

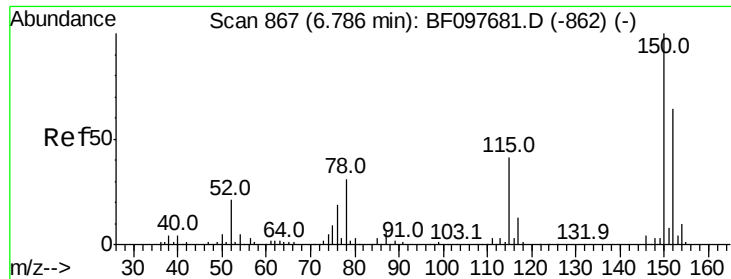
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090217\
 Data File : BF098261.D
 Acq On : 2 Sep 2017 22:24
 Operator : SJ/JU
 Sample : I5055-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 07:28:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	110808	20.00	ng	-0.04
21) Naphthalene-d8	7.99	136	416716	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	162300	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	267664	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	281879	20.00	ng	-0.03
86) Perylene-d12	15.28	264	222538	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	816071	112.02	ng	-0.02
7) Phenol-d6	6.36	99	1091279	110.25	ng	-0.03
23) Nitrobenzene-d5	7.28	82	649649	84.69	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	162504	115.40	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	923802	83.63	ng	-0.04
78) Terphenyl-d14	12.82	244	735285	54.40	ng	-0.03
Target Compounds						
10) Phenol	6.37	94	25639	2.215	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	85436	12.609	ng	# 69
25) Isophorone	7.28	82	640529	40.157	ng	# 67
49) Dimethylphthalate	9.47	163	110490	9.313	ng	98
61) 4-Nitroaniline	10.20	138	8282	2.852	ng	85
64) 4,6-Dinitro-2-methylphenol	10.39	198	230	8.471	ng	# 1

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

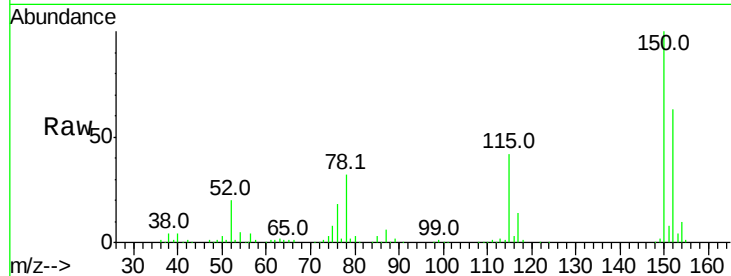


#1

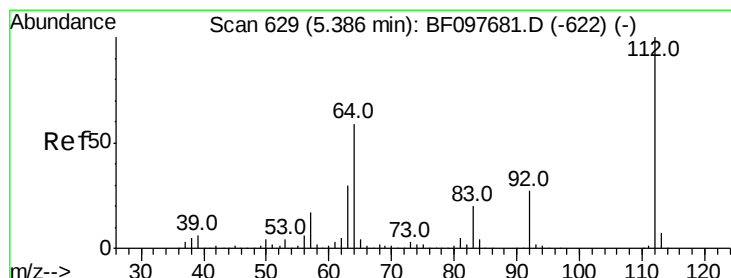
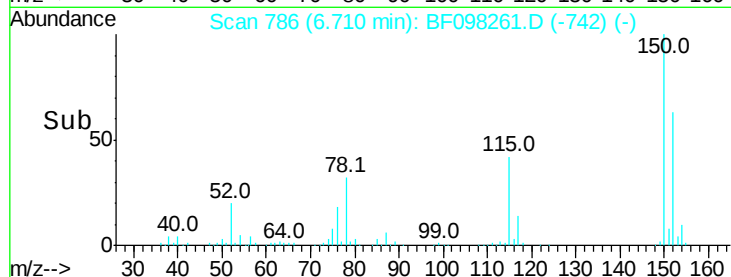
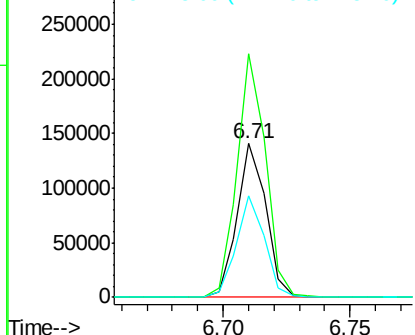
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.04 min
Lab File: BF098261.D
Acq: 2 Sep 2017 22:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110808
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 66.5 52.2 78.2



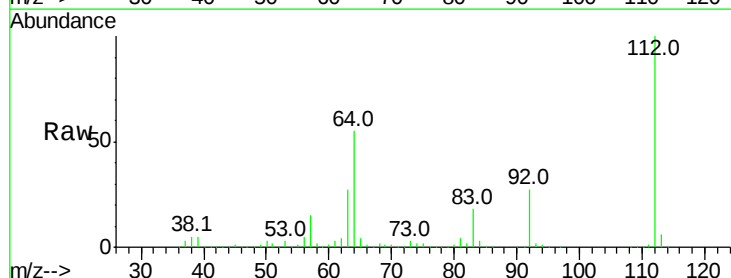
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



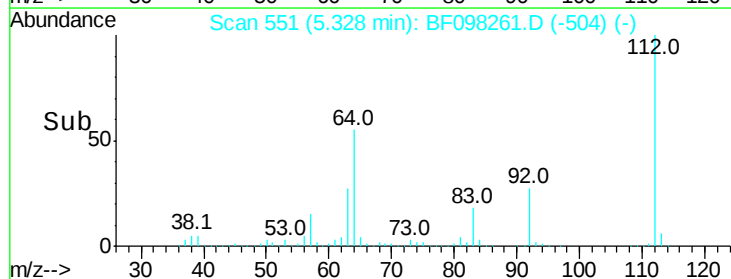
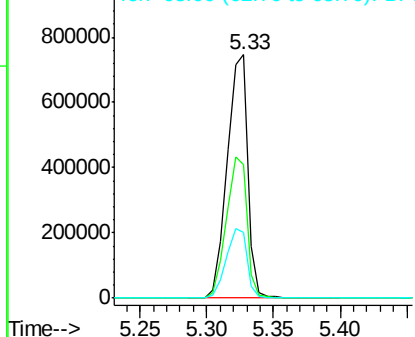
#5

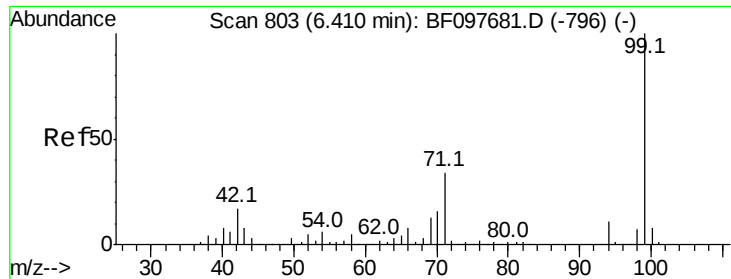
2-Fluorophenol
Concen: 112.023 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098261.D
Acq: 2 Sep 2017 22:24

Tgt Ion:112 Resp: 816071
Ion Ratio Lower Upper
112 100
64 55.0 46.0 69.0
63 27.1 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: 110.252 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098261.D

Acq: 2 Sep 2017 22:24

Instrument :

BNA_F

ClientSampled :

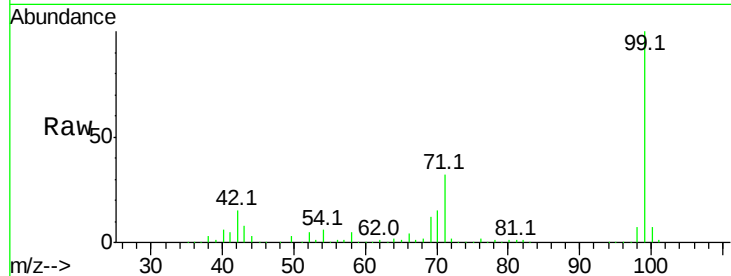
Tot Ion: 99 Resp: 1091279

Ion Ratio Lower Upper

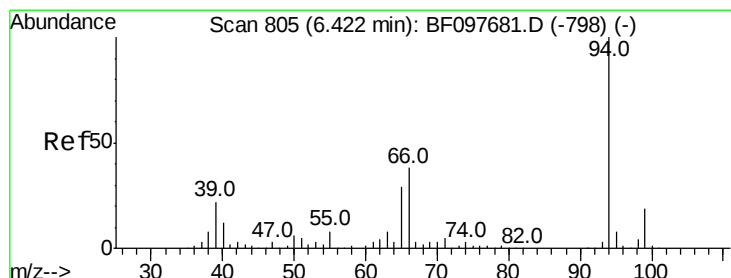
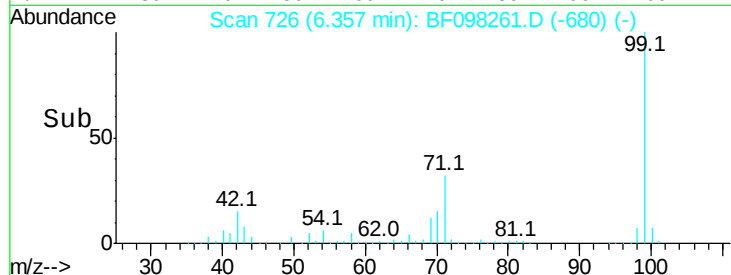
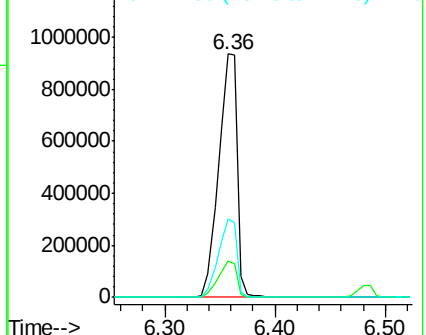
99 100

42 14.9 13.5 20.3

71 32.4 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



#10

Phenol

Concen: 2.215 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF098261.D

Acq: 2 Sep 2017 22:24

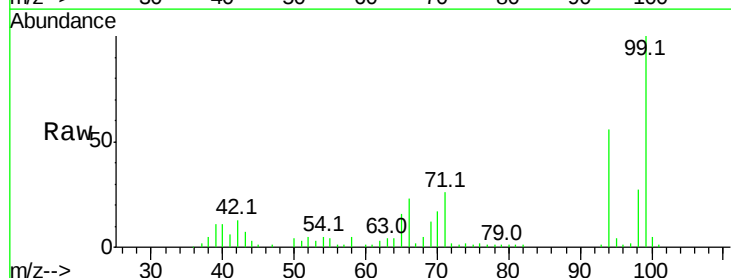
Tgt Ion: 94 Resp: 25639

Ion Ratio Lower Upper

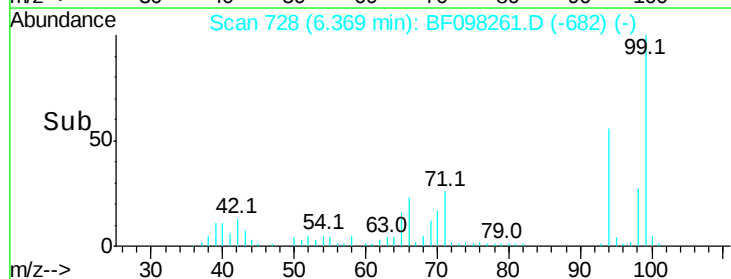
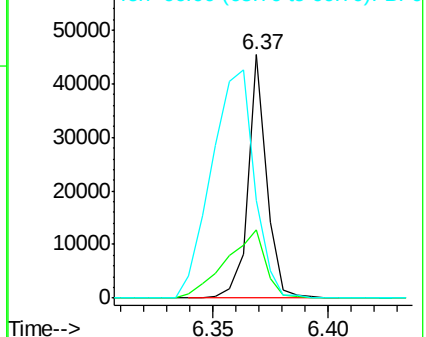
94 100

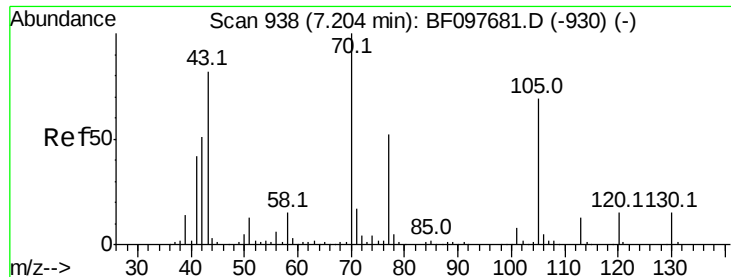
65 27.9 9.9 49.9

66 40.2 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

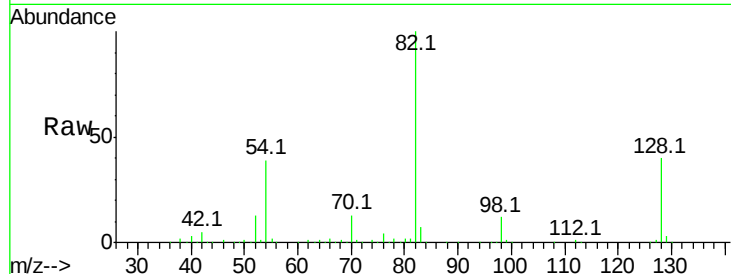




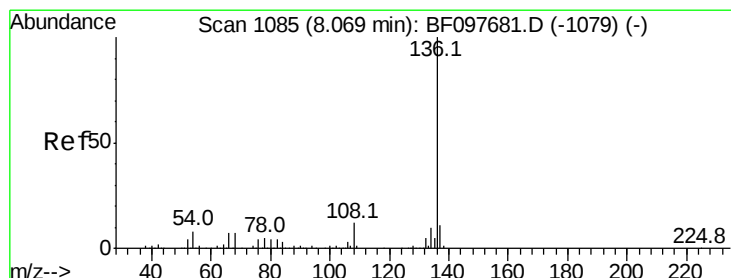
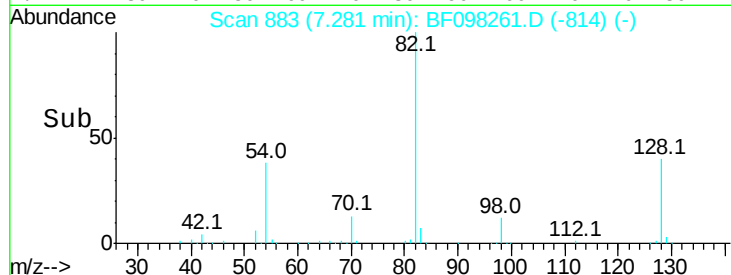
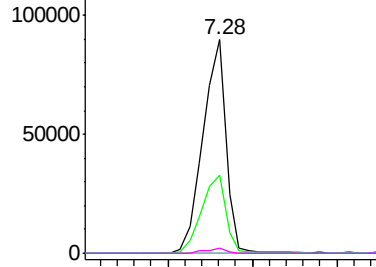
#19
n-Nitroso-di-n-propylamine
Concen: 12.609 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.11 min
Lab File: BF098261.D
Acq: 2 Sep 2017 22:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 85436
Ion Ratio Lower Upper
70 100
42 36.9 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#

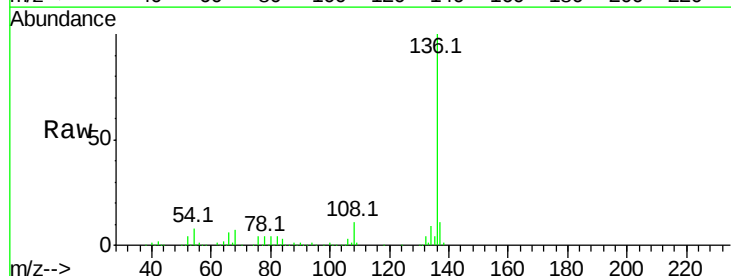


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

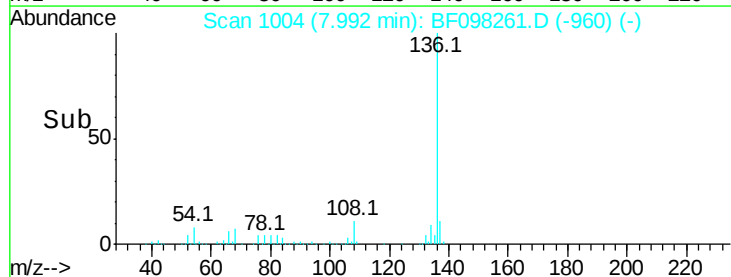
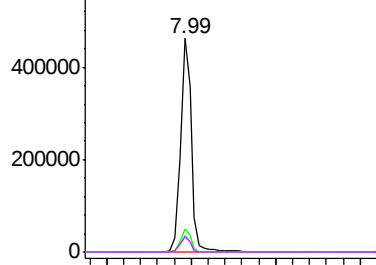


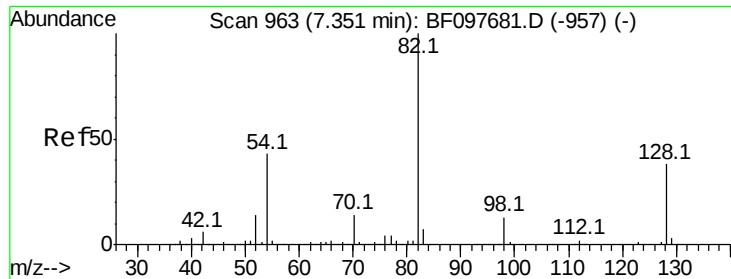
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF098261.D
Acq: 2 Sep 2017 22:24

Tgt Ion:136 Resp: 416716
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.8 4.9 7.3#
68 7.5 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

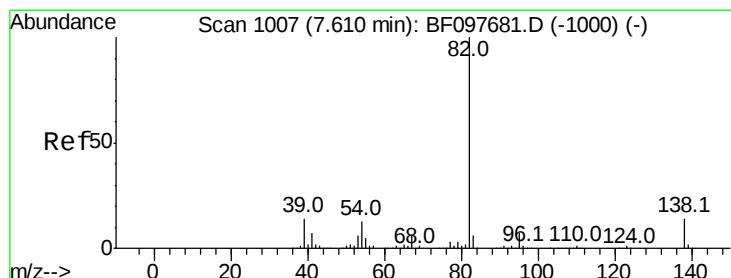
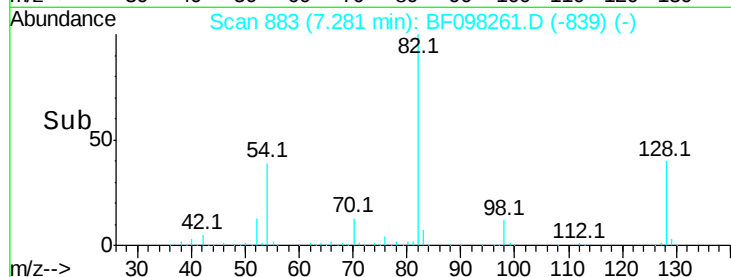
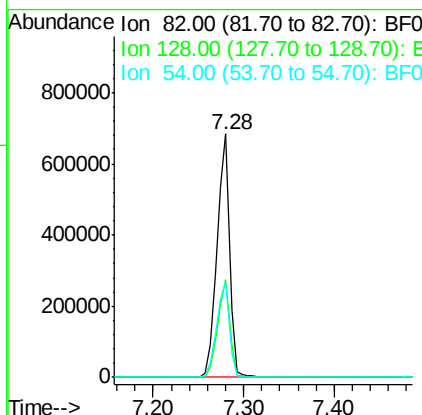
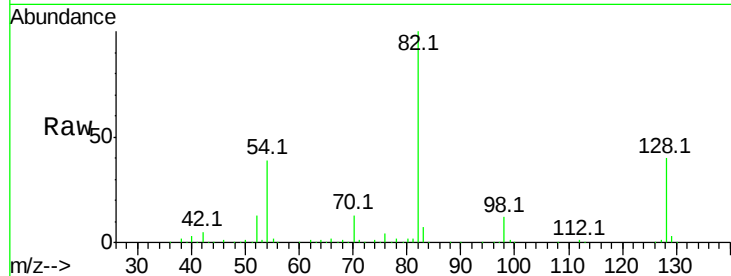




#23
 Nitrobenzene-d5
 Concen: 84.691 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.04 min
 Lab File: BF098261.D
 Acq: 2 Sep 2017 22:24

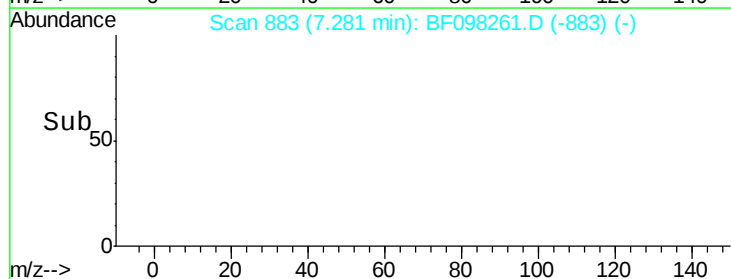
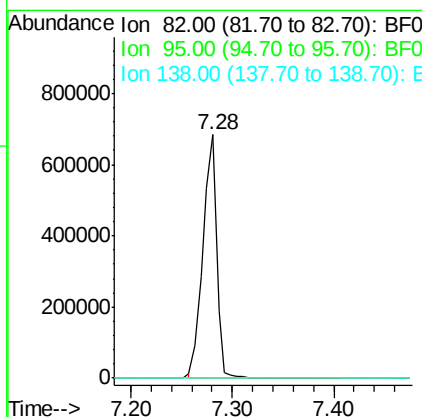
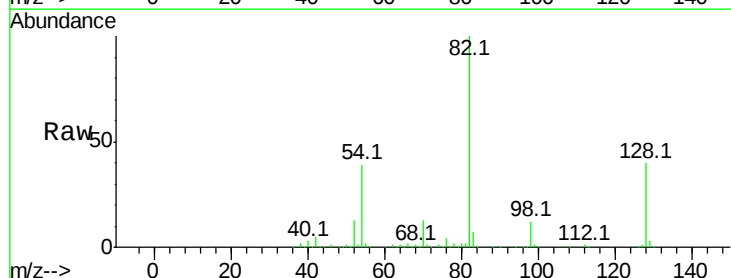
Instrument :
 BNA_F
 ClientSampleId :

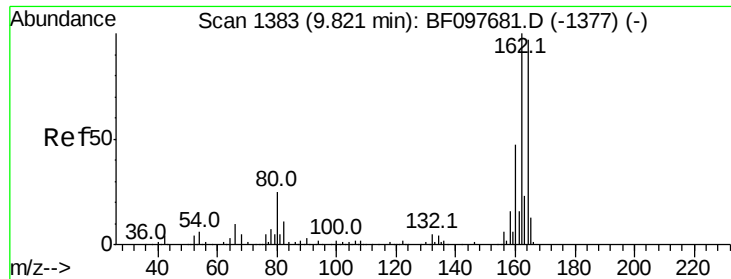
Tot Ion	82	Resp	649649
Ion Ratio	Lower	Upper	
82	100		
128	40.2	34.0	51.0
54	39.3	42.2	63.2#



#25
 Isophorone
 Concen: 40.157 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.30 min
 Lab File: BF098261.D
 Acq: 2 Sep 2017 22:24

Tgt Ion	82	Resp	640529
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

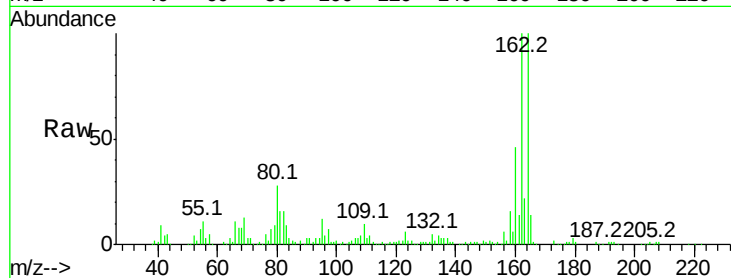




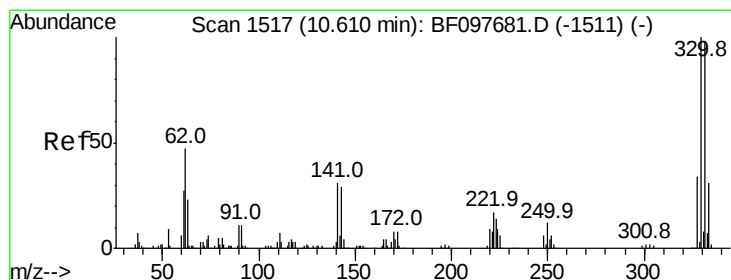
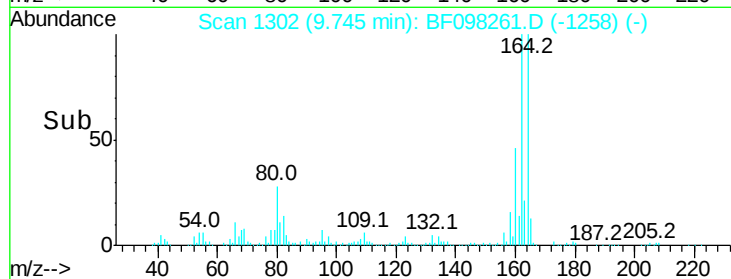
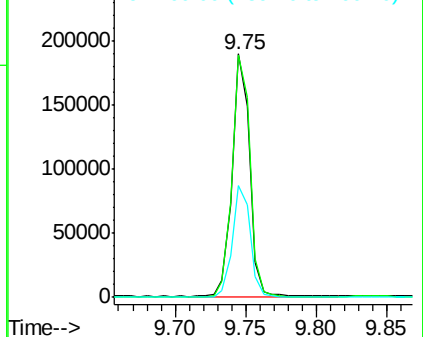
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.04 min
 Lab File: BF098261.D
 Acq: 2 Sep 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 162300
 Ion Ratio Lower Upper
 164 100
 162 99.6 82.6 123.8
 160 46.0 36.2 54.2

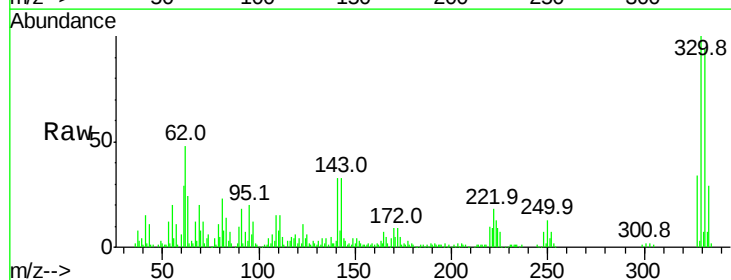


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

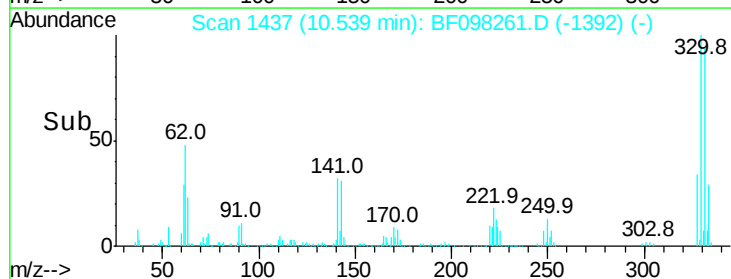
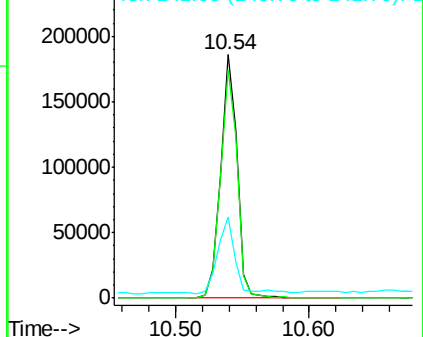


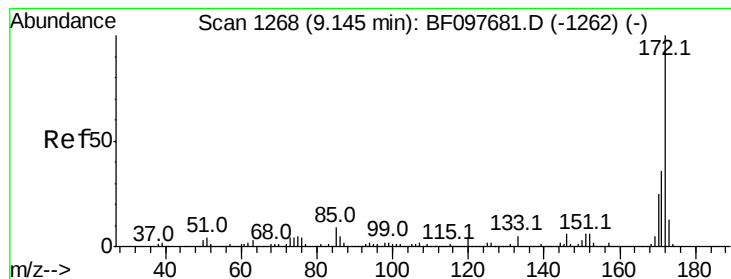
#41
 2,4,6-Tribromophenol
 Concen: 115.397 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.04 min
 Lab File: BF098261.D
 Acq: 2 Sep 2017 22:24

Tgt Ion:330 Resp: 162504
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 31.7 31.4 47.2



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: 83.626 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.04 min

Lab File: BF098261.D

Acq: 2 Sep 2017 22:24

Instrument :

BNA_F

ClientSampleId :

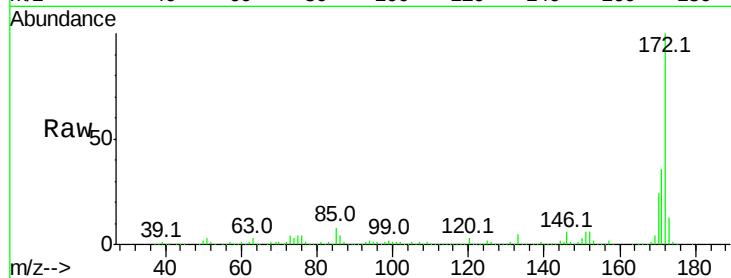
Tot Ion:172 Resp: 923802

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

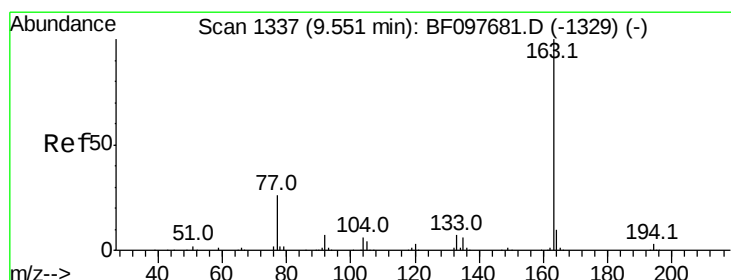
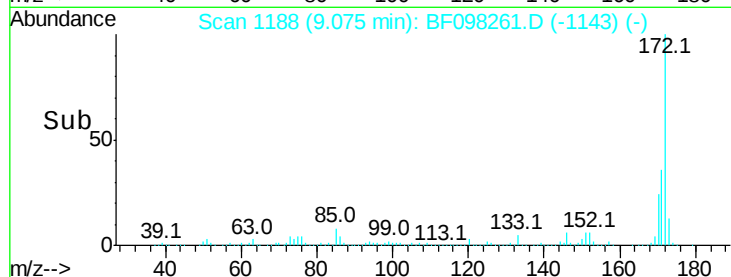
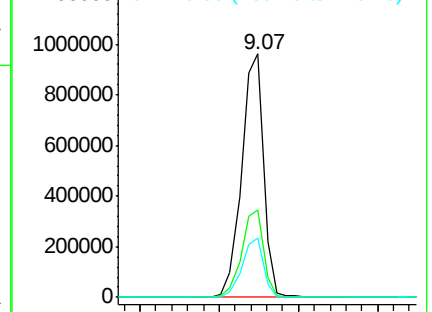
170 24.4 19.8 29.8



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



#49

Dimethylphthalate

Concen: 9.313 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.05 min

Lab File: BF098261.D

Acq: 2 Sep 2017 22:24

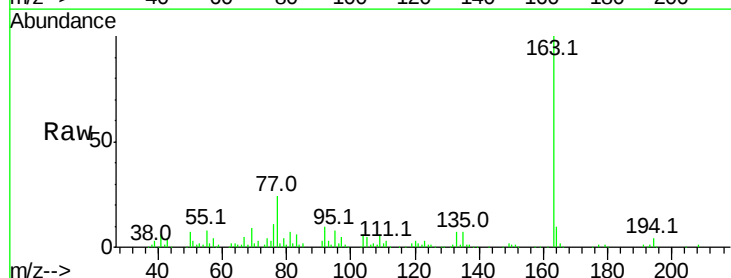
Tgt Ion:163 Resp: 110490

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

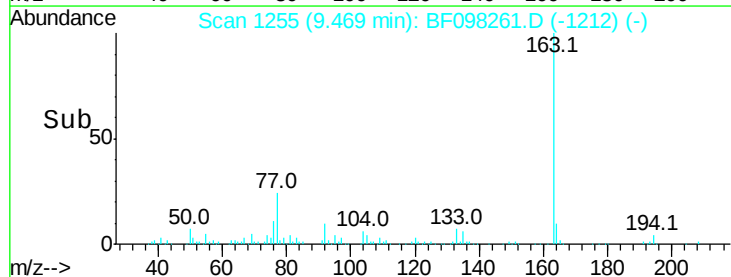
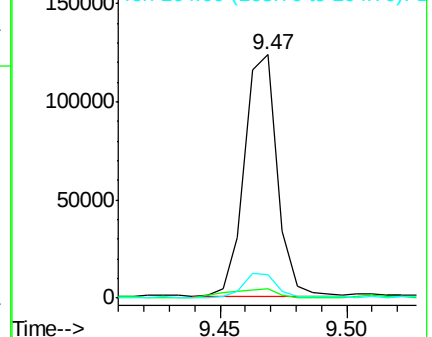
164 9.7 8.4 12.6

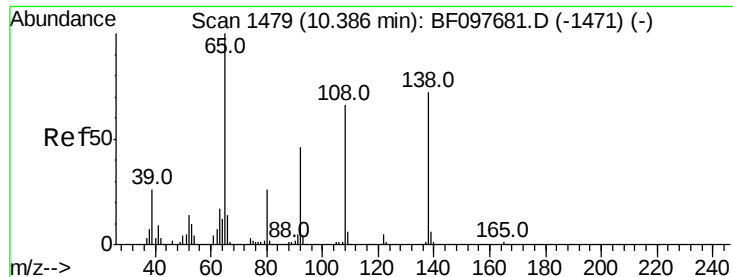


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#61

4-Nitroaniline

Concen: 2.852 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.15 min

Lab File: BF098261.D

Acq: 2 Sep 2017 22:24

Instrument :

BNA_F

ClientSampleId :

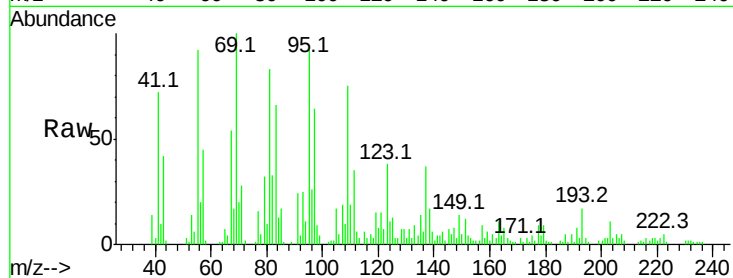
Tot Ion:138 Resp: 8282

Ion Ratio Lower Upper

138 100

92 25.9 21.8 61.8

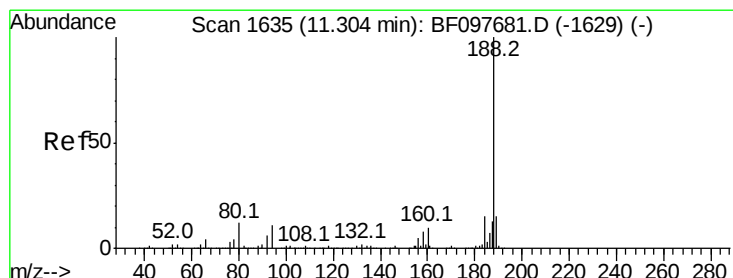
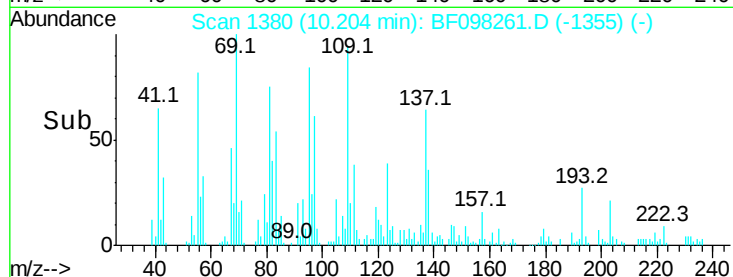
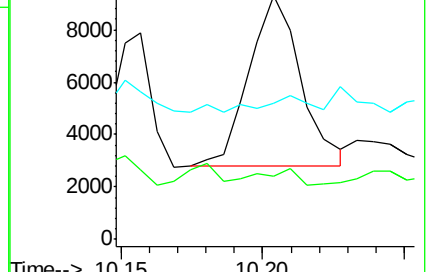
108 55.7 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.03 min

Lab File: BF098261.D

Acq: 2 Sep 2017 22:24

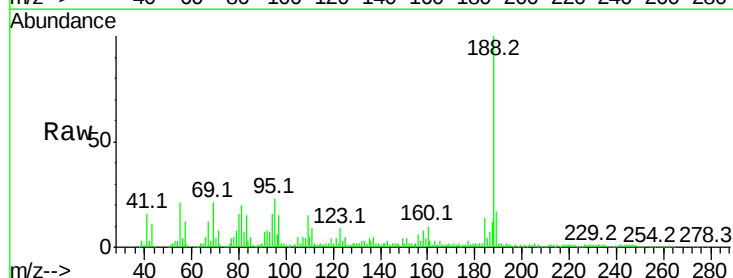
Tgt Ion:188 Resp: 267664

Ion Ratio Lower Upper

188 100

94 15.6 9.4 14.2#

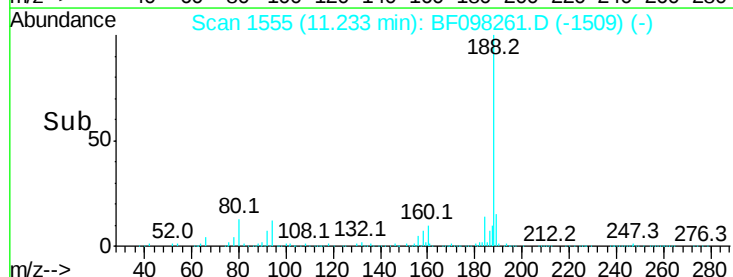
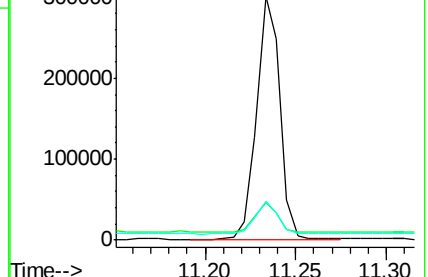
80 15.9 10.2 15.2#

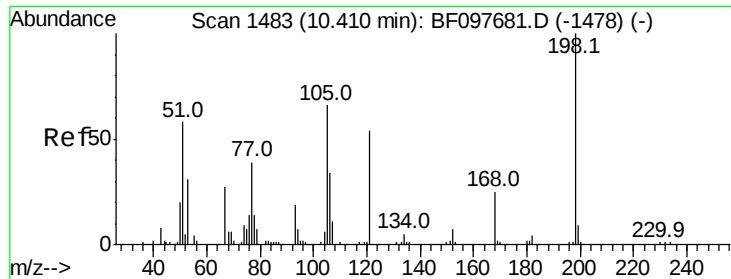


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.471 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.01 min

Lab File: BF098261.D

Acq: 2 Sep 2017 22:24

Instrument :

BNA_F

ClientSampled :

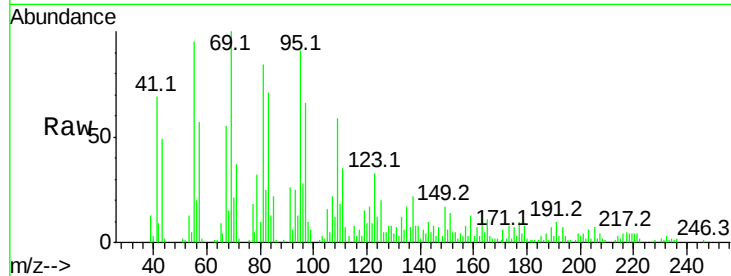
Tot Ion:198 Resp: 230

Ion Ratio Lower Upper

198 100

51 366.1 53.2 93.2#

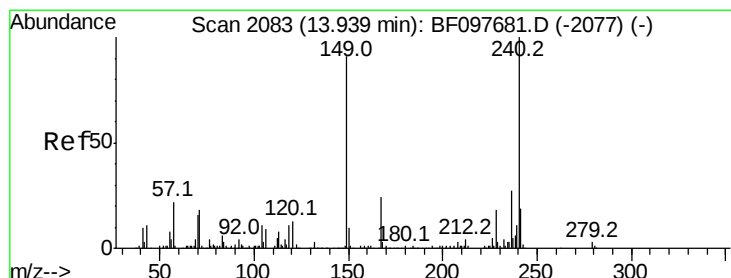
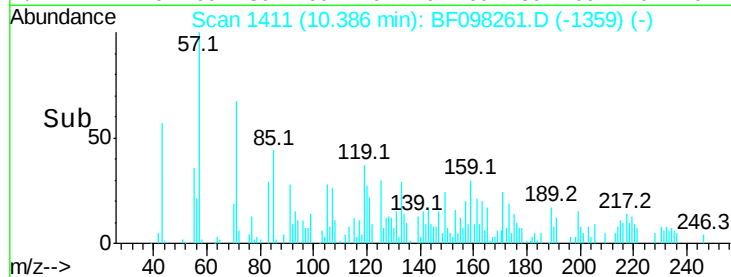
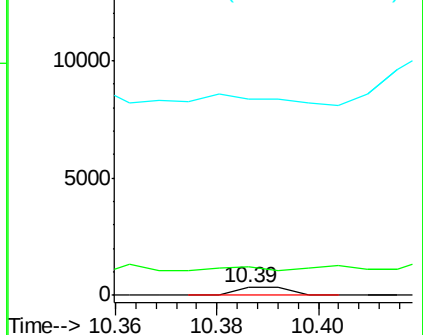
105 2517.1 45.8 85.8#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098261.D

Acq: 2 Sep 2017 22:24

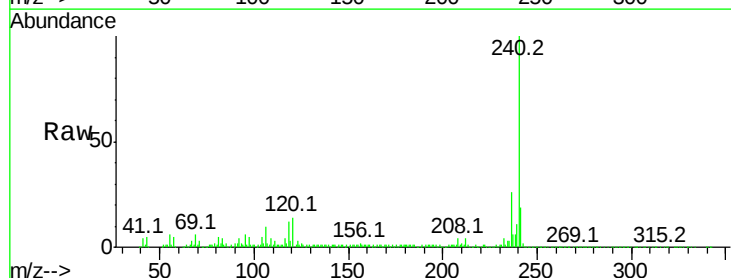
Tgt Ion:240 Resp: 281879

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

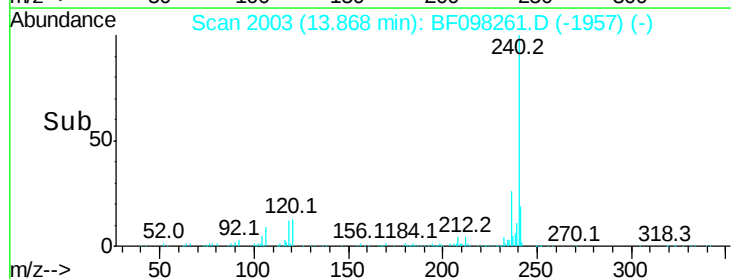
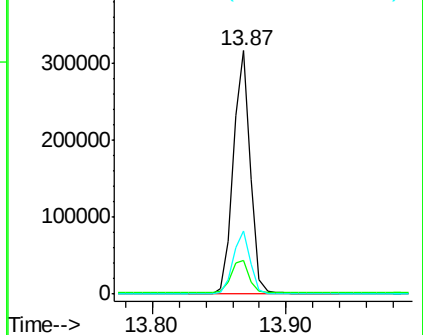
236 26.1 20.5 30.7

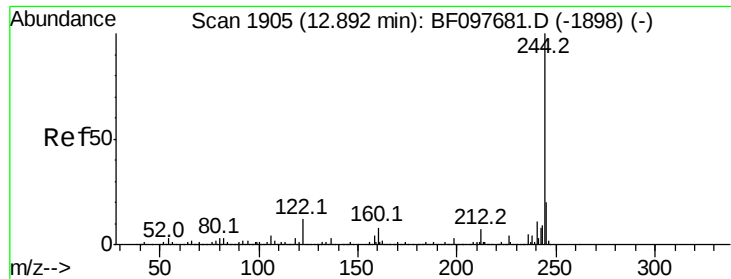


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

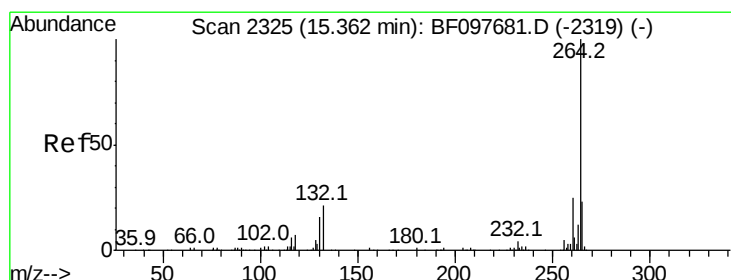
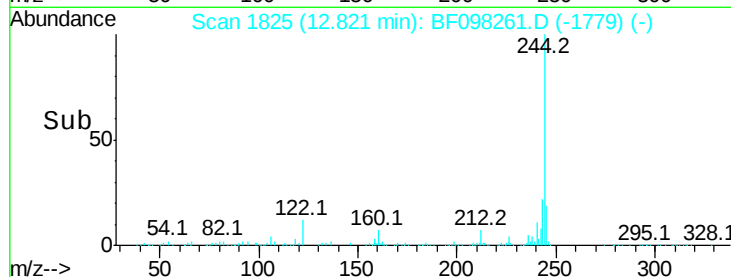
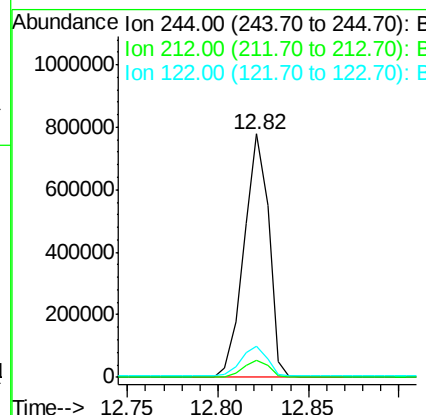
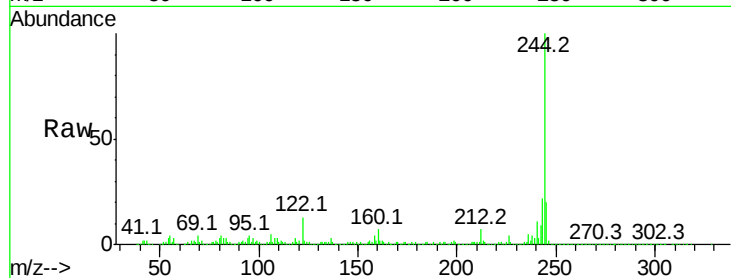




#78
 Terphenyl-d14
 Concen: 54.396 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.03 min
 Lab File: BF098261.D
 Acq: 2 Sep 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 735285
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BF098261.D
 Acq: 2 Sep 2017 22:24

Tgt Ion:264 Resp: 222538
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.9 17.2 25.8

