

Data Path : Z:\HPCHEM1\BNA F\Data\BF022018\
 Data File : BF103125.D
 Acq On : 20 Feb 2018 19:51
 Operator : SJ/JU
 Sample : J1624-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 08:48:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.875	152	172964	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	737596	20.00	ng	0.00
38) Acenaphthene-d10	9.910	164	332391	20.00	ng	-0.01
63) Phenanthrene-d10	11.404	188	566335	20.00	ng	0.00
75) Chrysene-d12	14.045	240	328881	20.00	ng	-0.01
86) Perylene-d12	15.533	264	311418	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.498	112	989564	86.89	ng	0.00
7) Phenol-d6	6.510	99	1187556	86.60	ng	0.00
23) Nitrobenzene-d5	7.439	82	764771	71.93	ng	0.00
41) 2,4,6-Tribromophenol	10.704	330	245874	91.90	ng	0.00
44) 2-Fluorobiphenyl	9.233	172	1181541	58.98	ng	0.00
78) Terphenyl-d14	12.986	244	944506	68.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	100759	11.14	ng	# 77
25) Isophorone	7.439	82	764762	31.24	ng	# 64
47) 2-Nitroaniline	9.622	65	1129	3.63	ng	# 1
49) Dimethylphthalate	9.622	163	110375	4.26	ng	100
50) 2,6-Dinitrotoluene	9.910	165	41767	8.47	ng	# 25
55) 4-Nitrophenol	10.116	139	123	4.05	ng	# 9
56) 2,4-Dinitrotoluene	9.910	165	41767	8.99	ng	# 23
64) 4,6-Dinitro-2-methylph...	10.704	198	399	8.95	ng	83
66) 4-Bromophenyl-phenylether	10.704	248	16354	2.73	ng	# 1

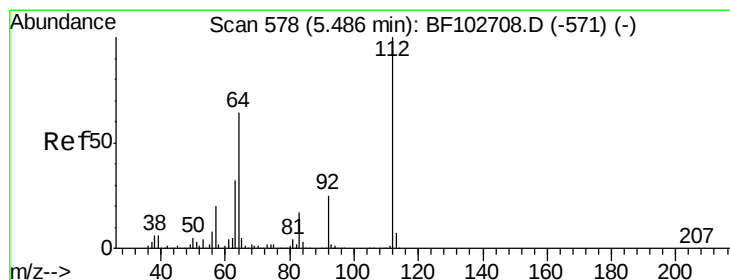
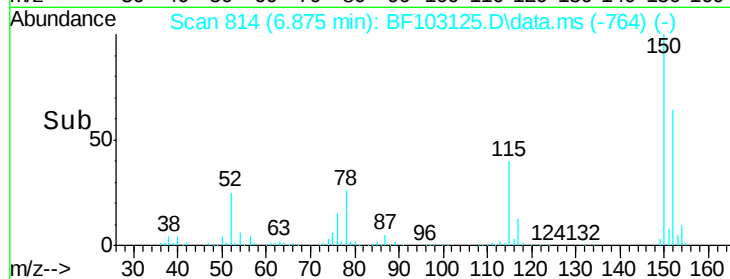
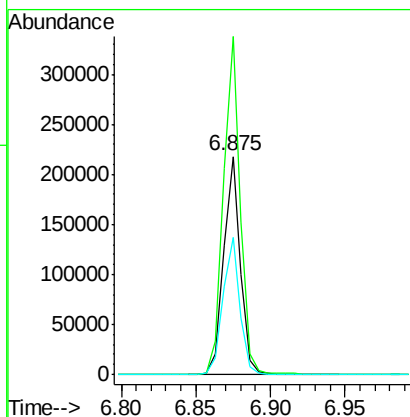
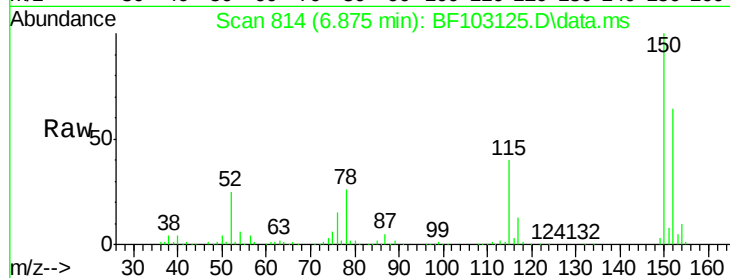
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF103125.D
 Acq: 20 Feb 2018 19:51

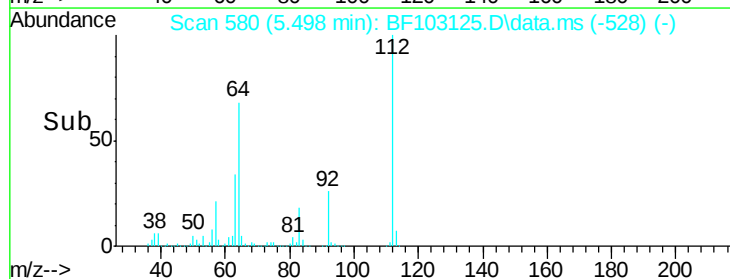
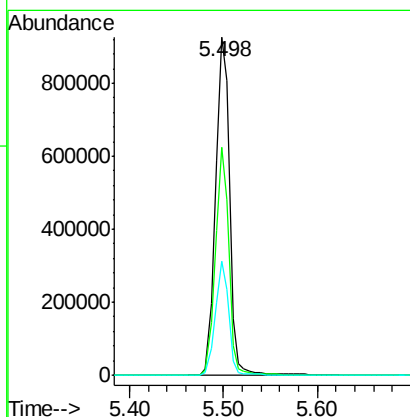
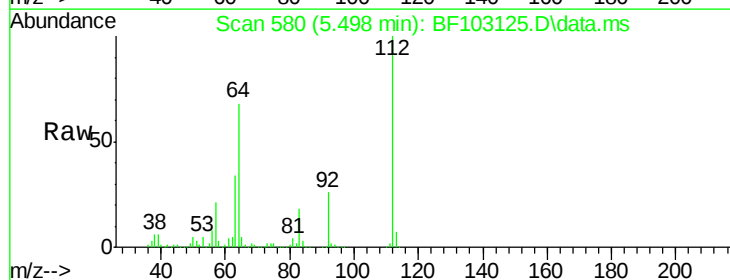
Instrument :
 BNA_F
 ClientSampleId :

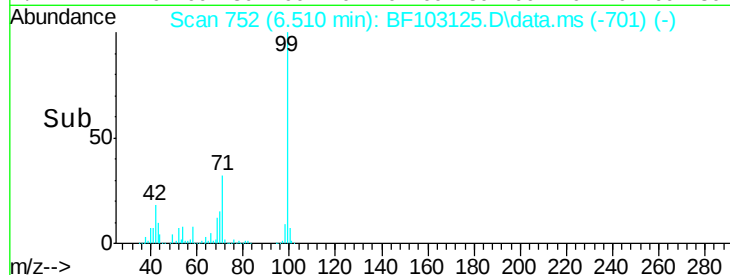
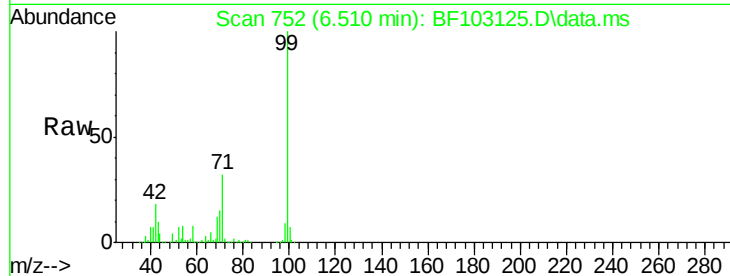
Tot Ion:152 Resp: 172964
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 62.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 86.89 ng
 RT: 5.498 min Scan# 580
 Delta R.T. 0.006 min
 Lab File: BF103125.D
 Acq: 20 Feb 2018 19:51

Tgt Ion:112 Resp: 989564
 Ion Ratio Lower Upper
 112 100
 64 67.6 47.9 71.9
 63 33.9 23.7 35.5





#7

Phenol-d6

Concen: 86.60 ng

RT: 6.510 min Scan# 75

Delta R.T. -0.000 min

Lab File: BF103125.D

Acq: 20 Feb 2018 19:51

Instrument :

BNA_F

ClientSampleId :

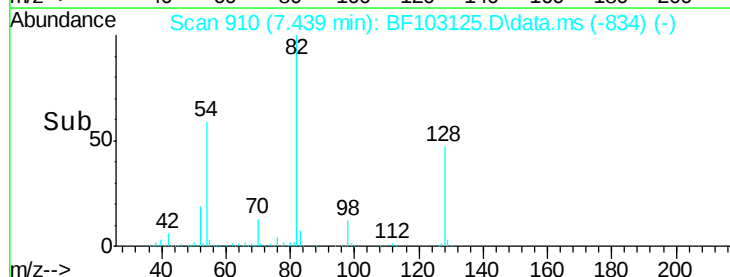
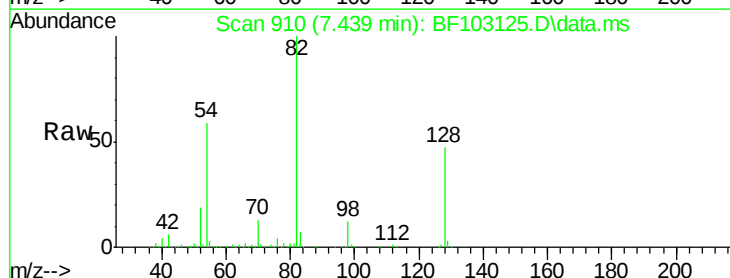
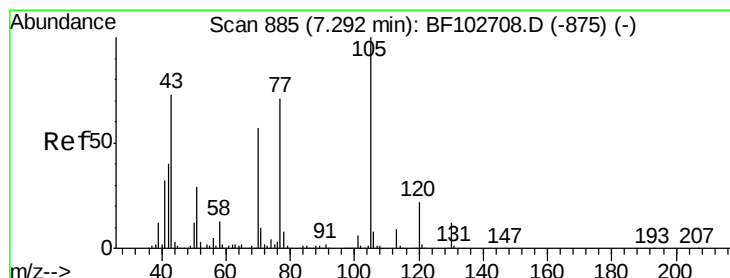
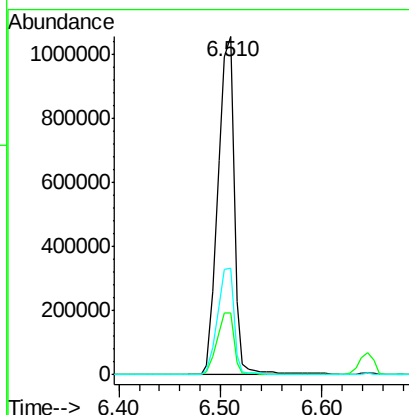
Tot Ion: 99 Resp: 1187556

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 31.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.14 ng

RT: 7.439 min Scan# 910

Delta R.T. 0.147 min

Lab File: BF103125.D

Acq: 20 Feb 2018 19:51

Tgt Ion: 70 Resp: 100759

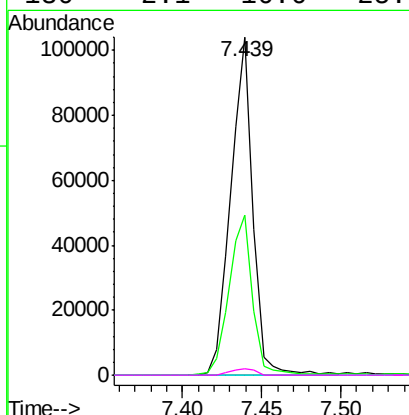
Ion Ratio Lower Upper

70 100

42 47.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF103125.D

Acq: 20 Feb 2018 19:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 737596

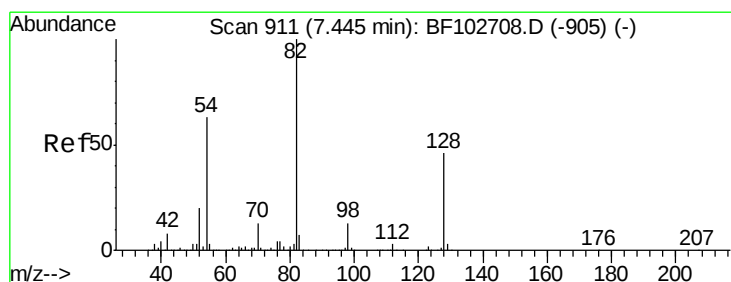
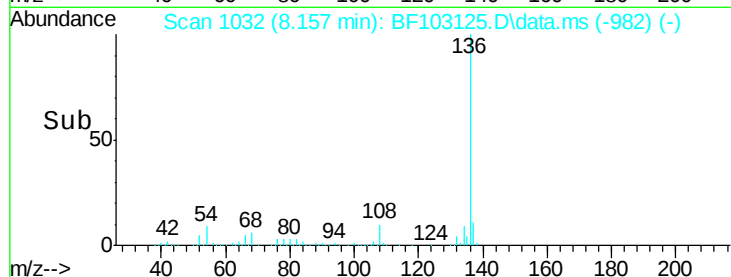
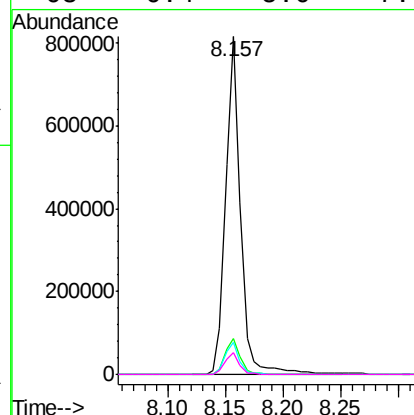
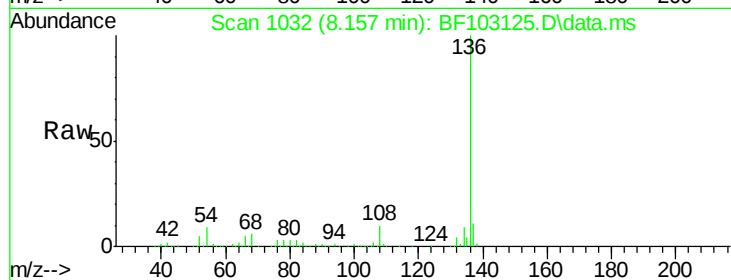
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.4 6.6 9.8

68 6.4 5.0 7.4



#23

Nitrobenzene-d5

Concen: 71.93 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF103125.D

Acq: 20 Feb 2018 19:51

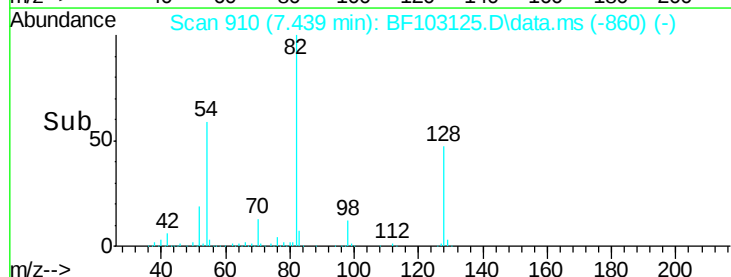
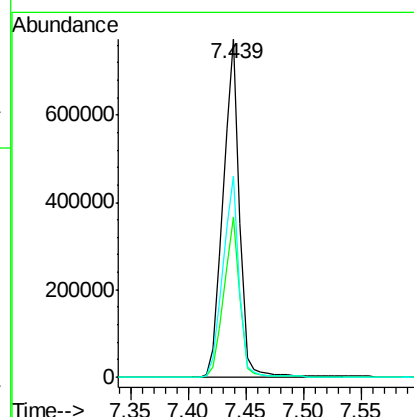
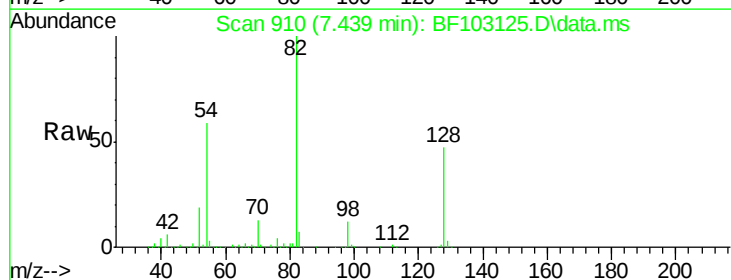
Tgt Ion: 82 Resp: 764771

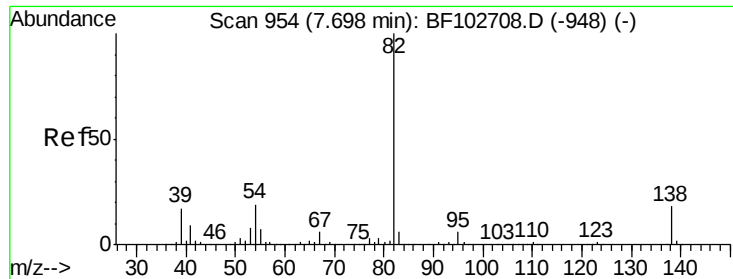
Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

54 59.3 41.4 62.2





#25

Isophorone

Concen: 31.24 ng

RT: 7.439 min Scan# 91

Delta R.T. -0.259 min

Lab File: BF103125.D

Acq: 20 Feb 2018 19:51

Instrument :

BNA_F

ClientSampleId :

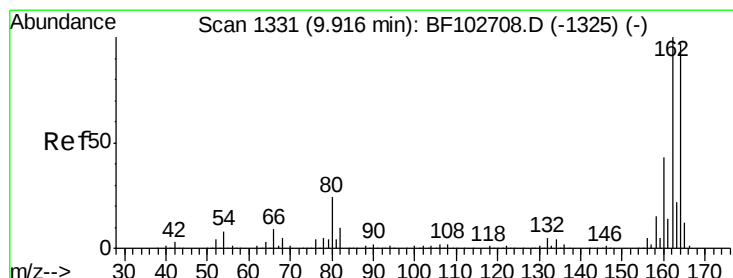
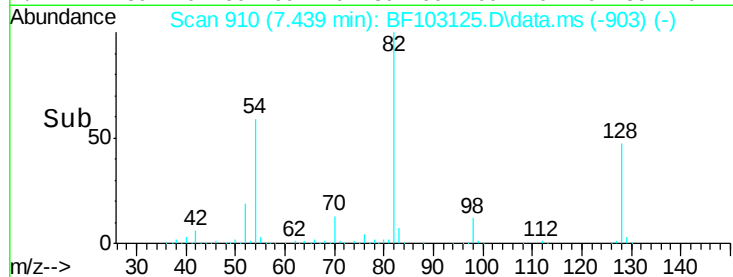
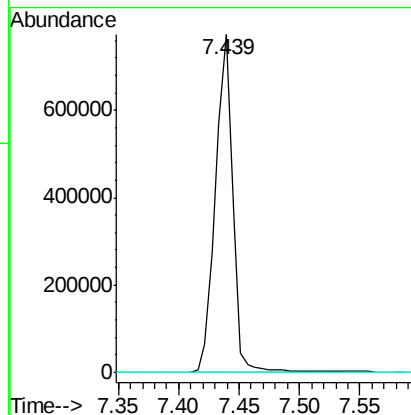
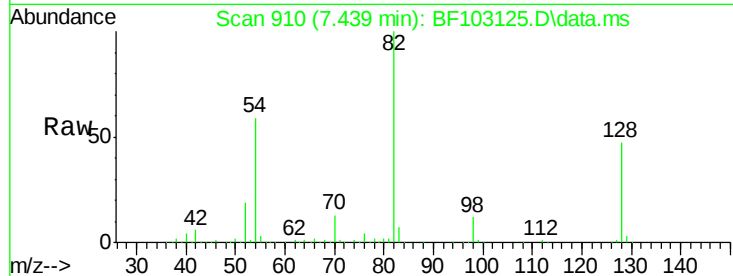
Tot Ion: 82 Resp: 764762

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.012 min

Lab File: BF103125.D

Acq: 20 Feb 2018 19:51

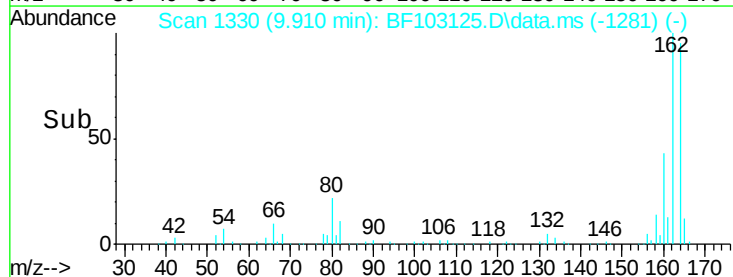
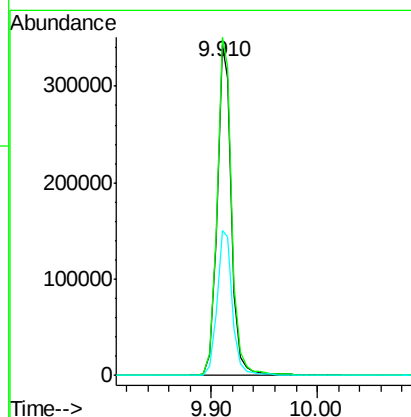
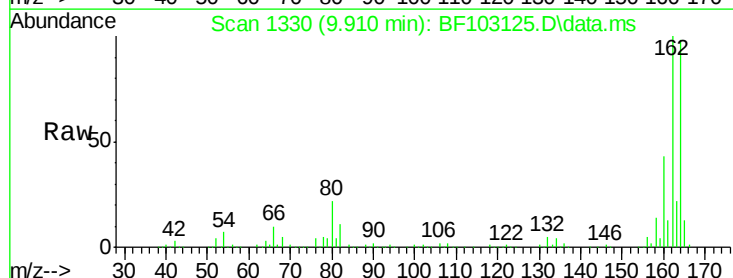
Tgt Ion:164 Resp: 332391

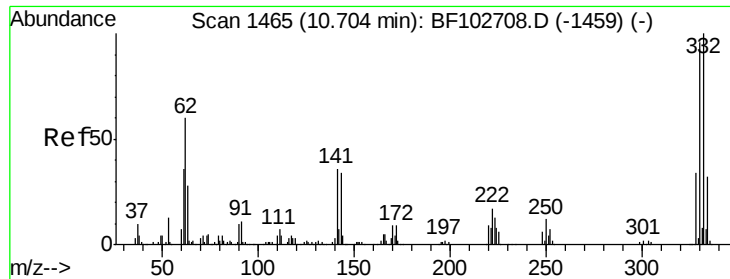
Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

160 44.0 38.3 57.5

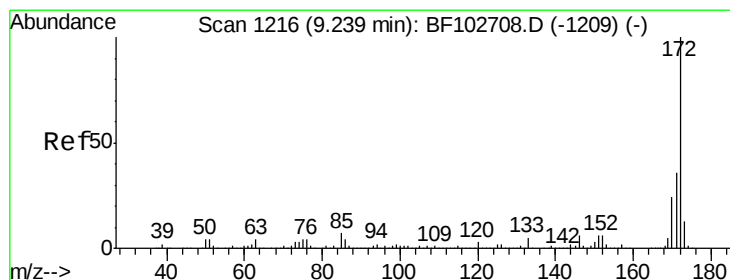
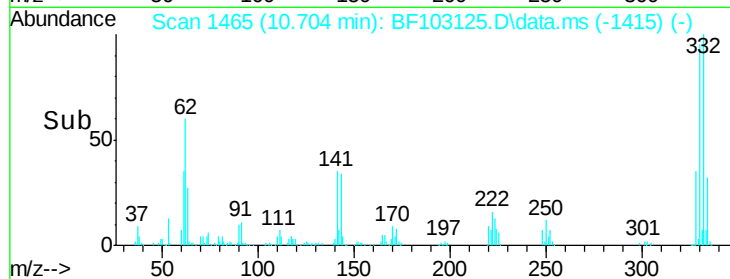
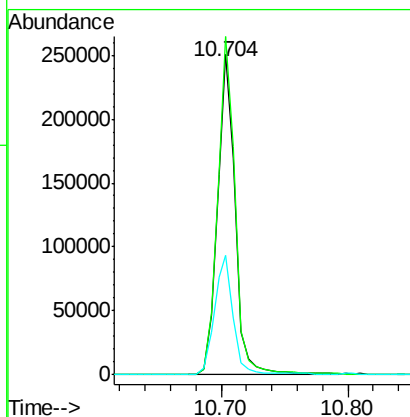
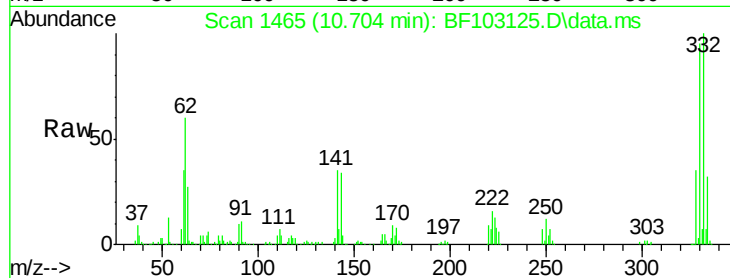




#41
 2,4,6-Tribromophenol
 Concen: 91.90 ng
 RT: 10.704 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BF103125.D
 Acq: 20 Feb 2018 19:51

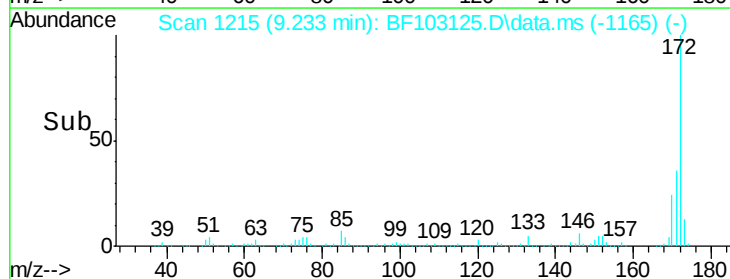
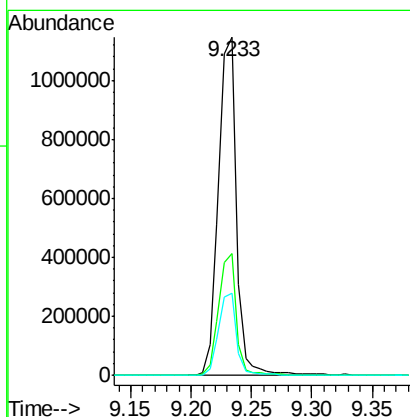
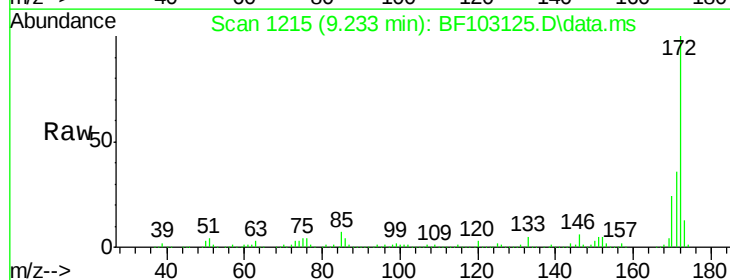
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.4	77.0	115.6
141	39.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 58.98 ng
 RT: 9.233 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: BF103125.D
 Acq: 20 Feb 2018 19:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4

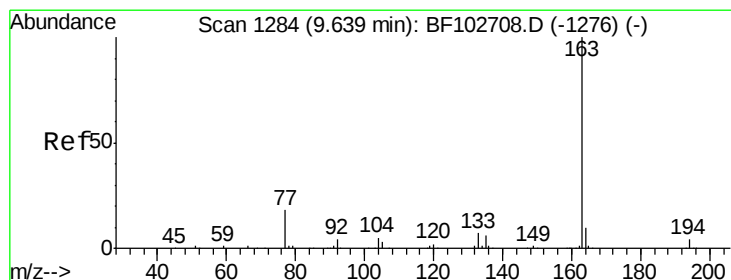
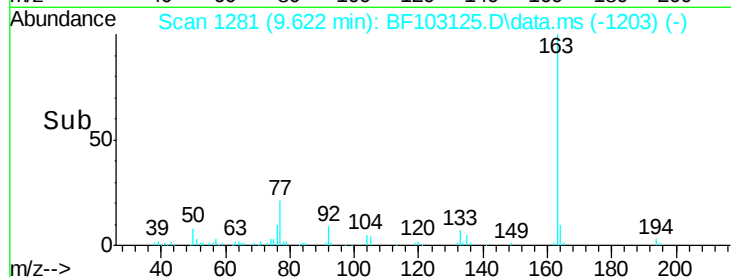
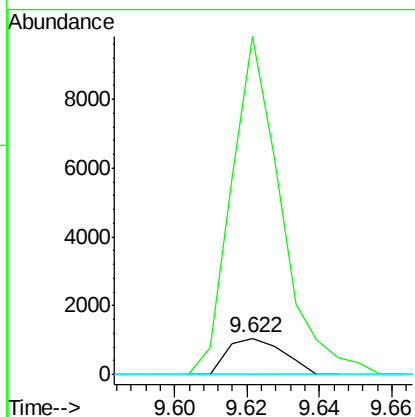
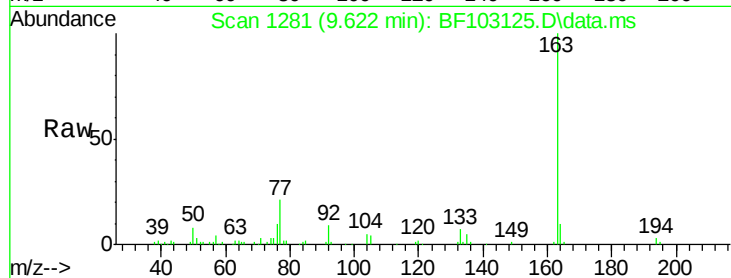




#47
2-Nitroaniline
Concen: 3.63 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.159 min
Lab File: BF103125.D
Acq: 20 Feb 2018 19:51

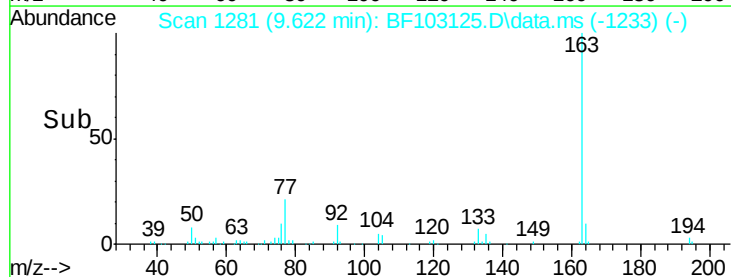
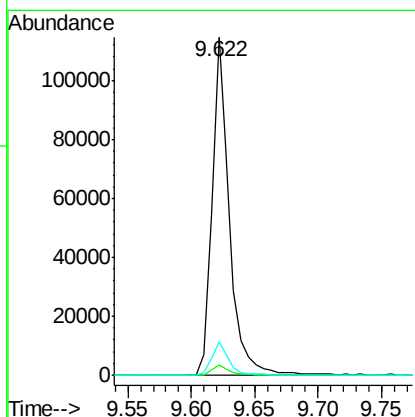
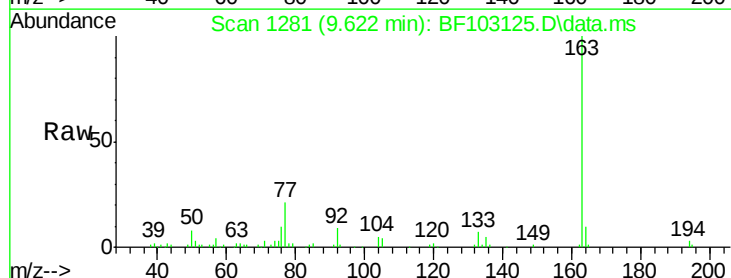
Instrument :
BNA_F
ClientSampleId :

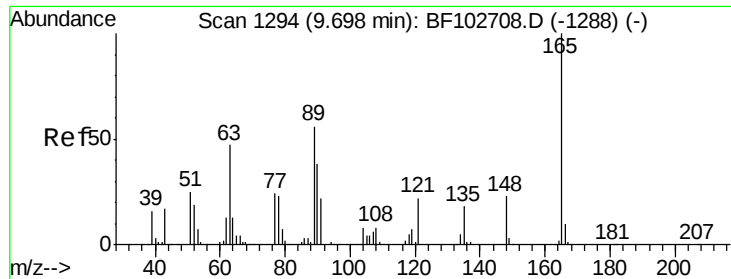
Tot Ion: 65 Resp: 1129
Ion Ratio Lower Upper
65 100
92 923.4 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 4.26 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF103125.D
Acq: 20 Feb 2018 19:51

Tgt Ion: 163 Resp: 110375
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.1 8.2 12.2

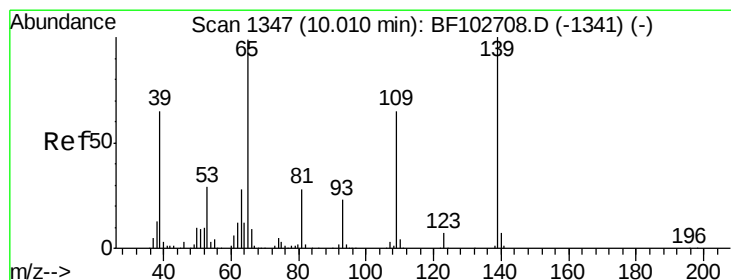
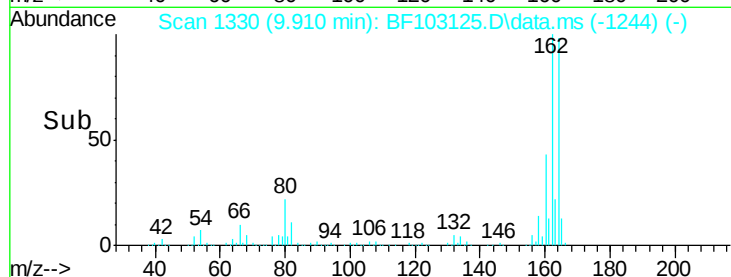
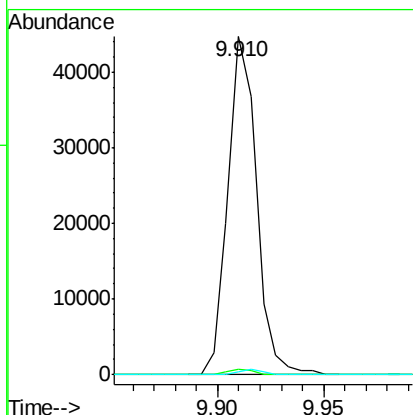
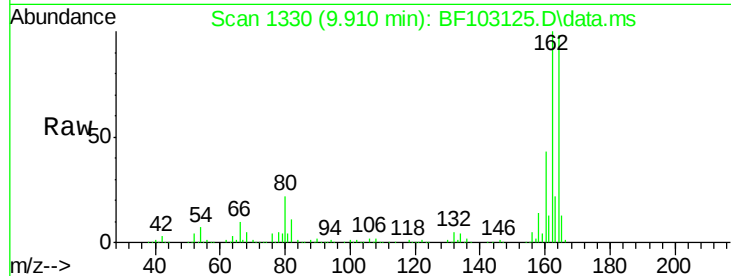




#50
 2,6-Dinitrotoluene
 Concen: 8.47 ng
 RT: 9.910 min Scan# 131
 Delta R.T. 0.206 min
 Lab File: BF103125.D
 Acq: 20 Feb 2018 19:51

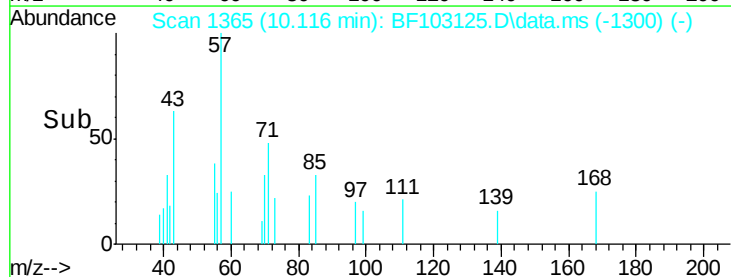
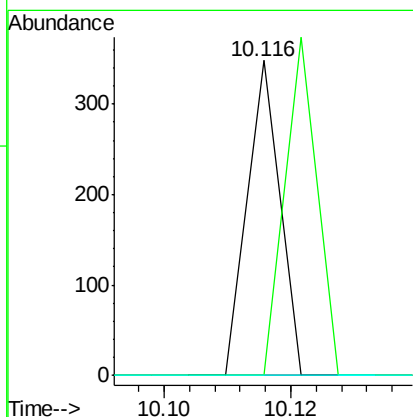
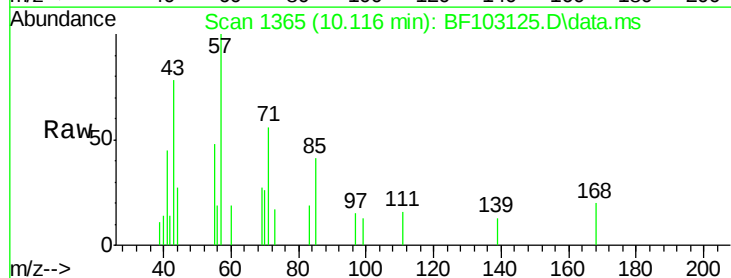
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.9	44.0	66.0#



#55
 4-Nitrophenol
 Concen: 4.05 ng
 RT: 10.116 min Scan# 1365
 Delta R.T. 0.082 min
 Lab File: BF103125.D
 Acq: 20 Feb 2018 19:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

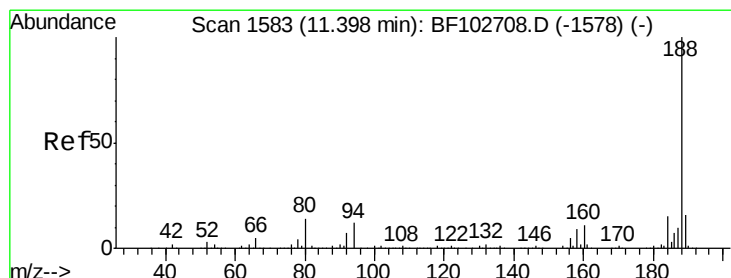
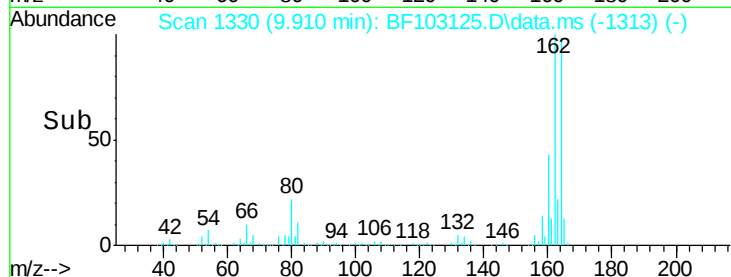
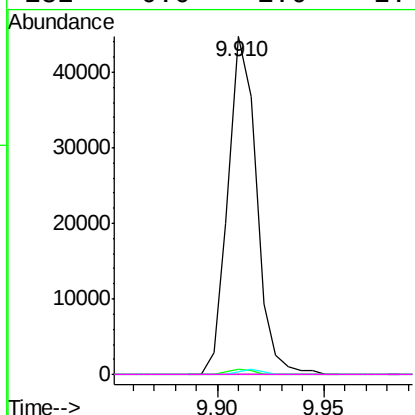
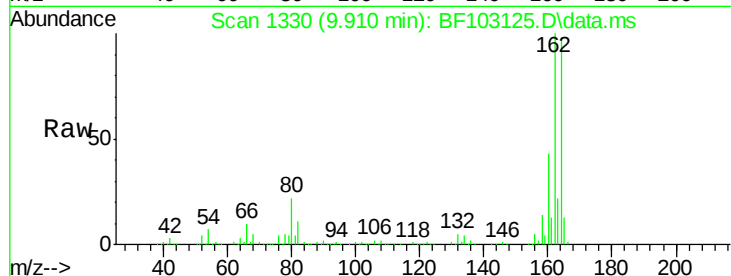




#56
 2,4-Dinitrotoluene
 Concen: 8.99 ng
 RT: 9.910 min Scan# 1362
 Delta R.T. -0.200 min
 Lab File: BF103125.D
 Acq: 20 Feb 2018 19:51

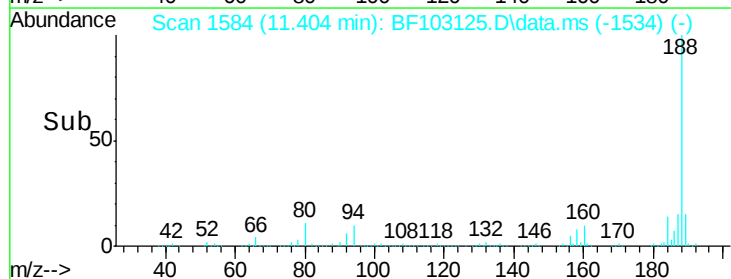
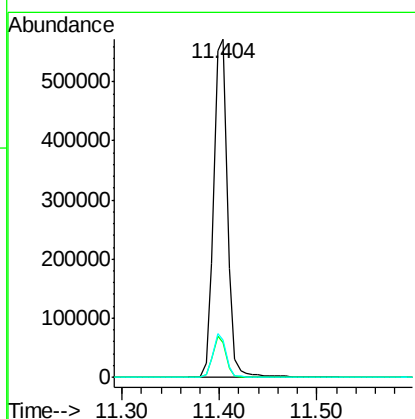
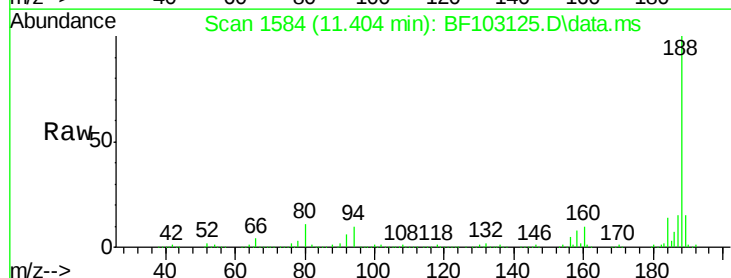
Instrument :
 BNA_F
 ClientSampleId :

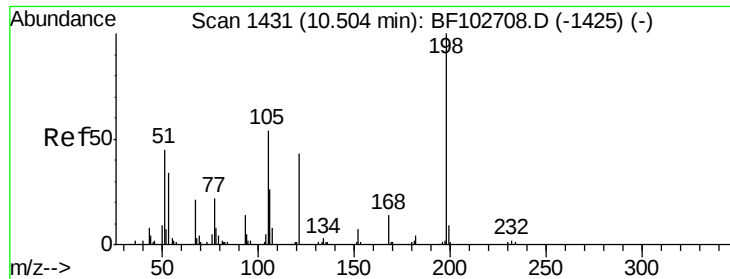
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	0.9	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.404 min Scan# 1584
 Delta R.T. -0.006 min
 Lab File: BF103125.D
 Acq: 20 Feb 2018 19:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.0	9.2	13.8

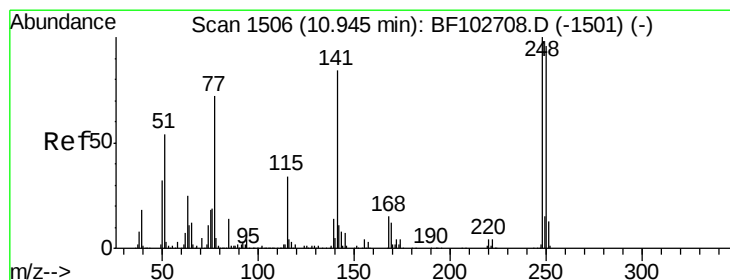
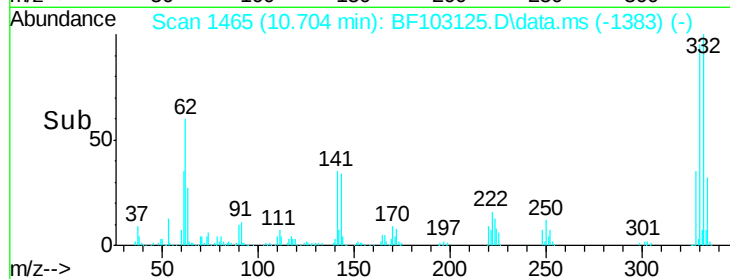
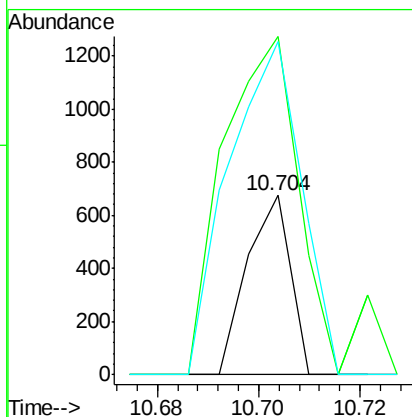
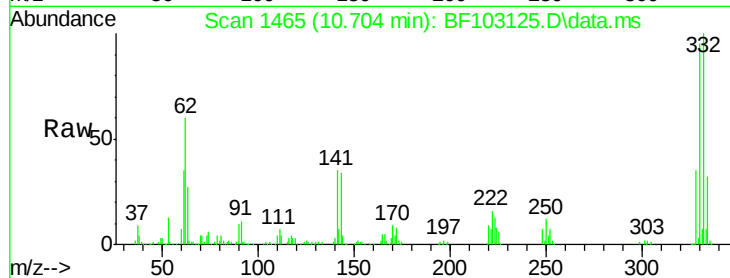




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.95 ng
 RT: 10.704 min Scan# 1431
 Delta R.T. 0.182 min
 Lab File: BF103125.D
 Acq: 20 Feb 2018 19:51

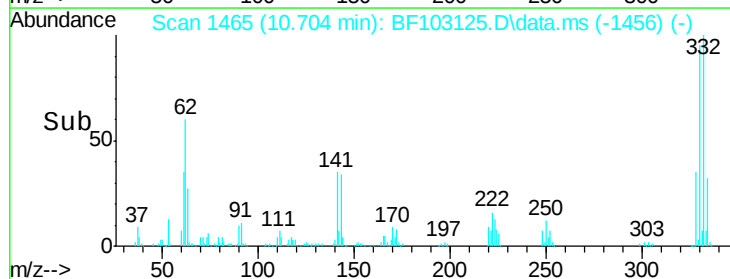
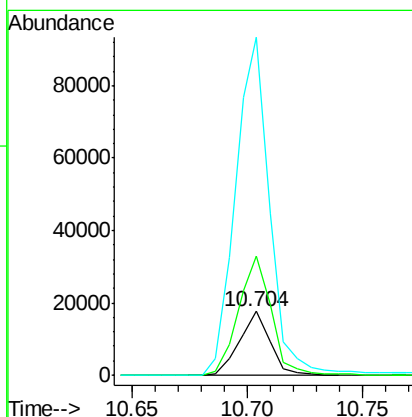
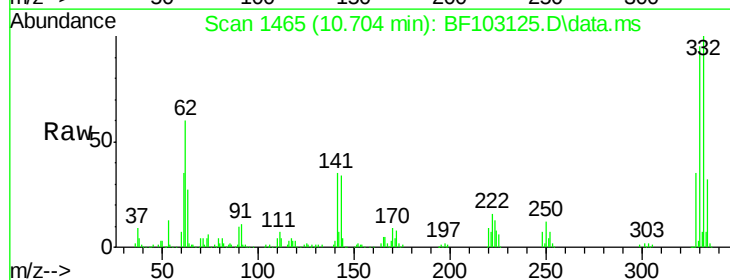
Instrument :
 BNA_F
 ClientSampleId :

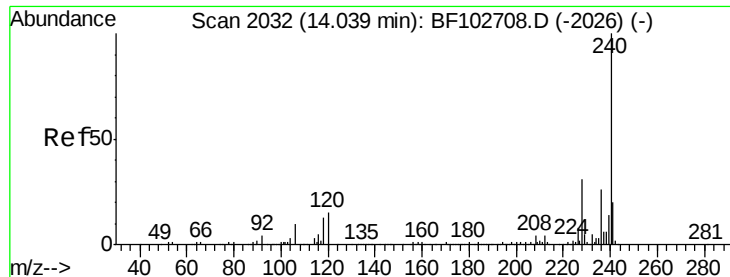
Tot Ion	Ratio	Lower	Upper
198	100		
51	44.5	37.7	77.7
105	43.8	36.3	76.3



#66
 4-Bromophenyl-phenylether
 Concen: 2.73 ng
 RT: 10.704 min Scan# 1465
 Delta R.T. -0.247 min
 Lab File: BF103125.D
 Acq: 20 Feb 2018 19:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	186.3	76.9	115.3#
141	528.5	74.4	111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF103125.D

Acq: 20 Feb 2018 19:51

Instrument :

BNA_F

ClientSampleId :

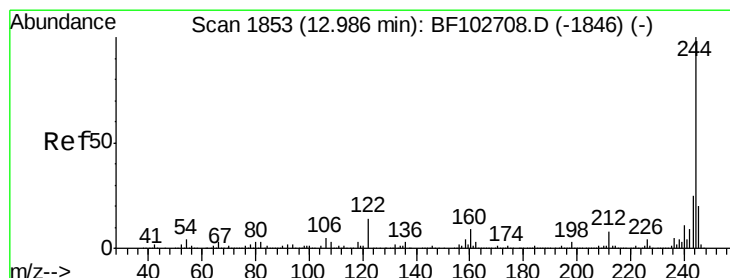
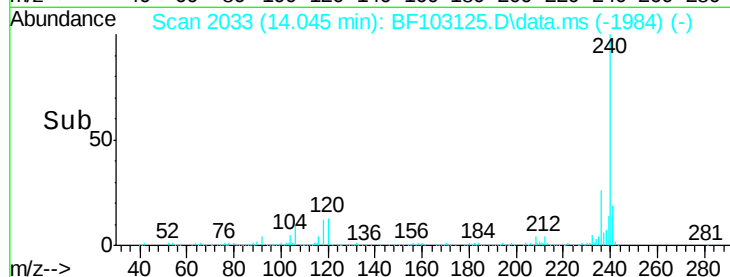
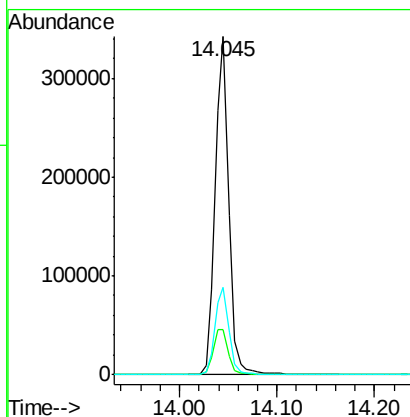
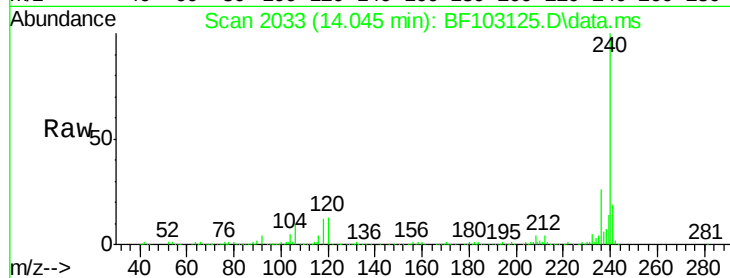
Tot Ion:240 Resp: 328881

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

236 25.9 20.7 31.1



#78

Terphenyl-d14

Concen: 68.00 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF103125.D

Acq: 20 Feb 2018 19:51

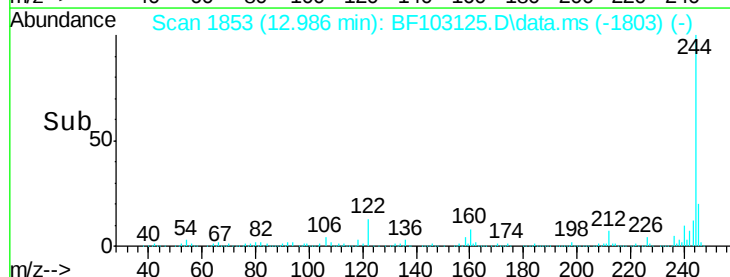
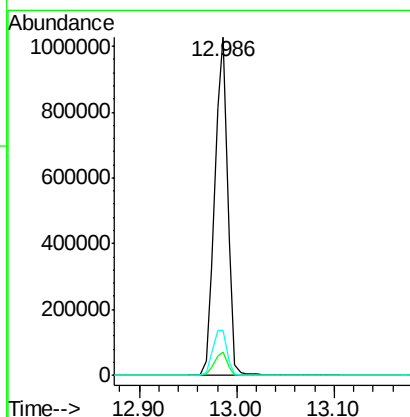
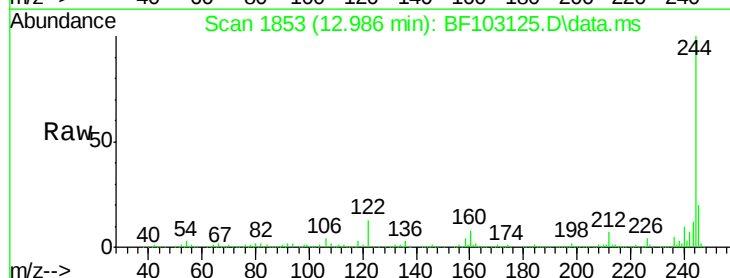
Tgt Ion:244 Resp: 944506

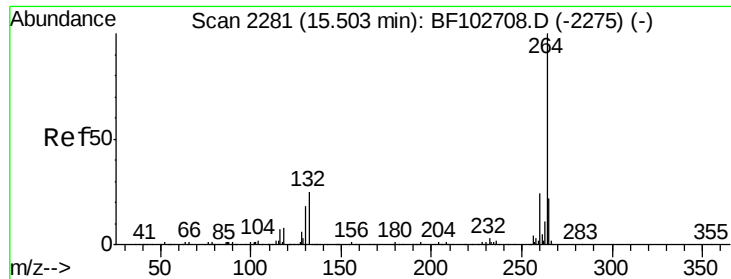
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 13.5 11.0 16.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.533 min Scan# 22
Delta R.T. -0.012 min
Lab File: BF103125.D
Acq: 20 Feb 2018 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.5	17.5	26.3

