

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080661.D
 Acq On : 25 Jul 2015 10:20
 Operator : TP/UM
 Sample : G3079-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-7-22-15

Quant Time: Jul 27 01:17:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	53779	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	189229	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	102693	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	168595	20.00	ng	0.00
75) Chrysene-d12	14.25	240	153171	20.00	ng	0.09
86) Perylene-d12	15.92	264	132954	20.00	ng	0.18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	150937	47.26	ng	0.00
7) Phenol-d6	6.54	99	108647	28.48	ng	0.00
23) Nitrobenzene-d5	7.49	82	258909	68.72	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	100080	108.47	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	453786	68.18	ng	0.00
78) Terphenyl-d14	13.08	244	488733	68.70	ng	0.02

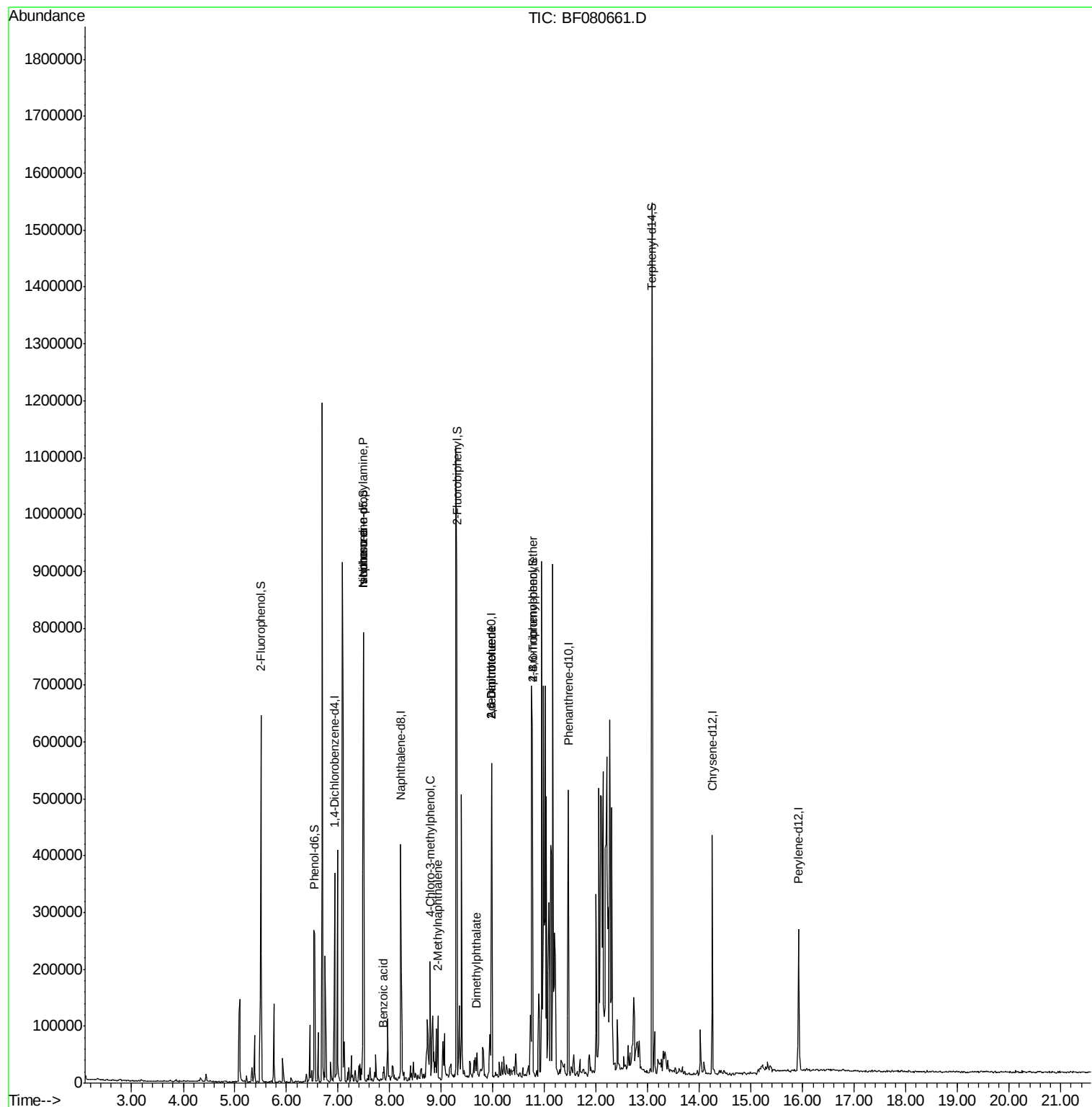
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.49	70	34509	12.54	ng	# 66
25) Isophorone	7.49	82	258611	39.14	ng	# 73
32) Benzoic acid	7.88	122	214	6.56	ng	# 1
36) 4-Chloro-3-methylphenol	8.78	107	28985	10.32	ng	# 28
37) 2-Methylnaphthalene	8.93	142	19555	2.89	ng	# 97
49) Dimethylphthalate	9.69	163	14760	2.01	ng	# 97
50) 2,6-Dinitrotoluene	9.97	165	13858	10.57	ng	# 4
56) 2,4-Dinitrotoluene	9.97	165	13858	8.00	ng	# 5
66) 4-Bromophenyl-phenylether	10.76	248	6736	4.24	ng	# 1

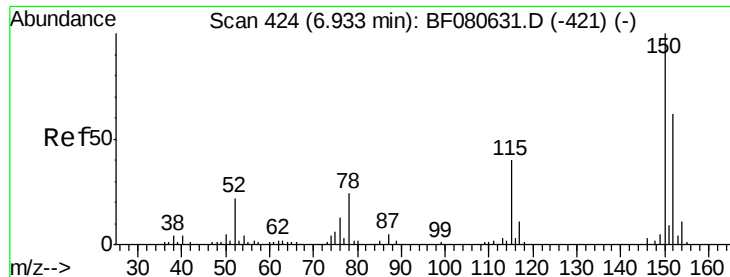
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080661.D

Acq: 25 Jul 2015 10:20

Instrument :

BNA_F

ClientSampleId :

MW-9-7-22-15

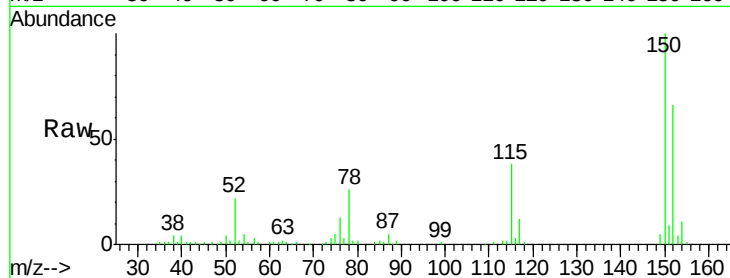
Tgt Ion:152 Resp: 53779

Ion Ratio Lower Upper

152 100

150 152.6 128.9 193.3

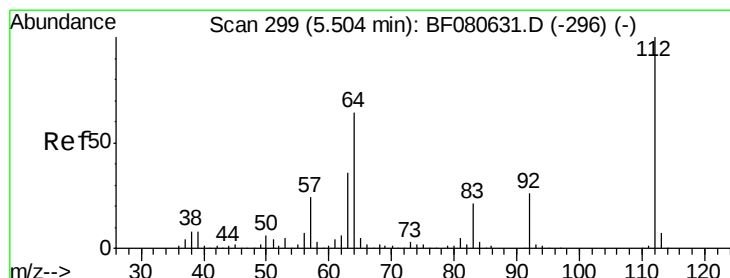
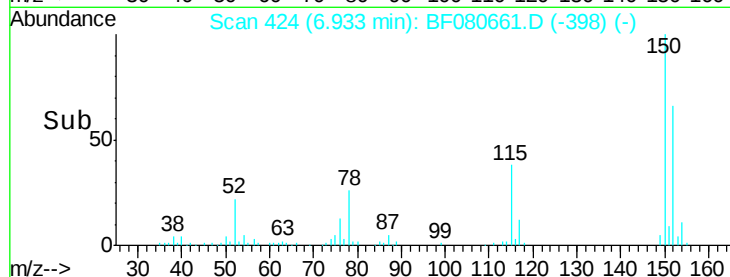
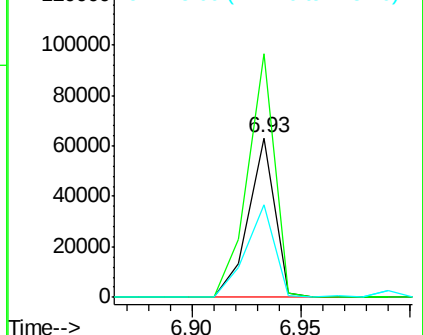
115 57.9 51.0 76.6



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: 47.26 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080661.D

Acq: 25 Jul 2015 10:20

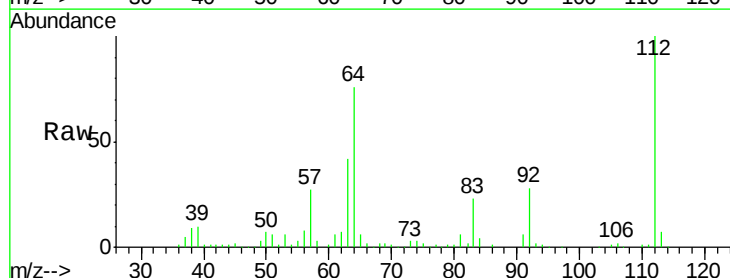
Tgt Ion:112 Resp: 150937

Ion Ratio Lower Upper

112 100

64 76.4 51.2 76.8

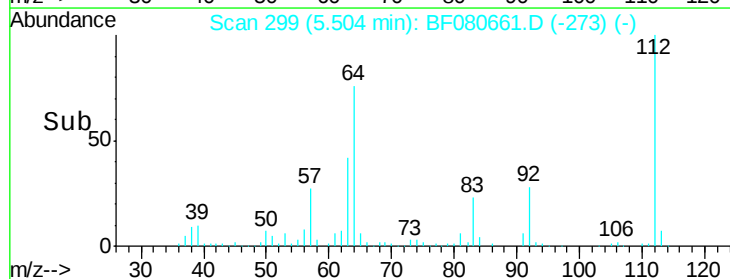
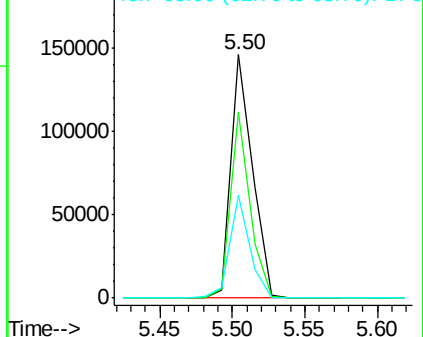
63 42.1 29.0 43.6

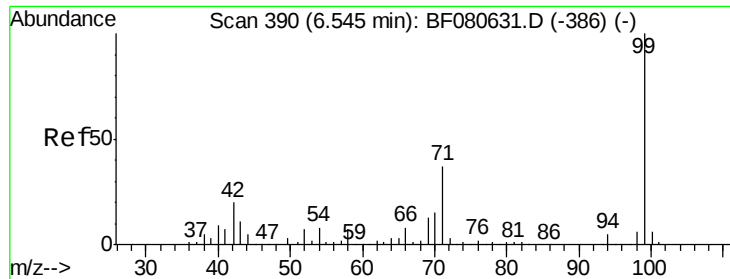


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.48 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080661.D

Acq: 25 Jul 2015 10:20

Instrument :

BNA_F

ClientSampleId :

MW-9-7-22-15

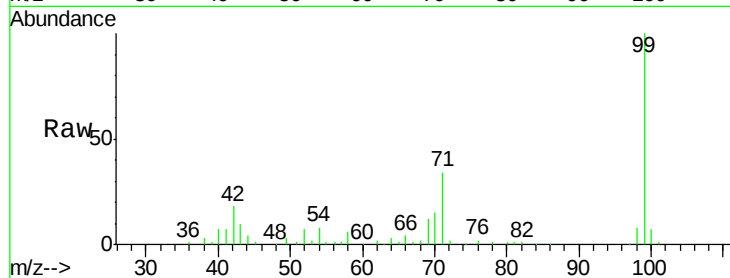
Tgt Ion: 99 Resp: 108647

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

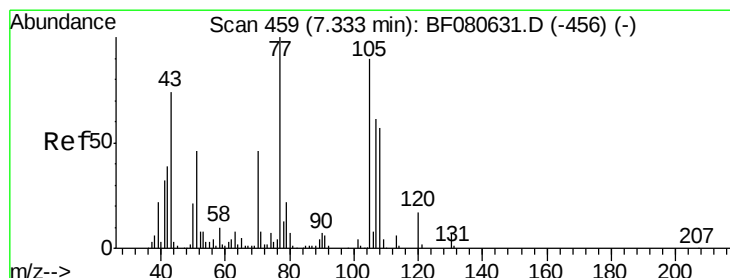
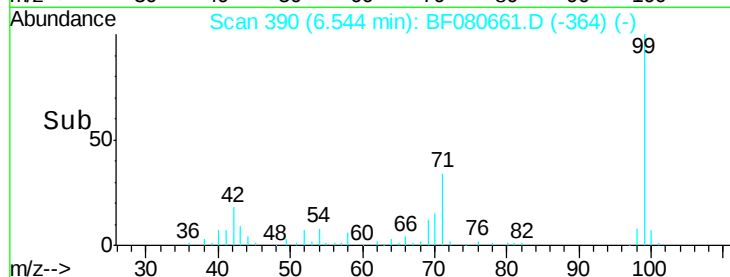
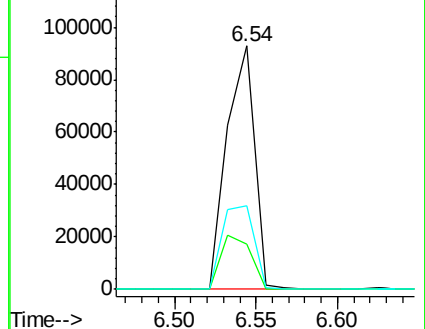
71 34.2 29.7 44.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.54 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.16 min

Lab File: BF080661.D

Acq: 25 Jul 2015 10:20

Tgt Ion: 70 Resp: 34509

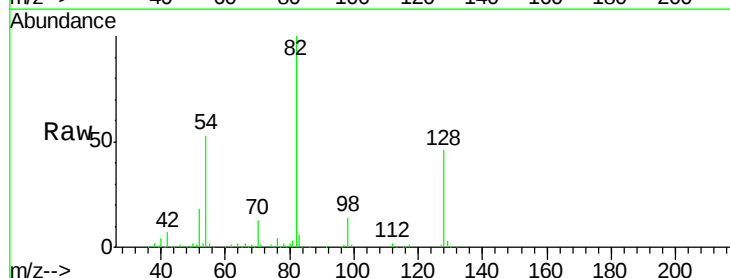
Ion Ratio Lower Upper

70 100

42 52.4 67.8 101.8#

101 0.0 6.6 9.8#

130 2.3 11.4 17.0#

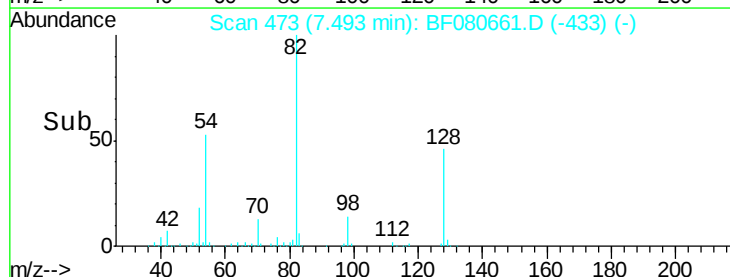
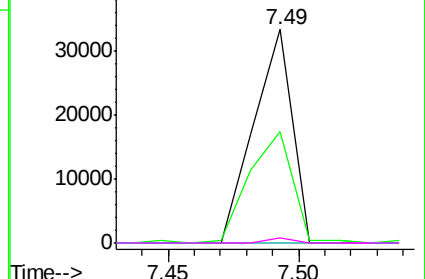


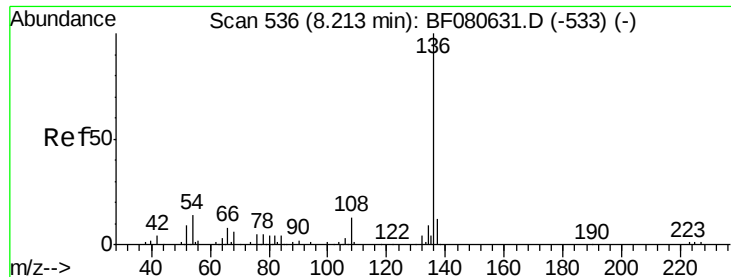
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

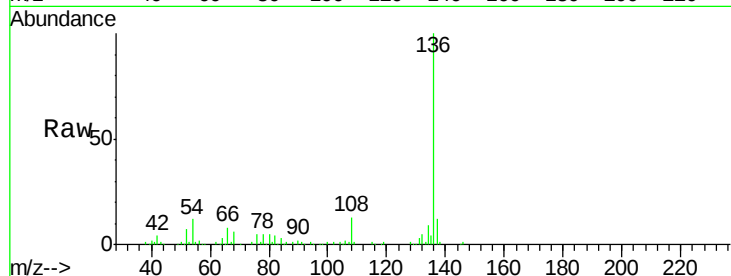




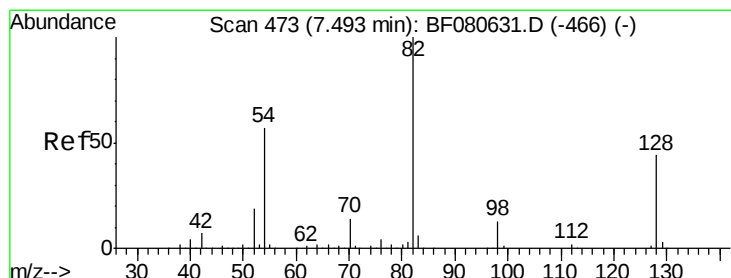
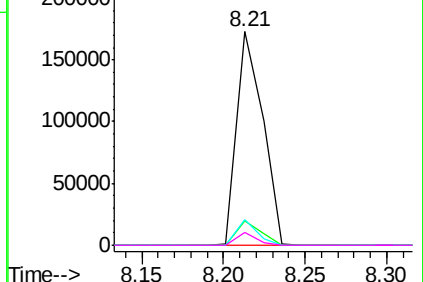
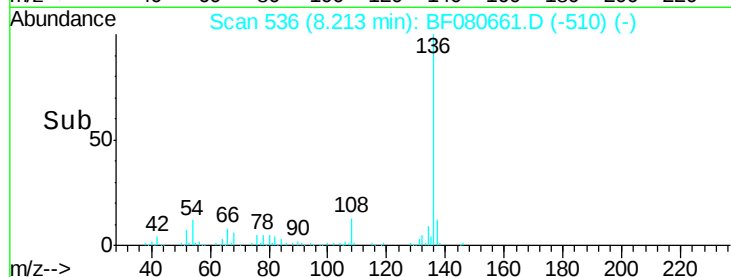
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080661.D
Acq: 25 Jul 2015 10:20

Instrument :
BNA_F
ClientSampleId :
MW-9-7-22-15

Tgt Ion:	136	Resp:	189229
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	12.0	11.6	17.4
68	5.8	5.0	7.4

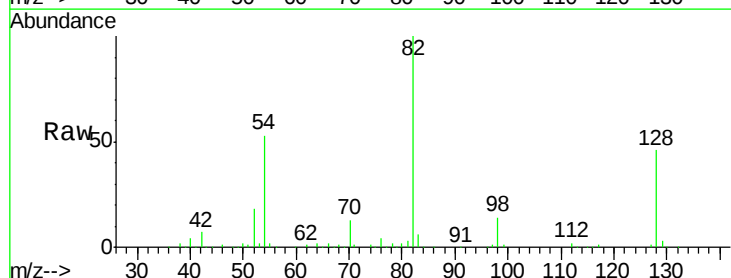


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

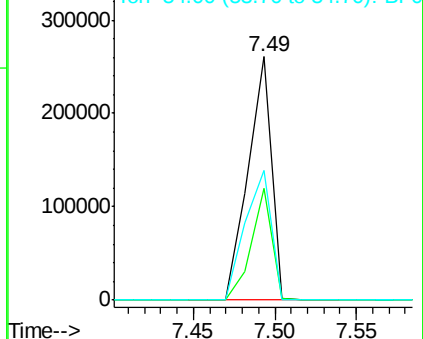
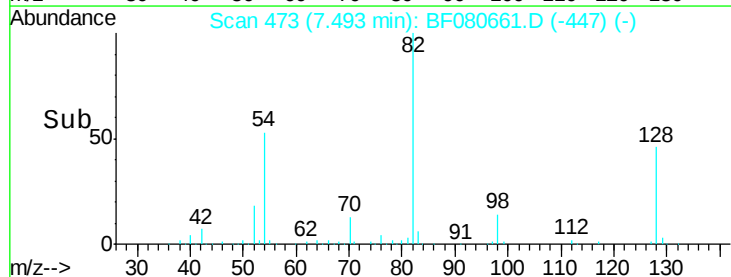


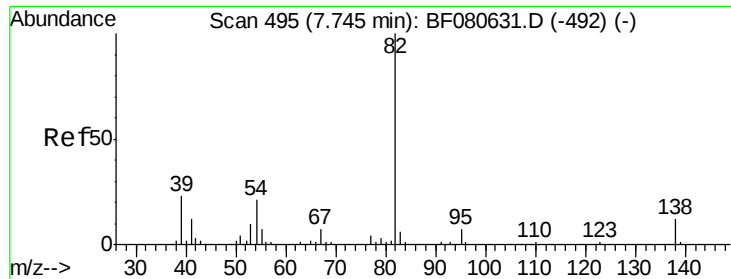
#23
Nitrobenzene-d5
Concen: 68.72 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF080661.D
Acq: 25 Jul 2015 10:20

Tgt Ion:	82	Resp:	258909
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.8	52.2
54	53.2	45.4	68.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 39.14 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.25 min

Lab File: BF080661.D

Acq: 25 Jul 2015 10:20

Instrument :

BNA_F

ClientSampleId :

MW-9-7-22-15

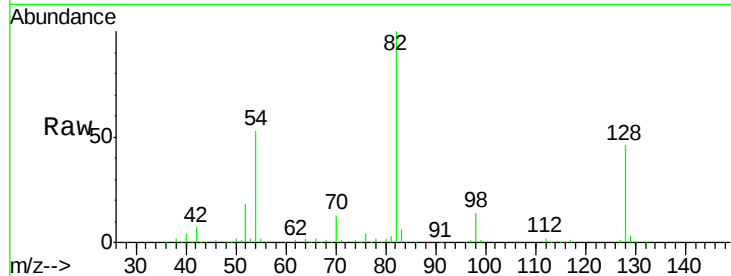
Tgt Ion: 82 Resp: 258611

Ion Ratio Lower Upper

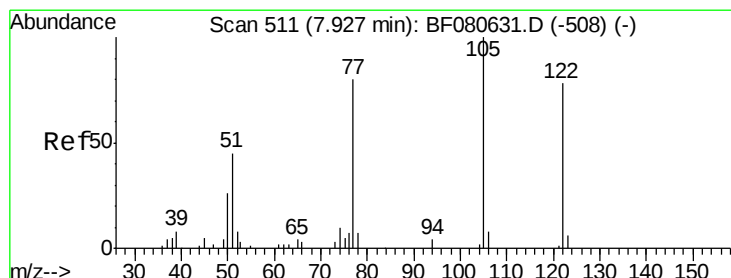
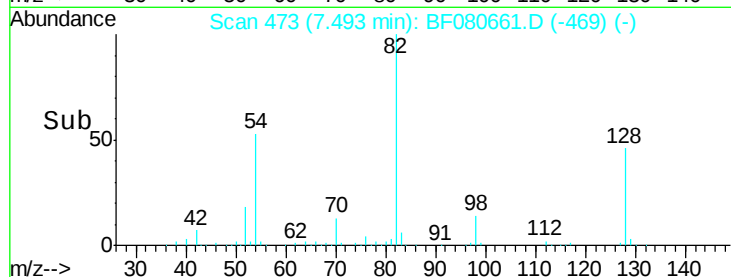
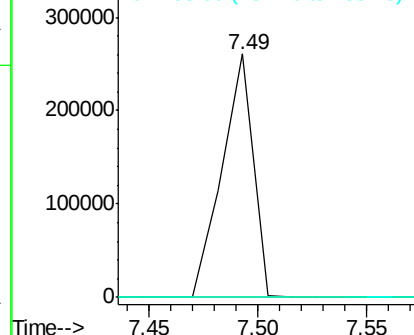
82 100

95 0.0 5.5 8.3#

138 0.0 9.7 14.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 6.56 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.05 min

Lab File: BF080661.D

Acq: 25 Jul 2015 10:20

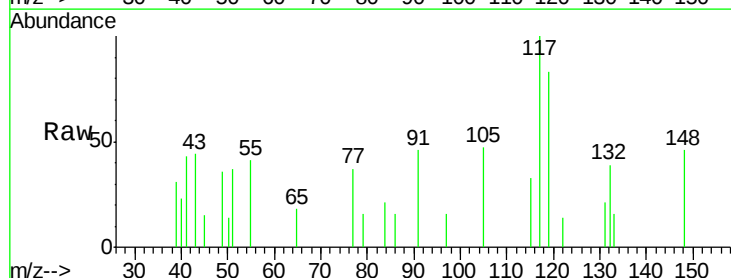
Tgt Ion: 122 Resp: 214

Ion Ratio Lower Upper

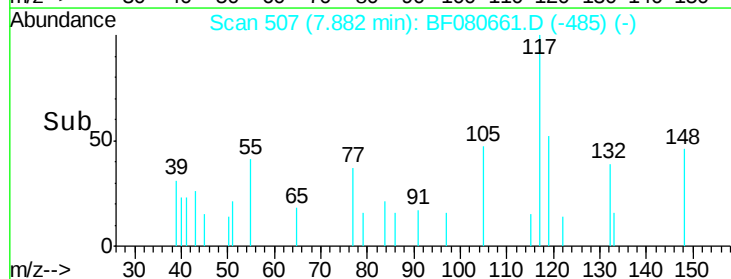
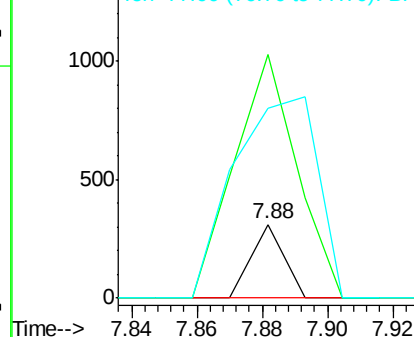
122 100

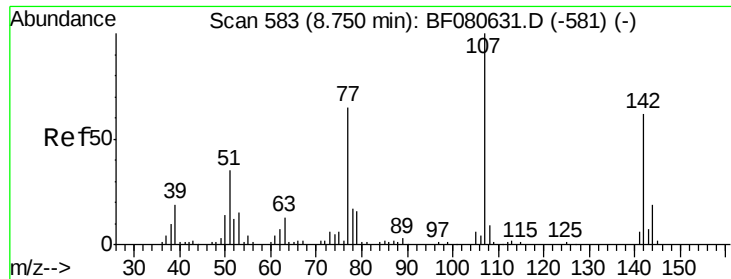
105 329.2 107.9 147.9#

77 256.7 84.3 124.3#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

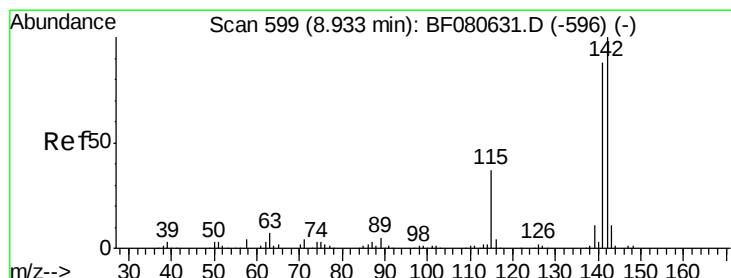
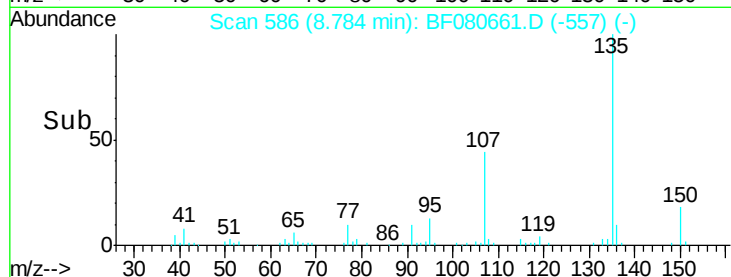
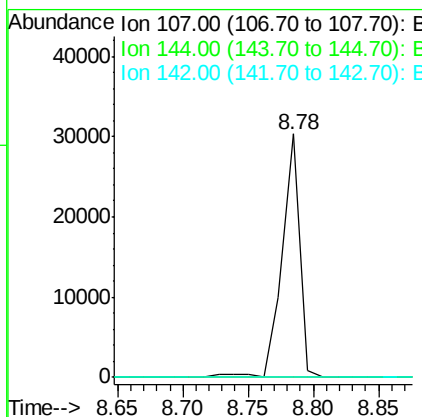
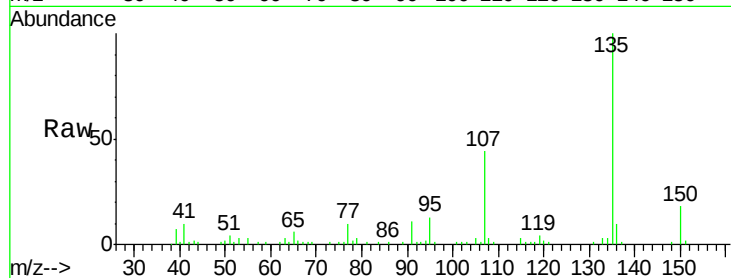




#36
 4-Chloro-3-methylphenol
 Concen: 10.32 ng
 RT: 8.78 min Scan# 586
 Delta R.T. 0.03 min
 Lab File: BF080661.D
 Acq: 25 Jul 2015 10:20

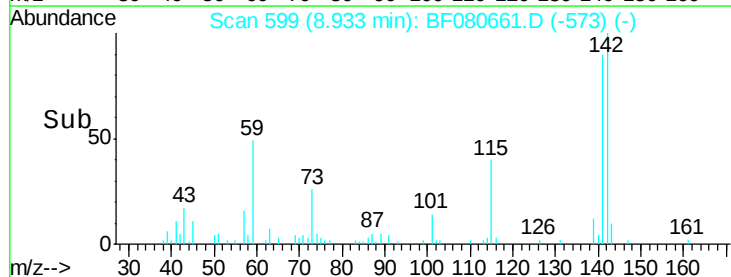
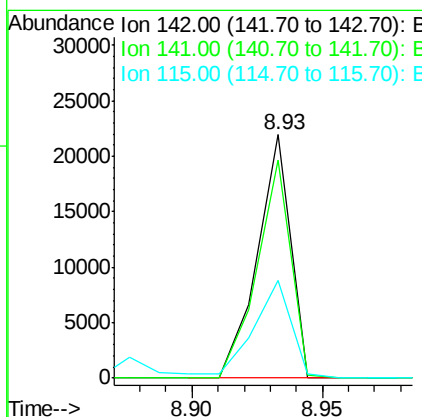
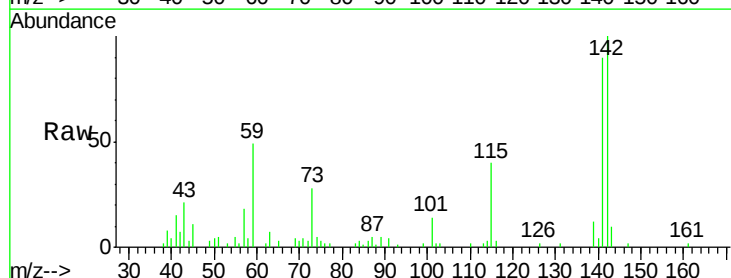
Instrument :
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 MW-9-7-22-15

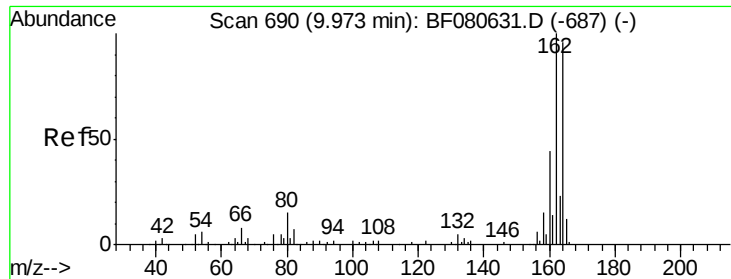
Tgt Ion:107 Resp: 28985
 Ion Ratio Lower Upper
 107 100
 144 0.0 15.0 22.6#
 142 0.0 49.5 74.3#



#37
 2-Methylnaphthalene
 Concen: 2.89 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF080661.D
 Acq: 25 Jul 2015 10:20

Tgt Ion:142 Resp: 19555
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.7 106.1
 115 40.0 29.3 43.9

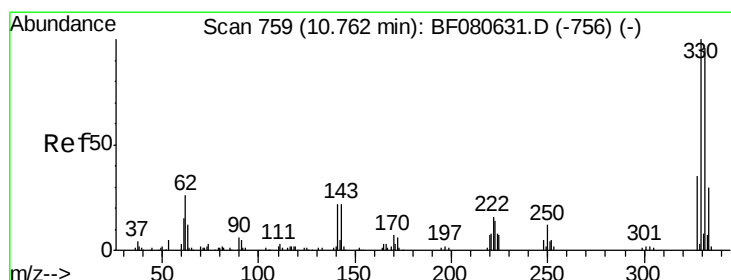
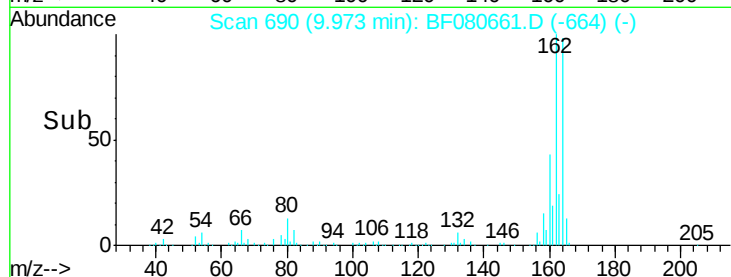
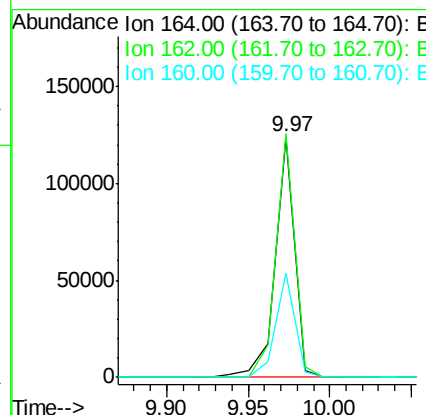
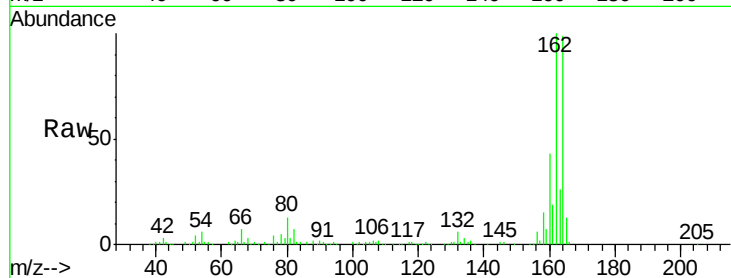




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF080661.D
Acq: 25 Jul 2015 10:20

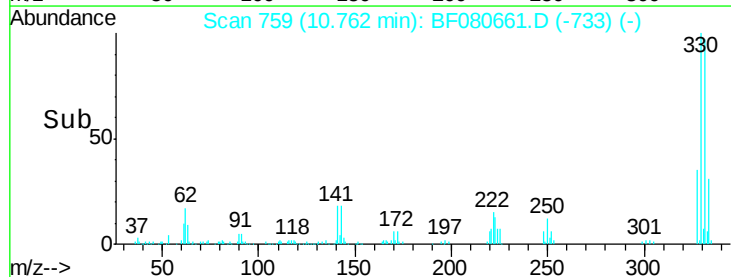
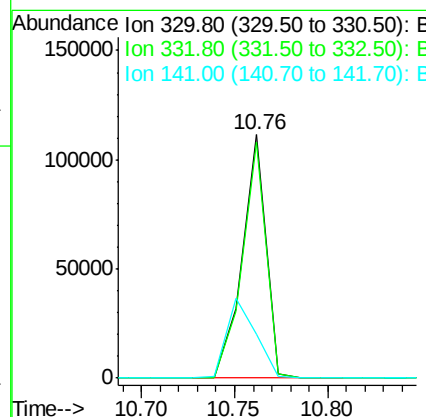
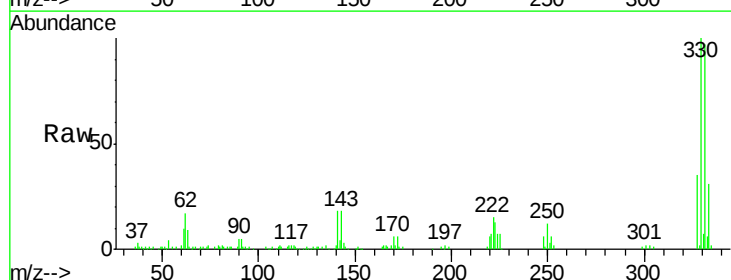
Instrument :
BNA_F
ClientSampleId :
MW-9-7-22-15

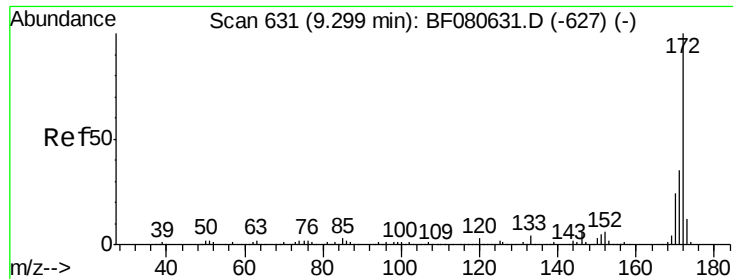
Tgt Ion:164 Resp: 102693
Ion Ratio Lower Upper
164 100
162 101.4 83.3 124.9
160 43.1 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 108.47 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF080661.D
Acq: 25 Jul 2015 10:20

Tgt Ion:330 Resp: 100080
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 39.7 32.7 49.1

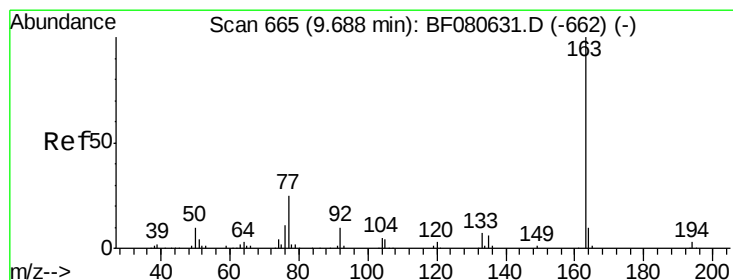
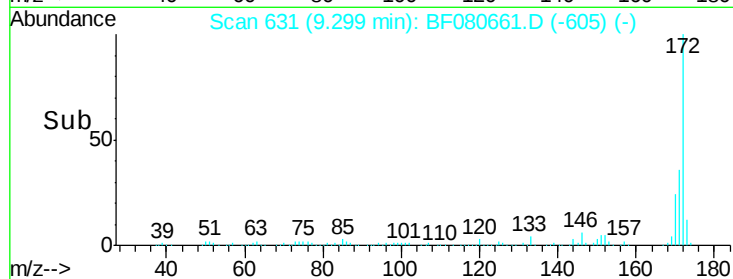
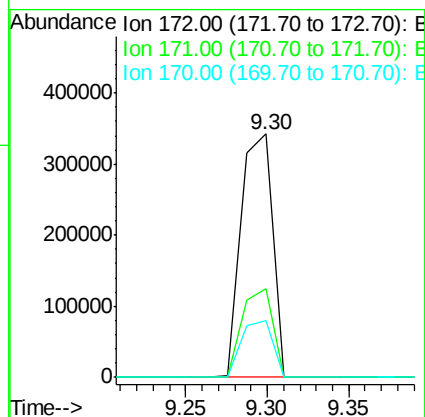
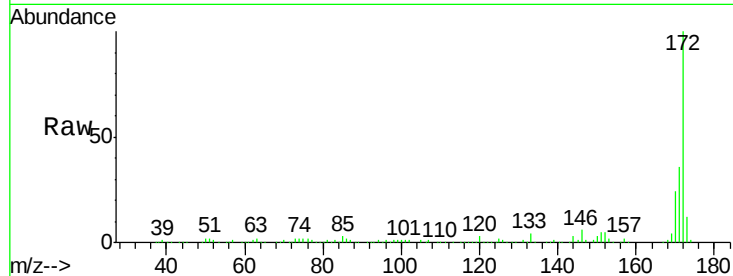




#44
 2-Fluorobiphenyl
 Concen: 68.18 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080661.D
 Acq: 25 Jul 2015 10:20

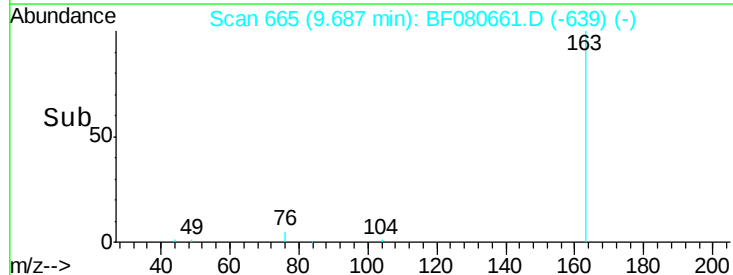
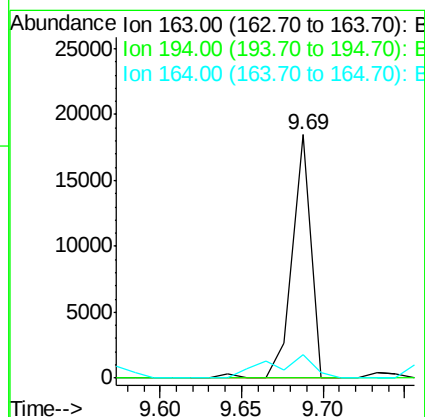
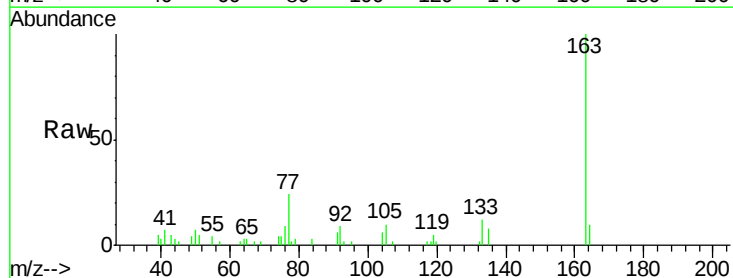
Instrument :
 BNA_F
 ClientSampleId :
 MW-9-7-22-15

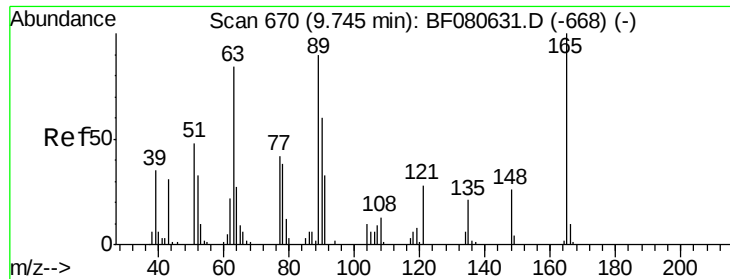
Tgt Ion:172 Resp: 453786
 Ion Ratio Lower Upper
 172 100
 171 36.5 27.7 41.5
 170 23.6 19.0 28.4



#49
 Dimethylphthalate
 Concen: 2.01 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF080661.D
 Acq: 25 Jul 2015 10:20

Tgt Ion:163 Resp: 14760
 Ion Ratio Lower Upper
 163 100
 194 0.0 2.5 3.7#
 164 9.6 8.0 12.0

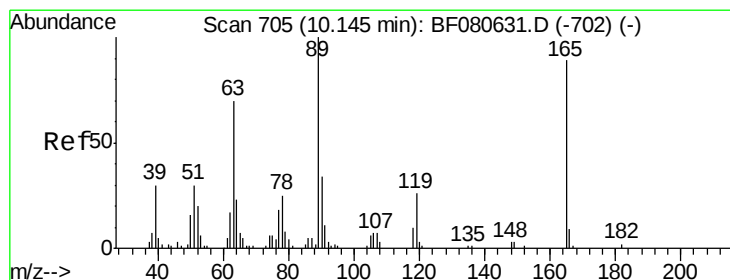
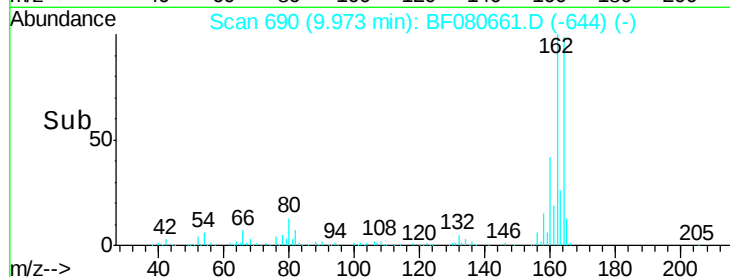
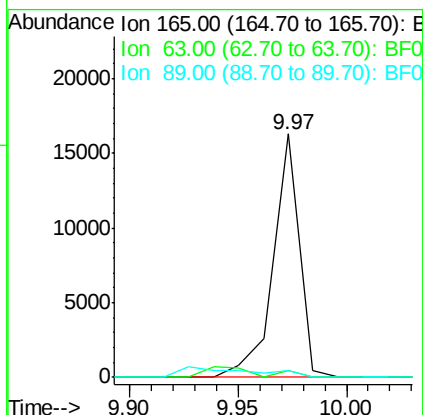
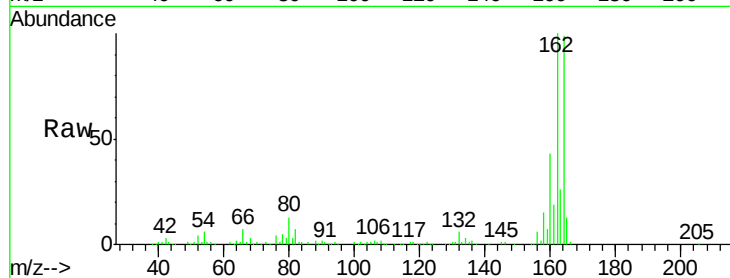




#50
 2,6-Dinitrotoluene
 Concen: 10.57 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.23 min
 Lab File: BF080661.D
 Acq: 25 Jul 2015 10:20

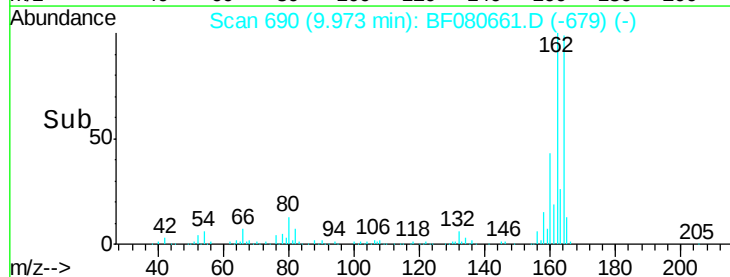
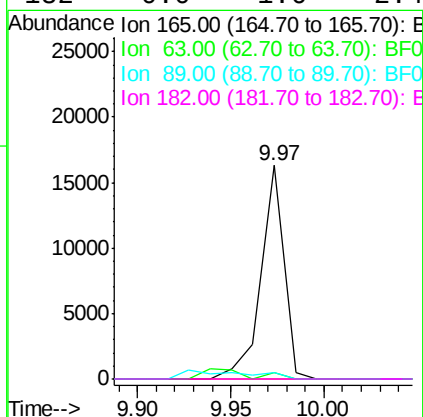
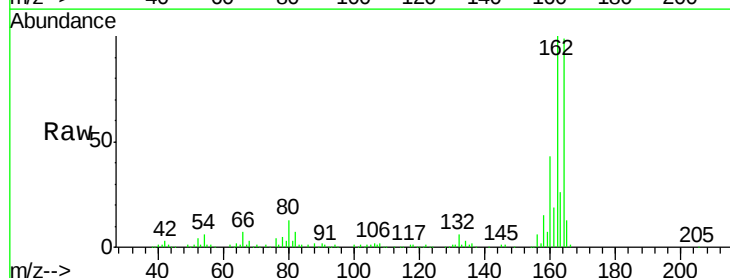
Instrument :
 BNA_F
 ClientSampleId :
 MW-9-7-22-15

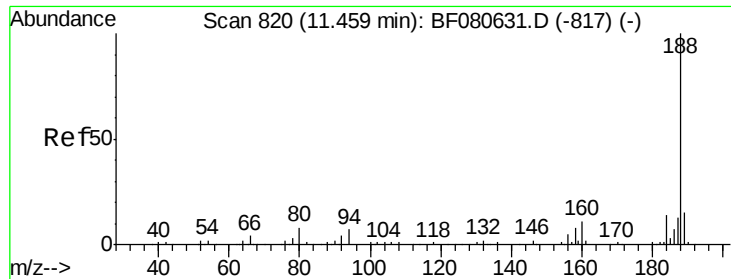
Tgt Ion:165 Resp: 13858
 Ion Ratio Lower Upper
 165 100
 63 3.1 84.0 126.0#
 89 2.7 71.7 107.5#



#56
 2,4-Dinitrotoluene
 Concen: 8.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.17 min
 Lab File: BF080661.D
 Acq: 25 Jul 2015 10:20

Tgt Ion:165 Resp: 13858
 Ion Ratio Lower Upper
 165 100
 63 3.1 63.0 94.4#
 89 2.7 90.2 135.2#
 182 0.0 1.6 2.4#

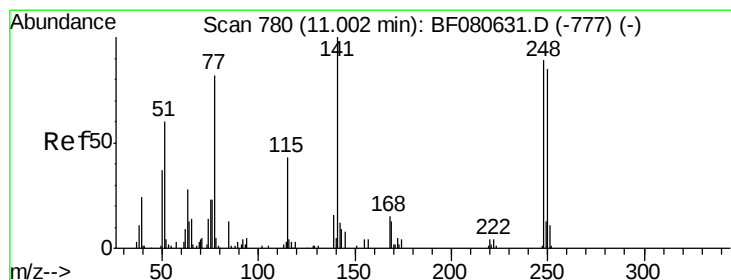
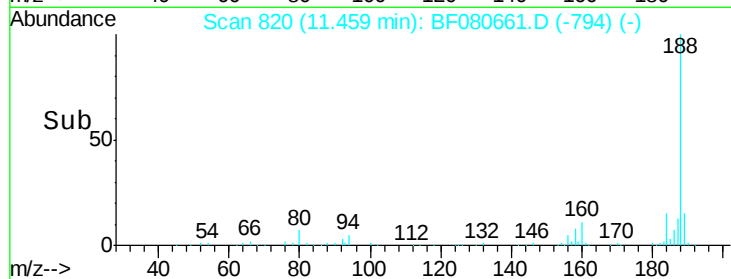
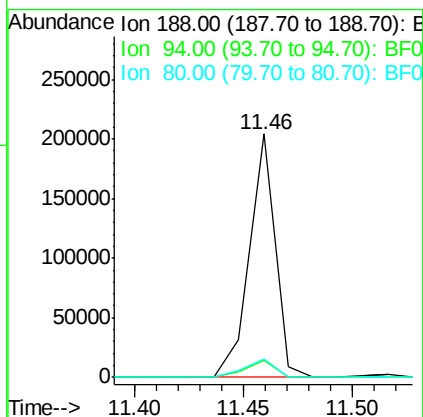
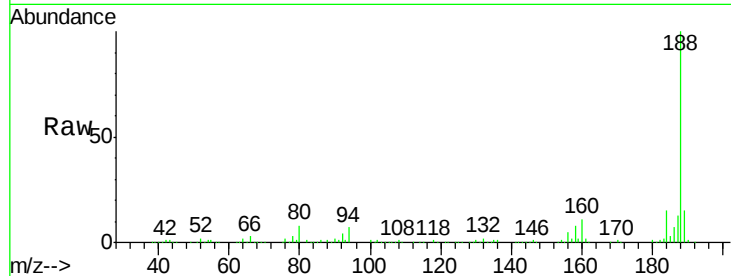




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF080661.D
 Acq: 25 Jul 2015 10:20

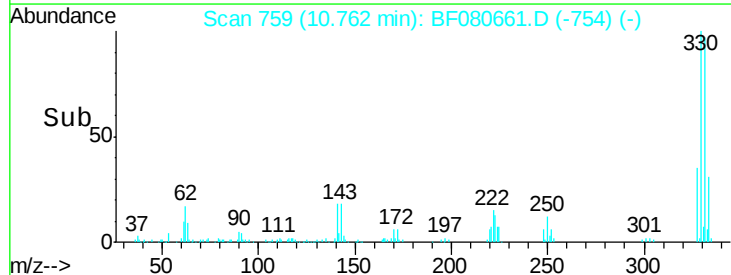
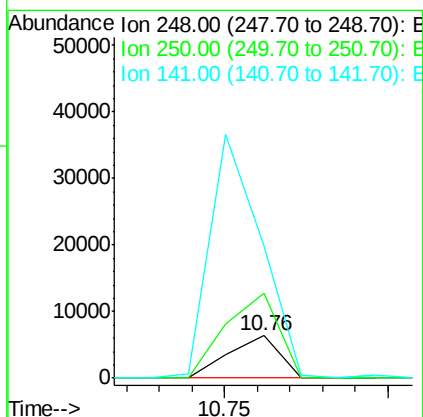
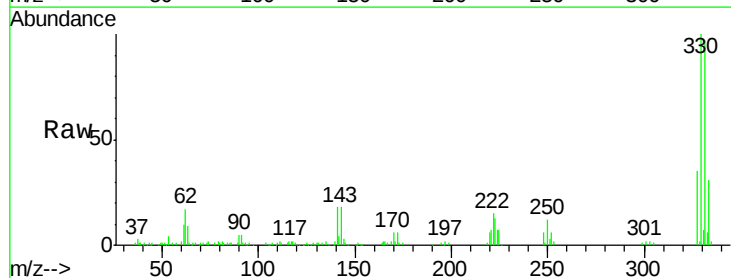
Instrument :
 BNA_F
 ClientSampleId :
 MW-9-7-22-15

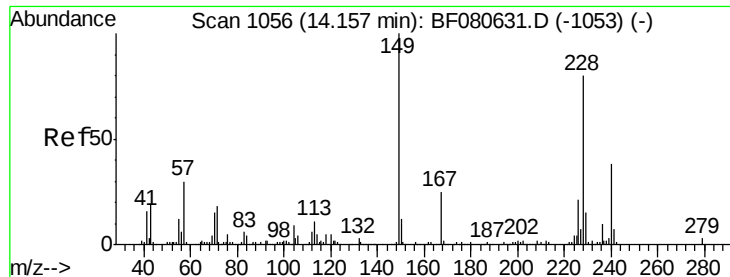
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.6	8.4
80	7.6	6.1	9.1



#66
 4-Bromophenyl-phenylether
 Concen: 4.24 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.24 min
 Lab File: BF080661.D
 Acq: 25 Jul 2015 10:20

Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.1	76.6	114.8#
141	313.9	90.0	135.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.25 min Scan# 1064

Delta R.T. 0.09 min

Lab File: BF080661.D

Acq: 25 Jul 2015 10:20

Instrument :

BNA_F

ClientSampleId :

MW-9-7-22-15

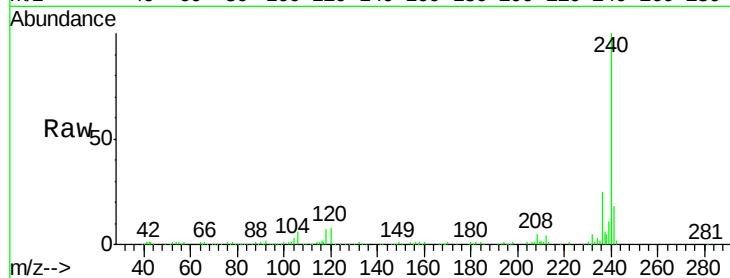
Tgt Ion:240 Resp: 153171

Ion Ratio Lower Upper

240 100

120 7.9 10.8 16.2#

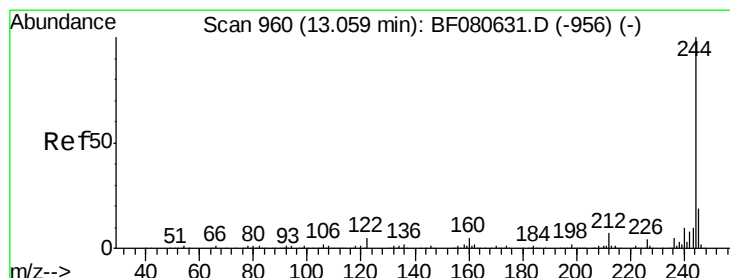
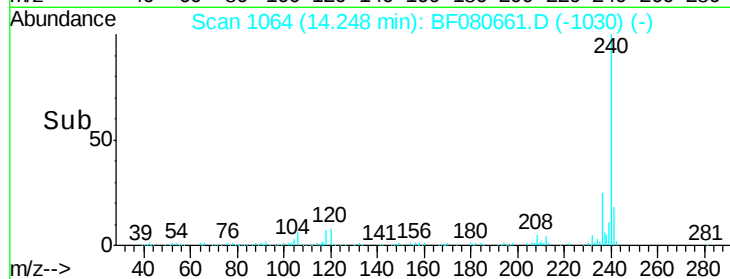
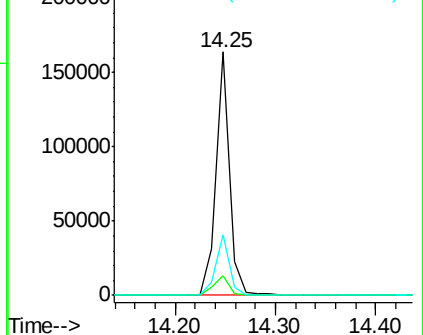
236 24.8 20.3 30.5



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: 68.70 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.02 min

Lab File: BF080661.D

Acq: 25 Jul 2015 10:20

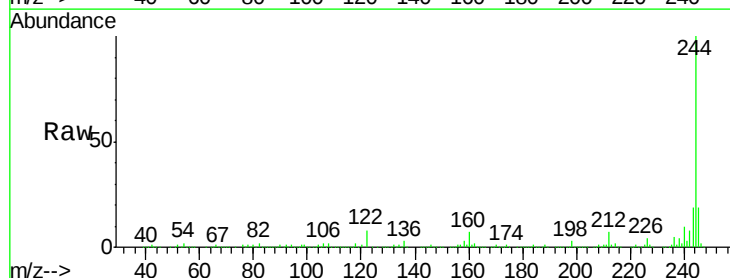
Tgt Ion:244 Resp: 488733

Ion Ratio Lower Upper

244 100

212 7.2 5.2 7.8

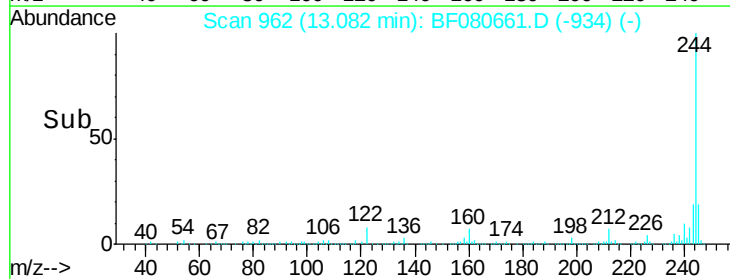
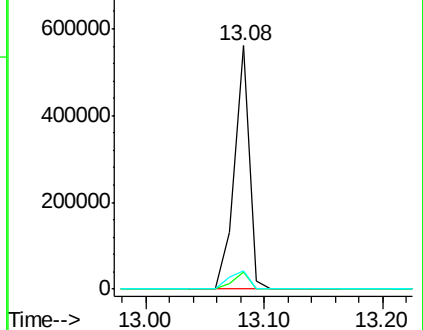
122 7.6 4.1 6.1#

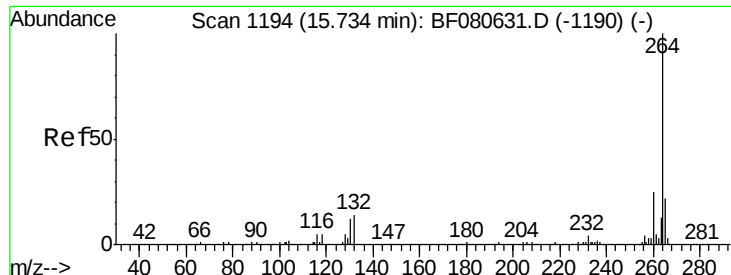


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.92 min Scan# 1210
Delta R.T. 0.18 min
Lab File: BF080661.D
Acq: 25 Jul 2015 10:20

Instrument :
BNA_F
ClientSampleId :
MW-9-7-22-15

Tgt Ion: 264 Resp: 132954
Ion Ratio Lower Upper
264 100
260 23.2 20.1 30.1
265 21.3 17.4 26.0

