

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132252.D
 Acq On : 01 Feb 2023 10:40
 Operator : CG\JU
 Sample : PB150575BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150575BL

Quant Time: Feb 02 00:51:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

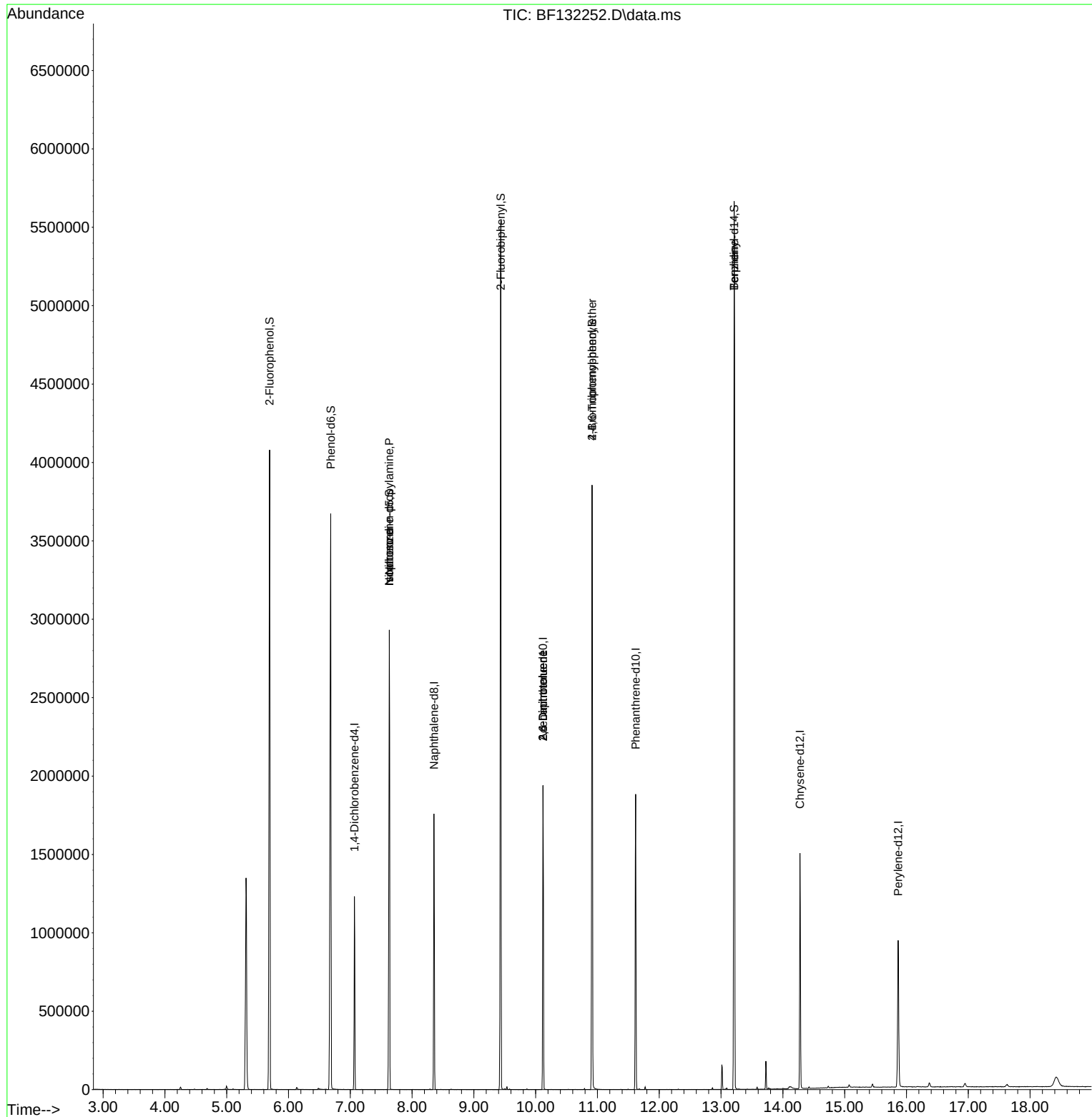
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	181996	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	703344	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	360457	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	663204	20.000	ng	0.00
76) Chrysene-d12	14.277	240	466139	20.000	ng	#-0.01
86) Perylene-d12	15.866	264	421826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1382553	122.108	ng	0.01
7) Phenol-d6	6.684	99	1706219	122.231	ng	0.00
23) Nitrobenzene-d5	7.631	82	1063025	84.105	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	470915	127.041	ng	0.00
45) 2-Fluorobiphenyl	9.437	172	1778065	76.175	ng	0.00
79) Terphenyl-d14	13.213	244	2041298	84.711	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.631	70	131904	16.636	ng	# 79
25) Isophorone	7.631	82	1063007	44.311	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	47072	8.359	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	47072	6.435	ng	# 23
67) 4-Bromophenyl-phenylether	10.913	248	28211	4.154	ng	# 1
77) Benzidine	13.213	184	33036	2.027	ng	# 92

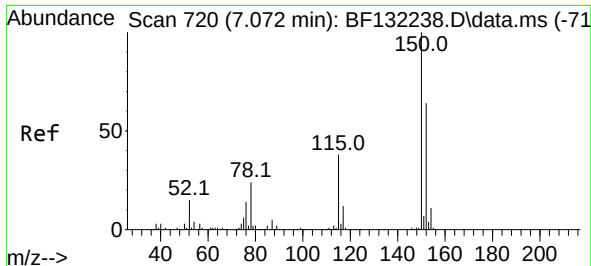
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :
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Quant Time: Feb 02 00:51:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 05:24:37 2023
Response via : Initial Calibration

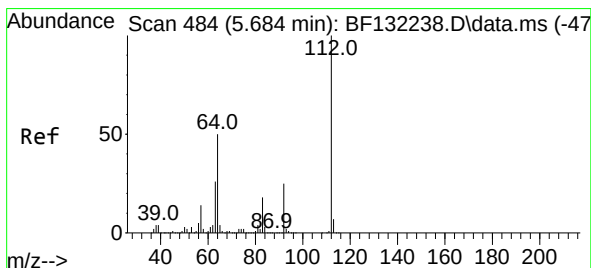
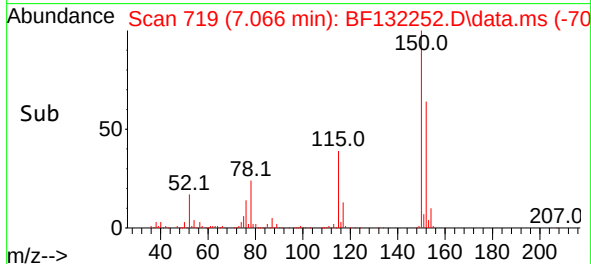
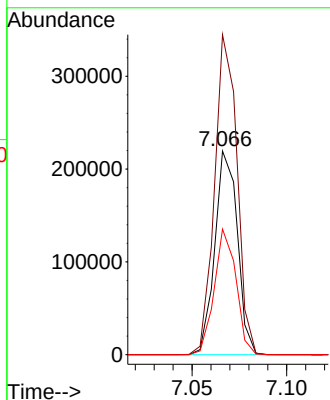
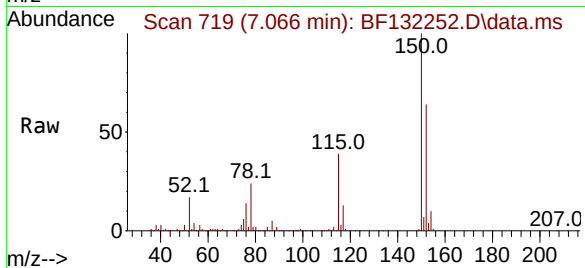




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132252.D
 Acq: 01 Feb 2023 10:40

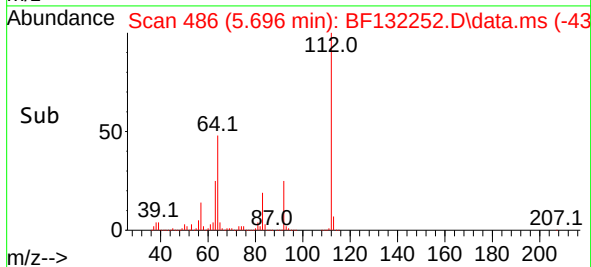
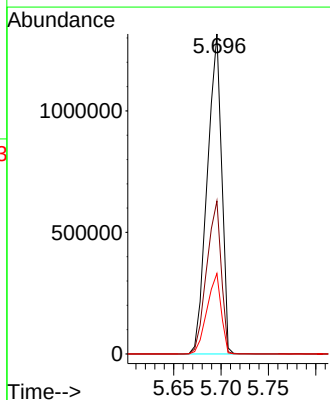
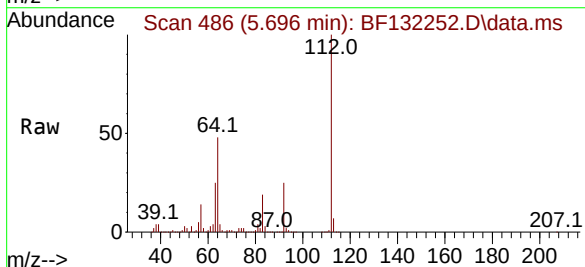
Instrument :
 BNA_F
 ClientSampleId :
 PB150575BL

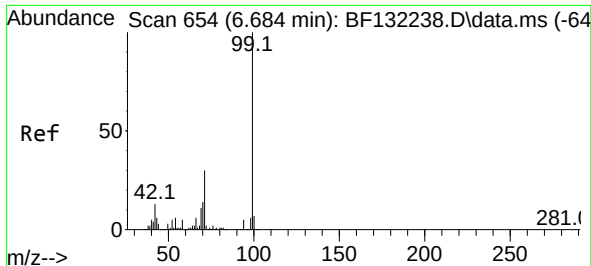
Tgt Ion:152 Resp: 181996
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.2 186.2
 115 61.6 47.3 70.9



#5
 2-Fluorophenol
 Concen: 122.108 ng
 RT: 5.696 min Scan# 486
 Delta R.T. 0.012 min
 Lab File: BF132252.D
 Acq: 01 Feb 2023 10:40

Tgt Ion:112 Resp: 1382553
 Ion Ratio Lower Upper
 112 100
 64 47.8 40.0 60.0
 63 25.2 20.5 30.7

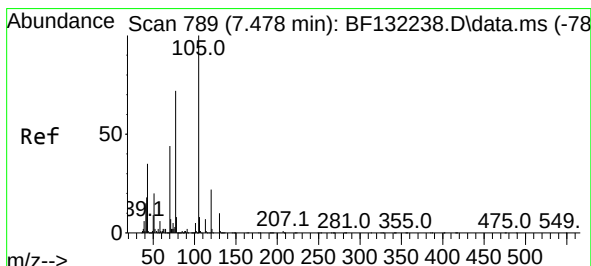
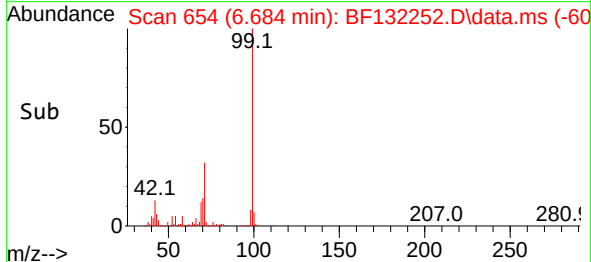
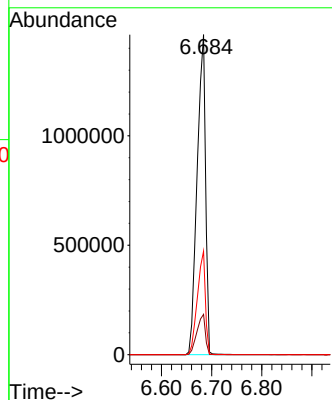
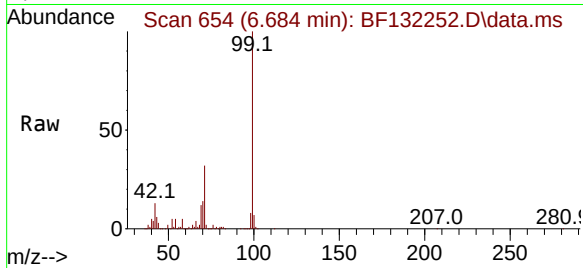




#7
Phenol-d6
Concen: 122.231 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

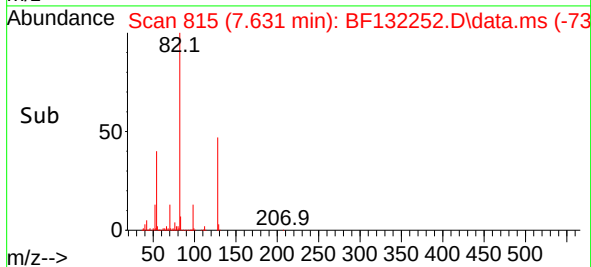
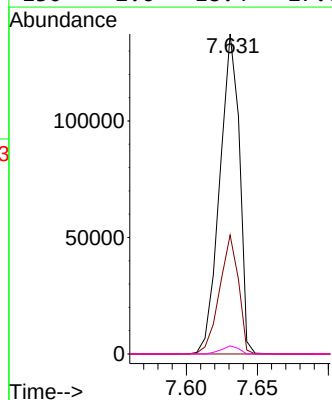
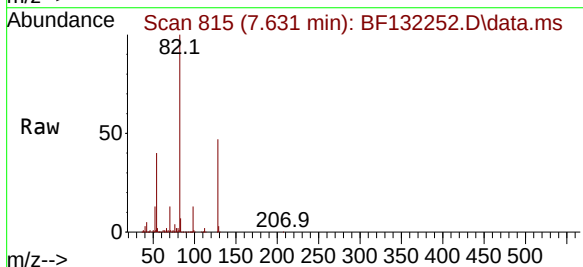
Instrument :
BNA_F
ClientSampleId :
PB150575BL

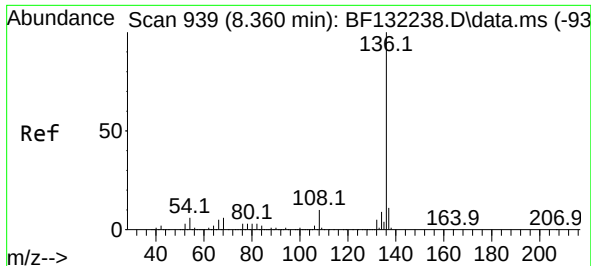
Tgt Ion: 99 Resp: 1706219
Ion Ratio Lower Upper
99 100
42 12.6 10.1 15.1
71 32.3 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.636 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

Tgt Ion: 70 Resp: 131904
Ion Ratio Lower Upper
70 100
42 37.2 33.4 50.0
101 0.0 8.2 12.4#
130 2.6 18.4 27.6#



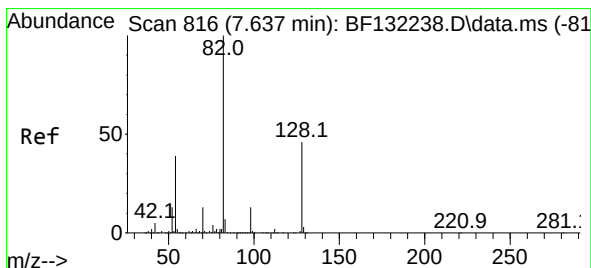
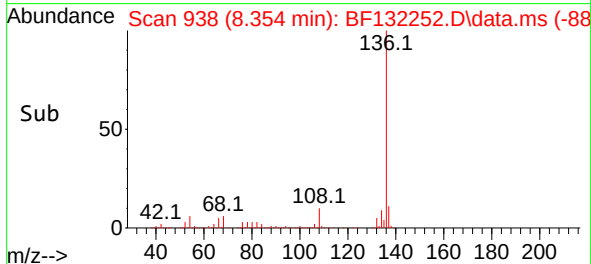
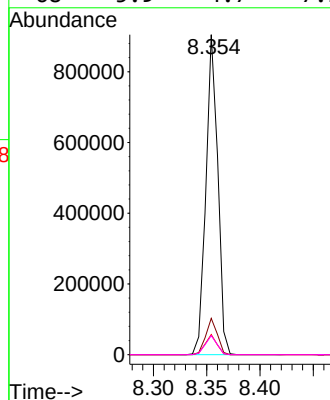
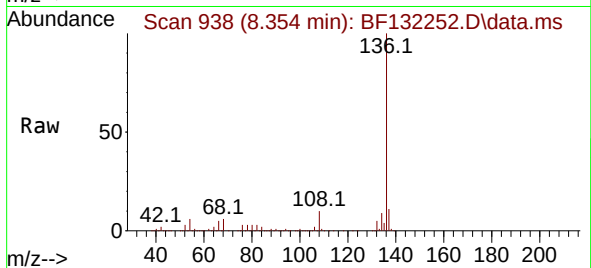


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

Instrument :
BNA_F
ClientSampleId :
PB150575BL

Tgt Ion:136 Resp: 703344

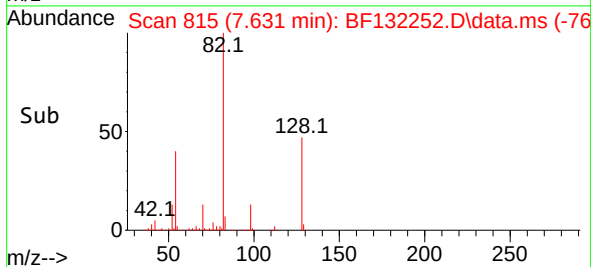
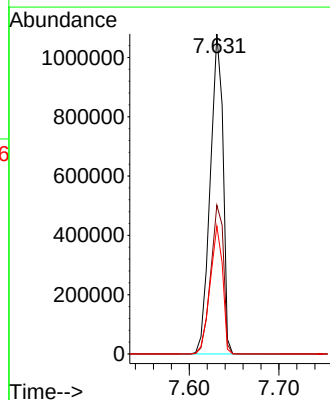
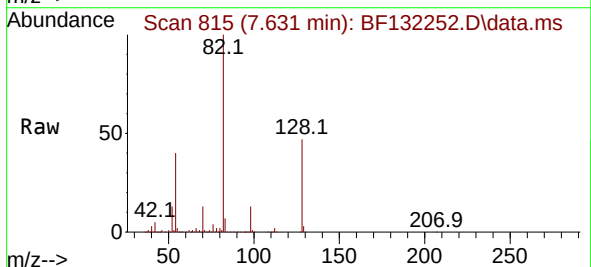
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	6.3	4.9	7.3
68	5.9	4.7	7.1

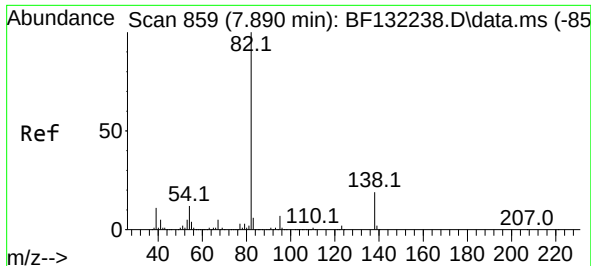


#23
Nitrobenzene-d5
Concen: 84.105 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

Tgt Ion: 82 Resp: 1063025

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.0	55.4
54	40.0	31.5	47.3

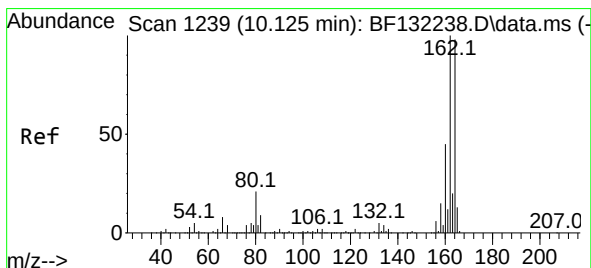
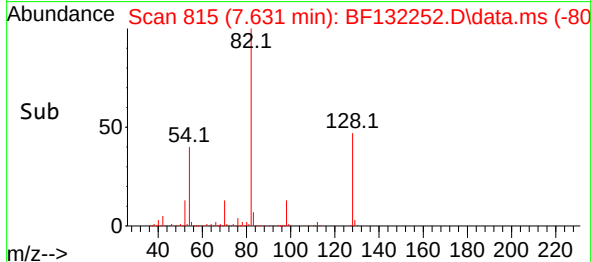
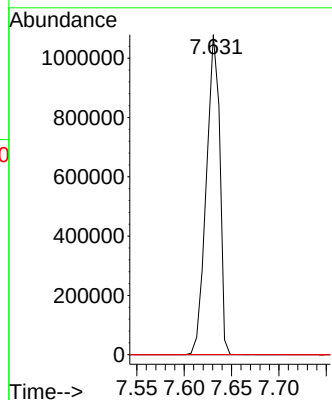
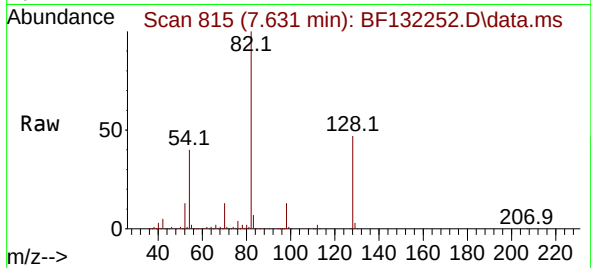




#25
Isophorone
Concen: 44.311 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

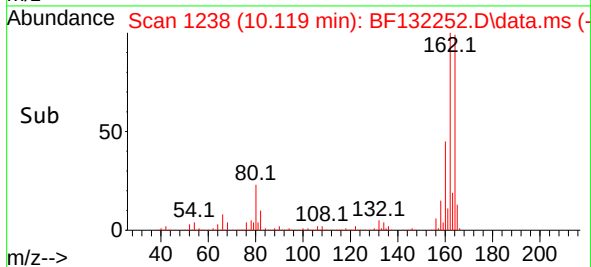
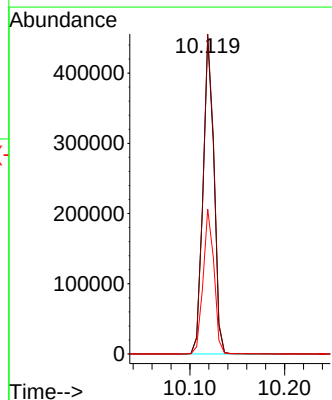
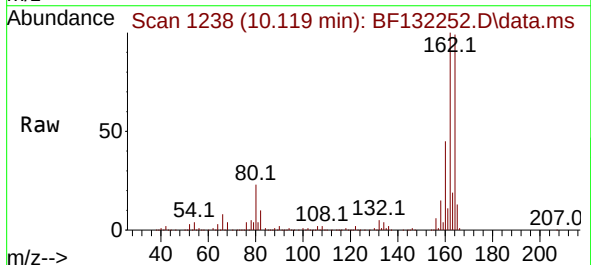
Instrument :
BNA_F
ClientSampleId :
PB150575BL

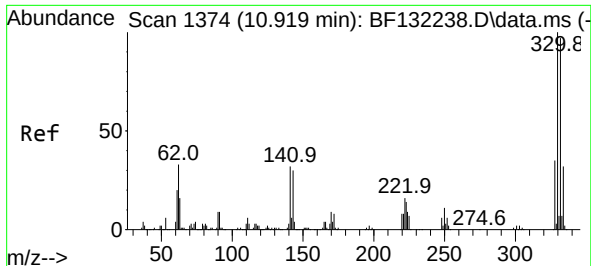
Tgt Ion: 82 Resp: 1063007
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

Tgt Ion:164 Resp: 360457
Ion Ratio Lower Upper
164 100
162 101.2 82.0 123.0
160 45.8 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 127.041 ng

RT: 10.913 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BF132252.D

Acq: 01 Feb 2023 10:40

Instrument :

BNA_F

ClientSampleId :

PB150575BL

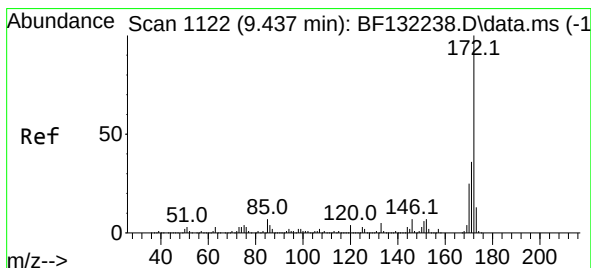
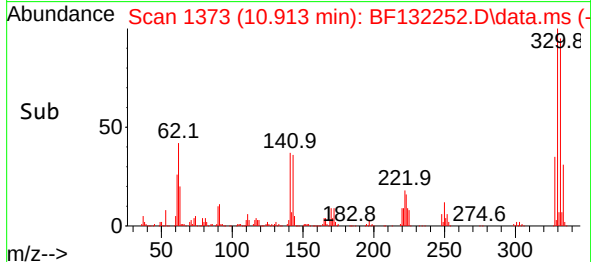
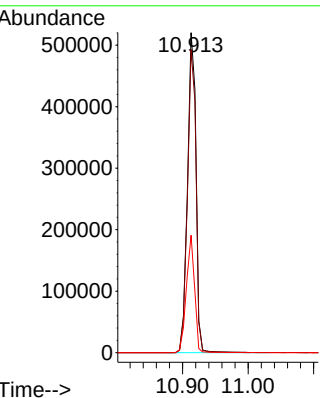
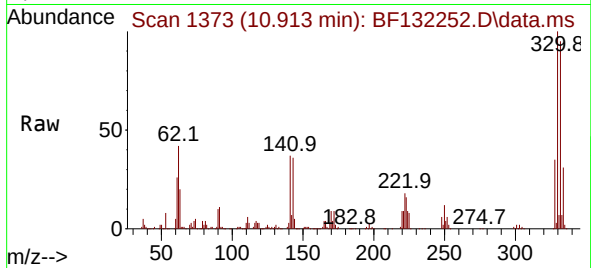
Tgt Ion:330 Resp: 470915

Ion Ratio Lower Upper

330 100

332 95.4 77.9 116.9

141 35.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 76.175 ng

RT: 9.437 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BF132252.D

Acq: 01 Feb 2023 10:40

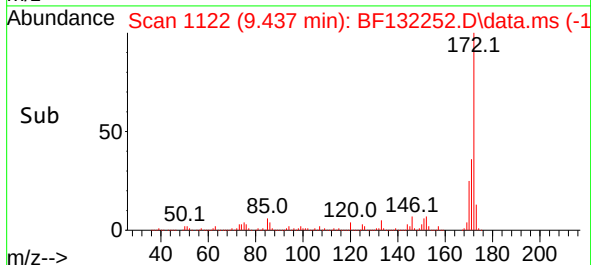
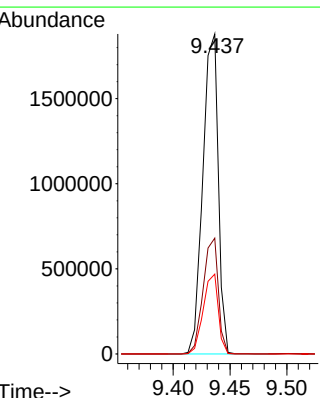
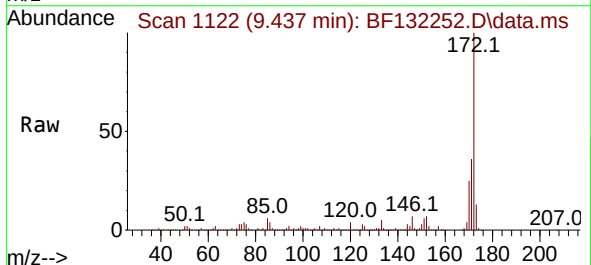
Tgt Ion:172 Resp: 1778065

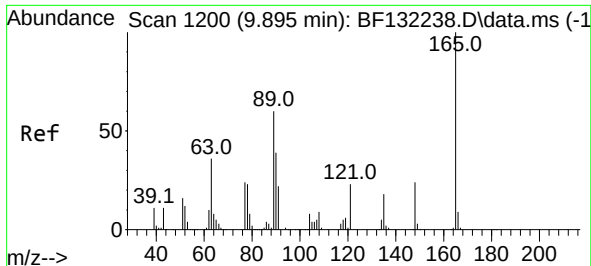
Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

170 25.0 19.7 29.5

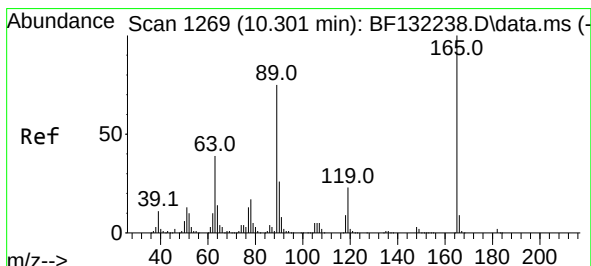
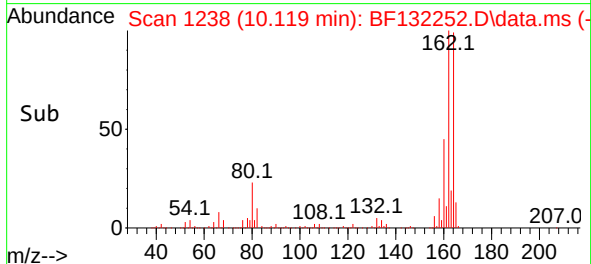
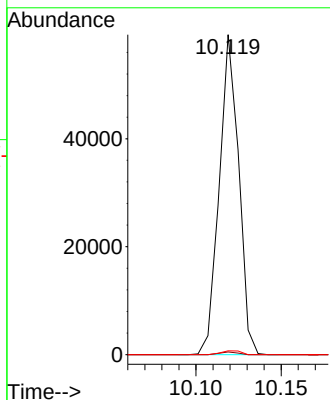
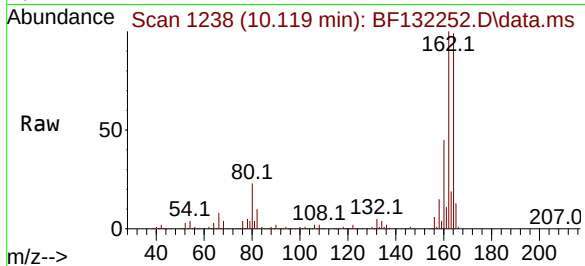




#51
2,6-Dinitrotoluene
Concen: 8.359 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.224 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

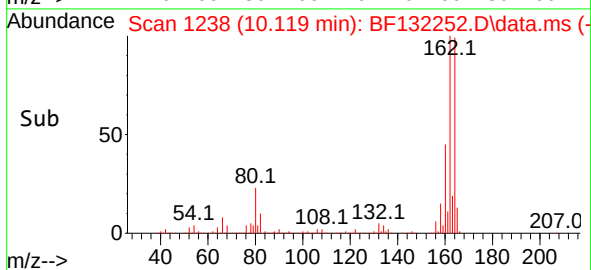
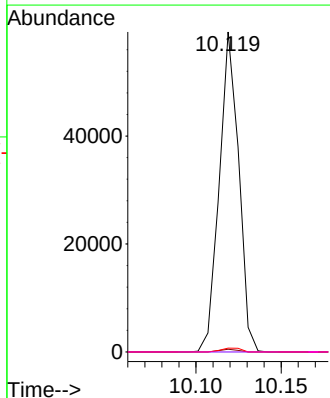
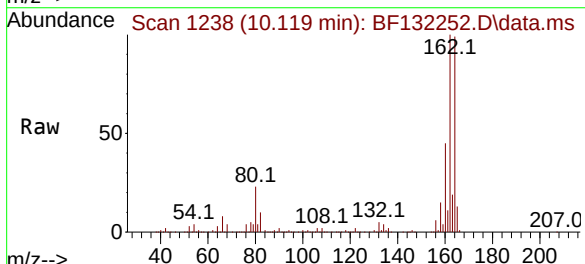
Instrument :
BNA_F
ClientSampleId :
PB150575BL

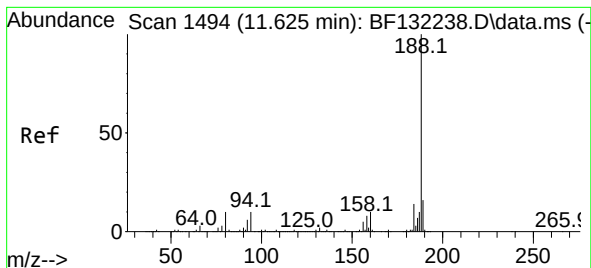
Tgt Ion:165 Resp: 47072
Ion Ratio Lower Upper
165 100
63 0.8 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.435 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.182 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

Tgt Ion:165 Resp: 47072
Ion Ratio Lower Upper
165 100
63 0.8 30.9 46.3#
89 1.2 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.619 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF132252.D

Acq: 01 Feb 2023 10:40

Instrument :

BNA_F

ClientSampleId :

PB150575BL

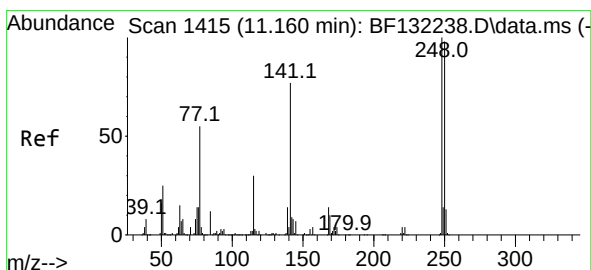
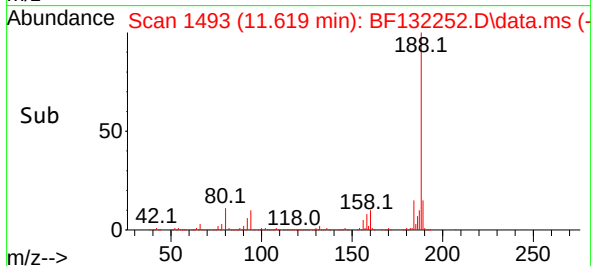
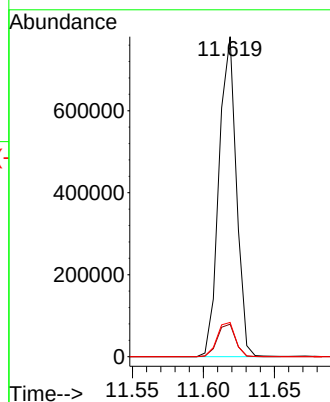
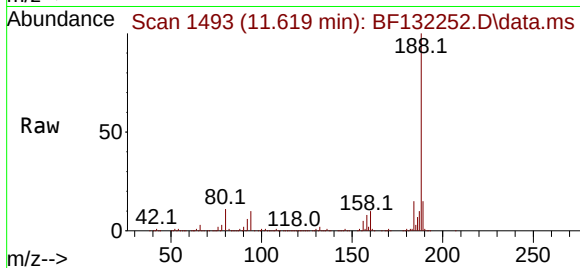
Tgt Ion:188 Resp: 663204

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

80 10.7 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.154 ng

RT: 10.913 min Scan# 1373

Delta R.T. -0.247 min

Lab File: BF132252.D

Acq: 01 Feb 2023 10:40

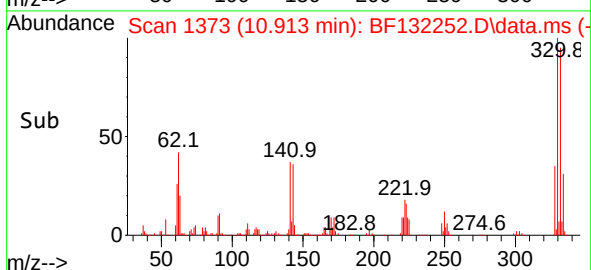
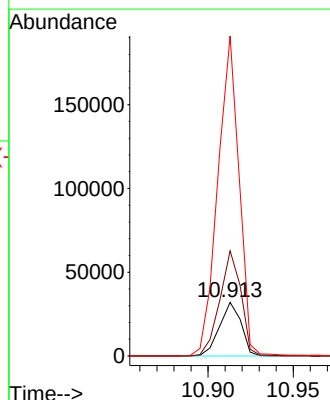
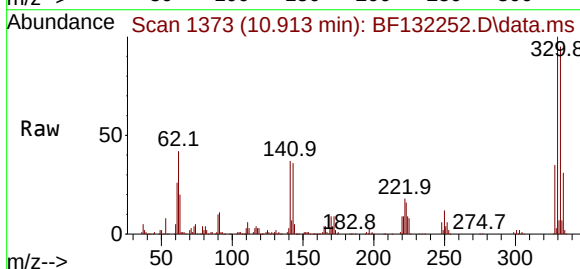
Tgt Ion:248 Resp: 28211

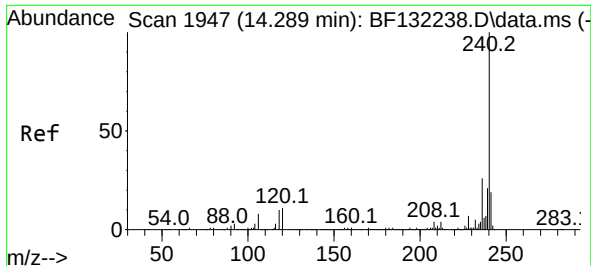
Ion Ratio Lower Upper

248 100

250 196.0 78.6 117.8#

141 596.6 61.6 92.4#

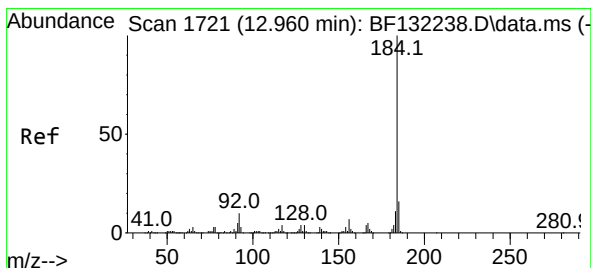
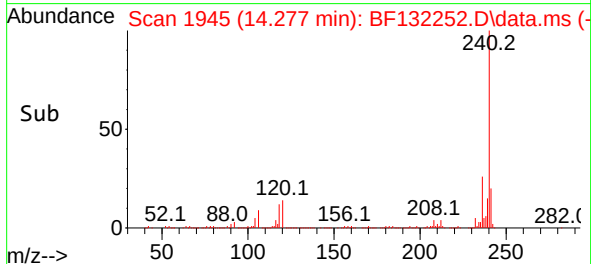
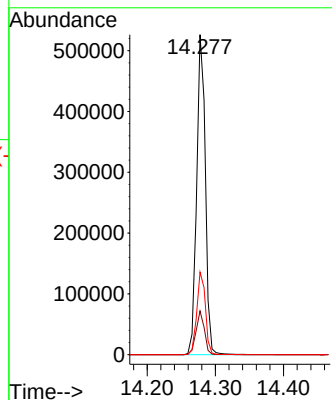
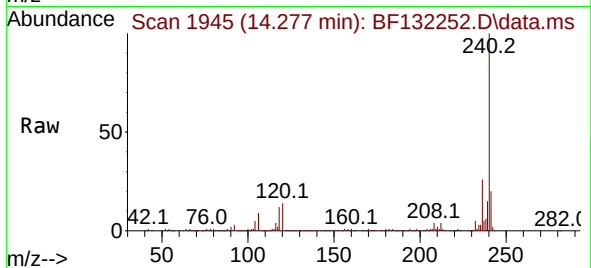




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

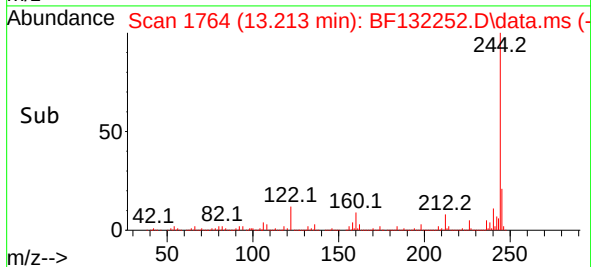
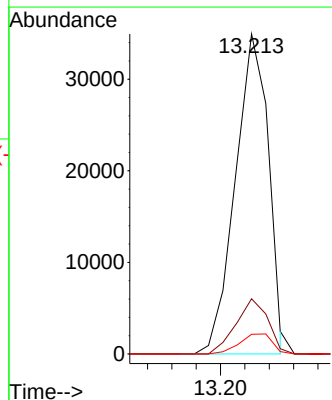
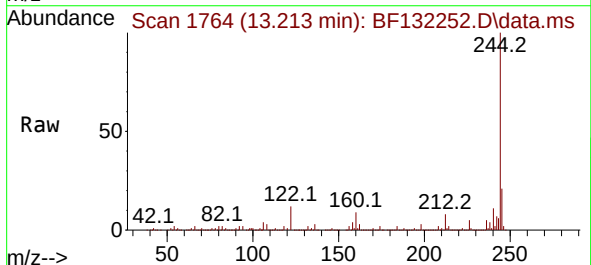
Instrument :
BNA_F
ClientSampleId :
PB150575BL

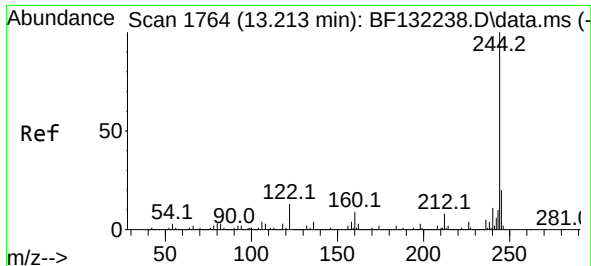
Tgt Ion:240 Resp: 466139
Ion Ratio Lower Upper
240 100
120 13.6 8.8 13.2#
236 25.8 21.0 31.6



#77
Benidine
Concen: 2.027 ng
RT: 13.213 min Scan# 1764
Delta R.T. 0.253 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

Tgt Ion:184 Resp: 33036
Ion Ratio Lower Upper
184 100
185 17.3 12.6 18.8
183 6.2 8.9 13.3#

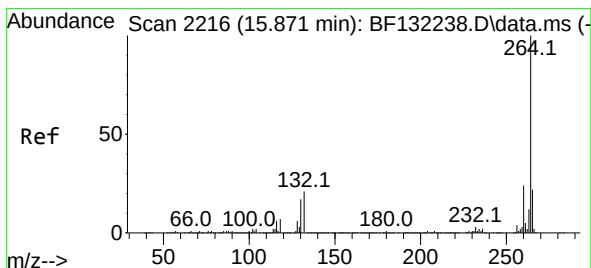
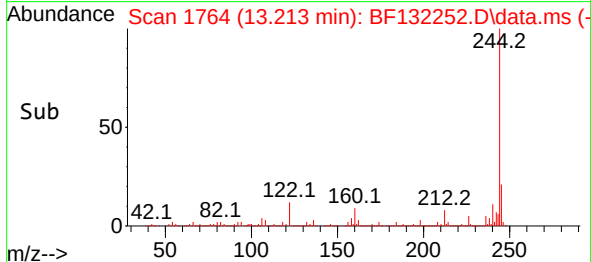
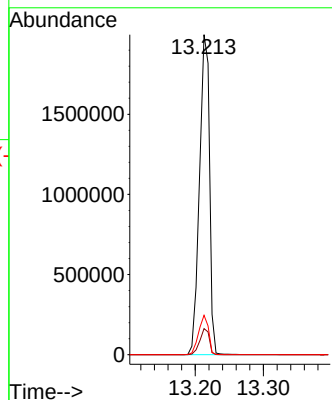
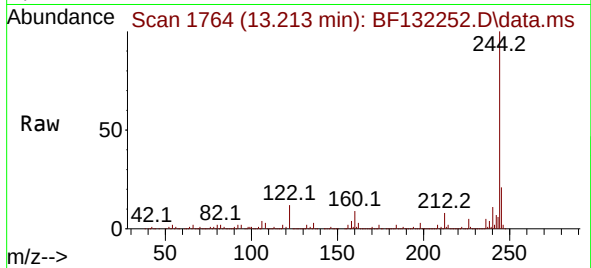




#79
 Terphenyl-d14
 Concen: 84.711 ng
 RT: 13.213 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132252.D
 Acq: 01 Feb 2023 10:40

Instrument :
 BNA_F
 ClientSampleId :
 PB150575BL

Tgt Ion:244 Resp: 2041298
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 12.3 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.866 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: BF132252.D
 Acq: 01 Feb 2023 10:40

Tgt Ion:264 Resp: 421826
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 22.0 17.4 26.2

