

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090217\
 Data File : BF098254.D
 Acq On : 2 Sep 2017 19:08
 Operator : SJ/JU
 Sample : I5074-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 07:25:30 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

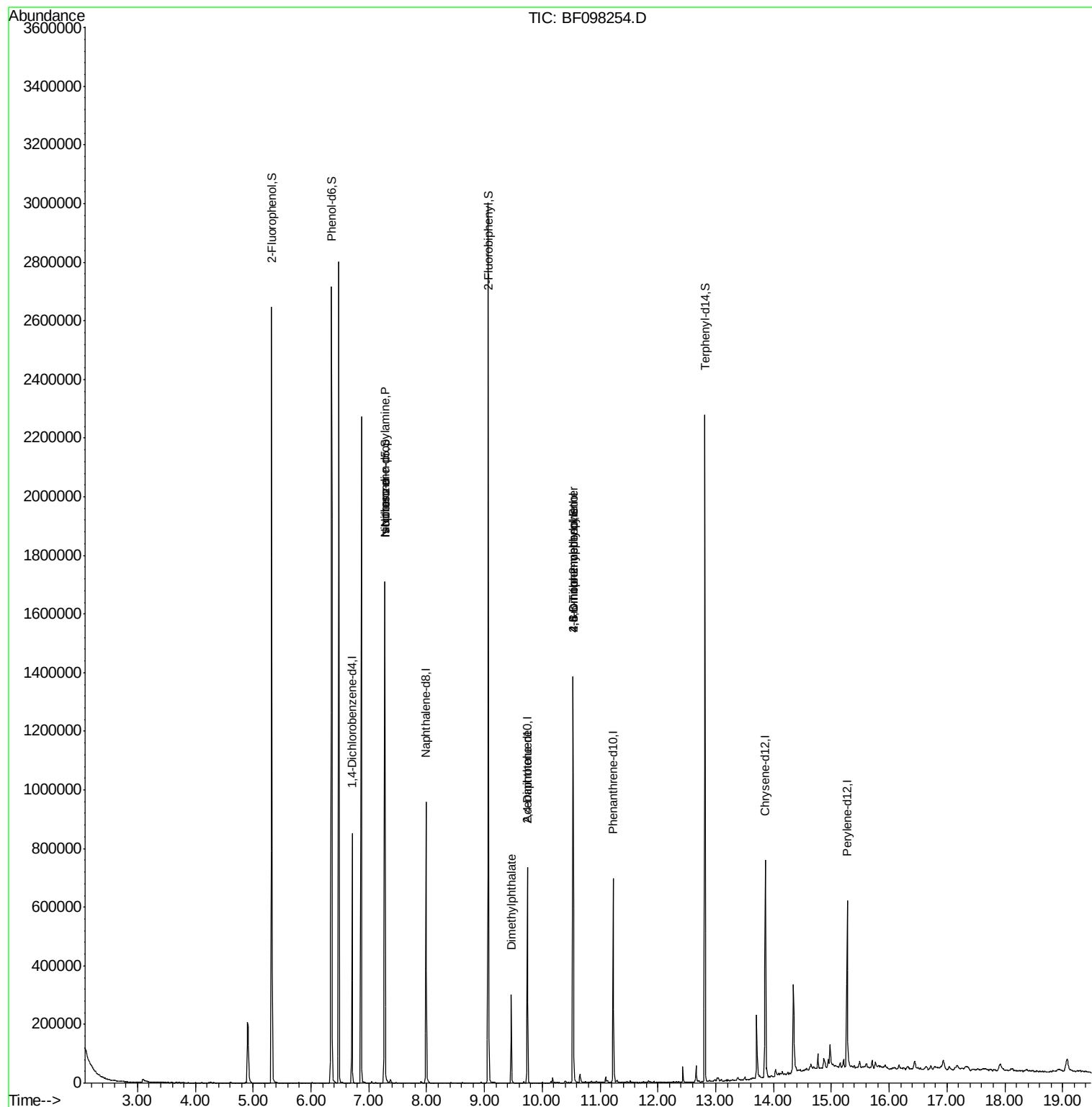
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	105923	20.00	ng	-0.04
21) Naphthalene-d8	7.99	136	393046	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	142870	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	234311	20.00	ng	-0.04
75) Chrysene-d12	13.86	240	246714	20.00	ng	-0.04
86) Perylene-d12	15.27	264	240650	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	878556	126.16	ng	-0.02
7) Phenol-d6	6.36	99	1189973	125.77	ng	-0.03
23) Nitrobenzene-d5	7.28	82	707535	97.79	ng	-0.04
41) 2,4,6-Tribromophenol	10.53	330	157231	126.84	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	942819	96.95	ng	-0.04
78) Terphenyl-d14	12.82	244	707787	59.83	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	93805	14.483	ng	# 69
25) Isophorone	7.28	82	695537	46.232	ng	# 67
49) Dimethylphthalate	9.46	163	108072	10.348	ng	# 98
56) 2,4-Dinitrotoluene	9.75	165	18222	6.965	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.53	198	263	8.518	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	10107	4.154	ng	# 1

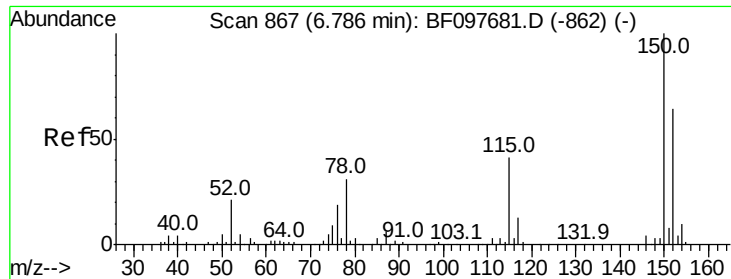
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090217\
Data File : BF098254.D
Acq On : 2 Sep 2017 19:08
Operator : SJ/JU
Sample : I5074-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 04 07:25:30 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



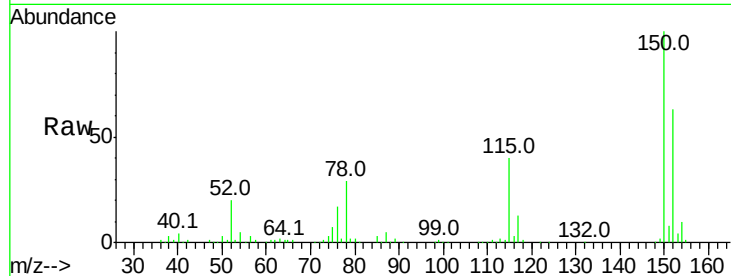


#1

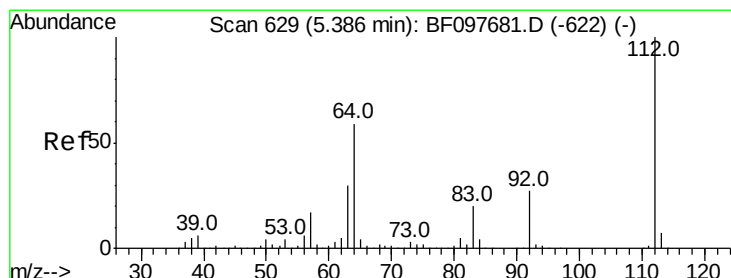
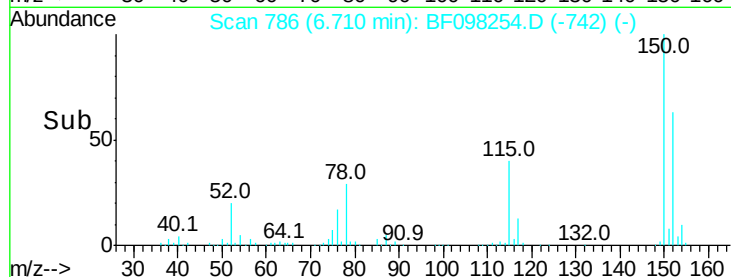
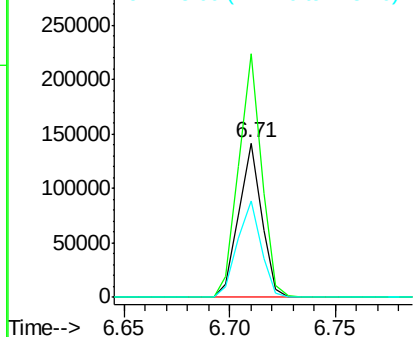
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.04 min
Lab File: BF098254.D
Acq: 2 Sep 2017 19:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 105923
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 62.5 52.2 78.2



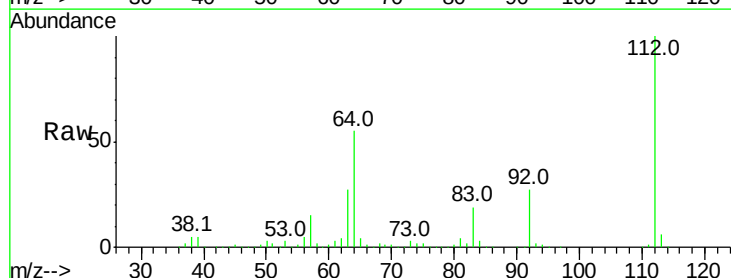
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



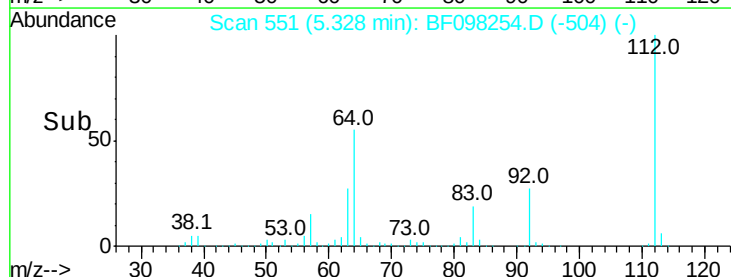
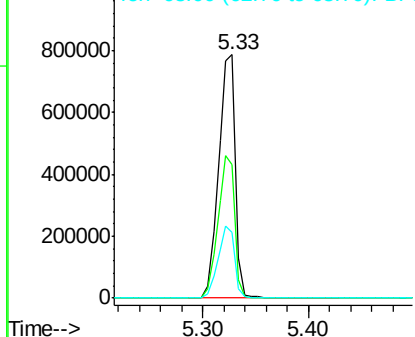
#5

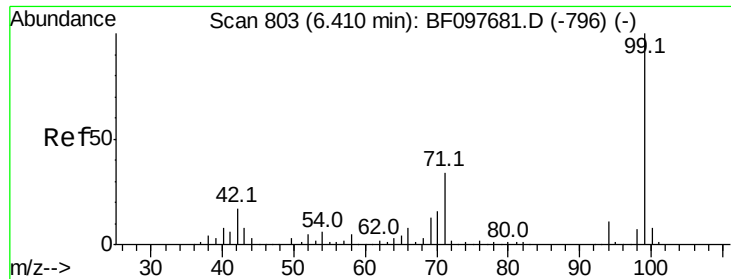
2-Fluorophenol
Concen: 126.162 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098254.D
Acq: 2 Sep 2017 19:08

Tgt Ion:112 Resp: 878556
Ion Ratio Lower Upper
112 100
64 55.0 46.0 69.0
63 26.9 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: 125.768 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098254.D

Acq: 2 Sep 2017 19:08

Instrument :

BNA_F

ClientSampled :

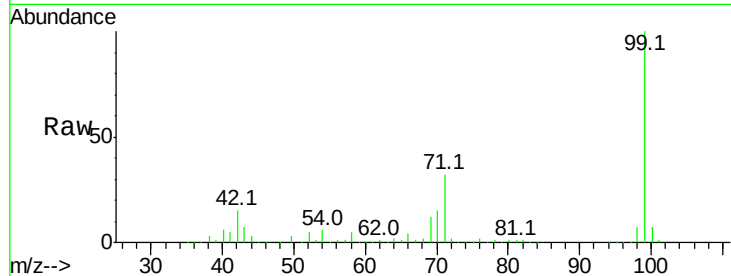
Tot Ion: 99 Resp: 1189973

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

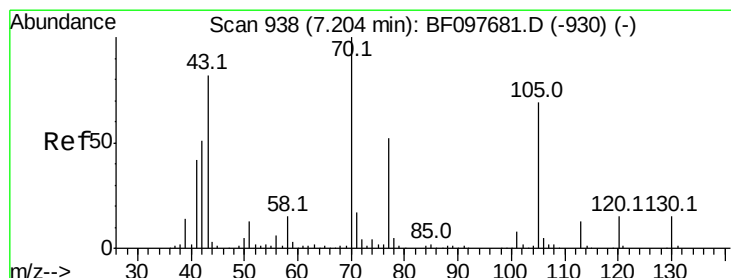
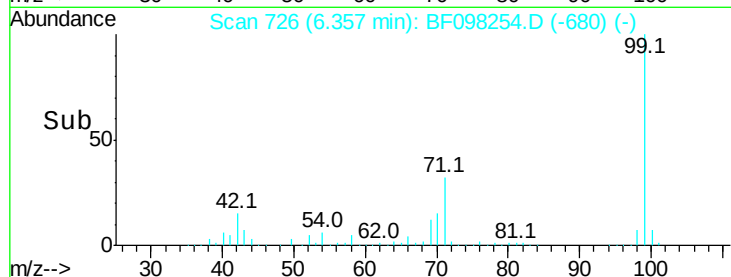
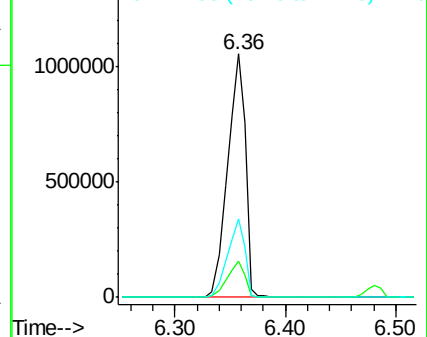
71 32.3 24.5 36.7



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: 14.483 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.11 min

Lab File: BF098254.D

Acq: 2 Sep 2017 19:08

Tgt Ion: 70 Resp: 93805

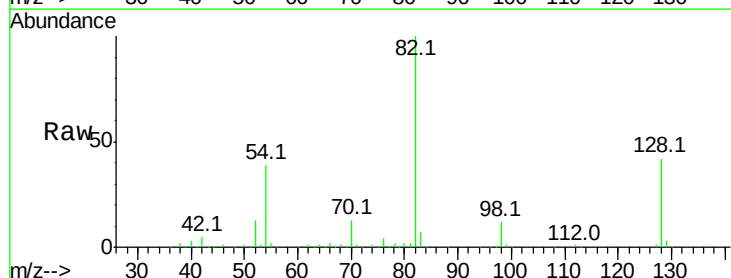
Ion Ratio Lower Upper

70 100

42 36.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

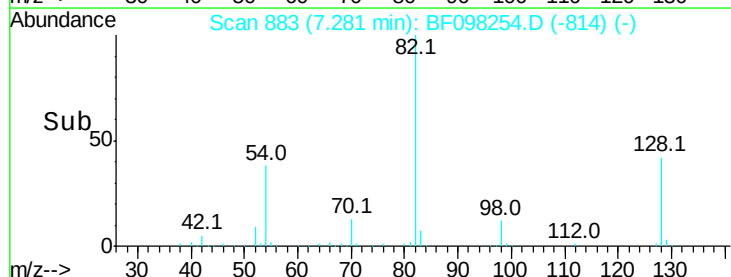
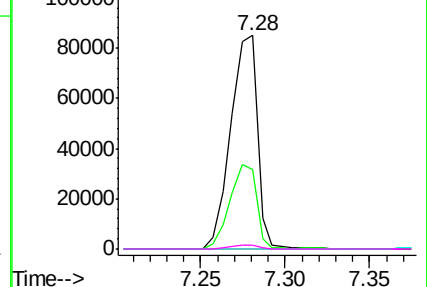


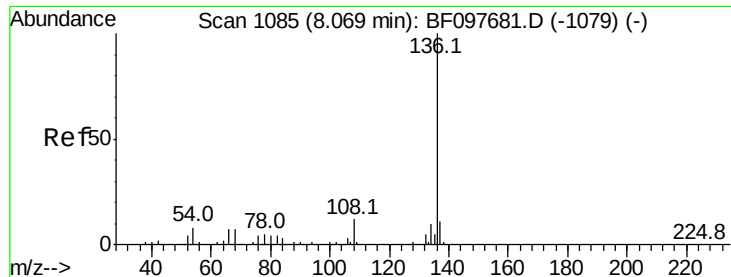
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

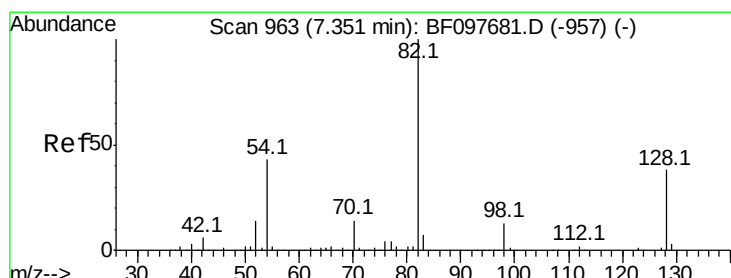
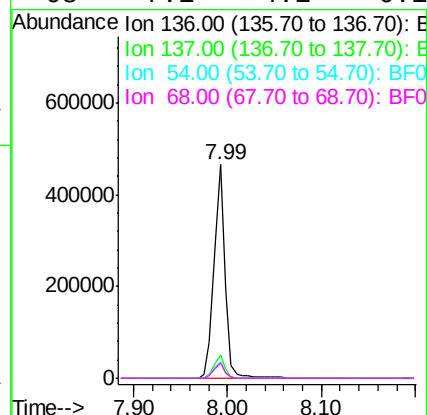
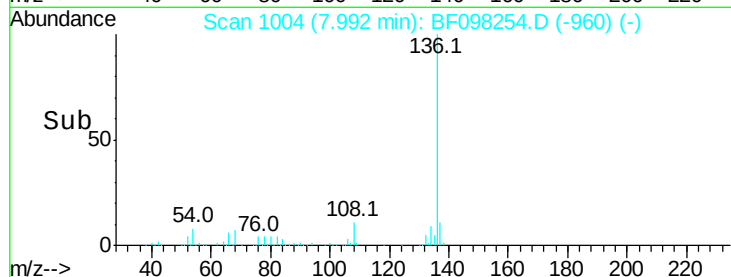
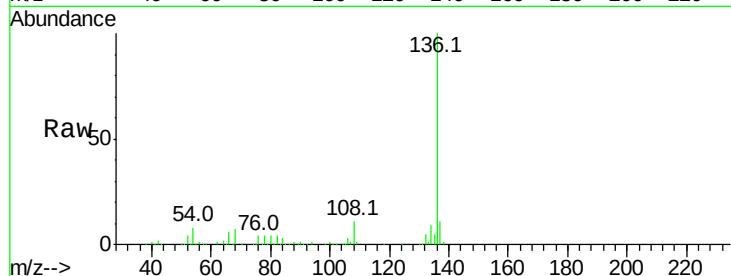




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF098254.D
Acq: 2 Sep 2017 19:08

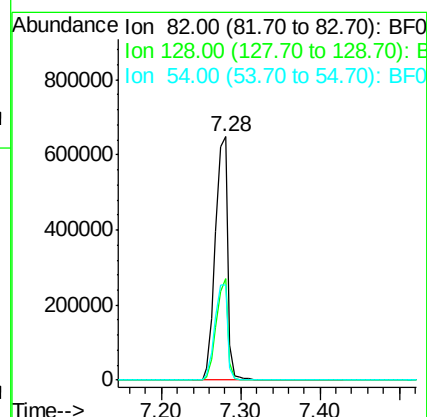
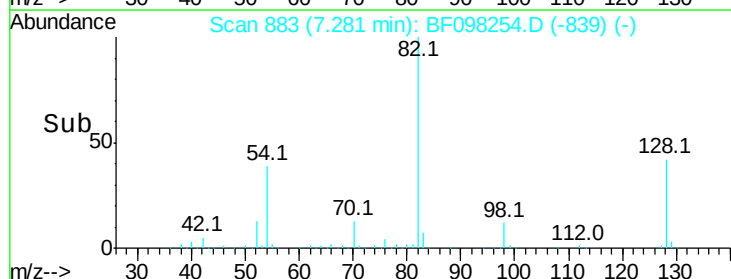
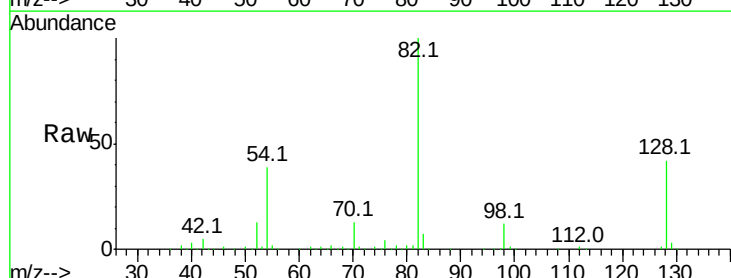
Instrument :
BNA_F
ClientSampleId :

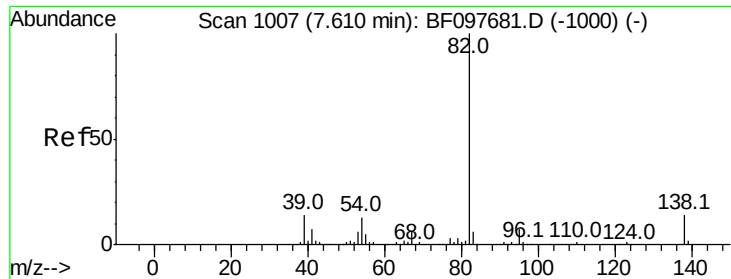
Tot Ion:136 Resp: 393046
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.6 4.9 7.3#
68 7.1 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 97.791 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF098254.D
Acq: 2 Sep 2017 19:08

Tgt Ion: 82 Resp: 707535
Ion Ratio Lower Upper
82 100
128 41.6 34.0 51.0
54 38.9 42.2 63.2#

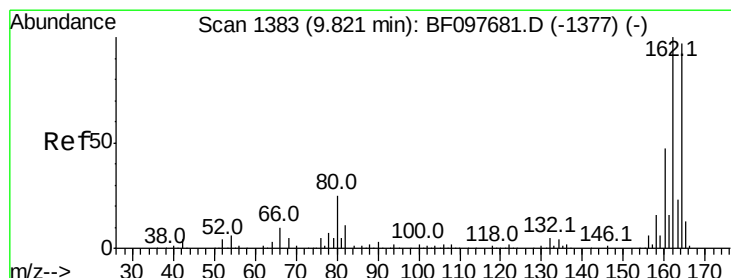
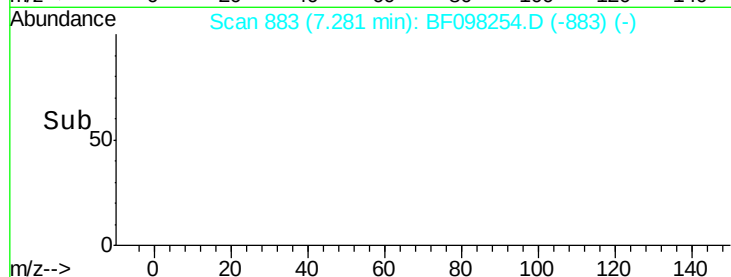
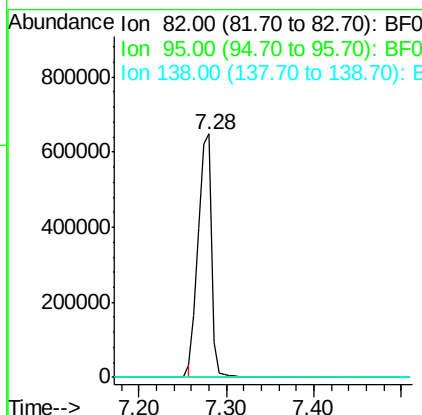
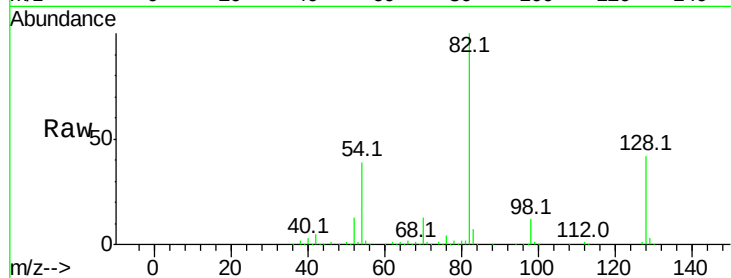




#25
Isophorone
Concen: 46.232 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.30 min
Lab File: BF098254.D
Acq: 2 Sep 2017 19:08

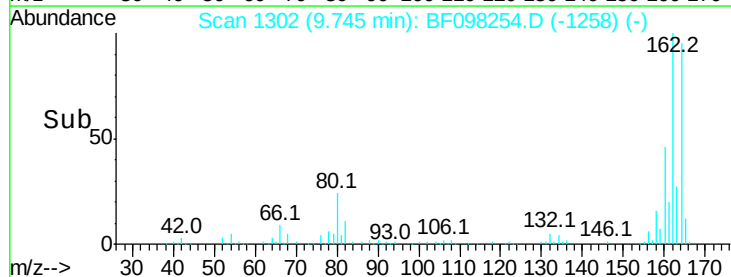
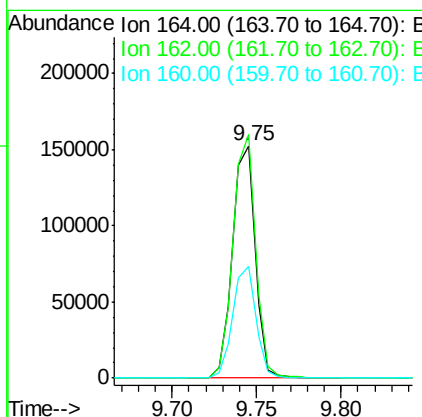
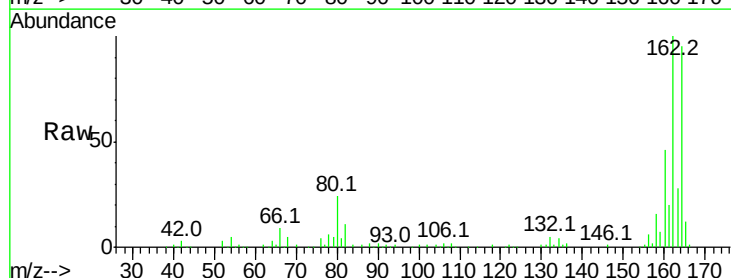
Instrument :
BNA_F
ClientSampleId :

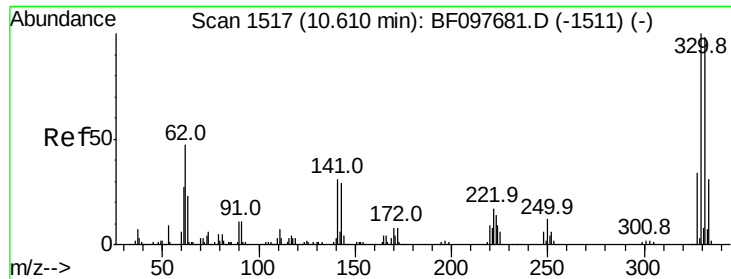
Tot Ion: 82 Resp: 695537
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BF098254.D
Acq: 2 Sep 2017 19:08

Tgt Ion: 164 Resp: 142870
Ion Ratio Lower Upper
164 100
162 104.8 82.6 123.8
160 48.0 36.2 54.2

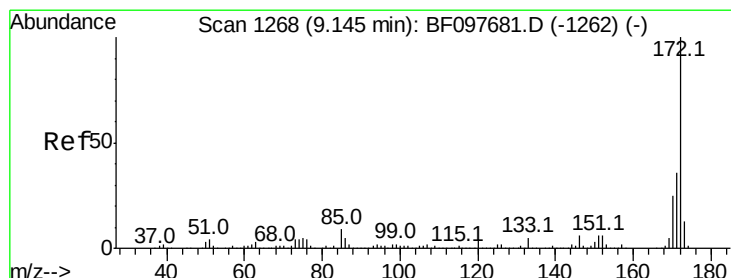
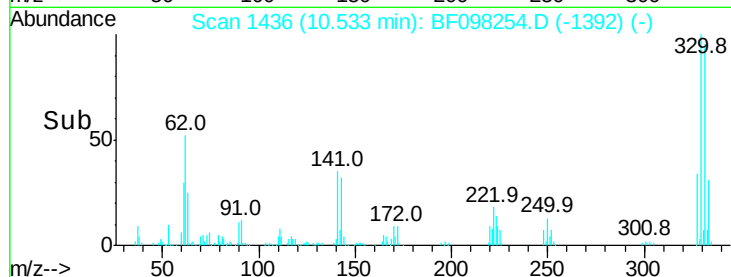
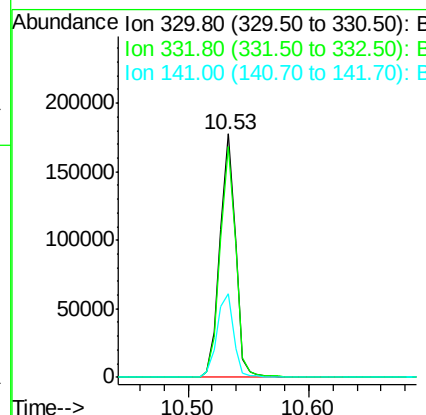
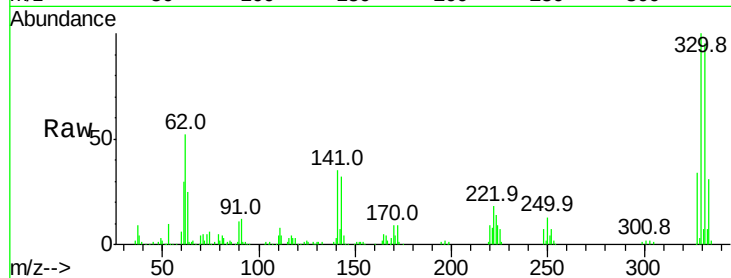




#41
 2,4,6-Tribromophenol
 Concen: 126.837 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.04 min
 Lab File: BF098254.D
 Acq: 2 Sep 2017 19:08

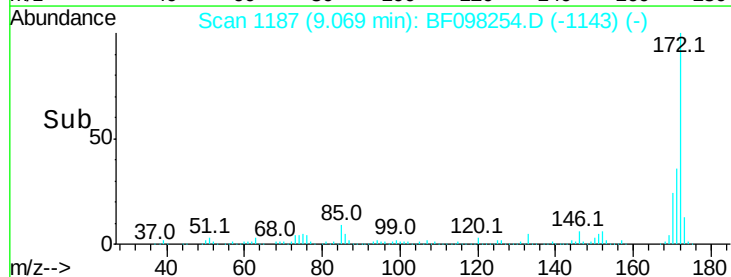
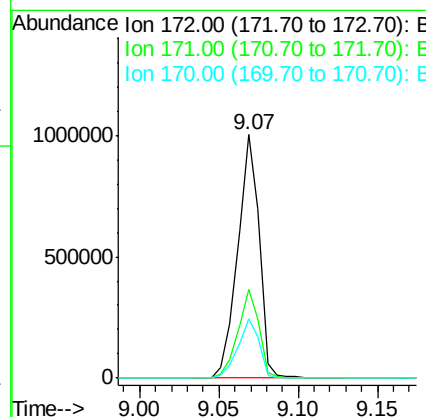
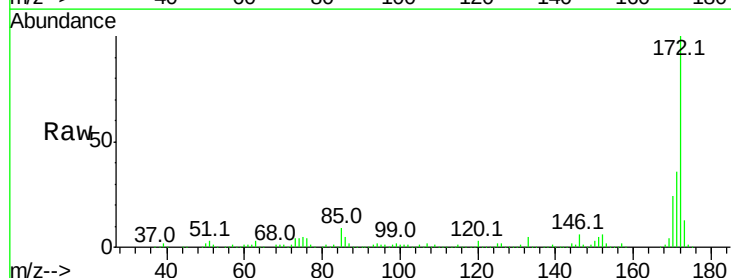
Instrument :
 BNA_F
 ClientSampleId :

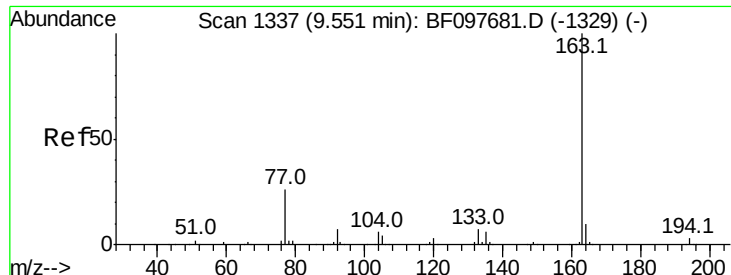
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	37.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 96.955 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.04 min
 Lab File: BF098254.D
 Acq: 2 Sep 2017 19:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.3	19.8	29.8

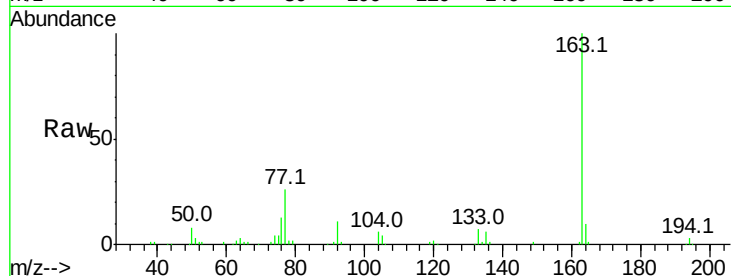




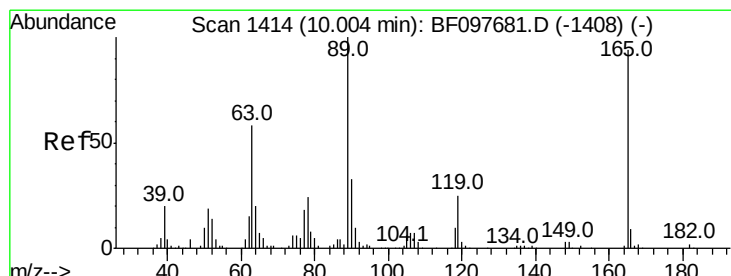
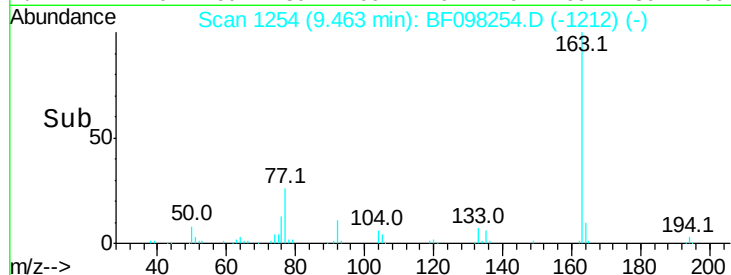
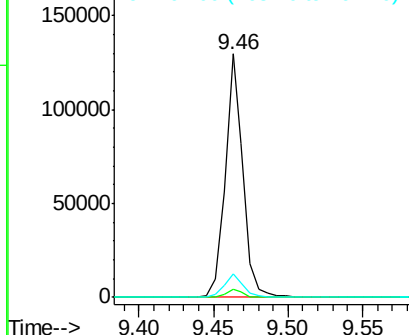
#49
Dimethylphthalate
Concen: 10.348 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.05 min
Lab File: BF098254.D
Acq: 2 Sep 2017 19:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6



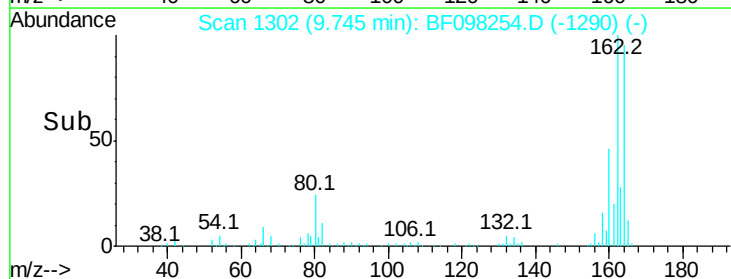
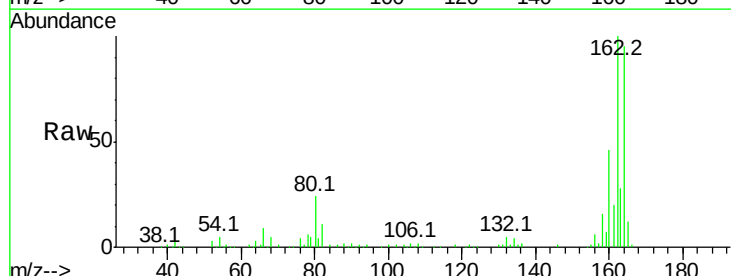
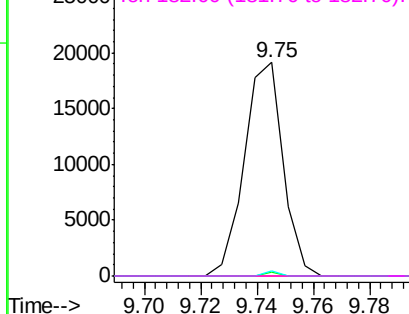
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

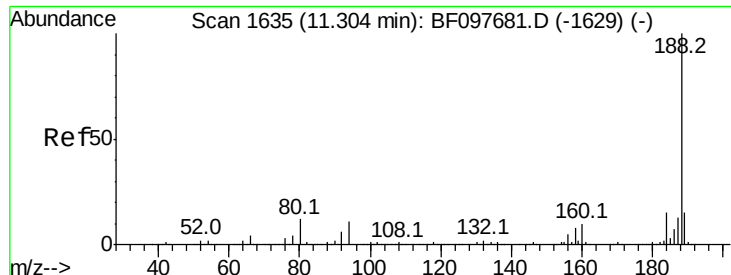


#56
2,4-Dinitrotoluene
Concen: 6.965 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.23 min
Lab File: BF098254.D
Acq: 2 Sep 2017 19:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	2.5	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: BF098254.D

Acq: 2 Sep 2017 19:08

Instrument :

BNA_F

ClientSampleId :

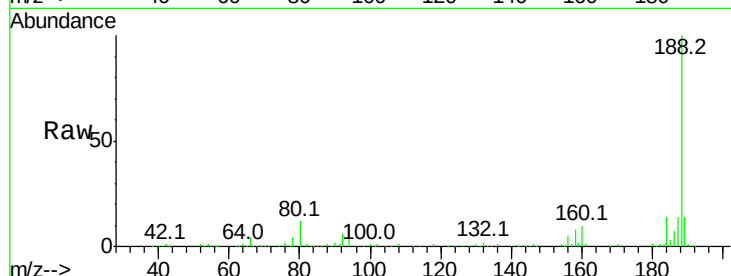
Tot Ion:188 Resp: 234311

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

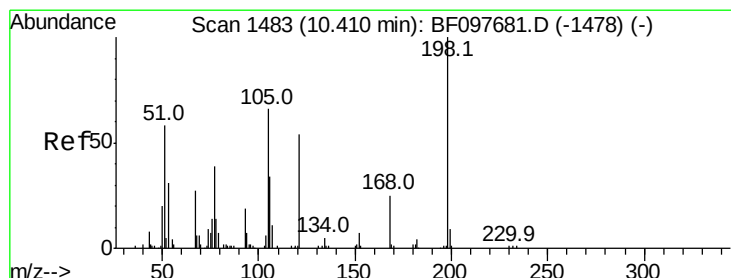
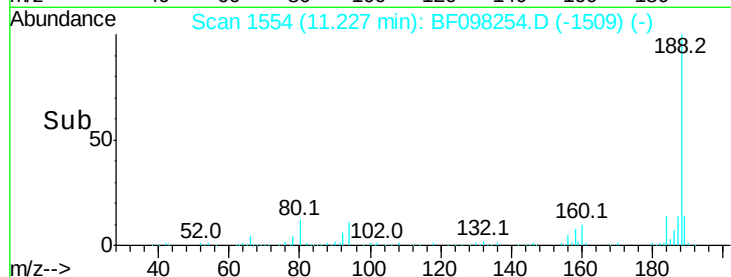
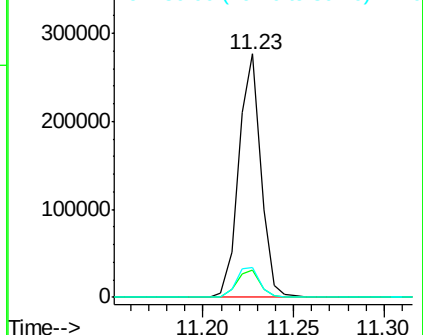
80 12.1 10.2 15.2



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: 8.518 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.15 min

Lab File: BF098254.D

Acq: 2 Sep 2017 19:08

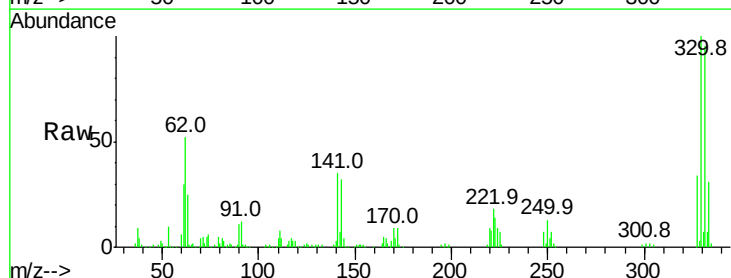
Tgt Ion:198 Resp: 263

Ion Ratio Lower Upper

198 100

51 129.9 53.2 93.2#

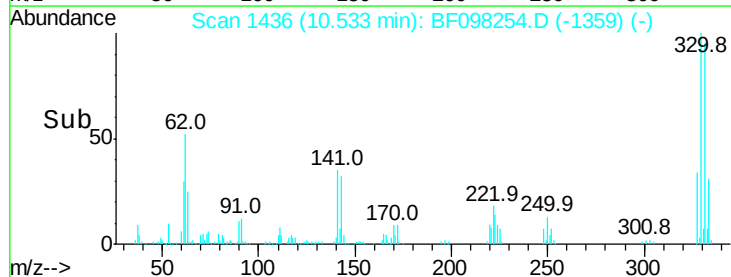
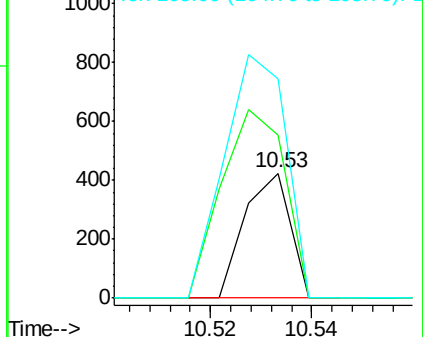
105 175.3 45.8 85.8#

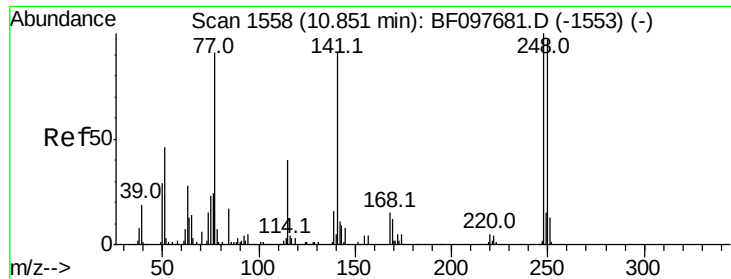


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

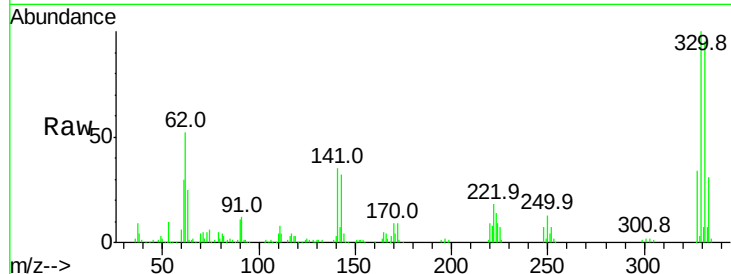




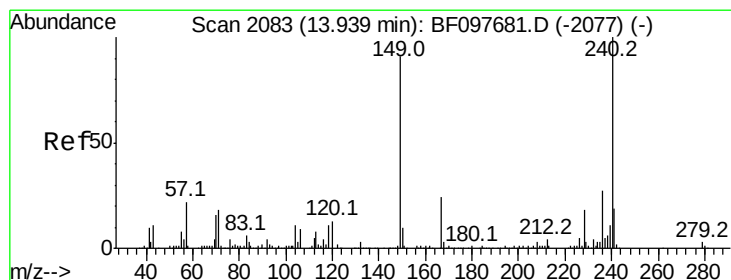
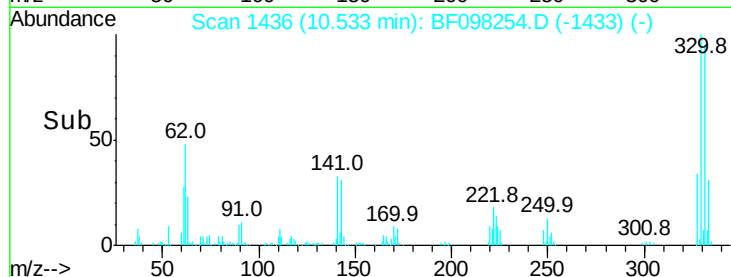
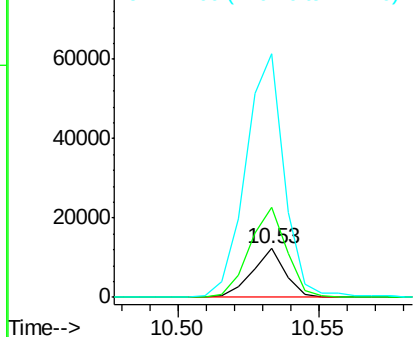
#66
4-Bromophenyl-phenylether
Concen: 4.154 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.28 min
Lab File: BF098254.D
Acq: 2 Sep 2017 19:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10107
Ion Ratio Lower Upper
248 100
250 185.7 76.8 115.2#
141 500.9 68.6 103.0#

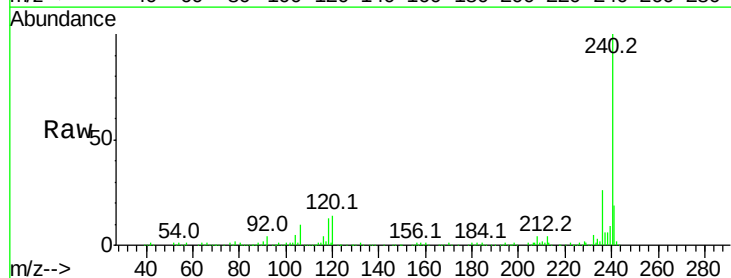


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

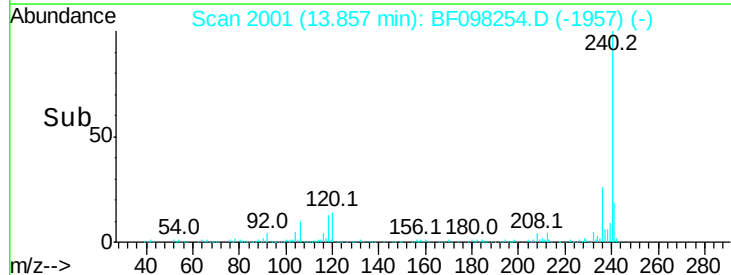
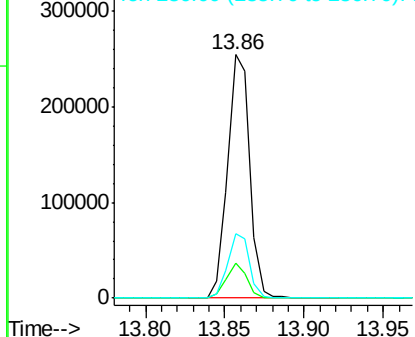


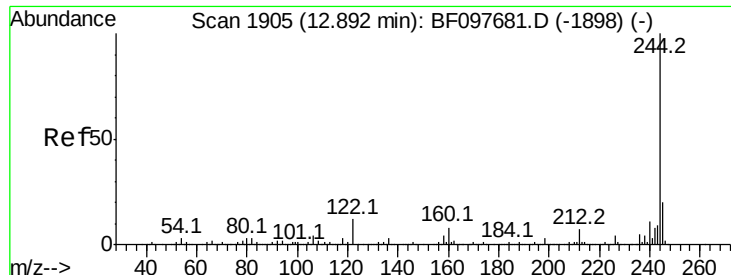
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.04 min
Lab File: BF098254.D
Acq: 2 Sep 2017 19:08

Tgt Ion:240 Resp: 246714
Ion Ratio Lower Upper
240 100
120 14.3 5.8 8.8#
236 26.3 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

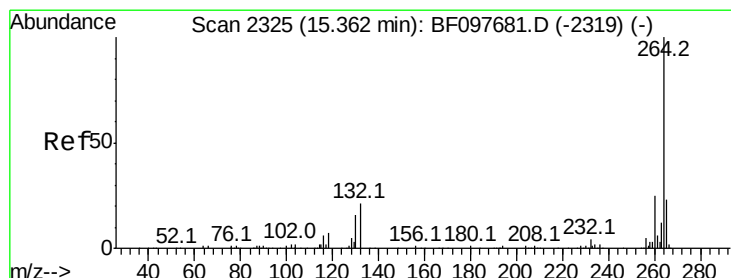
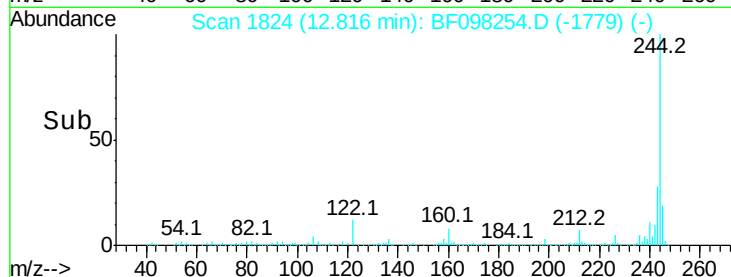
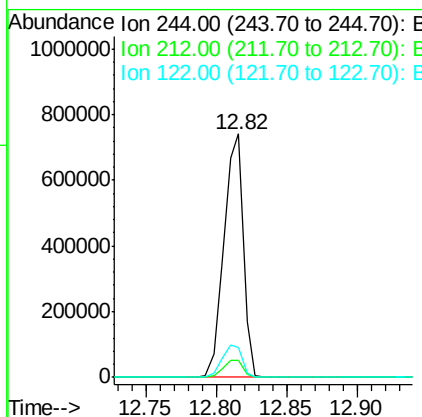
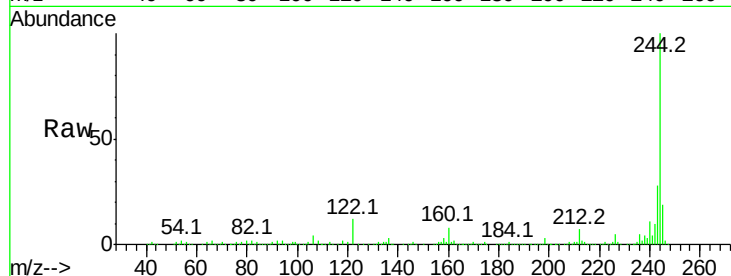




#78
 Terphenyl-d14
 Concen: 59.825 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.04 min
 Lab File: BF098254.D
 Acq: 2 Sep 2017 19:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	12.3	10.3	15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.04 min
 Lab File: BF098254.D
 Acq: 2 Sep 2017 19:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.2	17.2	25.8

