

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089522.D
 Acq On : 1 Aug 2016 20:56
 Operator : UM/SJ
 Sample : H4251-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: Aug 02 01:48:25 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

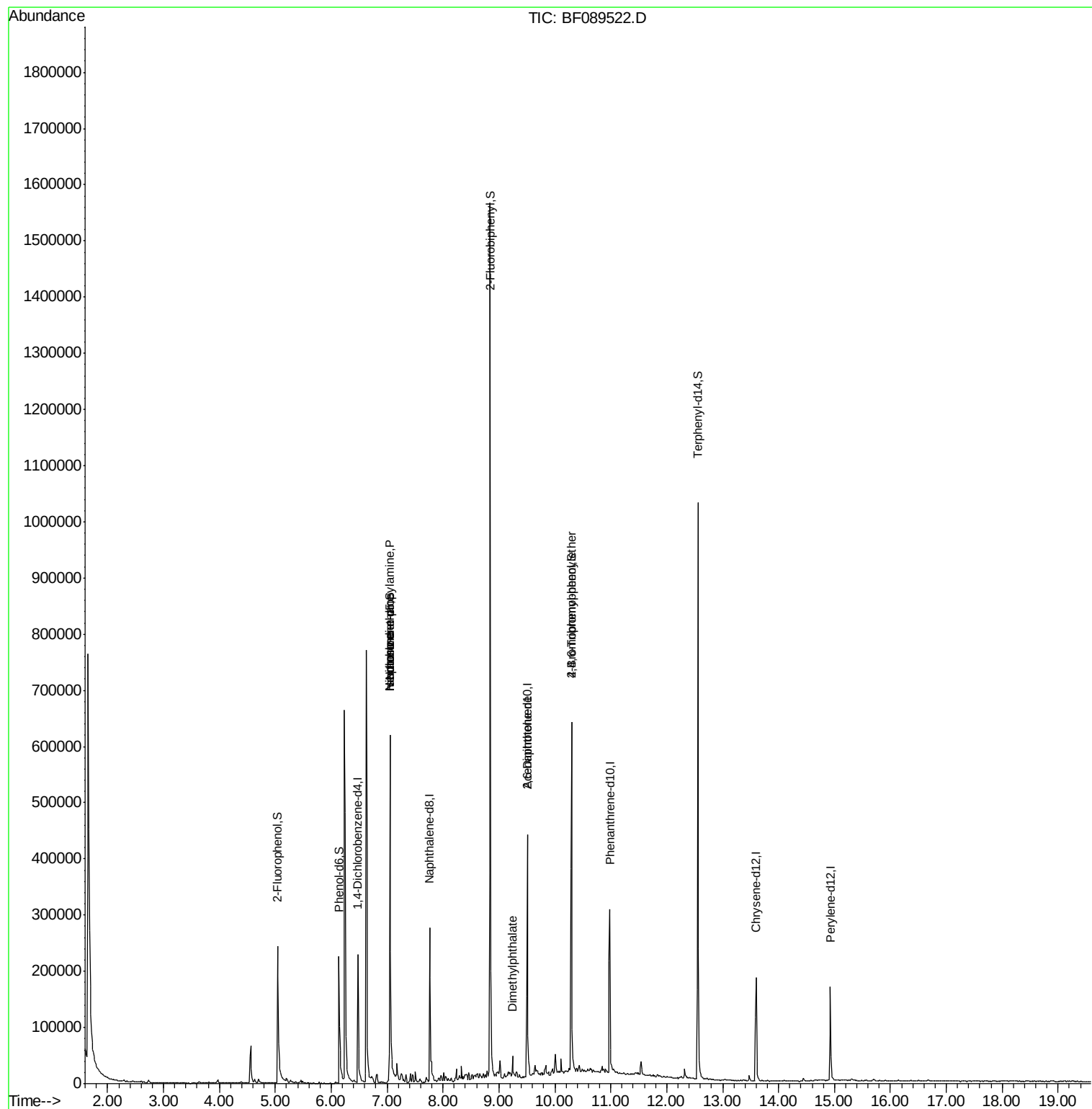
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	44498	20.00	ng	-0.07
21) Naphthalene-d8	7.76	136	183016	20.00	ng	-0.07
38) Acenaphthene-d10	9.51	164	86342	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	155896	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	86640	20.00	ng	-0.07
86) Perylene-d12	14.93	264	78896	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	137573	49.37	ng	-0.07
7) Phenol-d6	6.14	99	125669	34.12	ng	-0.07
23) Nitrobenzene-d5	7.05	82	274426	88.51	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	82492	115.36	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	506805	86.14	ng	-0.07
78) Terphenyl-d14	12.56	244	318636	86.08	ng	-0.07
Target Compounds						
18) Hexachloroethane	7.05	117	4250	3.05	ng	# 6
19) n-Nitroso-di-n-propylamine	7.05	70	36779	16.56	ng	# 81
25) Isophorone	7.05	82	255485	40.90	ng	# 67
49) Dimethylphthalate	9.24	163	15384	2.34	ng	98
50) 2,6-Dinitrotoluene	9.51	165	10751	7.96	ng	# 30
66) 4-Bromophenyl-phenylether	10.30	248	6534	4.39	ng	# 1

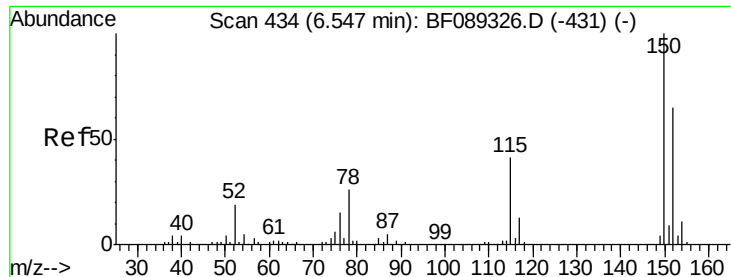
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089522.D

Acq: 1 Aug 2016 20:56

Instrument :

BNA_F

ClientSampleId :

MW-07

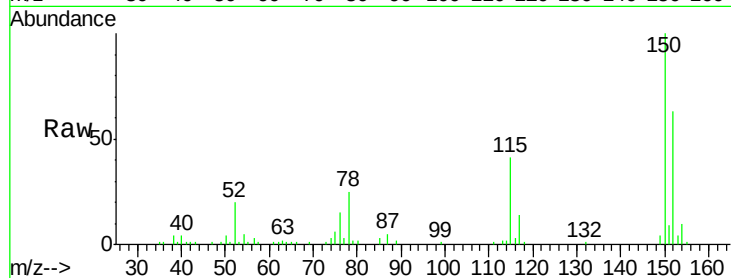
Tgt Ion:152 Resp: 44498

Ion Ratio Lower Upper

152 100

150 159.2 129.5 194.3

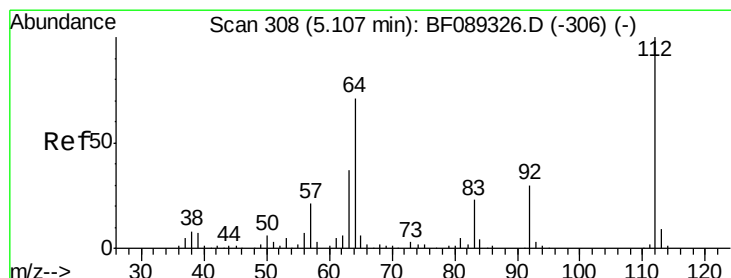
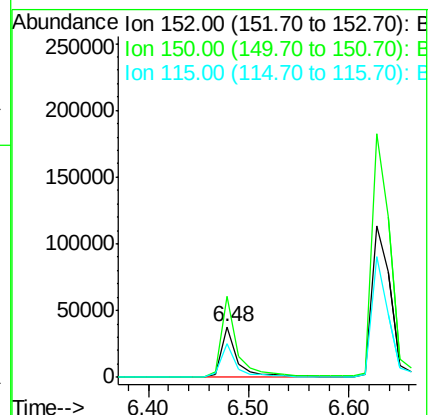
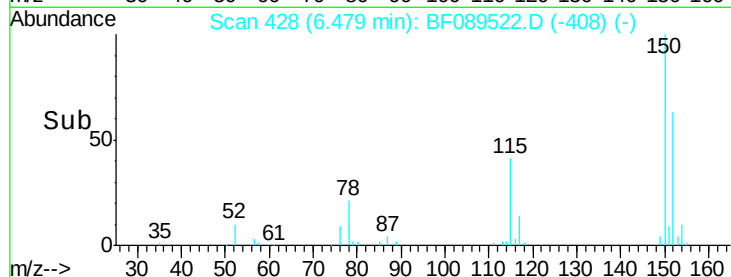
115 65.6 51.4 77.2



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: 49.37 ng

RT: 5.04 min Scan# 302

Delta R.T. -0.07 min

Lab File: BF089522.D

Acq: 1 Aug 2016 20:56

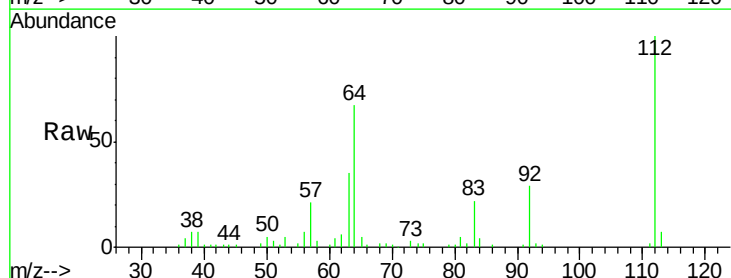
Tgt Ion:112 Resp: 137573

Ion Ratio Lower Upper

112 100

64 66.6 55.0 82.6

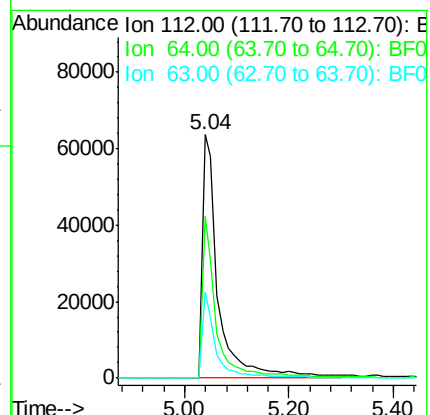
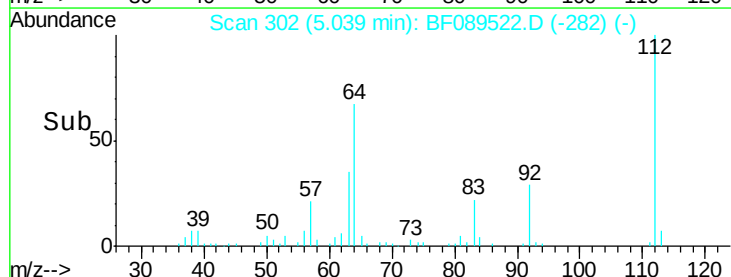
63 35.2 29.4 44.2

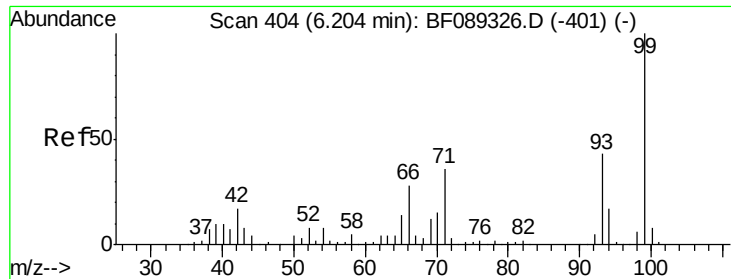


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.12 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089522.D

Acq: 1 Aug 2016 20:56

Instrument :

BNA_F

ClientSampleId :

MW-07

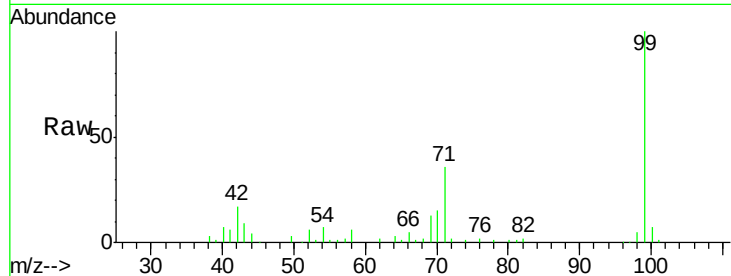
Tgt Ion: 99 Resp: 125669

Ion Ratio Lower Upper

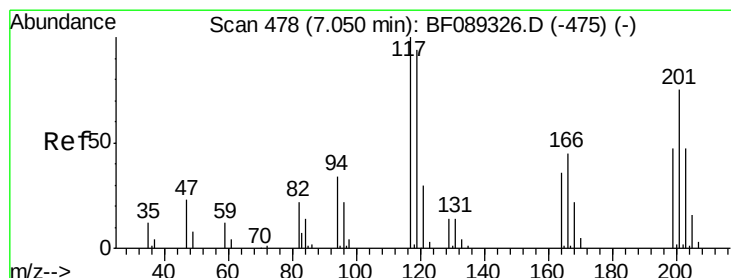
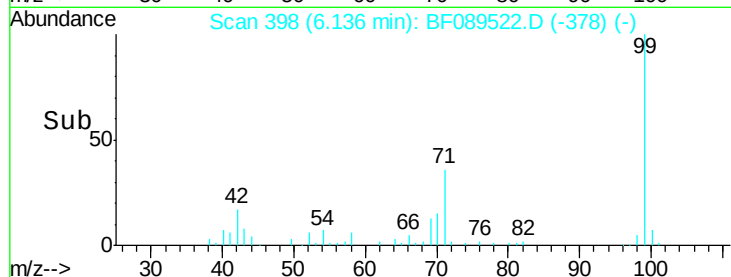
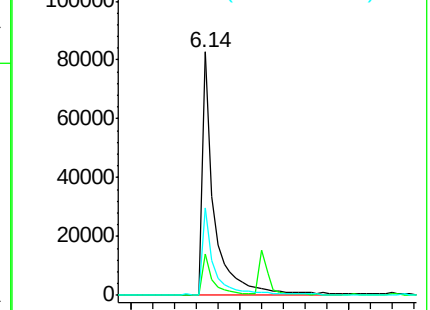
99 100

42 17.0 13.6 20.4

71 35.7 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



#18

Hexachloroethane

Concen: 3.05 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF089522.D

Acq: 1 Aug 2016 20:56

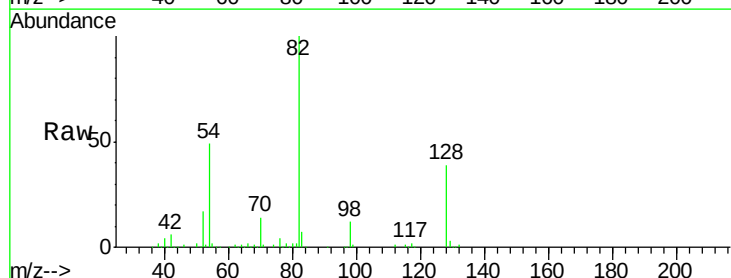
Tgt Ion: 117 Resp: 4250

Ion Ratio Lower Upper

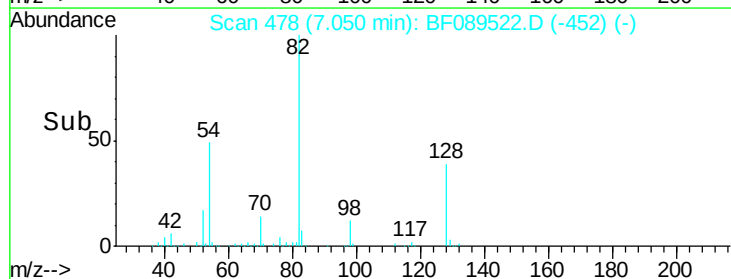
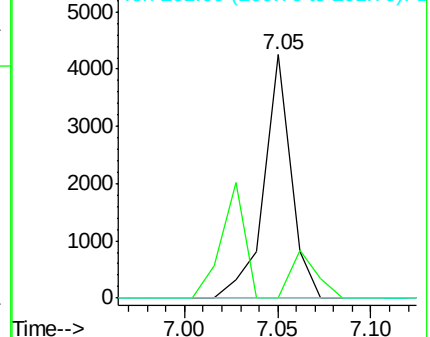
117 100

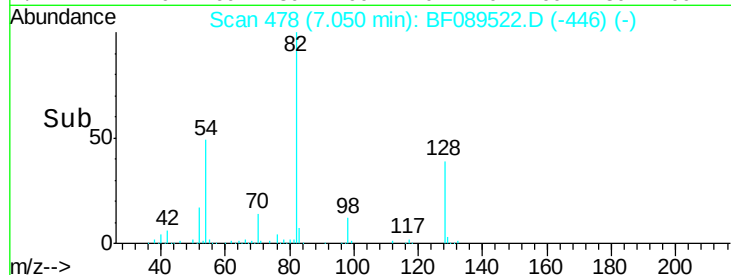
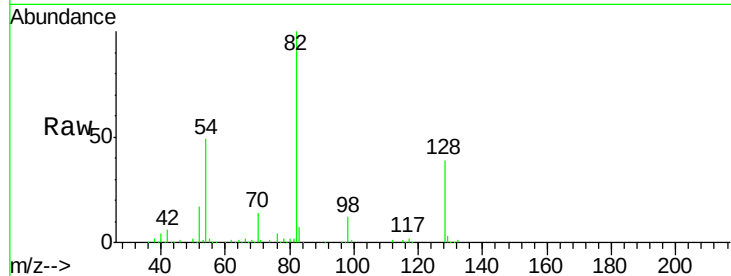
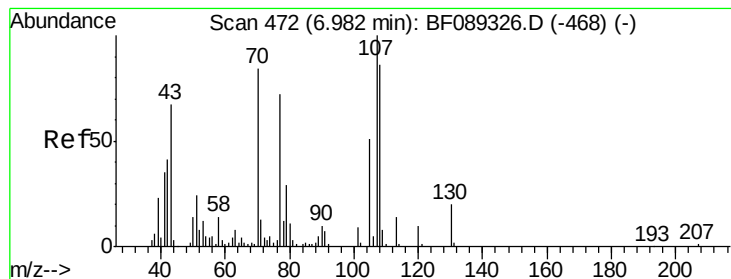
119 0.0 76.0 114.0#

201 0.0 60.0 90.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.56 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089522.D

Acq: 1 Aug 2016 20:56

Instrument :

BNA_F

ClientSampleId :

MW-07

Tgt Ion: 70 Resp: 36779

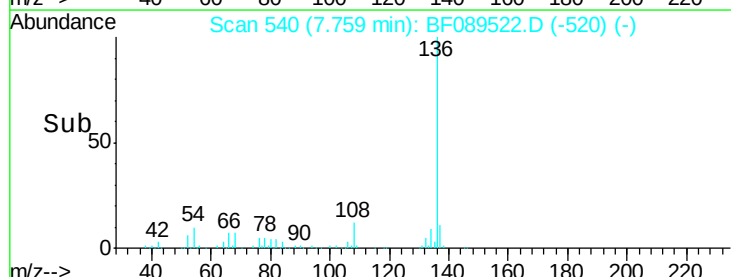
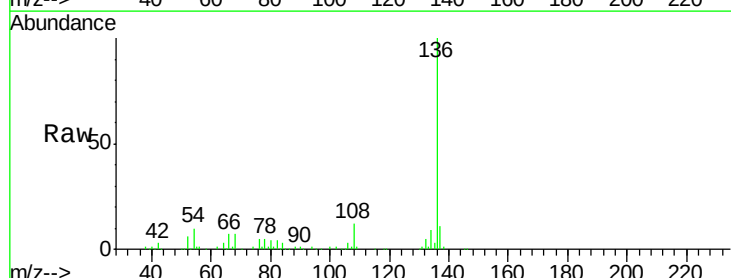
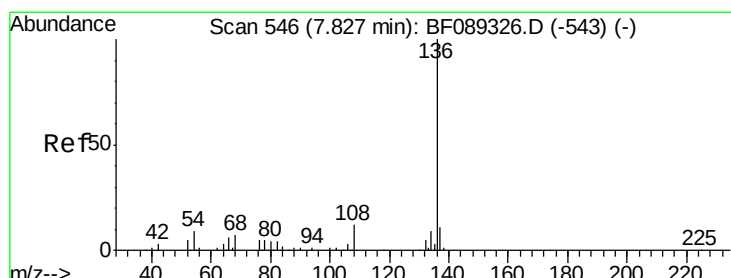
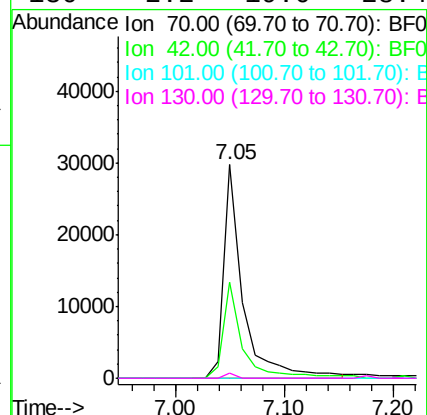
Ion Ratio Lower Upper

70 100

42 45.0 38.6 57.8

101 0.0 8.3 12.5#

130 2.2 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: BF089522.D

Acq: 1 Aug 2016 20:56

Tgt Ion: 136 Resp: 183016

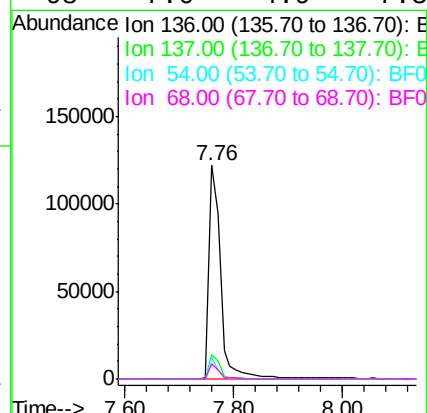
Ion Ratio Lower Upper

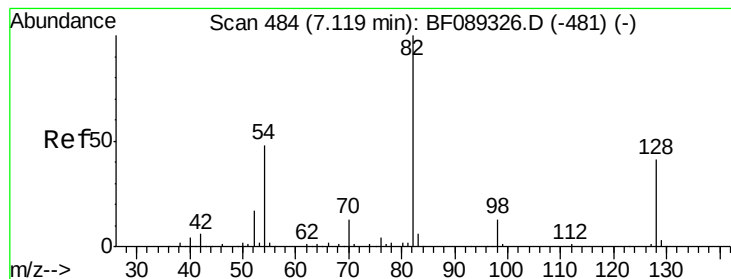
136 100

137 11.3 8.6 13.0

54 10.1 7.0 10.4

68 7.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 88.51 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.07 min

Lab File: BF089522.D

Acq: 1 Aug 2016 20:56

Instrument :

BNA_F

ClientSampleID :

MW-07

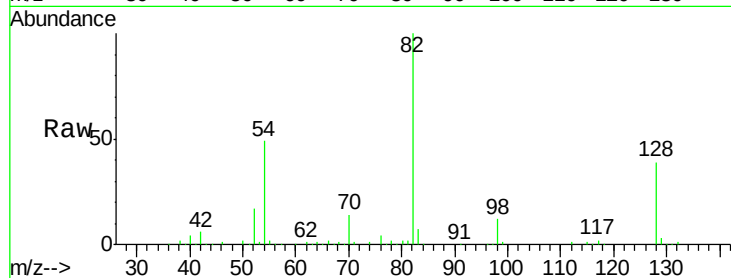
Tgt Ion: 82 Resp: 274426

Ion Ratio Lower Upper

82 100

128 38.8 32.5 48.7

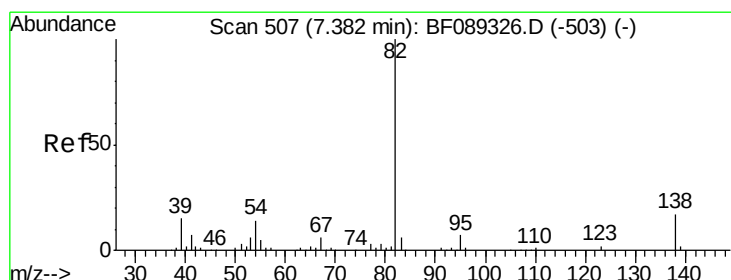
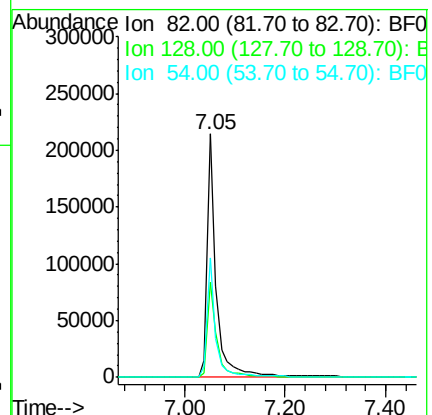
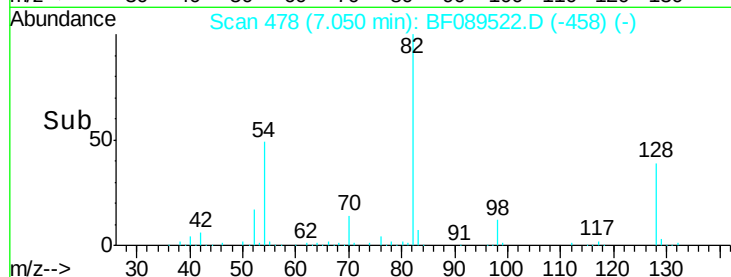
54 49.3 38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 40.90 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.33 min

Lab File: BF089522.D

Acq: 1 Aug 2016 20:56

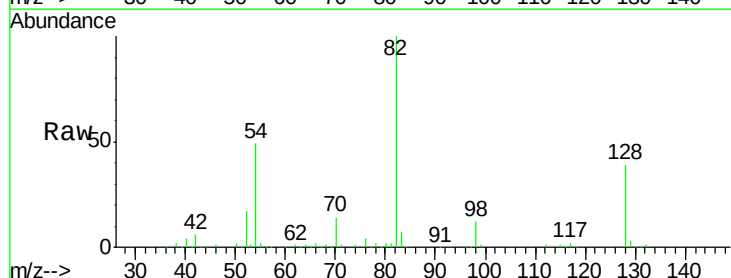
Tgt Ion: 82 Resp: 255485

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

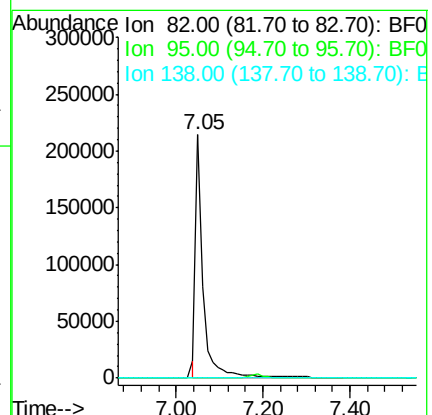
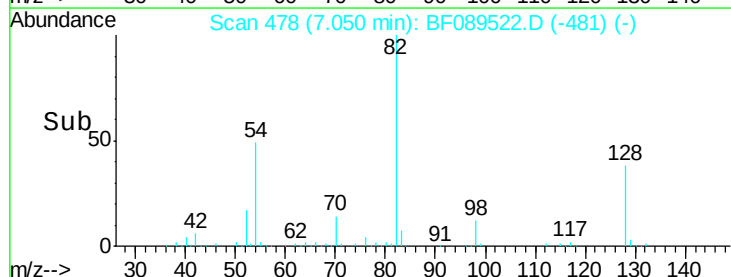
138 0.0 13.3 19.9#

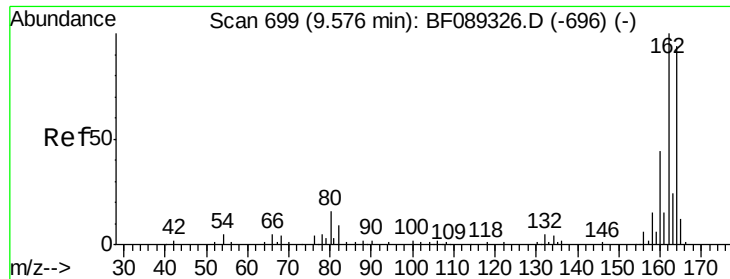


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.07 min

Lab File: BF089522.D

Acq: 1 Aug 2016 20:56

Instrument :

BNA_F

ClientSampleId :

MW-07

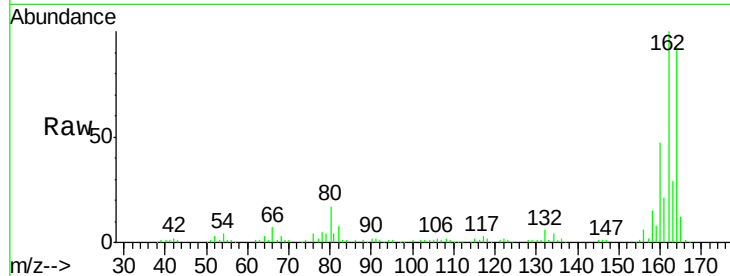
Tgt Ion:164 Resp: 86342

Ion Ratio Lower Upper

164 100

162 108.0 83.7 125.5

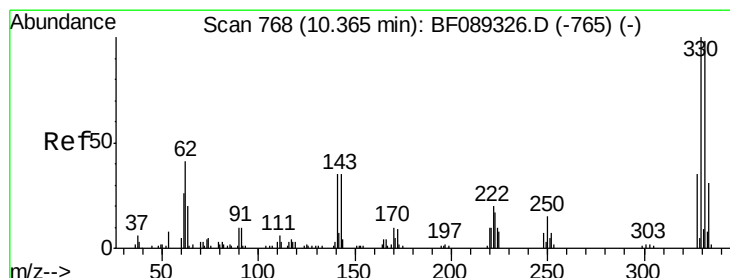
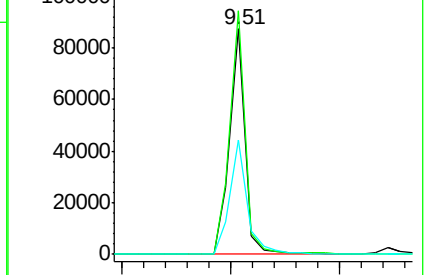
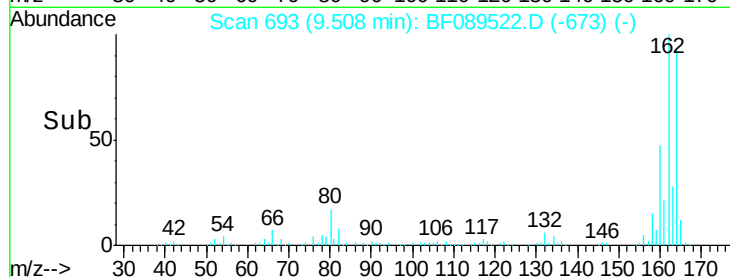
160 50.9 37.8 56.6



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: 115.36 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.07 min

Lab File: BF089522.D

Acq: 1 Aug 2016 20:56

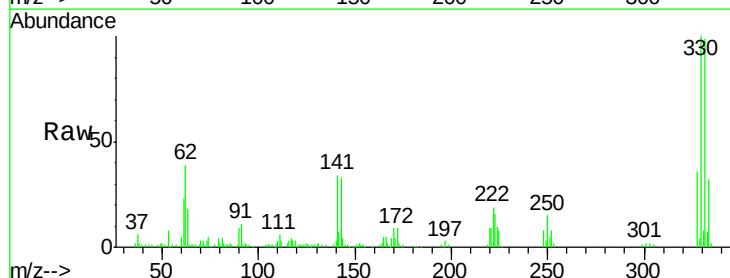
Tgt Ion:330 Resp: 82492

Ion Ratio Lower Upper

330 100

332 98.0 76.8 115.2

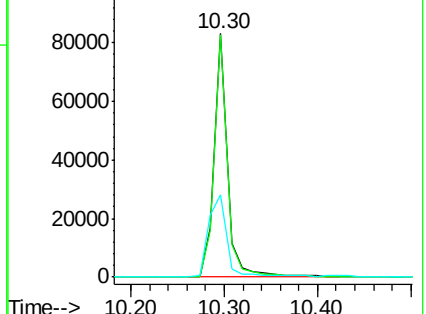
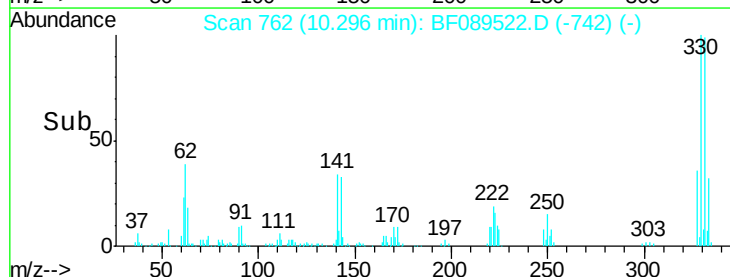
141 47.9 37.3 55.9

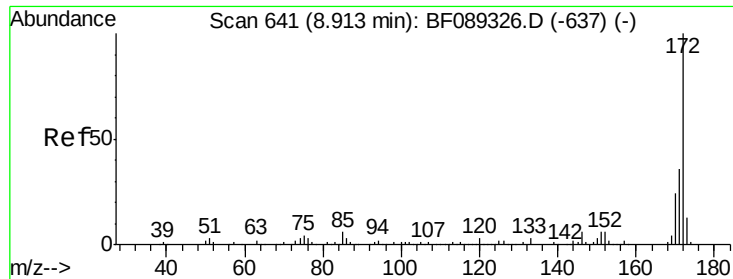


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

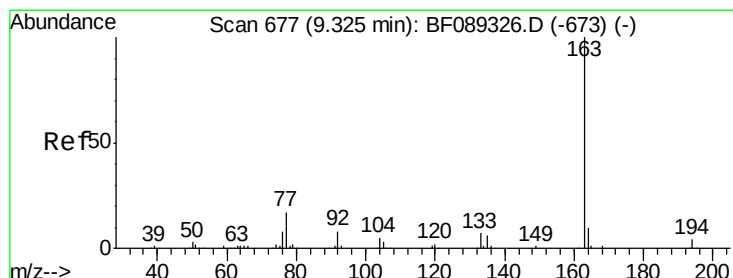
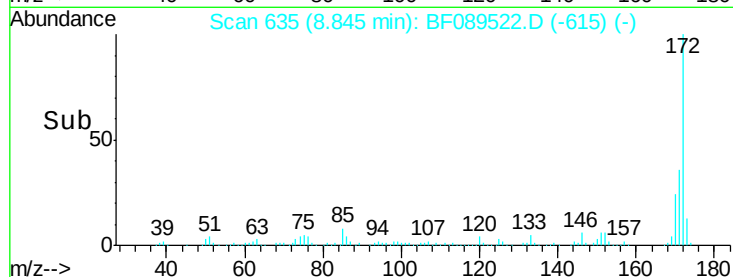
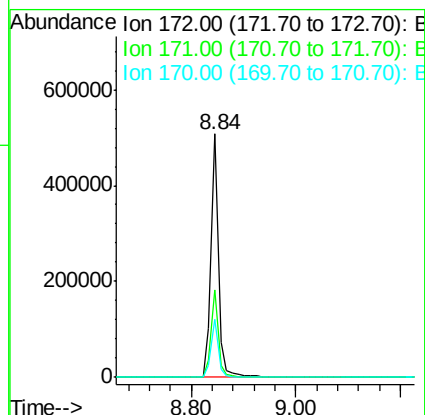
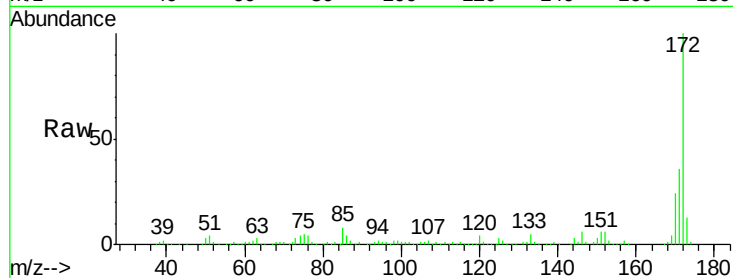




#44
 2-Fluorobiphenyl
 Concen: 86.14 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089522.D
 Acq: 1 Aug 2016 20:56

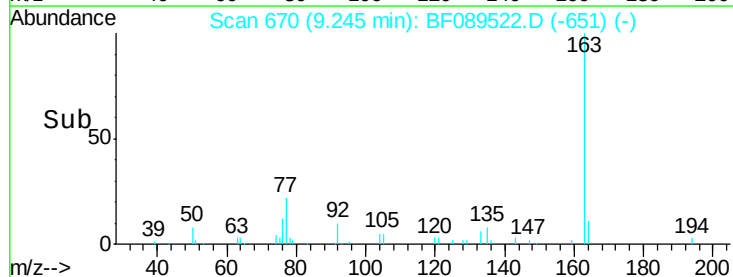
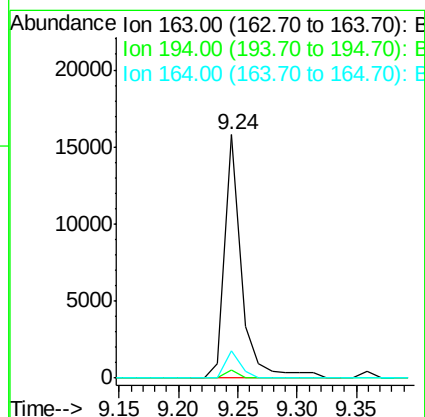
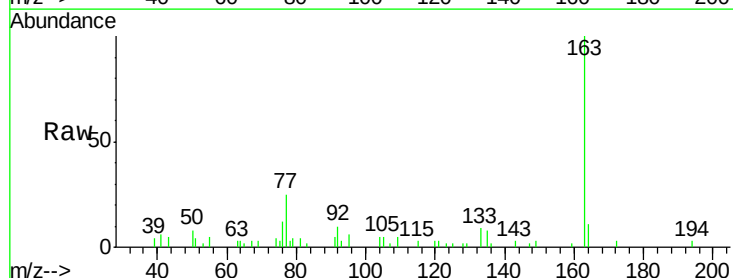
Instrument :
 BNA_F
 ClientSampleId :
 MW-07

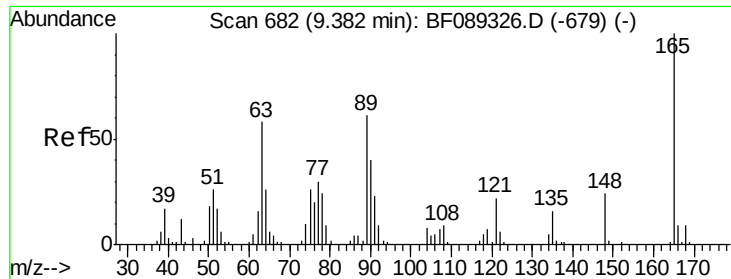
Tgt Ion:172 Resp: 506805
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.9 19.2 28.8



#49
 Dimethylphthalate
 Concen: 2.34 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.08 min
 Lab File: BF089522.D
 Acq: 1 Aug 2016 20:56

Tgt Ion:163 Resp: 15384
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.8 4.2
 164 11.0 7.8 11.8

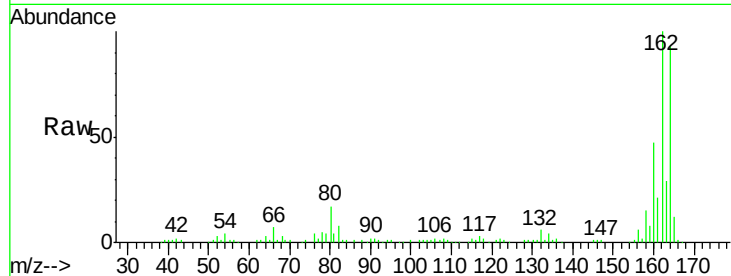




#50
 2,6-Dinitrotoluene
 Concen: 7.96 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.13 min
 Lab File: BF089522.D
 Acq: 1 Aug 2016 20:56

Instrument :
 BNA_F
 ClientSampled :
 MW-07

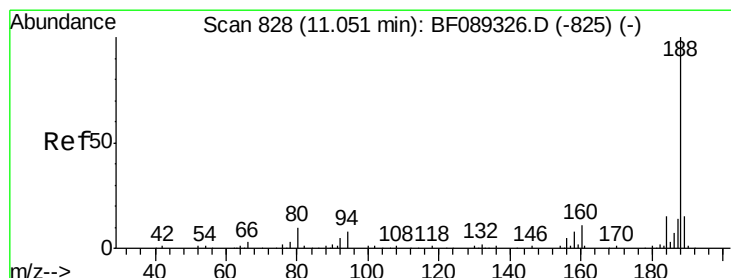
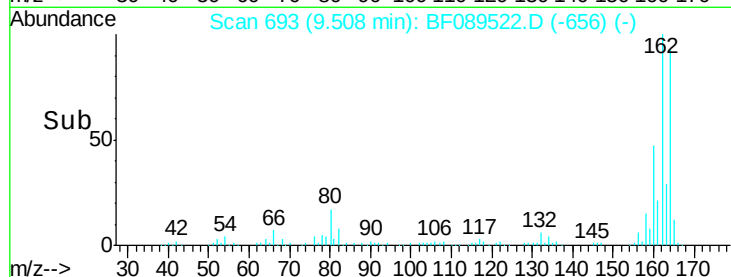
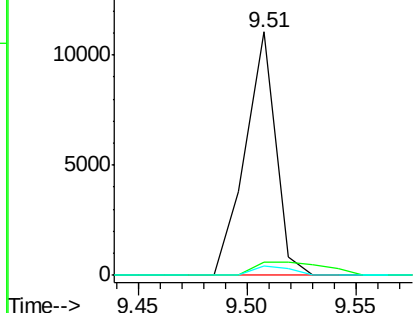
Tgt Ion	Ratio	Lower	Upper
165	100		
63	5.6	43.5	65.3#
89	4.1	45.0	67.4#



Abundance Ion 165.00 (164.70 to 165.70): E

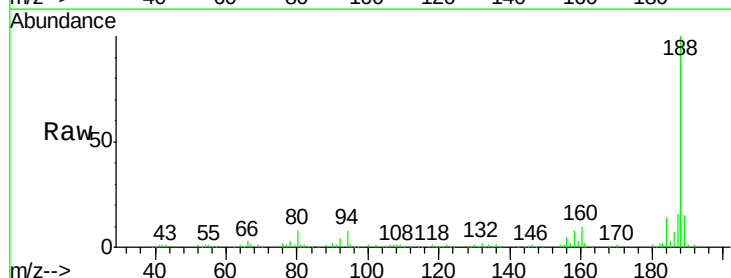
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.07 min
 Lab File: BF089522.D
 Acq: 1 Aug 2016 20:56

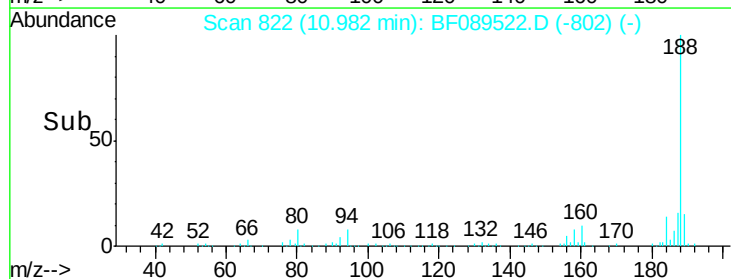
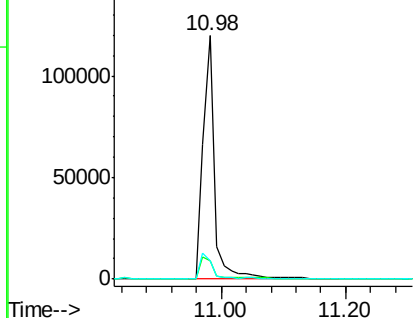
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.5	9.7
80	7.8	7.2	10.8

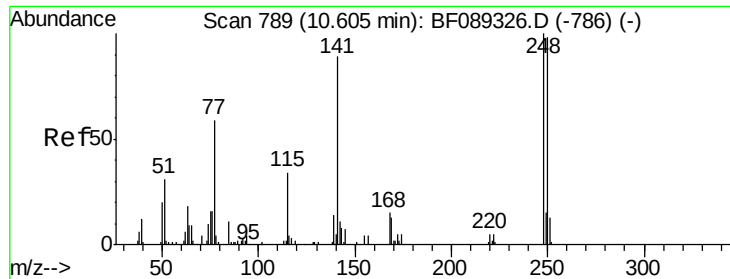


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

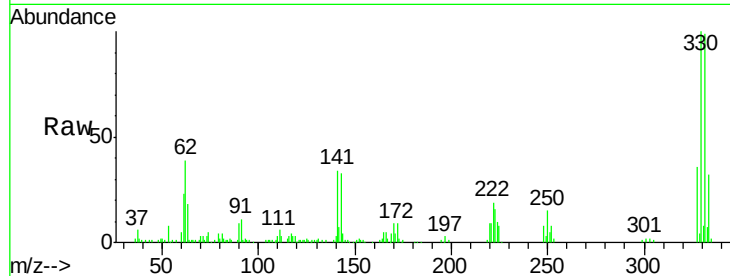




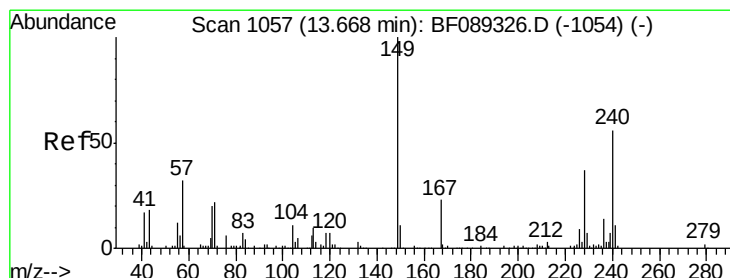
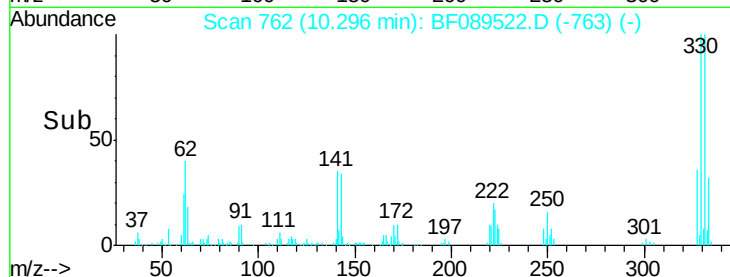
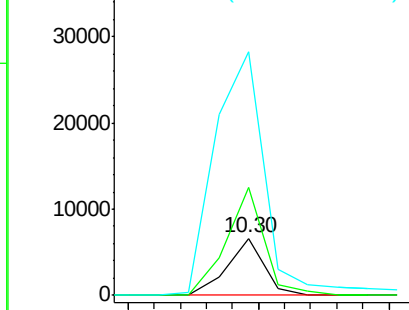
#66
 4-Bromophenyl-phenylether
 Concen: 4.39 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.31 min
 Lab File: BF089522.D
 Acq: 1 Aug 2016 20:56

Instrument :
 BNA_F
 ClientSampled :
 MW-07

Tgt Ion: 248 Resp: 6534
 Ion Ratio Lower Upper
 248 100
 250 190.2 78.2 117.2#
 141 427.9 62.0 93.0#

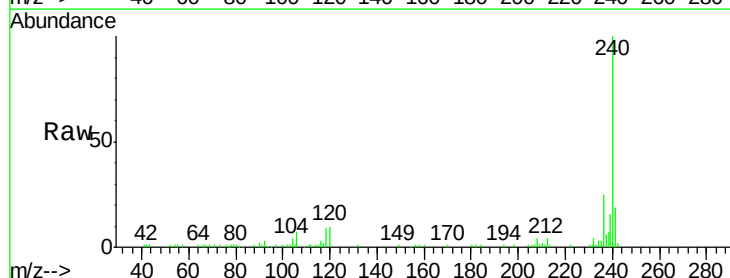


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

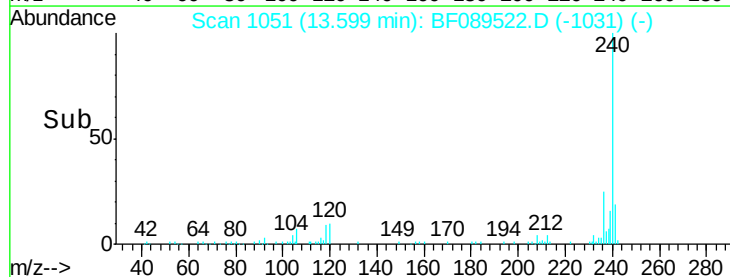
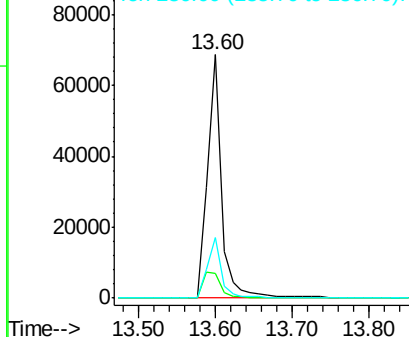


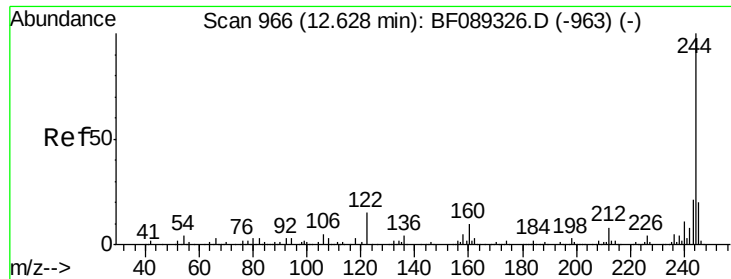
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.07 min
 Lab File: BF089522.D
 Acq: 1 Aug 2016 20:56

Tgt Ion: 240 Resp: 86640
 Ion Ratio Lower Upper
 240 100
 120 9.9 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

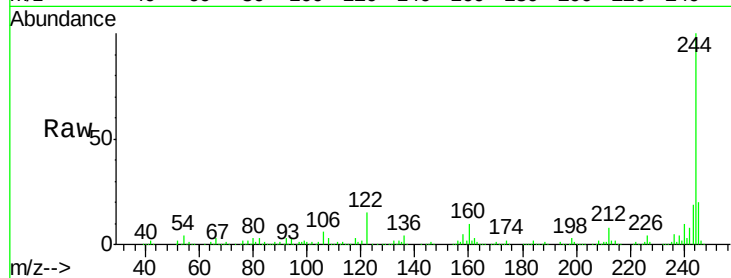




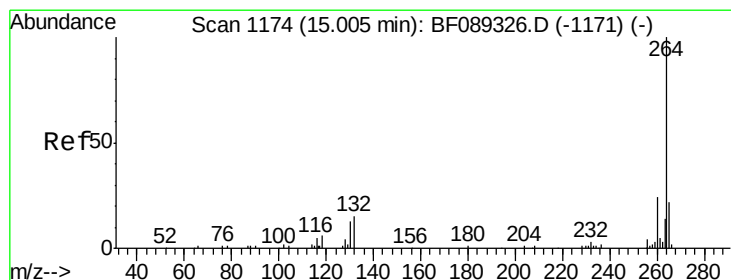
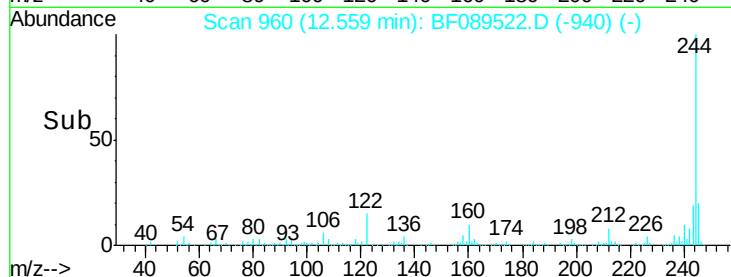
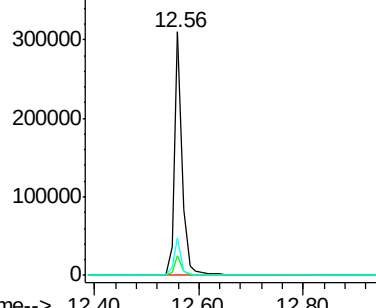
#78
 Terphenyl-d14
 Concen: 86.08 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.07 min
 Lab File: BF089522.D
 Acq: 1 Aug 2016 20:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tgt Ion:244 Resp: 318636
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 15.2 11.4 17.0

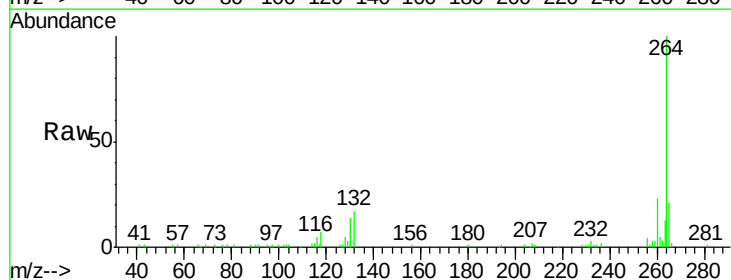


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF089522.D
 Acq: 1 Aug 2016 20:56

Tgt Ion:264 Resp: 78896
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.0 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

