

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090217\
 Data File : BF098262.D
 Acq On : 2 Sep 2017 22:52
 Operator : SJ/JU
 Sample : I5028-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 07:28:59 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

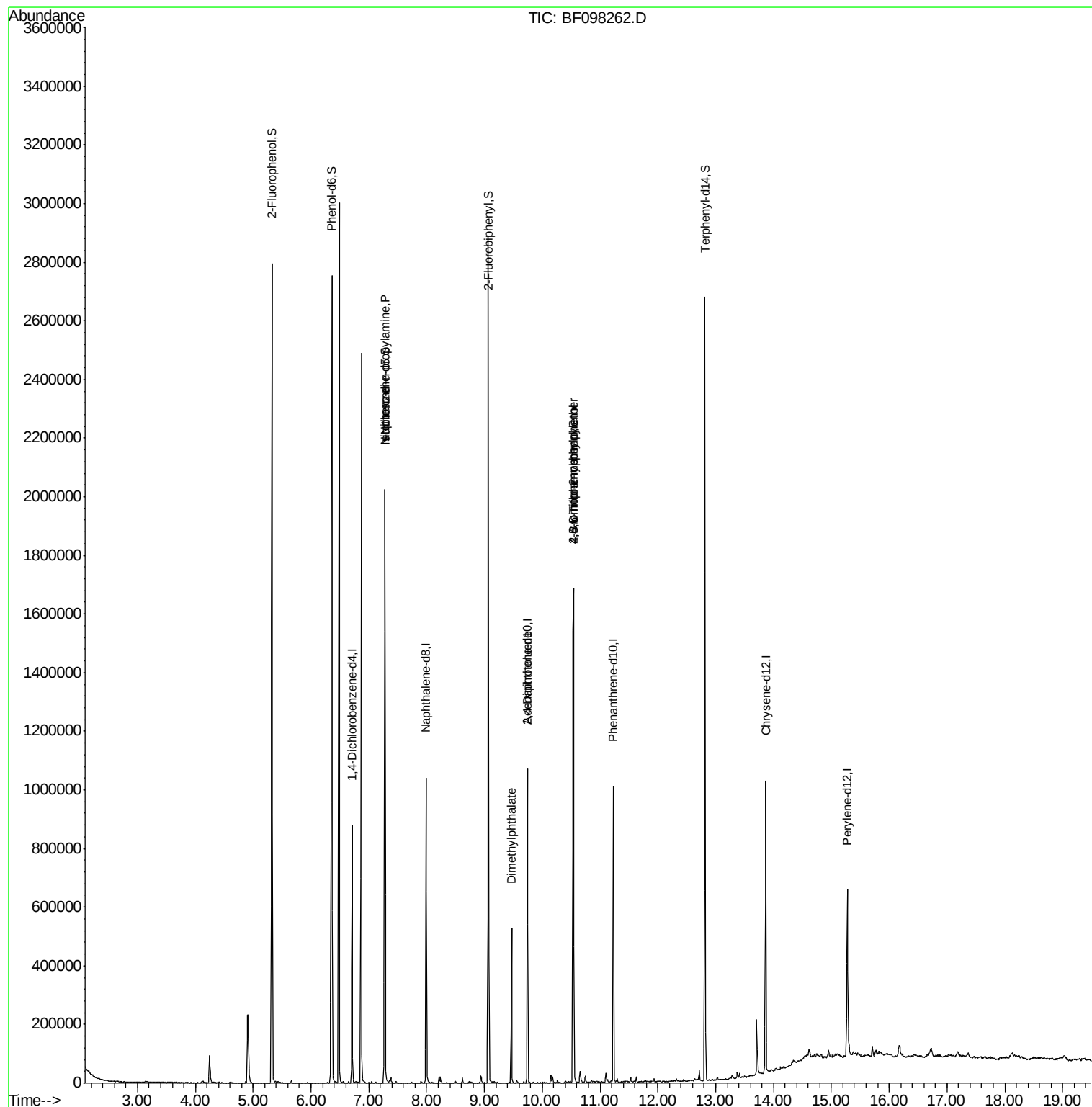
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	112816	20.00	ng	-0.04
21) Naphthalene-d8	7.99	136	434963	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	183786	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	340376	20.00	ng	-0.04
75) Chrysene-d12	13.86	240	308460	20.00	ng	-0.04
86) Perylene-d12	15.28	264	241867	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	903211	121.78	ng	-0.02
7) Phenol-d6	6.36	99	1216072	120.67	ng	-0.02
23) Nitrobenzene-d5	7.28	82	747047	93.30	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	215835	135.35	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	1007742	80.56	ng	-0.04
78) Terphenyl-d14	12.82	244	830798	56.17	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	99385	14.407	ng	# 70
25) Isophorone	7.28	82	733624	44.064	ng	# 67
49) Dimethylphthalate	9.47	163	207932	15.478	ng	# 97
56) 2,4-Dinitrotoluene	9.75	165	22784	6.770	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.54	198	324	8.488	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	13976	3.954	ng	# 1

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

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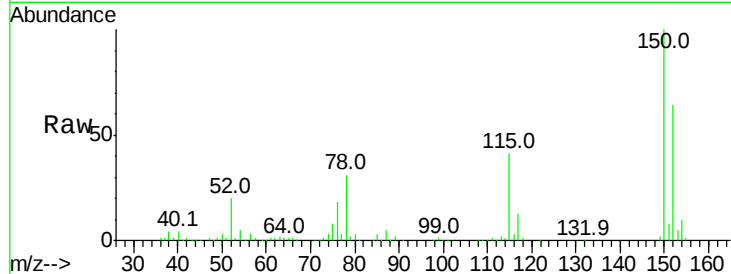


#1

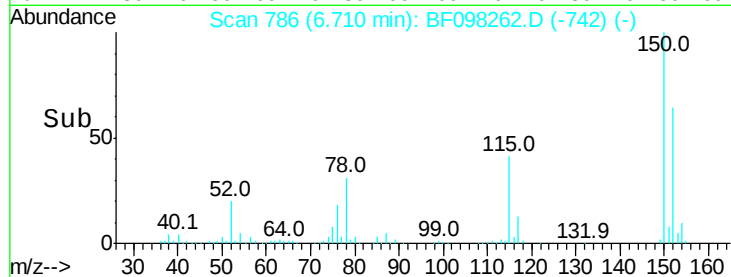
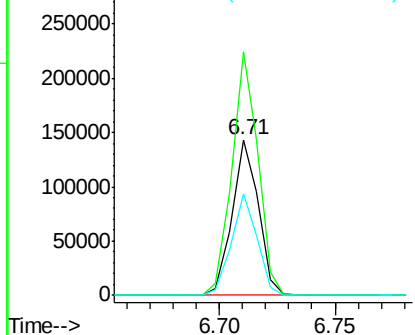
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.04 min
 Lab File: BF098262.D
 Acq: 2 Sep 2017 22:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 112816
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.2 189.2
 115 64.9 52.2 78.2



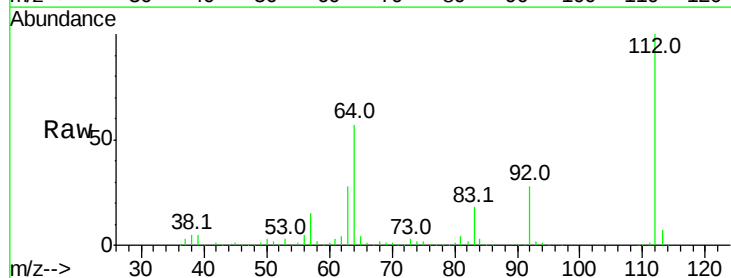
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



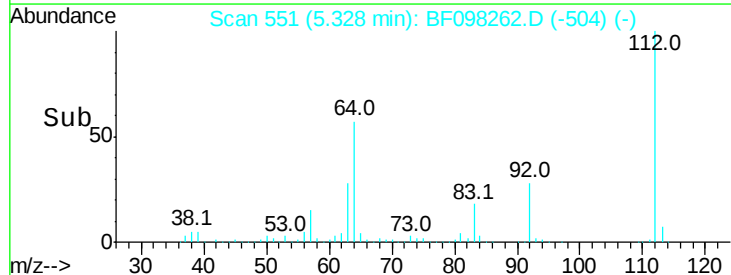
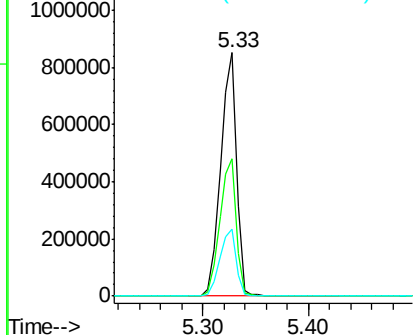
#5

2-Fluorophenol
 Concen: 121.778 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF098262.D
 Acq: 2 Sep 2017 22:52

Tgt Ion:112 Resp: 903211
 Ion Ratio Lower Upper
 112 100
 64 56.5 46.0 69.0
 63 27.6 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: 120.673 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098262.D

Acq: 2 Sep 2017 22:52

Instrument :

BNA_F

ClientSampleId :

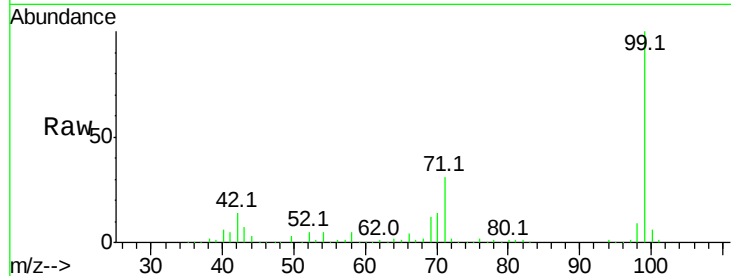
Tot Ion: 99 Resp: 1216072

Ion Ratio Lower Upper

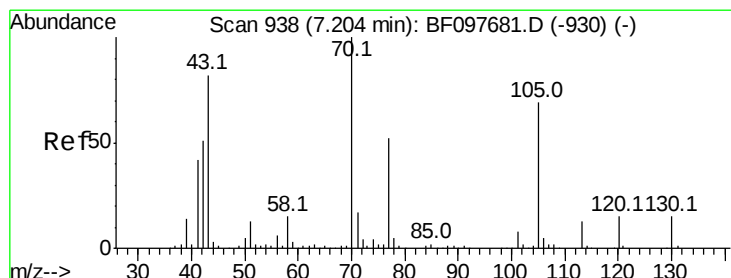
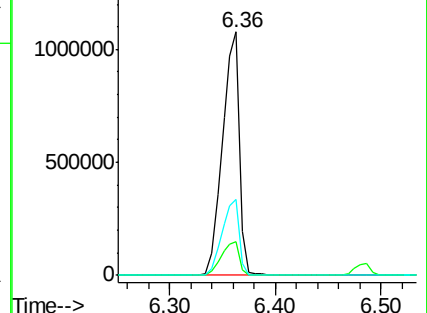
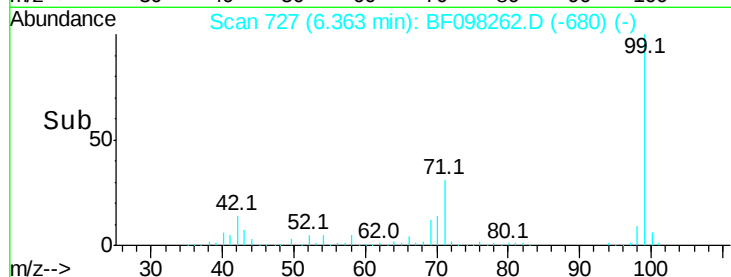
99 100

42 13.9 13.5 20.3

71 31.3 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: 14.407 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.11 min

Lab File: BF098262.D

Acq: 2 Sep 2017 22:52

Tgt Ion: 70 Resp: 99385

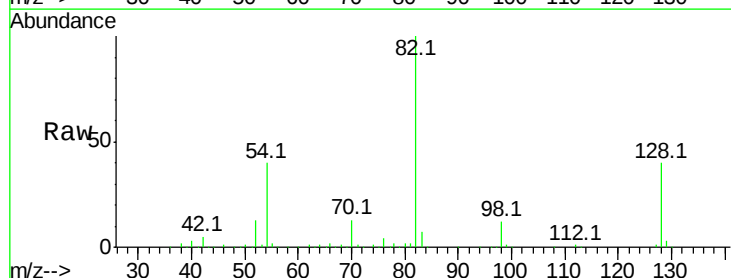
Ion Ratio Lower Upper

70 100

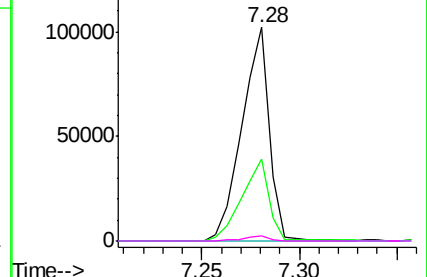
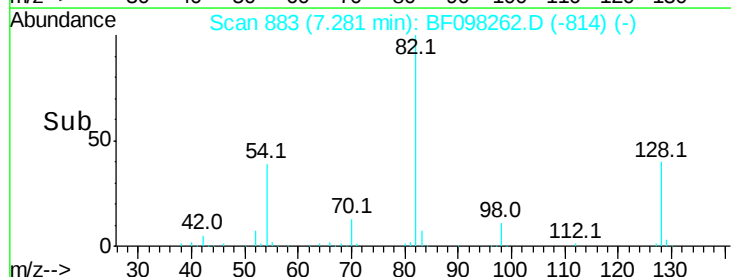
42 38.1 47.2 70.8#

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

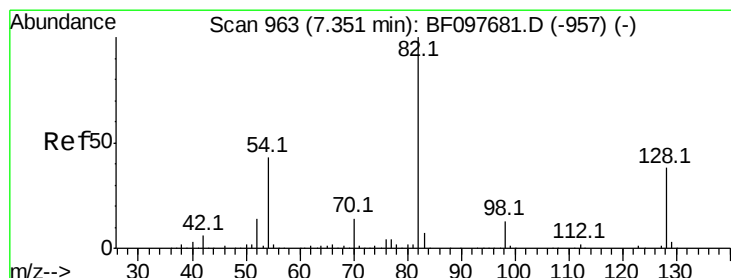
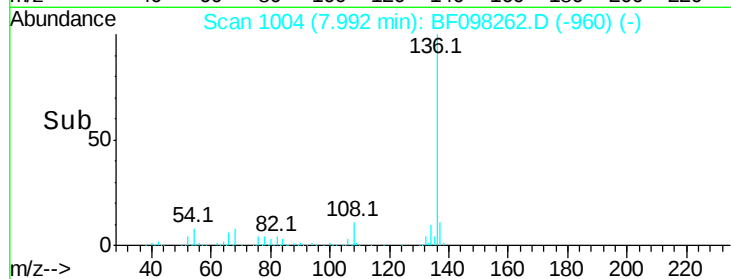
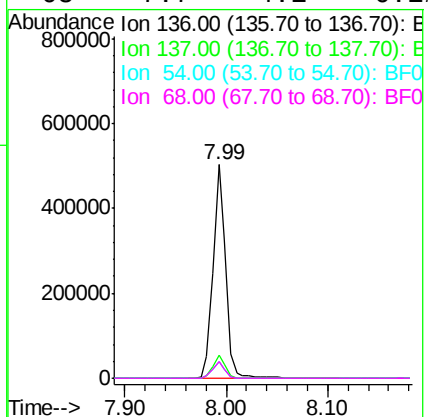
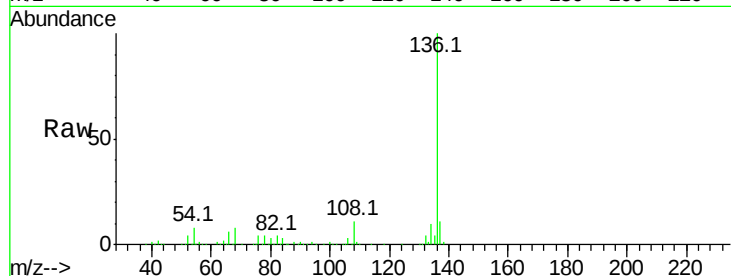




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF098262.D
Acq: 2 Sep 2017 22:52

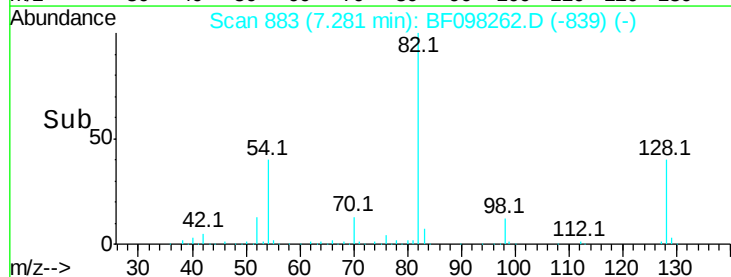
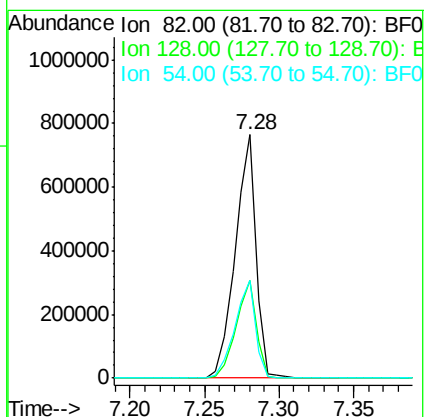
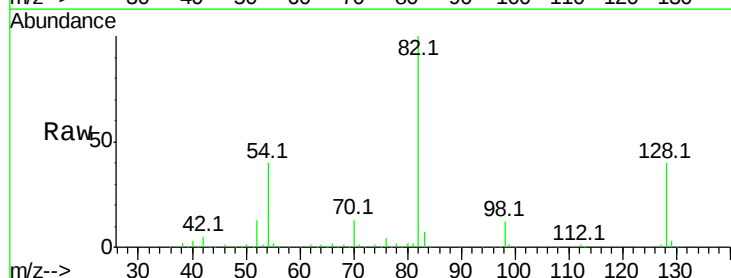
Instrument :
BNA_F
ClientSampleId :

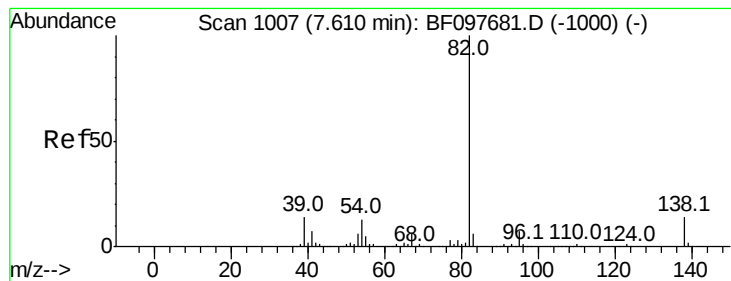
Tot Ion:136 Resp: 434963
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.5 4.9 7.3#
68 7.7 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 93.302 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF098262.D
Acq: 2 Sep 2017 22:52

Tgt Ion: 82 Resp: 747047
Ion Ratio Lower Upper
82 100
128 40.2 34.0 51.0
54 40.3 42.2 63.2#





#25

Isophorone

Concen: 44.064 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.30 min

Lab File: BF098262.D

Acq: 2 Sep 2017 22:52

Instrument :

BNA_F

ClientSampled :

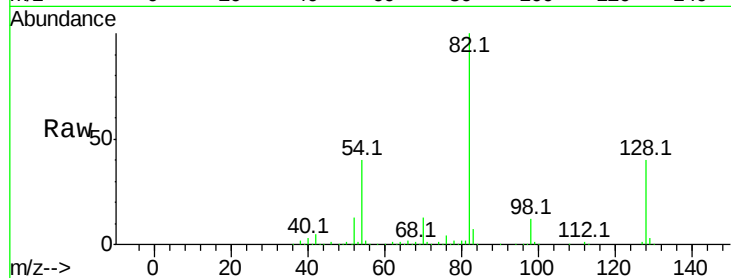
Tot Ion: 82 Resp: 733624

Ion Ratio Lower Upper

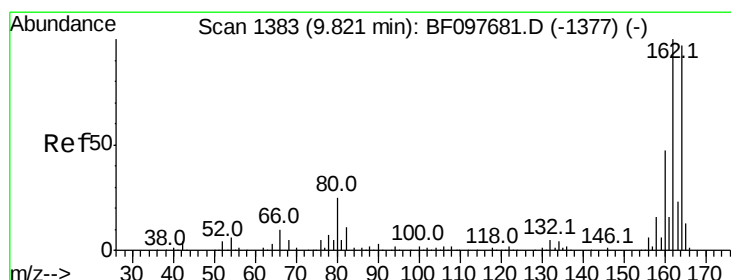
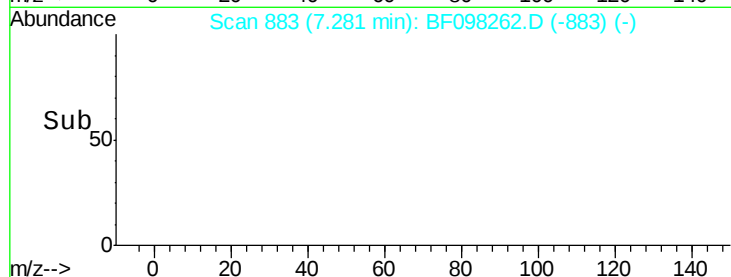
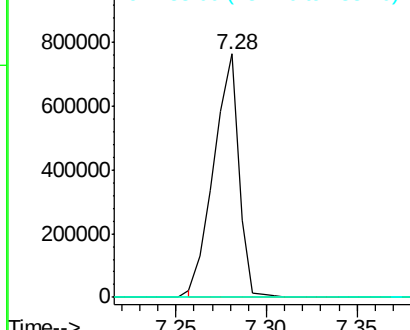
82 100

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: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.04 min

Lab File: BF098262.D

Acq: 2 Sep 2017 22:52

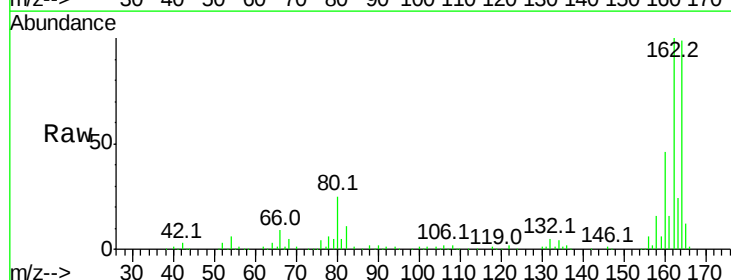
Tgt Ion:164 Resp: 183786

Ion Ratio Lower Upper

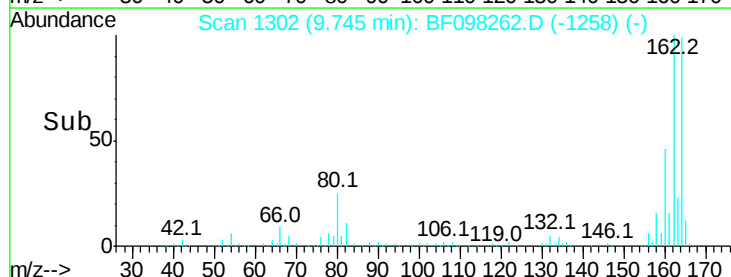
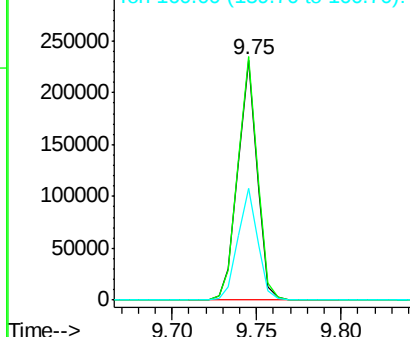
164 100

162 101.4 82.6 123.8

160 46.3 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

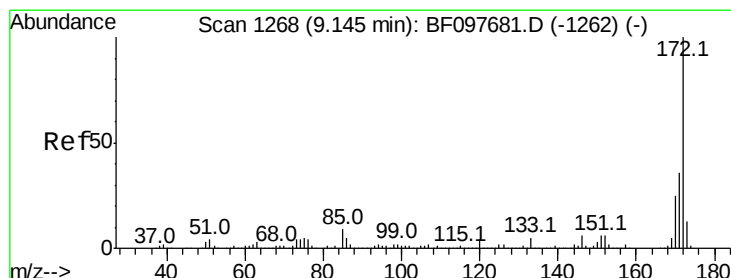
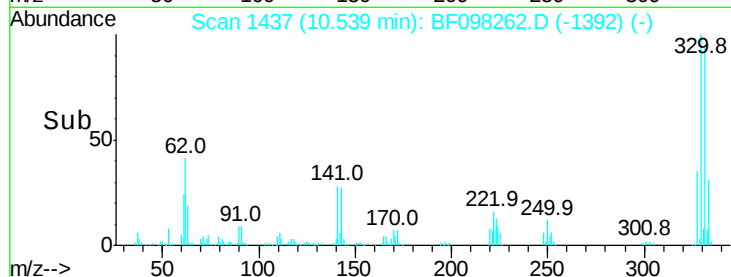
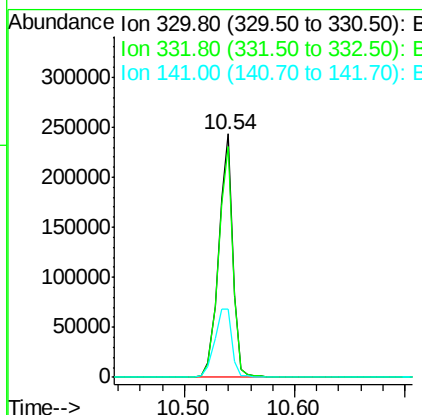
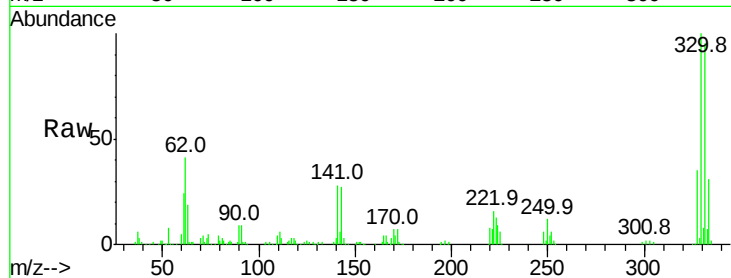




#41
 2,4,6-Tribromophenol
 Concen: 135.350 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.04 min
 Lab File: BF098262.D
 Acq: 2 Sep 2017 22:52

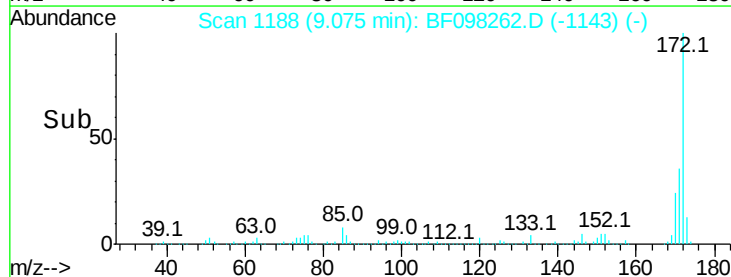
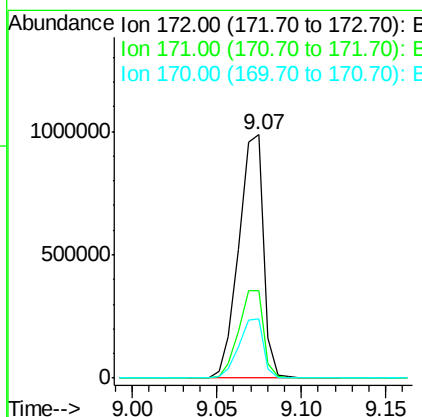
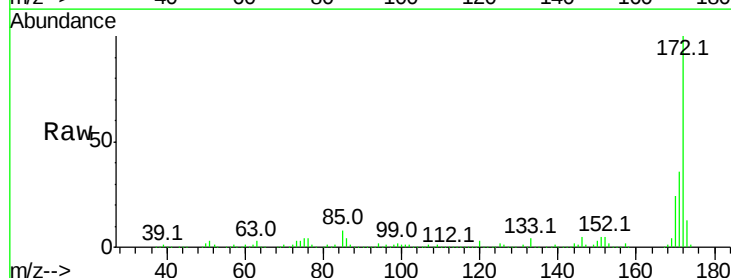
Instrument :
 BNA_F
 ClientSampleId :

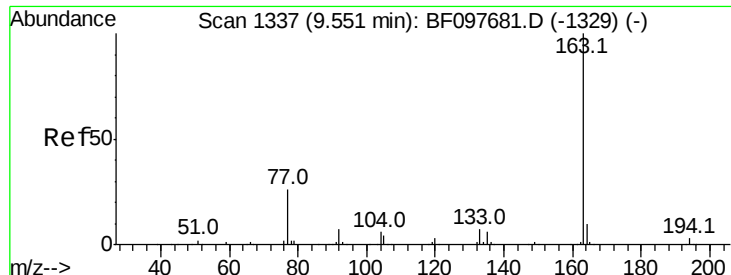
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	34.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 80.560 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.04 min
 Lab File: BF098262.D
 Acq: 2 Sep 2017 22:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.4	19.8	29.8

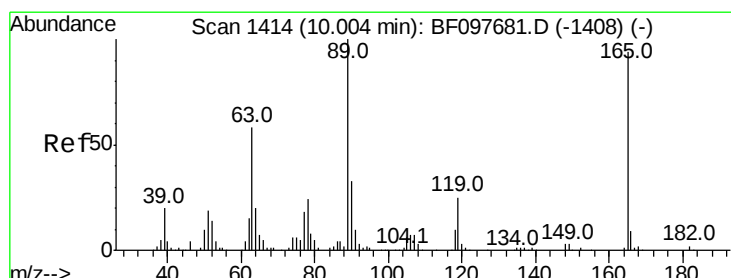
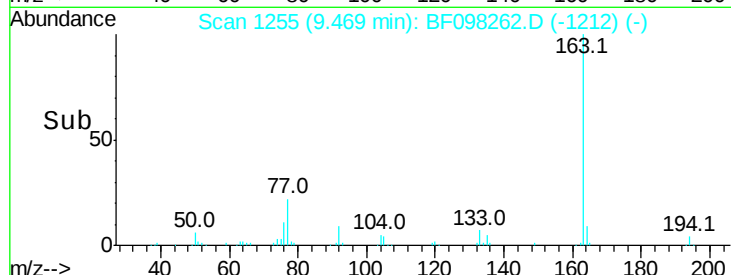
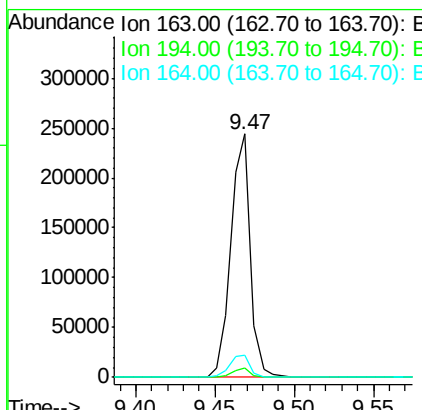
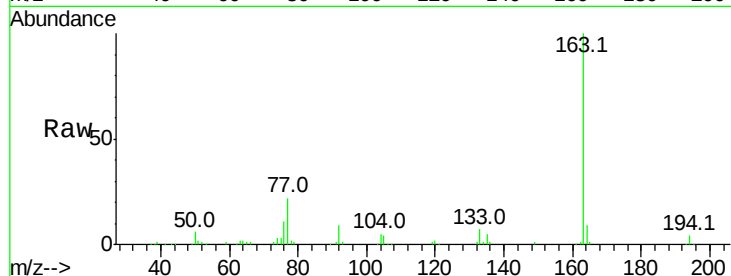




#49
 Dimethylphthalate
 Concen: 15.478 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.05 min
 Lab File: BF098262.D
 Acq: 2 Sep 2017 22:52

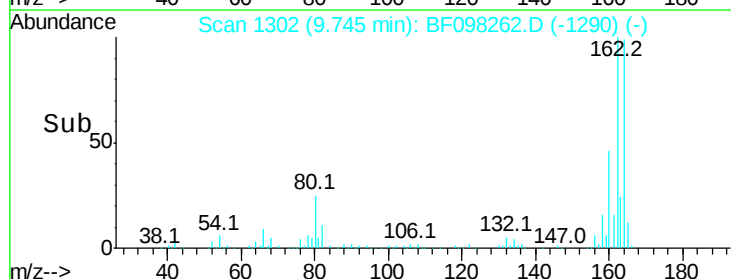
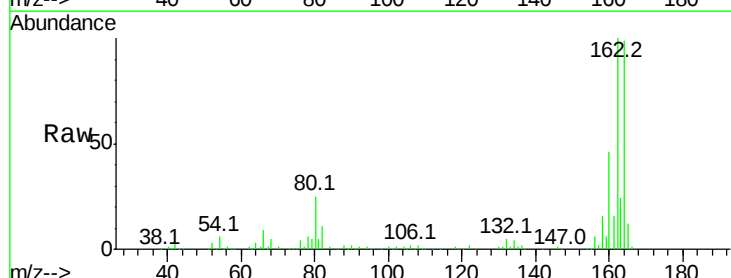
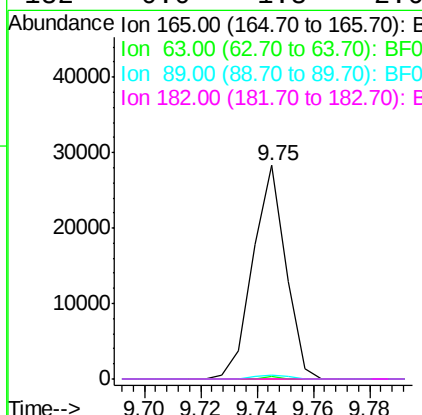
Instrument :
 BNA_F
 ClientSampleId :

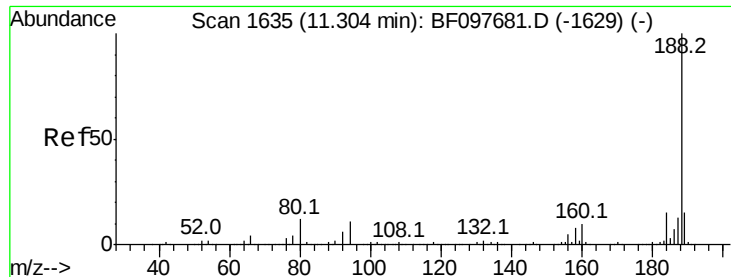
Tot Ion:	163	Resp:	207932
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.4	8.4	12.6



#56
 2,4-Dinitrotoluene
 Concen: 6.770 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.23 min
 Lab File: BF098262.D
 Acq: 2 Sep 2017 22:52

Tgt Ion:	165	Resp:	22784
Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

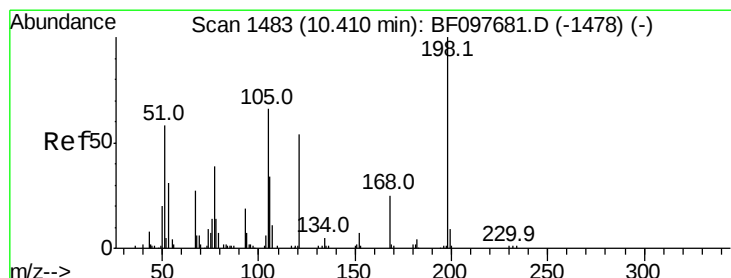
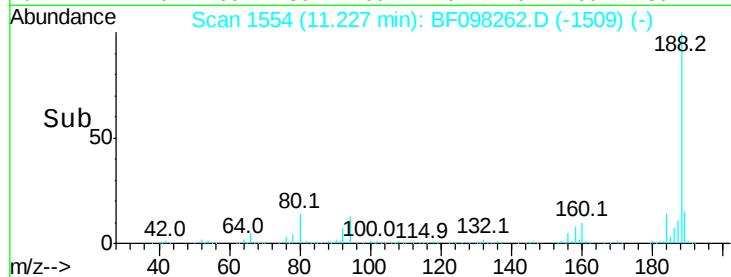
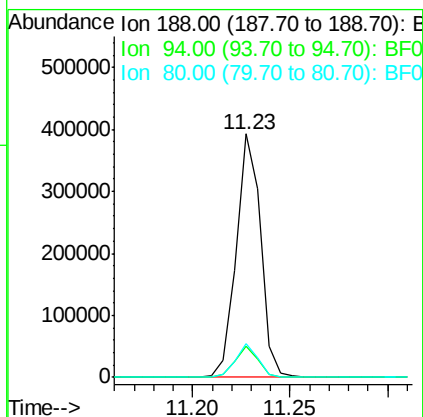
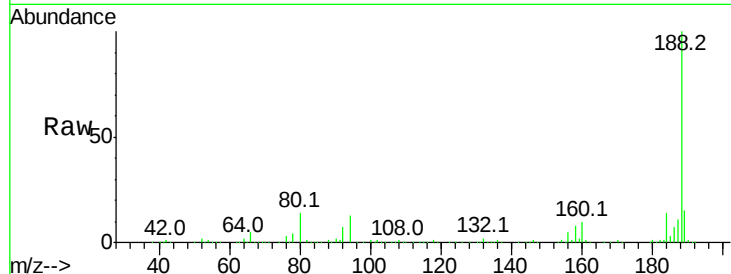




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.04 min
 Lab File: BF098262.D
 Acq: 2 Sep 2017 22:52

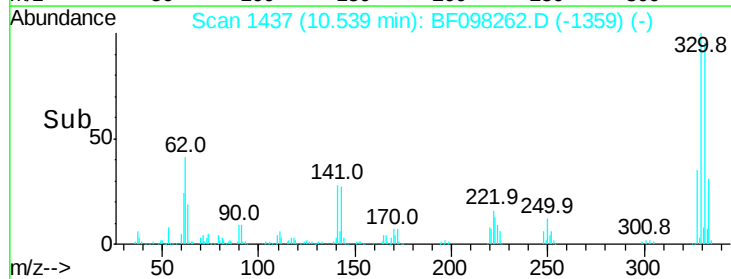
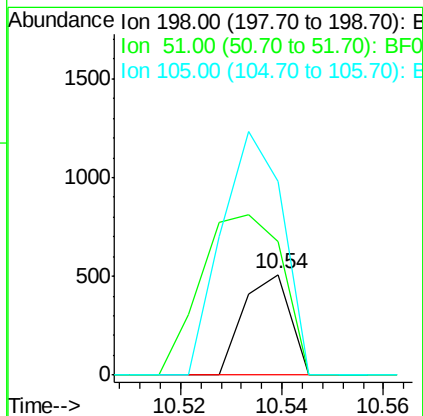
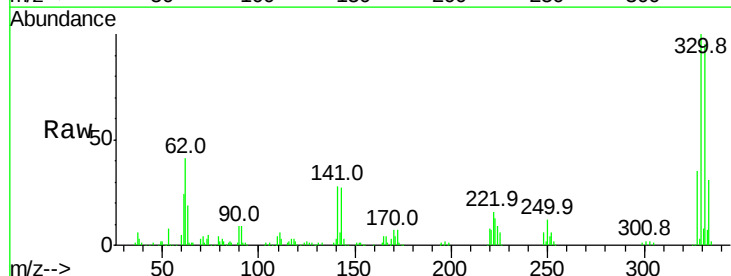
Instrument :
 BNA_F
 ClientSampleId :

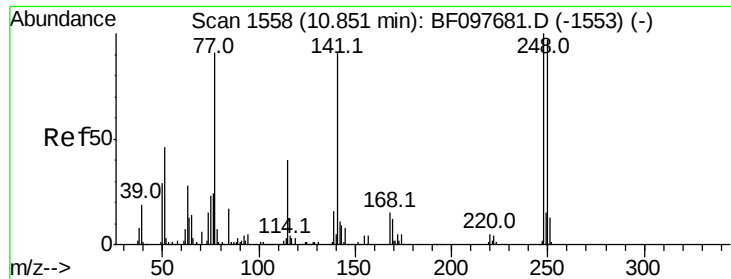
Tot Ion:188 Resp: 340376
 Ion Ratio Lower Upper
 188 100
 94 12.5 9.4 14.2
 80 13.7 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.488 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.16 min
 Lab File: BF098262.D
 Acq: 2 Sep 2017 22:52

Tgt Ion:198 Resp: 324
 Ion Ratio Lower Upper
 198 100
 51 133.2 53.2 93.2#
 105 193.1 45.8 85.8#

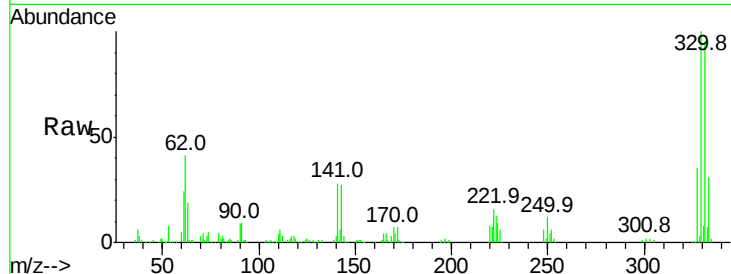




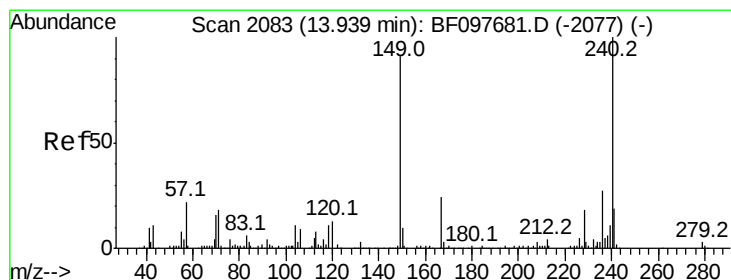
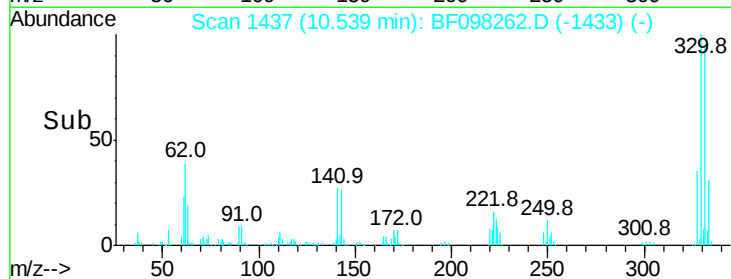
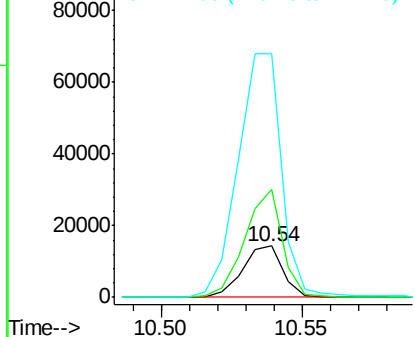
#66
4-Bromophenyl-phenylether
Concen: 3.954 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.28 min
Lab File: BF098262.D
Acq: 2 Sep 2017 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13976
Ion Ratio Lower Upper
248 100
250 210.0 76.8 115.2#
141 471.6 68.6 103.0#

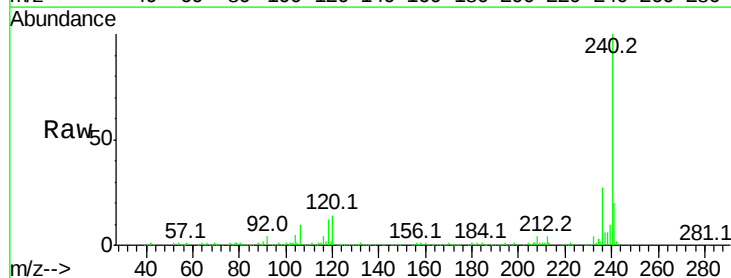


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

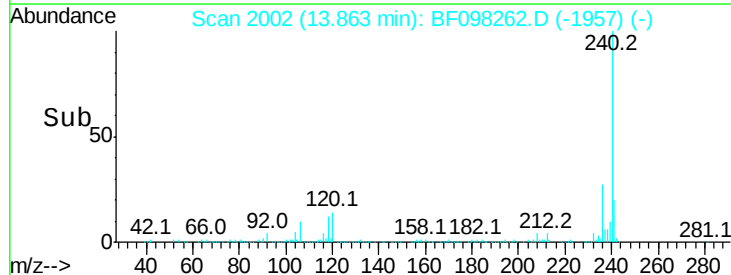
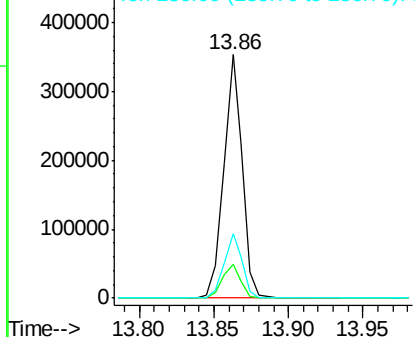


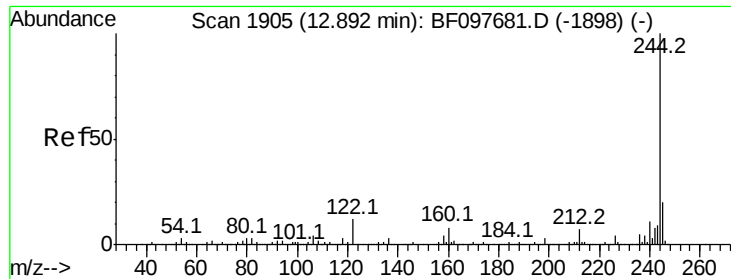
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.04 min
Lab File: BF098262.D
Acq: 2 Sep 2017 22:52

Tgt Ion:240 Resp: 308460
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 26.6 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

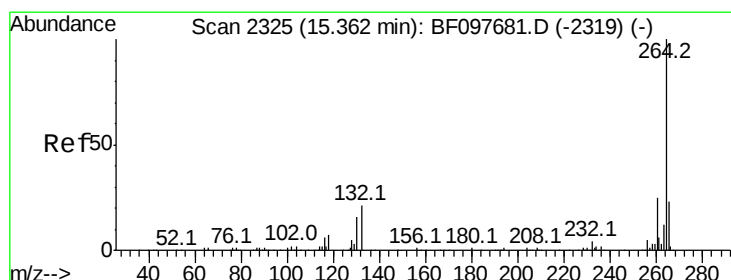
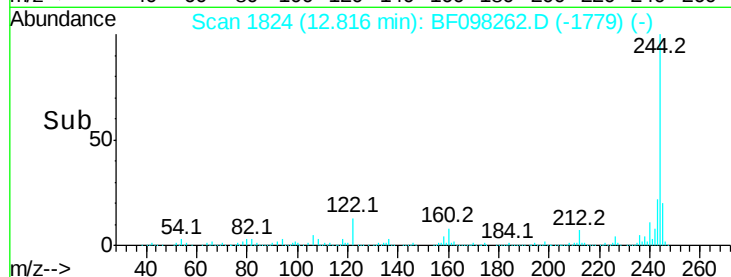
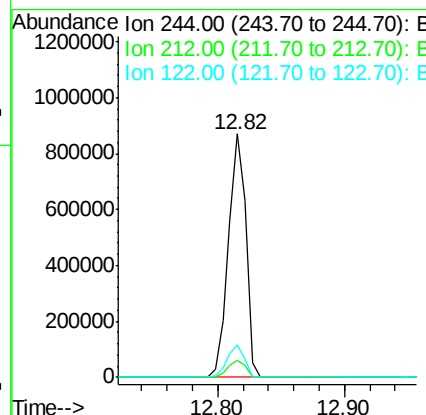
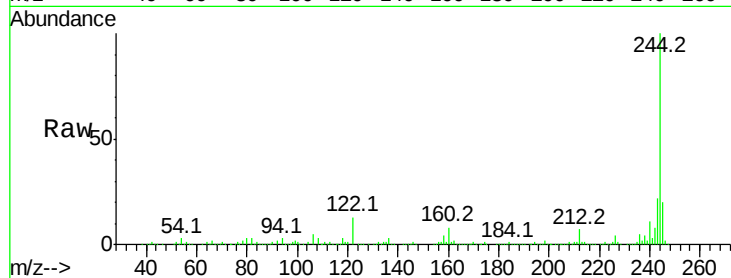




#78
 Terphenyl-d14
 Concen: 56.166 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.04 min
 Lab File: BF098262.D
 Acq: 2 Sep 2017 22:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 830798
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.3 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: BF098262.D
 Acq: 2 Sep 2017 22:52

Tgt Ion:264 Resp: 241867
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.8 17.2 25.8

