

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090217\
 Data File : BF098253.D
 Acq On : 2 Sep 2017 18:39
 Operator : SJ/JU
 Sample : I5074-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 07:25:20 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

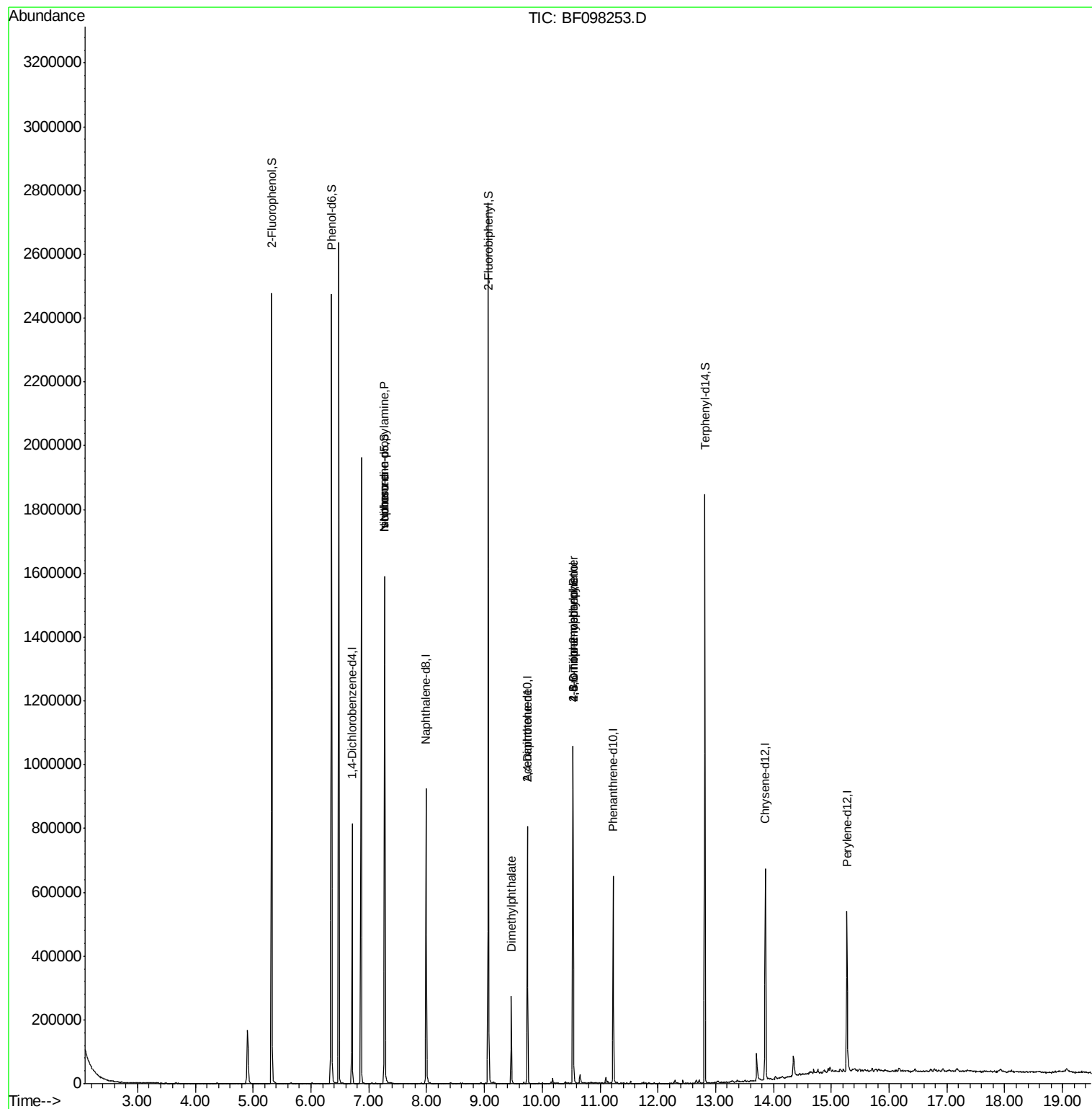
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	103646	20.00	ng	-0.04
21) Naphthalene-d8	7.99	136	392305	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	146075	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	223495	20.00	ng	-0.04
75) Chrysene-d12	13.86	240	223896	20.00	ng	-0.04
86) Perylene-d12	15.27	264	223133	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	708157	103.93	ng	-0.03
7) Phenol-d6	6.36	99	964047	104.13	ng	-0.03
23) Nitrobenzene-d5	7.27	82	600861	83.20	ng	-0.05
41) 2,4,6-Tribromophenol	10.53	330	116439	91.87	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	825969	83.07	ng	-0.04
78) Terphenyl-d14	12.81	244	542794	50.56	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	79386	12.526	ng	# 70
25) Isophorone	7.27	82	587342	39.114	ng	# 67
49) Dimethylphthalate	9.46	163	95526	8.946	ng	100
56) 2,4-Dinitrotoluene	9.75	165	17763	6.641	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.53	198	130	8.423	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	7529	3.244	ng	# 1

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

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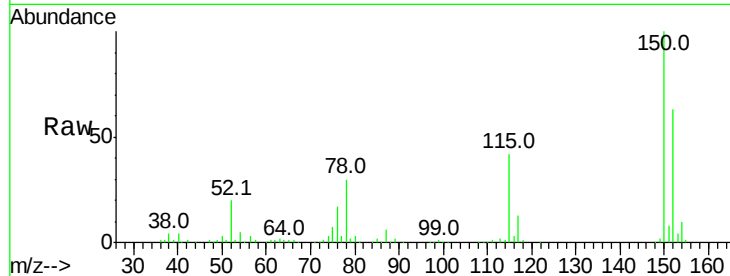


#1

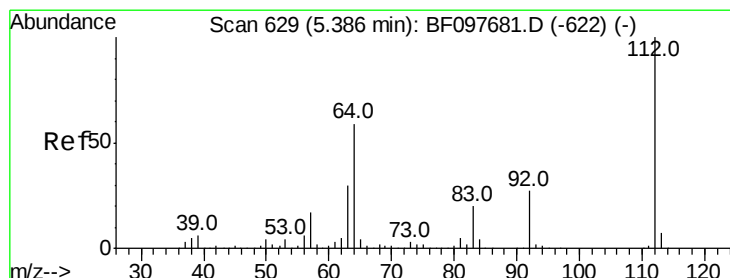
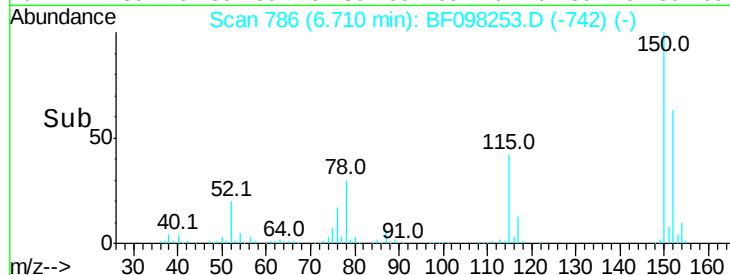
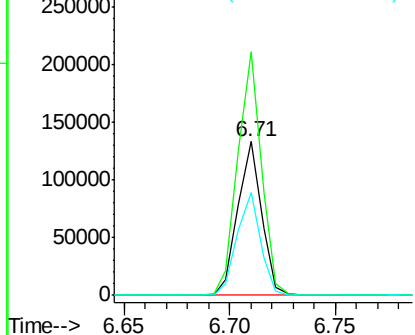
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.04 min
 Lab File: BF098253.D
 Acq: 2 Sep 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 103646
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.2 189.2
 115 66.7 52.2 78.2



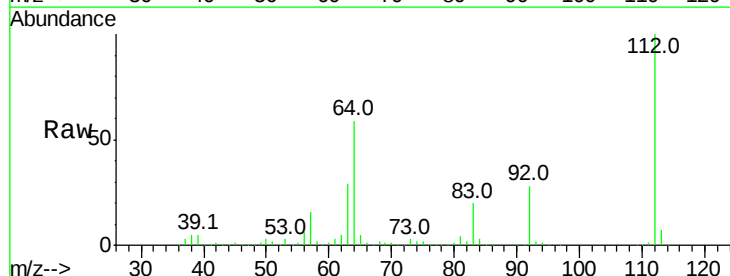
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



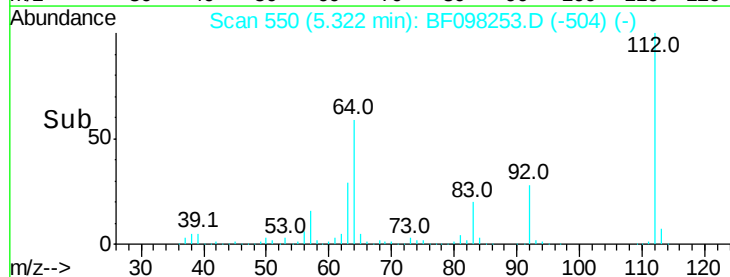
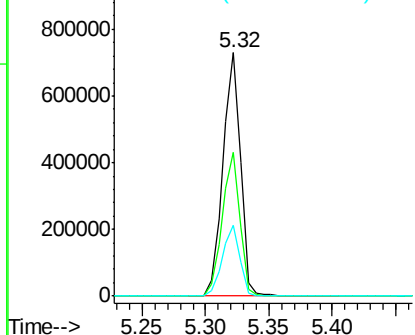
#5

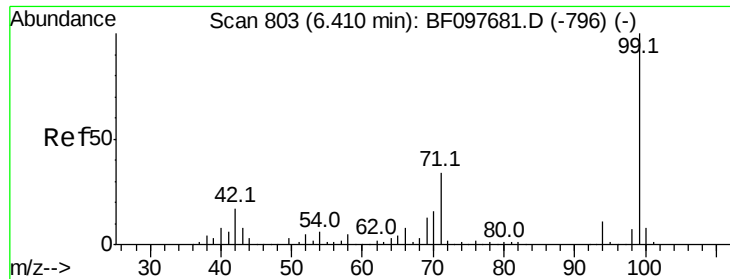
2-Fluorophenol
 Concen: 103.927 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.03 min
 Lab File: BF098253.D
 Acq: 2 Sep 2017 18:39

Tgt Ion:112 Resp: 708157
 Ion Ratio Lower Upper
 112 100
 64 59.1 46.0 69.0
 63 29.1 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: 104.128 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098253.D

Acq: 2 Sep 2017 18:39

Instrument :

BNA_F

ClientSampleId :

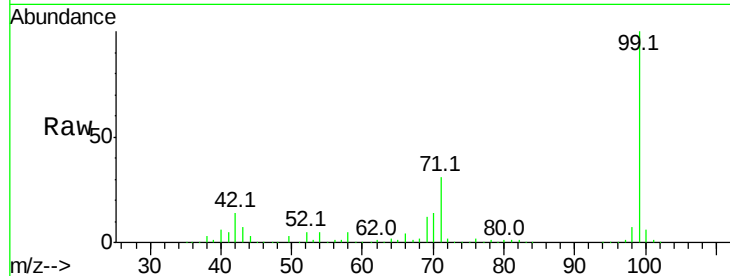
Tot Ion: 99 Resp: 964047

Ion Ratio Lower Upper

99 100

42 14.1 13.5 20.3

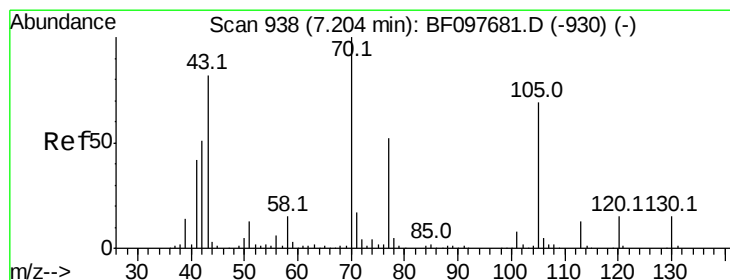
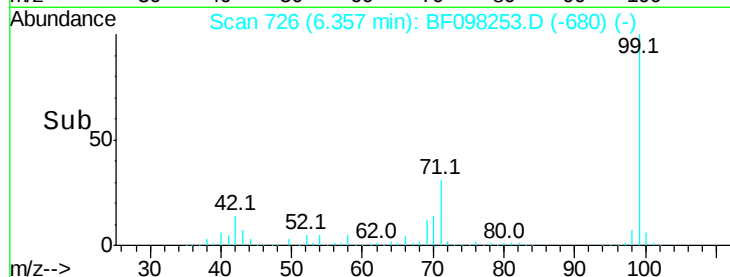
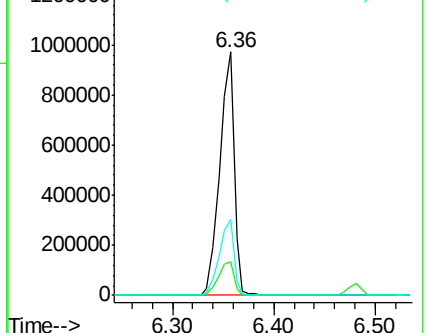
71 31.1 24.5 36.7



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: 12.526 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.10 min

Lab File: BF098253.D

Acq: 2 Sep 2017 18:39

Tgt Ion: 70 Resp: 79386

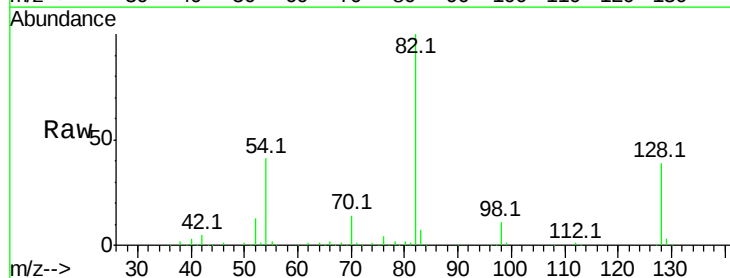
Ion Ratio Lower Upper

70 100

42 38.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

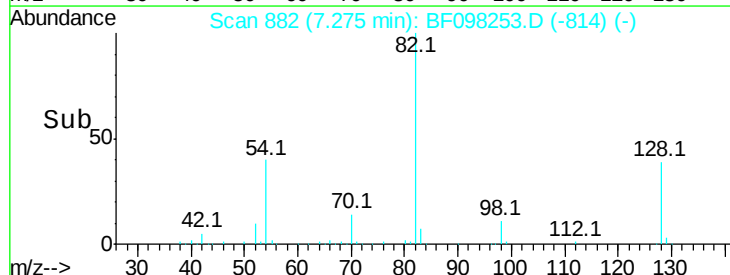
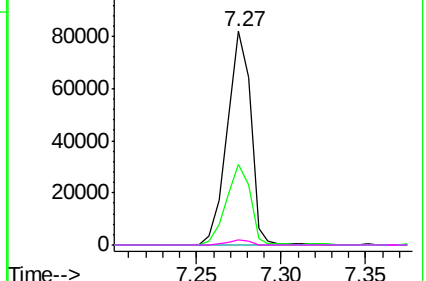


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

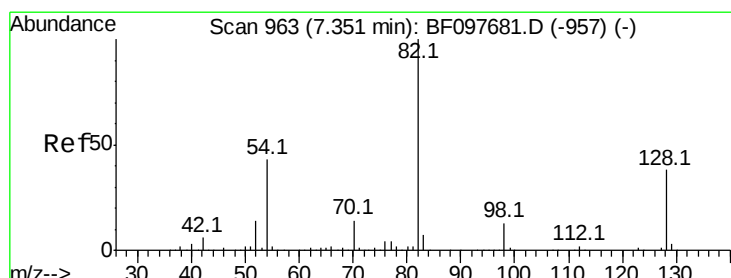
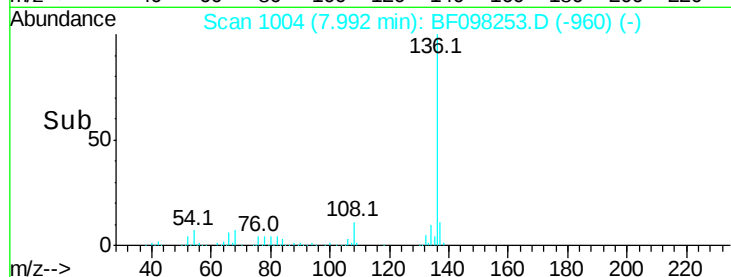
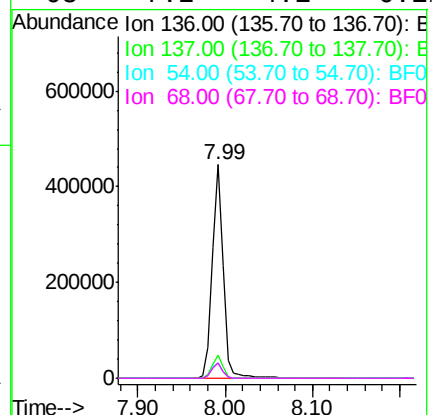
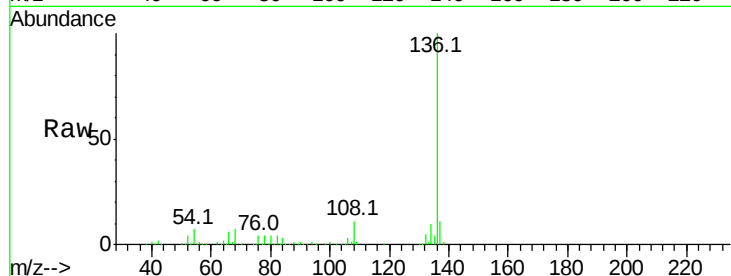




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF098253.D
Acq: 2 Sep 2017 18:39

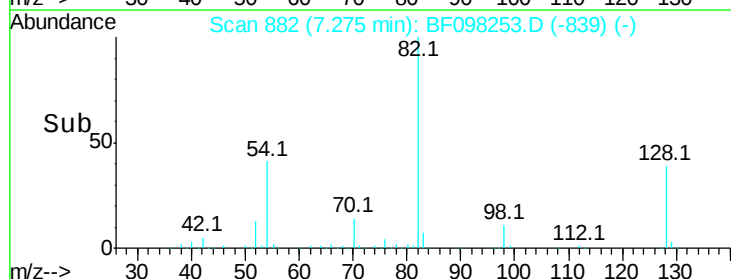
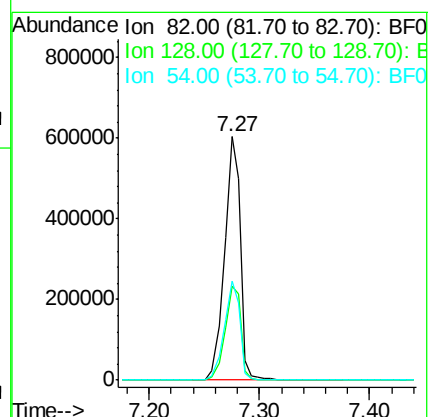
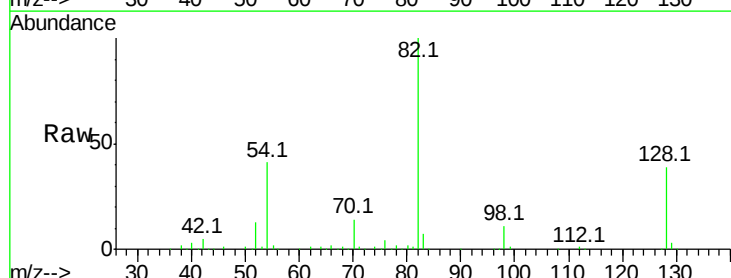
Instrument :
BNA_F
ClientSampleId :

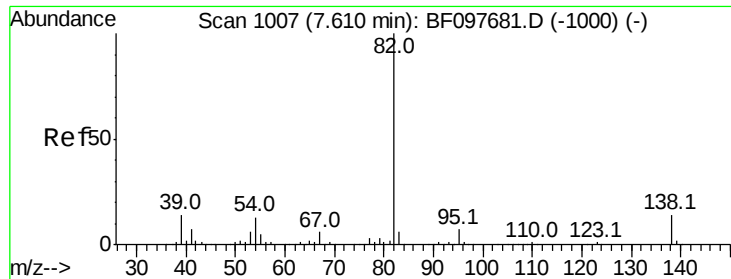
Tot Ion:136	Resp:	392305
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.5	12.7
54 7.4	4.9	7.3#
68 7.2	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 83.204 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.05 min
Lab File: BF098253.D
Acq: 2 Sep 2017 18:39

Tgt Ion: 82	Resp:	600861
Ion Ratio	Lower	Upper
82 100		
128 38.8	34.0	51.0
54 40.8	42.2	63.2#





#25

Isophorone

Concen: 39.114 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.31 min

Lab File: BF098253.D

Acq: 2 Sep 2017 18:39

Instrument :

BNA_F

ClientSampleId :

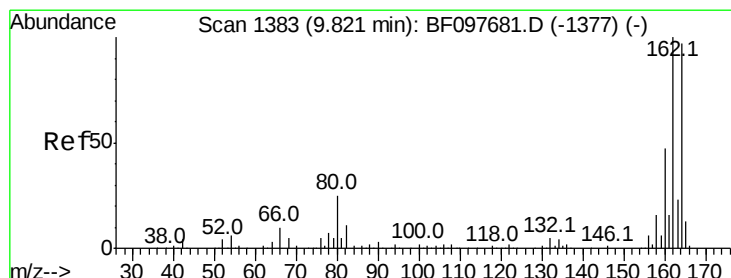
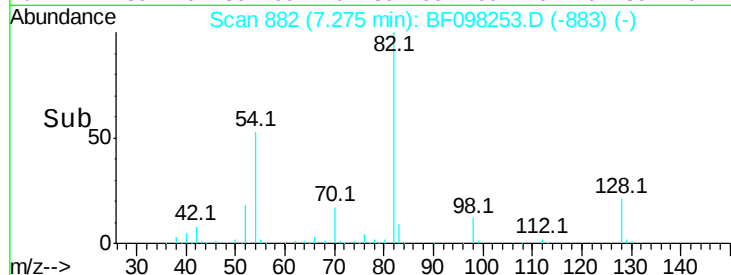
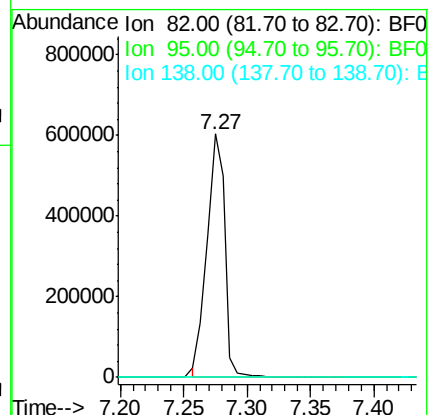
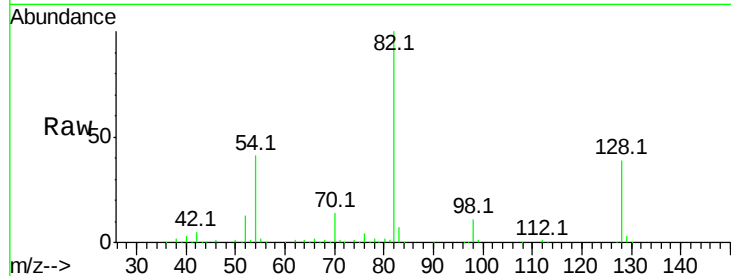
Tot Ion: 82 Resp: 587342

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: BF098253.D

Acq: 2 Sep 2017 18:39

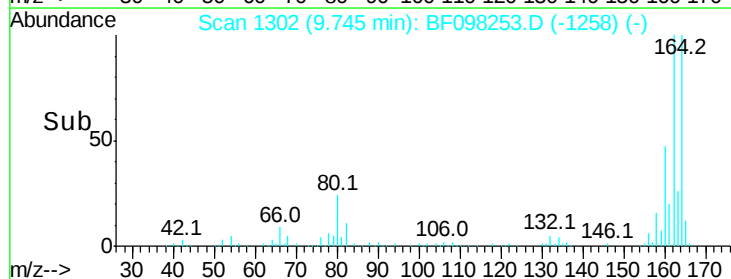
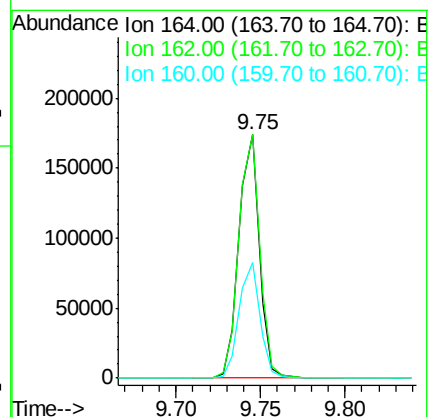
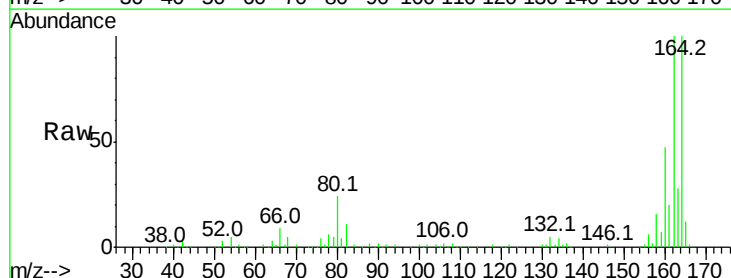
Tgt Ion:164 Resp: 146075

Ion Ratio Lower Upper

164 100

162 100.0 82.6 123.8

160 47.4 36.2 54.2

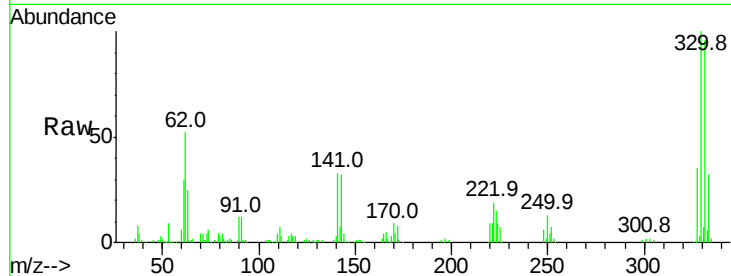




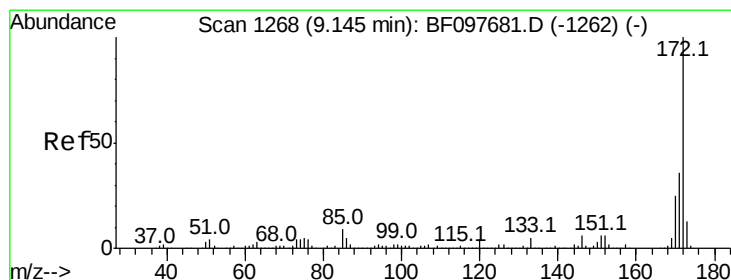
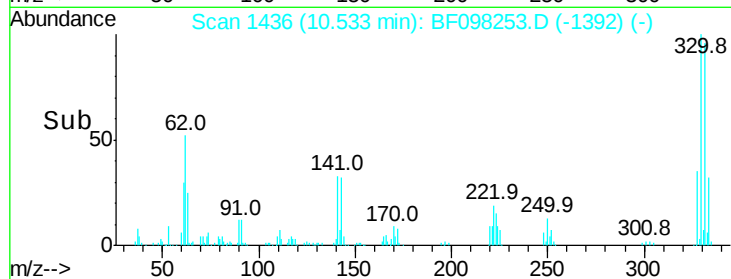
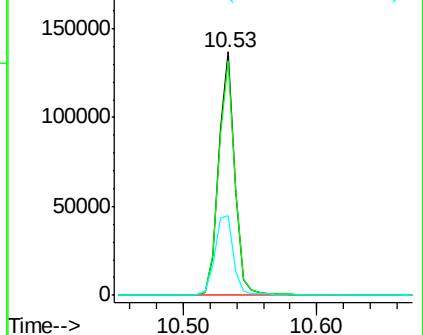
#41
 2,4,6-Tribromophenol
 Concen: 91.870 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.04 min
 Lab File: BF098253.D
 Acq: 2 Sep 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 116439
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 38.2 31.4 47.2

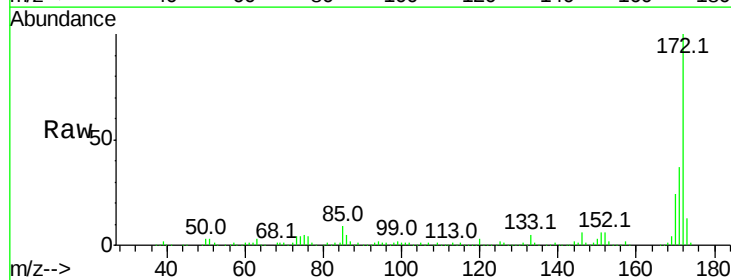


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

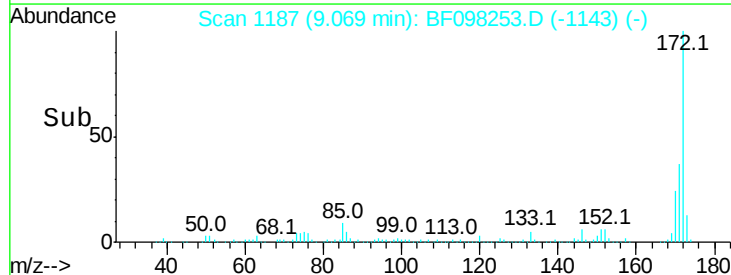
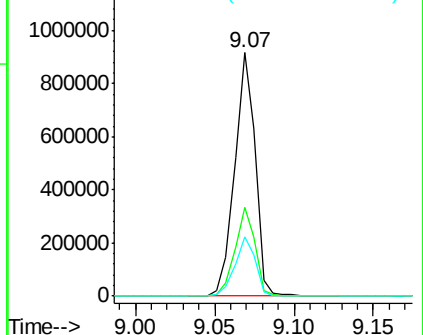


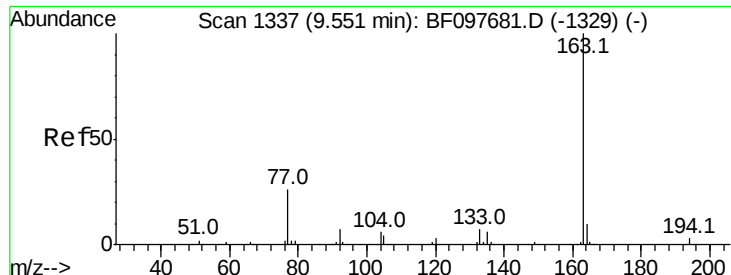
#44
 2-Fluorobiphenyl
 Concen: 83.075 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.04 min
 Lab File: BF098253.D
 Acq: 2 Sep 2017 18:39

Tgt Ion:172 Resp: 825969
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

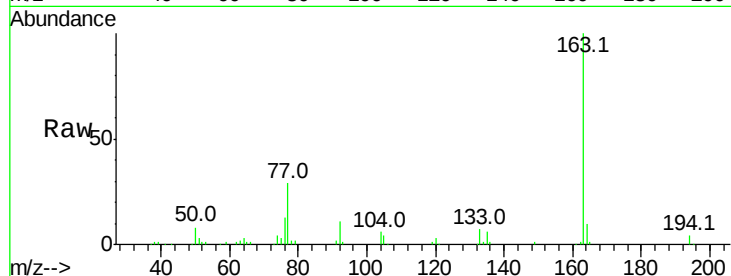




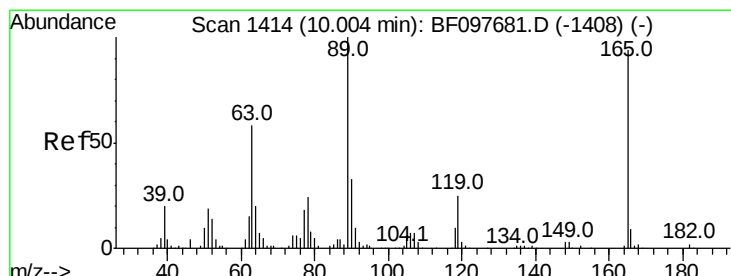
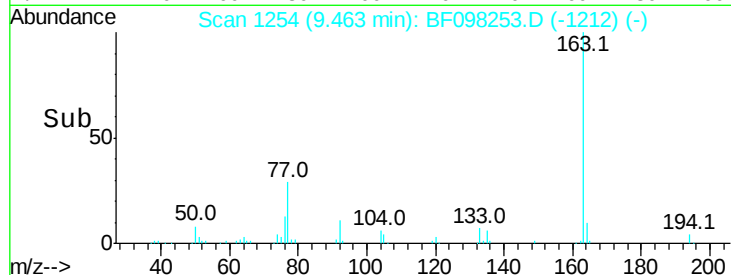
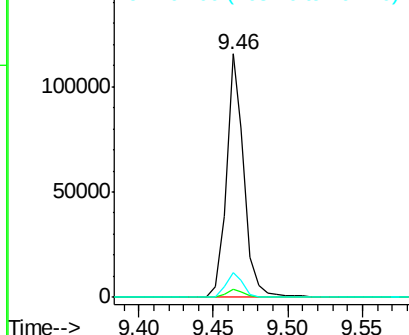
#49
 Dimethylphthalate
 Concen: 8.946 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.05 min
 Lab File: BF098253.D
 Acq: 2 Sep 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.4	8.4	12.6



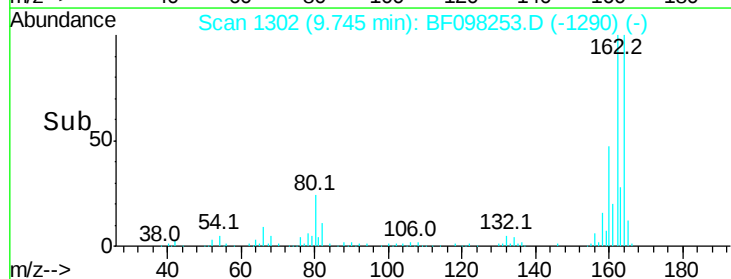
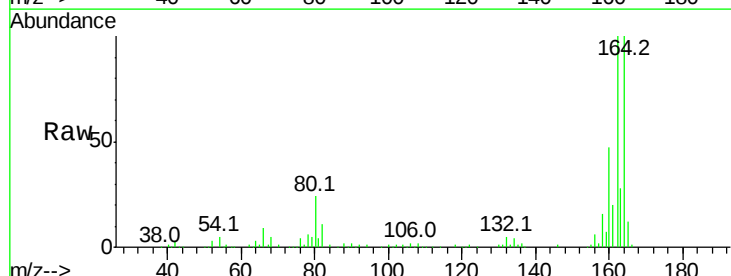
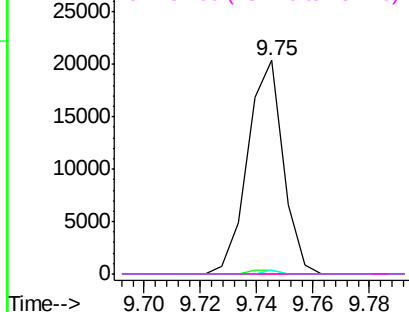
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

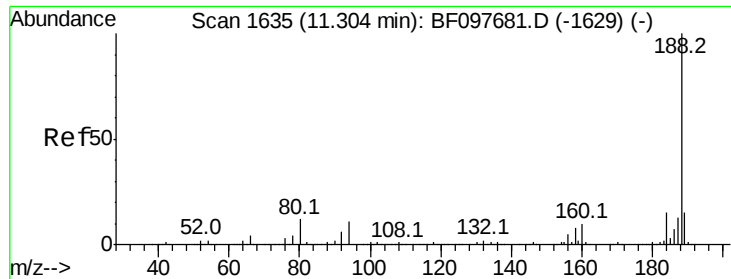


#56
 2,4-Dinitrotoluene
 Concen: 6.641 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.23 min
 Lab File: BF098253.D
 Acq: 2 Sep 2017 18:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

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

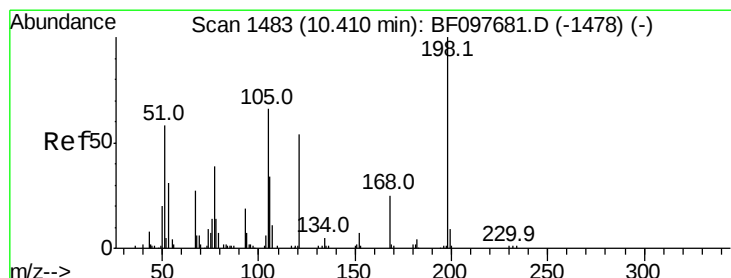
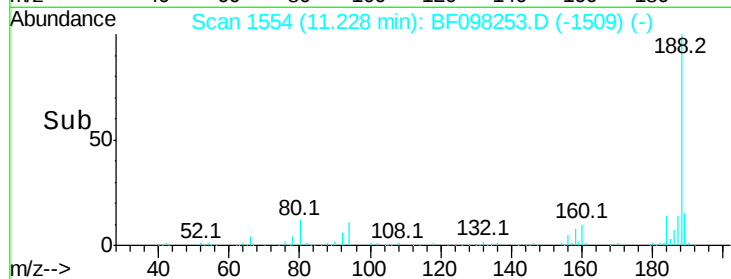
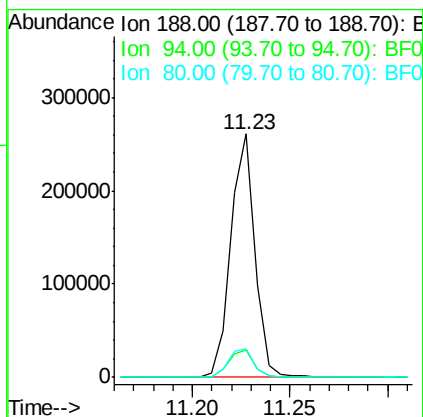
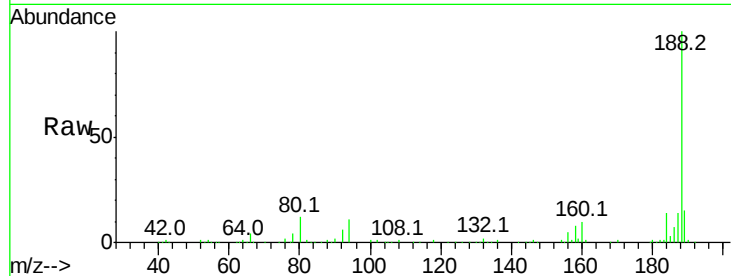




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.04 min
 Lab File: BF098253.D
 Acq: 2 Sep 2017 18:39

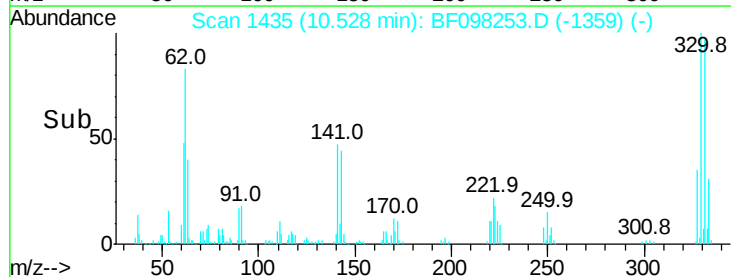
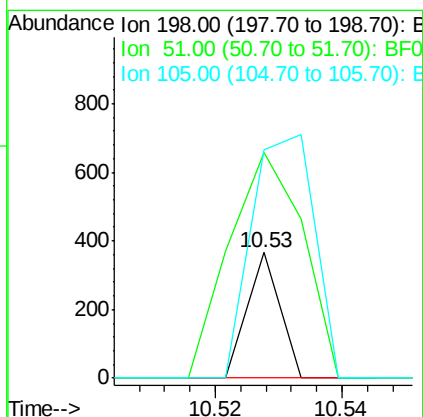
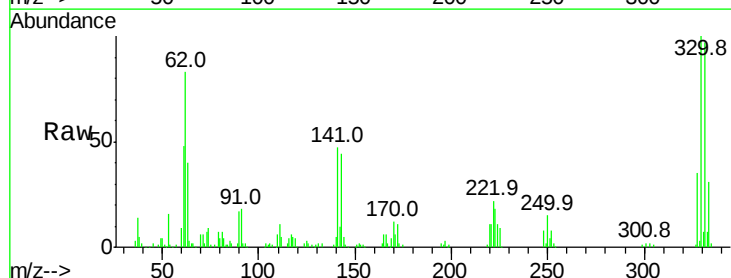
Instrument :
 BNA_F
 ClientSampleId :

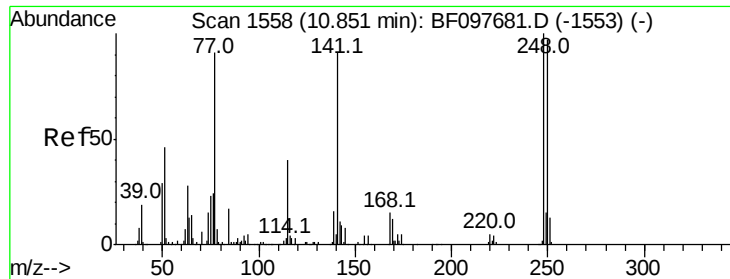
Tot Ion:188 Resp: 223495
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 11.6 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.423 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.15 min
 Lab File: BF098253.D
 Acq: 2 Sep 2017 18:39

Tgt Ion:198 Resp: 130
 Ion Ratio Lower Upper
 198 100
 51 179.6 53.2 93.2#
 105 180.9 45.8 85.8#

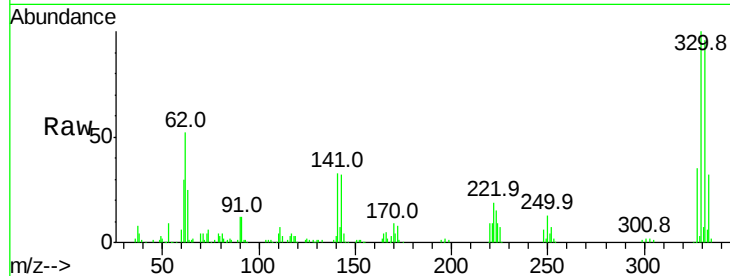




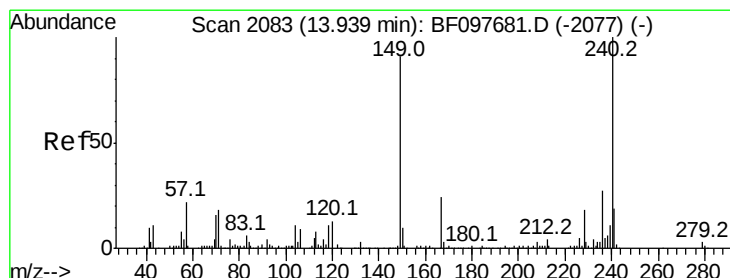
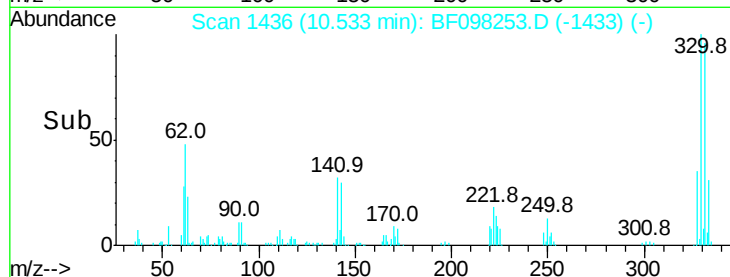
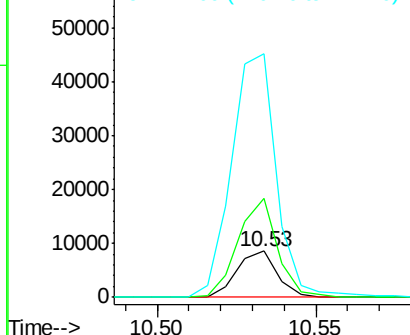
#66
 4-Bromophenyl-phenylether
 Concen: 3.244 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.28 min
 Lab File: BF098253.D
 Acq: 2 Sep 2017 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7529
 Ion Ratio Lower Upper
 248 100
 250 214.2 76.8 115.2#
 141 526.6 68.6 103.0#

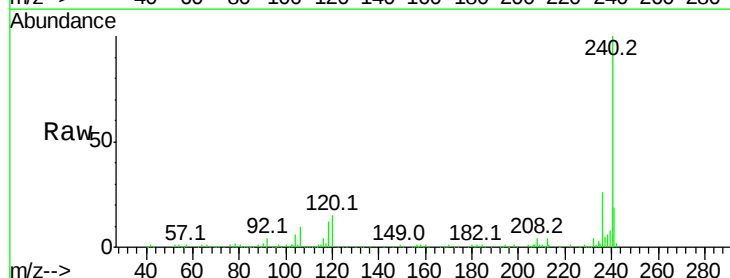


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

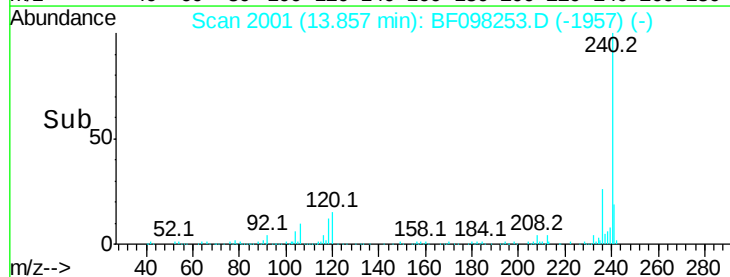
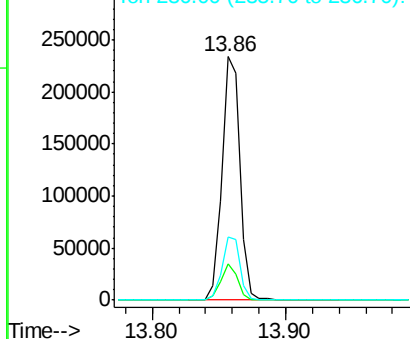


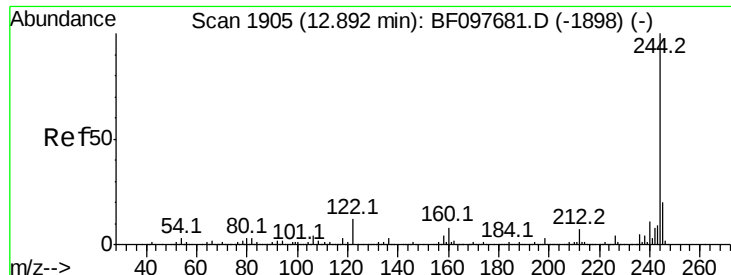
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.04 min
 Lab File: BF098253.D
 Acq: 2 Sep 2017 18:39

Tgt Ion:240 Resp: 223896
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 25.7 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: 50.555 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.04 min

Lab File: BF098253.D

Acq: 2 Sep 2017 18:39

Instrument :

BNA_F

ClientSampleId :

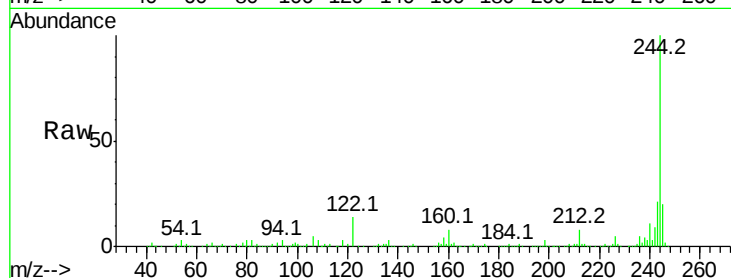
Tot Ion:244 Resp: 542794

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 14.1 10.3 15.5

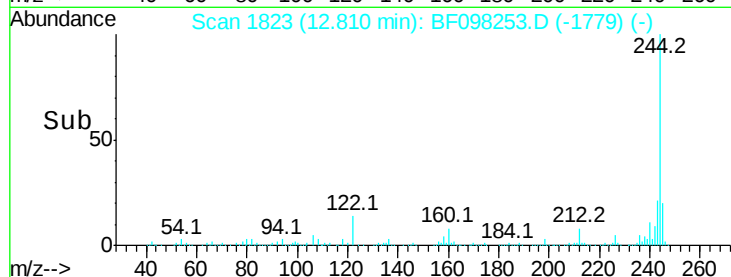


Abundance Ion 244.00 (243.70 to 244.70): E

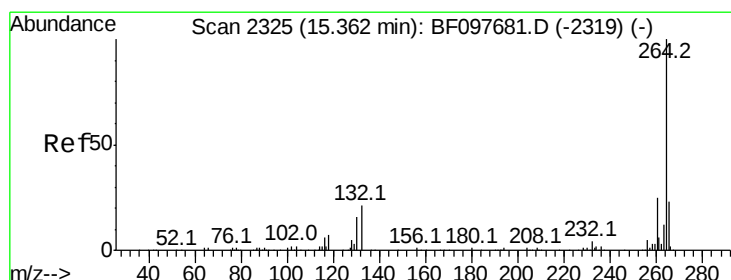
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.81



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.04 min

Lab File: BF098253.D

Acq: 2 Sep 2017 18:39

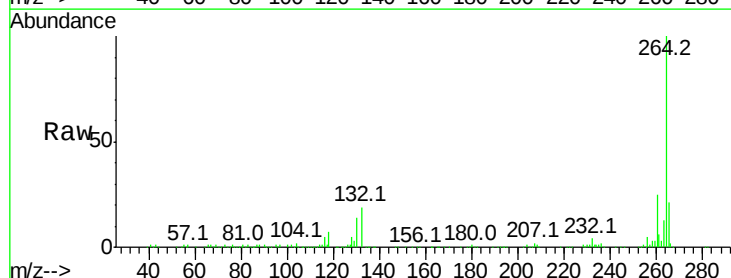
Tgt Ion:264 Resp: 223133

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.3 17.2 25.8

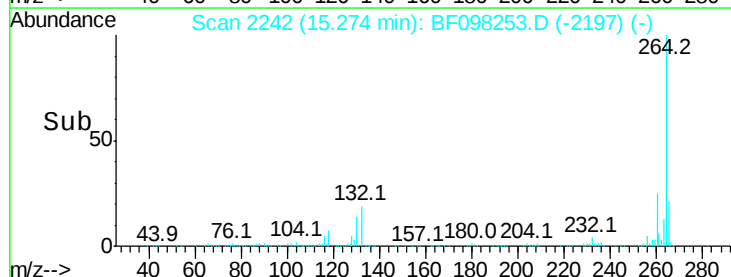


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.27



Time-->