

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080644.D
 Acq On : 25 Jul 2015 00:14
 Operator : TP/UM
 Sample : G3079-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12-7-22-15

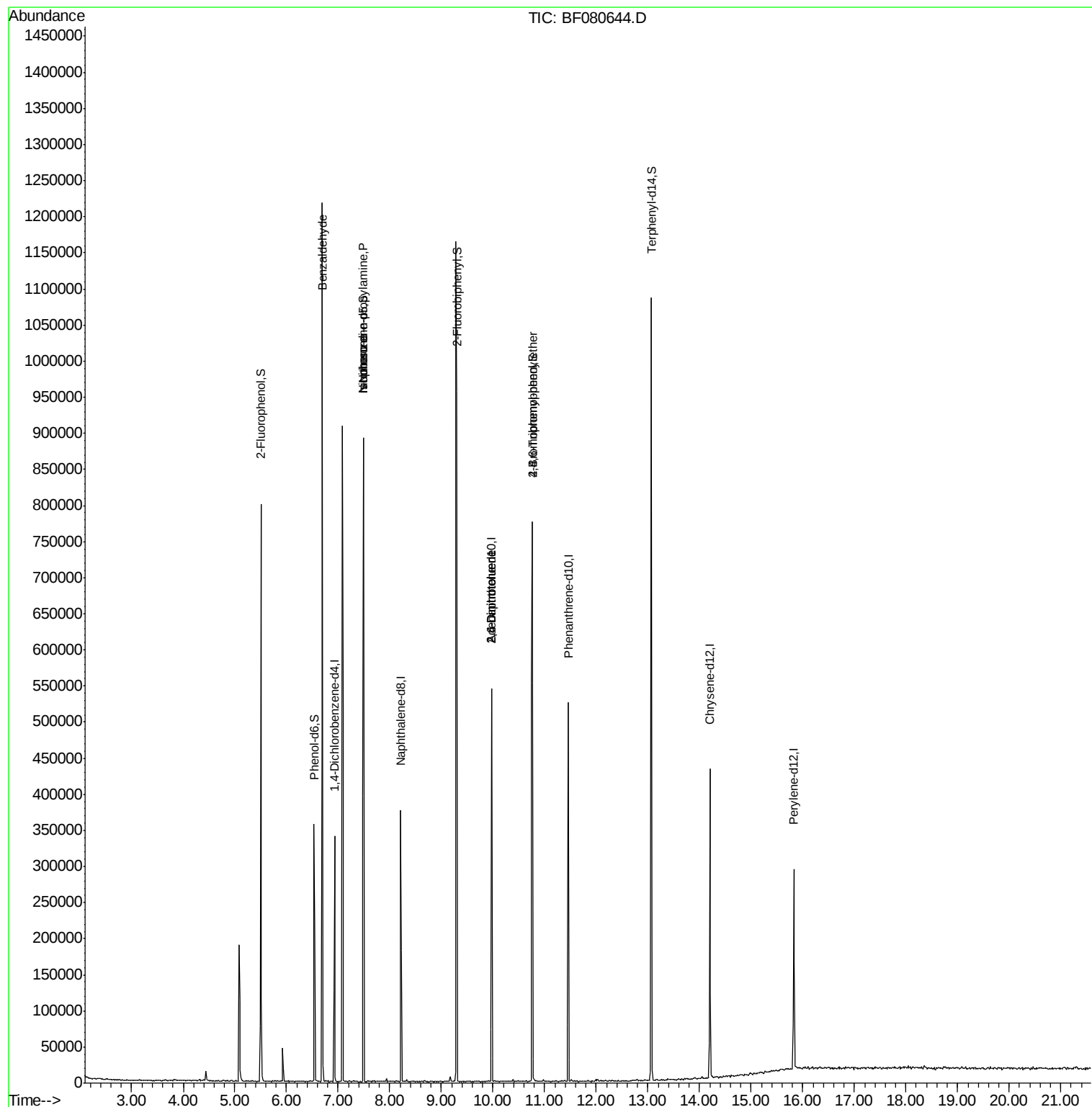
Quant Time: Jul 25 05:15:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

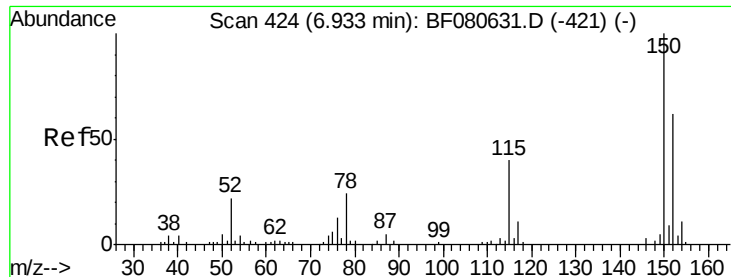
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	50654	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	178950	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	97491	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	179100	20.00	ng	0.00
75) Chrysene-d12	14.20	240	159399	20.00	ng	0.05
86) Perylene-d12	15.83	264	134277	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	176637	58.72	ng	0.00
7) Phenol-d6	6.53	99	128148	35.67	ng	-0.01
23) Nitrobenzene-d5	7.49	82	289380	81.21	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	108548	123.93	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	482397	76.35	ng	0.00
78) Terphenyl-d14	13.07	244	512604	69.24	ng	0.01
Target Compounds						
9) Benzaldehyde	6.69	77	7966	3.39	ng	# 75
19) n-Nitroso-di-n-propylamine	7.49	70	39952	15.41	ng	# 64
25) Isophorone	7.49	82	289101	46.26	ng	# 73
50) 2,6-Dinitrotoluene	9.97	165	11474	9.22	ng	# 1
56) 2,4-Dinitrotoluene	9.97	165	11475	6.97	ng	# 2
66) 4-Bromophenyl-phenylether	10.76	248	7574	4.49	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 25 04:28:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080644.D

Acq: 25 Jul 2015 00:14

Instrument :

BNA_F

ClientSampleId :

MW-12-7-22-15

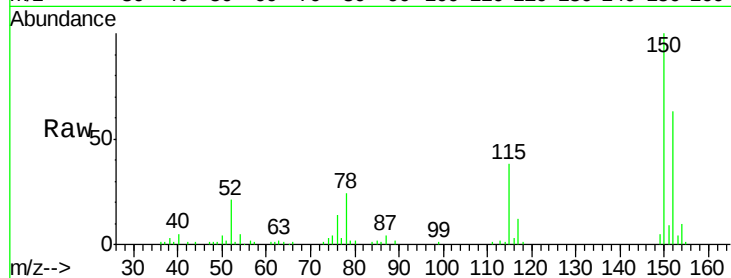
Tgt Ion:152 Resp: 50654

Ion Ratio Lower Upper

152 100

150 158.2 128.9 193.3

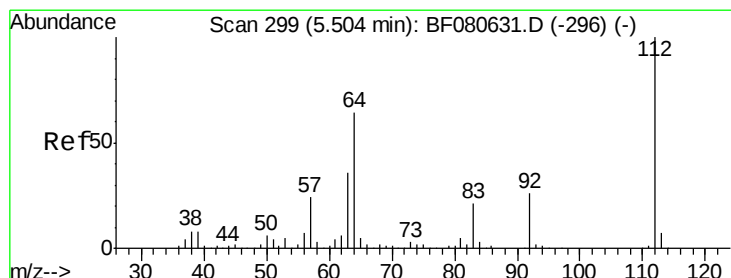
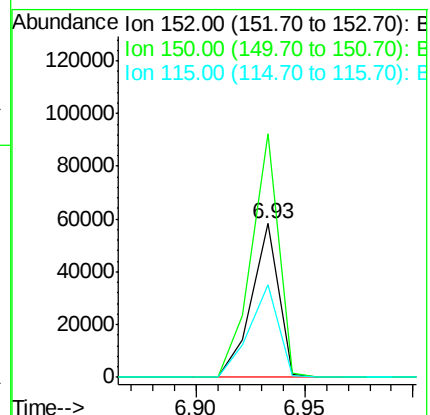
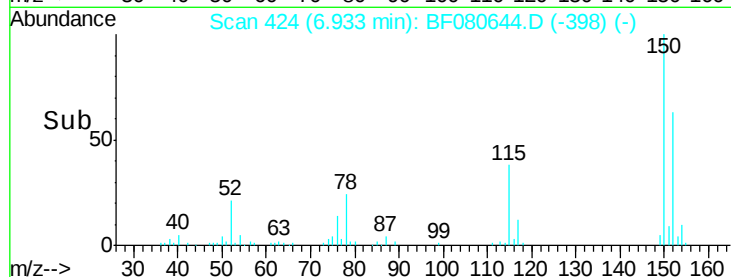
115 59.7 51.0 76.6



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: 58.72 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080644.D

Acq: 25 Jul 2015 00:14

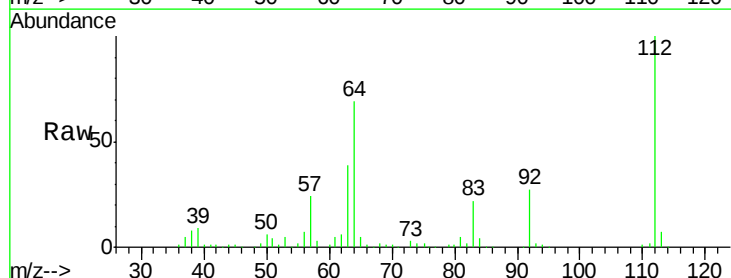
Tgt Ion:112 Resp: 176637

Ion Ratio Lower Upper

112 100

64 69.0 51.2 76.8

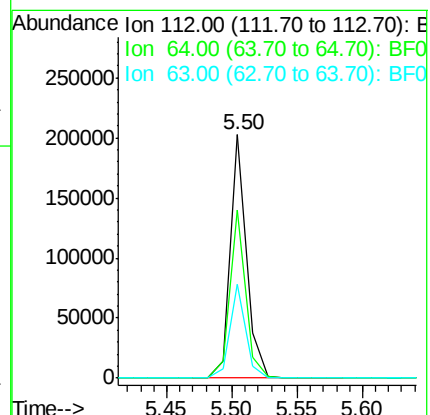
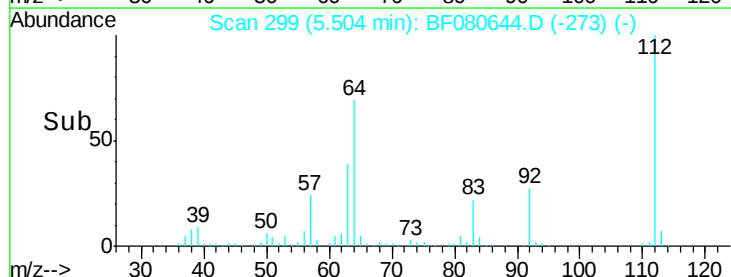
63 38.7 29.0 43.6

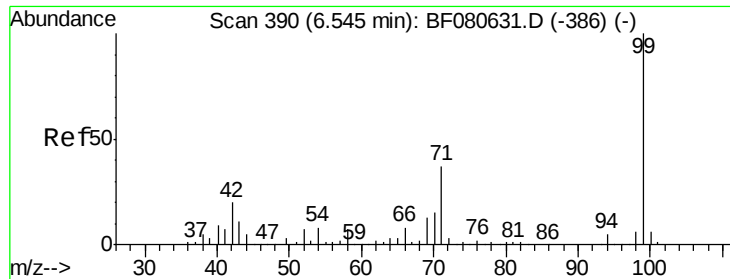


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.67 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080644.D

Acq: 25 Jul 2015 00:14

Instrument :

BNA_F

ClientSampleId :

MW-12-7-22-15

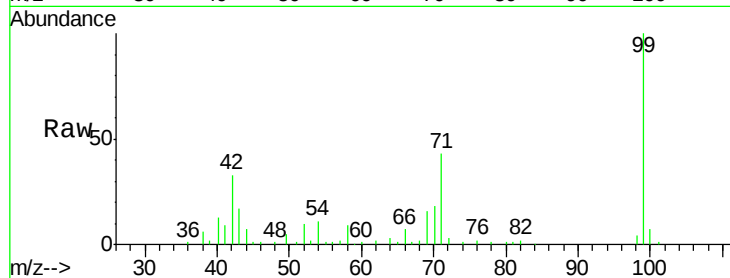
Tgt Ion: 99 Resp: 128148

Ion Ratio Lower Upper

99 100

42 32.5 16.3 24.5#

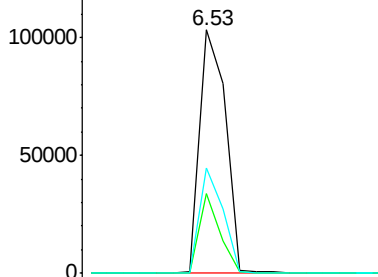
71 43.1 29.7 44.5



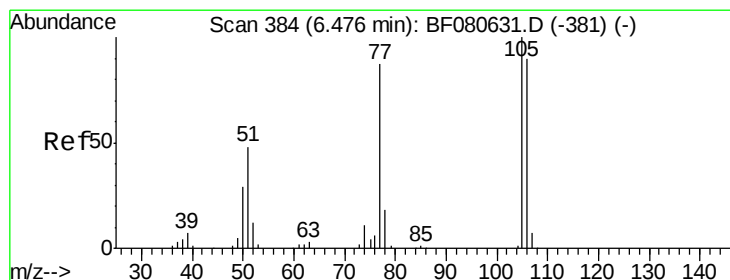
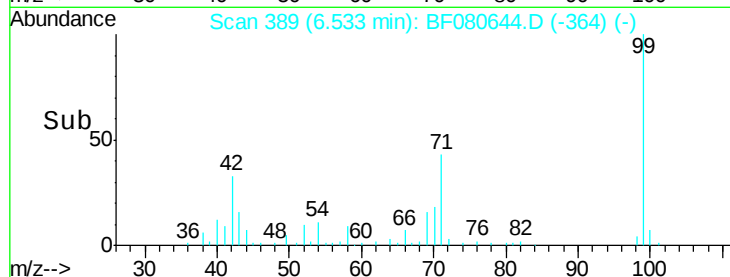
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#9

Benzaldehyde

Concen: 3.39 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.22 min

Lab File: BF080644.D

Acq: 25 Jul 2015 00:14

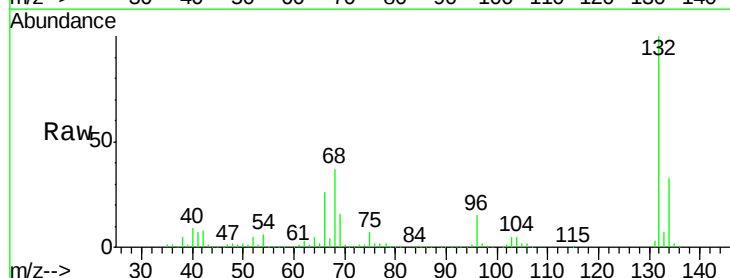
Tgt Ion: 77 Resp: 7966

Ion Ratio Lower Upper

77 100

105 88.0 94.7 134.7#

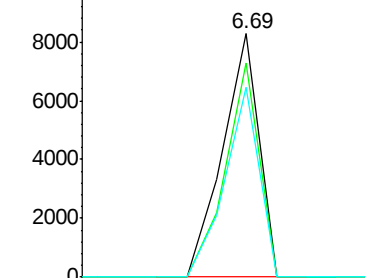
106 78.0 83.4 123.4#



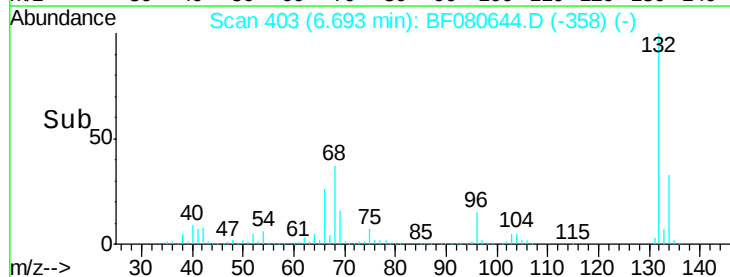
Abundance Ion 77.00 (76.70 to 77.70): BF0

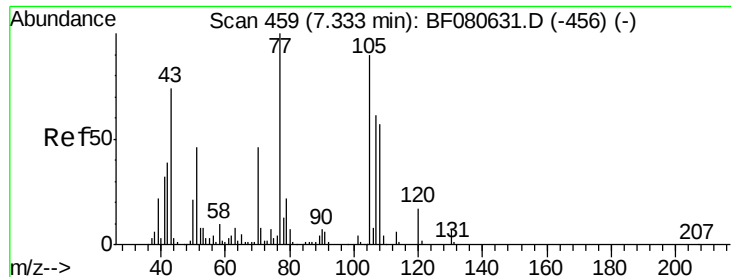
Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



Time-->

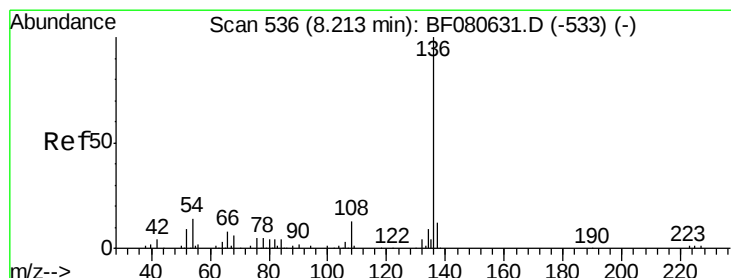
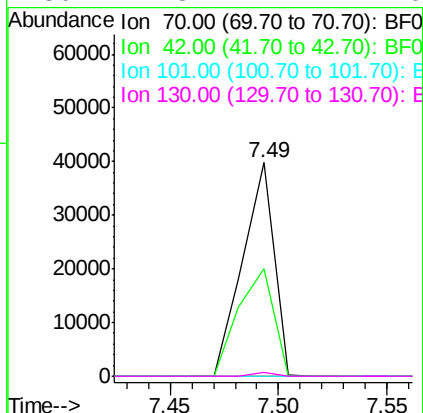
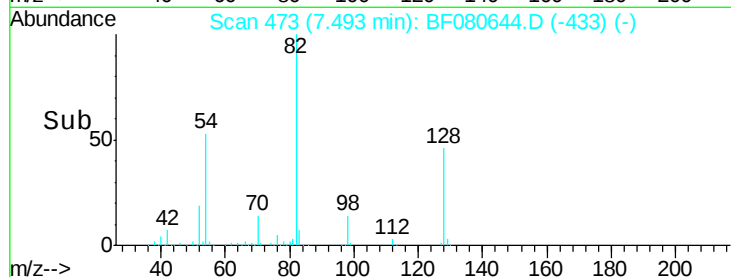
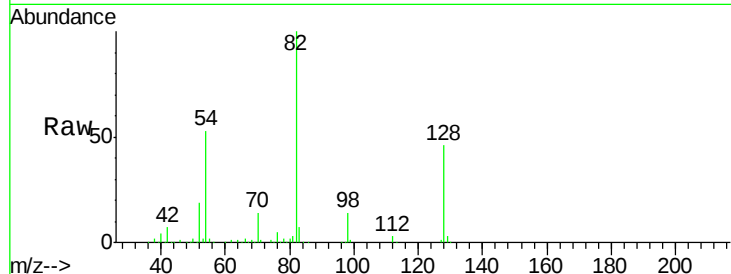




#19
n-Nitroso-di-n-propylamine
Concen: 15.41 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.16 min
Lab File: BF080644.D
Acq: 25 Jul 2015 00:14

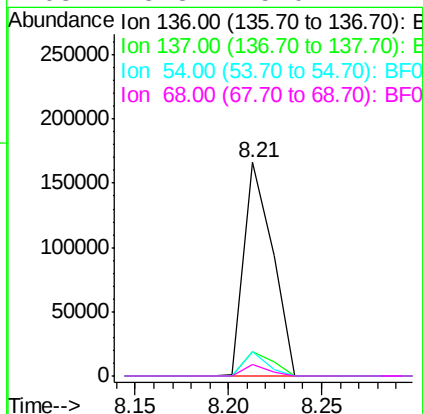
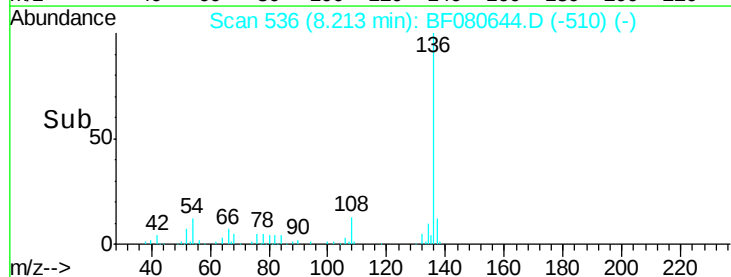
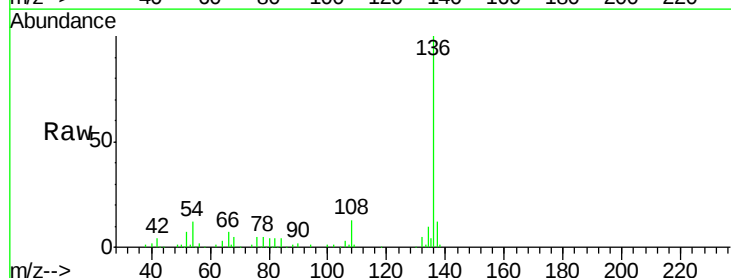
Instrument :
BNA_F
ClientSampleId :
MW-12-7-22-15

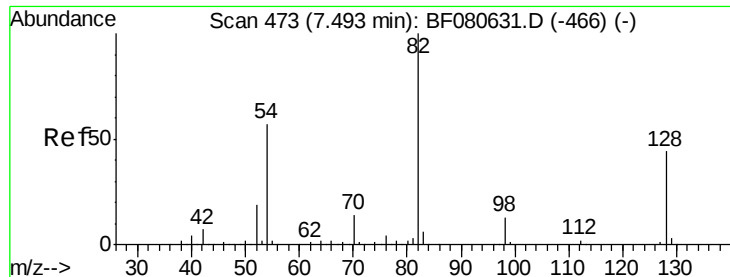
Tgt Ion: 70 Resp: 39952
Ion Ratio Lower Upper
70 100
42 50.3 67.8 101.8#
101 0.0 6.6 9.8#
130 1.8 11.4 17.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080644.D
Acq: 25 Jul 2015 00:14

Tgt Ion: 136 Resp: 178950
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 11.5 11.6 17.4#
68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 81.21 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080644.D

Acq: 25 Jul 2015 00:14

Instrument :

BNA_F

ClientSampleId :

MW-12-7-22-15

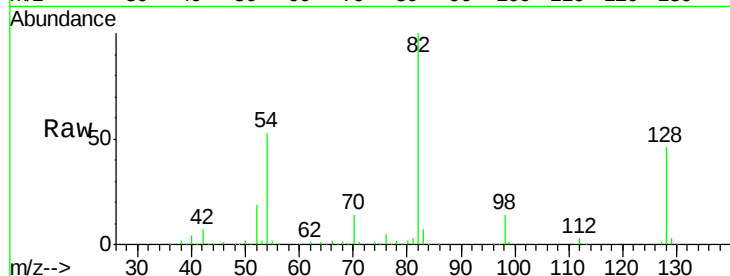
Tgt Ion: 82 Resp: 289380

Ion Ratio Lower Upper

82 100

128 45.6 34.8 52.2

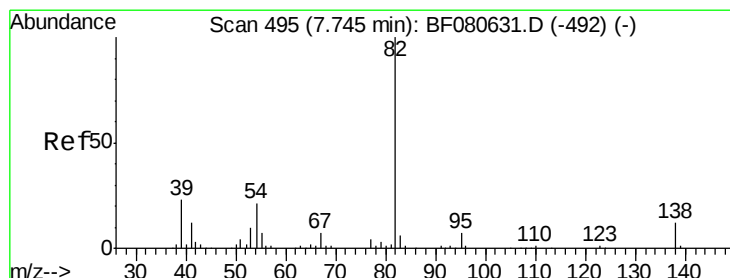
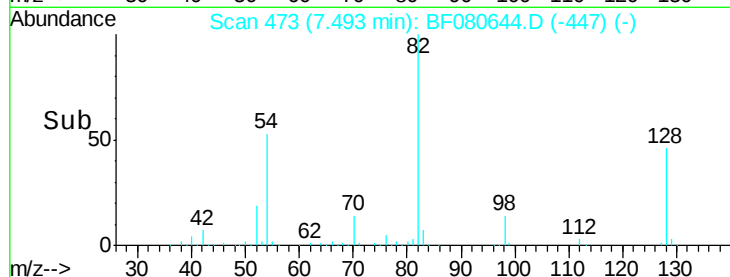
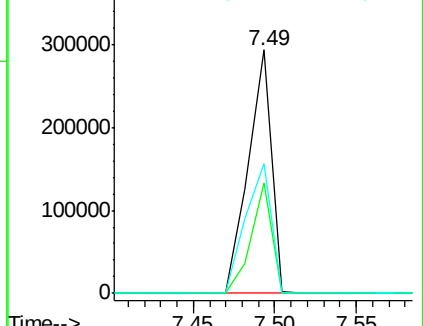
54 53.1 45.4 68.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 46.26 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.25 min

Lab File: BF080644.D

Acq: 25 Jul 2015 00:14

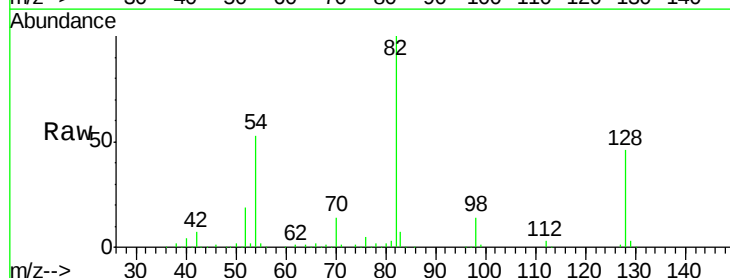
Tgt Ion: 82 Resp: 289101

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

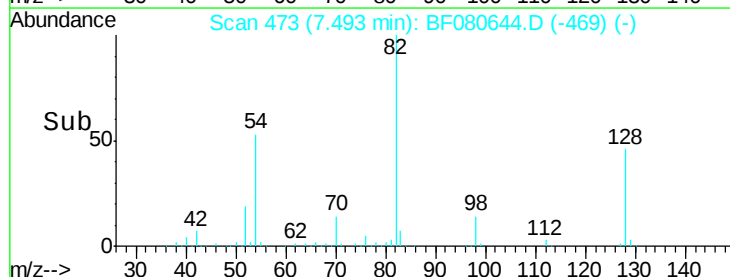
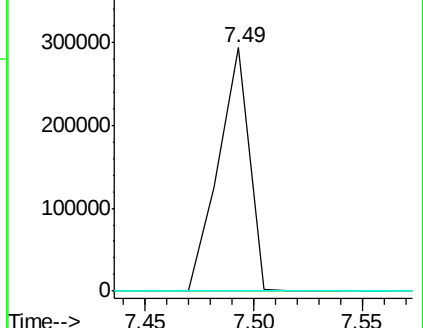
138 0.0 9.7 14.5#

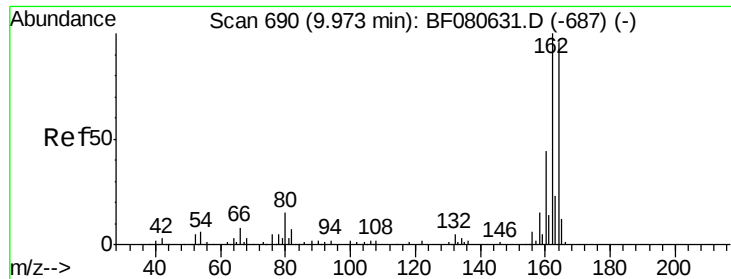


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080644.D

Acq: 25 Jul 2015 00:14

Instrument :

BNA_F

ClientSampleId :

MW-12-7-22-15

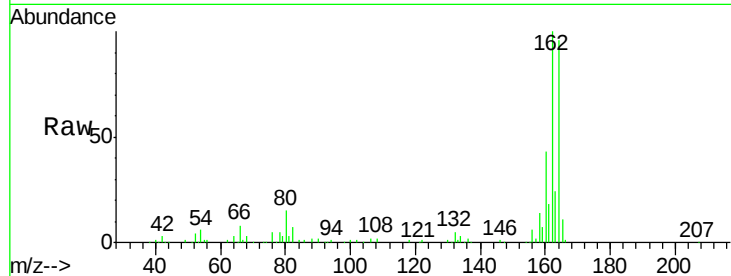
Tgt Ion:164 Resp: 97491

Ion Ratio Lower Upper

164 100

162 104.2 83.3 124.9

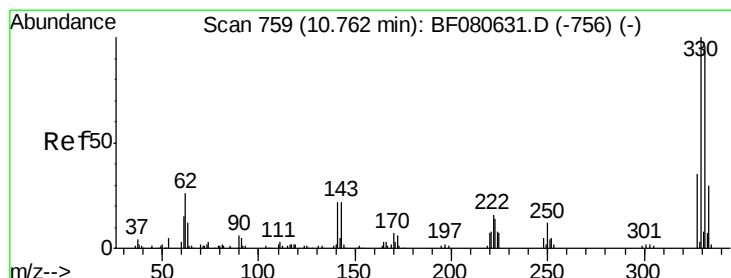
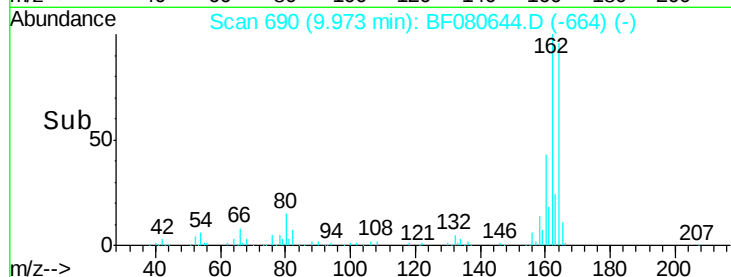
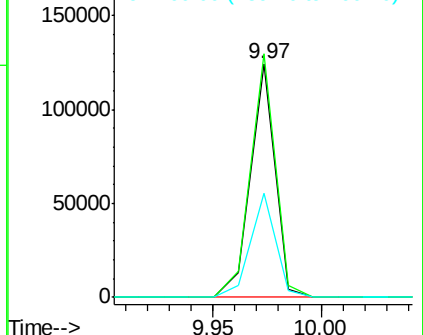
160 44.3 36.9 55.3



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: 123.93 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF080644.D

Acq: 25 Jul 2015 00:14

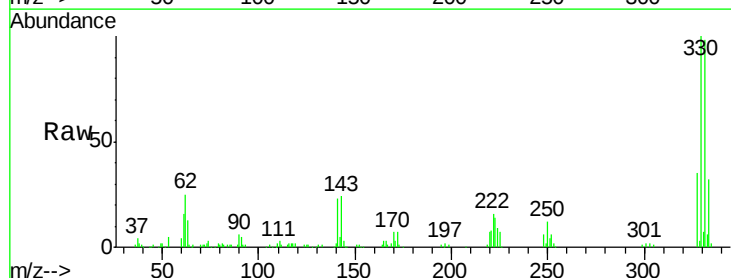
Tgt Ion:330 Resp: 108548

Ion Ratio Lower Upper

330 100

332 97.3 76.7 115.1

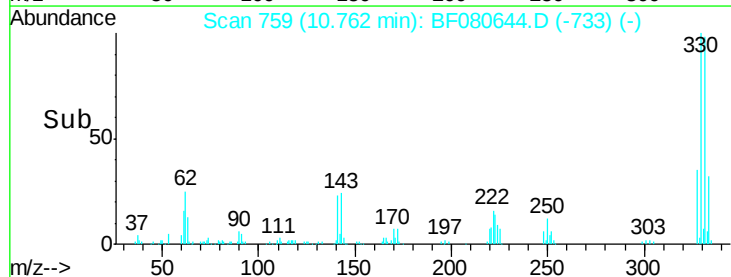
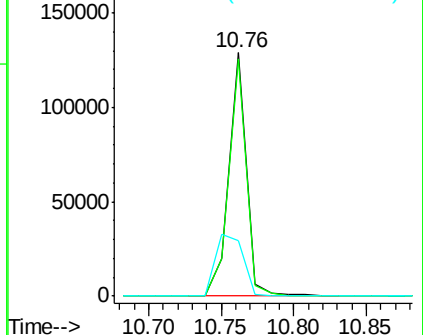
141 40.4 32.7 49.1

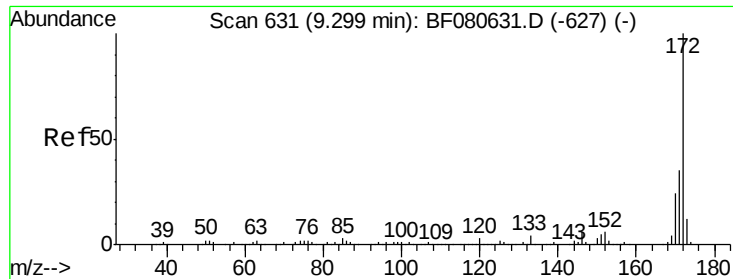


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

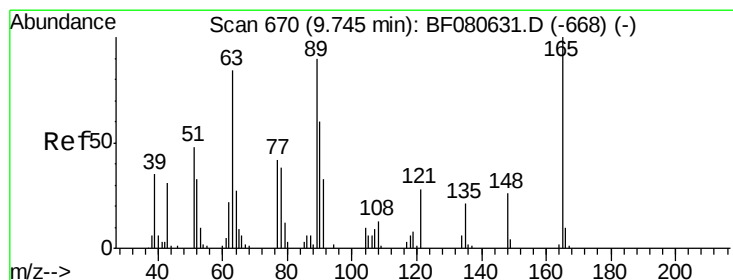
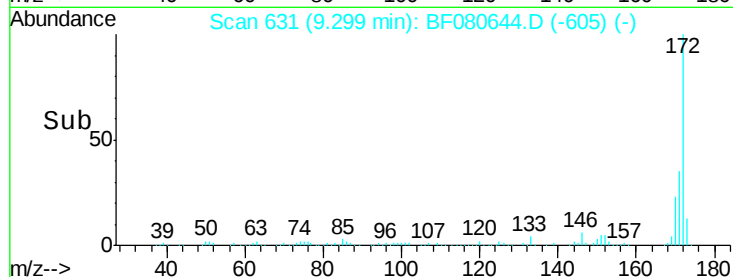
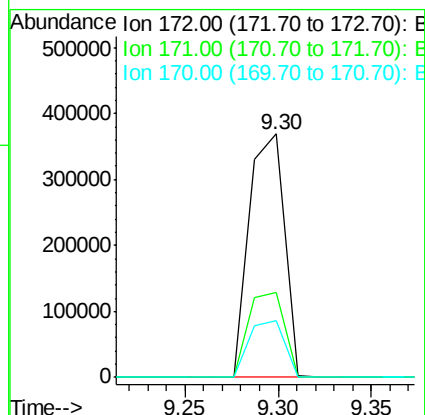
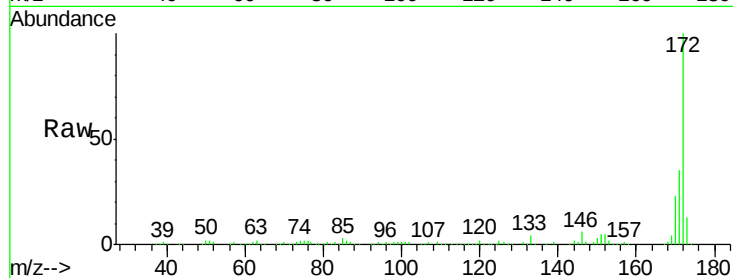




#44
 2-Fluorobiphenyl
 Concen: 76.35 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080644.D
 Acq: 25 Jul 2015 00:14

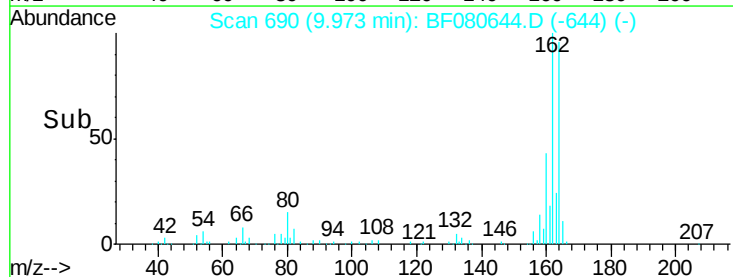
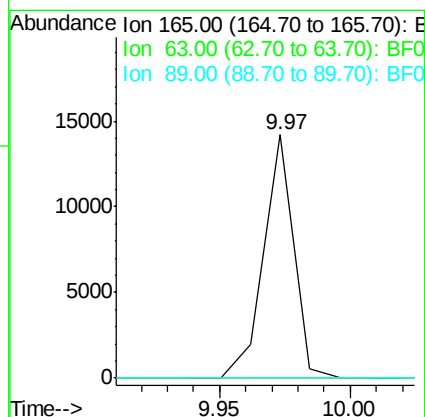
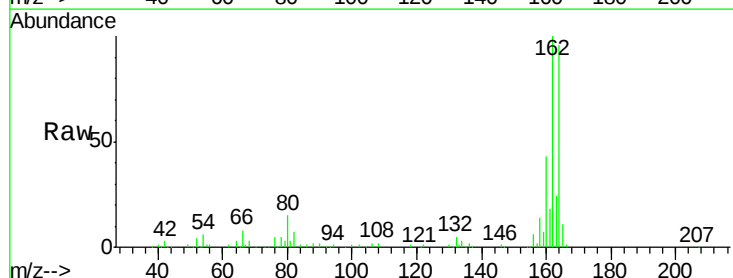
Instrument :
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 MW-12-7-22-15

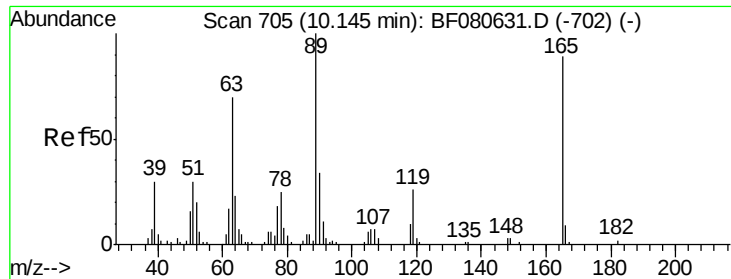
Tgt Ion:172 Resp: 482397
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.7 41.5
 170 23.4 19.0 28.4



#50
 2,6-Dinitrotoluene
 Concen: 9.22 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.23 min
 Lab File: BF080644.D
 Acq: 25 Jul 2015 00:14

Tgt Ion:165 Resp: 11474
 Ion Ratio Lower Upper
 165 100
 63 0.0 84.0 126.0#
 89 0.0 71.7 107.5#

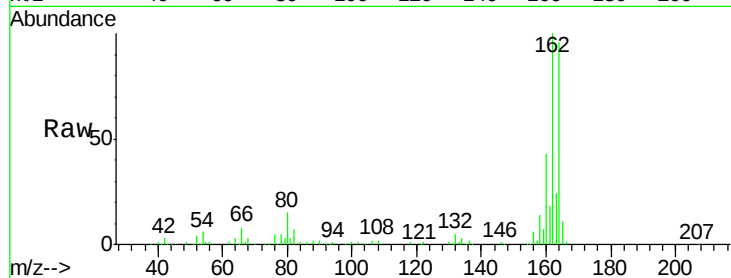




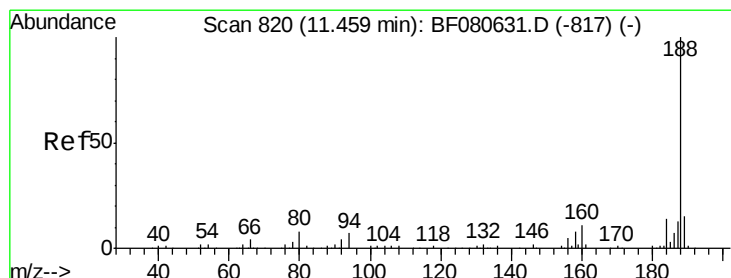
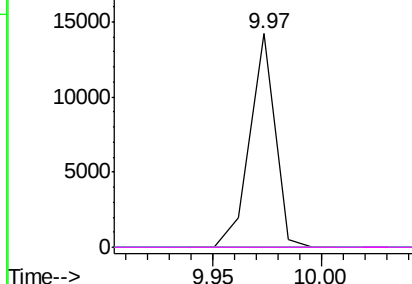
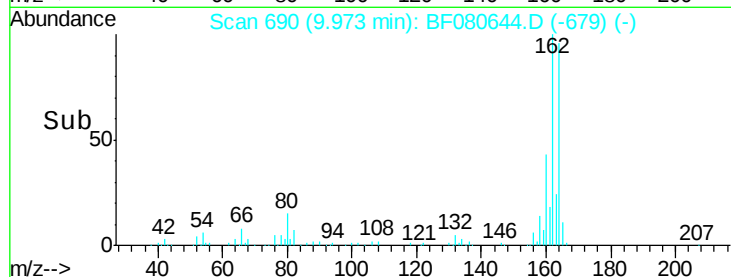
#56
 2,4-Dinitrotoluene
 Concen: 6.97 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.17 min
 Lab File: BF080644.D
 Acq: 25 Jul 2015 00:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-12-7-22-15

Tgt Ion:165 Resp: 11475
 Ion Ratio Lower Upper
 165 100
 63 0.0 63.0 94.4#
 89 0.0 90.2 135.2#
 182 0.0 1.6 2.4#

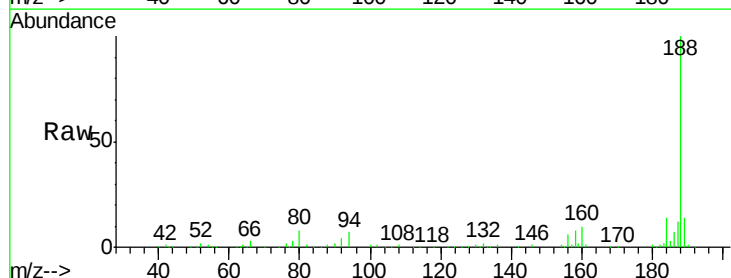


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

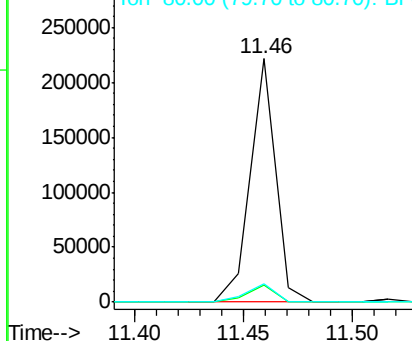
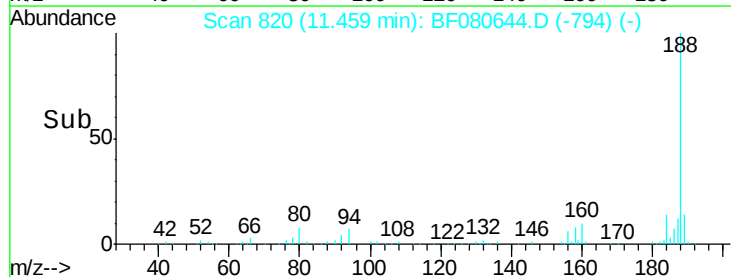


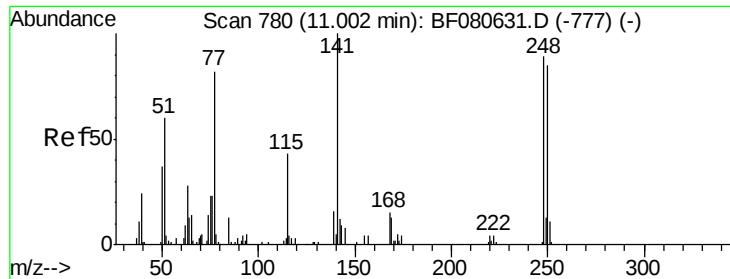
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF080644.D
 Acq: 25 Jul 2015 00:14

Tgt Ion:188 Resp: 179100
 Ion Ratio Lower Upper
 188 100
 94 7.1 5.6 8.4
 80 7.6 6.1 9.1



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

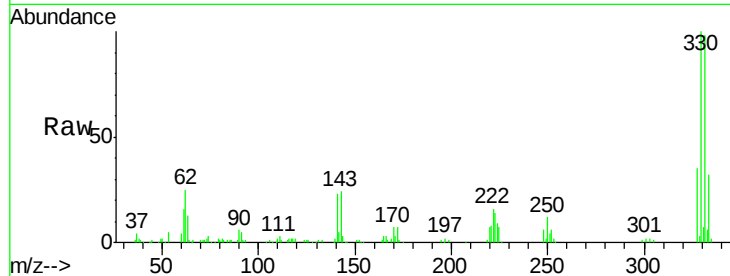




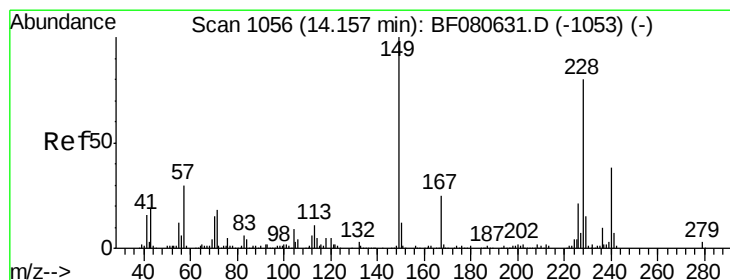
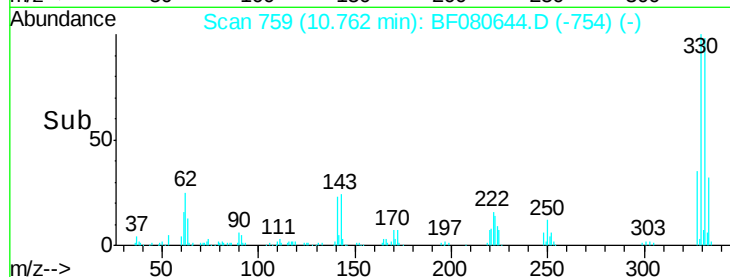
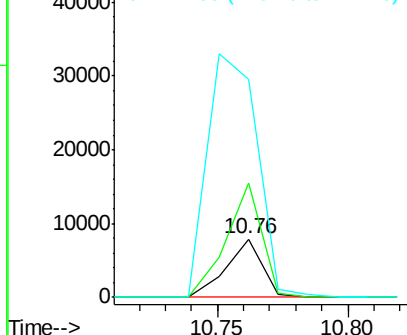
#66
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.24 min
Lab File: BF080644.D
Acq: 25 Jul 2015 00:14

Instrument :
BNA_F
ClientSampleId :
MW-12-7-22-15

Tgt Ion:248 Resp: 7574
Ion Ratio Lower Upper
248 100
250 195.6 76.6 114.8#
141 371.1 90.0 135.0#

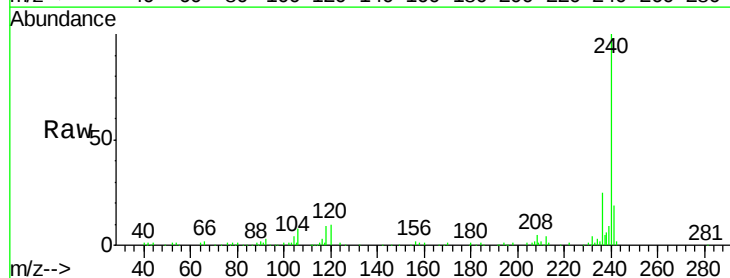


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

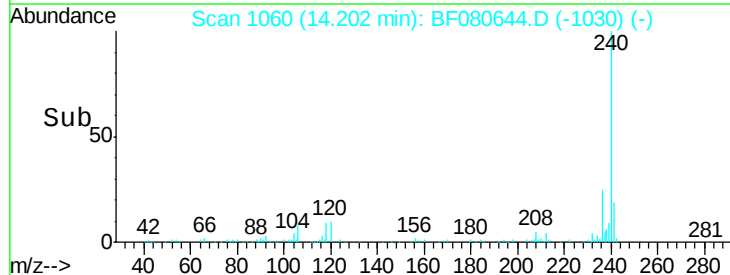
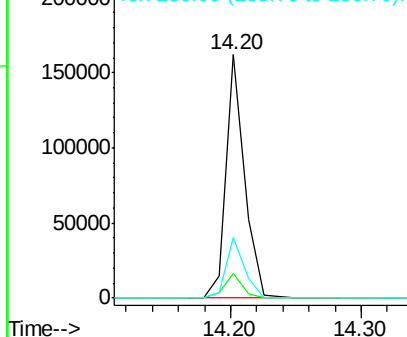


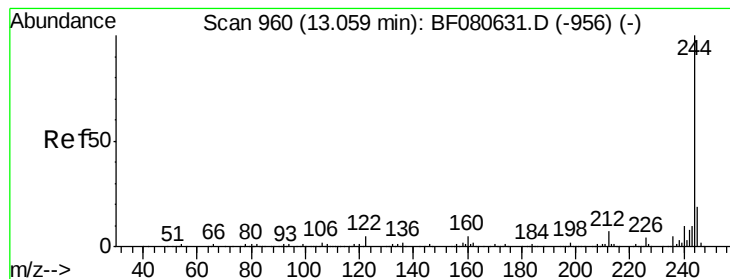
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.20 min Scan# 1060
Delta R.T. 0.05 min
Lab File: BF080644.D
Acq: 25 Jul 2015 00:14

Tgt Ion:240 Resp: 159399
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 25.1 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: 69.24 ng

RT: 13.07 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF080644.D

Acq: 25 Jul 2015 00:14

Instrument :

BNA_F

ClientSampleId :

MW-12-7-22-15

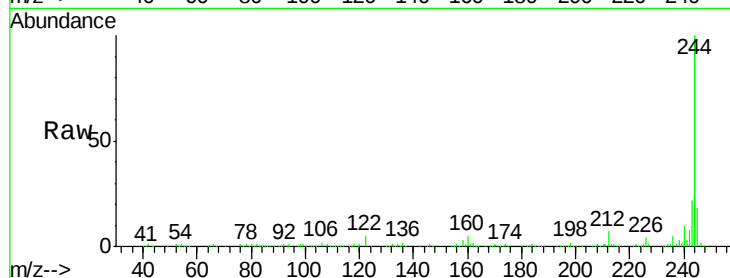
Tgt Ion:244 Resp: 512604

Ion Ratio Lower Upper

244 100

212 6.7 5.2 7.8

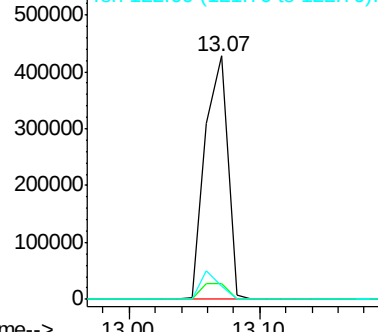
122 5.4 4.1 6.1



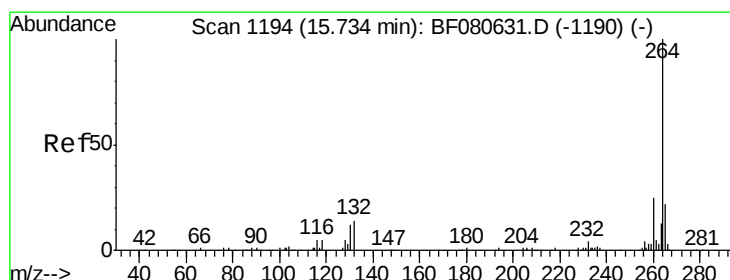
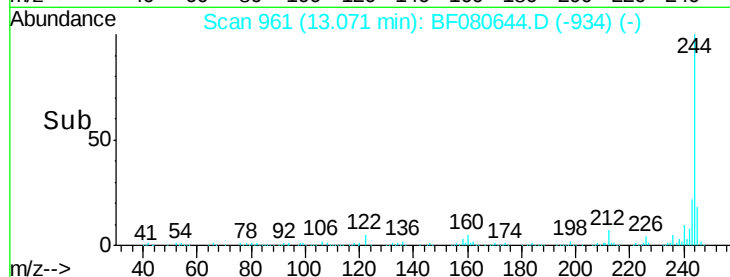
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.83 min Scan# 1202

Delta R.T. 0.09 min

Lab File: BF080644.D

Acq: 25 Jul 2015 00:14

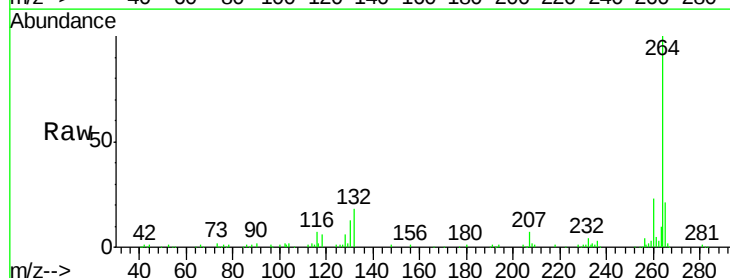
Tgt Ion:264 Resp: 134277

Ion Ratio Lower Upper

264 100

260 22.7 20.1 30.1

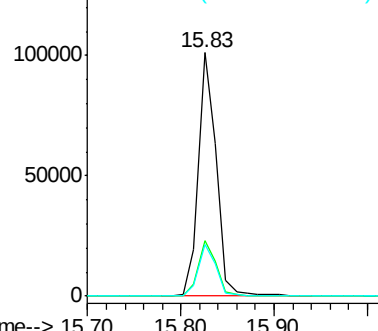
265 21.0 17.4 26.0



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



Time-->

