

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089520.D
 Acq On : 1 Aug 2016 19:56
 Operator : UM/SJ
 Sample : H4251-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: Aug 02 01:48:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

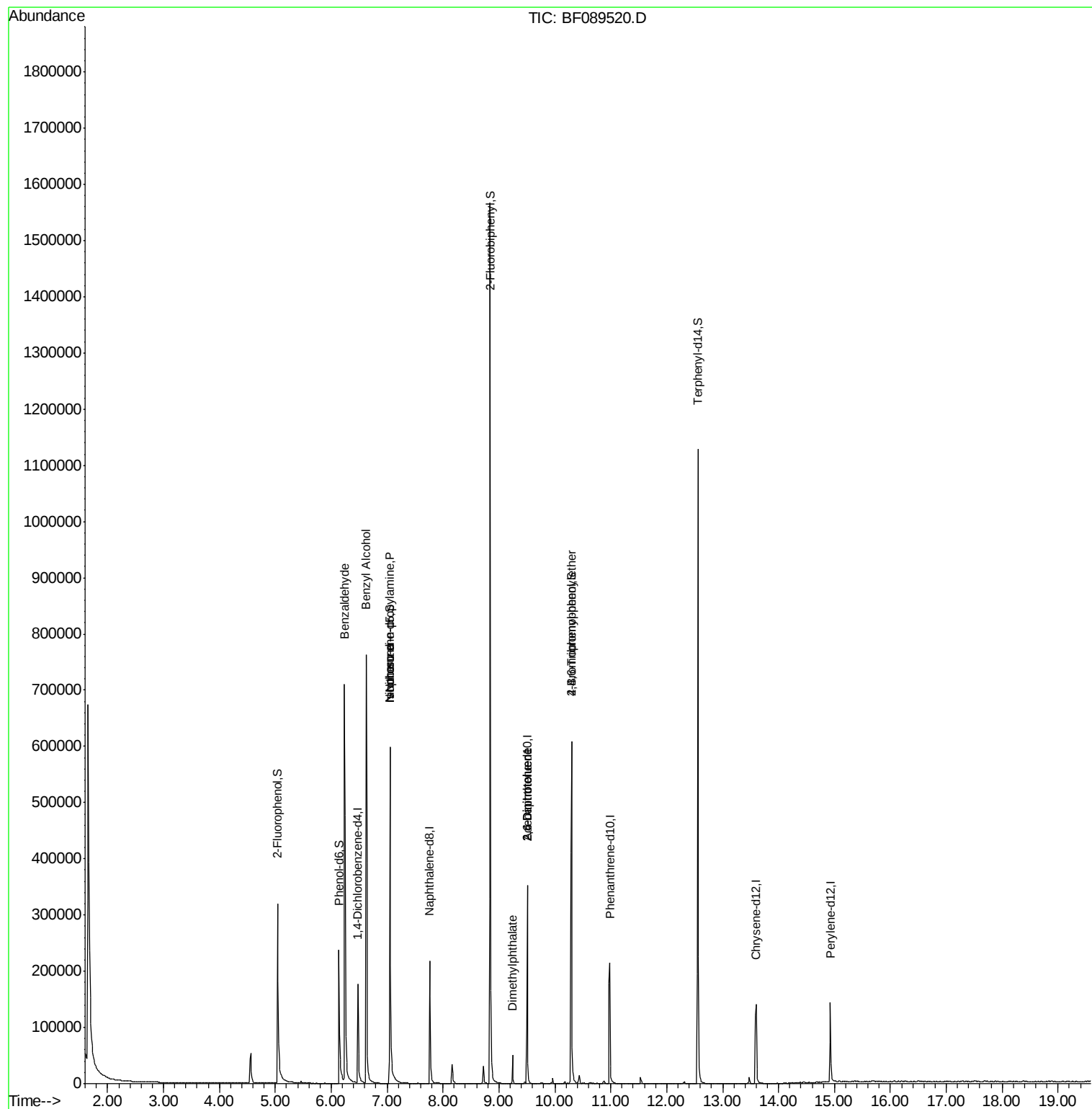
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	36959	20.00	ng	-0.07
21) Naphthalene-d8	7.76	136	156305	20.00	ng	-0.07
38) Acenaphthene-d10	9.51	164	73249	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	133449	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	78193	20.00	ng	-0.07
86) Perylene-d12	14.93	264	68985	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	151956	65.65	ng	-0.07
7) Phenol-d6	6.14	99	129582	42.36	ng	-0.07
23) Nitrobenzene-d5	7.05	82	265187	100.14	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	87324	143.94	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	499599	100.10	ng	-0.07
78) Terphenyl-d14	12.56	244	354640	106.15	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.24	77	5927	3.97	ng	# 71
15) Benzyl Alcohol	6.63	79	4087	2.15	ng	# 51
19) n-Nitroso-di-n-propylamine	7.05	70	34960	18.95	ng	# 82
25) Isophorone	7.05	82	253694	47.56	ng	# 67
49) Dimethylphthalate	9.24	163	21930	3.93	ng	98
50) 2,6-Dinitrotoluene	9.51	165	9049	7.90	ng	# 24
56) 2,4-Dinitrotoluene	9.51	165	9049	6.00	ng	# 7
66) 4-Bromophenyl-phenylether	10.30	248	6720	5.27	ng	# 1

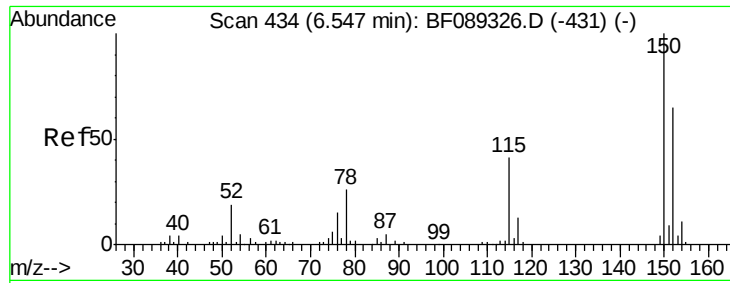
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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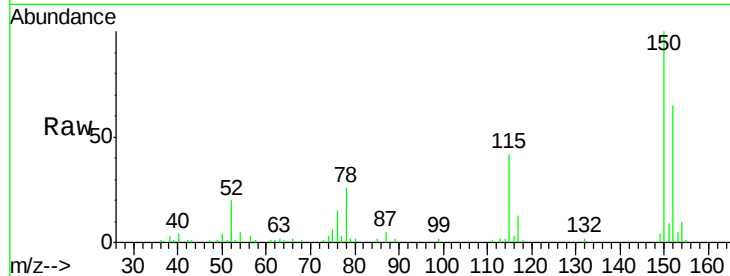


#1

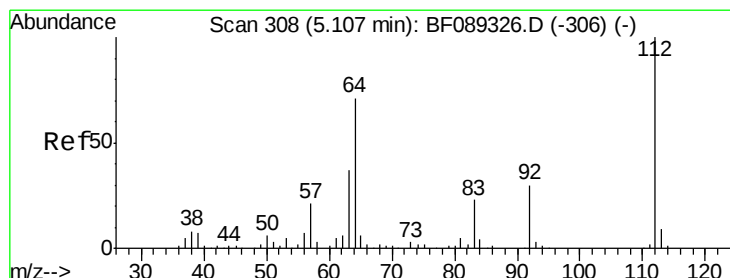
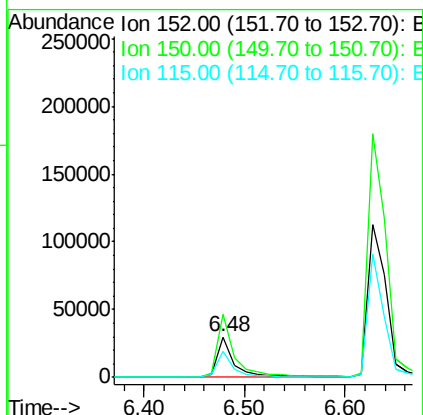
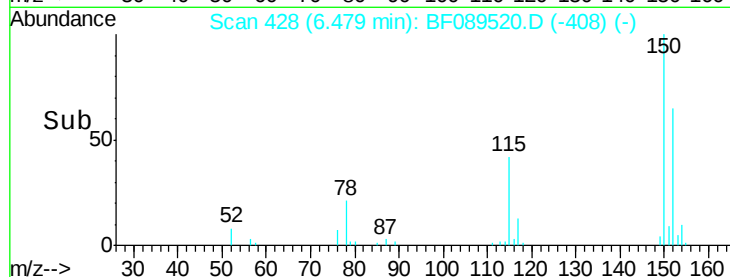
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.07 min
Lab File: BF089520.D
Acq: 1 Aug 2016 19:56

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:152 Resp: 36959
Ion Ratio Lower Upper
152 100
150 154.7 129.5 194.3
115 65.3 51.4 77.2



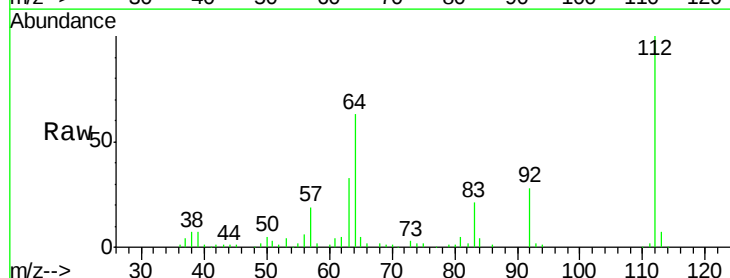
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



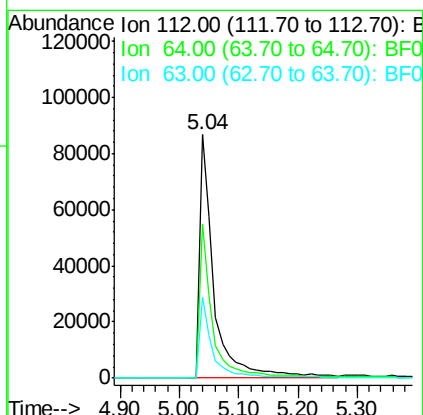
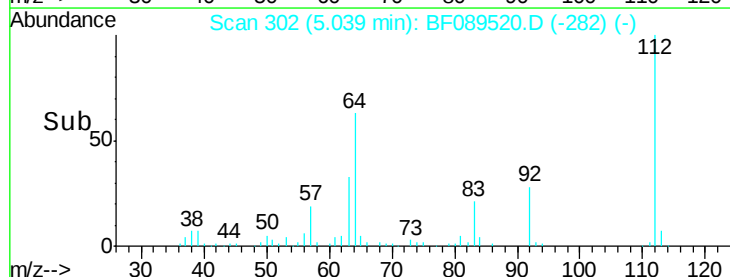
#5

2-Fluorophenol
Concen: 65.65 ng
RT: 5.04 min Scan# 302
Delta R.T. -0.07 min
Lab File: BF089520.D
Acq: 1 Aug 2016 19:56

Tgt Ion:112 Resp: 151956
Ion Ratio Lower Upper
112 100
64 63.1 55.0 82.6
63 33.5 29.4 44.2



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: 42.36 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089520.D

Acq: 1 Aug 2016 19:56

Instrument :

BNA_F

ClientSampleId :

MW-05

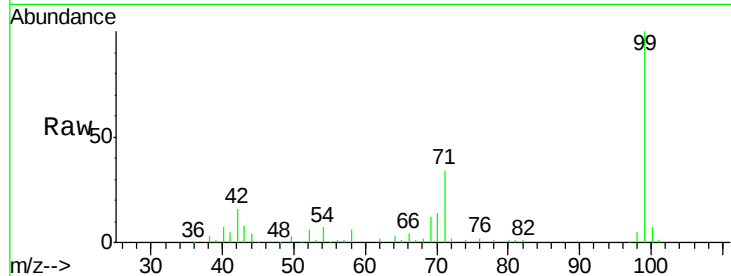
Tgt Ion: 99 Resp: 129582

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

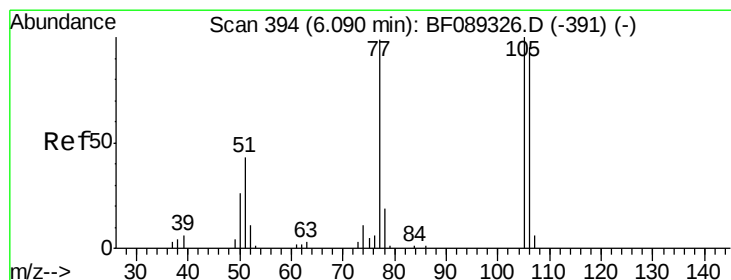
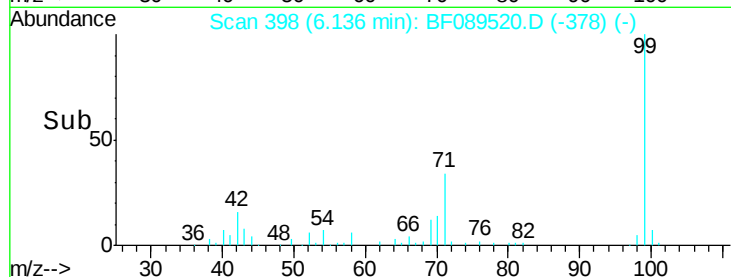
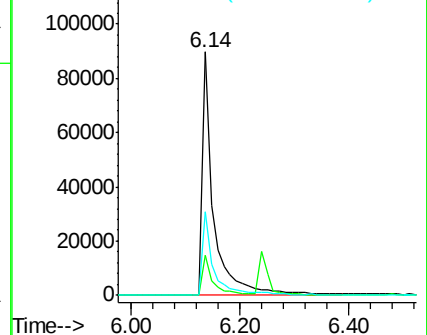
71 34.4 29.4 44.2



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: 3.97 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.15 min

Lab File: BF089520.D

Acq: 1 Aug 2016 19:56

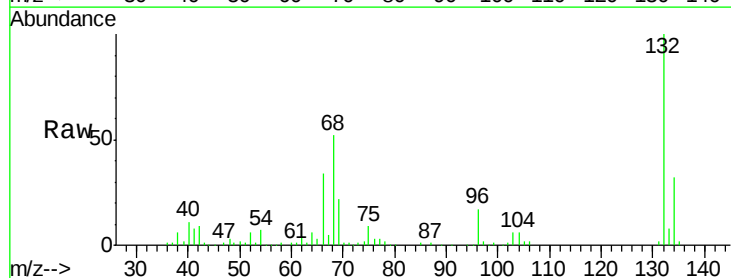
Tgt Ion: 77 Resp: 5927

Ion Ratio Lower Upper

77 100

105 73.7 82.9 122.9#

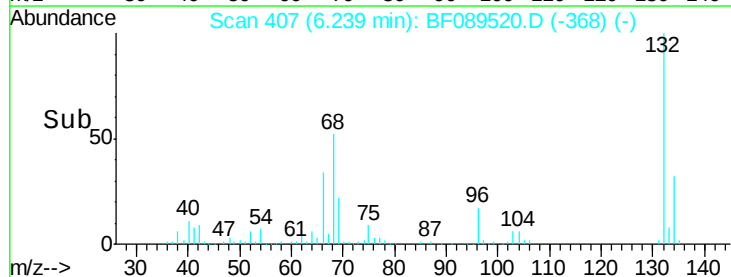
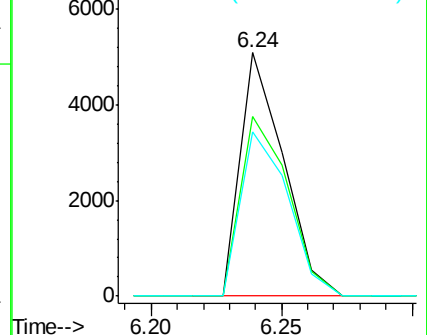
106 67.5 75.9 115.9#

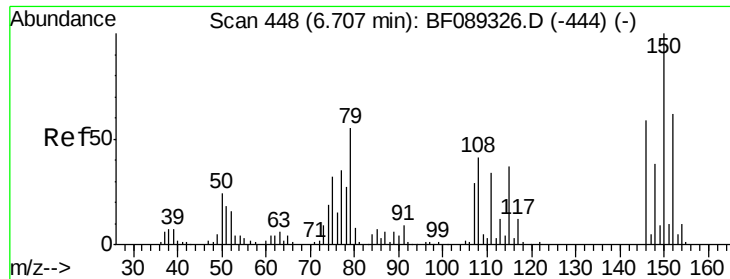


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF089520.D

Acq: 1 Aug 2016 19:56

Instrument :

BNA_F

ClientSampleId :

MW-05

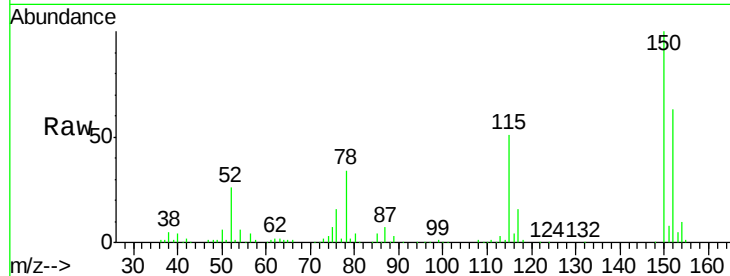
Tgt Ion: 79 Resp: 4087

Ion Ratio Lower Upper

79 100

108 23.6 59.8 89.6#

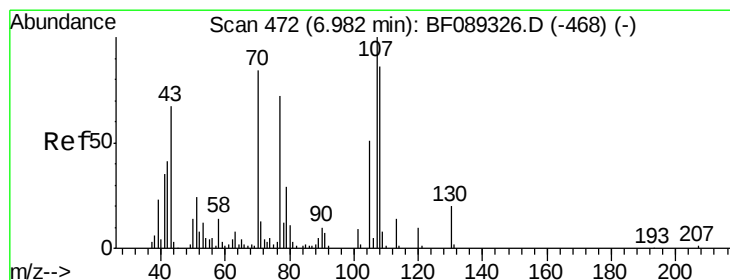
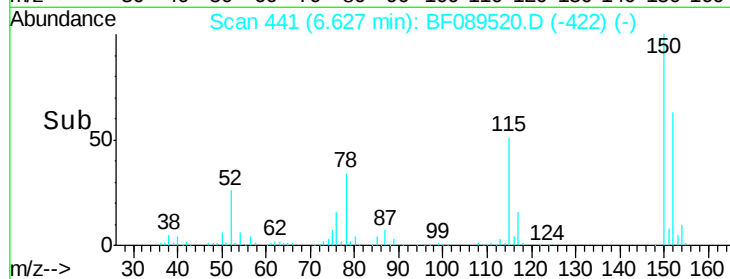
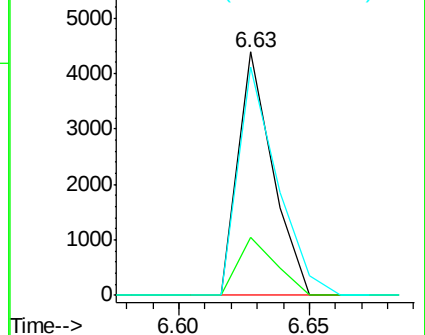
77 93.6 51.7 77.5#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.95 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089520.D

Acq: 1 Aug 2016 19:56

Tgt Ion: 70 Resp: 34960

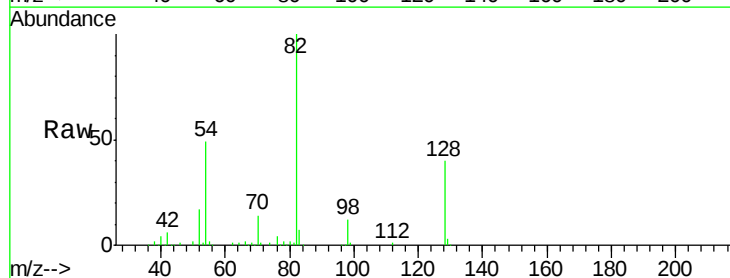
Ion Ratio Lower Upper

70 100

42 46.5 38.6 57.8

101 0.0 8.3 12.5#

130 2.2 19.0 28.4#

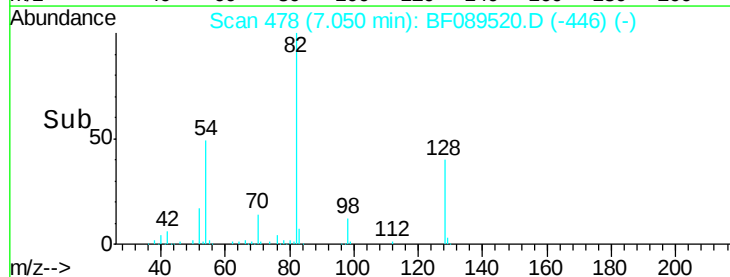
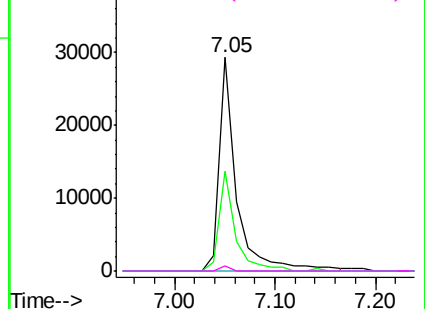


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

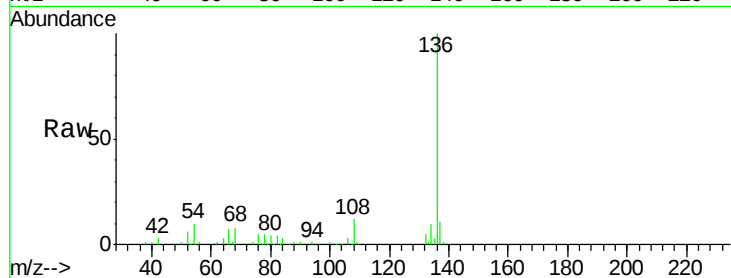




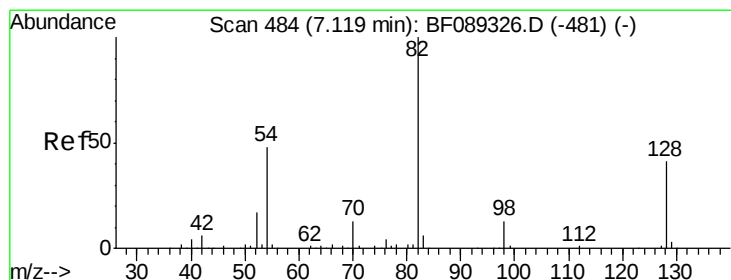
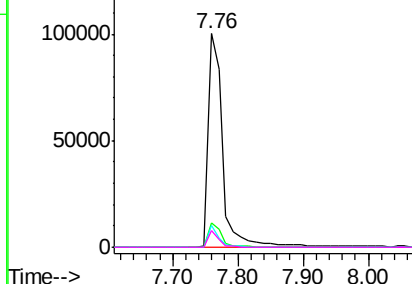
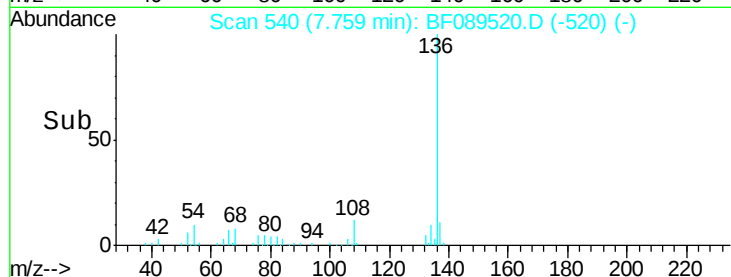
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF089520.D
Acq: 1 Aug 2016 19:56

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:	136	Resp:	156305
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.2	7.0	10.4
68	7.6	4.9	7.3#

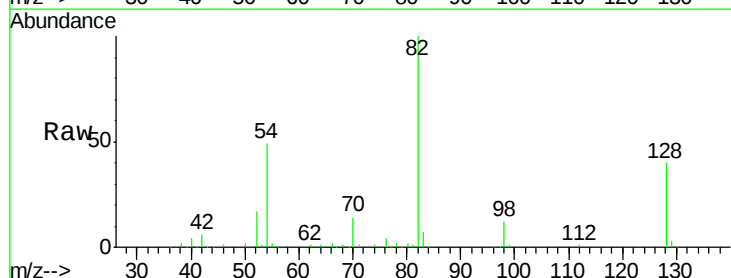


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

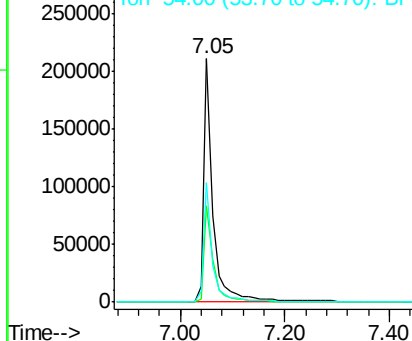
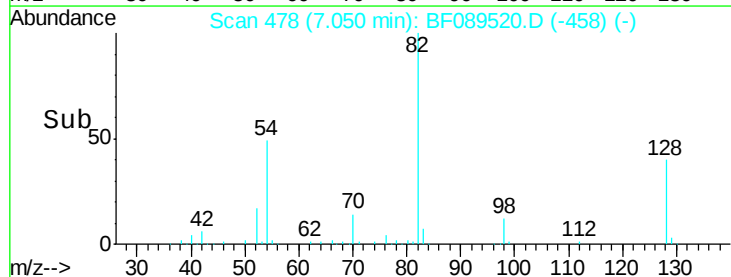


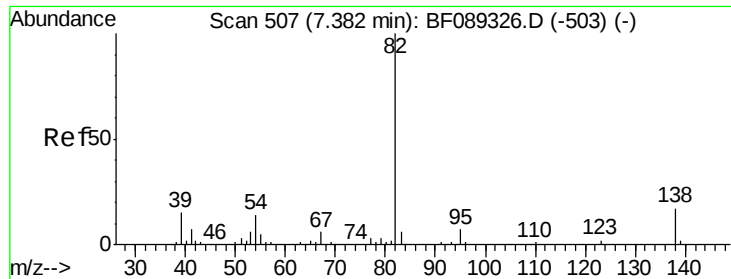
#23
Nitrobenzene-d5
Concen: 100.14 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF089520.D
Acq: 1 Aug 2016 19:56

Tgt Ion:	82	Resp:	265187
Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.5	48.7
54	49.0	38.8	58.2



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: 47.56 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.33 min

Lab File: BF089520.D

Acq: 1 Aug 2016 19:56

Instrument :

BNA_F

ClientSampled :

MW-05

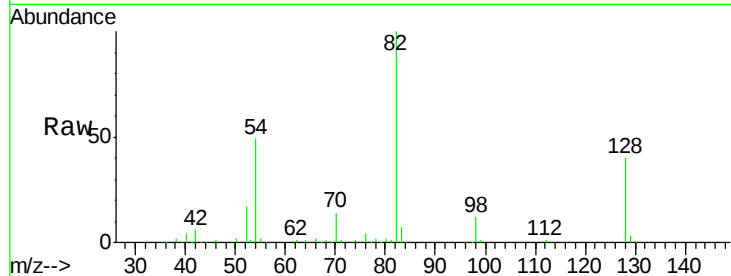
Tgt Ion: 82 Resp: 253694

Ion Ratio Lower Upper

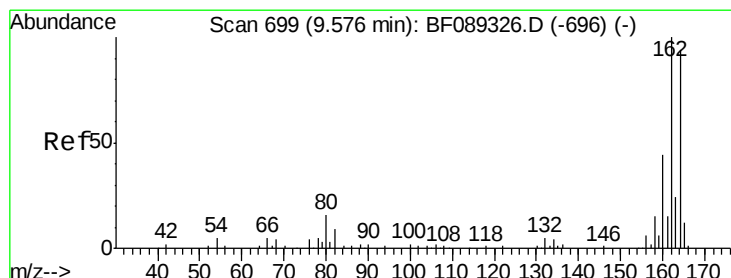
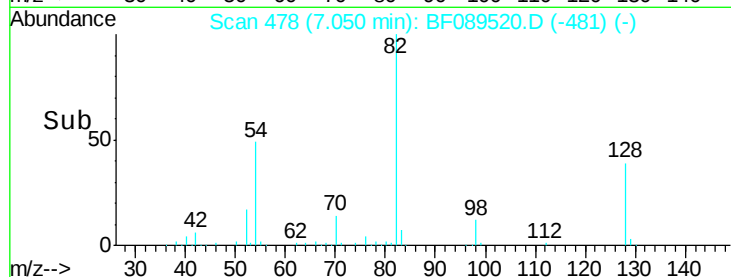
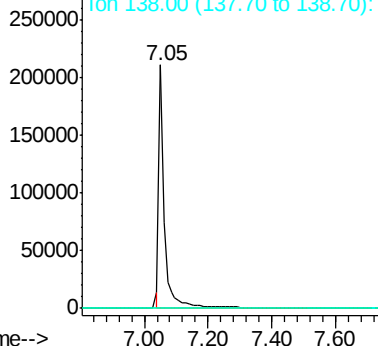
82 100

95 0.0 6.0 9.0#

138 0.0 13.3 19.9#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.07 min

Lab File: BF089520.D

Acq: 1 Aug 2016 19:56

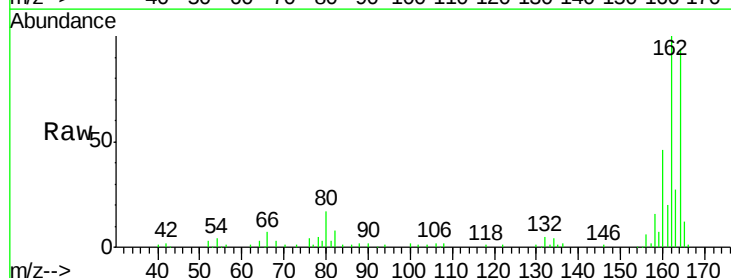
Tgt Ion: 164 Resp: 73249

Ion Ratio Lower Upper

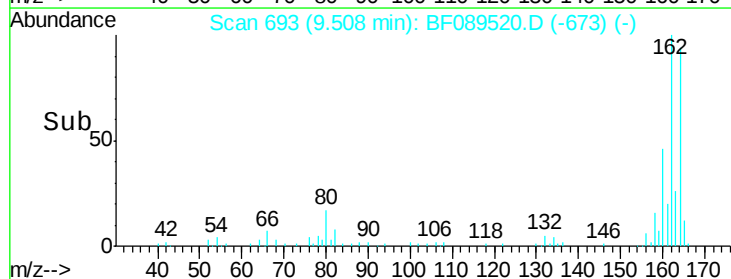
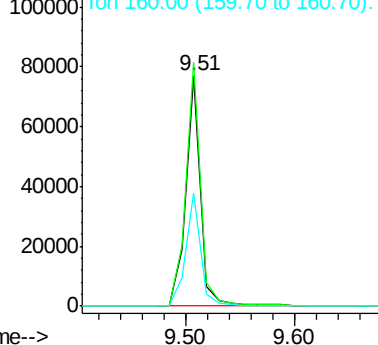
164 100

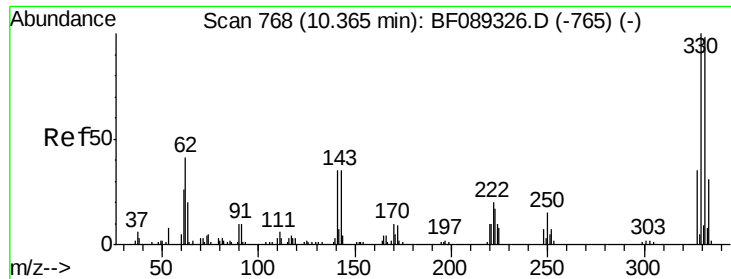
162 106.0 83.7 125.5

160 49.0 37.8 56.6



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

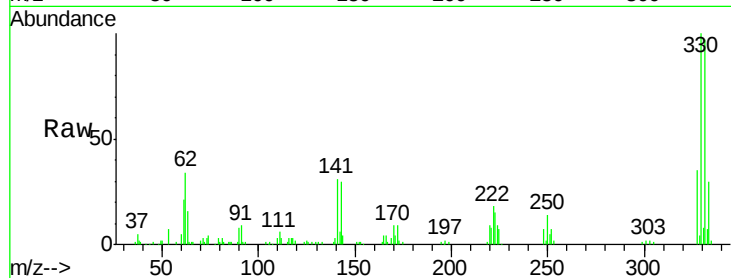




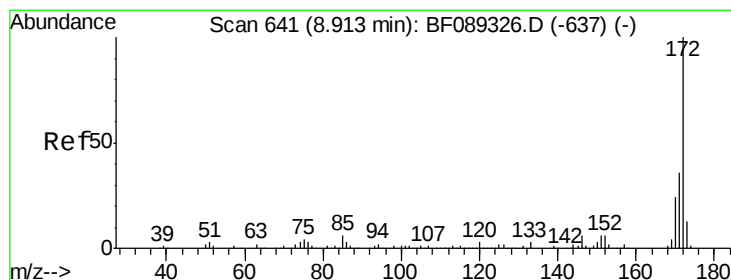
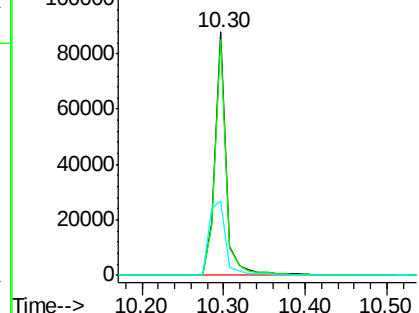
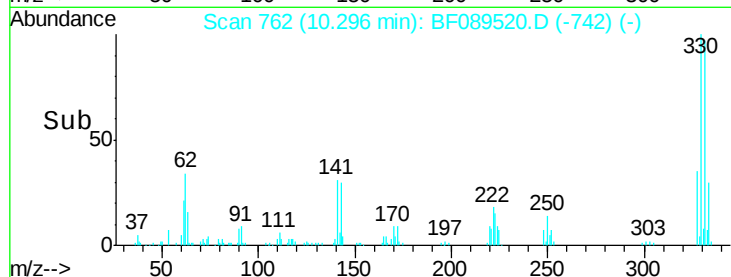
#41
 2,4,6-Tribromophenol
 Concen: 143.94 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.07 min
 Lab File: BF089520.D
 Acq: 1 Aug 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tgt Ion:330 Resp: 87324
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.8 115.2
 141 45.6 37.3 55.9

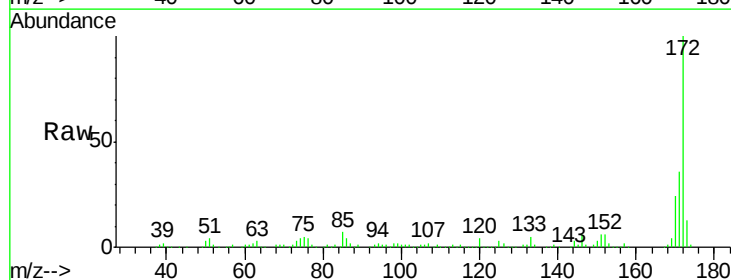


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

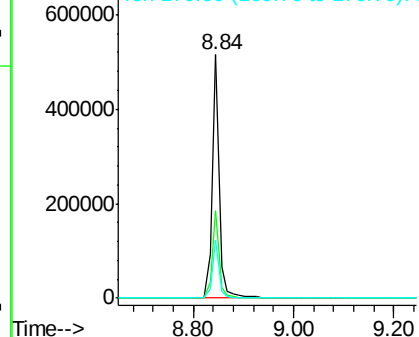
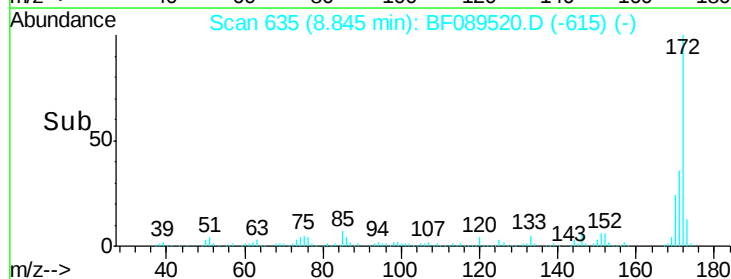


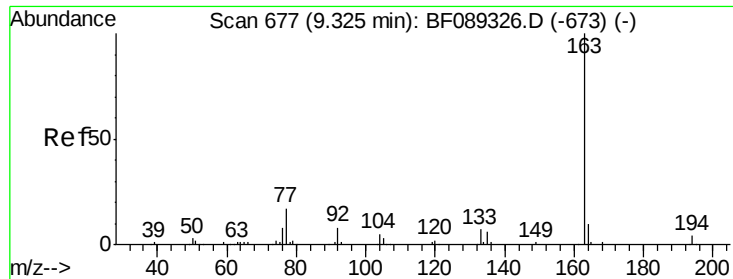
#44
 2-Fluorobiphenyl
 Concen: 100.10 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089520.D
 Acq: 1 Aug 2016 19:56

Tgt Ion:172 Resp: 499599
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.7 19.2 28.8



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

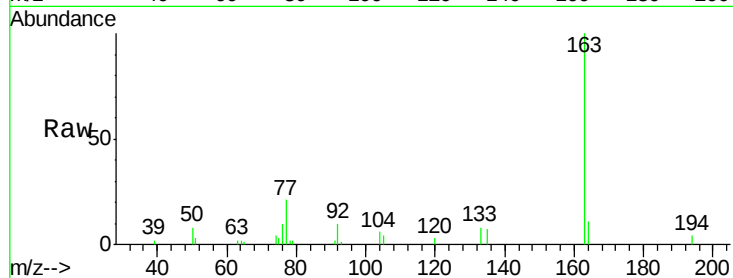




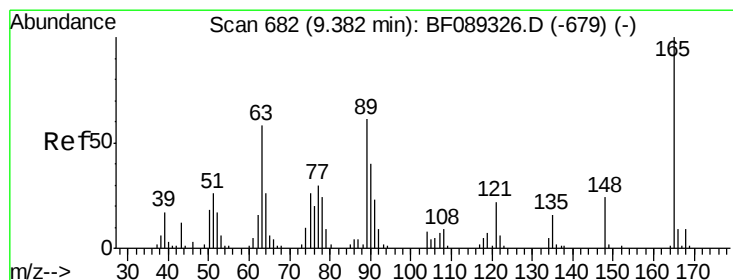
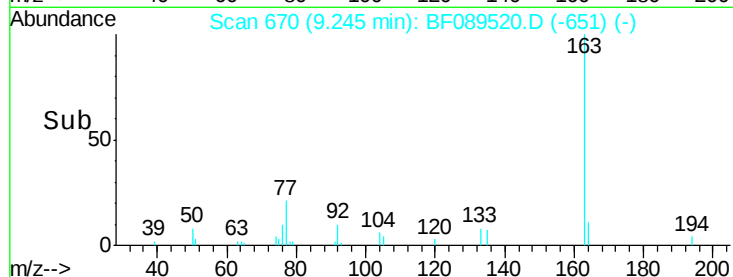
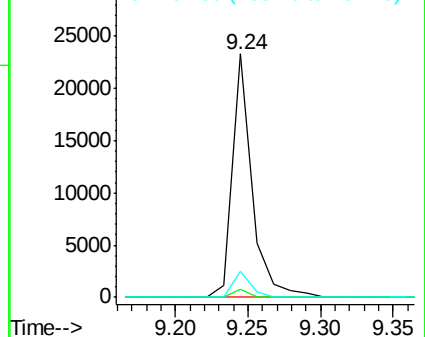
#49
Dimethylphthalate
Concen: 3.93 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.08 min
Lab File: BF089520.D
Acq: 1 Aug 2016 19:56

Instrument :
BNA_F
ClientSampleId :
MW-05

Tgt Ion:163 Resp: 21930
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.8 7.8 11.8

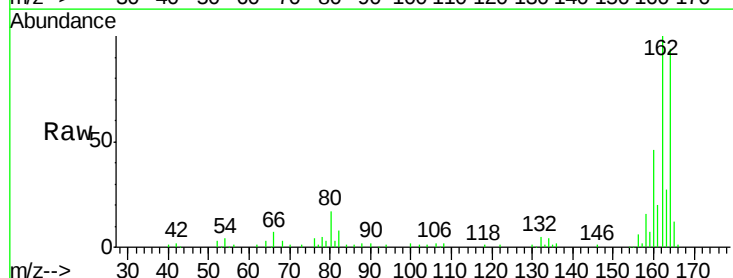


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

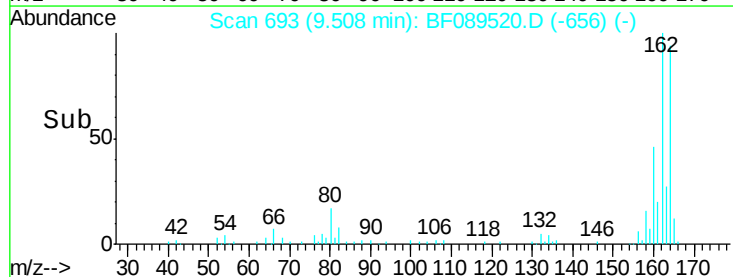
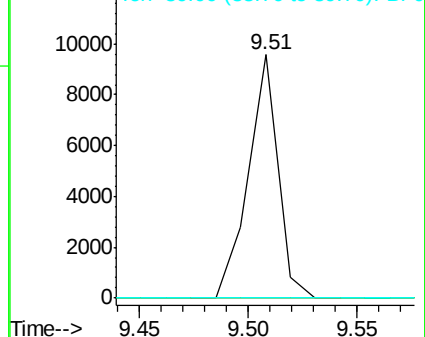


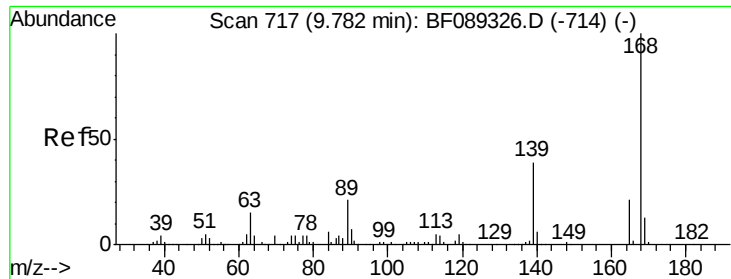
#50
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.13 min
Lab File: BF089520.D
Acq: 1 Aug 2016 19:56

Tgt Ion:165 Resp: 9049
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 45.0 67.4#



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

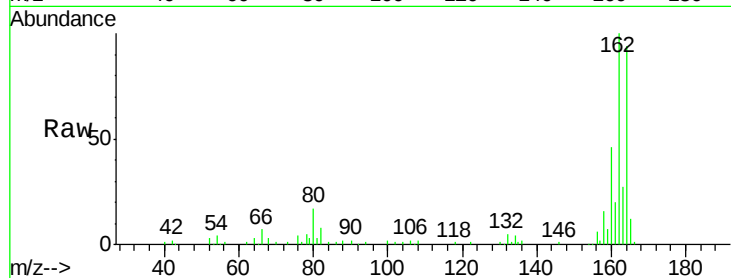




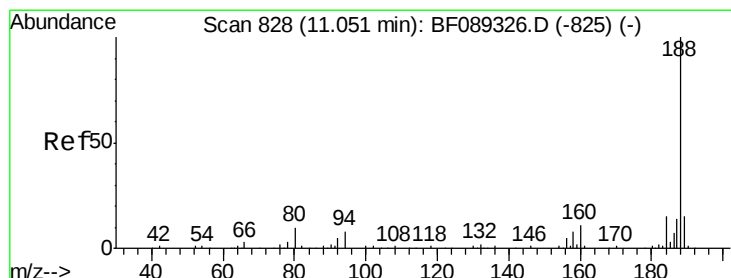
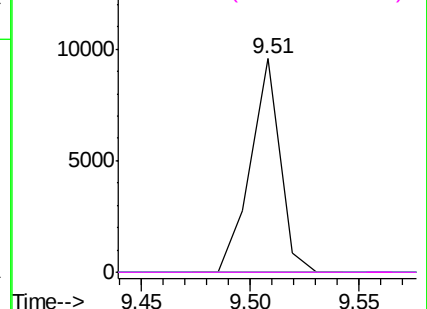
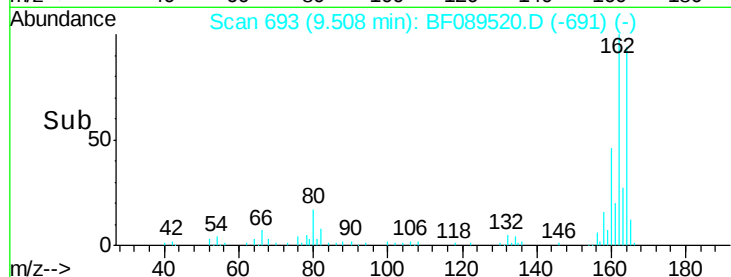
#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.27 min
 Lab File: BF089520.D
 Acq: 1 Aug 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tgt Ion:165 Resp: 9049
 Ion Ratio Lower Upper
 165 100
 63 0.0 58.2 87.2#
 89 0.0 79.1 118.7#
 182 0.0 1.8 2.8#

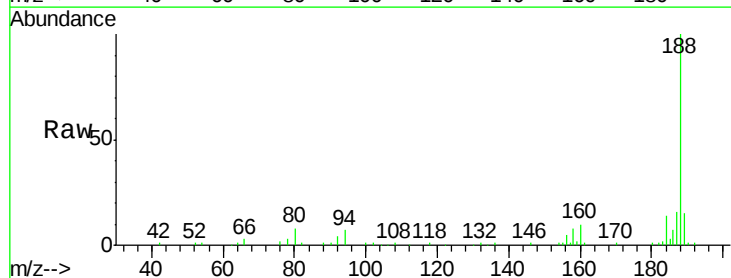


Abundance Ion 165.00 (164.70 to 165.70): E
 15000
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

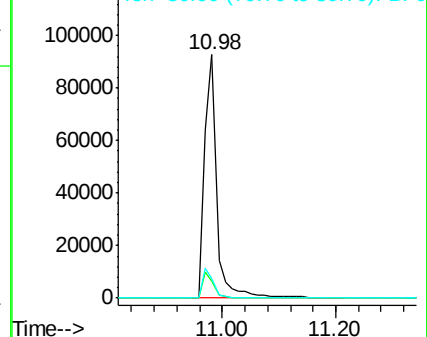
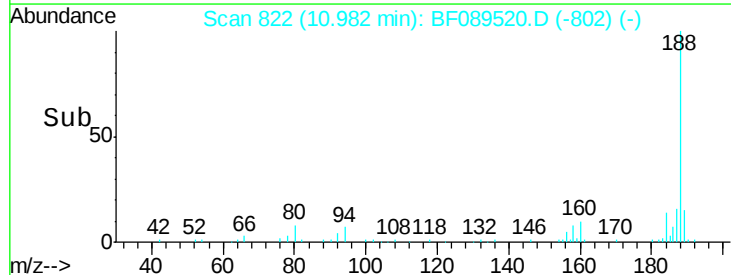


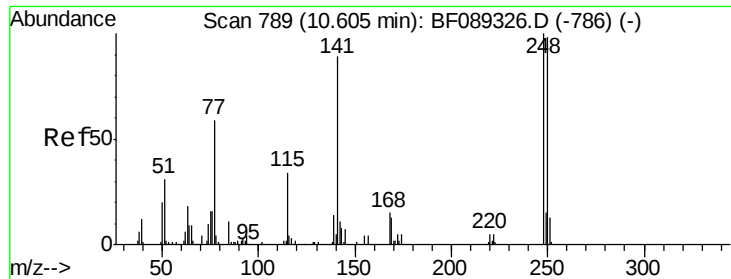
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.07 min
 Lab File: BF089520.D
 Acq: 1 Aug 2016 19:56

Tgt Ion:188 Resp: 133449
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.5 9.7
 80 7.9 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E
 120000
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.27 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.31 min

Lab File: BF089520.D

Acq: 1 Aug 2016 19:56

Instrument :

BNA_F

ClientSampleId :

MW-05

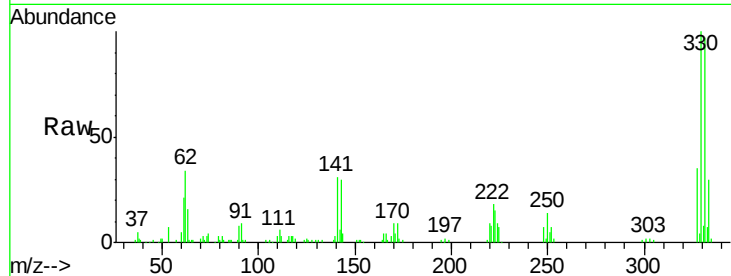
Tgt Ion:248 Resp: 6720

Ion Ratio Lower Upper

248 100

250 190.6 78.2 117.2#

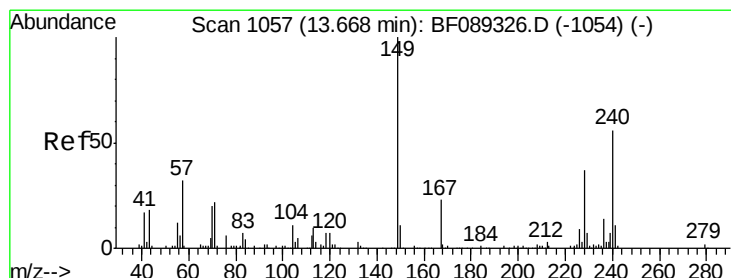
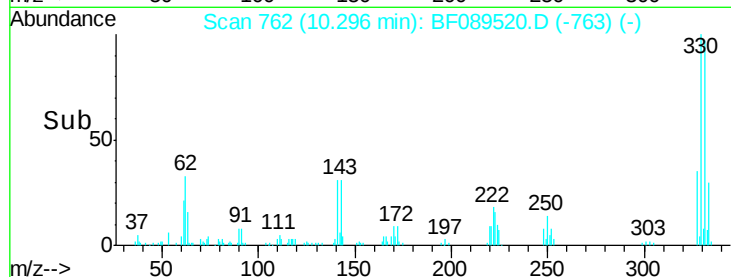
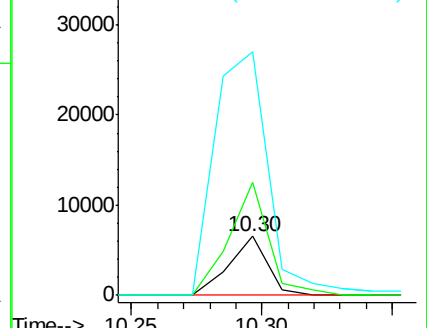
141 411.7 62.0 93.0#



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: 13.60 min Scan# 1051

Delta R.T. -0.07 min

Lab File: BF089520.D

Acq: 1 Aug 2016 19:56

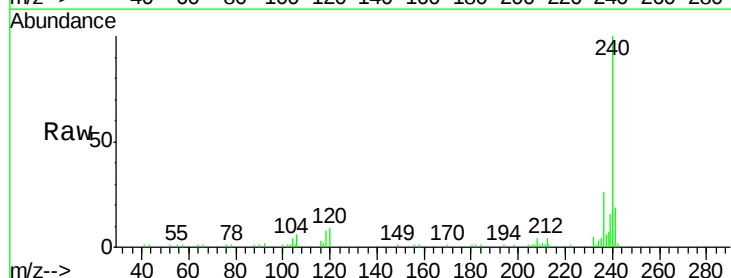
Tgt Ion:240 Resp: 78193

Ion Ratio Lower Upper

240 100

120 9.3 9.1 13.7

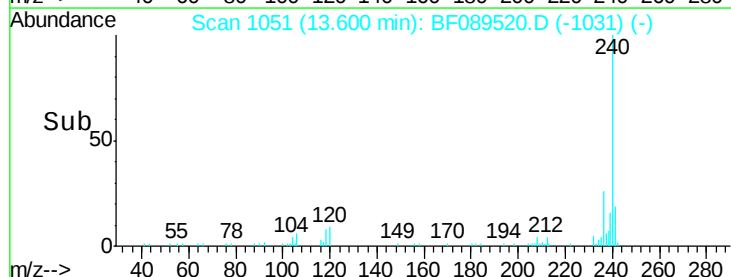
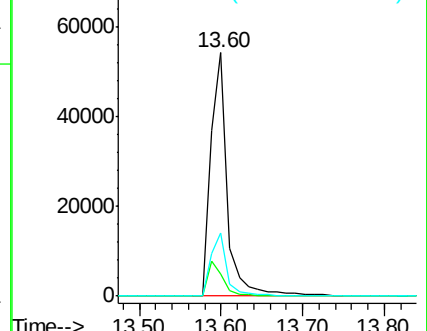
236 25.7 20.6 30.8

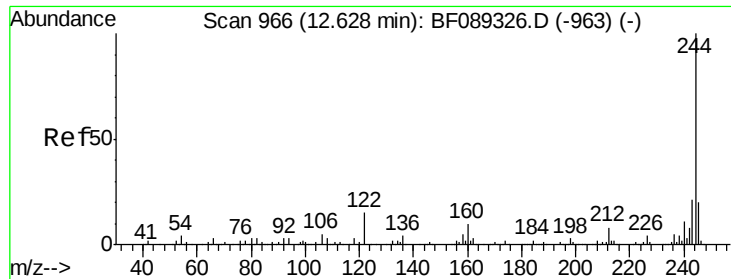


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

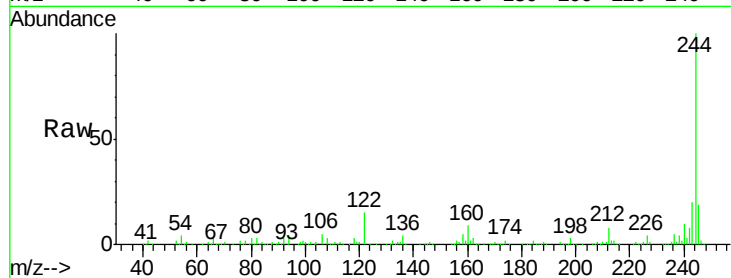




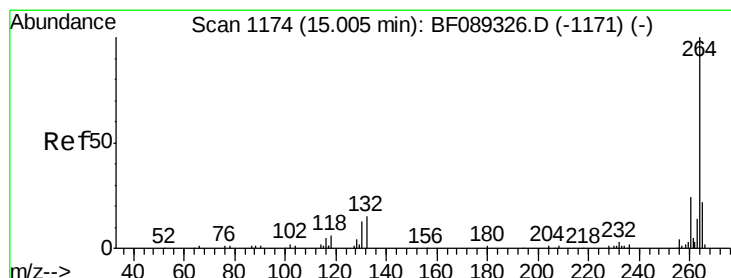
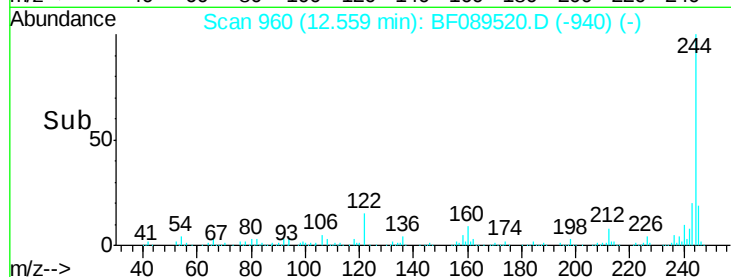
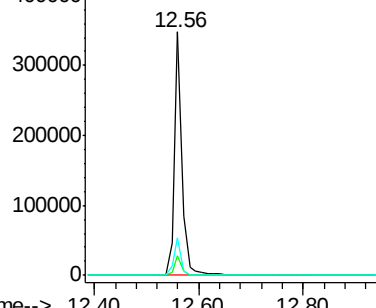
#78
 Terphenyl-d14
 Concen: 106.15 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.07 min
 Lab File: BF089520.D
 Acq: 1 Aug 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tgt Ion:244 Resp: 354640
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 15.2 11.4 17.0

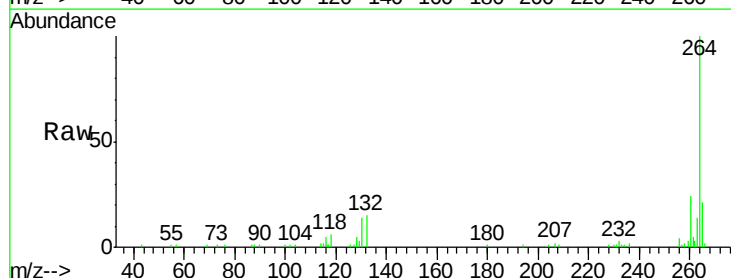


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF089520.D
 Acq: 1 Aug 2016 19:56

Tgt Ion:264 Resp: 68985
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.1 17.5 26.3



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

