

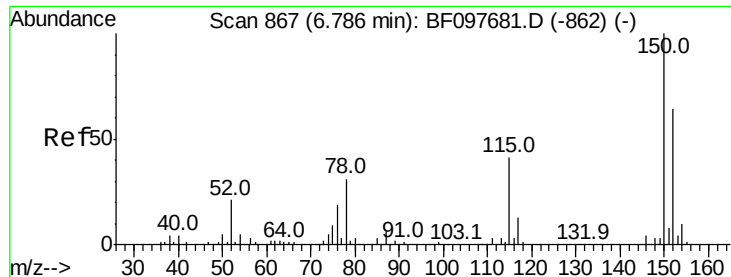
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098348.D
 Acq On : 8 Sep 2017 14:11
 Operator : SJ/JU
 Sample : I5109-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2-COMP

Quant Time: Sep 08 14:56:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	104402	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	406619	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	178777	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	292569	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	198109	20.00	ng	-0.02
86) Perylene-d12	15.24	264	200701	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	406114	59.17	ng	-0.02
7) Phenol-d6	6.32	99	359638	38.56	ng	-0.03
23) Nitrobenzene-d5	7.25	82	654643	87.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	196805	126.87	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	997544	81.98	ng	-0.02
78) Terphenyl-d14	12.79	244	652612	68.70	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	87129	13.648	ng	# 69
25) Isophorone	7.25	82	650130	41.771	ng	# 67
32) Benzoic acid	7.71	122	1773	6.729	ng	# 83
53) 2,4-Dinitrophenol	9.80	184	681	10.621	ng	# 4
64) 4,6-Dinitro-2-methylphenol	10.33	198	430	8.579	ng	# 1
65) n-Nitrosodiphenylamine	10.37	169	24447	2.454	ng	95
66) 4-Bromophenyl-phenylether	10.51	248	12820	4.220	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.82	149	20269	2.944	ng	# 85

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

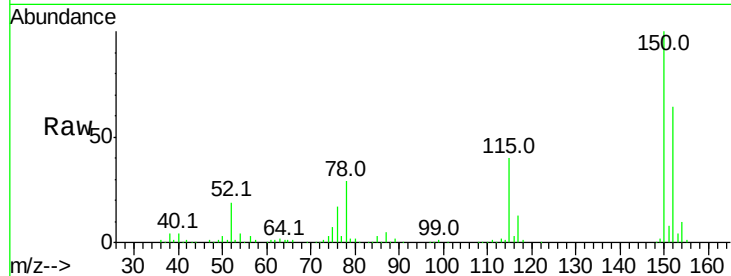


#1

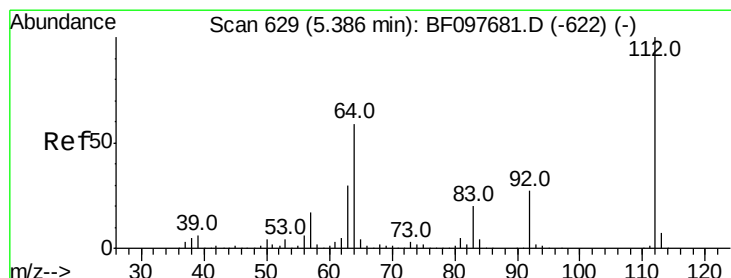
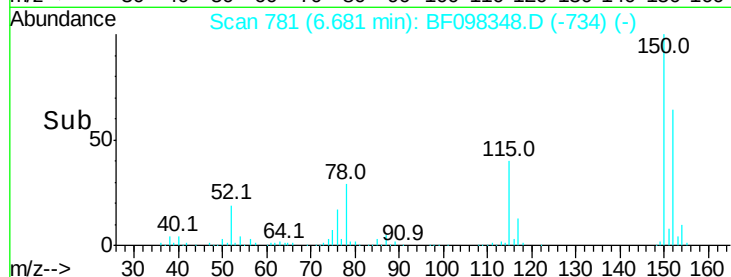
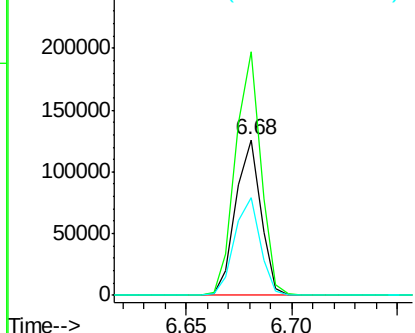
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF098348.D
Acq: 8 Sep 2017 14:11

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2-COMP

Tot Ion:152 Resp: 104402
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 63.0 52.2 78.2



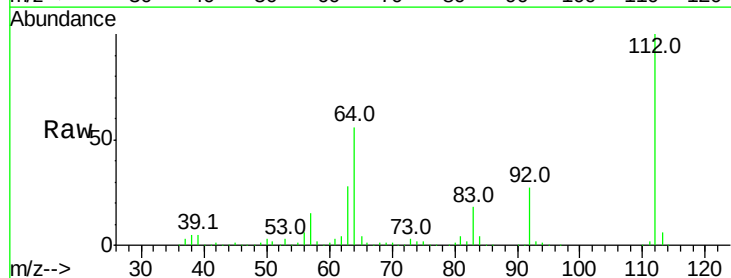
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



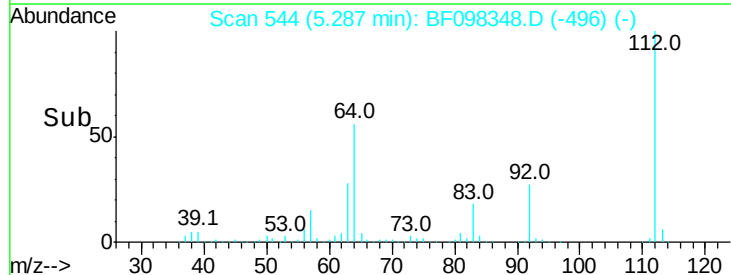
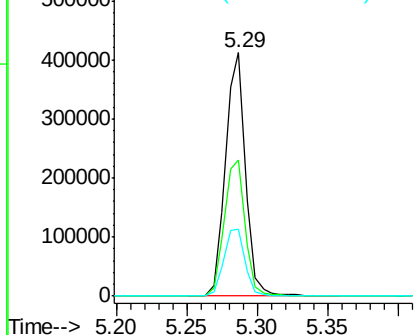
#5

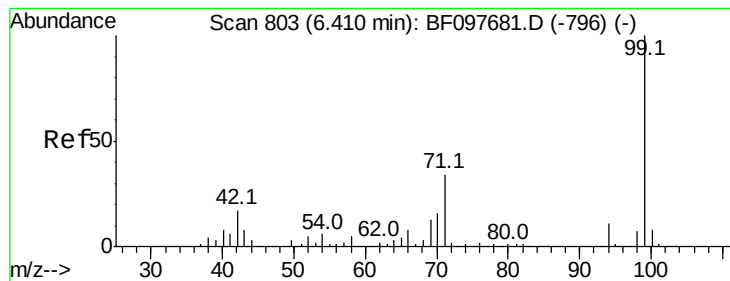
2-Fluorophenol
Concen: 59.168 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098348.D
Acq: 8 Sep 2017 14:11

Tgt Ion:112 Resp: 406114
Ion Ratio Lower Upper
112 100
64 55.8 46.0 69.0
63 27.6 23.4 35.0



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: 38.564 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF098348.D

Acq: 8 Sep 2017 14:11

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2-COMP

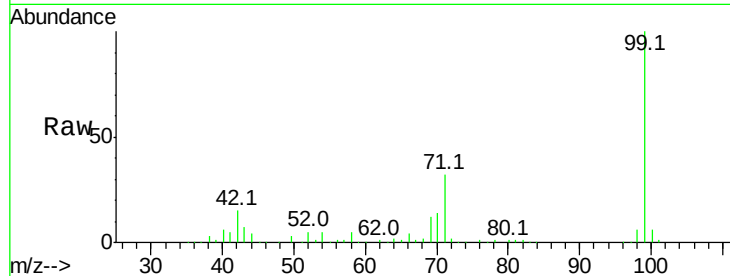
Tot Ion: 99 Resp: 359638

Ion Ratio Lower Upper

99 100

42 14.6 13.5 20.3

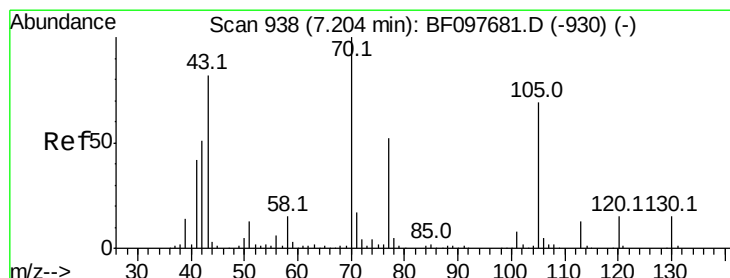
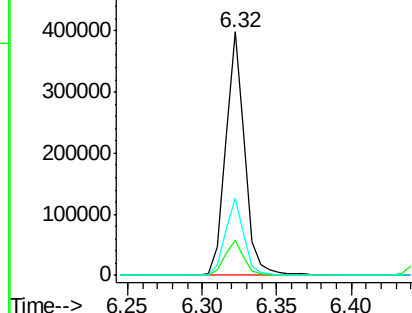
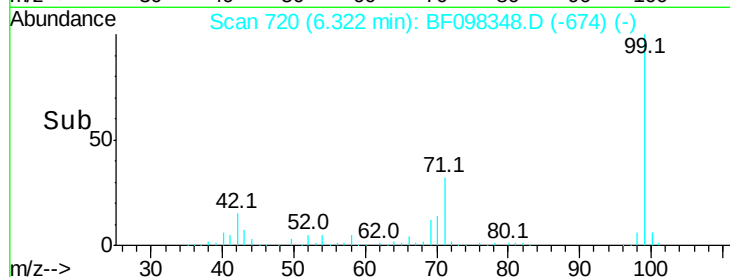
71 31.9 24.5 36.7



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: 13.648 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.12 min

Lab File: BF098348.D

Acq: 8 Sep 2017 14:11

Tgt Ion: 70 Resp: 87129

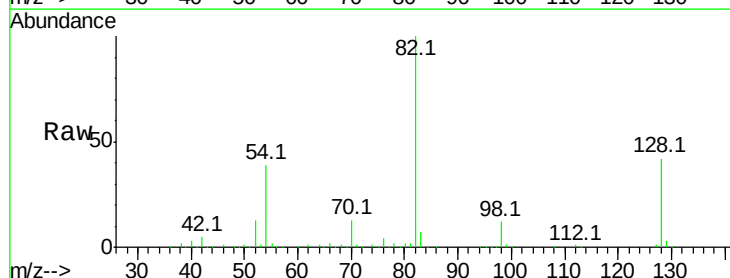
Ion Ratio Lower Upper

70 100

42 37.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

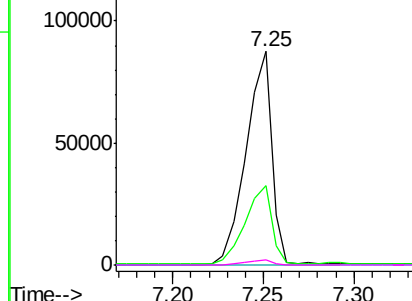
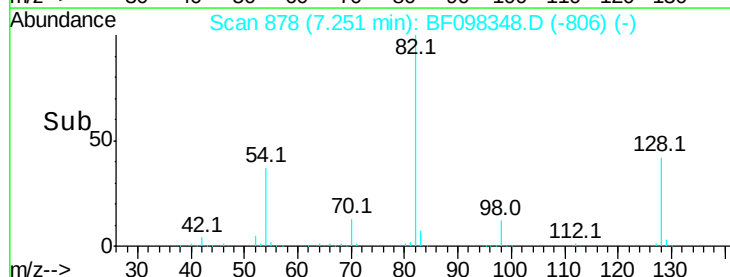


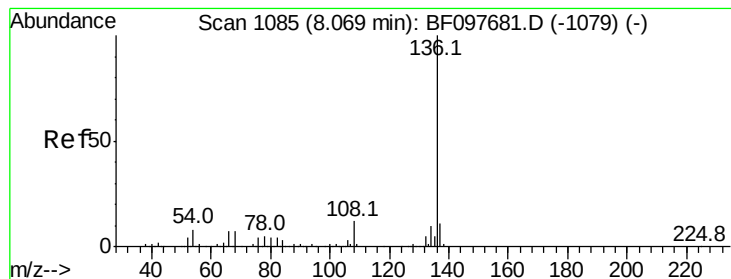
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF098348.D

Acq: 8 Sep 2017 14:11

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2-COMP

Tot Ion:136 Resp: 406619

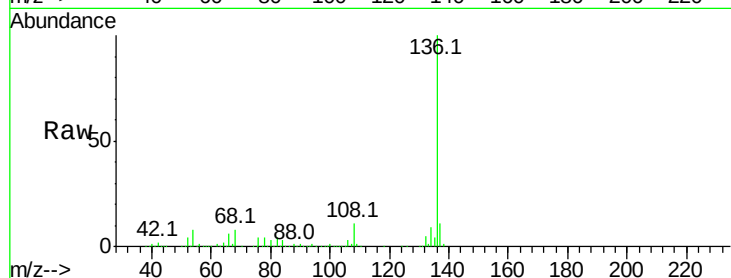
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.5 4.9 7.3#

68 7.6 4.1 6.1#

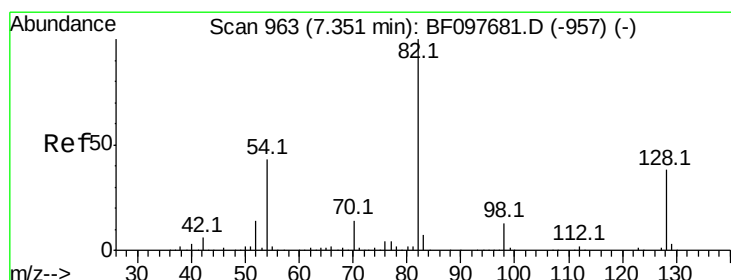
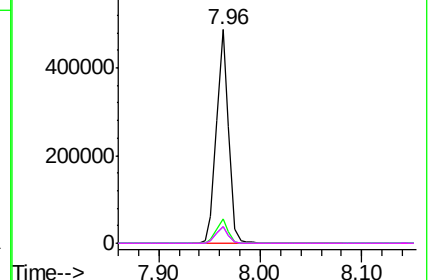
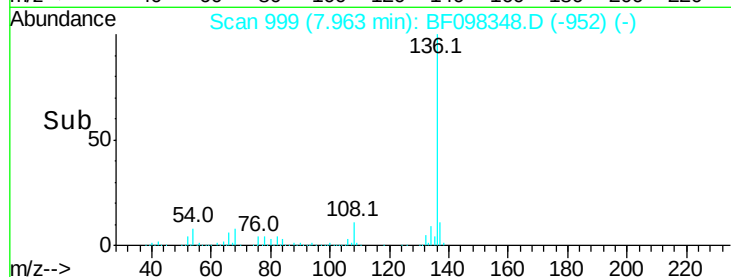


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.461 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF098348.D

Acq: 8 Sep 2017 14:11

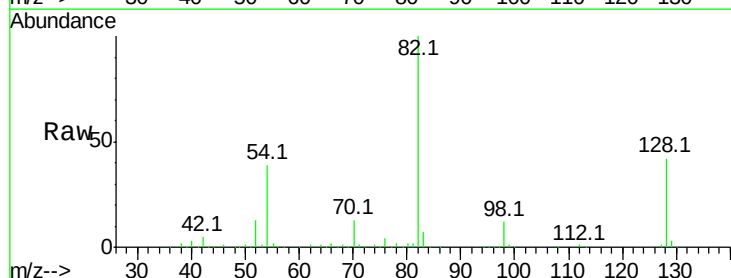
Tgt Ion: 82 Resp: 654643

Ion Ratio Lower Upper

82 100

128 41.6 34.0 51.0

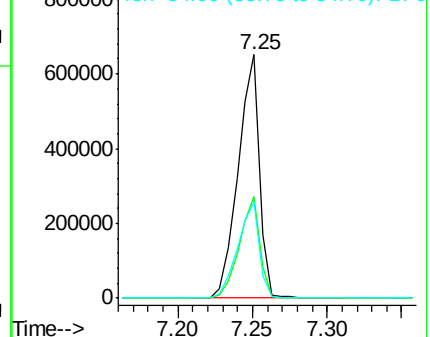
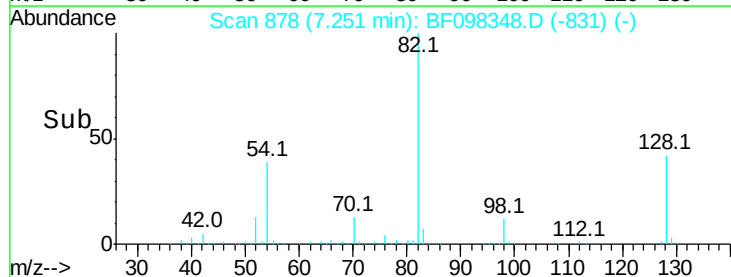
54 39.3 42.2 63.2#

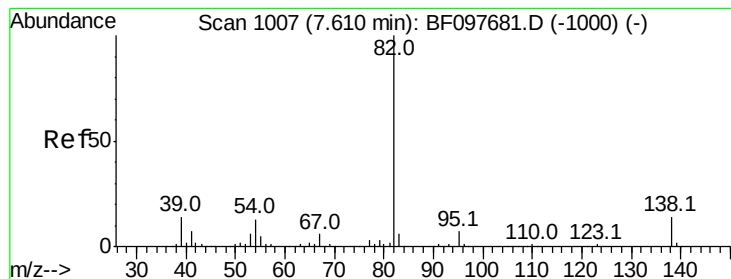


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 41.771 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.28 min

Lab File: BF098348.D

Acq: 8 Sep 2017 14:11

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2-COMP

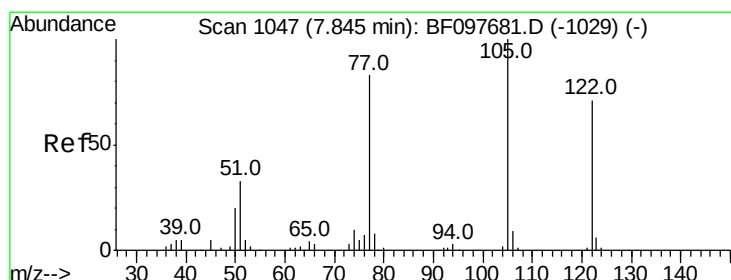
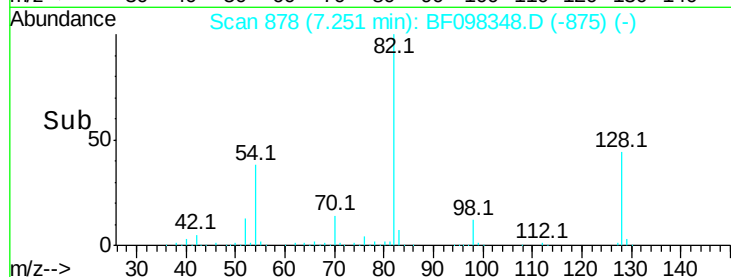
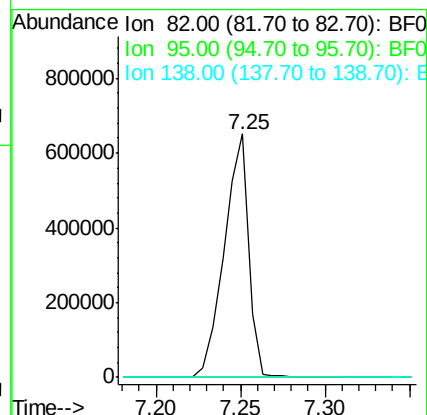
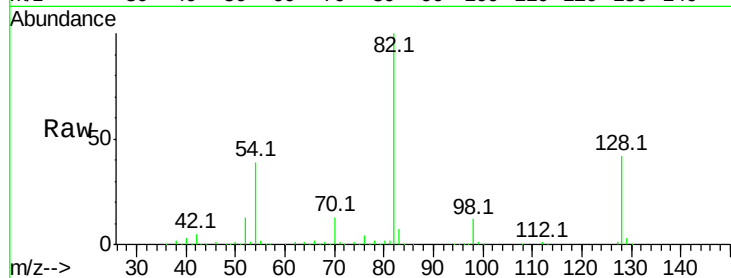
Tot Ion: 82 Resp: 650130

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

138 0.0 13.1 19.7#



#32

Benzoic acid

Concen: 6.729 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.09 min

Lab File: BF098348.D

Acq: 8 Sep 2017 14:11

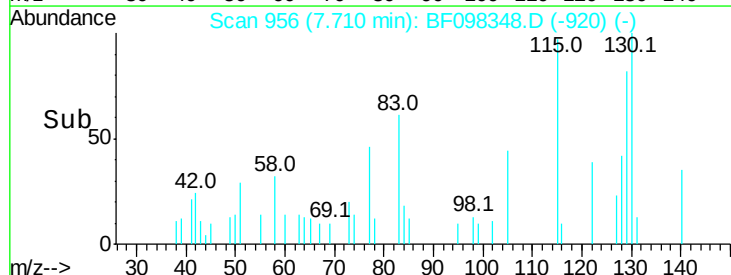
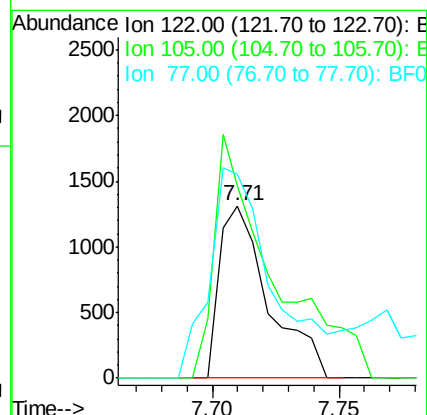
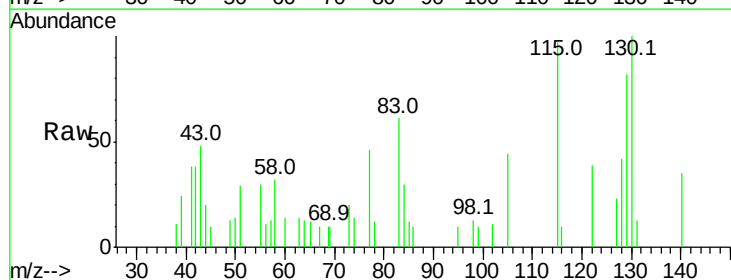
Tgt Ion:122 Resp: 1773

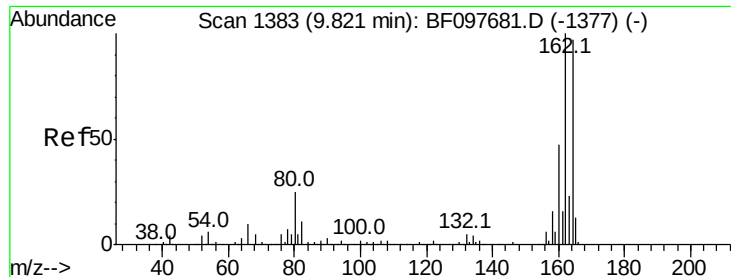
Ion Ratio Lower Upper

122 100

105 111.7 103.3 143.3

77 118.3 73.7 113.7#

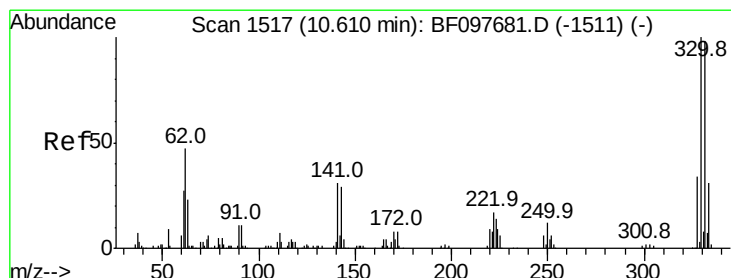
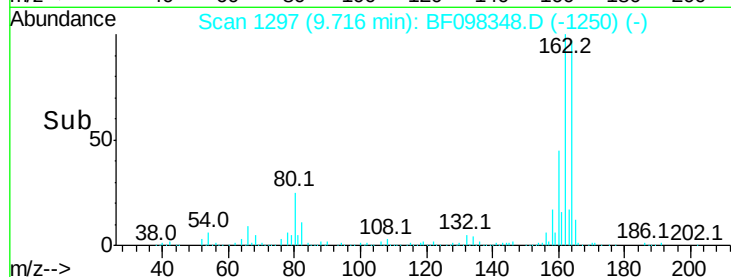
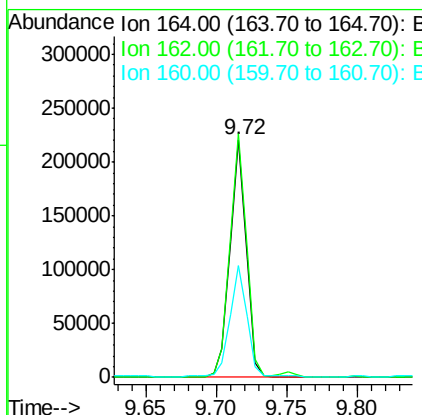
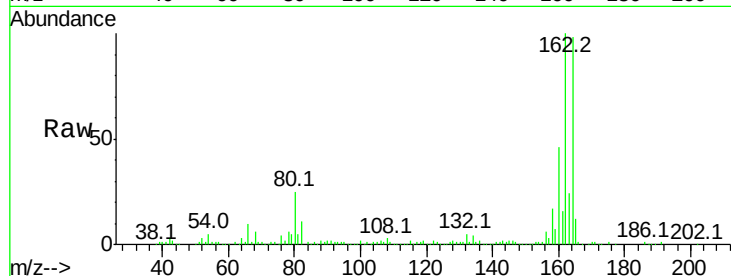




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF098348.D
 Acq: 8 Sep 2017 14:11

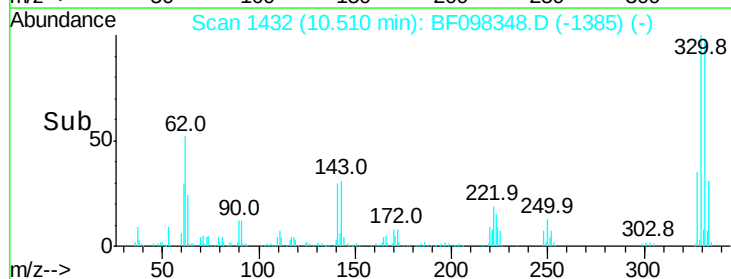
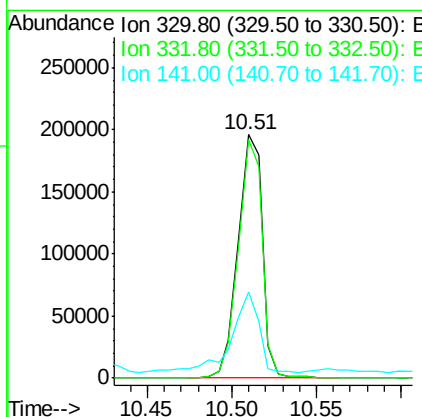
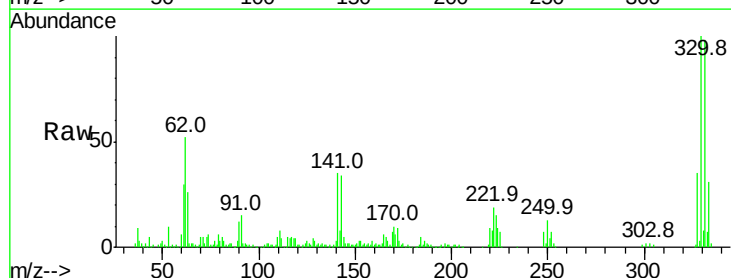
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2-COMP

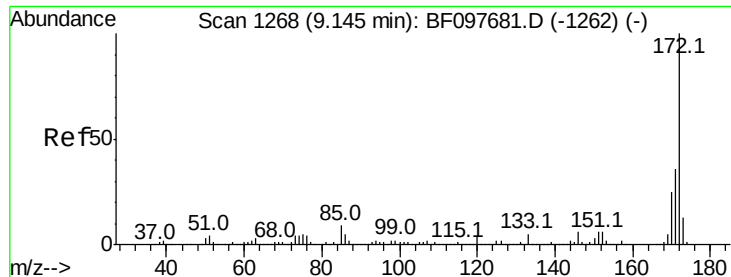
Tot Ion:164 Resp: 178777
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 123.8
 160 47.2 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 126.874 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF098348.D
 Acq: 8 Sep 2017 14:11

Tgt Ion:330 Resp: 196805
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 37.3 31.4 47.2

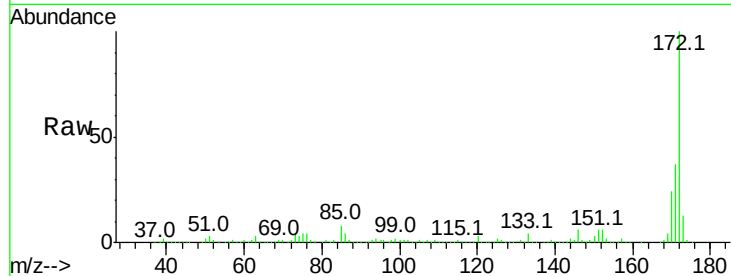




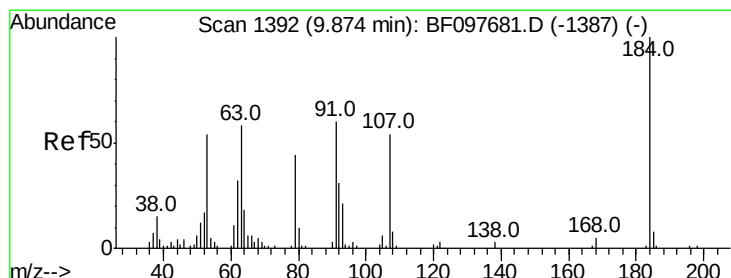
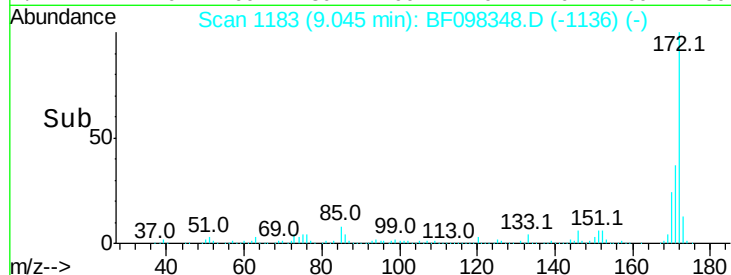
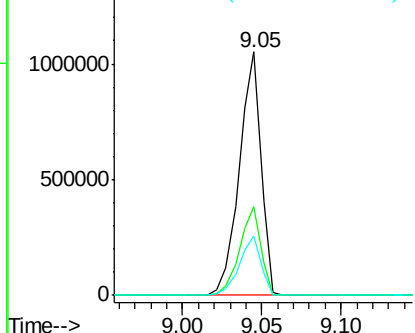
#44
 2-Fluorobiphenyl
 Concen: 81.979 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF098348.D
 Acq: 8 Sep 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2-COMP

Tot Ion:172 Resp: 997544
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.4 19.8 29.8

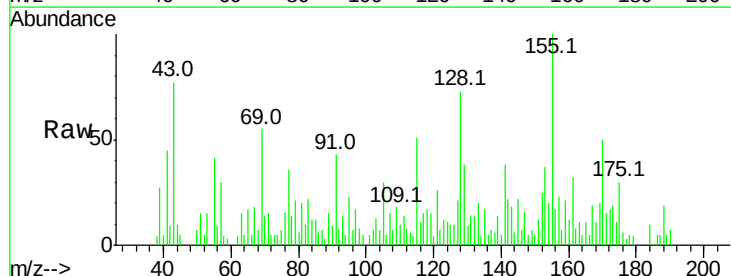


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

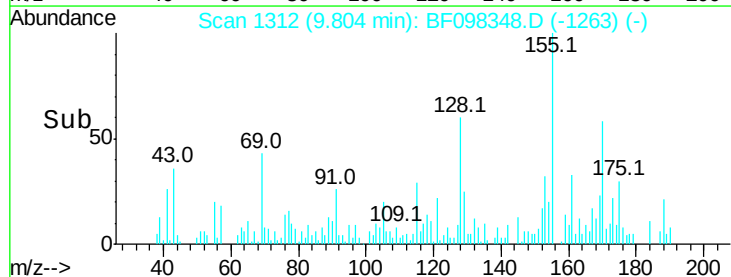
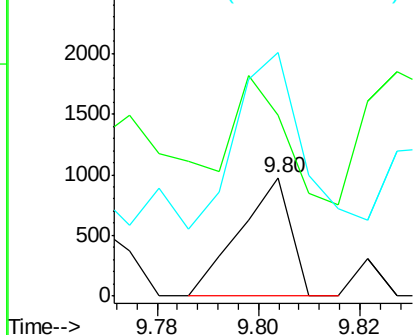


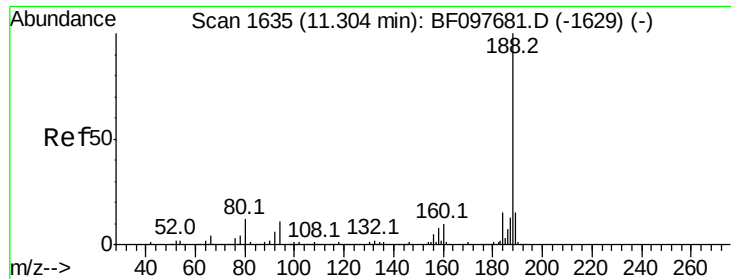
#53
 2,4-Dinitrophenol
 Concen: 10.621 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF098348.D
 Acq: 8 Sep 2017 14:11

Tgt Ion:184 Resp: 681
 Ion Ratio Lower Upper
 184 100
 63 152.9 62.7 94.1#
 154 206.0 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

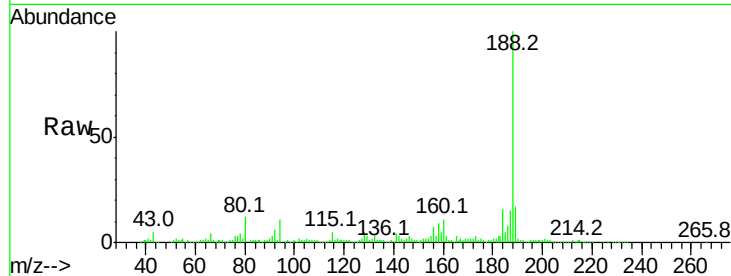




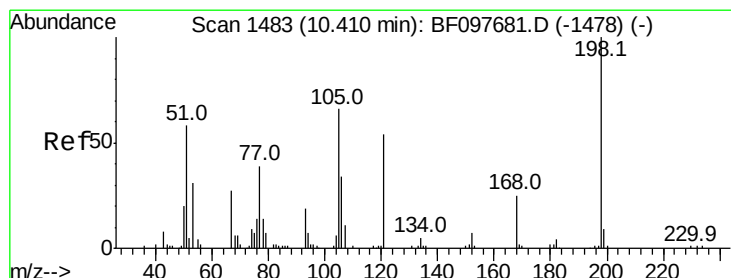
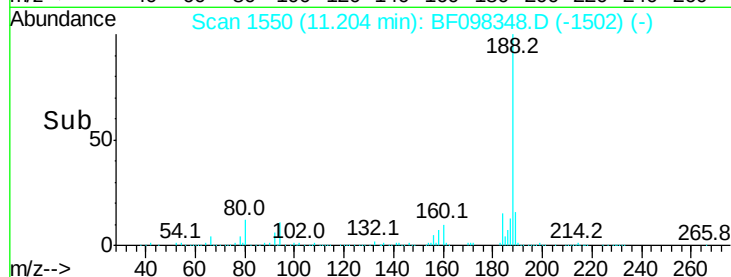
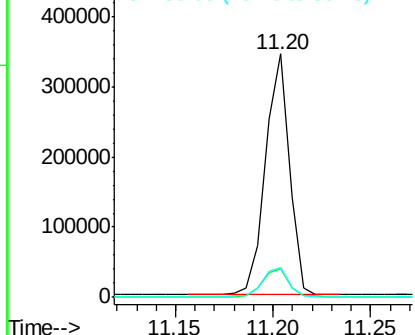
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BF098348.D
Acq: 8 Sep 2017 14:11

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2-COMP

Tot Ion:188 Resp: 292569
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 12.4 10.2 15.2

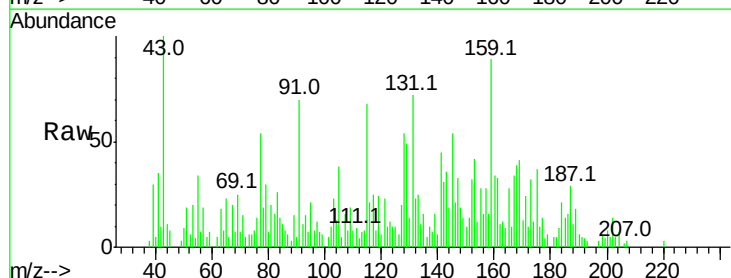


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

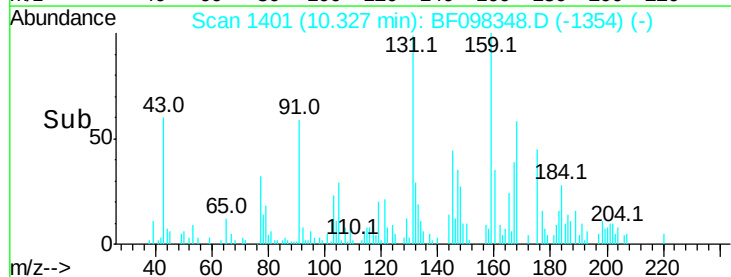
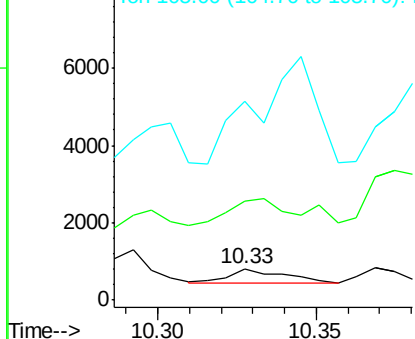


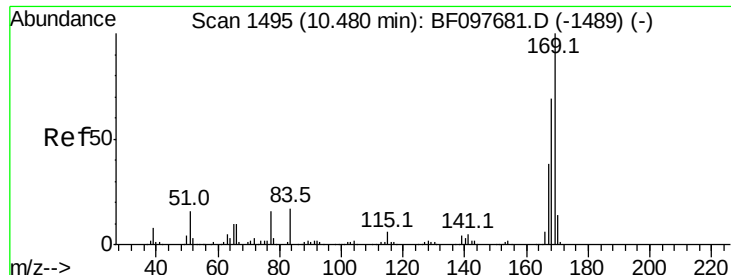
#64
4,6-Dinitro-2-methylphenol
Concen: 8.579 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF098348.D
Acq: 8 Sep 2017 14:11

Tgt Ion:198 Resp: 430
Ion Ratio Lower Upper
198 100
51 312.3 53.2 93.2#
105 630.2 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

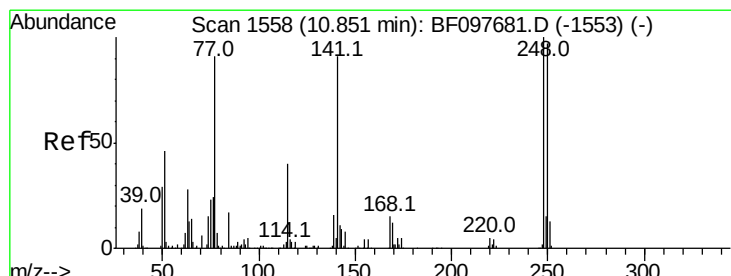
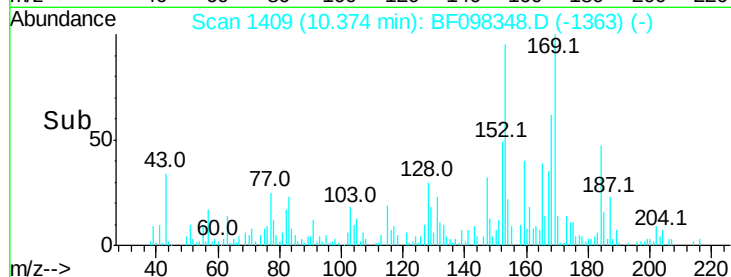
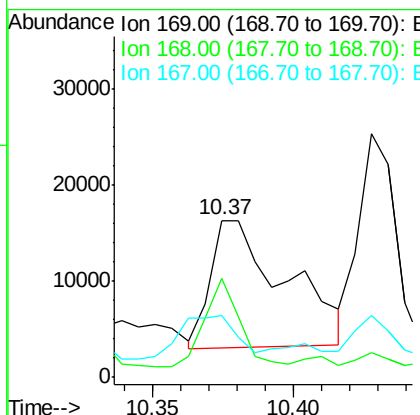
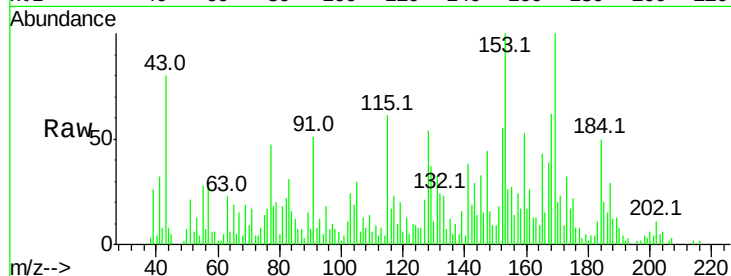




#65
 n-Nitrosodiphenylamine
 Concen: 2.454 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.03 min
 Lab File: BF098348.D
 Acq: 8 Sep 2017 14:11

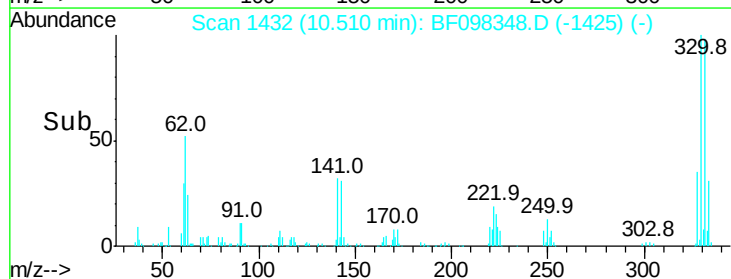
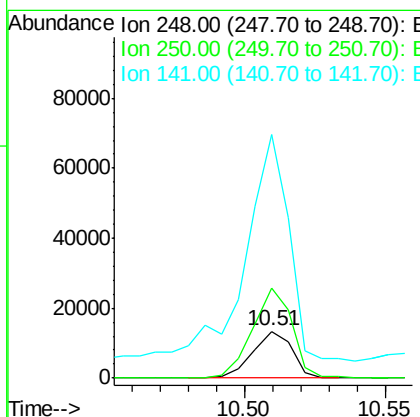
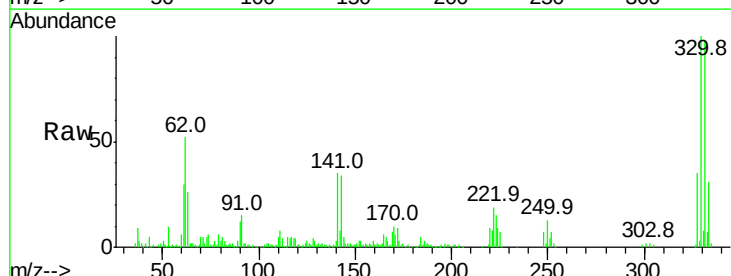
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2-COMP

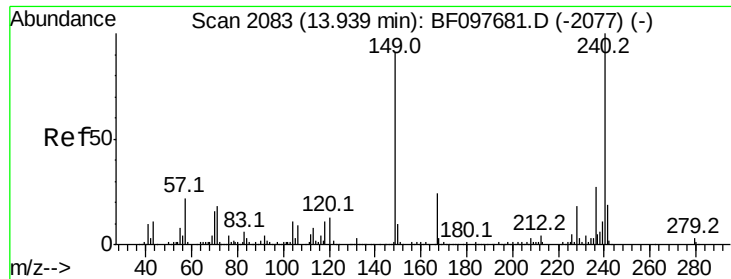
Tot Ion:169 Resp: 24447
 Ion Ratio Lower Upper
 169 100
 168 62.7 53.2 79.8
 167 39.5 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 4.220 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.26 min
 Lab File: BF098348.D
 Acq: 8 Sep 2017 14:11

Tgt Ion:248 Resp: 12820
 Ion Ratio Lower Upper
 248 100
 250 192.3 76.8 115.2#
 141 521.2 68.6 103.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF098348.D

Acq: 8 Sep 2017 14:11

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2-COMP

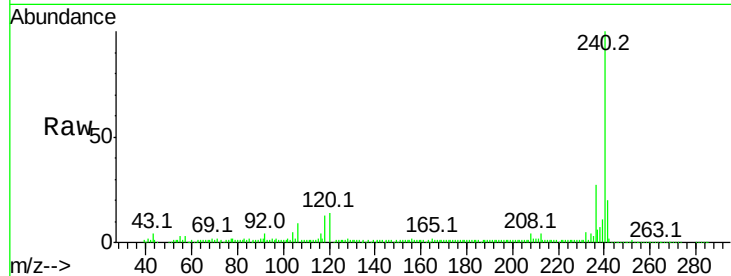
Tot Ion:240 Resp: 198109

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

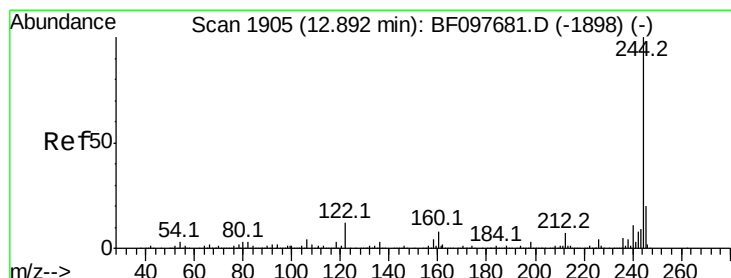
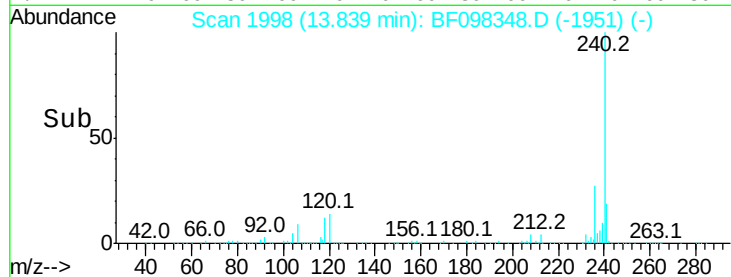
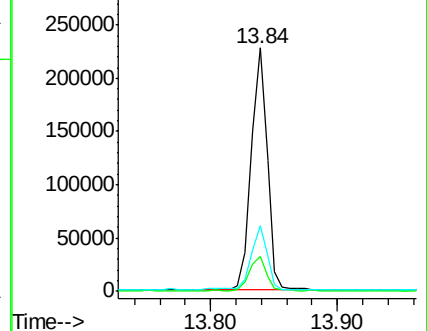
236 27.1 20.5 30.7



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: 68.695 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF098348.D

Acq: 8 Sep 2017 14:11

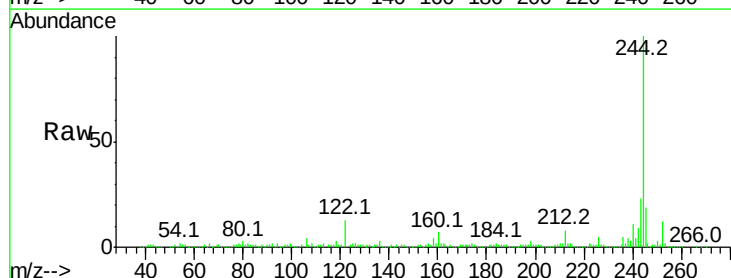
Tgt Ion:244 Resp: 652612

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

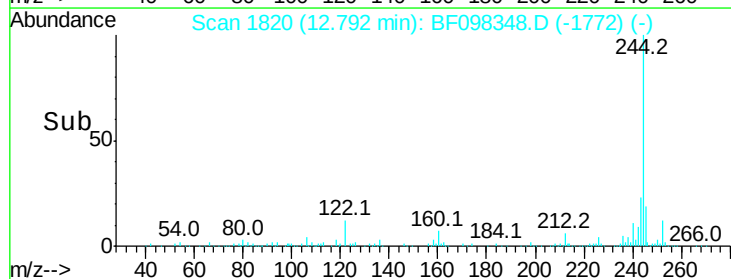
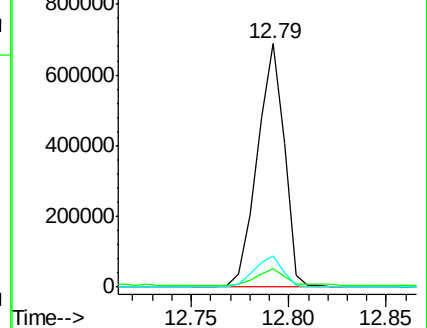
122 12.6 10.3 15.5

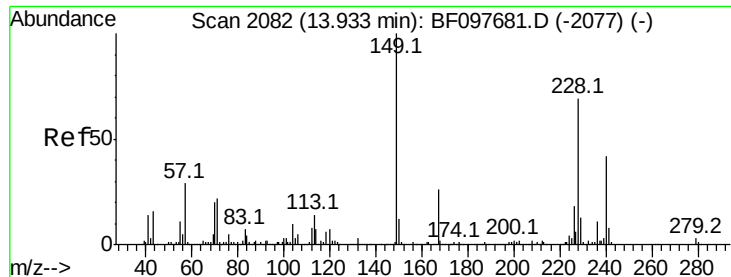


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.944 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF098348.D

Acq: 8 Sep 2017 14:11

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2-COMP

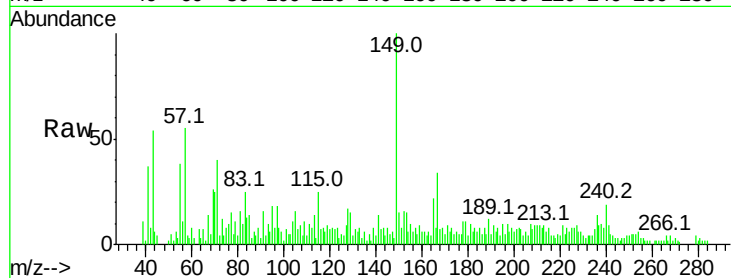
Tot Ion:149 Resp: 20269

Ion Ratio Lower Upper

149 100

167 34.2 21.0 31.4#

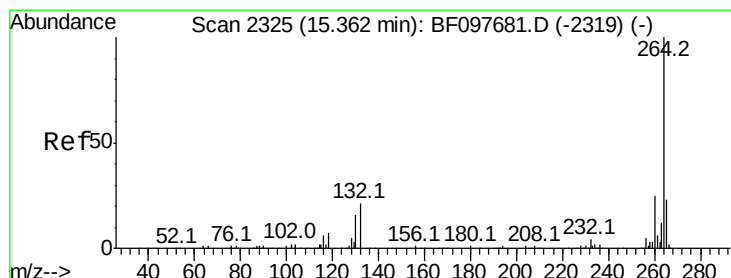
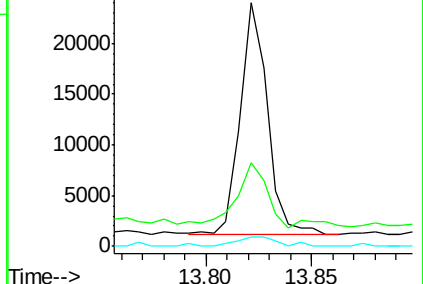
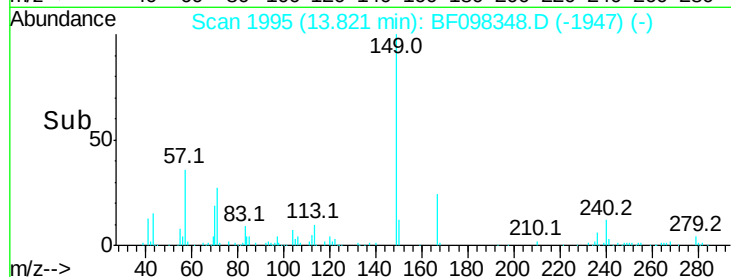
279 4.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BF098348.D

Acq: 8 Sep 2017 14:11

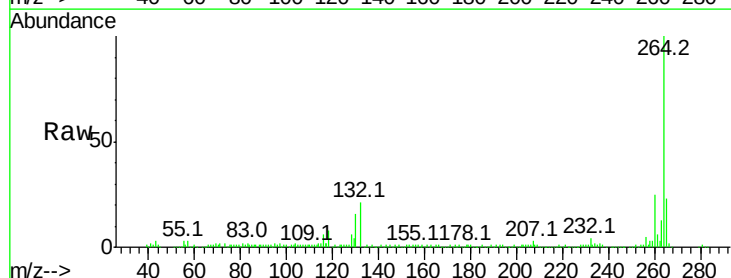
Tgt Ion:264 Resp: 200701

Ion Ratio Lower Upper

264 100

260 25.2 19.5 29.3

265 23.0 17.2 25.8



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

