

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098302.D
 Acq On : 7 Sep 2017 5:32
 Operator : SJ/JU
 Sample : PB102084BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BL

Quant Time: Sep 07 07:25:02 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

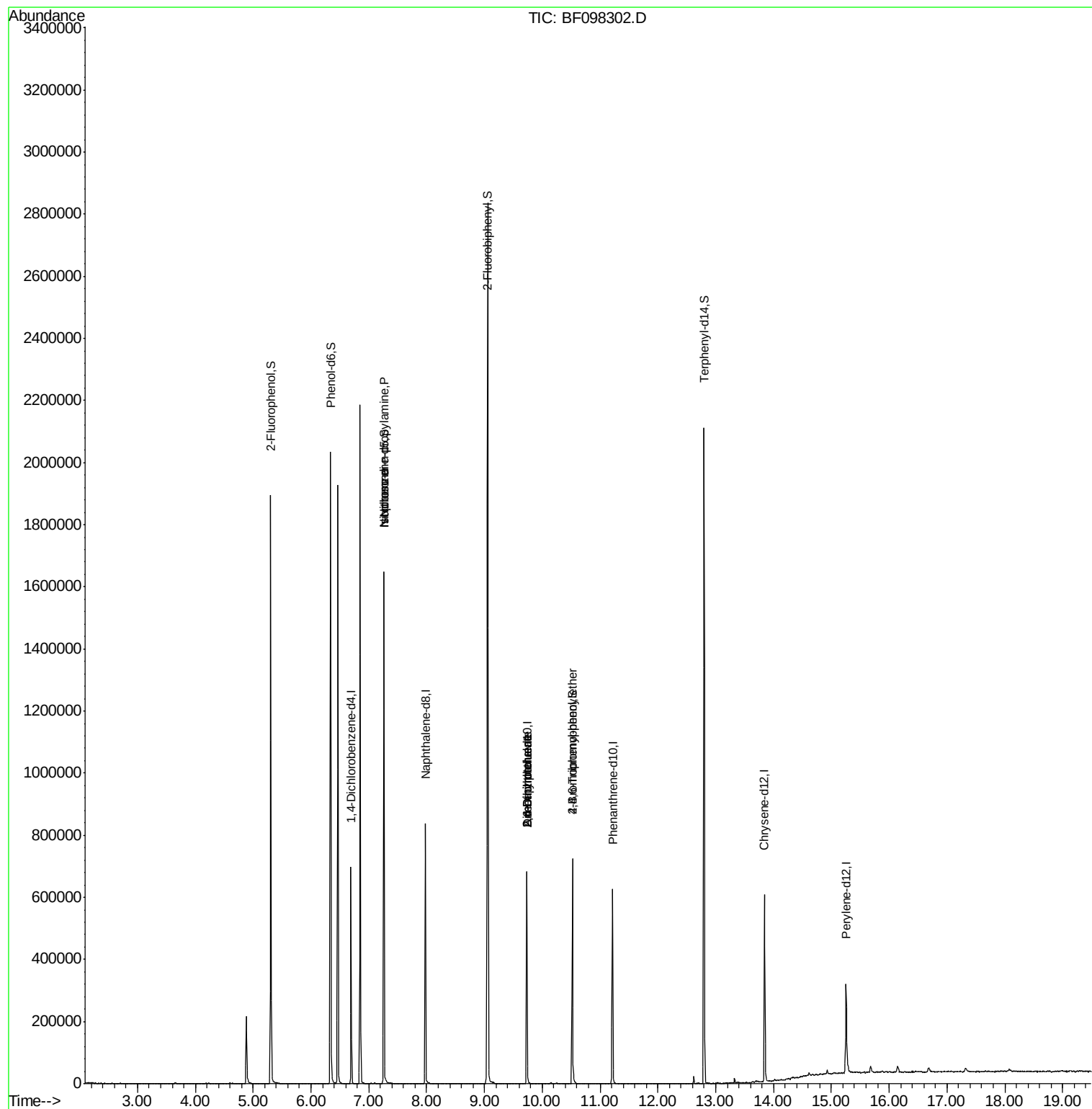
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	100498	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	378472	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	144588	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	238690	20.00	ng	0.00
75) Chrysene-d12	13.84	240	206594	20.00	ng	-0.02
86) Perylene-d12	15.26	264	139516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	538940	81.57	ng	0.00
7) Phenol-d6	6.34	99	706756	78.73	ng	-0.01
23) Nitrobenzene-d5	7.26	82	598018	85.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	88543	70.58	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	900881	91.54	ng	-0.01
78) Terphenyl-d14	12.80	244	631162	63.71	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	77753	12.65	ng	# 71
25) Isophorone	7.26	82	590510	40.76	ng	# 67
49) Dimethylphthalate	9.73	163	38933	3.68	ng	# 1
50) 2,6-Dinitrotoluene	9.73	165	18924	8.97	ng	# 34
56) 2,4-Dinitrotoluene	9.73	165	18924	7.15	ng	# 34
66) 4-Bromophenyl-phenylether	10.52	248	5674	2.29	ng	# 1

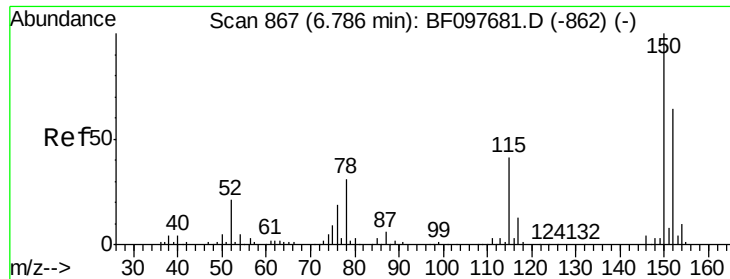
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

Instrument :

BNA_F

ClientSampleId :

PB102084BL

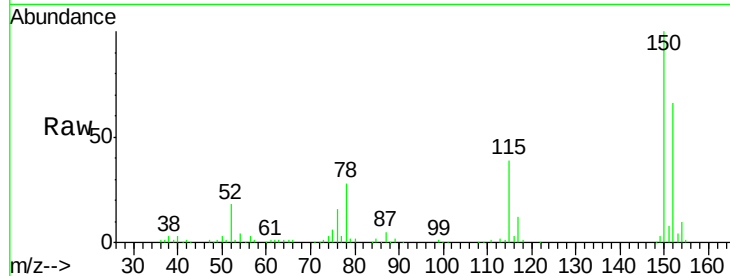
Tot Ion:152 Resp: 100498

Ion Ratio Lower Upper

152 100

150 151.4 126.2 189.2

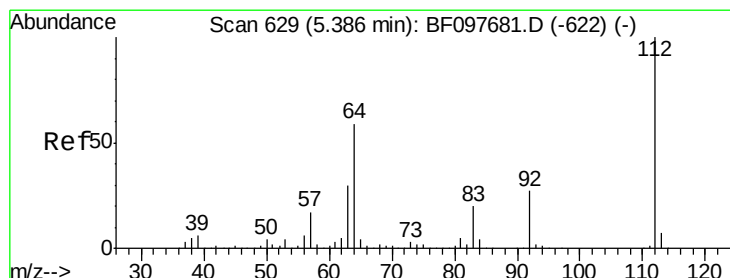
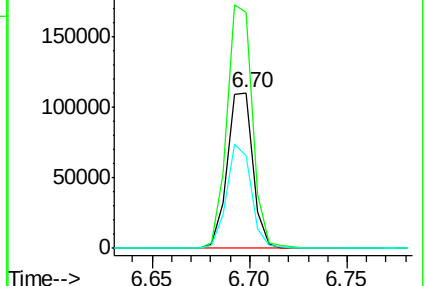
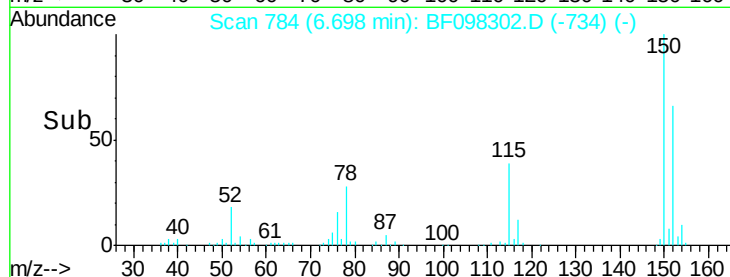
115 59.7 52.2 78.2



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: 81.57 ng

RT: 5.30 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

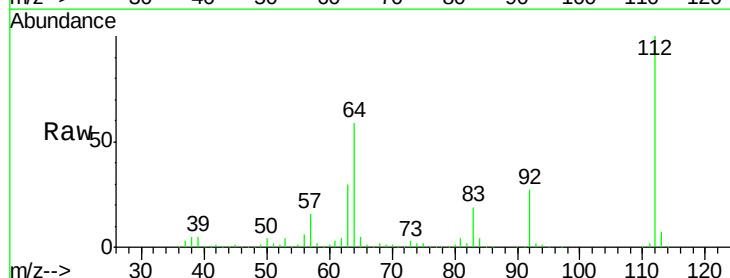
Tgt Ion:112 Resp: 538940

Ion Ratio Lower Upper

112 100

64 58.9 46.0 69.0

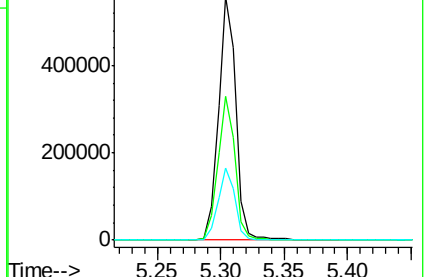
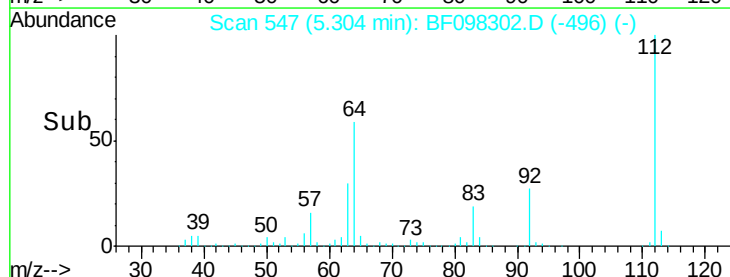
63 29.7 23.4 35.0

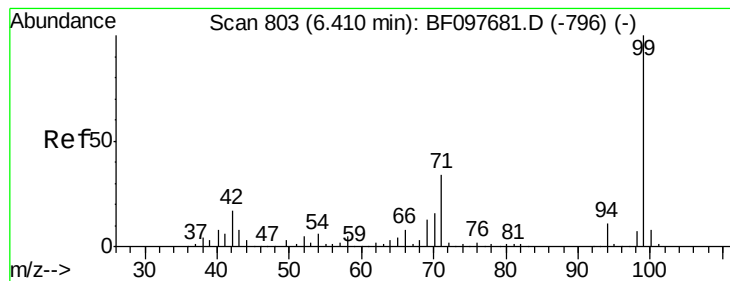


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 78.73 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

Instrument :

BNA_F

ClientSampleId :

PB102084BL

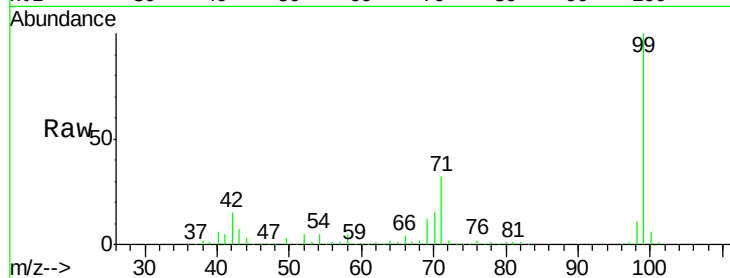
Tot Ion: 99 Resp: 706756

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

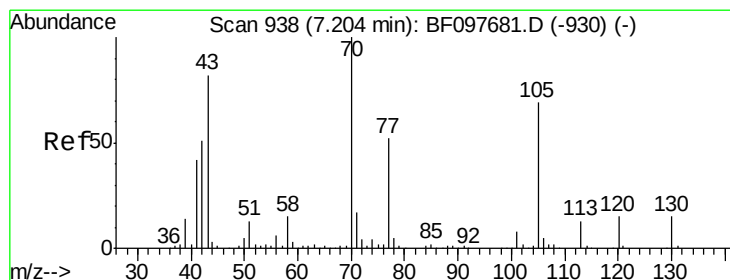
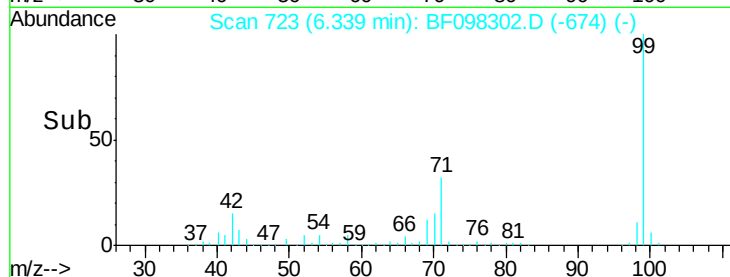
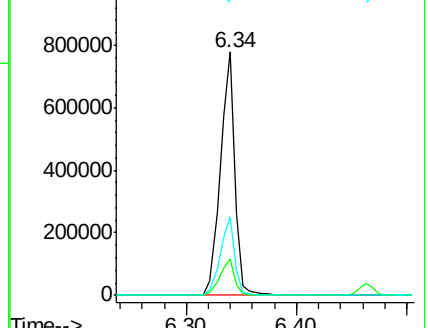
71 32.0 24.5 36.7



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: 12.65 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

Tgt Ion: 70 Resp: 77753

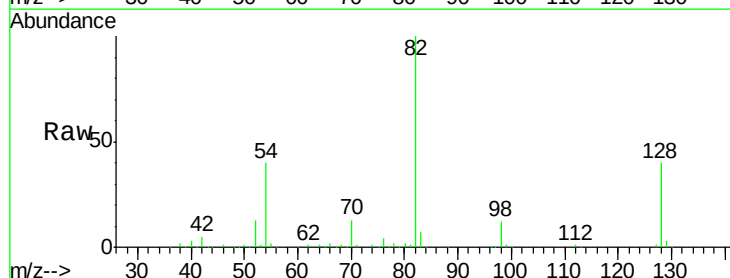
Ion Ratio Lower Upper

70 100

42 39.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

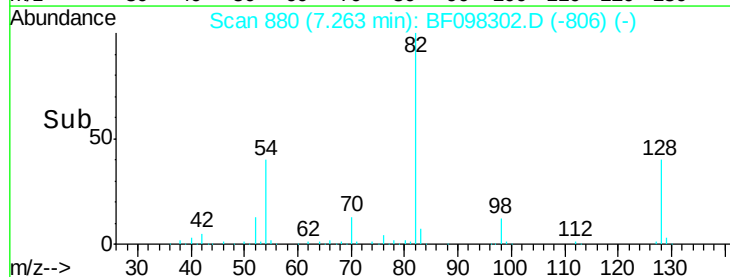
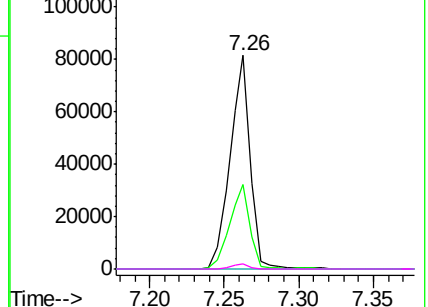


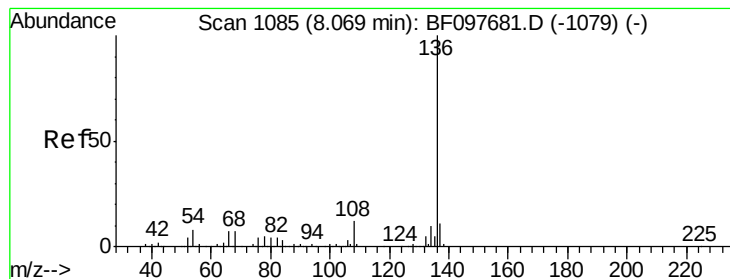
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

Instrument :

BNA_F

ClientSampleId :

PB102084BL

Tot Ion:136 Resp: 378472

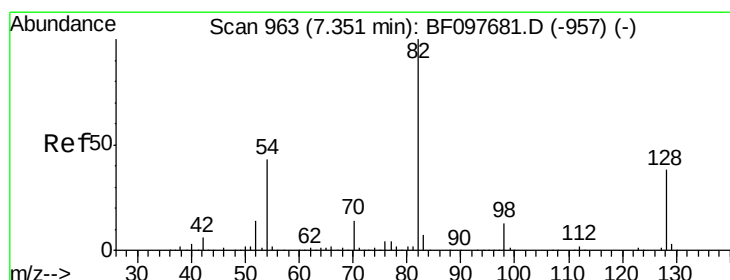
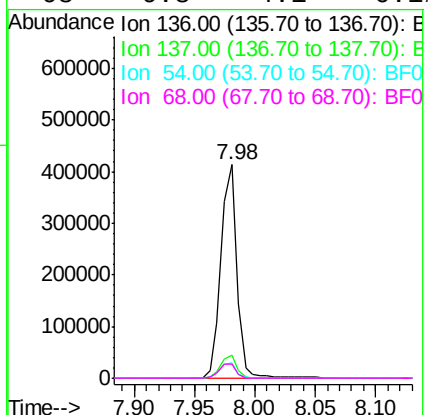
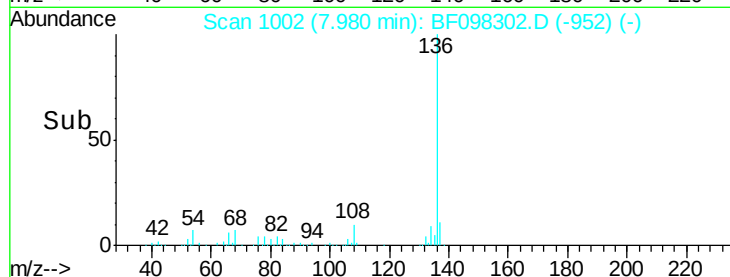
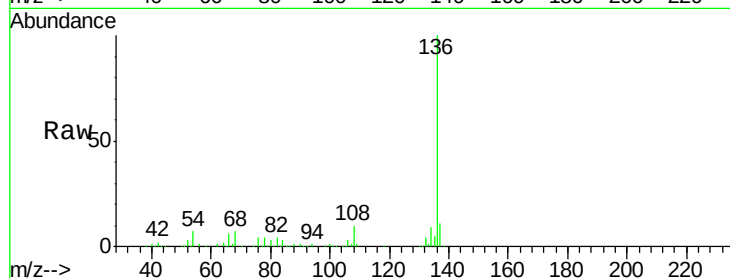
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.1 4.9 7.3

68 6.8 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 85.84 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

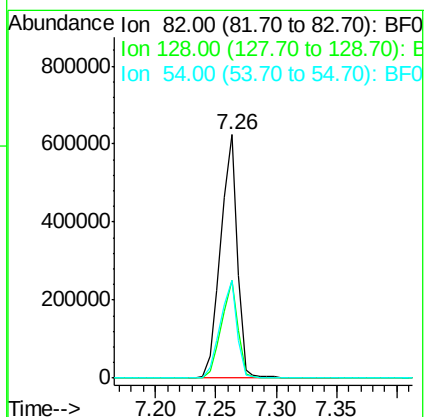
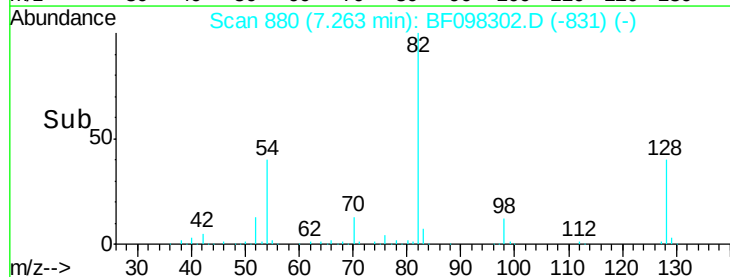
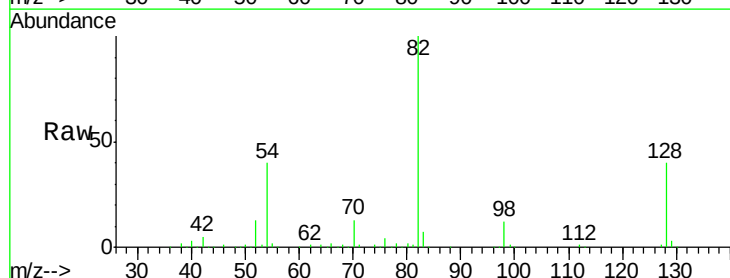
Tgt Ion: 82 Resp: 598018

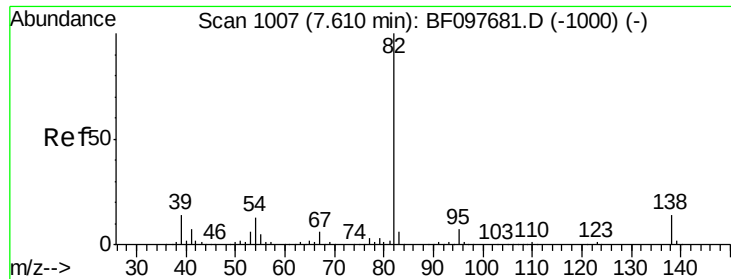
Ion Ratio Lower Upper

82 100

128 40.4 34.0 51.0

54 40.1 42.2 63.2#





#25

Isophorone

Concen: 40.76 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

Instrument :

BNA_F

ClientSampleId :

PB102084BL

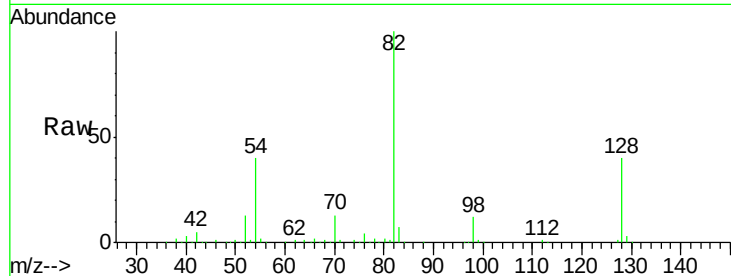
Tot Ion: 82 Resp: 590510

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

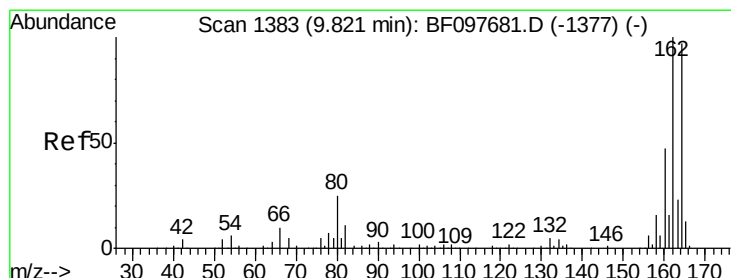
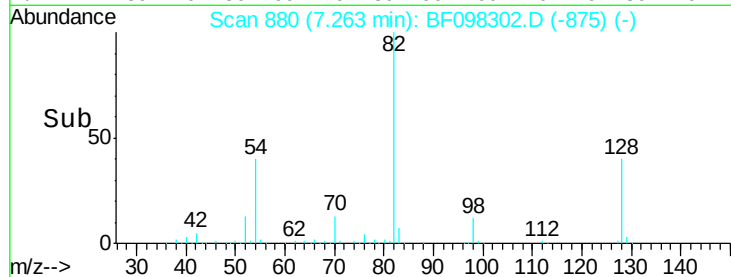
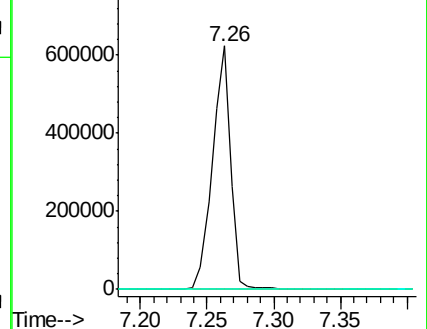
138 0.0 13.1 19.7#



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: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

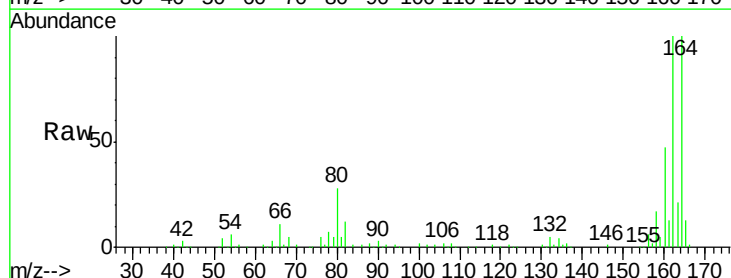
Tgt Ion: 164 Resp: 144588

Ion Ratio Lower Upper

164 100

162 100.3 82.6 123.8

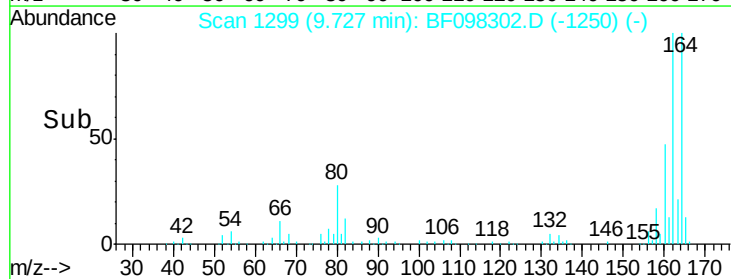
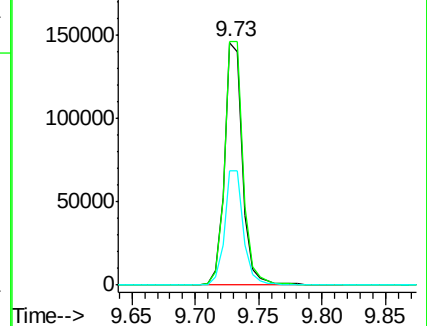
160 47.2 36.2 54.2

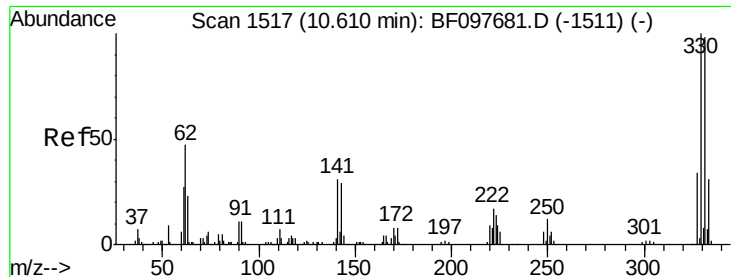


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

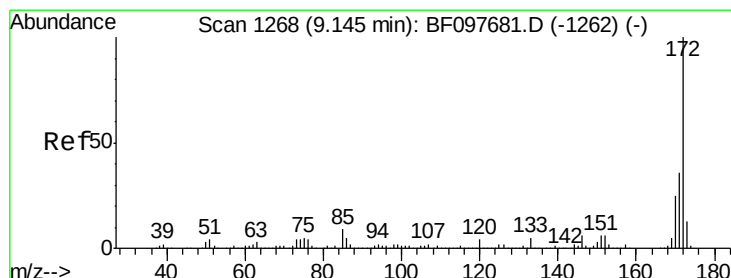
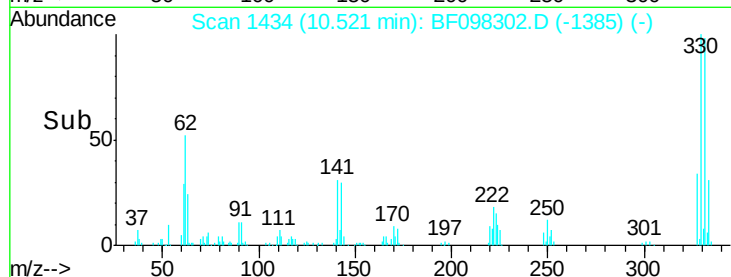
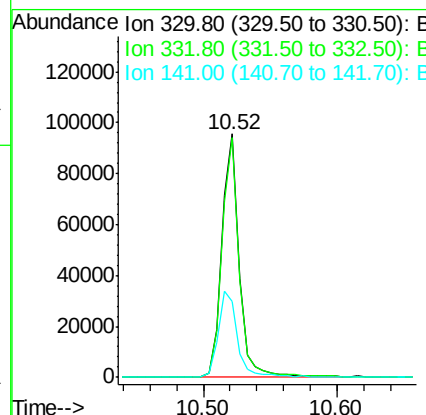
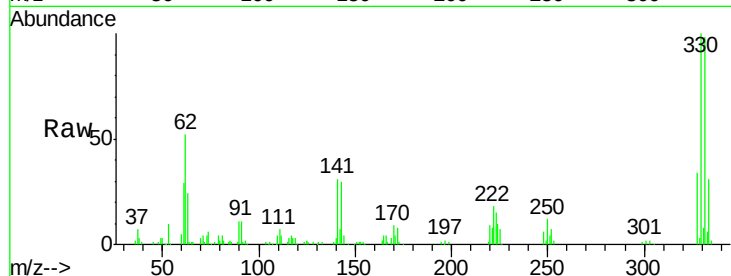




#41
 2,4,6-Tribromophenol
 Concen: 70.58 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098302.D
 Acq: 7 Sep 2017 5:32

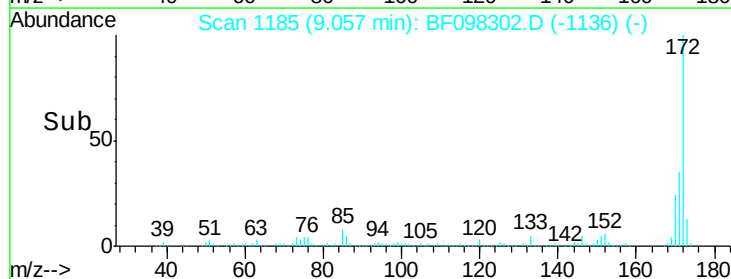
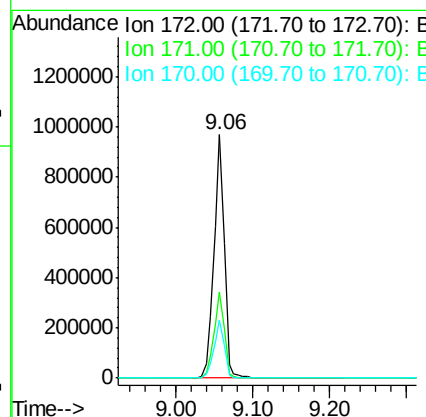
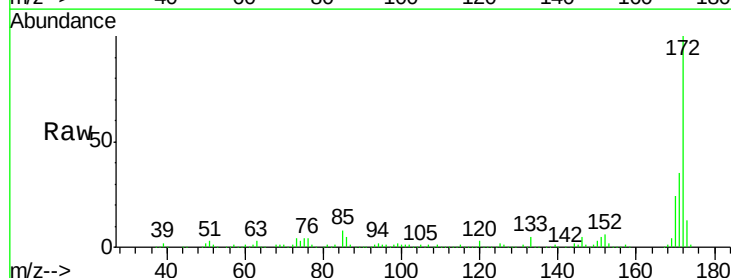
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BL

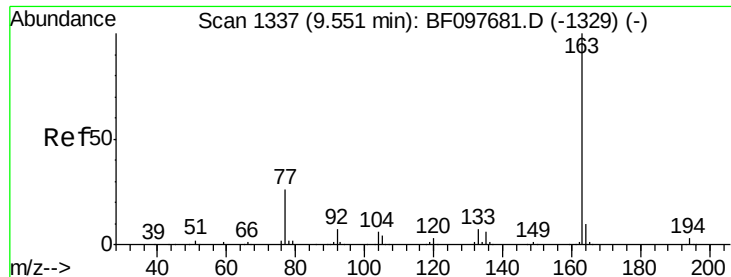
Tot Ion:330 Resp: 88543
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 38.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 91.54 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098302.D
 Acq: 7 Sep 2017 5:32

Tgt Ion:172 Resp: 900881
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 24.0 19.8 29.8





#49

Dimethylphthalate

Concen: 3.68 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.26 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

Instrument :

BNA_F

ClientSampleId :

PB102084BL

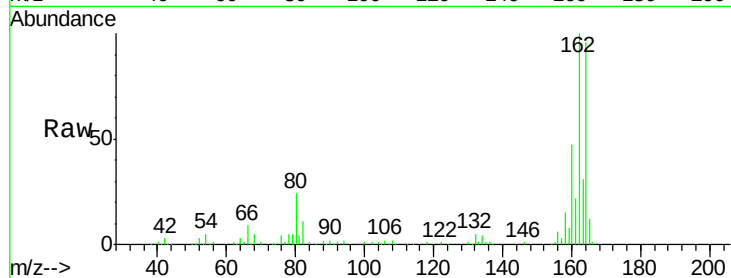
Tot Ion:163 Resp: 38933

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

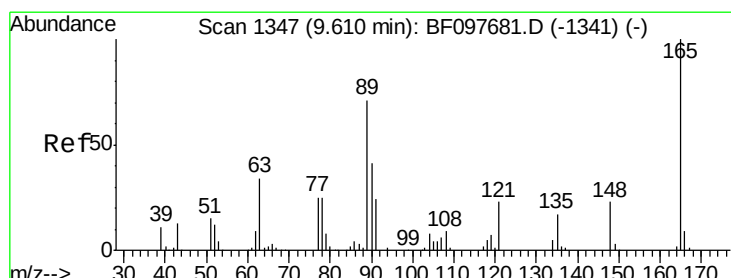
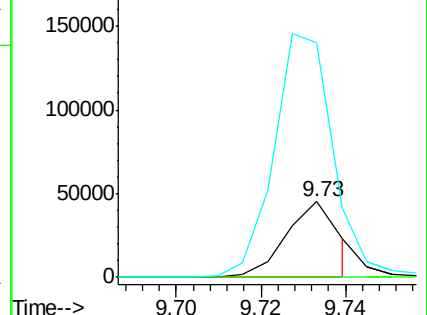
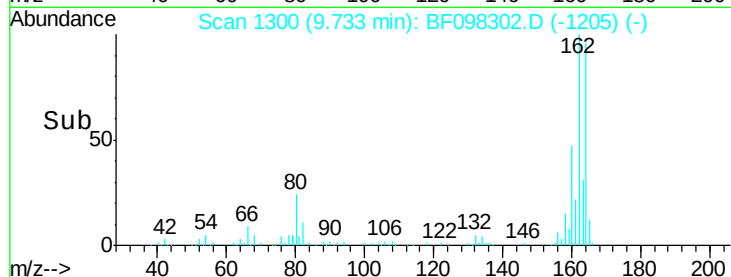
164 310.0 8.4 12.6#



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: 8.97 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.19 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

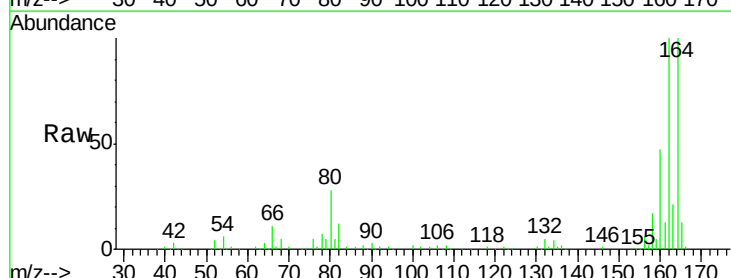
Tgt Ion:165 Resp: 18924

Ion Ratio Lower Upper

165 100

63 2.0 34.3 51.5#

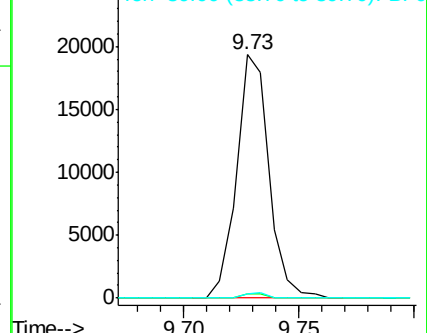
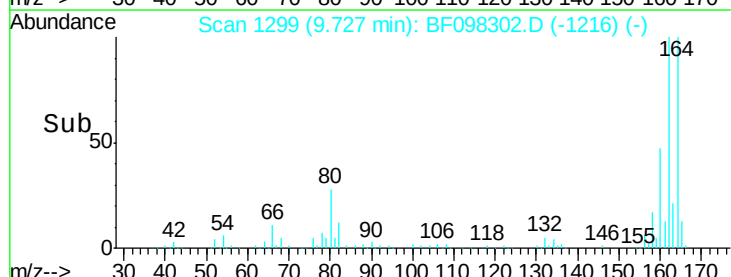
89 1.9 37.1 55.7#

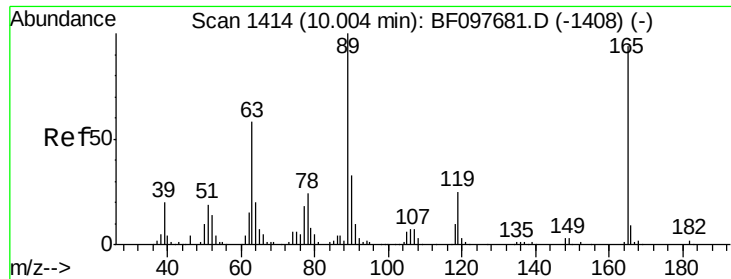


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

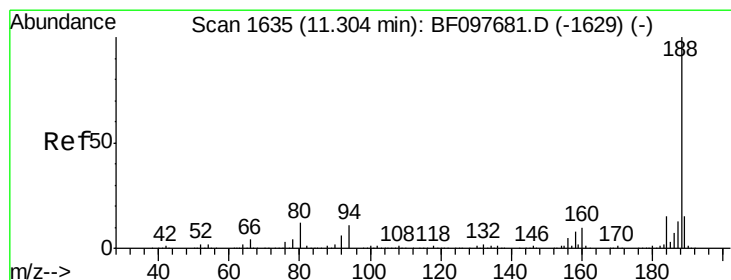
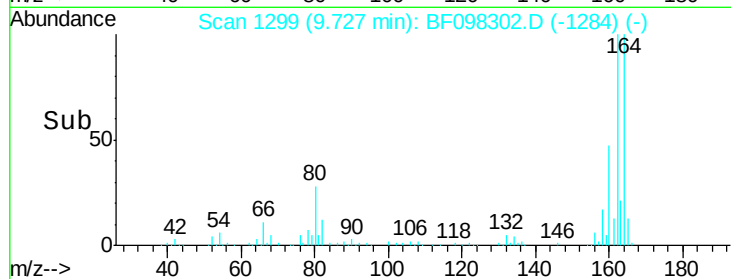
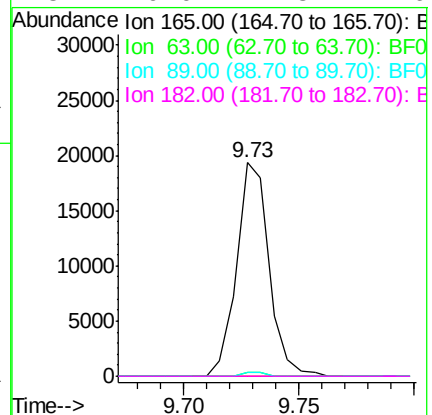
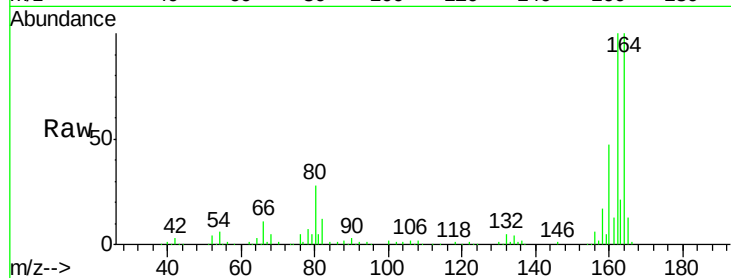




#56
 2,4-Dinitrotoluene
 Concen: 7.15 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF098302.D
 Acq: 7 Sep 2017 5:32

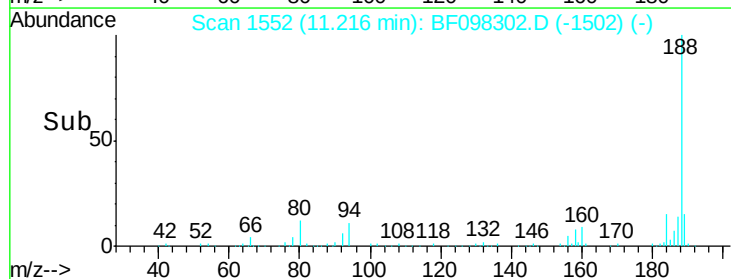
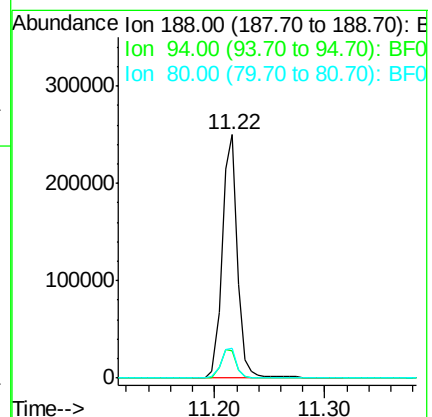
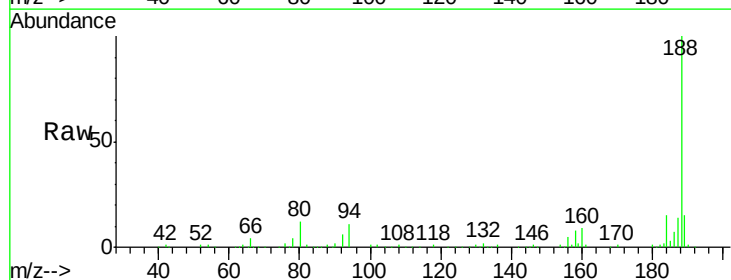
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BL

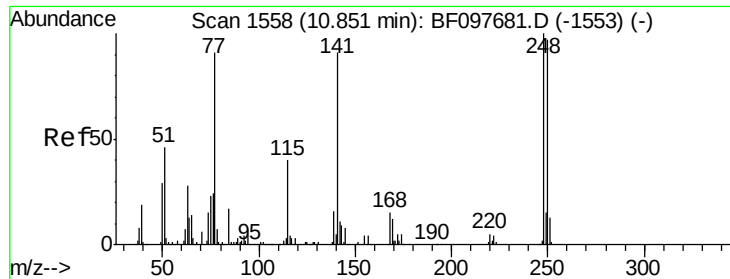
Tot Ion:	165	Resp:	18924
Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF098302.D
 Acq: 7 Sep 2017 5:32

Tgt Ion:	188	Resp:	238690
Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	12.2	10.2	15.2

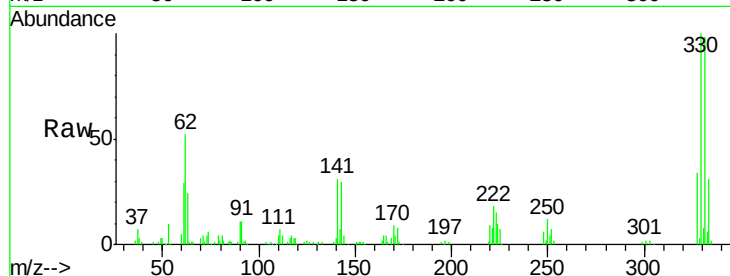




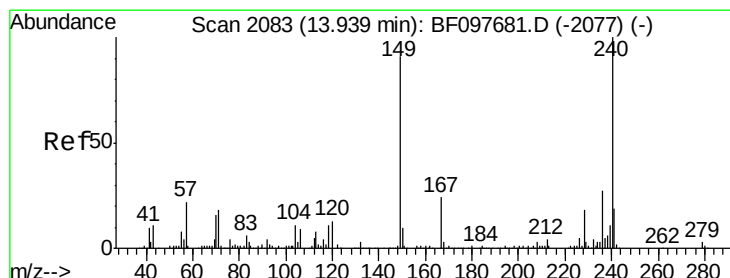
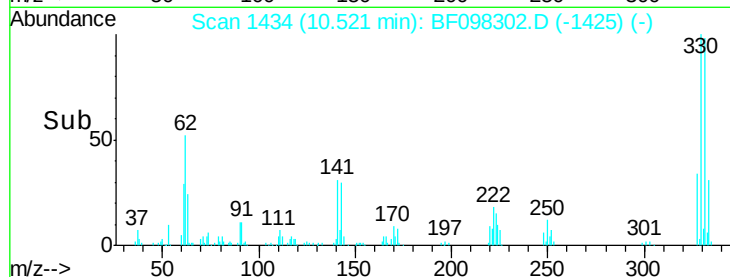
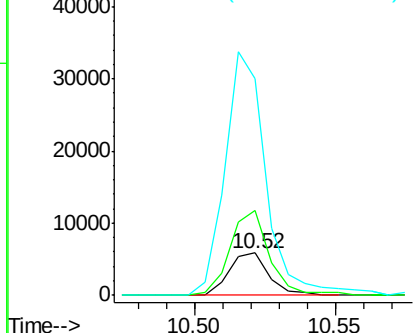
#66
 4-Bromophenyl-phenylether
 Concen: 2.29 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF098302.D
 Acq: 7 Sep 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BL

Tot Ion:248 Resp: 5674
 Ion Ratio Lower Upper
 248 100
 250 202.6 76.8 115.2#
 141 516.1 68.6 103.0#

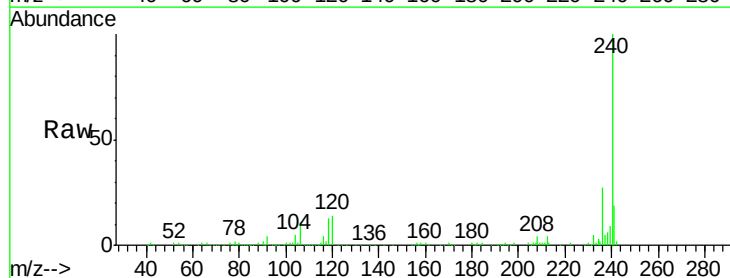


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

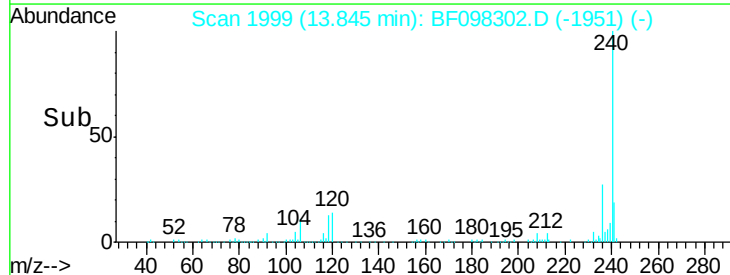
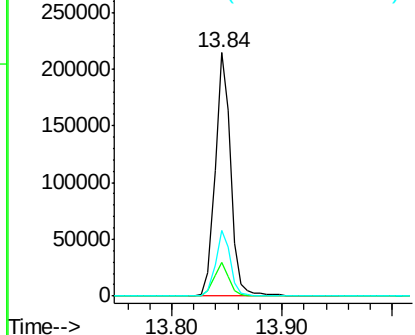


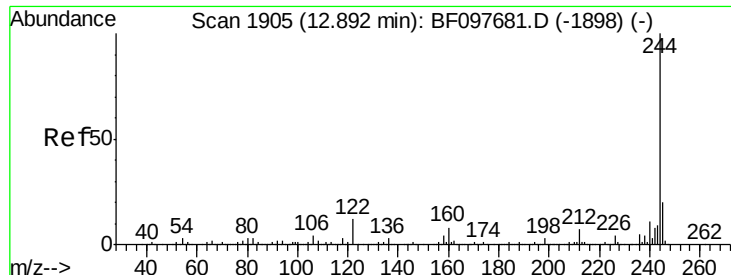
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF098302.D
 Acq: 7 Sep 2017 5:32

Tgt Ion:240 Resp: 206594
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.8 8.8#
 236 26.9 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: 63.71 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

Instrument :

BNA_F

ClientSampleId :

PB102084BL

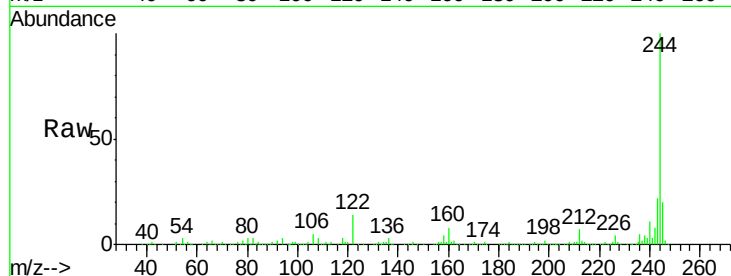
Tot Ion:244 Resp: 631162

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

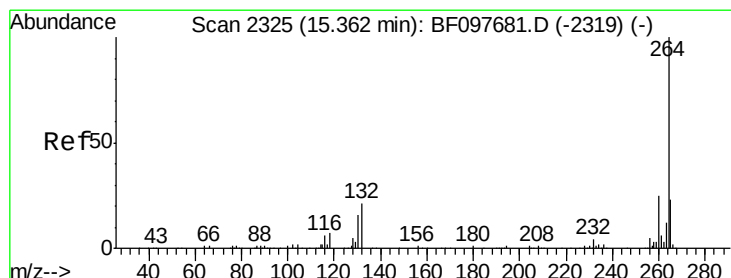
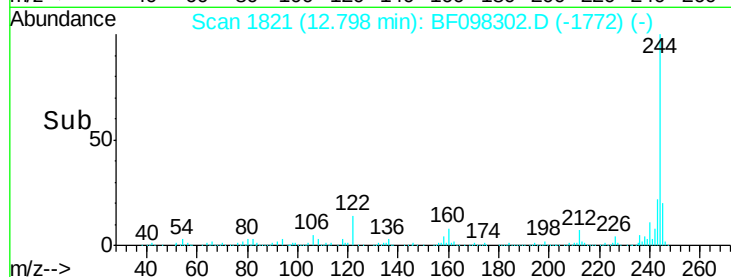
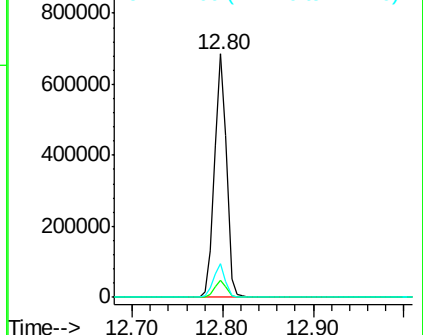
122 13.8 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

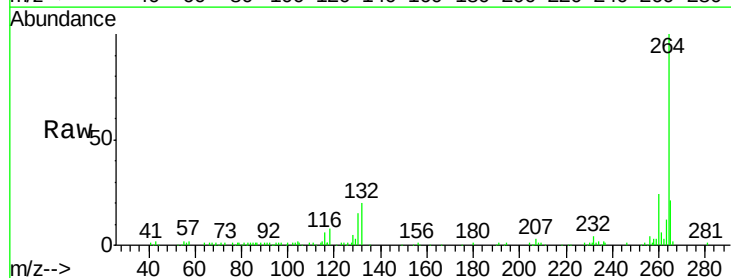
Tgt Ion:264 Resp: 139516

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 20.9 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

