

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078026.D
 Acq On : 27 Mar 2015 7:25
 Operator : TP/IZ
 Sample : G1611-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Quant Time: Mar 27 14:09:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

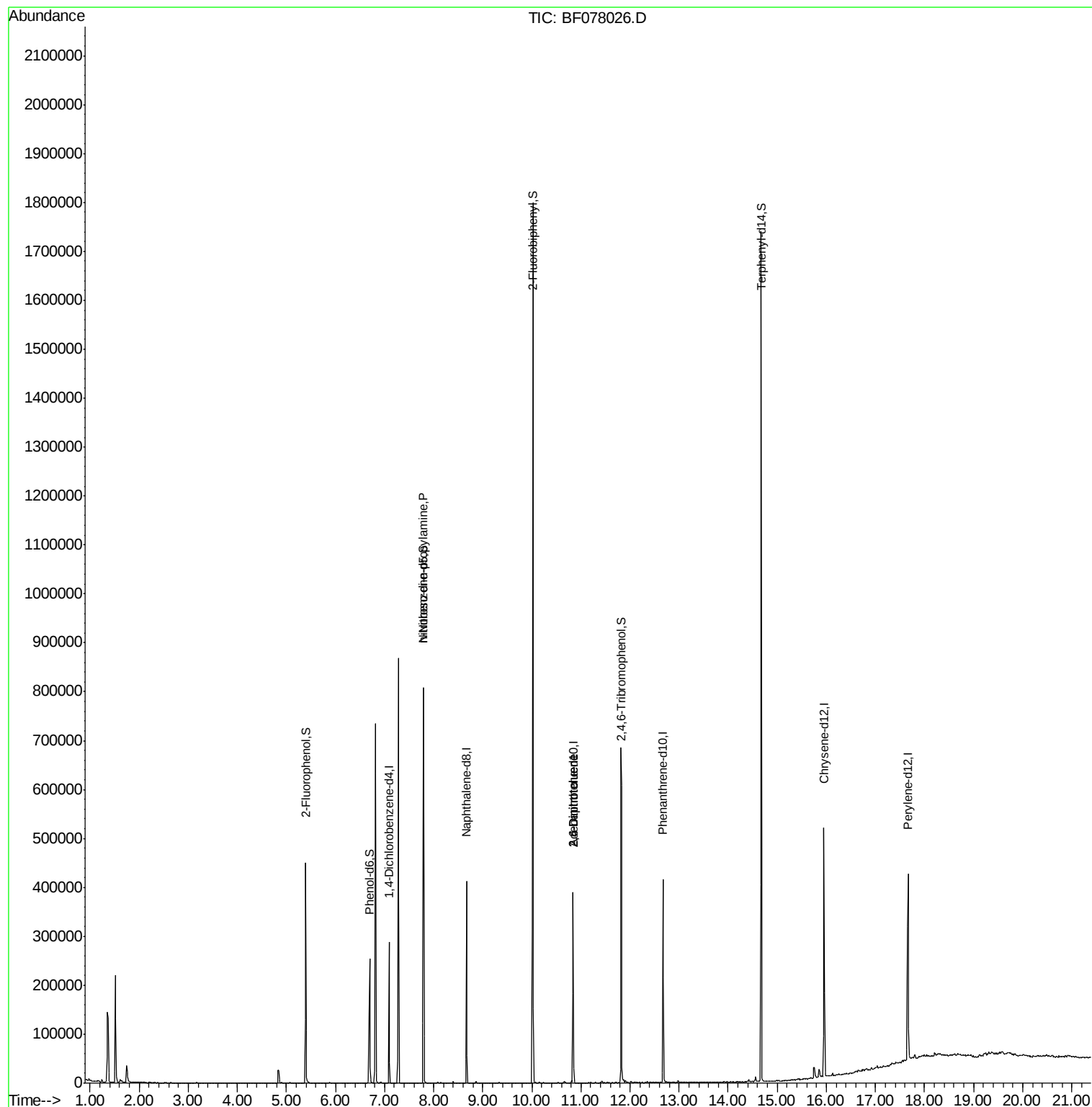
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	43834	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	182476	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	89894	20.00	ng	-0.07
63) Phenanthrene-d10	12.67	188	185340	20.00	ng	-0.08
75) Chrysene-d12	15.95	240	200881	20.00	ng	-0.18
86) Perylene-d12	17.67	264	188487	20.00	ng	-0.43
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	151789	60.44	ng	-0.05
7) Phenol-d6	6.69	99	115956	37.37	ng	-0.03
23) Nitrobenzene-d5	7.79	82	249446	89.61	ng	-0.07
41) 2,4,6-Tribromophenol	11.83	330	115647	134.46	ng	-0.07
44) 2-Fluorobiphenyl	10.02	172	556005	90.90	ng	-0.07
78) Terphenyl-d14	14.67	244	628470	76.42	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	31666	14.75	ng	# 80
50) 2,6-Dinitrotoluene	10.84	165	11468	8.30	ng	# 24
56) 2,4-Dinitrotoluene	10.84	165	11469	6.36	ng	# 11

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

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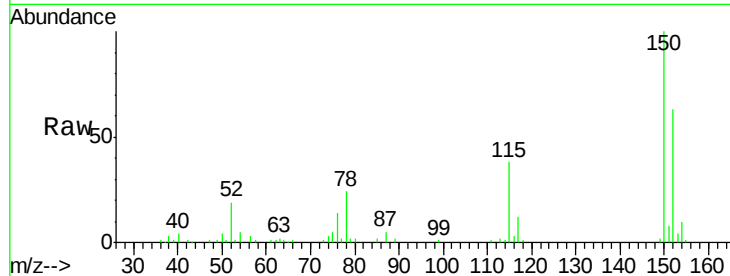




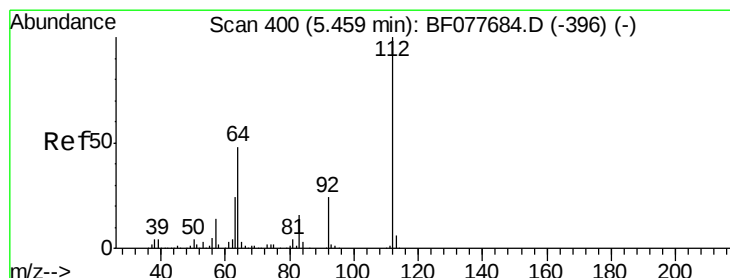
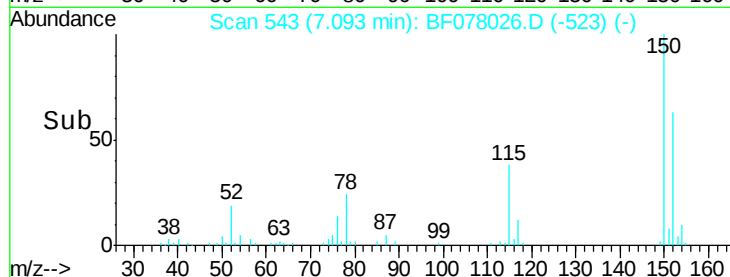
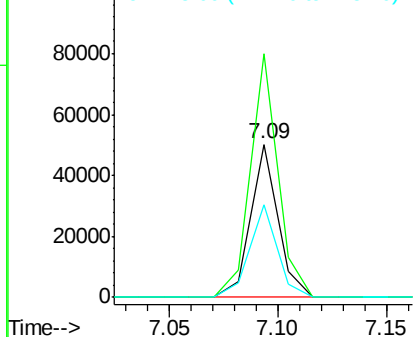
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.07 min
 Lab File: BF078026.D
 Acq: 27 Mar 2015 7:25

Instrument :
 BNA_F
 ClientSampled :
 MW-24

Tgt Ion:152 Resp: 43834
 Ion Ratio Lower Upper
 152 100
 150 158.9 119.5 179.3
 115 60.6 43.0 64.4

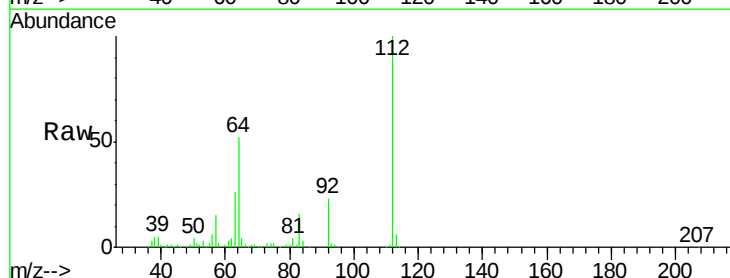


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

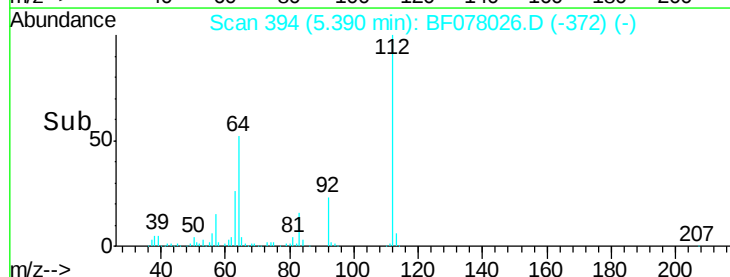
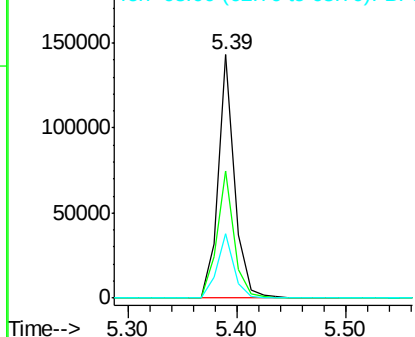


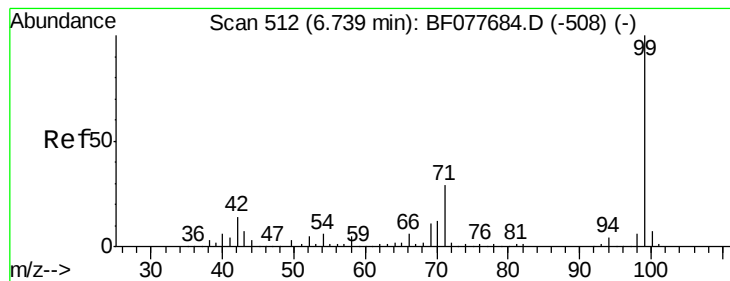
#5
 2-Fluorophenol
 Concen: 60.44 ng
 RT: 5.39 min Scan# 394
 Delta R.T. -0.05 min
 Lab File: BF078026.D
 Acq: 27 Mar 2015 7:25

Tgt Ion:112 Resp: 151789
 Ion Ratio Lower Upper
 112 100
 64 52.2 38.6 57.8
 63 26.3 19.3 28.9



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: 37.37 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF078026.D

Acq: 27 Mar 2015 7:25

Instrument :

BNA_F

ClientSampleId :

MW-24

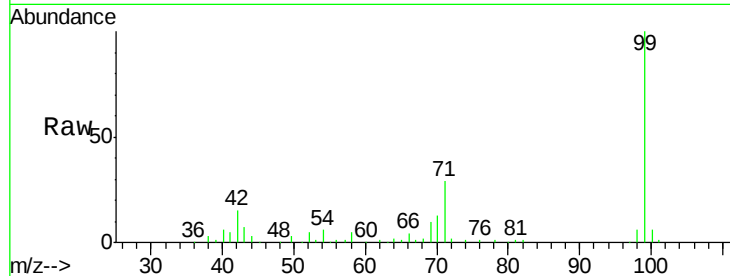
Tgt Ion: 99 Resp: 115956

Ion Ratio Lower Upper

99 100

42 14.7 11.0 16.4

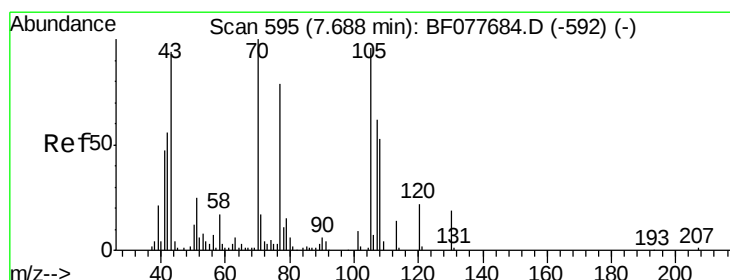
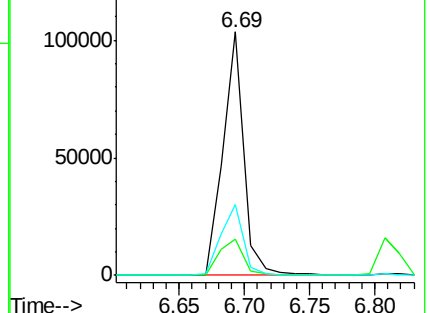
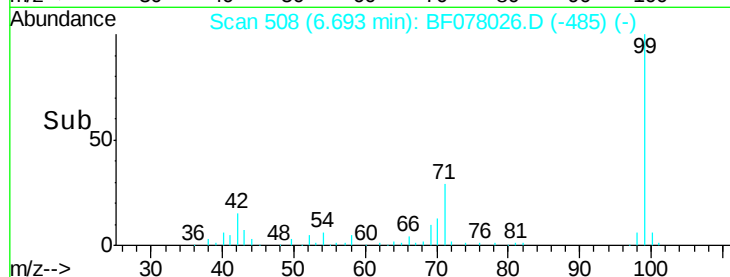
71 29.0 23.4 35.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.75 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.10 min

Lab File: BF078026.D

Acq: 27 Mar 2015 7:25

Tgt Ion: 70 Resp: 31666

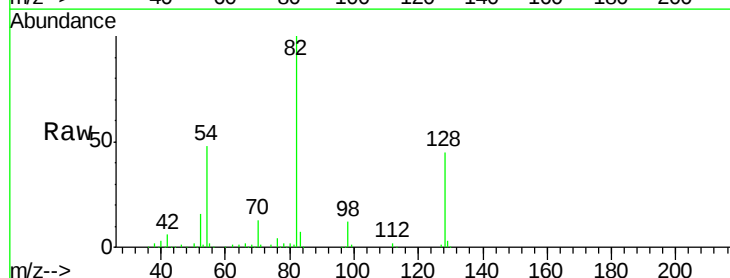
Ion Ratio Lower Upper

70 100

42 45.9 44.5 66.7

101 0.0 7.4 11.2#

130 2.3 15.3 22.9#

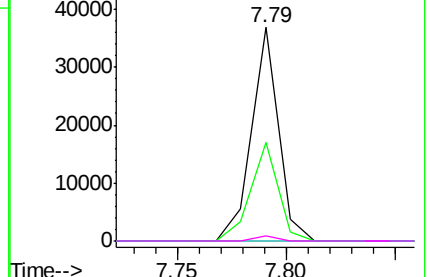
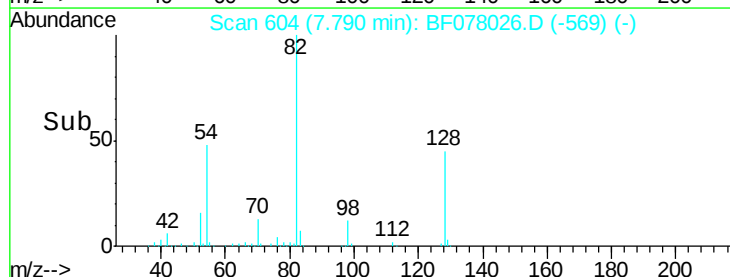


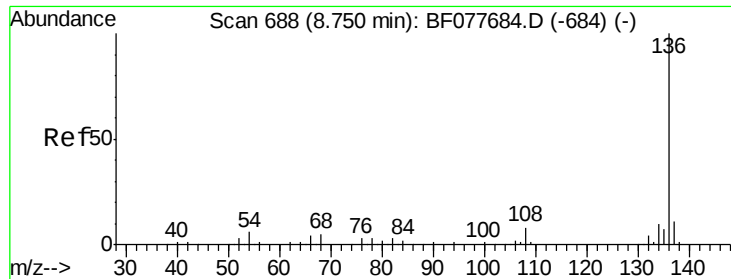
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

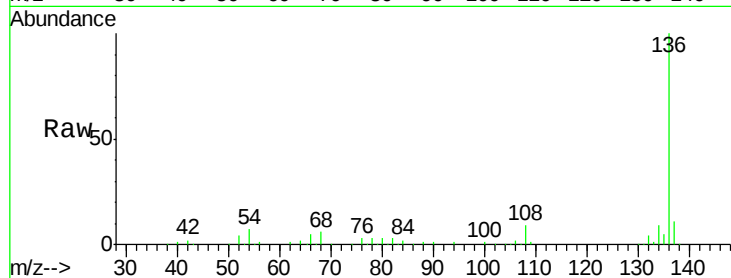




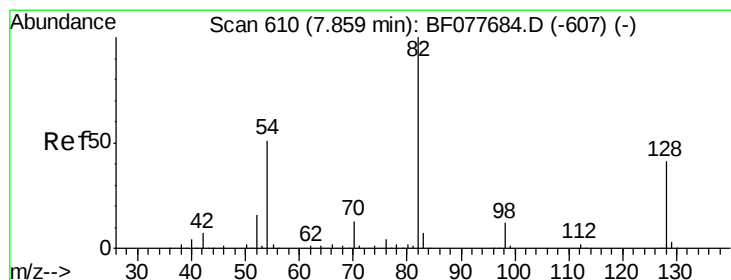
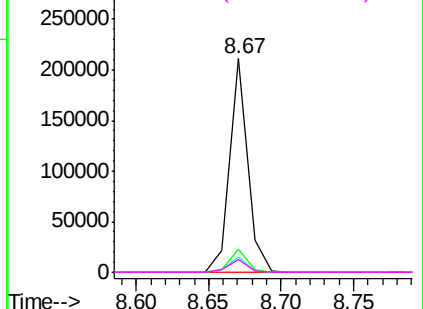
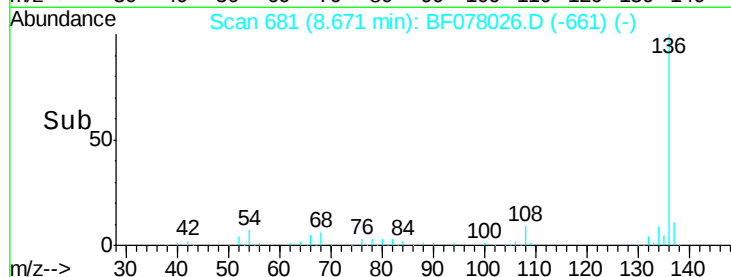
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF078026.D
Acq: 27 Mar 2015 7:25

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion: 136 Resp: 182476
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.5 4.6 6.8#
68 5.7 3.7 5.5#

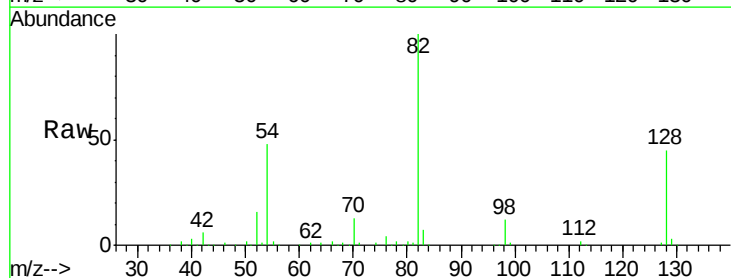


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

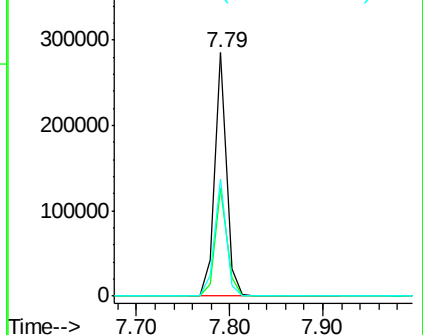
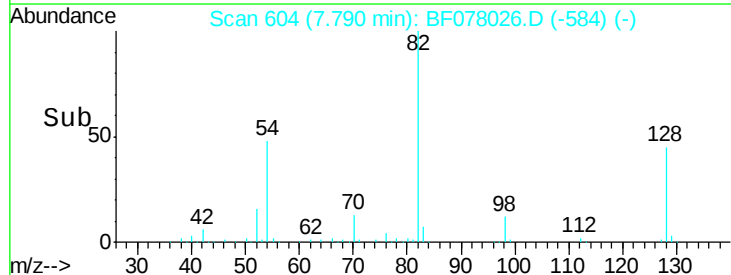


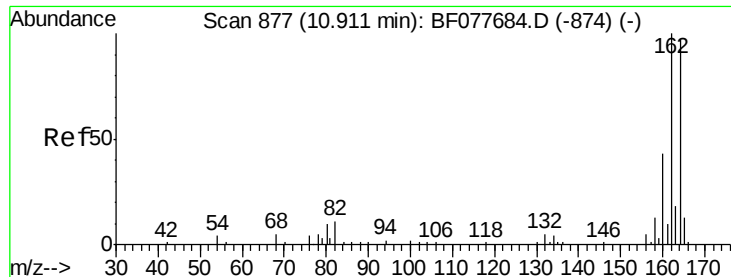
#23
Nitrobenzene-d5
Concen: 89.61 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.07 min
Lab File: BF078026.D
Acq: 27 Mar 2015 7:25

Tgt Ion: 82 Resp: 249446
Ion Ratio Lower Upper
82 100
128 44.6 32.8 49.2
54 48.1 40.6 60.8



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

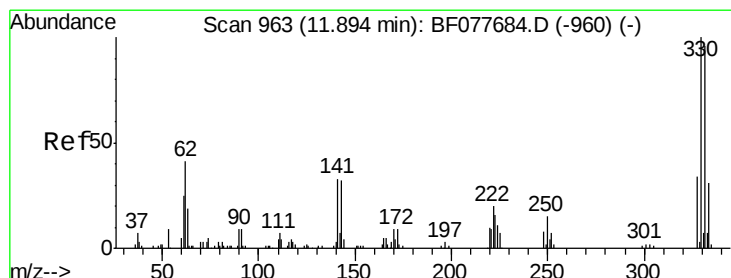
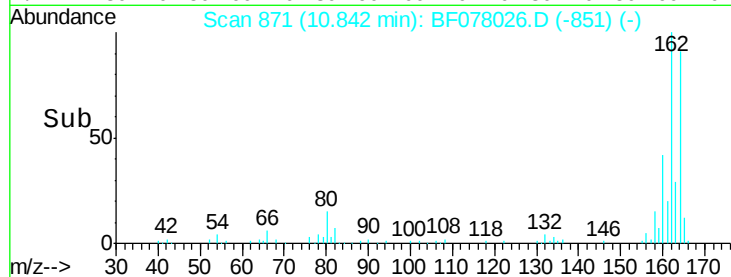
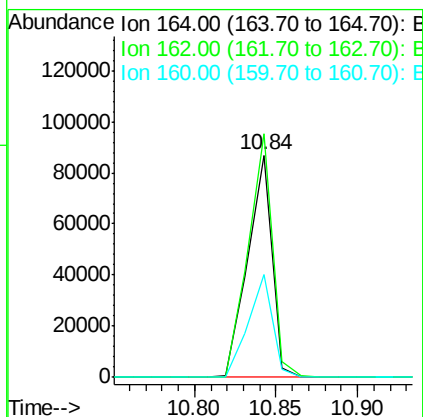
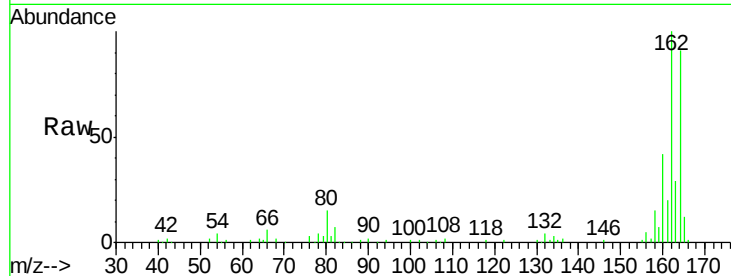




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.07 min
 Lab File: BF078026.D
 Acq: 27 Mar 2015 7:25

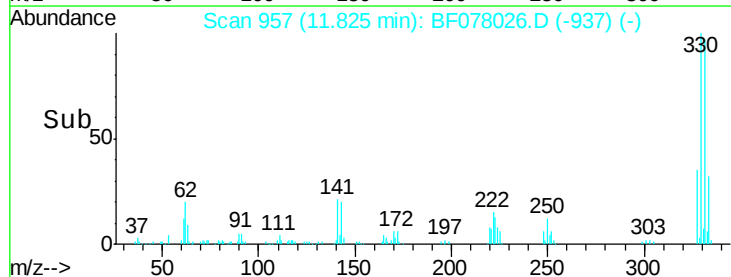
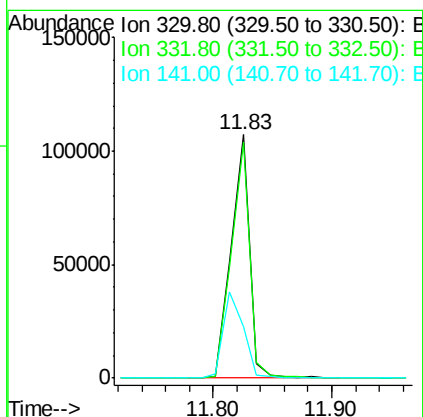
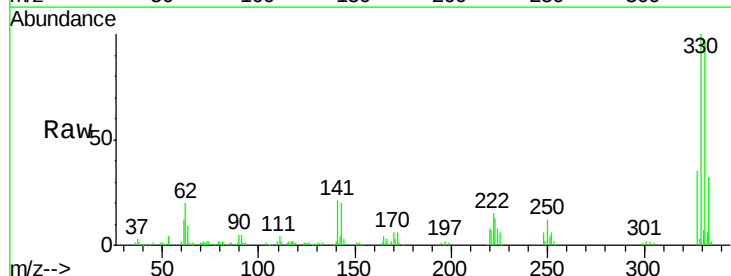
Instrument :
 BNA_F
 ClientSampleId :
 MW-24

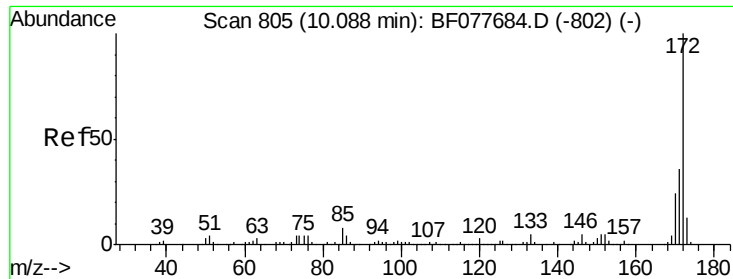
Tgt Ion:164 Resp: 89894
 Ion Ratio Lower Upper
 164 100
 162 109.5 82.4 123.6
 160 46.2 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 134.46 ng
 RT: 11.83 min Scan# 957
 Delta R.T. -0.07 min
 Lab File: BF078026.D
 Acq: 27 Mar 2015 7:25

Tgt Ion:330 Resp: 115647
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 38.4 0.0 0.0#

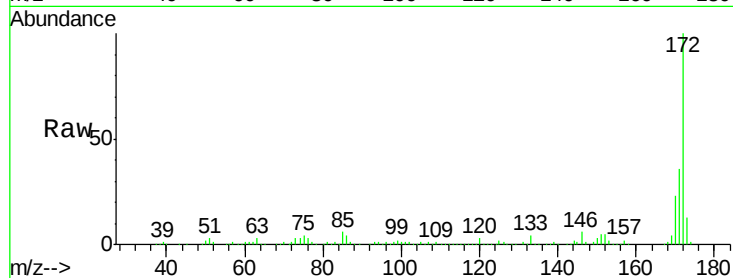




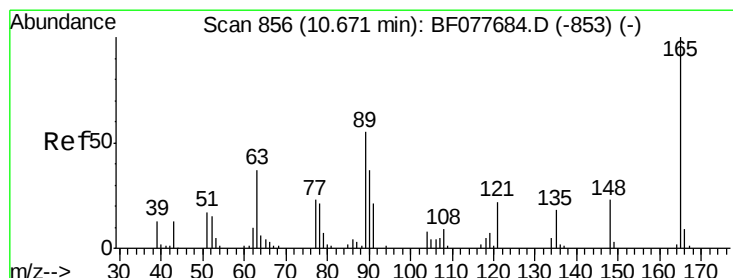
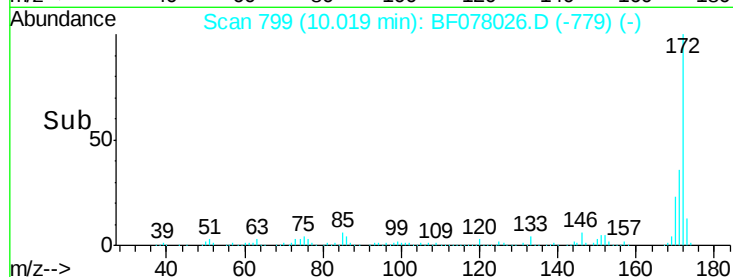
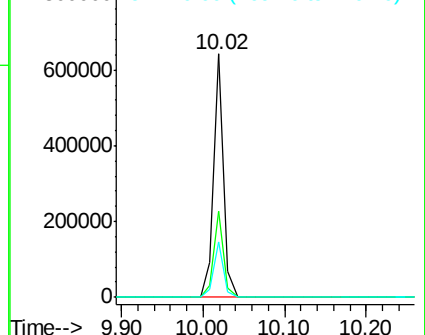
#44
 2-Fluorobiphenyl
 Concen: 90.90 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF078026.D
 Acq: 27 Mar 2015 7:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tgt Ion:172 Resp: 556005
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.0 18.8 28.2

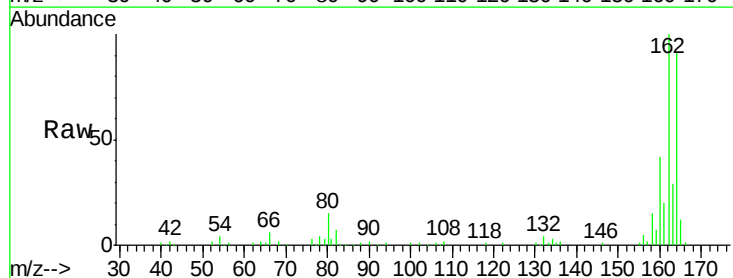


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

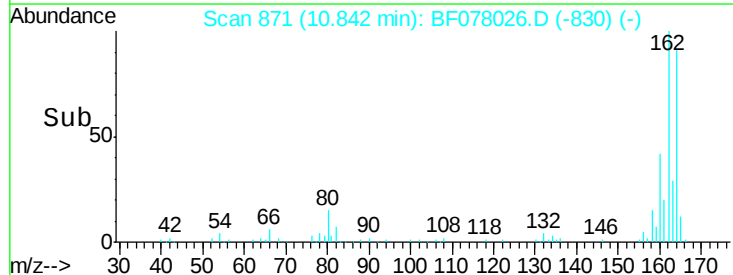
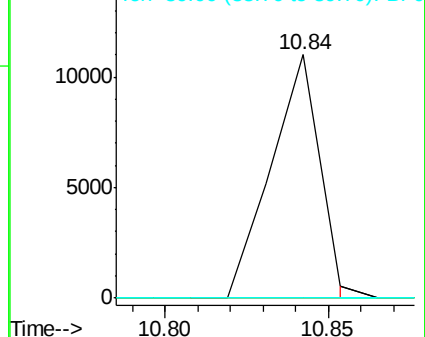


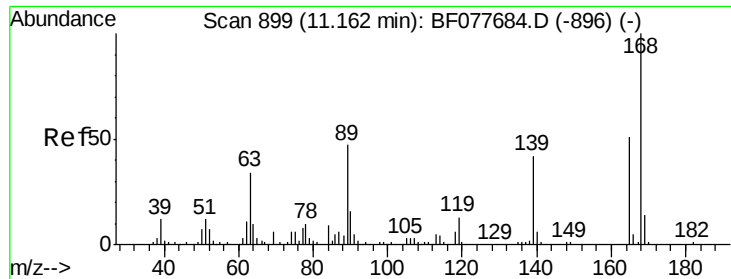
#50
 2,6-Dinitrotoluene
 Concen: 8.30 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.17 min
 Lab File: BF078026.D
 Acq: 27 Mar 2015 7:25

Tgt Ion:165 Resp: 11468
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#



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

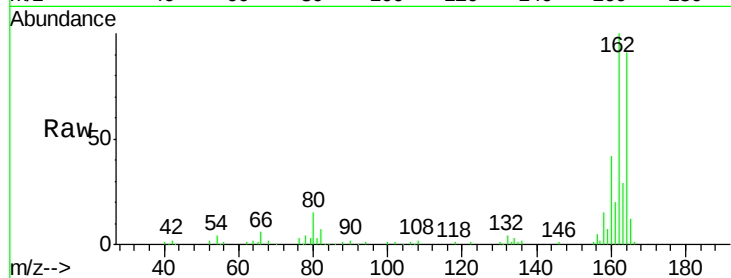




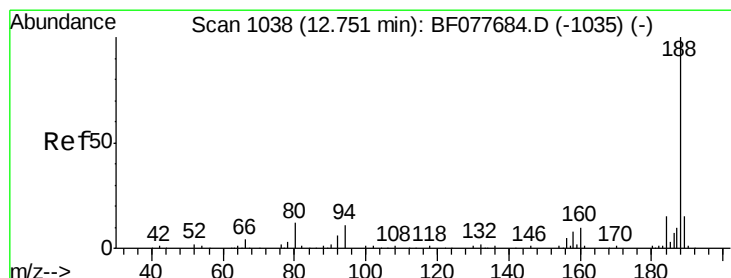
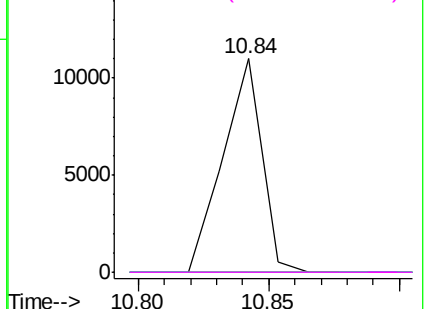
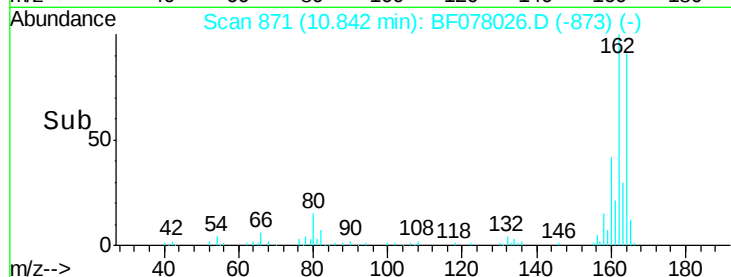
#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.32 min
 Lab File: BF078026.D
 Acq: 27 Mar 2015 7:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tgt Ion:165 Resp: 11469
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#

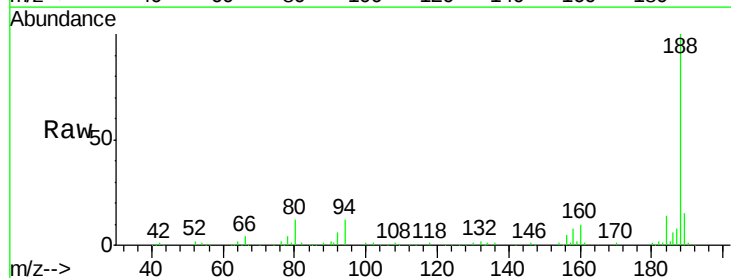


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

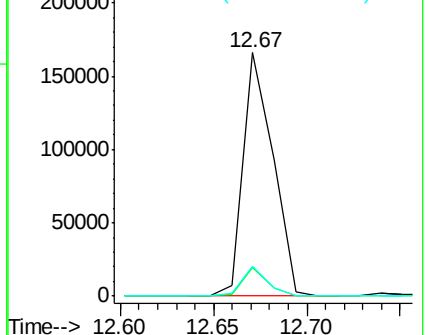
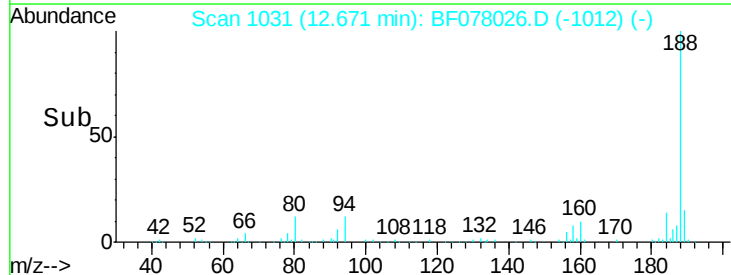


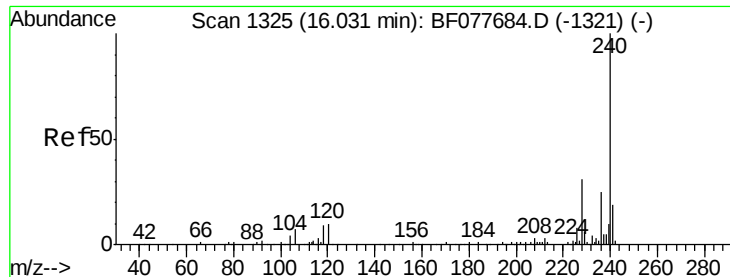
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.08 min
 Lab File: BF078026.D
 Acq: 27 Mar 2015 7:25

Tgt Ion:188 Resp: 185340
 Ion Ratio Lower Upper
 188 100
 94 11.9 8.7 13.1
 80 12.4 9.3 13.9



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

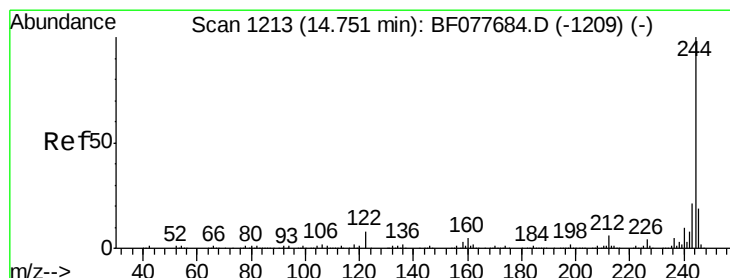
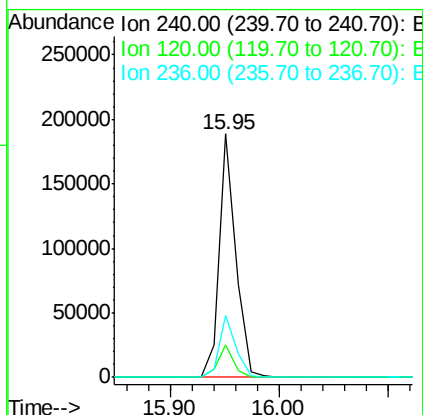
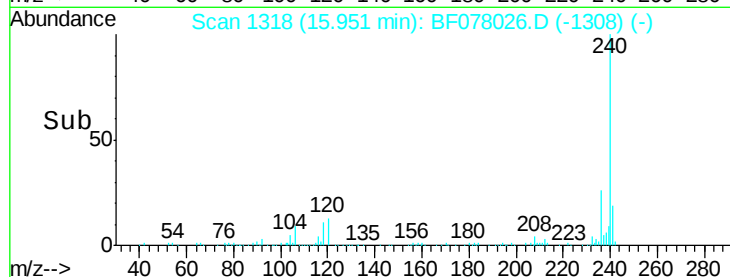
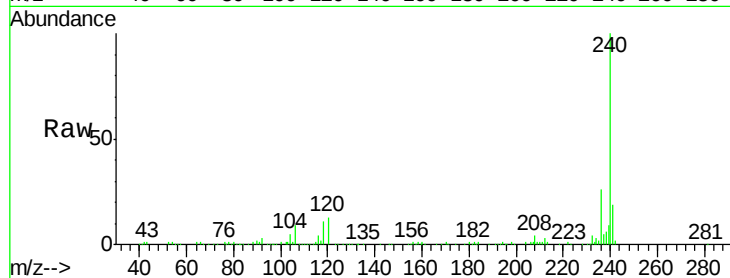




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF078026.D
Acq: 27 Mar 2015 7:25

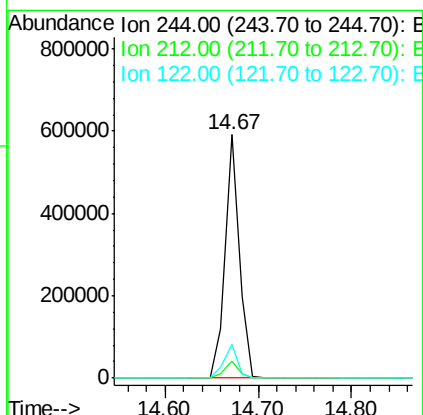
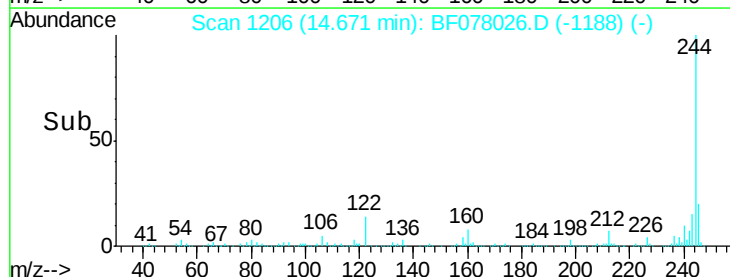
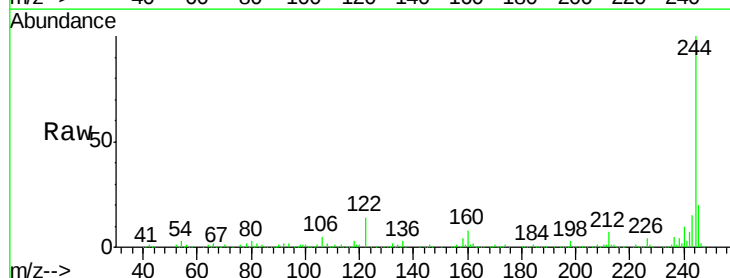
Instrument :
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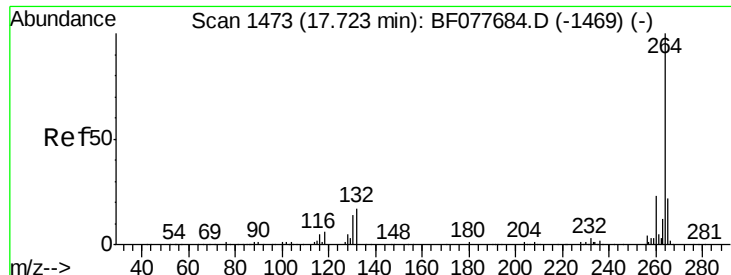
Tgt Ion:240 Resp: 200881
Ion Ratio Lower Upper
240 100
120 13.2 8.2 12.2#
236 25.5 20.0 30.0



#78
Terphenyl-d14
Concen: 76.42 ng
RT: 14.67 min Scan# 1206
Delta R.T. -0.09 min
Lab File: BF078026.D
Acq: 27 Mar 2015 7:25

Tgt Ion:244 Resp: 628470
Ion Ratio Lower Upper
244 100
212 7.1 4.9 7.3
122 14.0 6.2 9.4#

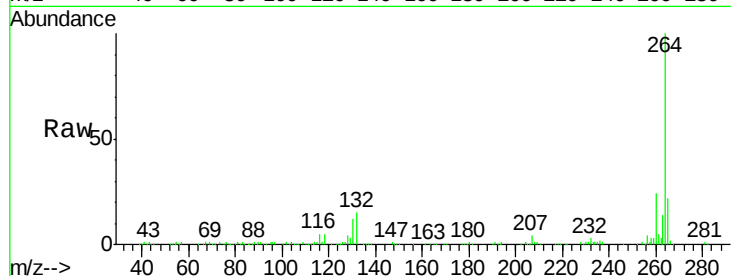




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.67 min Scan# 1468
Delta R.T. -0.43 min
Lab File: BF078026.D
Acq: 27 Mar 2015 7:25

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.6	17.3	25.9



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

