

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089519.D
 Acq On : 1 Aug 2016 19:26
 Operator : UM/SJ
 Sample : H4251-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Aug 02 01:47:48 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

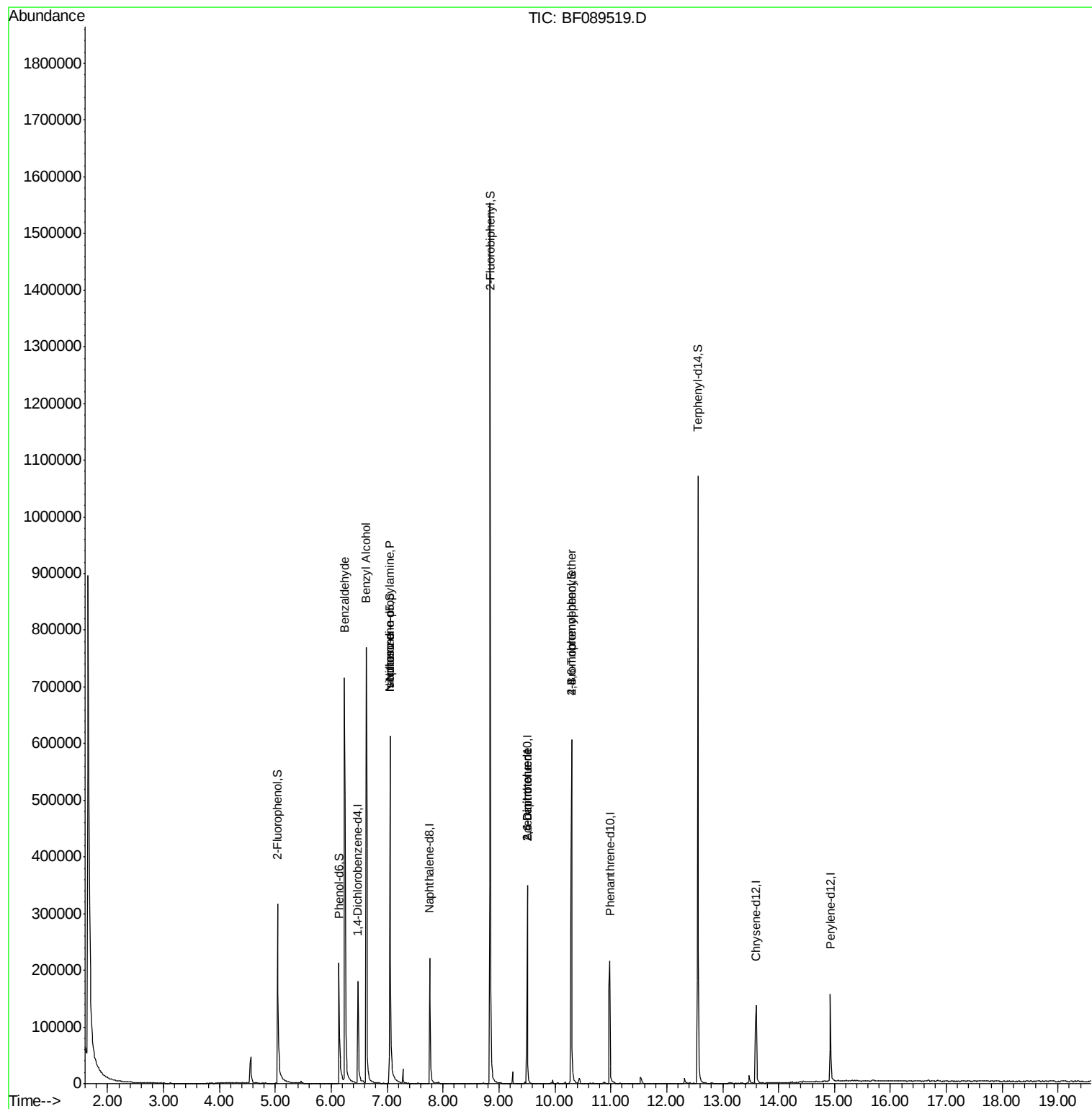
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	37602	20.00	ng	-0.07
21) Naphthalene-d8	7.76	136	157288	20.00	ng	-0.07
38) Acenaphthene-d10	9.51	164	72887	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	128821	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	72582	20.00	ng	-0.07
86) Perylene-d12	14.93	264	69957	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	145896	61.95	ng	-0.07
7) Phenol-d6	6.14	99	120175	38.61	ng	-0.07
23) Nitrobenzene-d5	7.05	82	272097	102.11	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	87274	144.57	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	499032	100.48	ng	-0.07
78) Terphenyl-d14	12.56	244	343064	110.62	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.24	77	6284	4.14	ng	# 73
15) Benzyl Alcohol	6.63	79	4141	2.14	ng	# 52
19) n-Nitroso-di-n-propylamine	7.05	70	35385	18.86	ng	# 83
25) Isophorone	7.05	82	246362	45.90	ng	# 67
50) 2,6-Dinitrotoluene	9.51	165	9241	8.11	ng	# 24
56) 2,4-Dinitrotoluene	9.51	165	9241	6.16	ng	# 7
66) 4-Bromophenyl-phenylether	10.30	248	6566	5.34	ng	# 1

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

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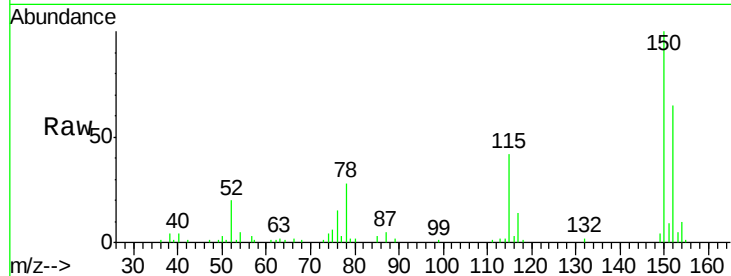


#1

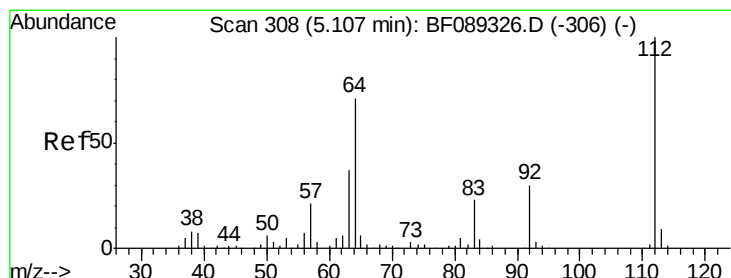
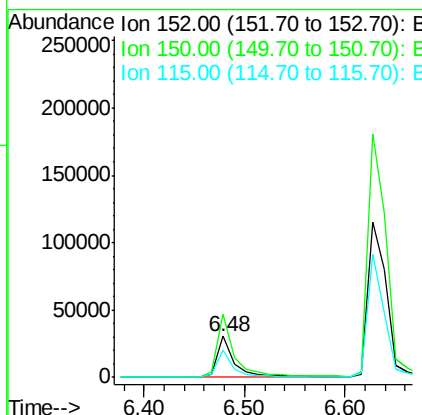
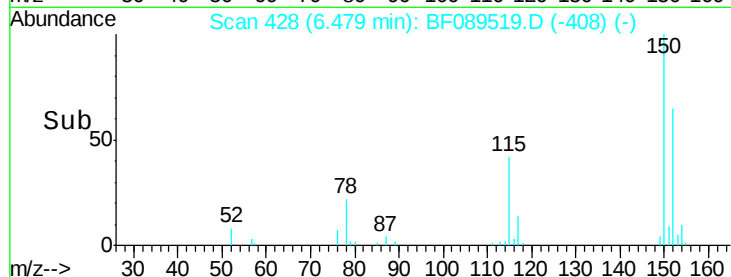
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:152 Resp: 37602
Ion Ratio Lower Upper
152 100
150 153.6 129.5 194.3
115 65.1 51.4 77.2



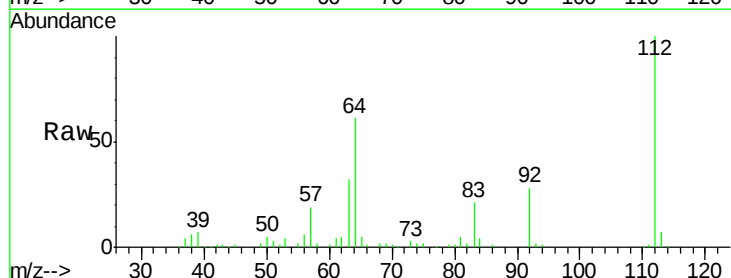
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



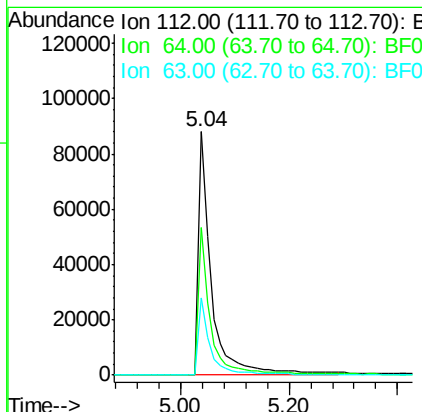
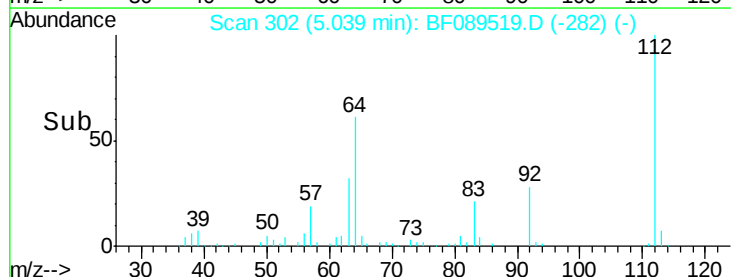
#5

2-Fluorophenol
Concen: 61.95 ng
RT: 5.04 min Scan# 302
Delta R.T. -0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Tgt Ion:112 Resp: 145896
Ion Ratio Lower Upper
112 100
64 60.5 55.0 82.6
63 31.7 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: 38.61 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089519.D

Acq: 1 Aug 2016 19:26

Instrument :

BNA_F

ClientSampleId :

MW-04

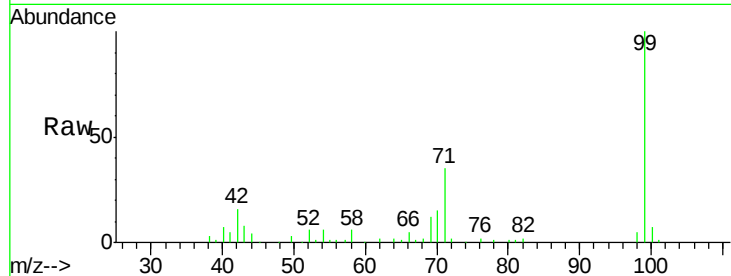
Tgt Ion: 99 Resp: 120175

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

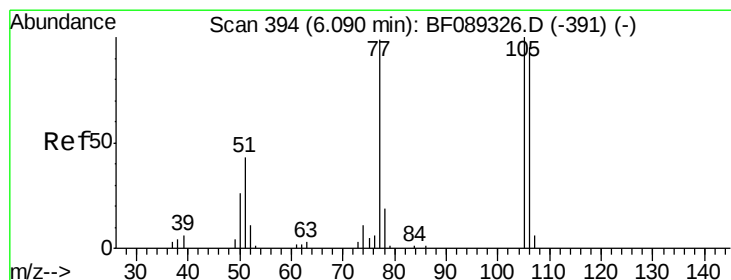
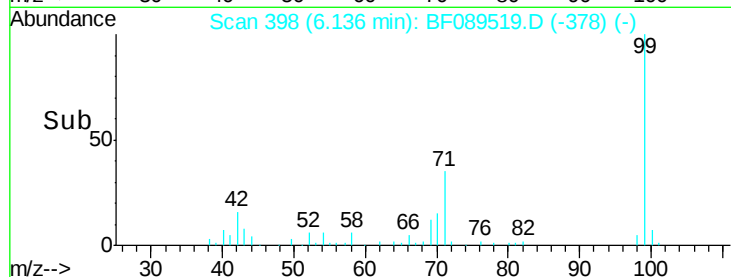
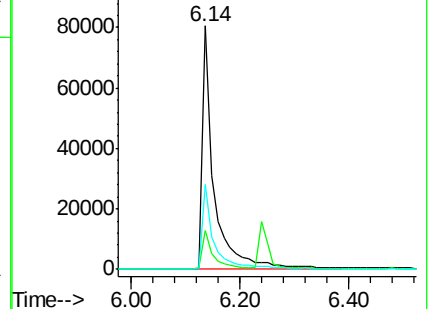
71 35.0 29.4 44.2



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: 4.14 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.15 min

Lab File: BF089519.D

Acq: 1 Aug 2016 19:26

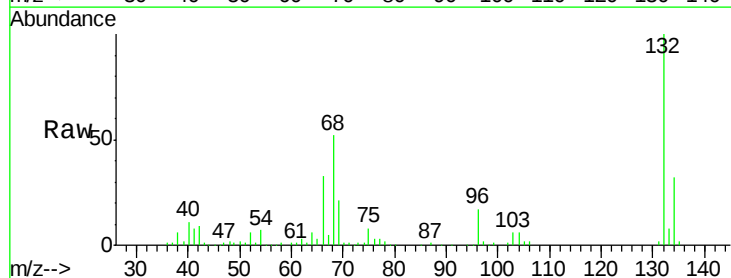
Tgt Ion: 77 Resp: 6284

Ion Ratio Lower Upper

77 100

105 78.3 82.9 122.9#

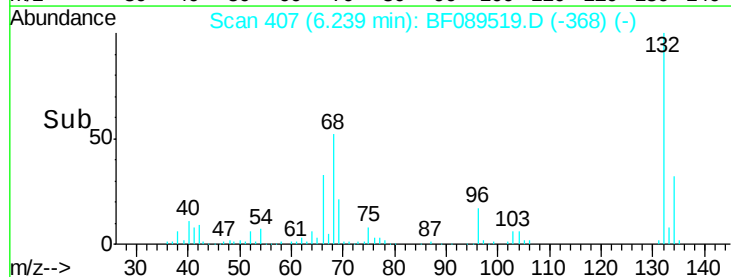
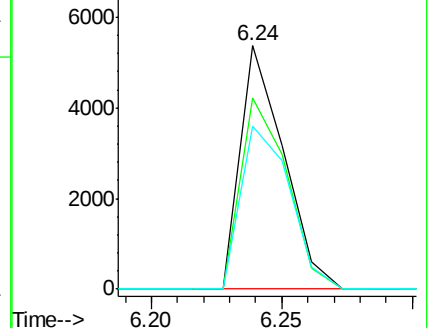
106 66.7 75.9 115.9#

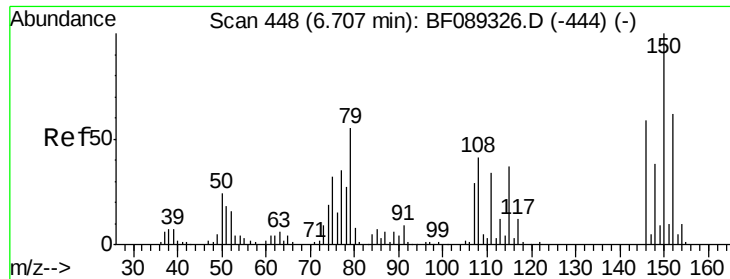


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

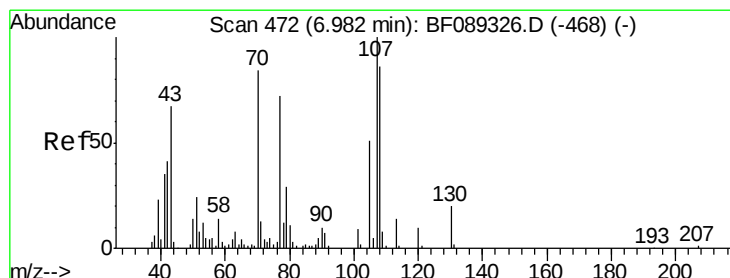
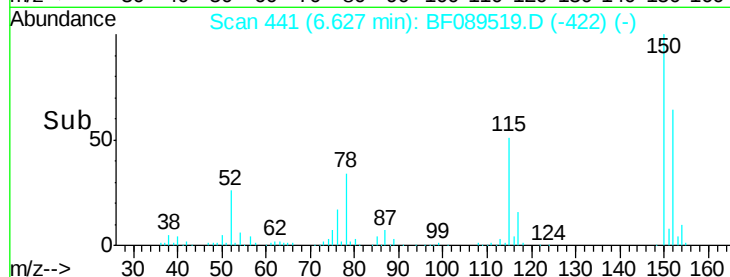
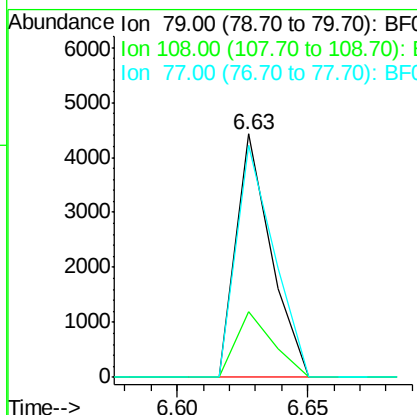
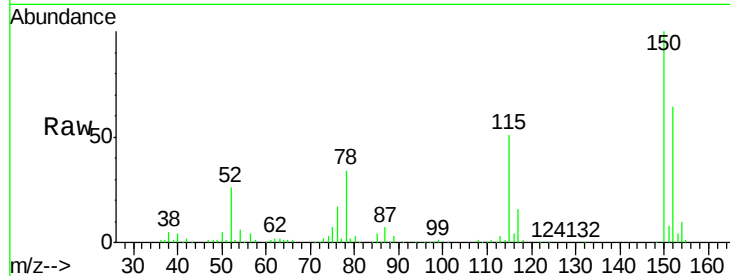




#15
Benzyl Alcohol
Concen: 2.14 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.08 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

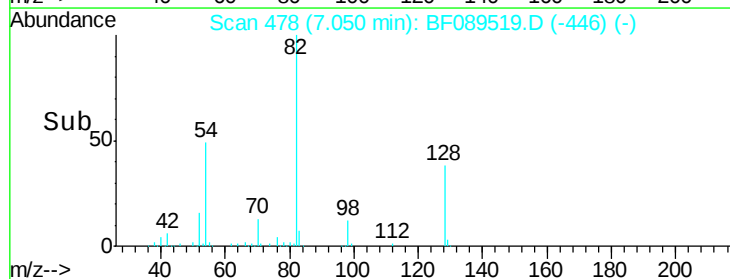
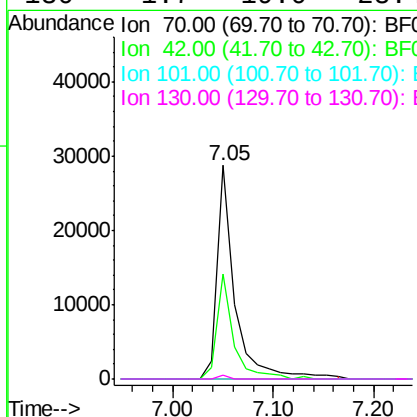
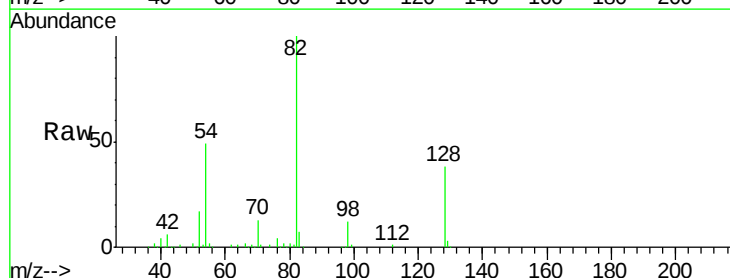
Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 79 Resp: 4141
Ion Ratio Lower Upper
79 100
108 27.0 59.8 89.6#
77 95.1 51.7 77.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.86 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Tgt Ion: 70 Resp: 35385
Ion Ratio Lower Upper
70 100
42 49.0 38.6 57.8
101 0.0 8.3 12.5#
130 1.7 19.0 28.4#

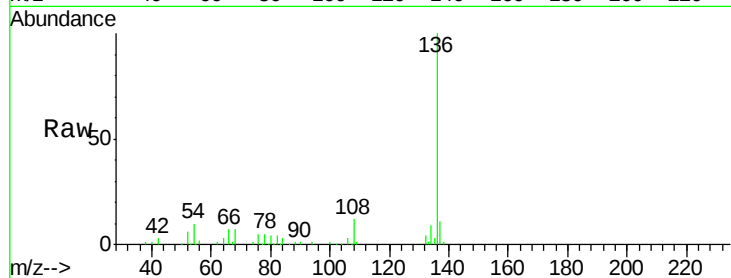




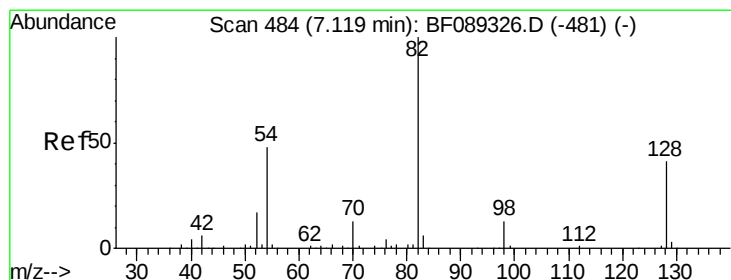
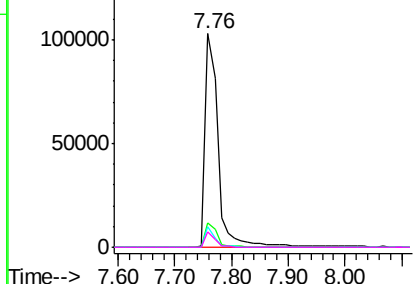
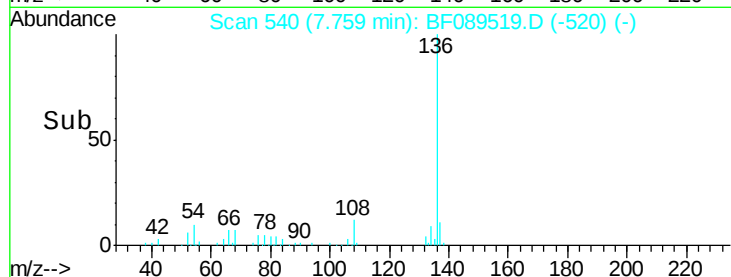
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:	136	Resp:	157288
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.8	7.0	10.4
68	7.0	4.9	7.3

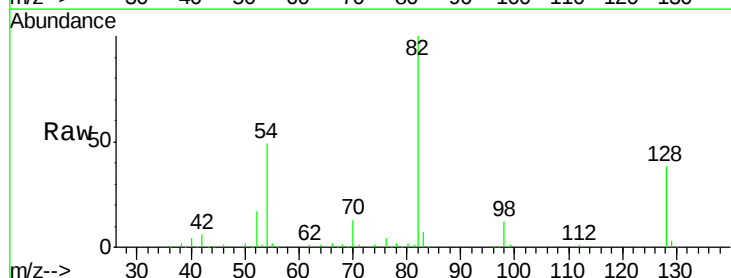


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

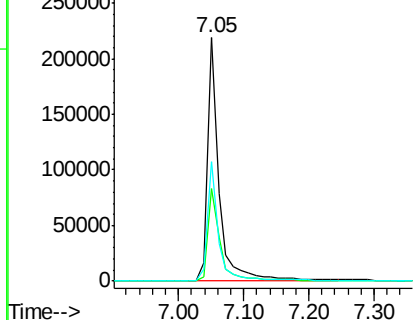
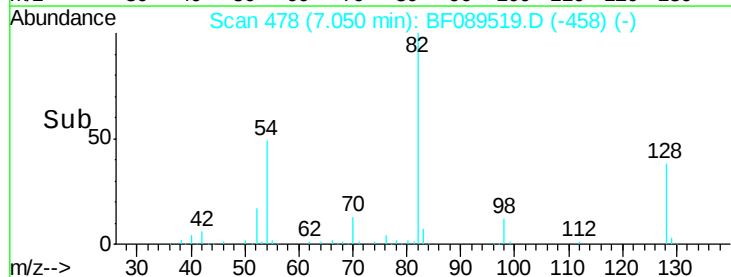


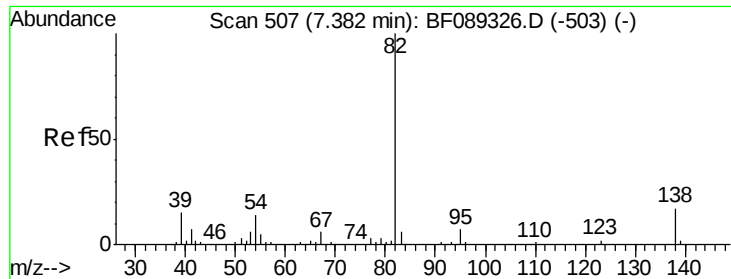
#23
Nitrobenzene-d5
Concen: 102.11 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Tgt Ion:	82	Resp:	272097
Ion	Ratio	Lower	Upper
82	100		
128	38.3	32.5	48.7
54	49.3	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: 45.90 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.33 min

Lab File: BF089519.D

Acq: 1 Aug 2016 19:26

Instrument :

BNA_F

ClientSampleId :

MW-04

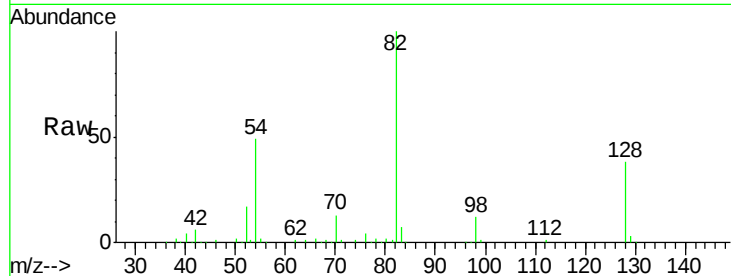
Tgt Ion: 82 Resp: 246362

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

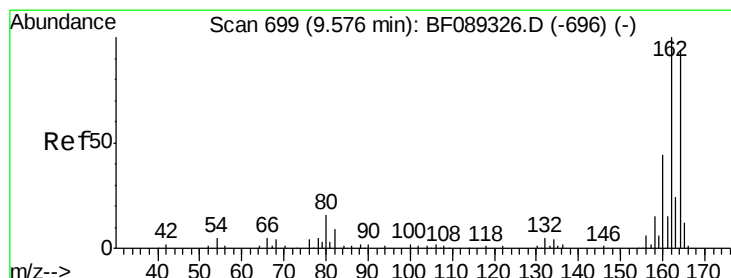
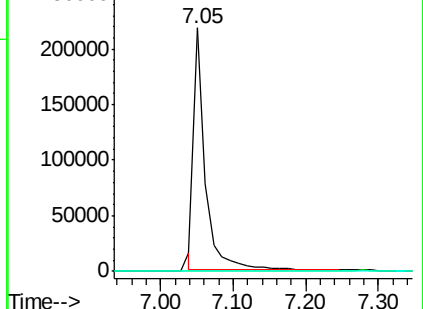
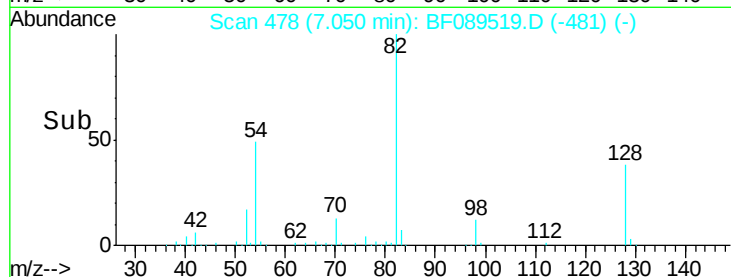
138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF089519.D (-478) (-)

Ion 95.00 (94.70 to 95.70): BF089519.D (-478) (-)

Ion 138.00 (137.70 to 138.70): BF089519.D (-478) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.07 min

Lab File: BF089519.D

Acq: 1 Aug 2016 19:26

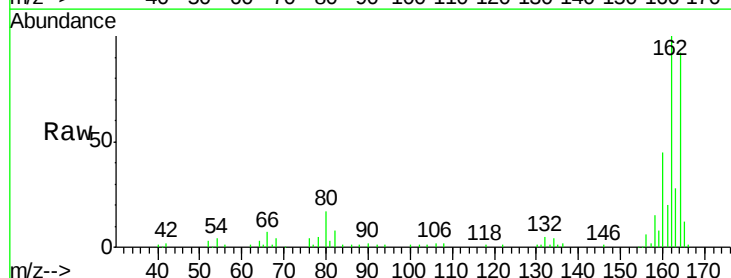
Tgt Ion: 164 Resp: 72887

Ion Ratio Lower Upper

164 100

162 108.2 83.7 125.5

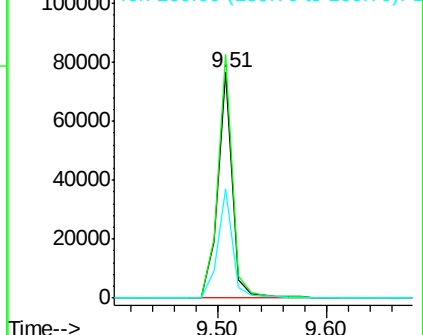
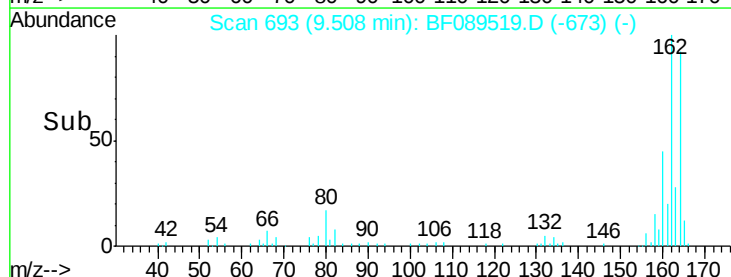
160 48.3 37.8 56.6

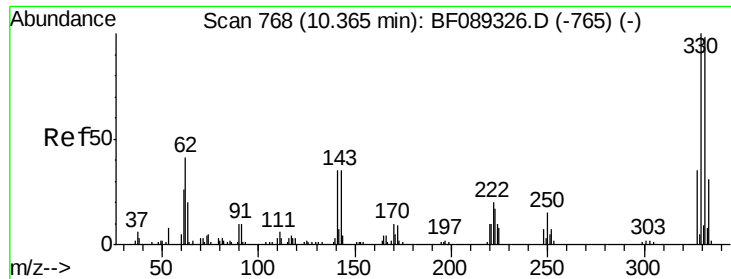


Abundance Ion 164.00 (163.70 to 164.70): BF089519.D (-693) (-)

Ion 162.00 (161.70 to 162.70): BF089519.D (-693) (-)

Ion 160.00 (159.70 to 160.70): BF089519.D (-693) (-)

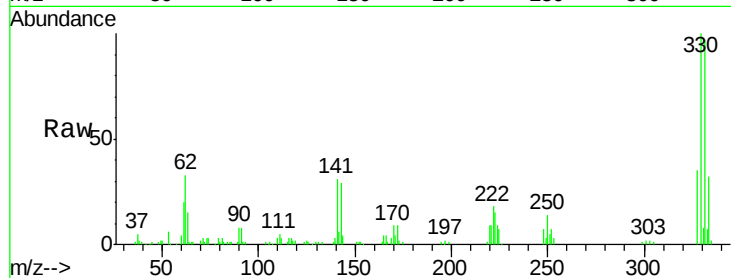




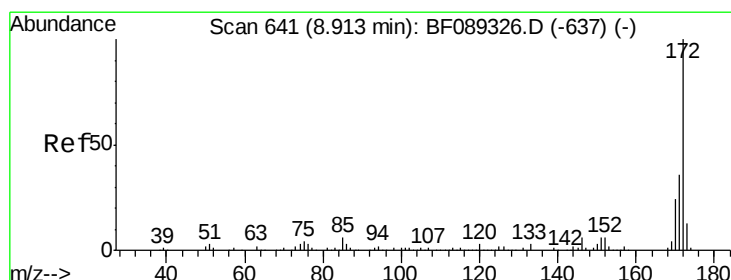
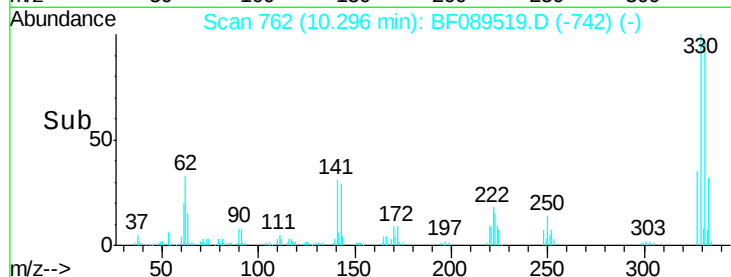
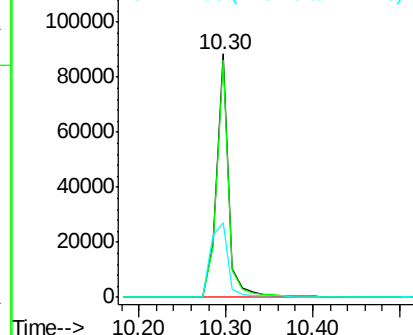
#41
 2,4,6-Tribromophenol
 Concen: 144.57 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.07 min
 Lab File: BF089519.D
 Acq: 1 Aug 2016 19:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tgt Ion:330 Resp: 87274
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.8 115.2
 141 44.0 37.3 55.9

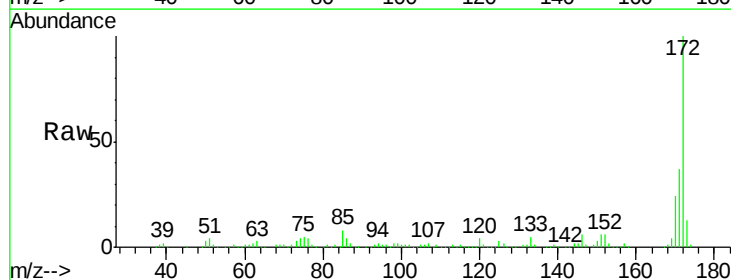


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

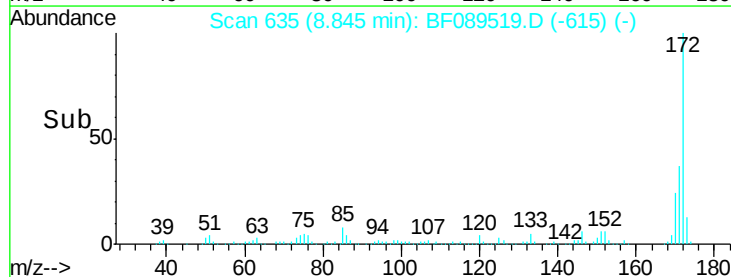
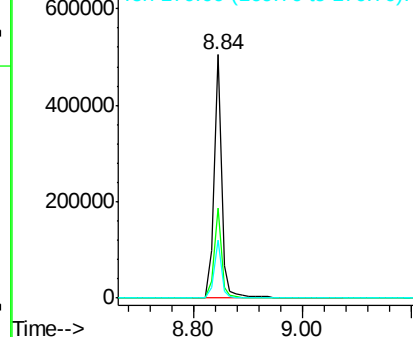


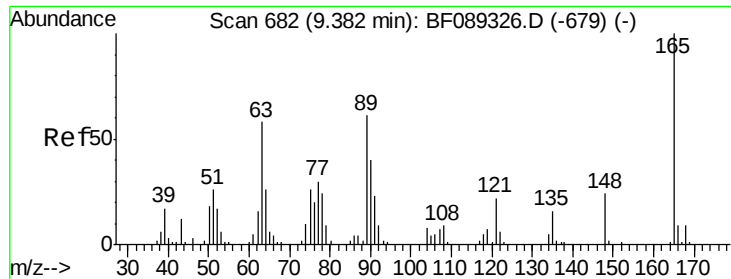
#44
 2-Fluorobiphenyl
 Concen: 100.48 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089519.D
 Acq: 1 Aug 2016 19:26

Tgt Ion:172 Resp: 499032
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.2 43.8
 170 23.9 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

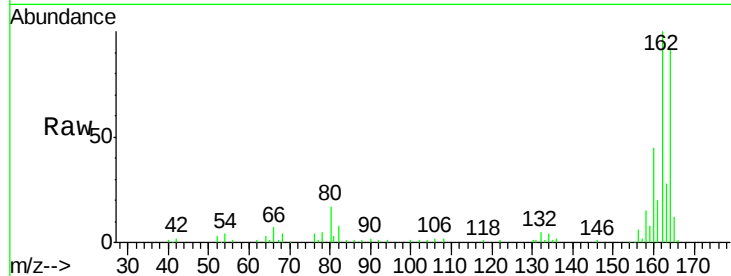




#50
 2,6-Dinitrotoluene
 Concen: 8.11 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.13 min
 Lab File: BF089519.D
 Acq: 1 Aug 2016 19:26

Instrument :
 BNA_F
 ClientSampled :
 MW-04

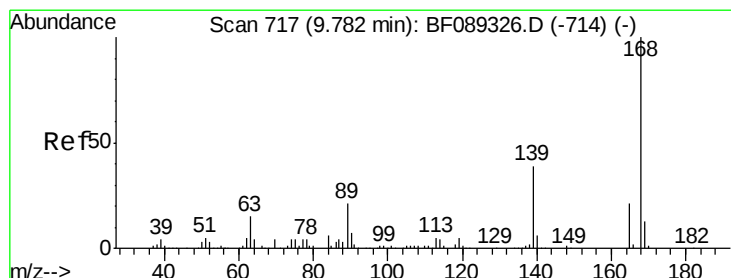
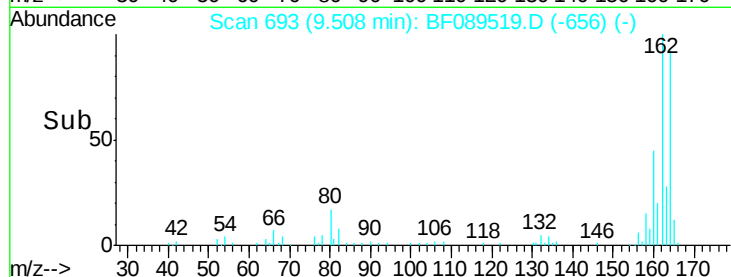
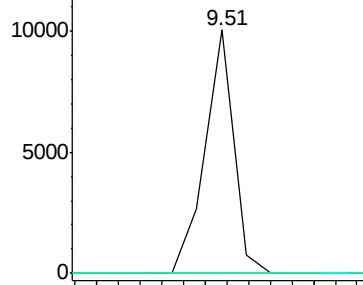
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#



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: 6.16 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.27 min
 Lab File: BF089519.D
 Acq: 1 Aug 2016 19:26

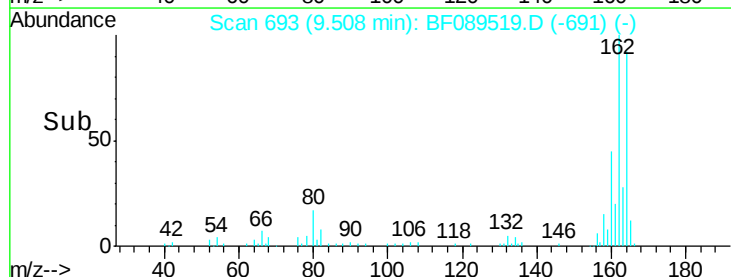
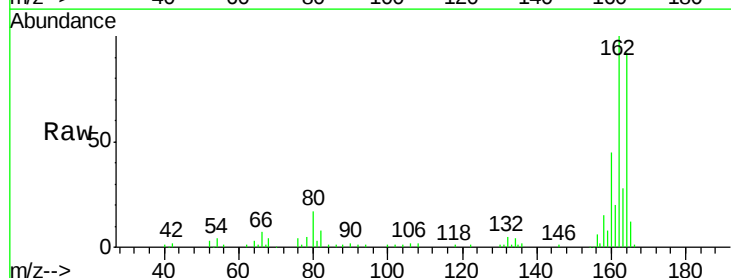
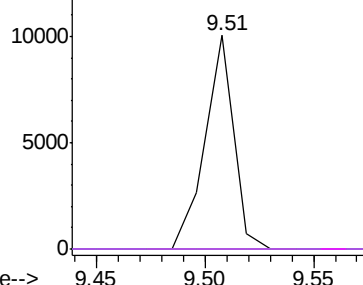
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#

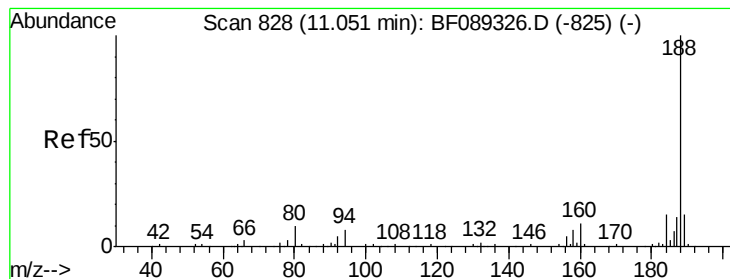
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF089519.D

Acq: 1 Aug 2016 19:26

Instrument :

BNA_F

ClientSampleId :

MW-04

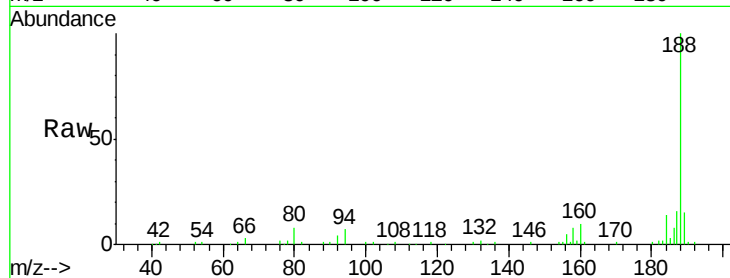
Tgt Ion:188 Resp: 128821

Ion Ratio Lower Upper

188 100

94 7.5 6.5 9.7

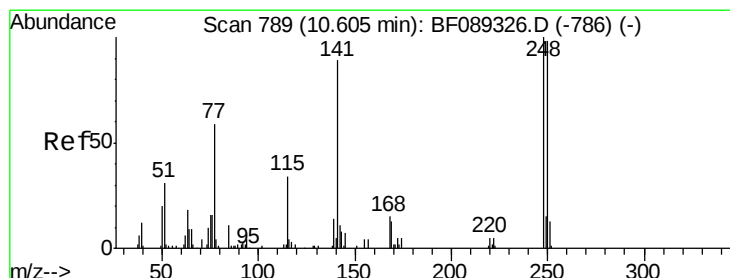
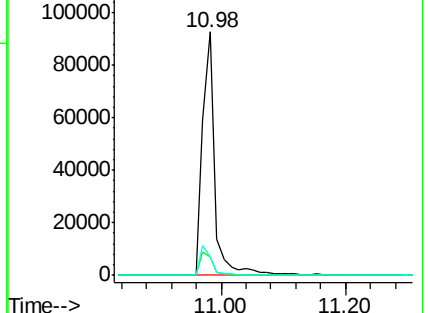
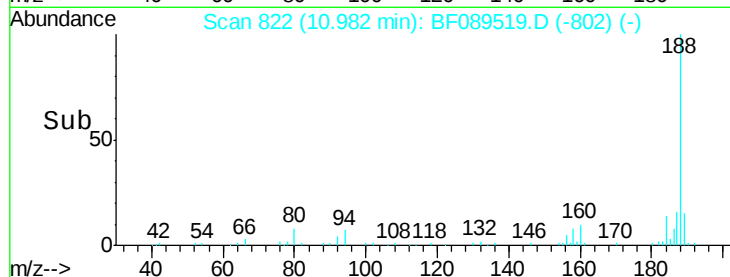
80 7.6 7.2 10.8



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: 5.34 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.31 min

Lab File: BF089519.D

Acq: 1 Aug 2016 19:26

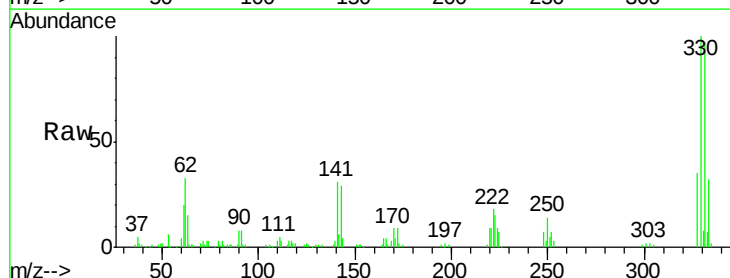
Tgt Ion:248 Resp: 6566

Ion Ratio Lower Upper

248 100

250 193.2 78.2 117.2#

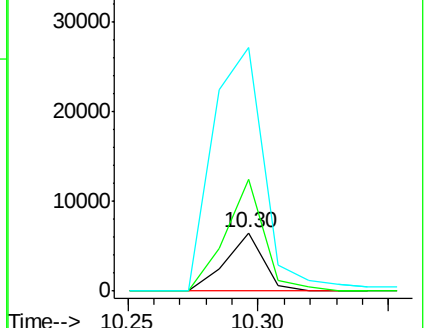
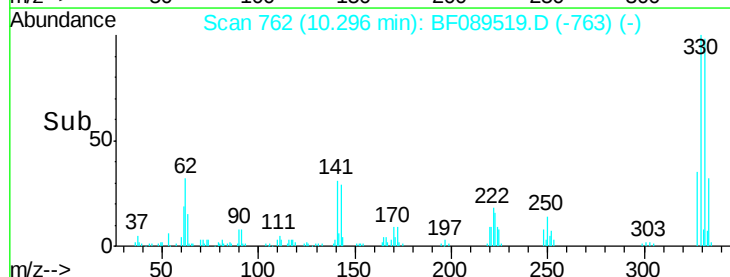
141 418.9 62.0 93.0#

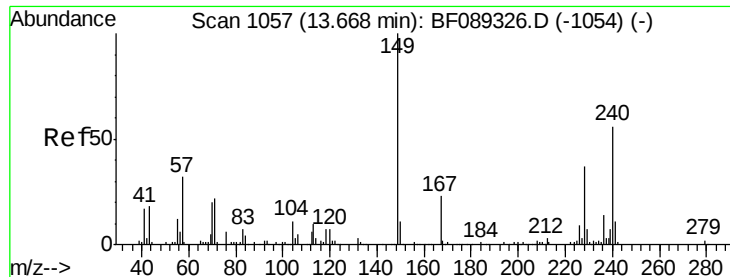


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF089519.D

Acq: 1 Aug 2016 19:26

Instrument :

BNA_F

ClientSampleId :

MW-04

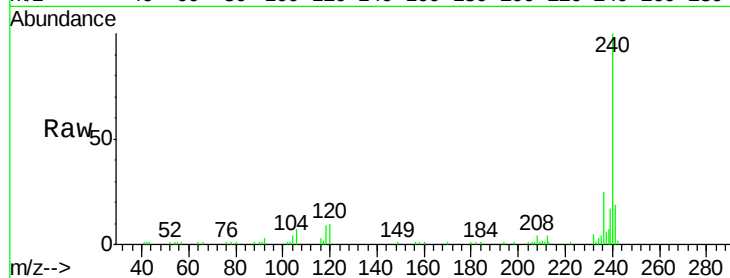
Tgt Ion:240 Resp: 72582

Ion Ratio Lower Upper

240 100

120 9.6 9.1 13.7

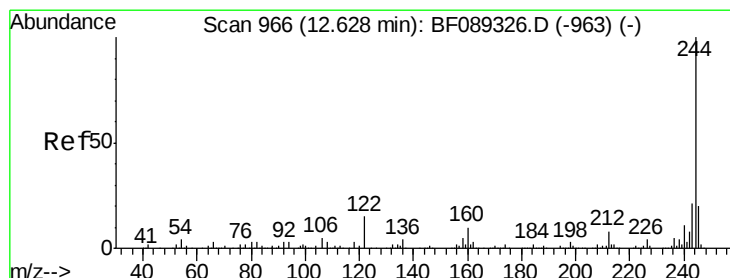
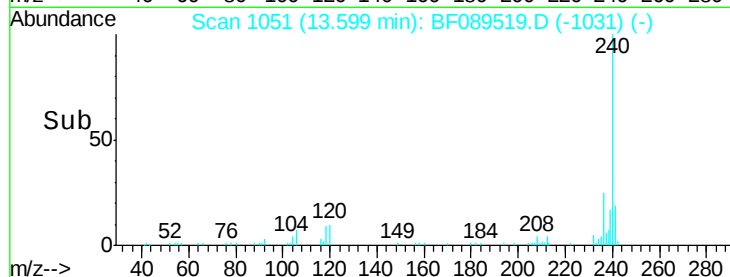
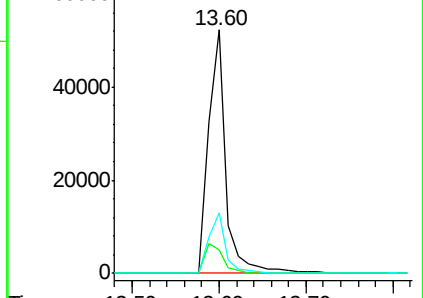
236 24.9 20.6 30.8



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: 110.62 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.07 min

Lab File: BF089519.D

Acq: 1 Aug 2016 19:26

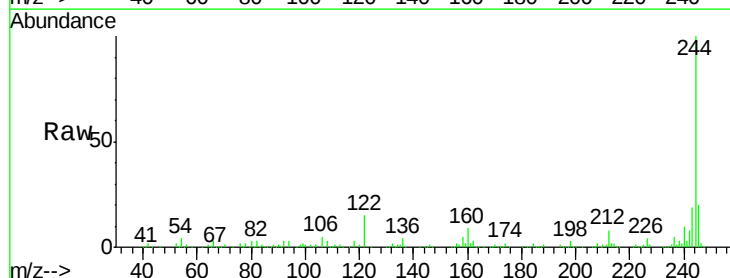
Tgt Ion:244 Resp: 343064

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

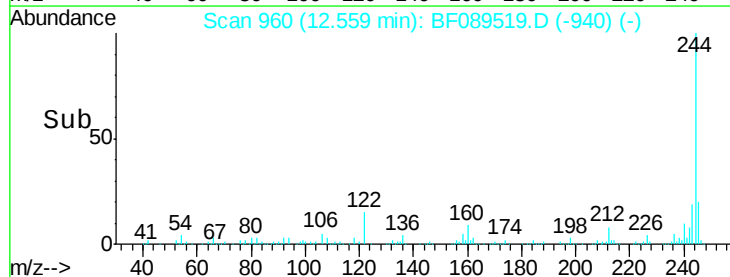
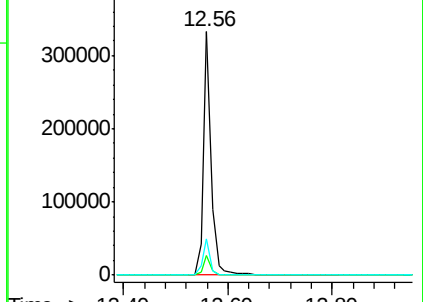
122 14.9 11.4 17.0

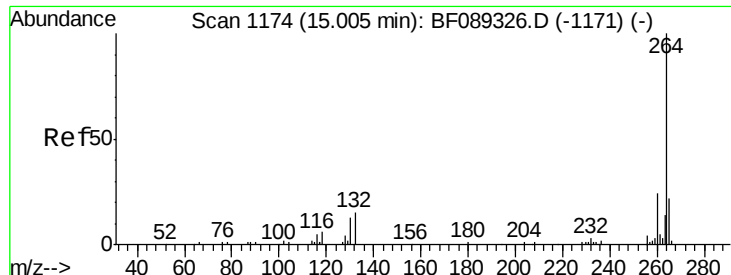


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

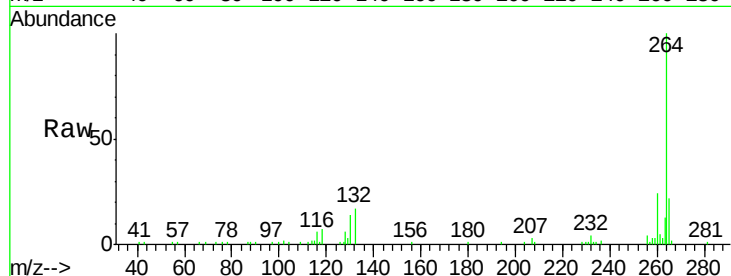




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF089519.D
Acq: 1 Aug 2016 19:26

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 264 Resp: 69957
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.5 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

