

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090217\
 Data File : BF098252.D
 Acq On : 2 Sep 2017 18:11
 Operator : SJ/JU
 Sample : I5074-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 07:25:06 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

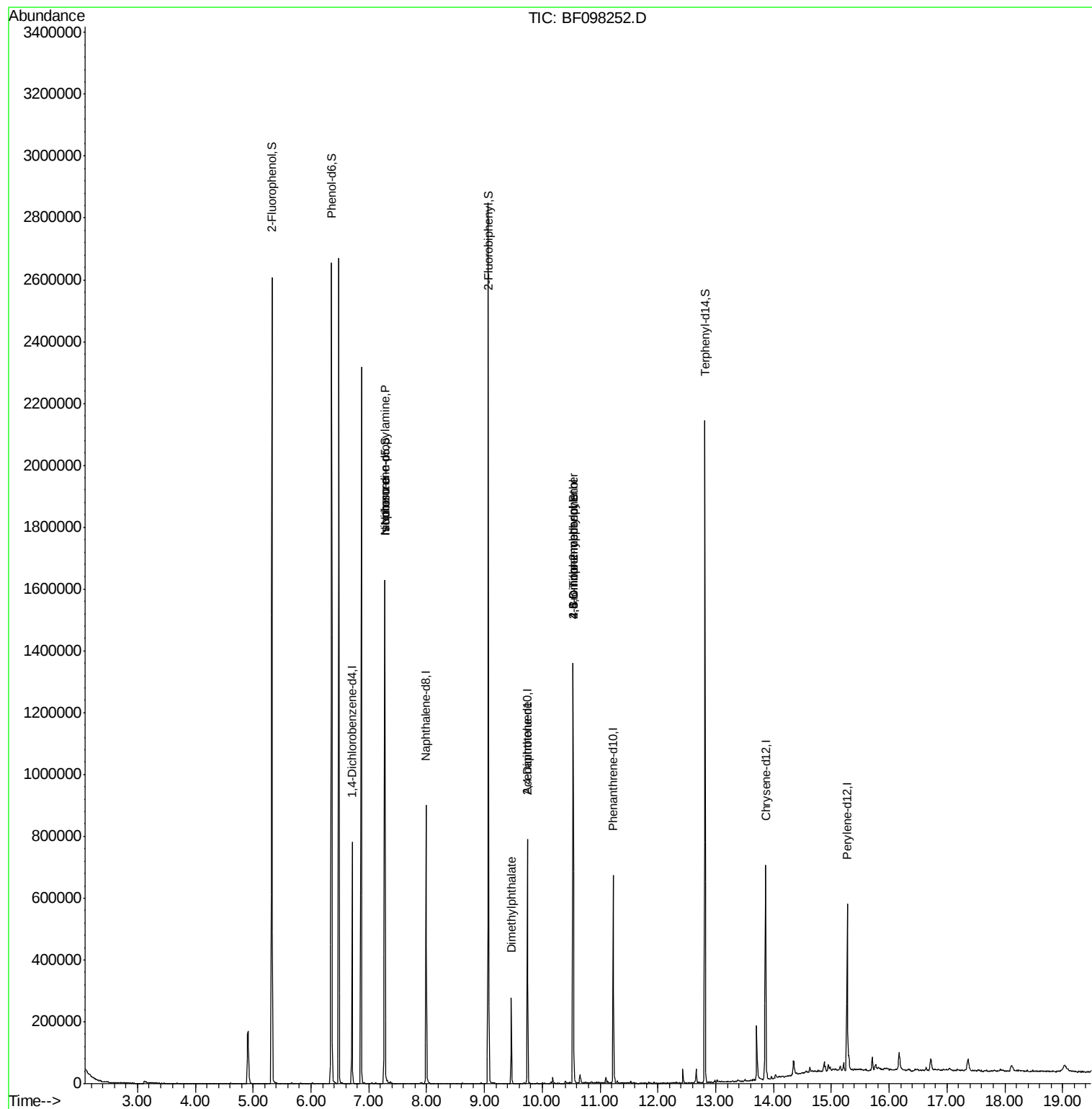
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	102290	20.00	ng	-0.04
21) Naphthalene-d8	7.99	136	376778	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	137154	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	222238	20.00	ng	-0.04
75) Chrysene-d12	13.86	240	223816	20.00	ng	-0.04
86) Perylene-d12	15.27	264	218786	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	825458	122.75	ng	-0.02
7) Phenol-d6	6.36	99	1096413	120.00	ng	-0.03
23) Nitrobenzene-d5	7.28	82	676498	97.54	ng	-0.04
41) 2,4,6-Tribromophenol	10.53	330	144378	121.32	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	913254	97.83	ng	-0.04
78) Terphenyl-d14	12.82	244	632595	58.94	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	88934	14.218	ng	# 71
25) Isophorone	7.28	82	661737	45.885	ng	# 67
49) Dimethylphthalate	9.46	163	105163	10.489	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	17796	7.086	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.53	198	243	8.513	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	9964	4.318	ng	# 1

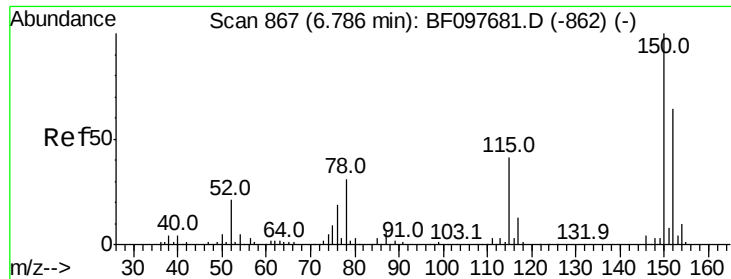
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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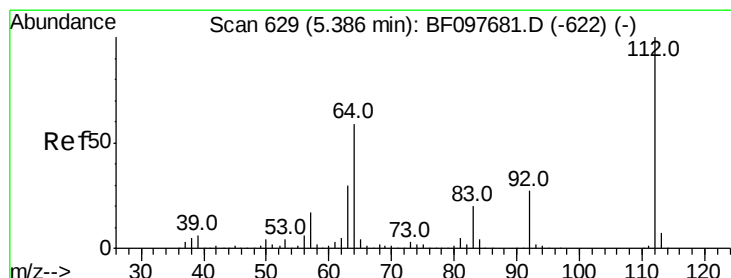
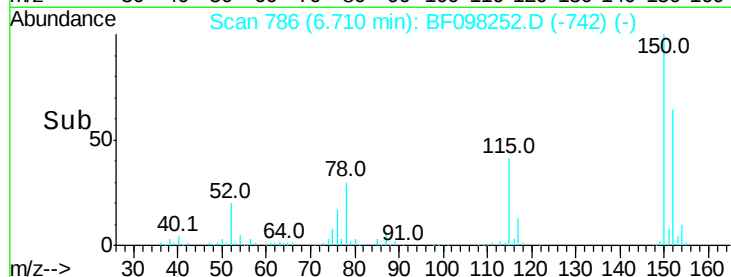
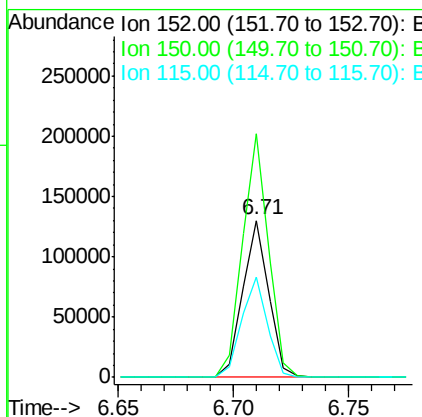
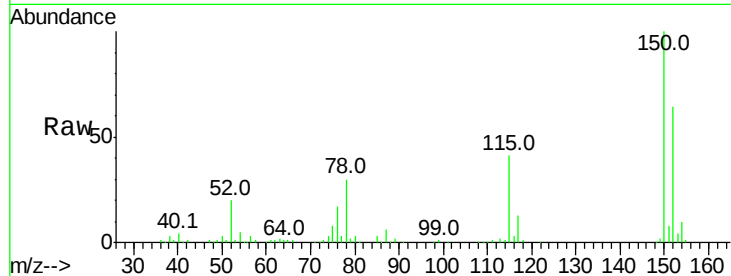


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.04 min
 Lab File: BF098252.D
 Acq: 2 Sep 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :

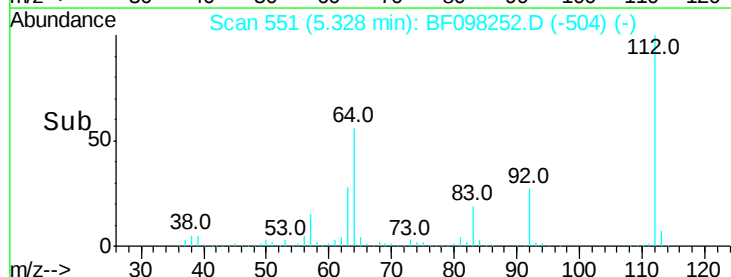
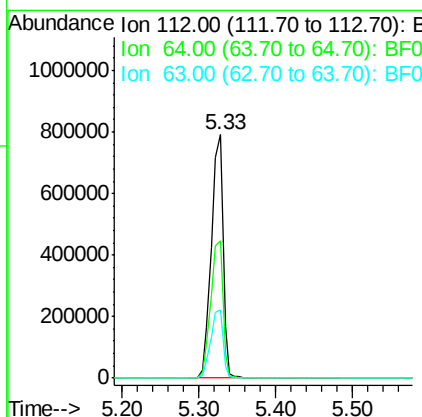
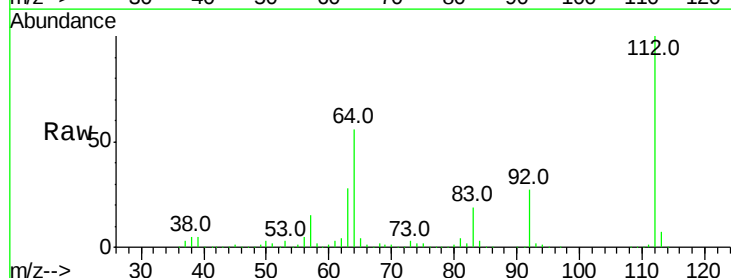
Tot Ion:152 Resp: 102290
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.2 189.2
 115 63.9 52.2 78.2

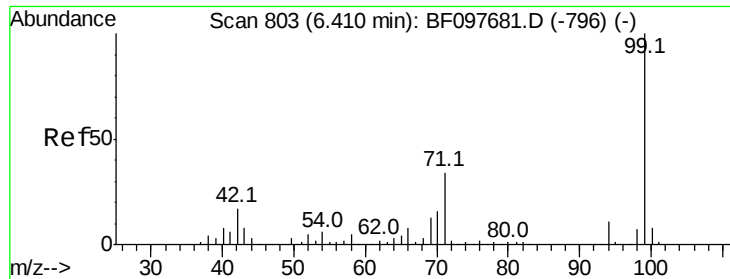


#5

2-Fluorophenol
 Concen: 122.747 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF098252.D
 Acq: 2 Sep 2017 18:11

Tgt Ion:112 Resp: 825458
 Ion Ratio Lower Upper
 112 100
 64 56.4 46.0 69.0
 63 28.2 23.4 35.0





#7

Phenol-d6

Concen: 119.995 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098252.D

Acq: 2 Sep 2017 18:11

Instrument :

BNA_F

ClientSampleId :

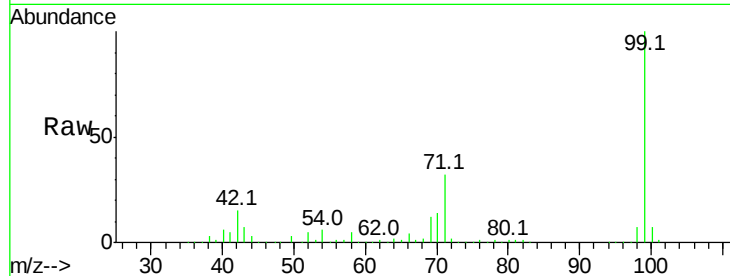
Tot Ion: 99 Resp: 1096413

Ion Ratio Lower Upper

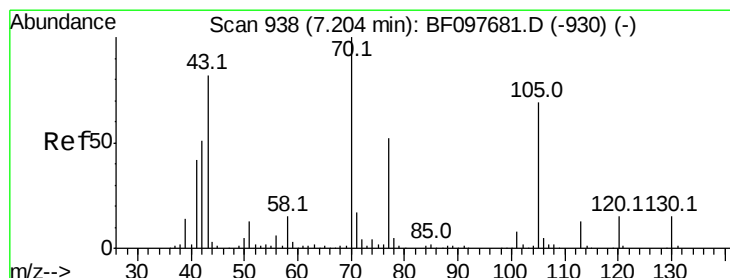
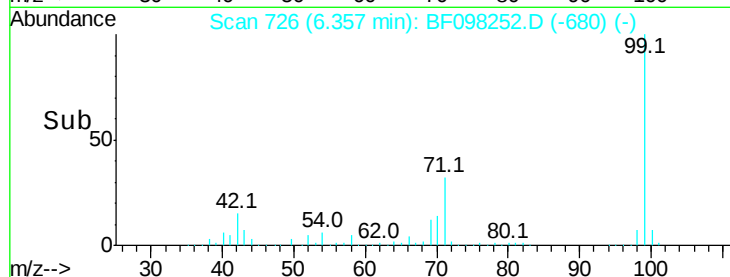
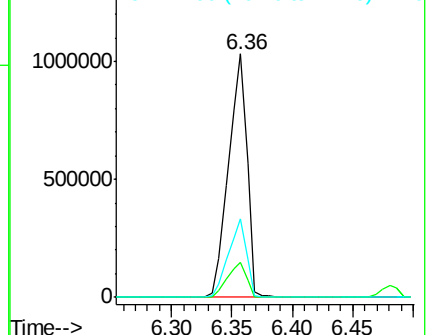
99 100

42 14.5 13.5 20.3

71 32.3 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: 14.218 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.10 min

Lab File: BF098252.D

Acq: 2 Sep 2017 18:11

Tgt Ion: 70 Resp: 88934

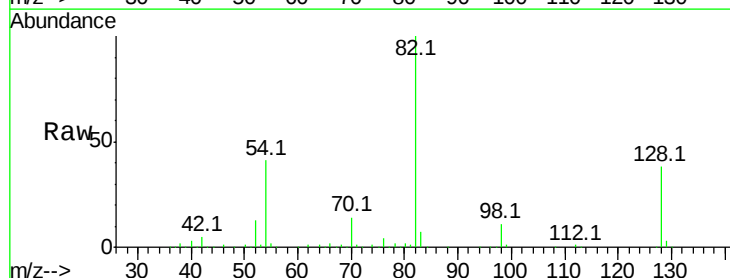
Ion Ratio Lower Upper

70 100

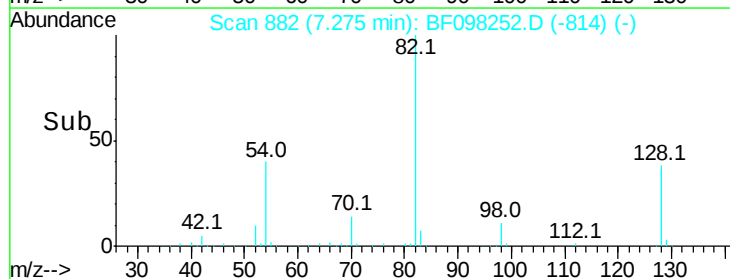
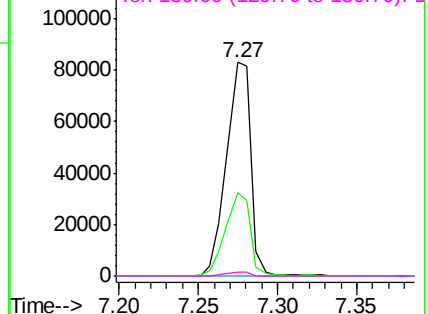
42 39.2 47.2 70.8#

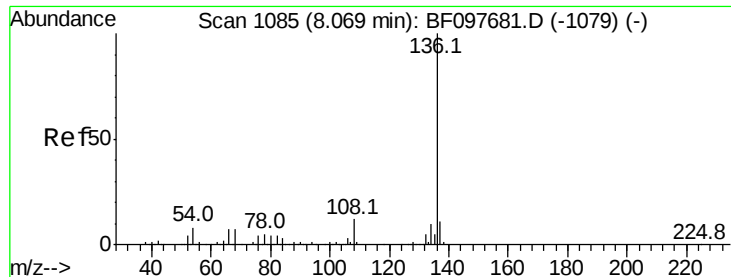
101 0.0 7.2 10.8#

130 1.7 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

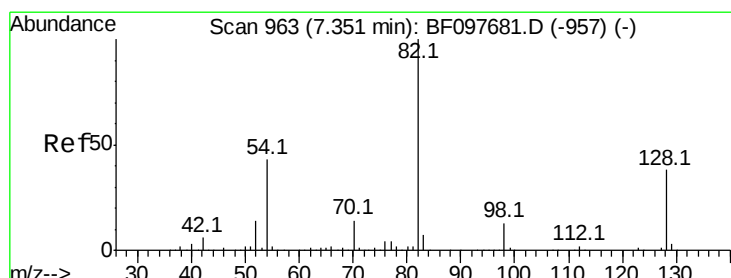
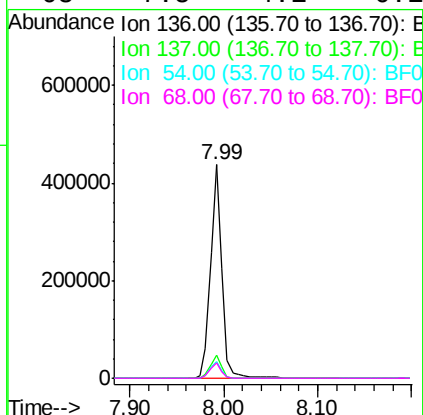
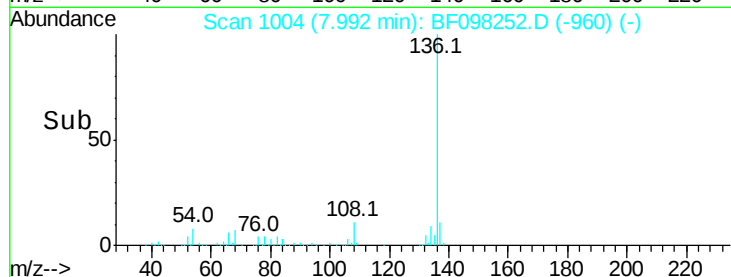
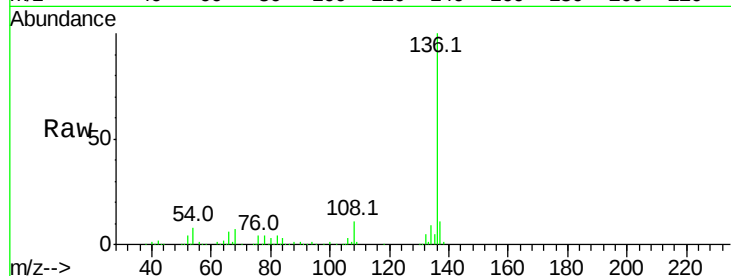




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF098252.D
Acq: 2 Sep 2017 18:11

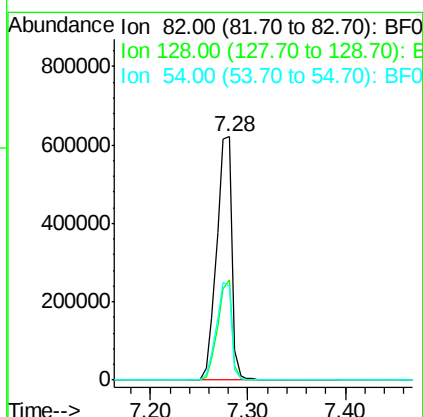
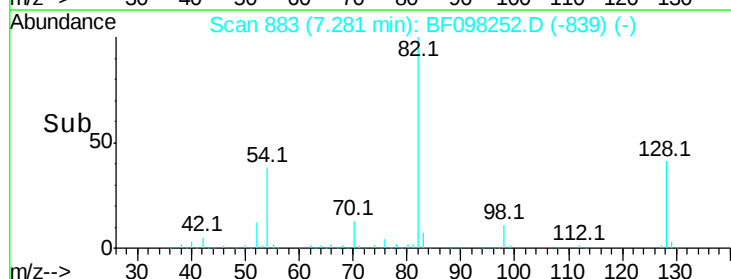
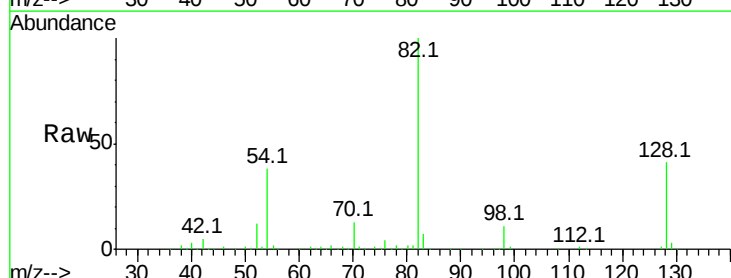
Instrument :
BNA_F
ClientSampleId :

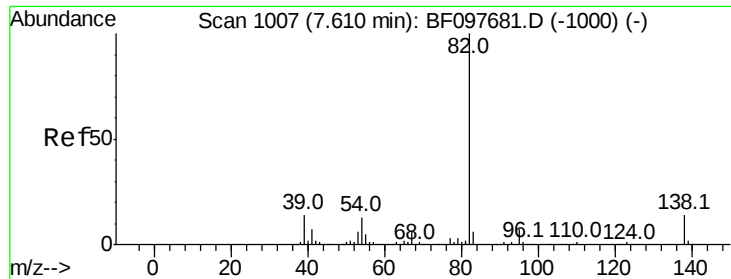
Tot Ion:136 Resp: 376778
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.6 4.9 7.3#
68 7.5 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 97.539 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF098252.D
Acq: 2 Sep 2017 18:11

Tgt Ion: 82 Resp: 676498
Ion Ratio Lower Upper
82 100
128 41.0 34.0 51.0
54 38.5 42.2 63.2#

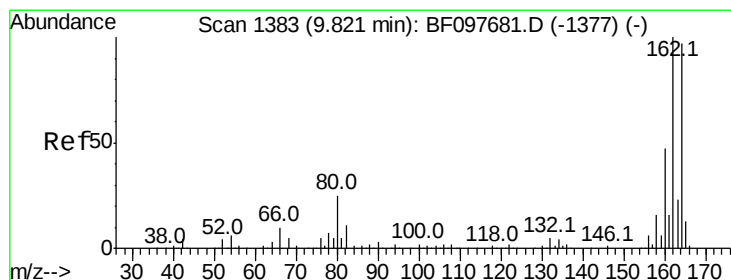
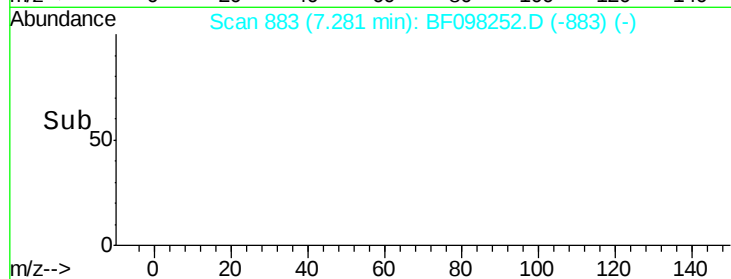
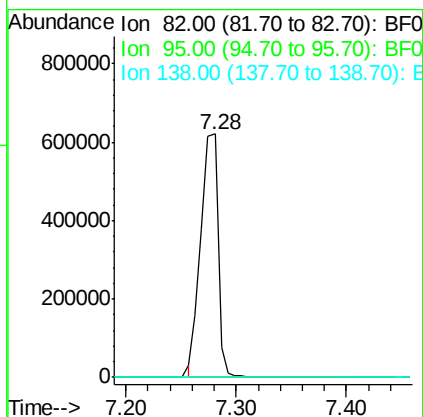
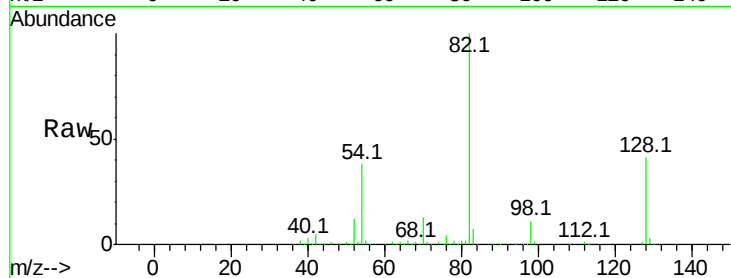




#25
Isophorone
Concen: 45.885 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.30 min
Lab File: BF098252.D
Acq: 2 Sep 2017 18:11

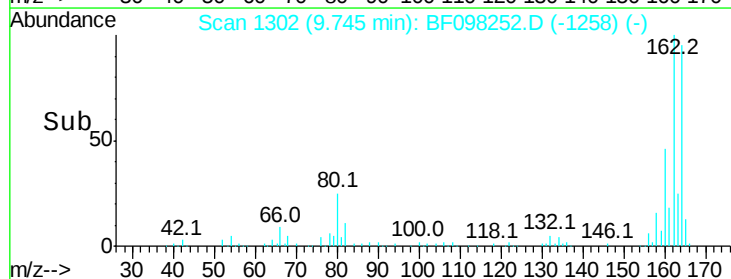
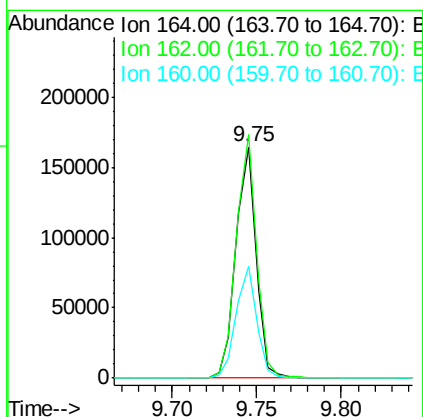
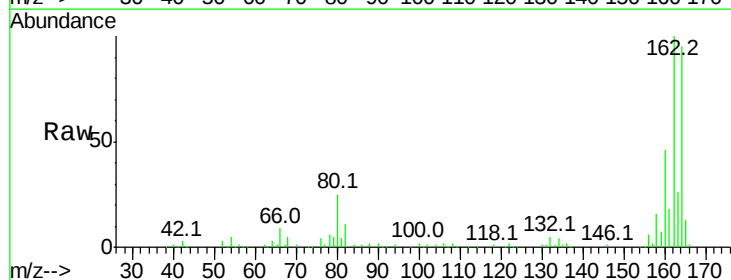
Instrument :
BNA_F
ClientSampleId :

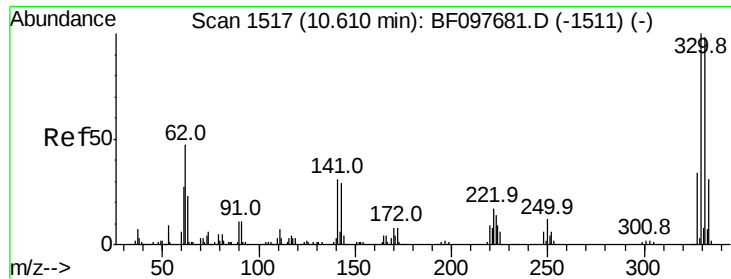
Tot Ion: 82 Resp: 661737
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BF098252.D
Acq: 2 Sep 2017 18:11

Tgt Ion: 164 Resp: 137154
Ion Ratio Lower Upper
164 100
162 105.4 82.6 123.8
160 48.3 36.2 54.2

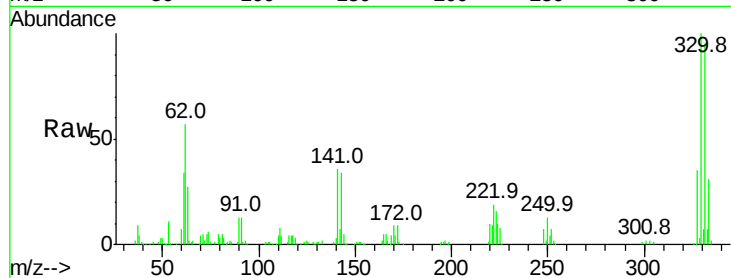




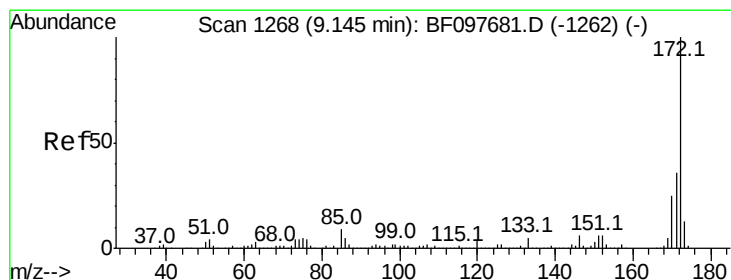
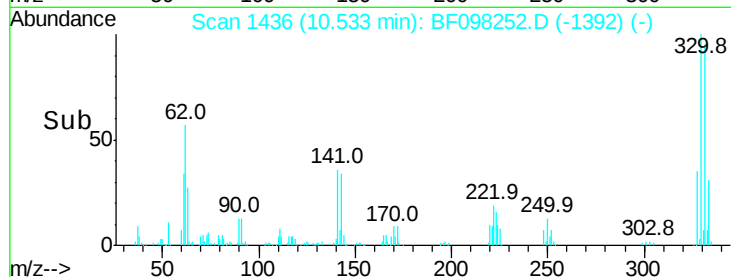
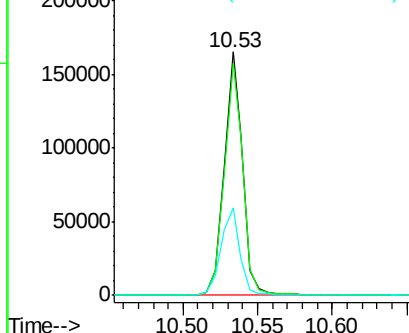
#41
 2,4,6-Tribromophenol
 Concen: 121.323 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.04 min
 Lab File: BF098252.D
 Acq: 2 Sep 2017 18:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 144378
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 37.0 31.4 47.2

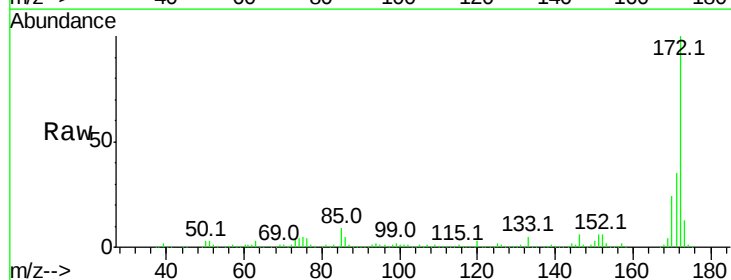


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

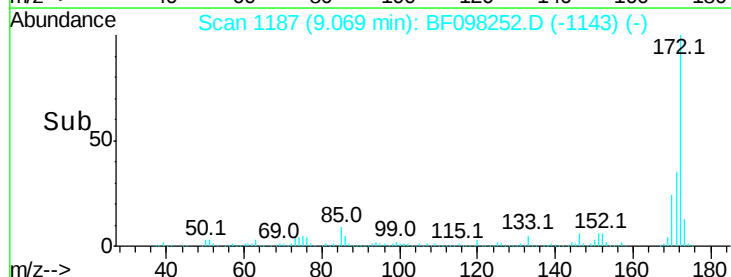
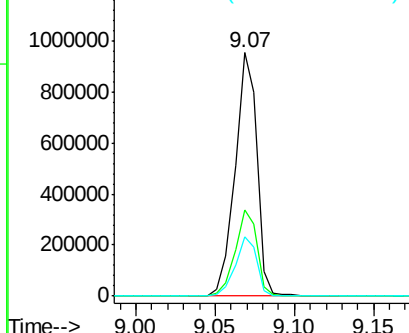


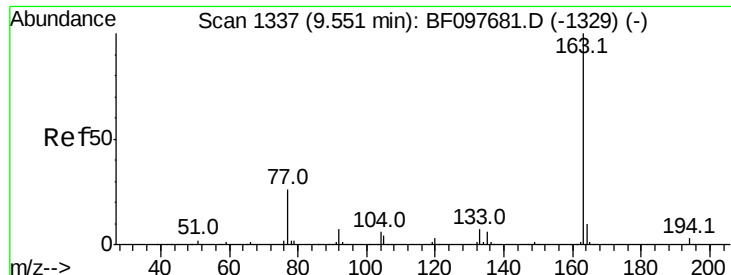
#44
 2-Fluorobiphenyl
 Concen: 97.829 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.04 min
 Lab File: BF098252.D
 Acq: 2 Sep 2017 18:11

Tgt Ion:172 Resp: 913254
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 24.1 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

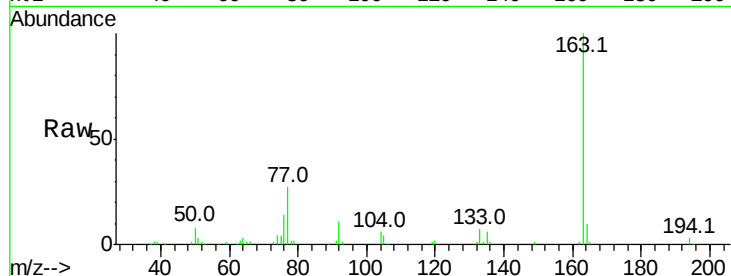




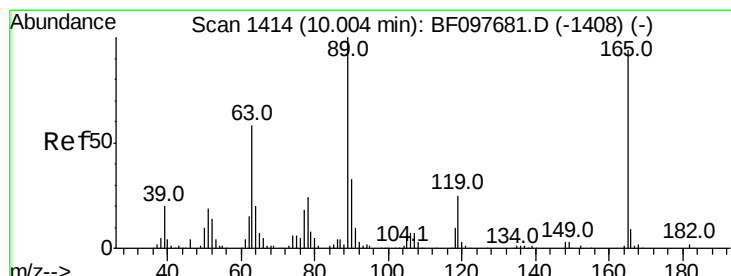
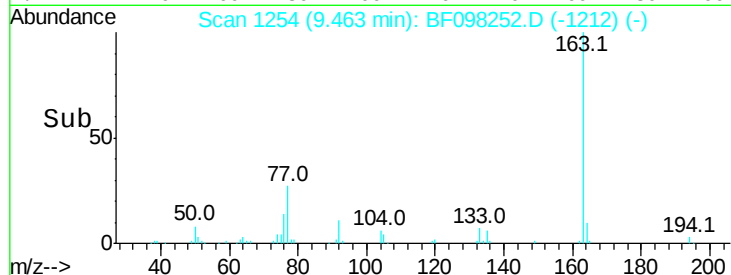
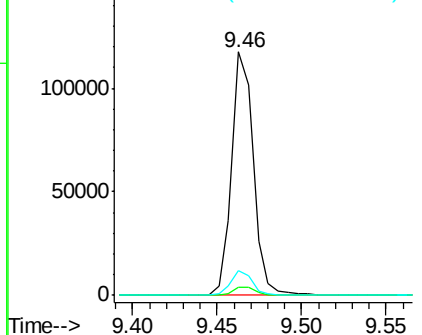
#49
 Dimethylphthalate
 Concen: 10.489 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.05 min
 Lab File: BF098252.D
 Acq: 2 Sep 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	163	Resp:	105163
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.4	12.6

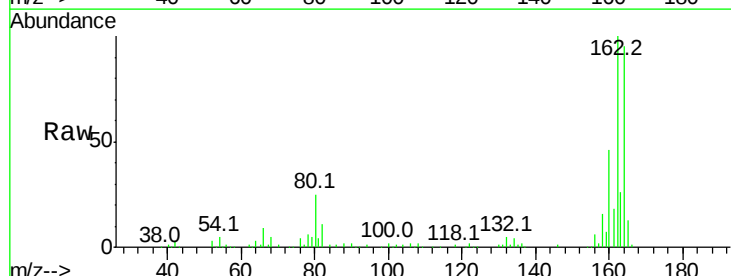


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

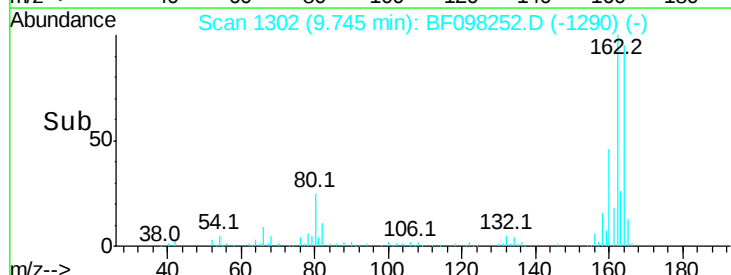
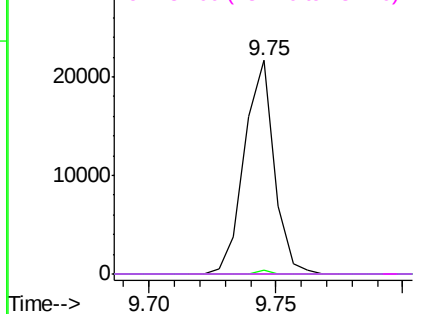


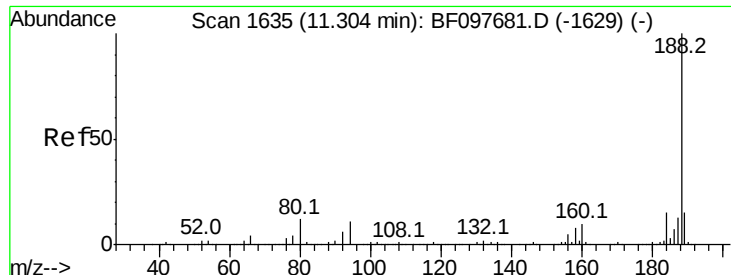
#56
 2,4-Dinitrotoluene
 Concen: 7.086 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.23 min
 Lab File: BF098252.D
 Acq: 2 Sep 2017 18:11

Tgt Ion:	165	Resp:	17796
Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	0.0	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: BF098252.D

Acq: 2 Sep 2017 18:11

Instrument :

BNA_F

ClientSampleId :

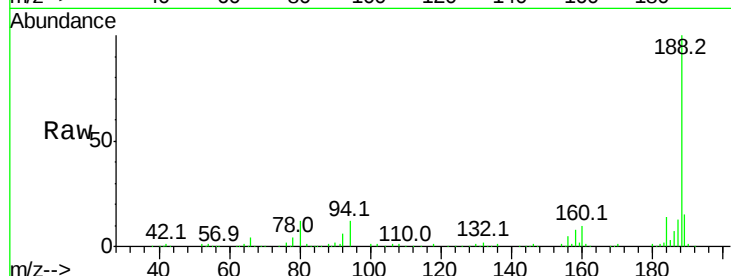
Tot Ion:188 Resp: 22238

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

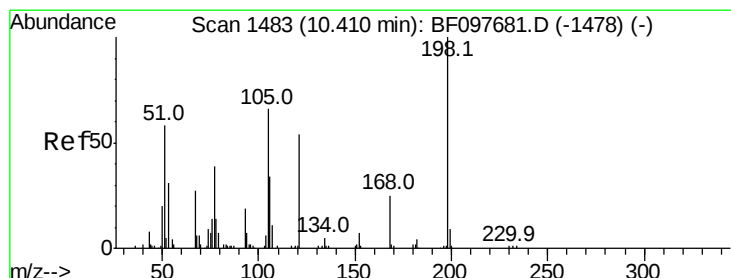
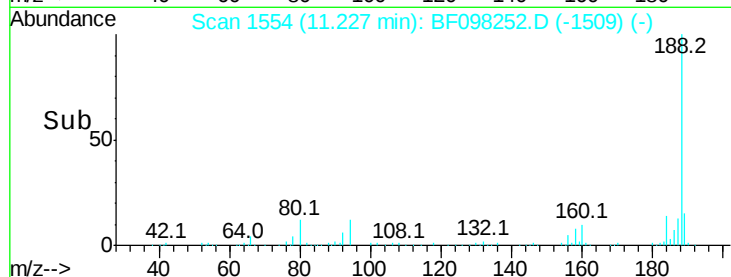
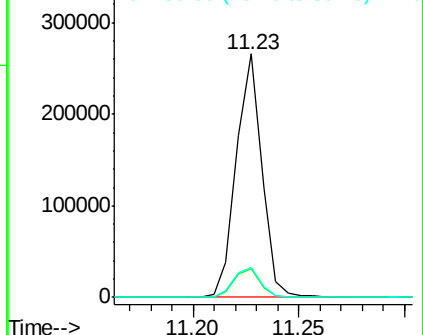
80 12.3 10.2 15.2



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: 8.513 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.15 min

Lab File: BF098252.D

Acq: 2 Sep 2017 18:11

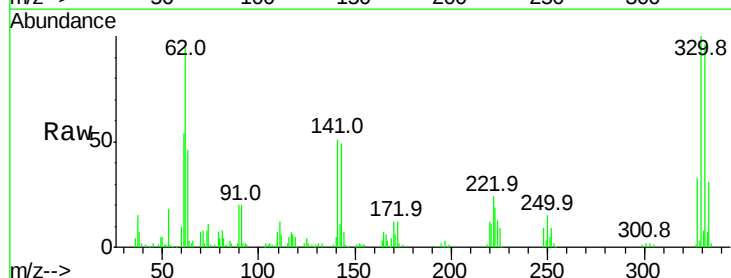
Tgt Ion:198 Resp: 243

Ion Ratio Lower Upper

198 100

51 187.1 53.2 93.2#

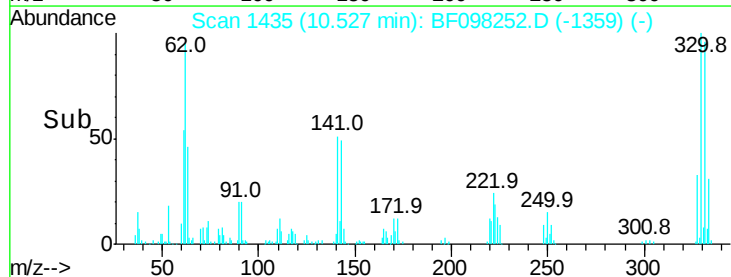
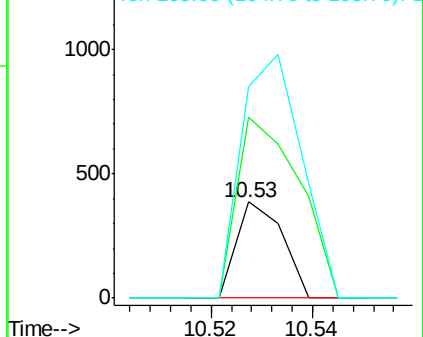
105 219.3 45.8 85.8#

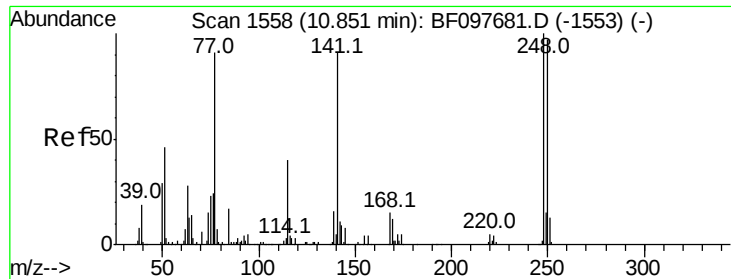


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

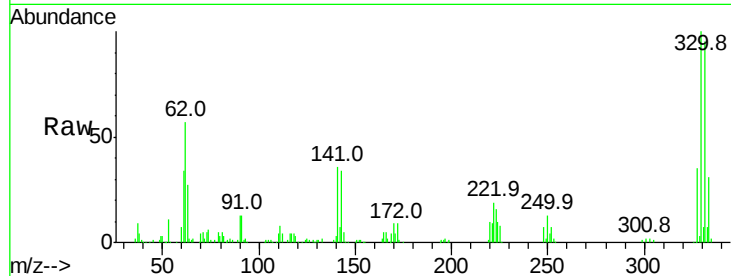




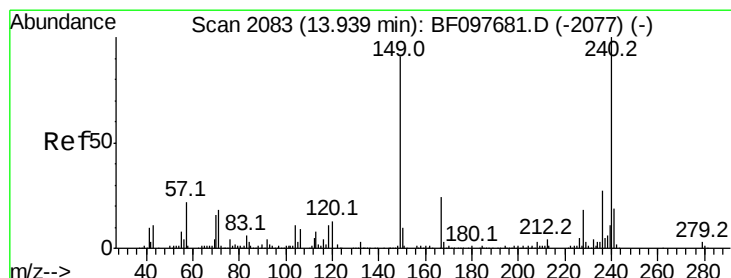
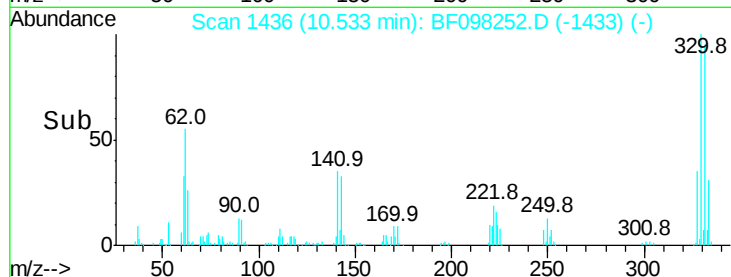
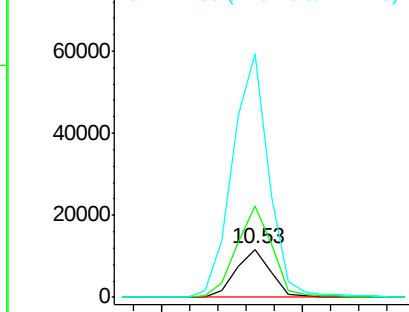
#66
4-Bromophenyl-phenylether
Concen: 4.318 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.28 min
Lab File: BF098252.D
Acq: 2 Sep 2017 18:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9964
Ion Ratio Lower Upper
248 100
250 189.1 76.8 115.2#
141 504.8 68.6 103.0#

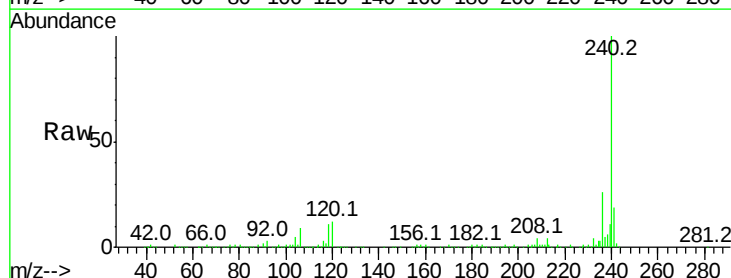


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

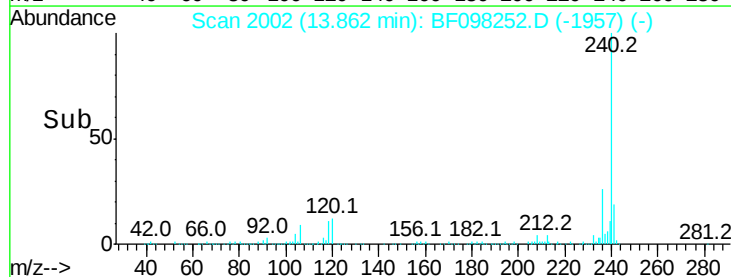
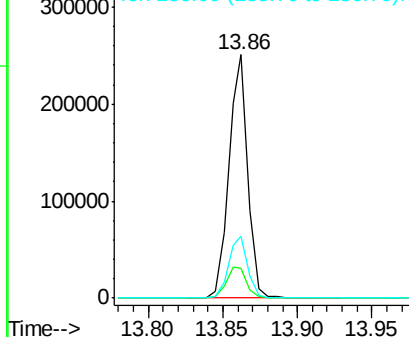


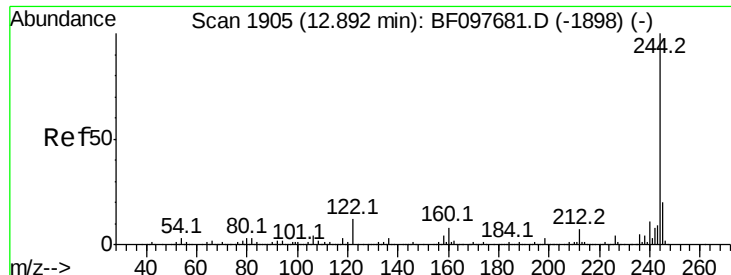
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.04 min
Lab File: BF098252.D
Acq: 2 Sep 2017 18:11

Tgt Ion:240 Resp: 223816
Ion Ratio Lower Upper
240 100
120 12.3 5.8 8.8#
236 25.6 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: 58.940 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.04 min

Lab File: BF098252.D

Acq: 2 Sep 2017 18:11

Instrument :

BNA_F

ClientSampleId :

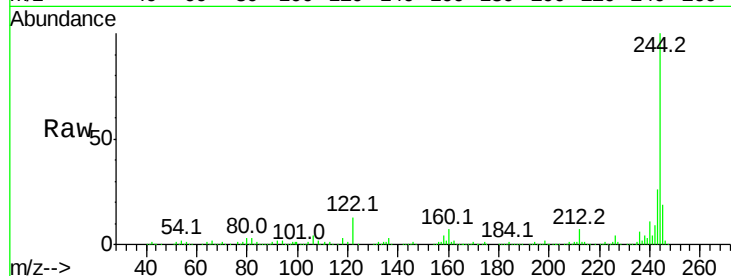
Tot Ion:244 Resp: 632595

Ion Ratio Lower Upper

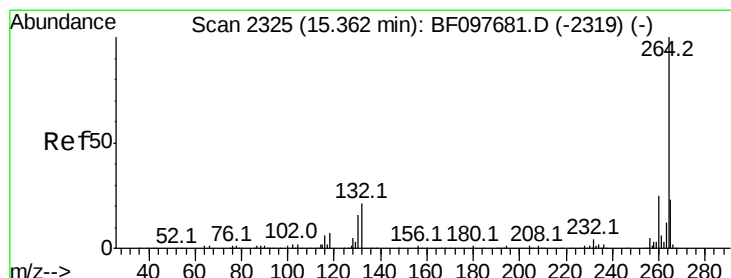
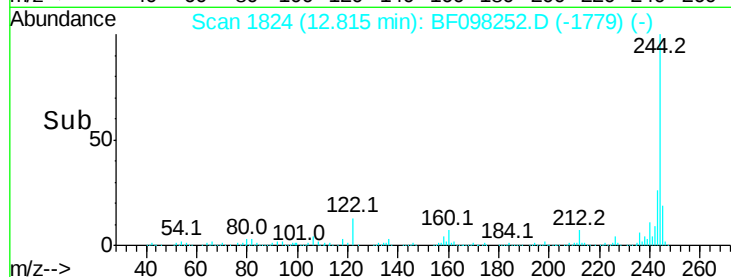
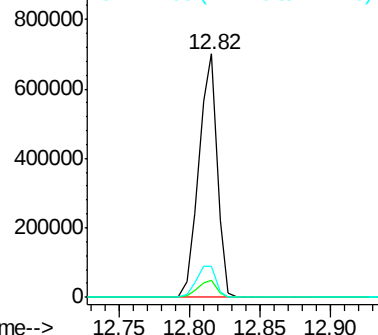
244 100

212 7.1 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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.04 min

Lab File: BF098252.D

Acq: 2 Sep 2017 18:11

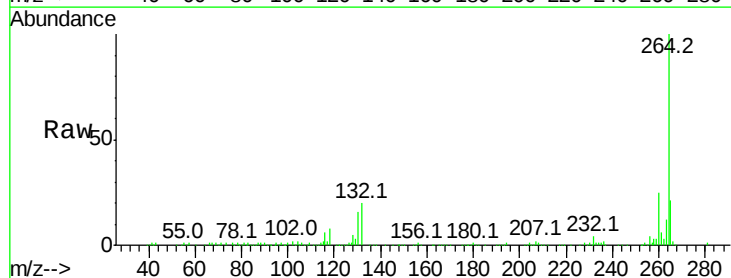
Tgt Ion:264 Resp: 218786

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 20.8 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

