

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081495.D
 Acq On : 6 Sep 2015 7:09
 Operator : UM/IZ
 Sample : G3557-05
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-090215

Quant Time: Sep 07 01:35:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

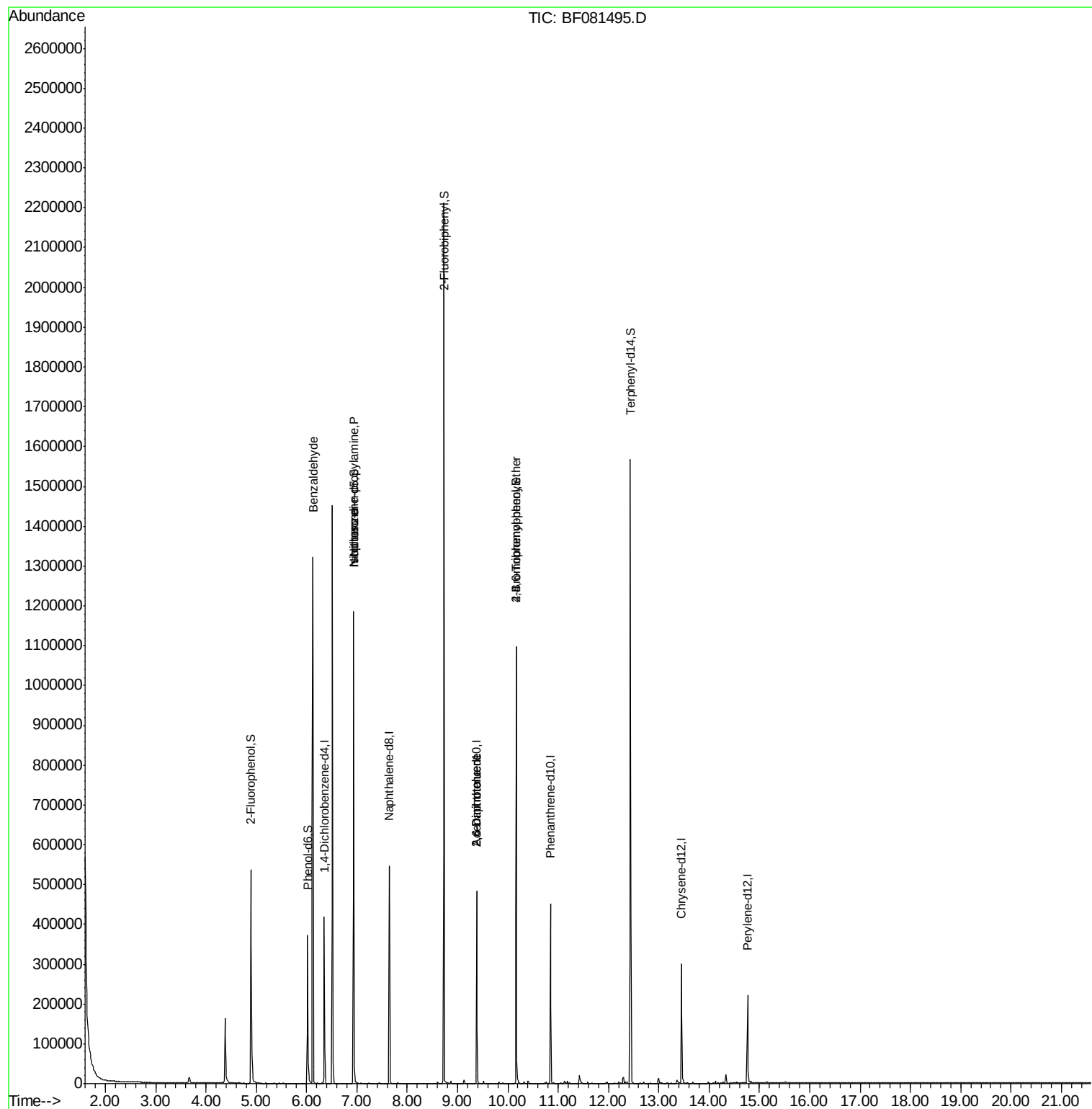
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	55858	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	213770	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	97369	20.00	ng	-0.03
63) Phenanthrene-d10	10.84	188	183434	20.00	ng	-0.03
75) Chrysene-d12	13.45	240	133768	20.00	ng	-0.05
86) Perylene-d12	14.77	264	100103	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	176042	48.90	ng	-0.03
7) Phenol-d6	6.02	99	136945	28.74	ng	-0.03
23) Nitrobenzene-d5	6.94	82	390513	88.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	109363	126.14	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	649095	85.43	ng	-0.03
78) Terphenyl-d14	12.43	244	514390	89.51	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.12	77	9541	3.20	ng	# 62
19) n-Nitroso-di-n-propylamine	6.94	70	53593	16.52	ng	# 63
25) Isophorone	6.94	82	285123	34.60	ng	# 58
50) 2,6-Dinitrotoluene	9.38	165	12246	7.13	ng	# 37
56) 2,4-Dinitrotoluene	9.38	165	12246	5.60	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	8970	4.84	ng	# 1

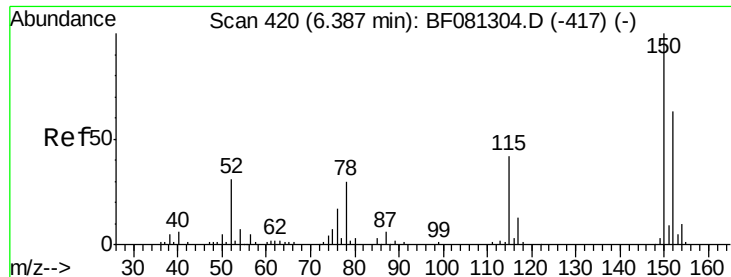
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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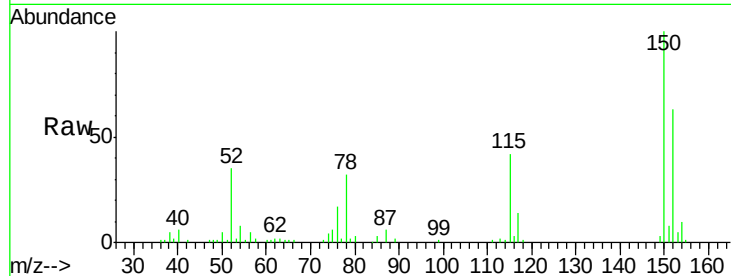


#1

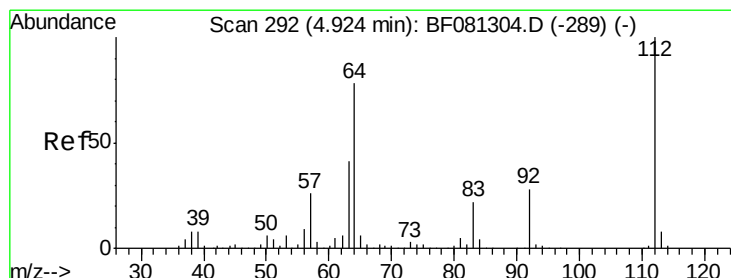
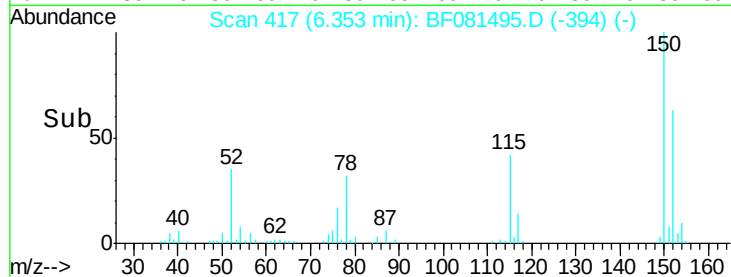
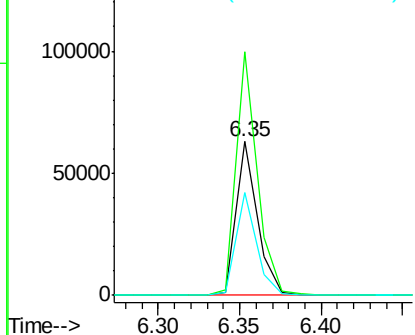
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081495.D
Acq: 6 Sep 2015 7:09

Instrument :
BNA_F
ClientSampleId :
MW-9-090215

Tot Ion:152 Resp: 55858
Ion Ratio Lower Upper
152 100
150 158.2 124.7 187.1
115 67.2 39.0 58.4#



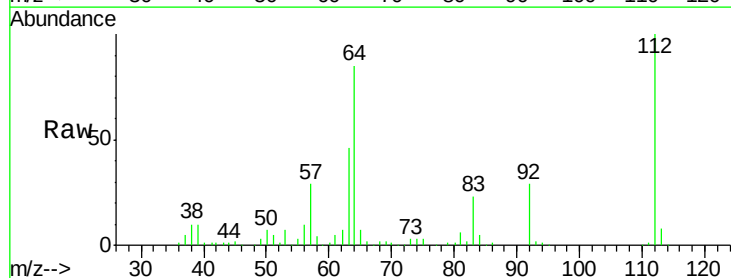
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



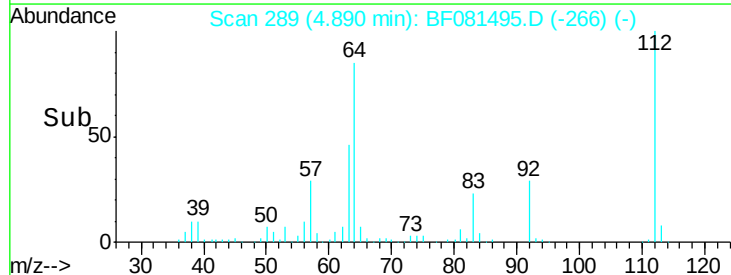
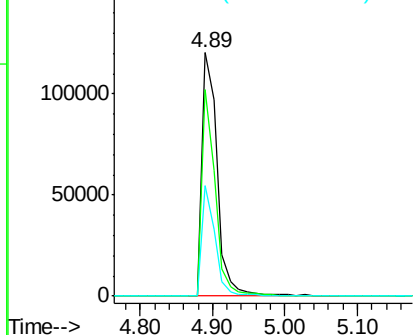
#5

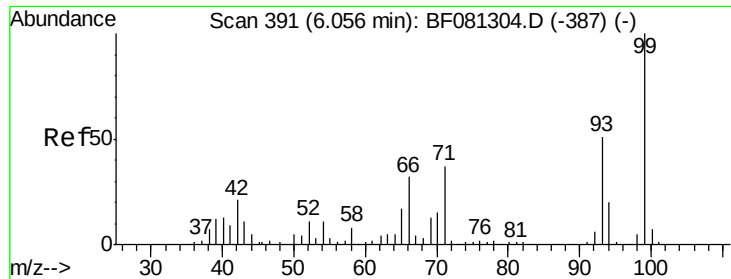
2-Fluorophenol
Concen: 48.90 ng
RT: 4.89 min Scan# 289
Delta R.T. -0.03 min
Lab File: BF081495.D
Acq: 6 Sep 2015 7:09

Tgt Ion:112 Resp: 176042
Ion Ratio Lower Upper
112 100
64 85.1 39.7 59.5#
63 45.5 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: 28.74 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF081495.D

Acq: 6 Sep 2015 7:09

Instrument :

BNA_F

ClientSampleId :

MW-9-090215

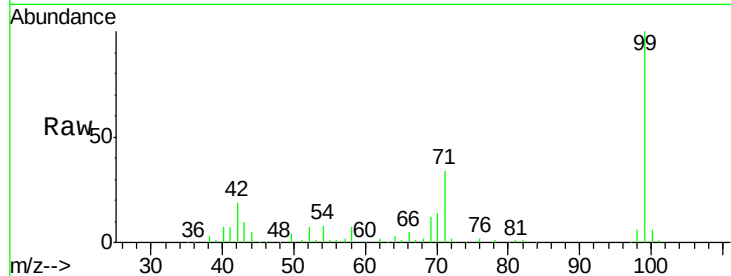
Tot Ion: 99 Resp: 136945

Ion Ratio Lower Upper

99 100

42 19.1 13.7 20.5

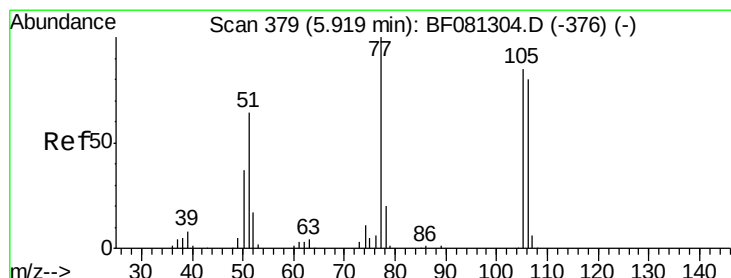
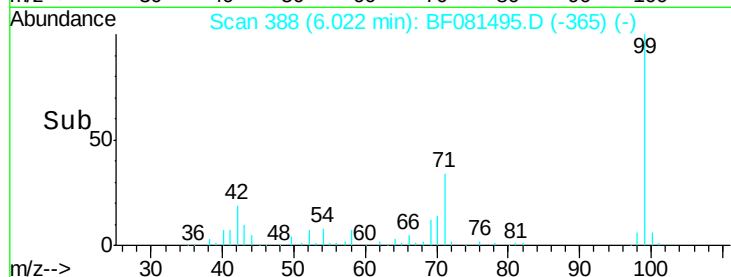
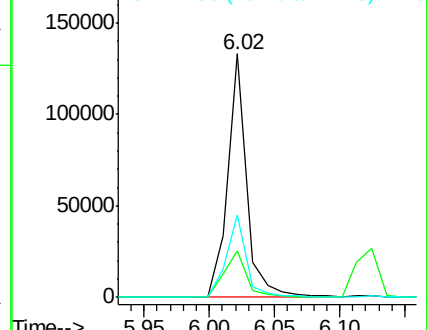
71 33.9 14.2 21.2#



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: 3.20 ng

RT: 6.12 min Scan# 397

Delta R.T. 0.21 min

Lab File: BF081495.D

Acq: 6 Sep 2015 7:09

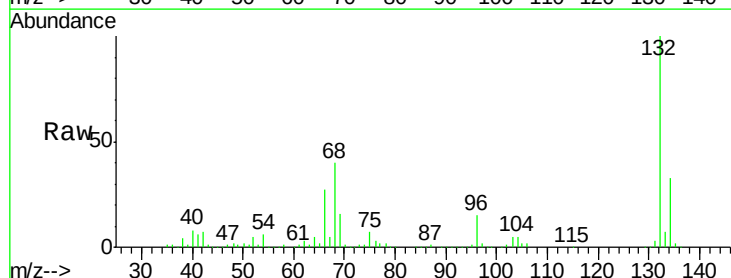
Tgt Ion: 77 Resp: 9541

Ion Ratio Lower Upper

77 100

105 80.0 91.6 131.6#

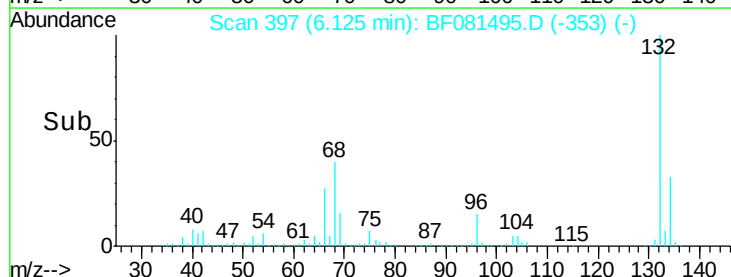
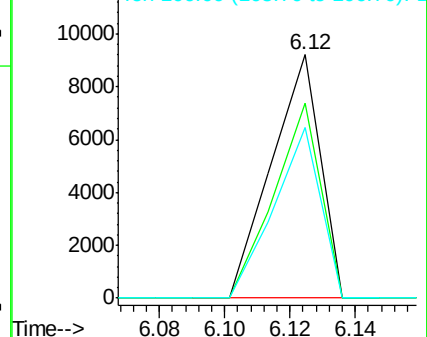
106 70.3 102.6 142.6#

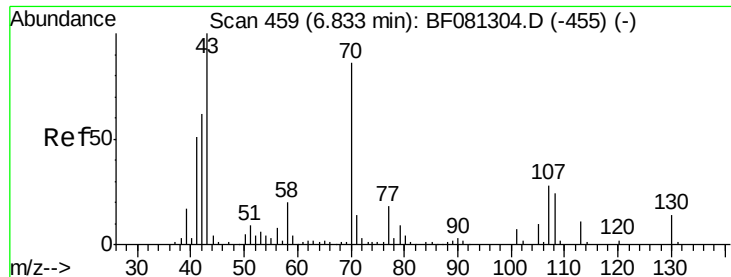


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

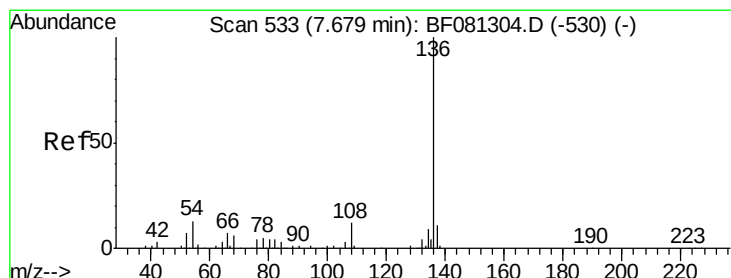
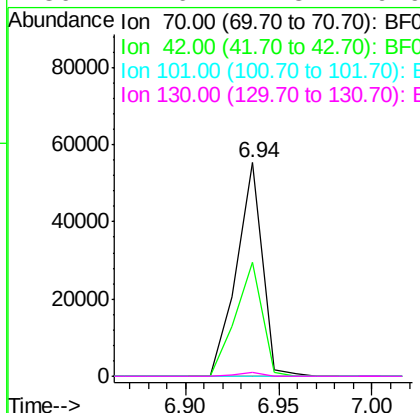
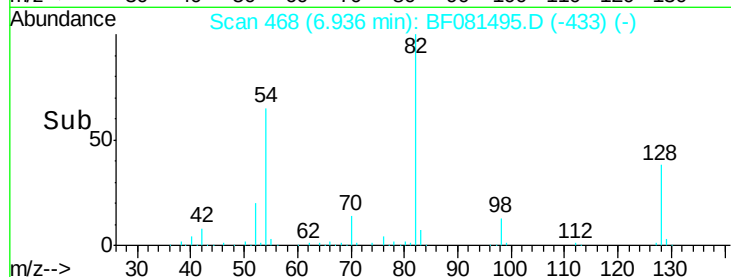
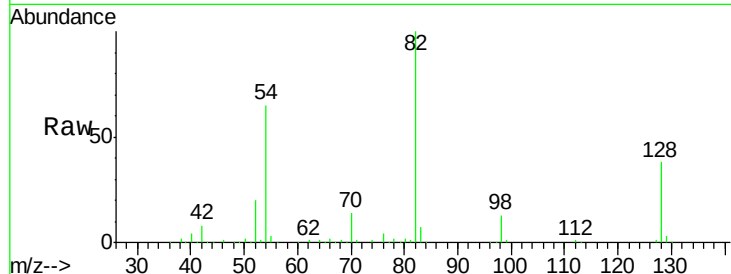




#19
n-Nitroso-di-n-propylamine
Concen: 16.52 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.10 min
Lab File: BF081495.D
Acq: 6 Sep 2015 7:09

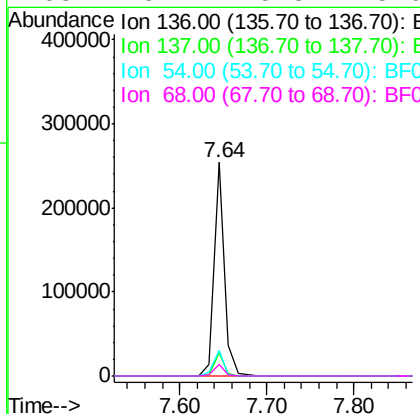
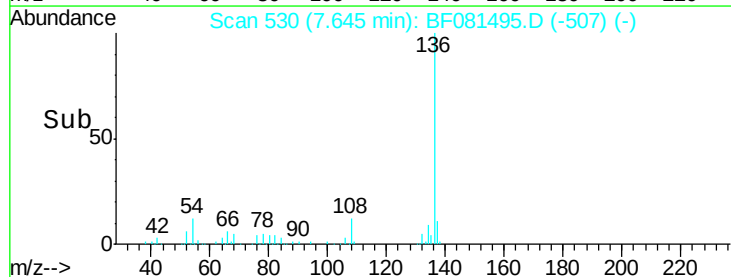
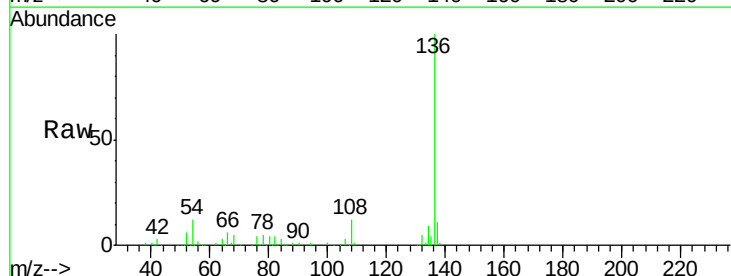
Instrument :
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MW-9-090215

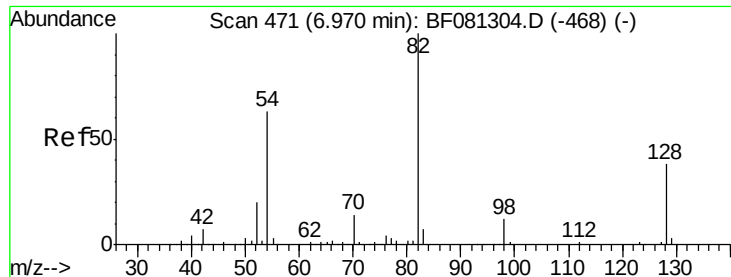
Tot Ion: 70 Resp: 53593
Ion Ratio Lower Upper
70 100
42 53.2 63.8 95.6#
101 0.0 9.2 13.8#
130 1.6 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF081495.D
Acq: 6 Sep 2015 7:09

Tgt Ion: 136 Resp: 213770
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 11.9 8.2 12.2
68 5.4 5.8 8.6#

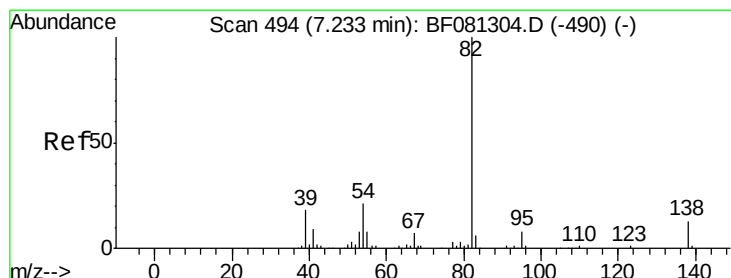
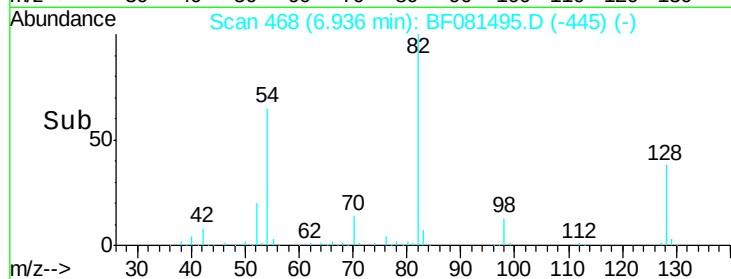
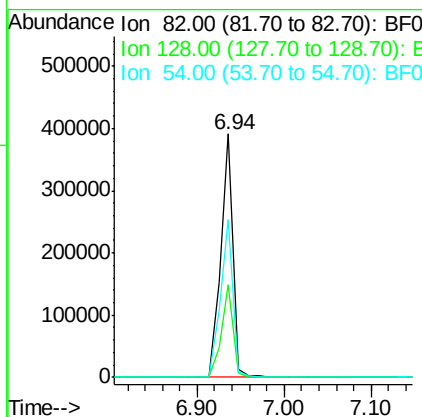
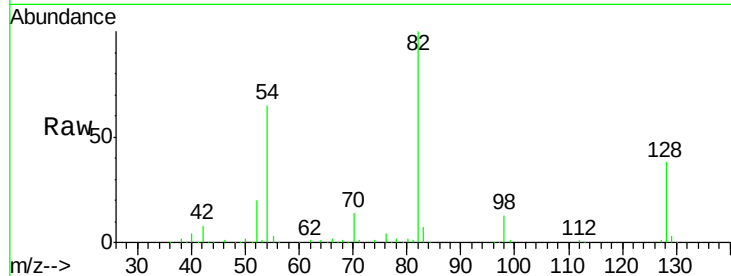




#23
 Nitrobenzene-d5
 Concen: 88.14 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF081495.D
 Acq: 6 Sep 2015 7:09

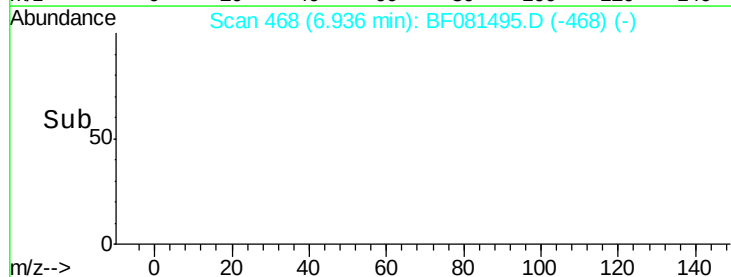
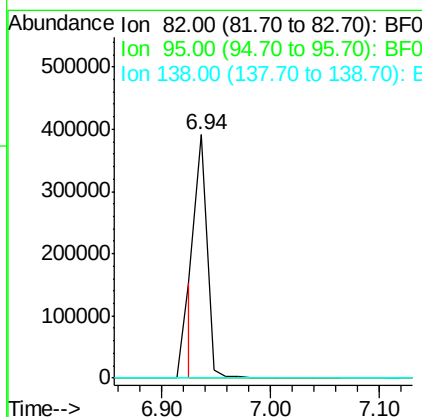
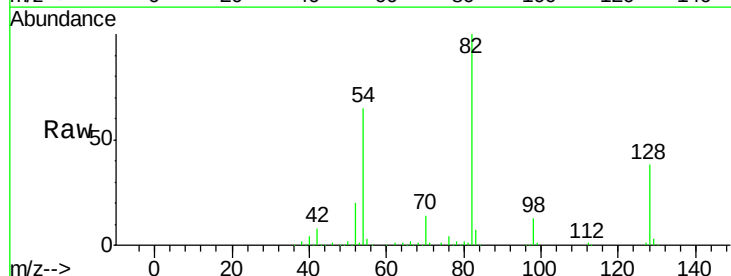
Instrument :
 BNA_F
 ClientSampleId :
 MW-9-090215

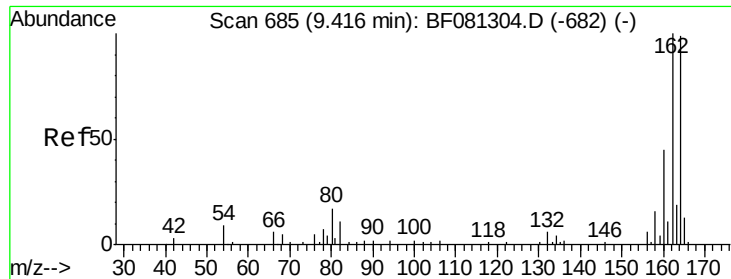
Tot Ion: 82 Resp: 390513
 Ion Ratio Lower Upper
 82 100
 128 38.2 51.0 76.6#
 54 64.6 47.5 71.3



#25
 Isophorone
 Concen: 34.60 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.30 min
 Lab File: BF081495.D
 Acq: 6 Sep 2015 7:09

Tgt Ion: 82 Resp: 285123
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF081495.D

Acq: 6 Sep 2015 7:09

Instrument :

BNA_F

ClientSampleId :

MW-9-090215

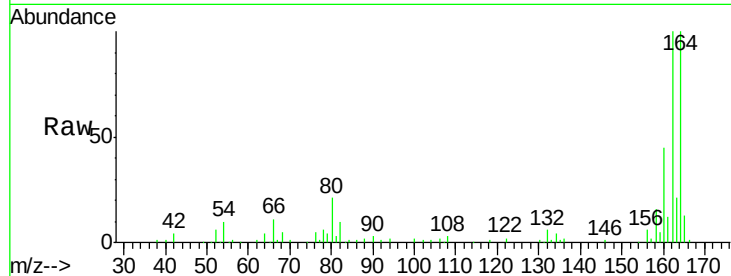
Tot Ion:164 Resp: 97369

Ion Ratio Lower Upper

164 100

162 99.7 75.2 112.8

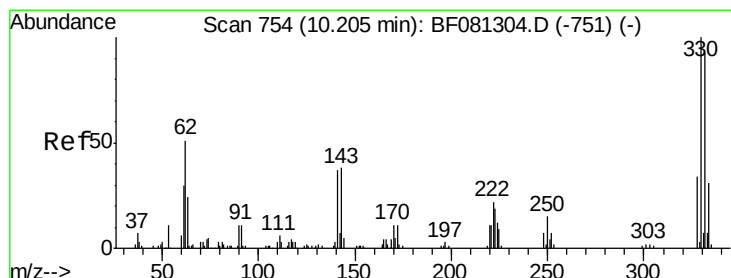
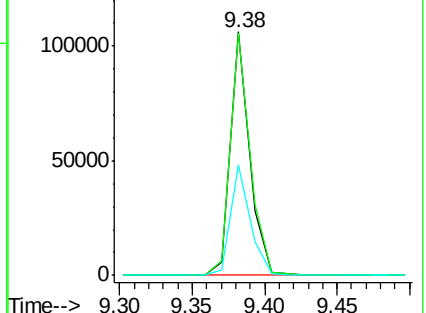
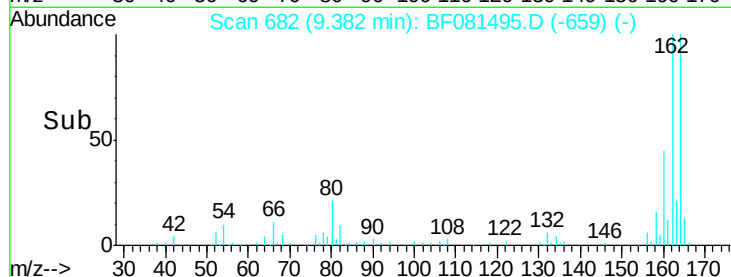
160 45.3 31.5 47.3



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: 126.14 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.03 min

Lab File: BF081495.D

Acq: 6 Sep 2015 7:09

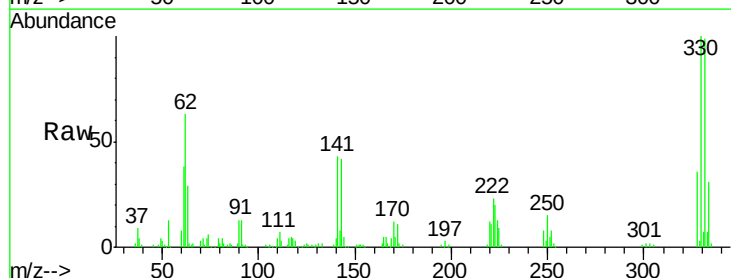
Tgt Ion:330 Resp: 109363

Ion Ratio Lower Upper

330 100

332 99.0 76.6 114.8

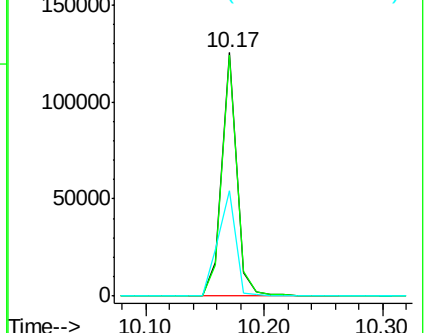
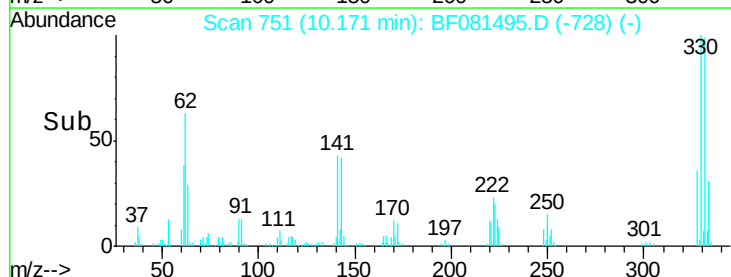
141 51.1 29.7 44.5#

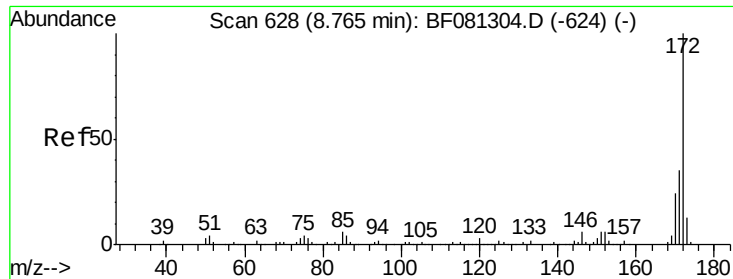


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

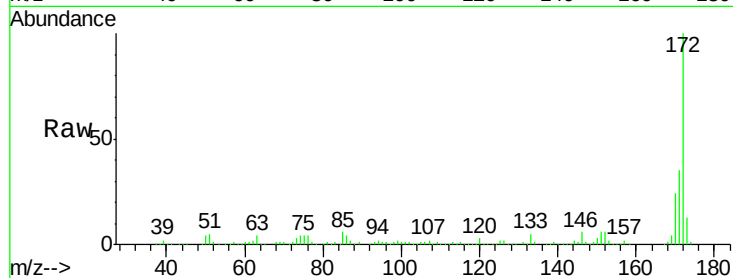




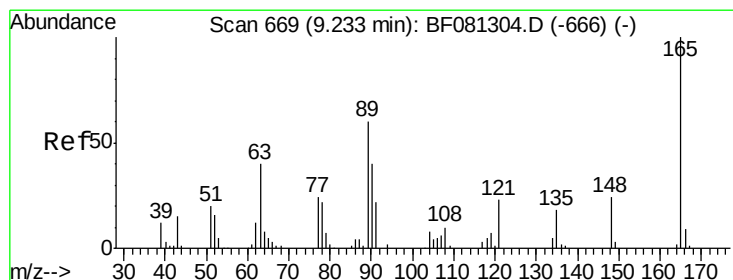
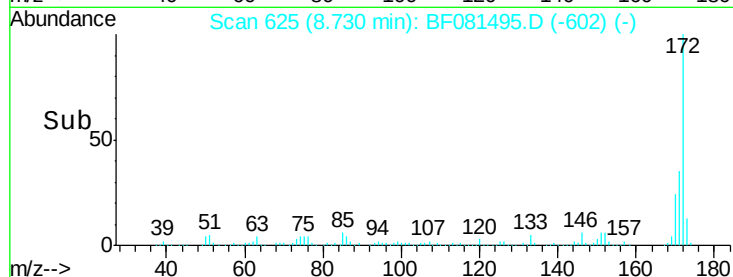
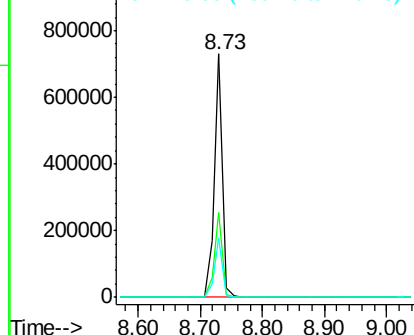
#44
 2-Fluorobiphenyl
 Concen: 85.43 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081495.D
 Acq: 6 Sep 2015 7:09

Instrument :
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 MW-9-090215

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.1	39.1
170	24.4	17.4	26.2

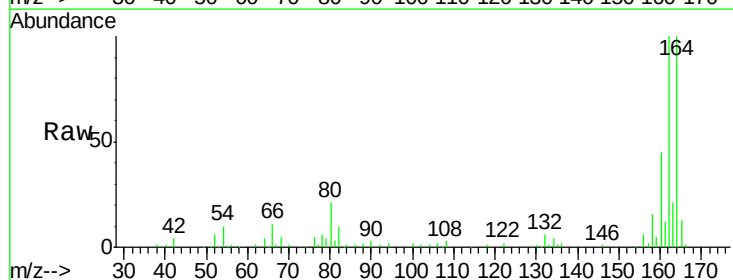


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

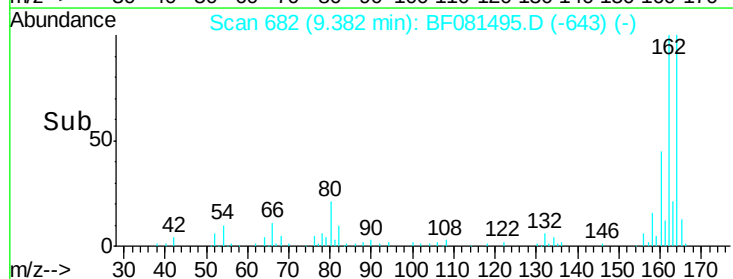
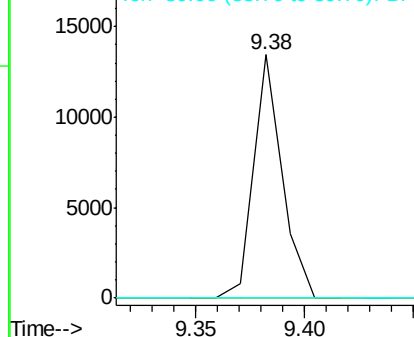


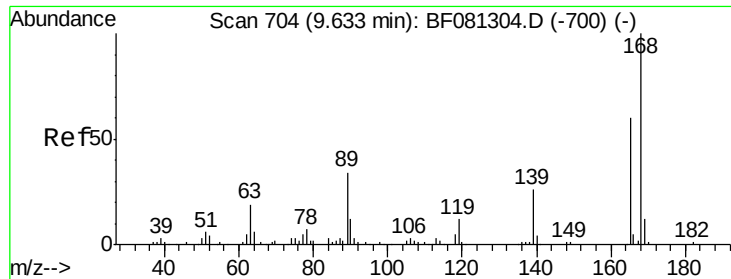
#50
 2,6-Dinitrotoluene
 Concen: 7.13 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.15 min
 Lab File: BF081495.D
 Acq: 6 Sep 2015 7:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	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

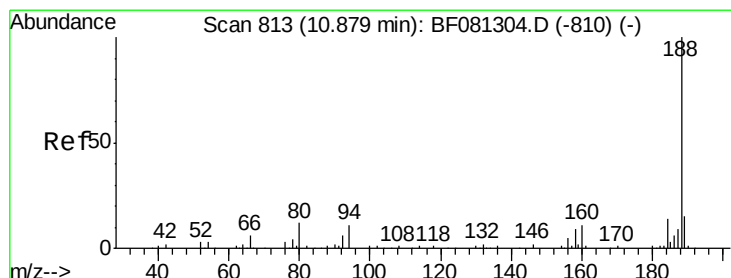
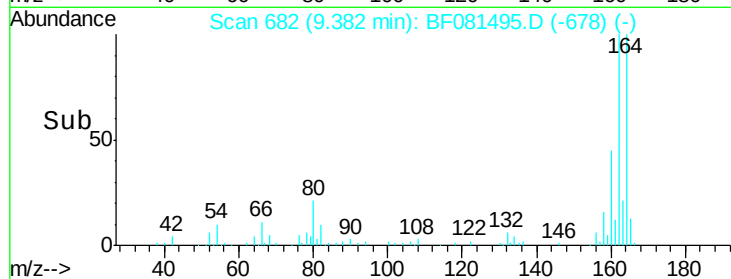
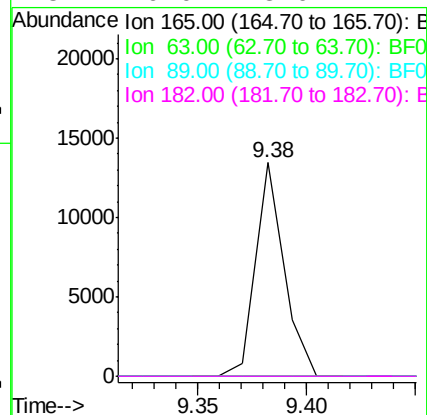
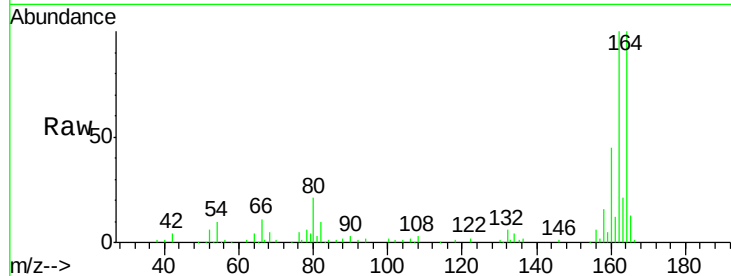




#56
 2,4-Dinitrotoluene
 Concen: 5.60 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.25 min
 Lab File: BF081495.D
 Acq: 6 Sep 2015 7:09

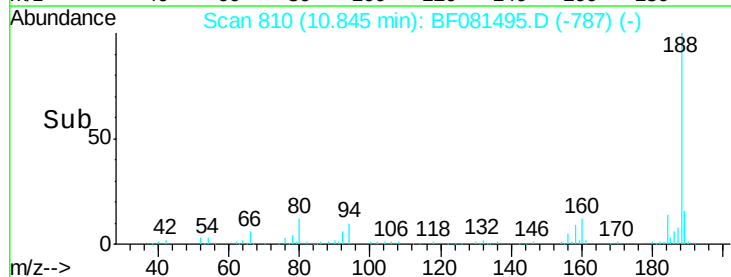
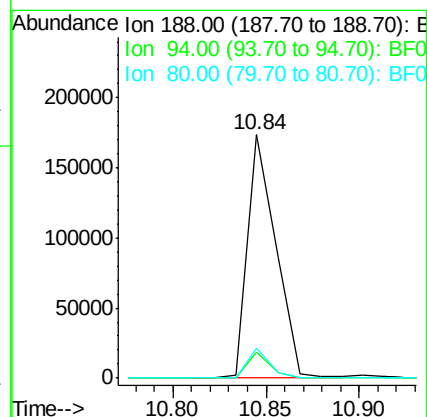
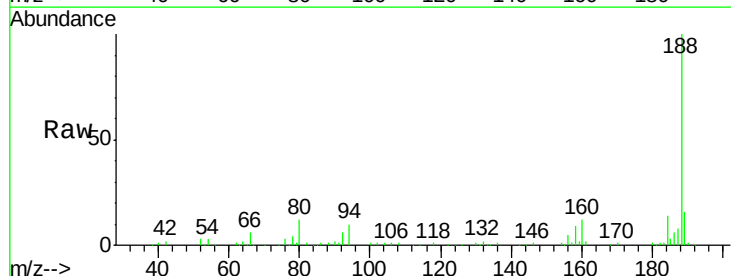
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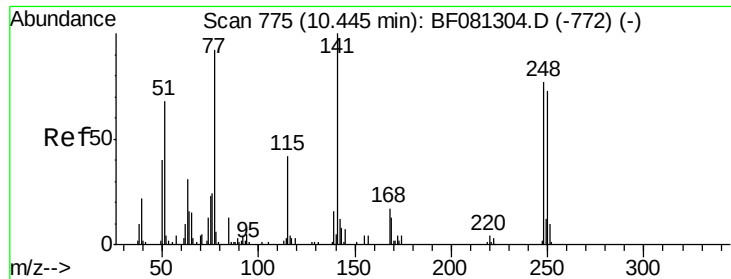
Tot Ion:	165	Resp:	12246
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF081495.D
 Acq: 6 Sep 2015 7:09

Tgt Ion:	188	Resp:	183434
Ion	Ratio	Lower	Upper
188	100		
94	10.5	11.1	16.7#
80	12.0	11.0	16.4





#66

4-Bromophenyl-phenylether

Concen: 4.84 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.27 min

Lab File: BF081495.D

Acq: 6 Sep 2015 7:09

Instrument :

BNA_F

ClientSampleId :

MW-9-090215

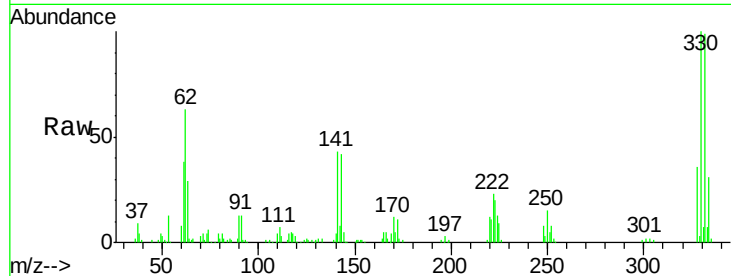
Tot Ion:248 Resp: 8970

Ion Ratio Lower Upper

248 100

250 191.7 78.5 117.7#

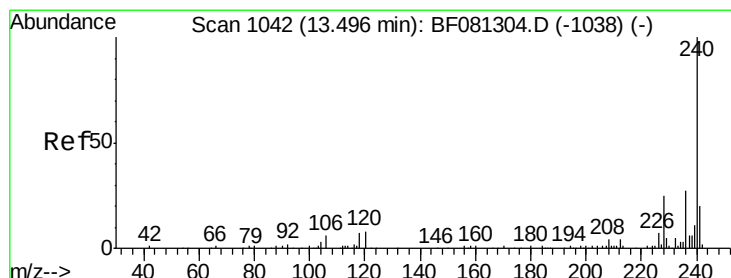
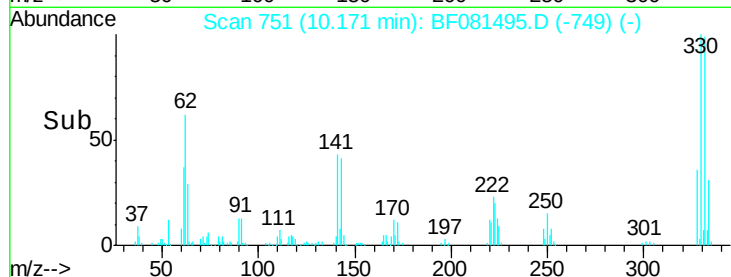
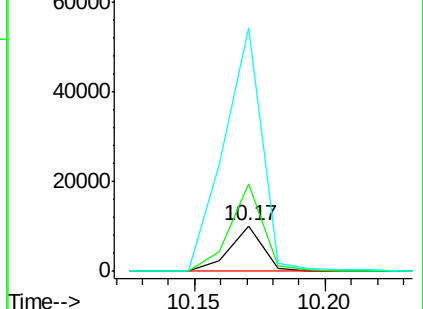
141 537.0 59.0 88.6#



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: 13.45 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF081495.D

Acq: 6 Sep 2015 7:09

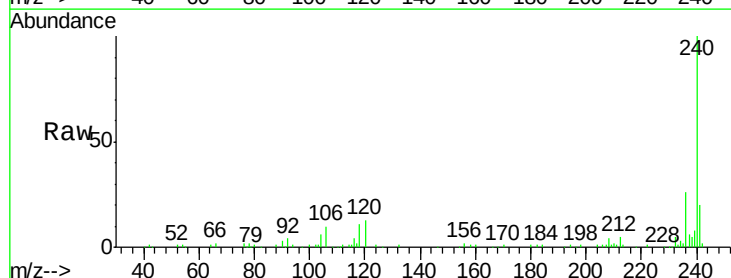
Tgt Ion:240 Resp: 133768

Ion Ratio Lower Upper

240 100

120 12.8 16.2 24.2#

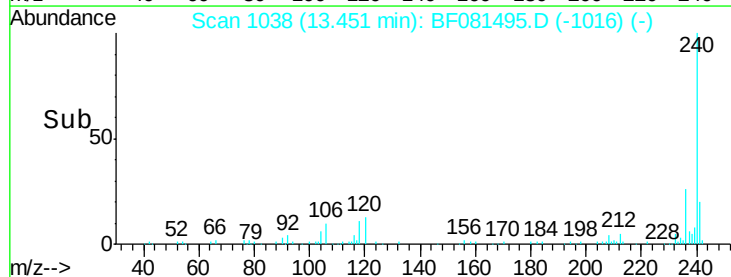
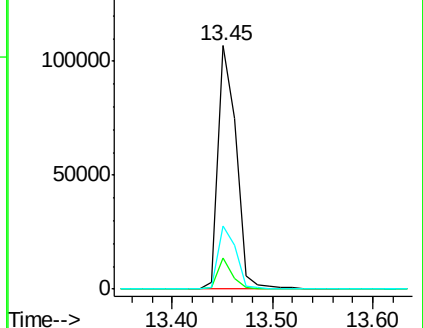
236 25.7 18.4 27.6

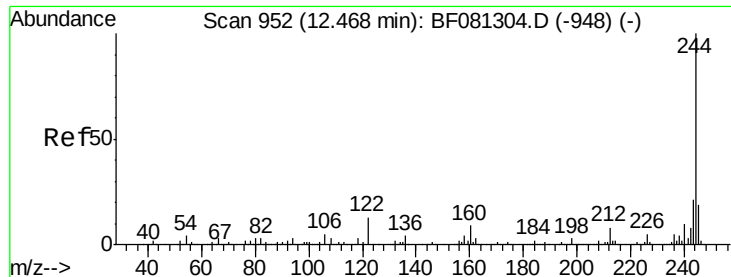


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

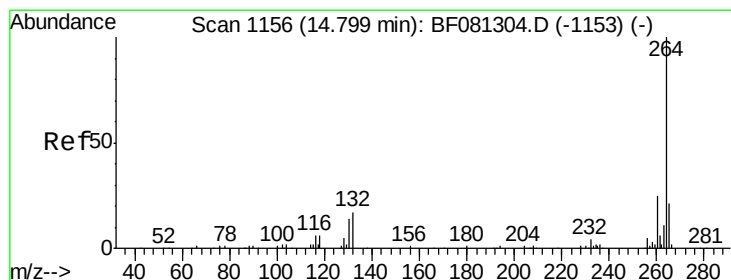
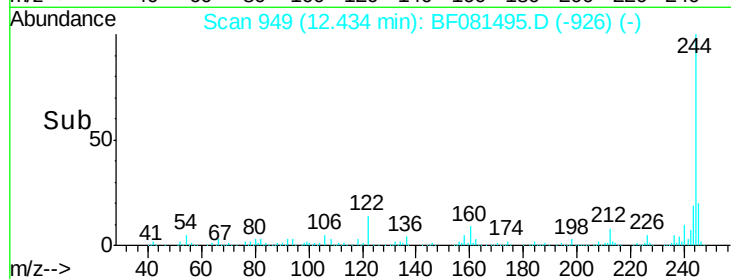
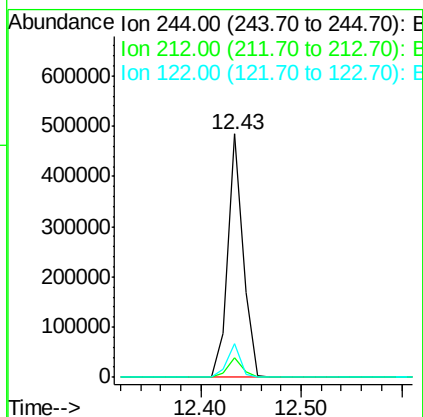
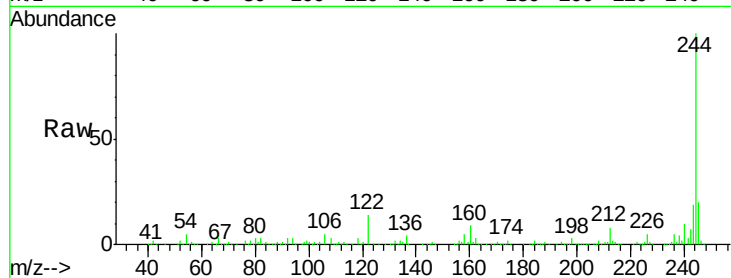




#78
 Terphenyl-d14
 Concen: 89.51 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF081495.D
 Acq: 6 Sep 2015 7:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-090215

Tot Ion:244 Resp: 514390
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 13.9 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF081495.D
 Acq: 6 Sep 2015 7:09

Tgt Ion:264 Resp: 100103
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.2 17.2 25.8

