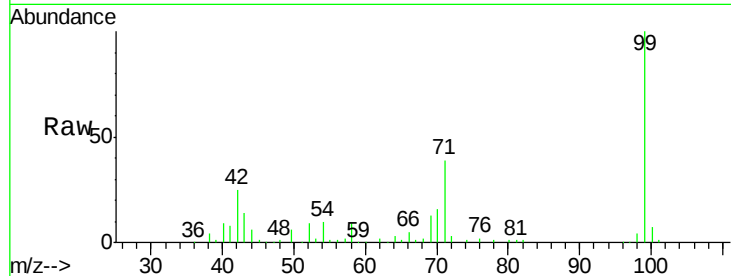
Tot Ion: 99 Resp: 168991

Ion Ratio Lower Upper

99 100

42 24.6 13.7 20.5#

71 39.1 14.2 21.2#



#9

Benzaldehyde

Concen: 2.53 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.23 min

Lab File: BF081363.D

Acq: 2 Sep 2015 22:49

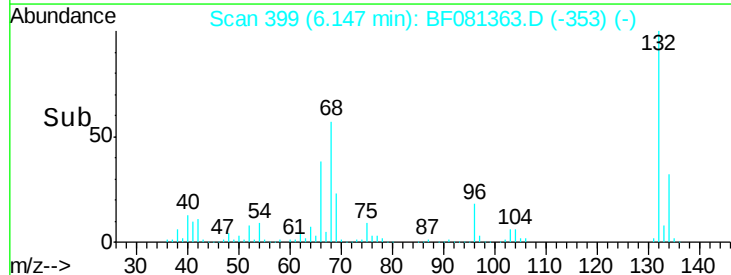
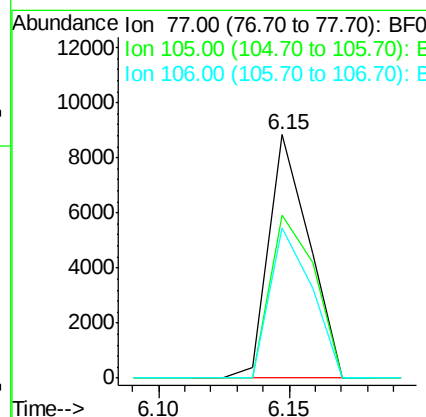
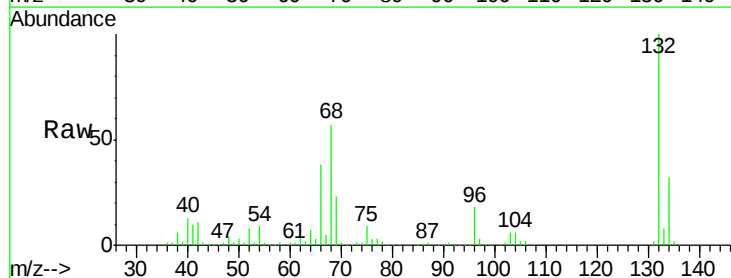
Tgt Ion: 77 Resp: 9417

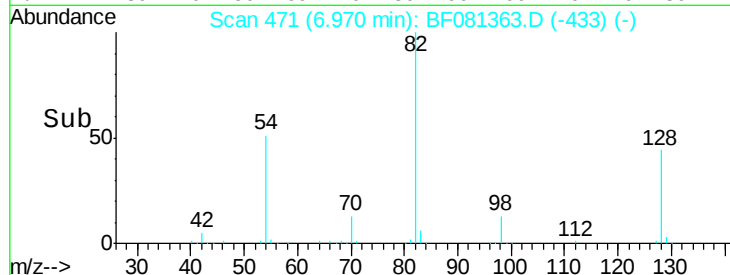
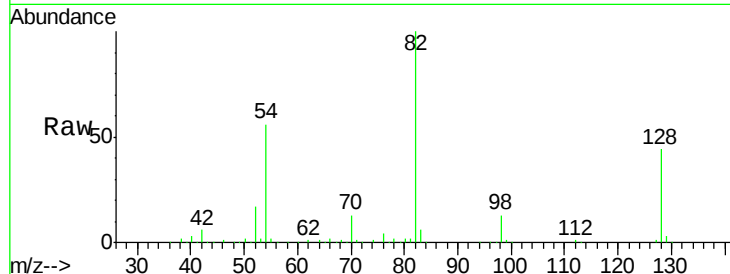
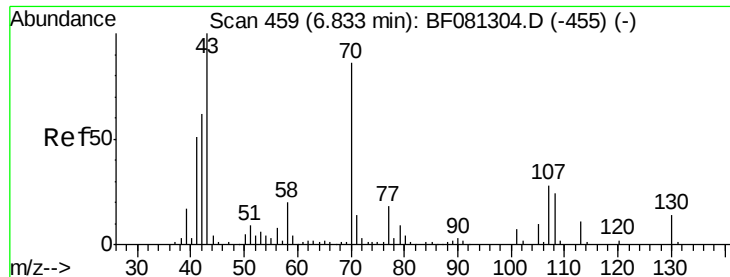
Ion Ratio Lower Upper

77 100

105 66.7 91.6 131.6#

106 61.6 102.6 142.6#

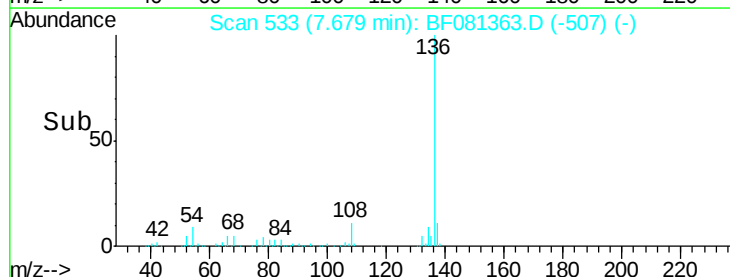
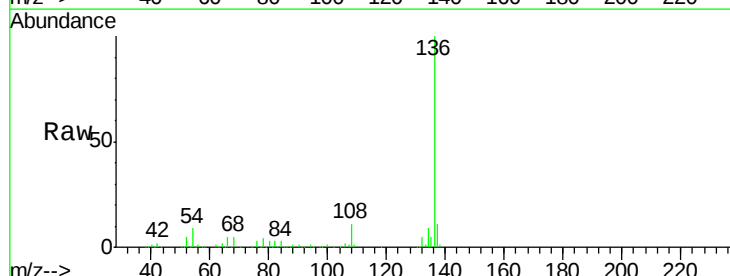
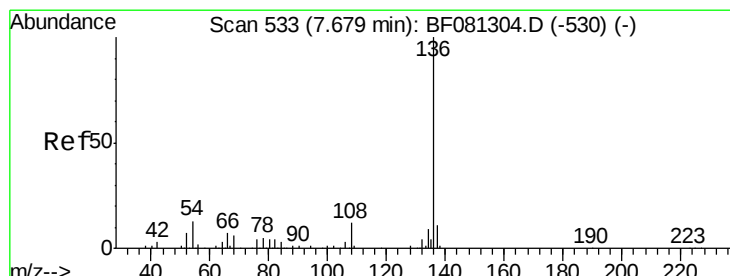
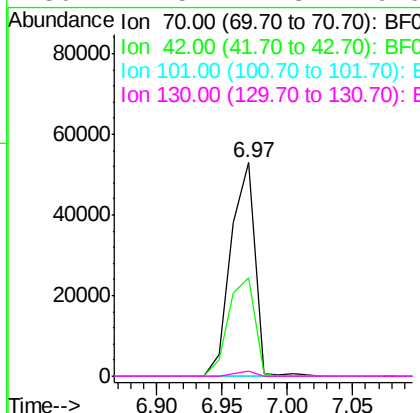




#19
n-Nitroso-di-n-propylamine
Concen: 16.75 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.14 min
Lab File: BF081363.D
Acq: 2 Sep 2015 22:49

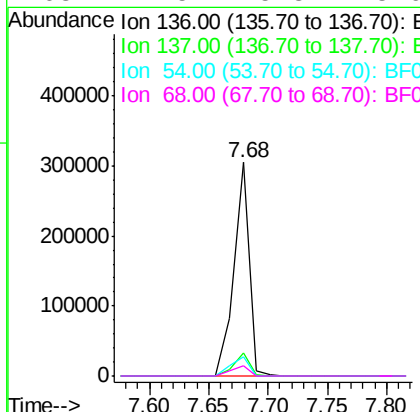
Instrument :
BNA_F
ClientSampleId :
MW-05

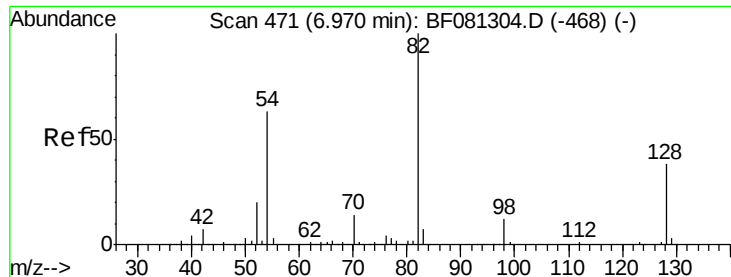
Tot Ion:	70	Resp:	67601
Ion	Ratio	Lower	Upper
70	100		
42	45.9	63.8	95.6#
101	0.0	9.2	13.8#
130	2.5	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081363.D
Acq: 2 Sep 2015 22:49

Tgt Ion:	136	Resp:	273297
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	9.2	8.2	12.2
68	4.5	5.8	8.6#

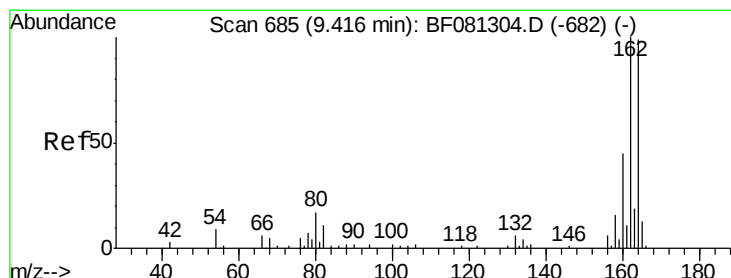
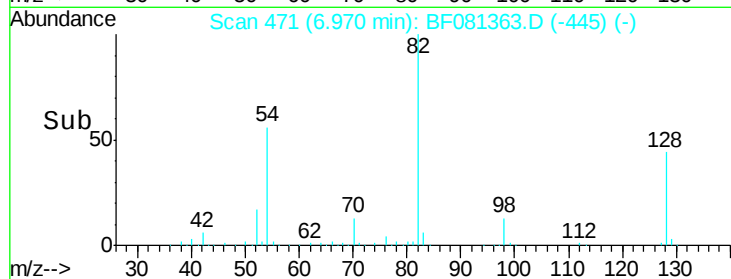
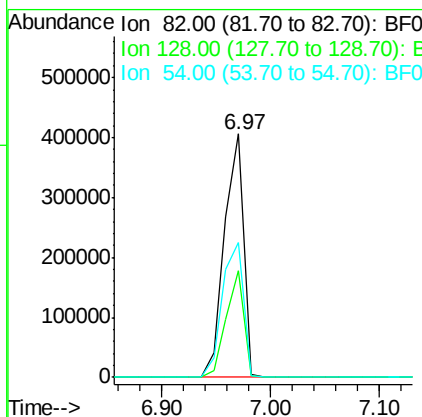
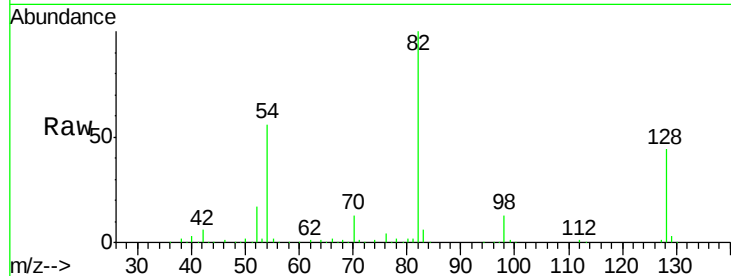




#23
 Nitrobenzene-d5
 Concen: 87.65 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081363.D
 Acq: 2 Sep 2015 22:49

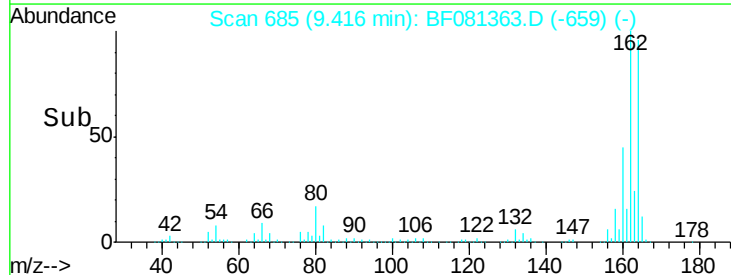
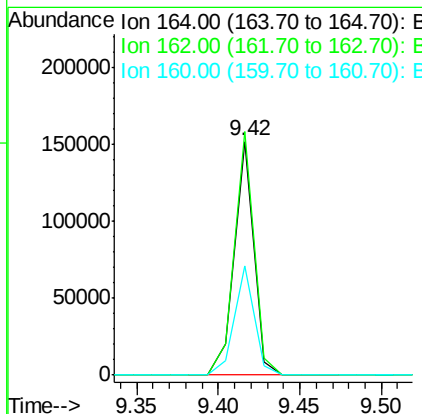
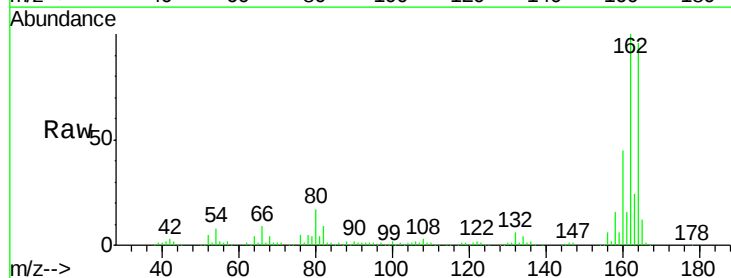
Instrument :
 BNA_F
 ClientSampleId :
 MW-05

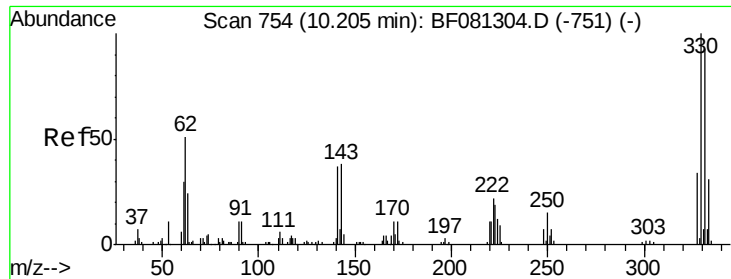
Tot Ion: 82 Resp: 496491
 Ion Ratio Lower Upper
 82 100
 128 43.9 51.0 76.6#
 54 55.6 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081363.D
 Acq: 2 Sep 2015 22:49

Tgt Ion:164 Resp: 124610
 Ion Ratio Lower Upper
 164 100
 162 104.2 75.2 112.8
 160 47.0 31.5 47.3

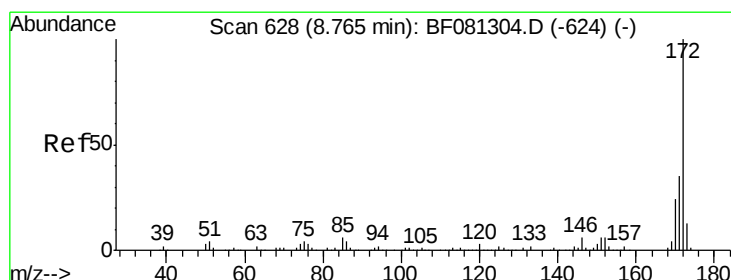
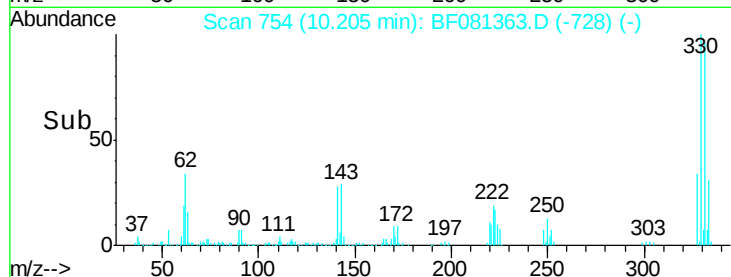
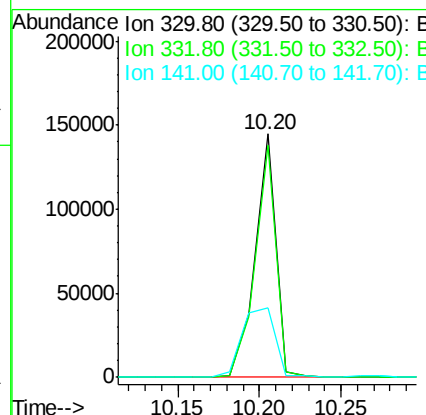
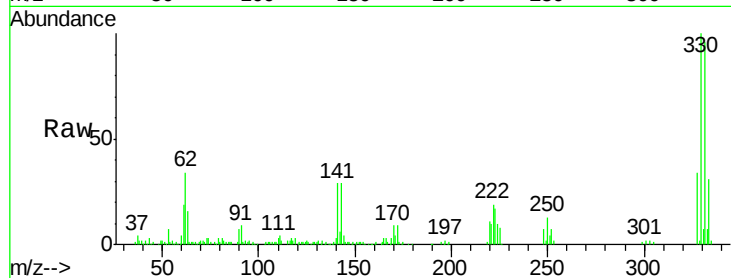




#41
 2,4,6-Tribromophenol
 Concen: 115.75 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081363.D
 Acq: 2 Sep 2015 22:49

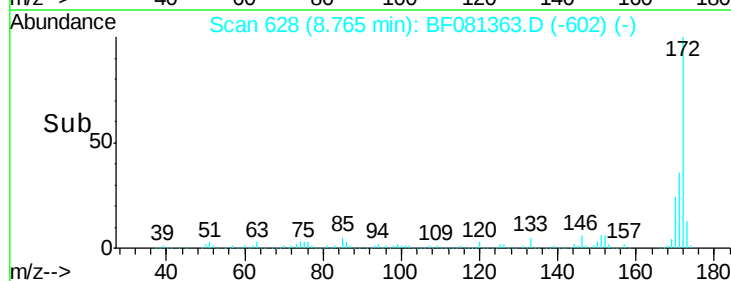
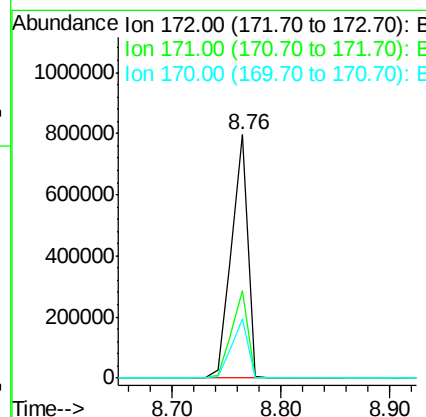
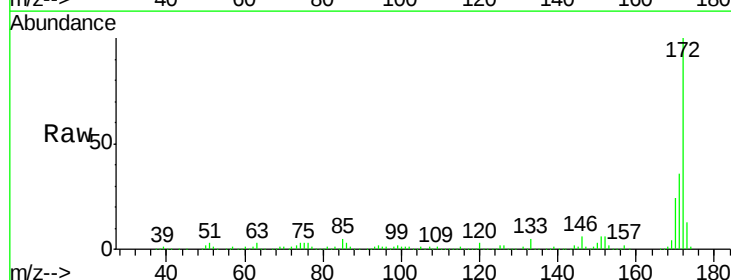
Instrument :
 BNA_F
 ClientSampleId :
 MW-05

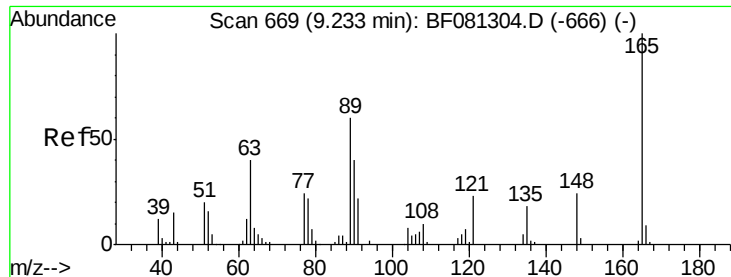
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	44.8	29.7	44.5#



#44
 2-Fluorobiphenyl
 Concen: 84.71 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081363.D
 Acq: 2 Sep 2015 22:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.1	39.1
170	24.1	17.4	26.2

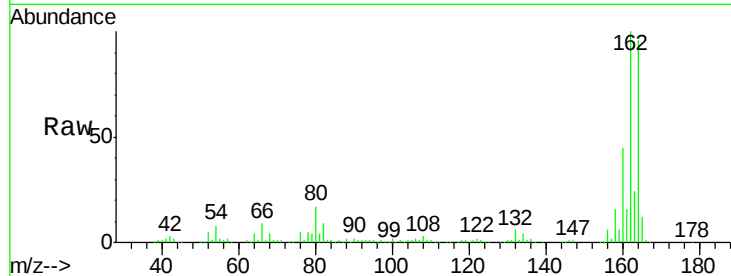




#50
 2,6-Dinitrotoluene
 Concen: 7.52 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.18 min
 Lab File: BF081363.D
 Acq: 2 Sep 2015 22:49

Instrument :
 BNA_F
 ClientSampled :
 MW-05

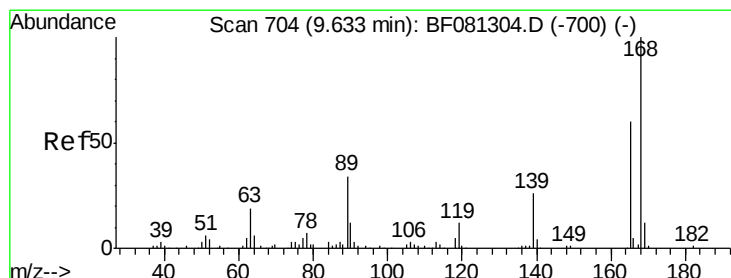
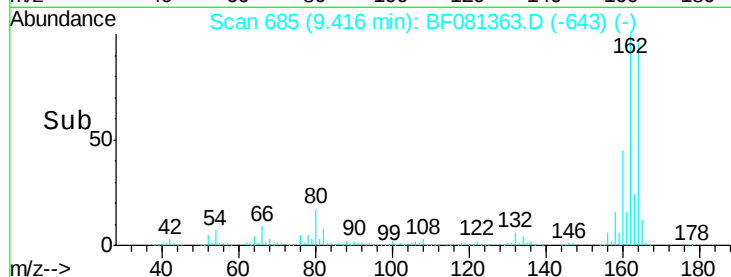
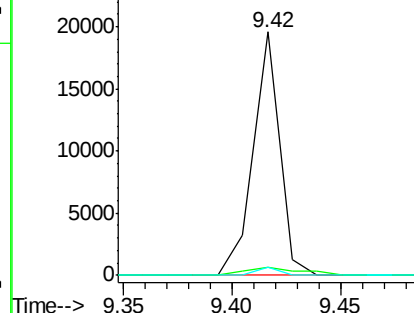
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.3	32.3	48.5#
89	3.1	28.6	43.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.91 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.22 min
 Lab File: BF081363.D
 Acq: 2 Sep 2015 22:49

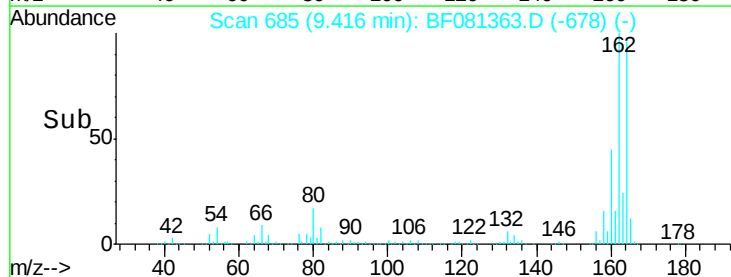
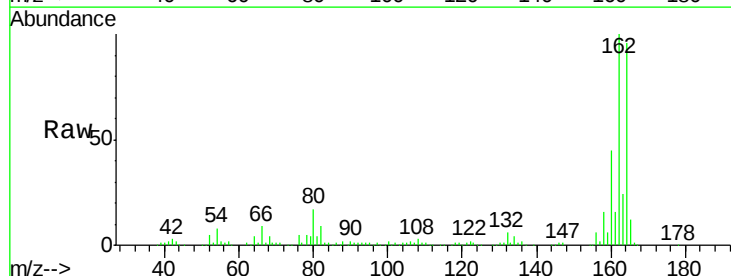
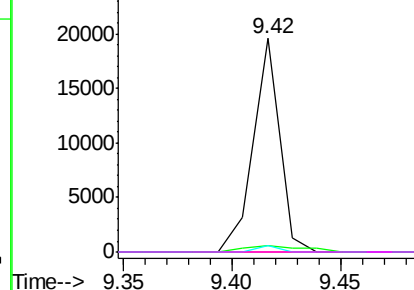
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.3	29.8	44.6#
89	3.1	44.5	66.7#
182	0.0	3.0	4.4#

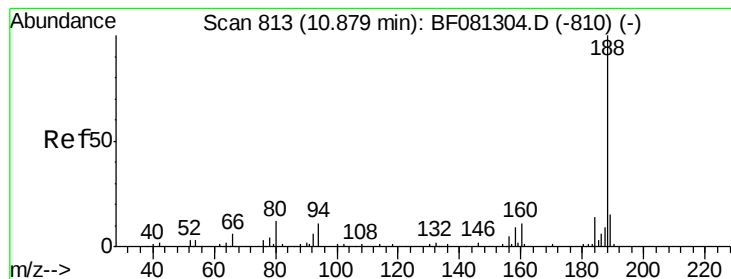
Abundance Ion 165.00 (164.70 to 165.70): E

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF081363.D

Acq: 2 Sep 2015 22:49

Instrument :

BNA_F

ClientSampleId :

MW-05

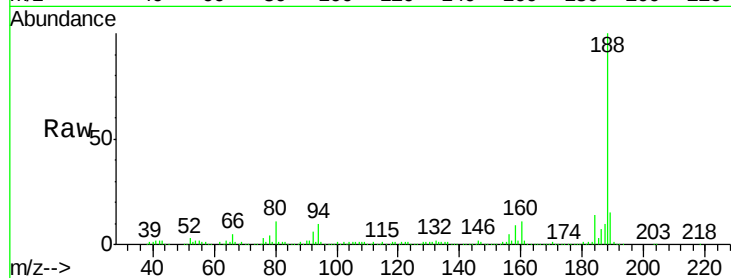
Tot Ion:188 Resp: 222732

Ion Ratio Lower Upper

188 100

94 9.7 11.1 16.7#

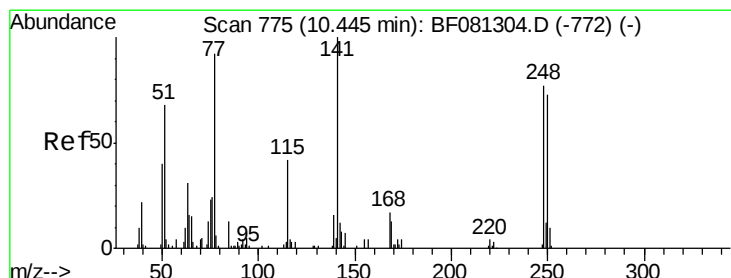
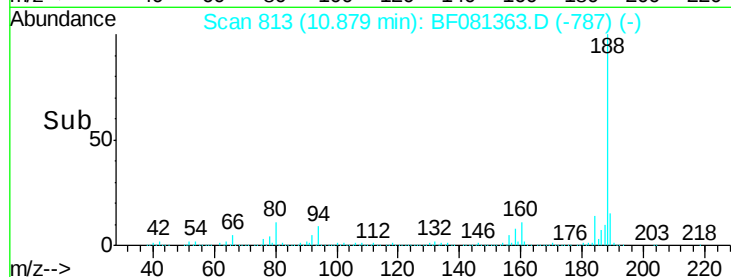
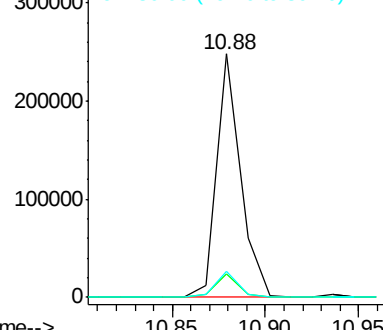
80 10.8 11.0 16.4#



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



#66

4-Bromophenyl-phenylether

Concen: 4.37 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.24 min

Lab File: BF081363.D

Acq: 2 Sep 2015 22:49

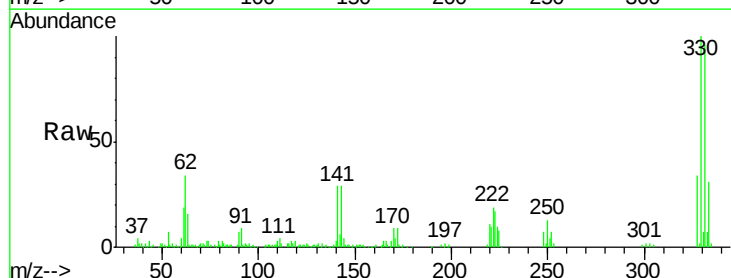
Tgt Ion:248 Resp: 9843

Ion Ratio Lower Upper

248 100

250 190.0 78.5 117.7#

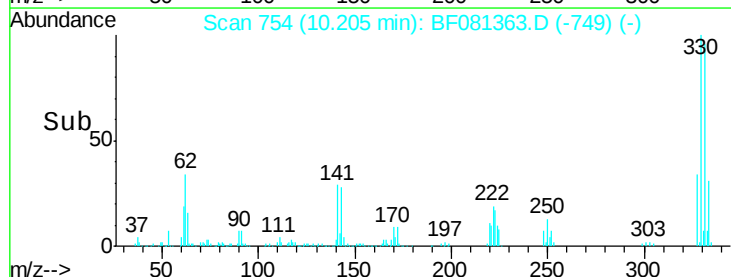
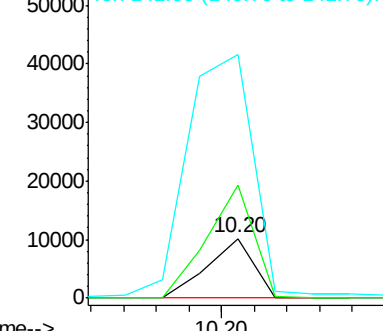
141 407.4 59.0 88.6#

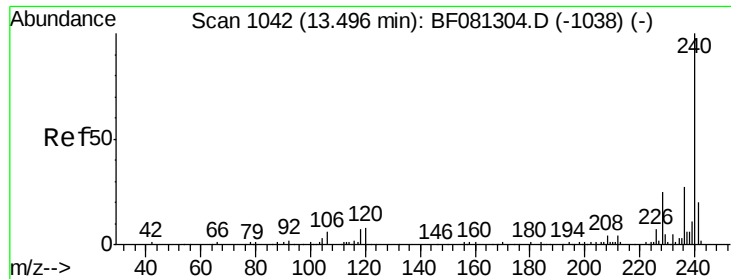


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

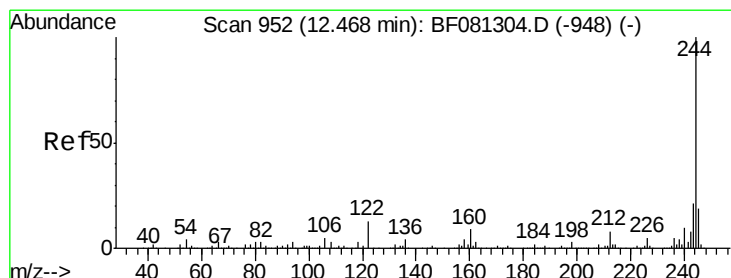
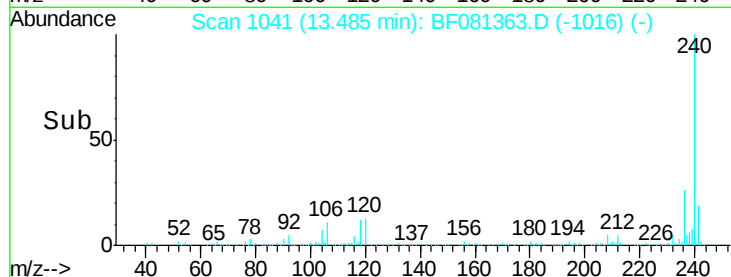
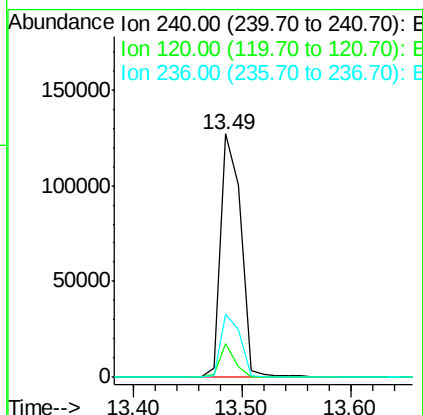
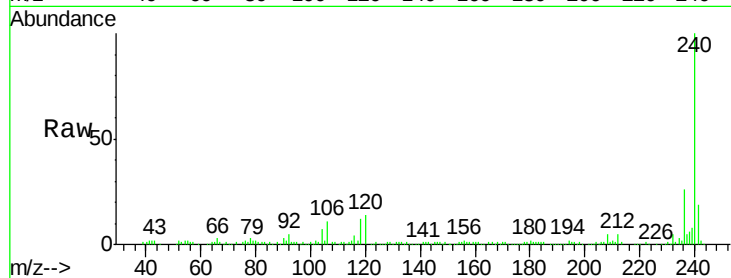




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF081363.D
Acq: 2 Sep 2015 22:49

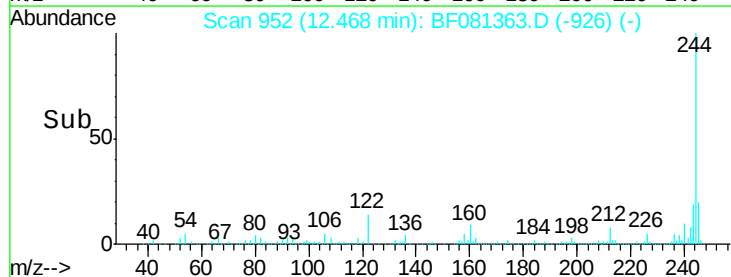
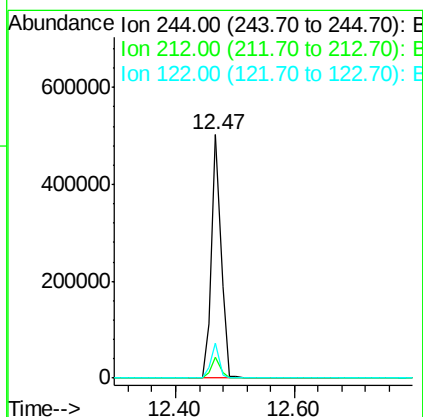
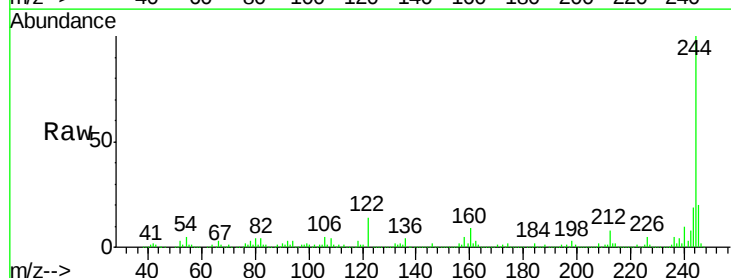
Instrument :
BNA_F
ClientSampleId :
MW-05

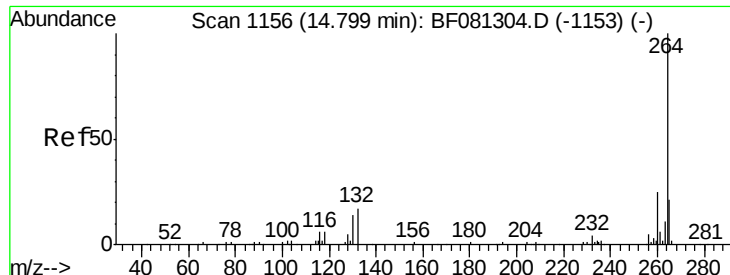
Tot Ion:240 Resp: 164354
Ion Ratio Lower Upper
240 100
120 13.6 16.2 24.2#
236 25.8 18.4 27.6



#78
Terphenyl-d14
Concen: 80.02 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF081363.D
Acq: 2 Sep 2015 22:49

Tgt Ion:244 Resp: 564971
Ion Ratio Lower Upper
244 100
212 8.5 4.3 6.5#
122 14.1 17.4 26.2#



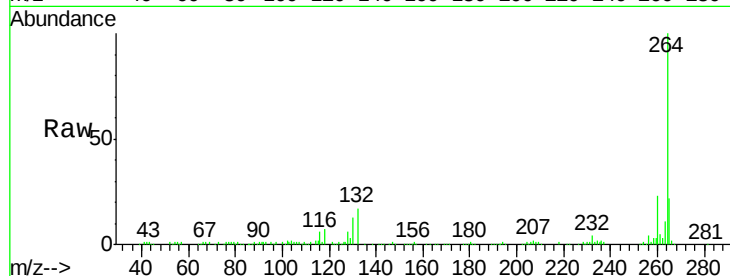


#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF081363.D
Acq: 2 Sep 2015 22:49

Instrument :
BNA_F
ClientSampleId :
MW-05

Tot Ion: 264 Resp: 114706

Ion	Ratio	Lower	Upper
264	100		
260	22.9	16.7	25.1
265	21.6	17.2	25.8



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

