

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130627.D
 Acq On : 12 Oct 2022 13:39
 Operator : CG\JU
 Sample : N5067-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C22(21-22)

Quant Time: Oct 13 05:43:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

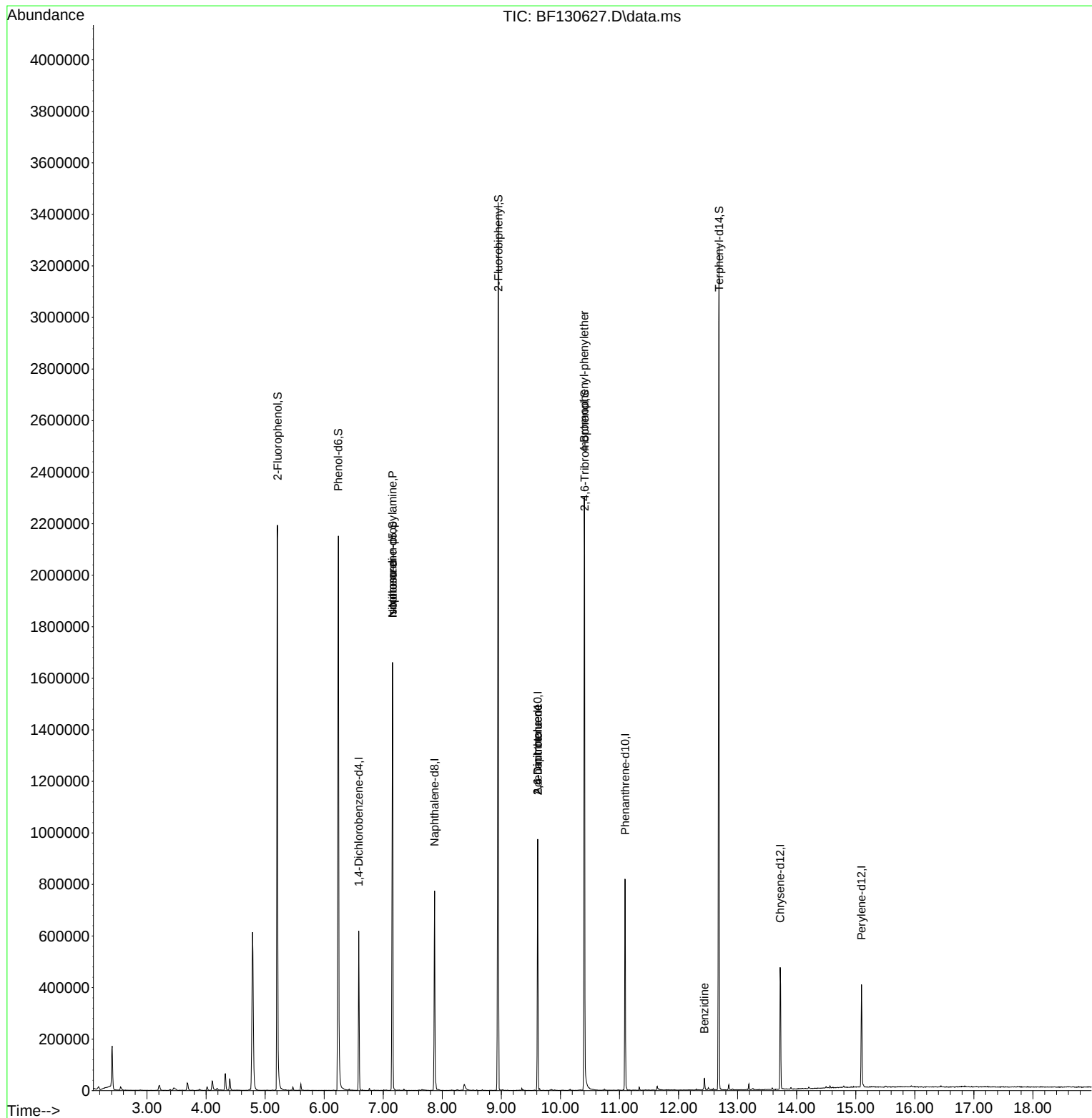
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	83599	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	339347	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	182457	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	307511	20.000	ng	# 0.00
76) Chrysene-d12	13.721	240	157113	20.000	ng	0.00
86) Perylene-d12	15.098	264	152951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	703919	151.778	ng	0.02
7) Phenol-d6	6.240	99	803839	137.855	ng	0.00
23) Nitrobenzene-d5	7.157	82	608456	97.882	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	316792	177.442	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1211574	100.584	ng	0.00
79) Terphenyl-d14	12.686	244	1184120	125.090	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.157	70	81895	21.769	ng	# 78
25) Isophorone	7.157	82	608452	58.811	ng	# 64
51) 2,6-Dinitrotoluene	9.616	165	23855	8.610	ng	# 25
57) 2,4-Dinitrotoluene	9.616	165	23855	6.700	ng	# 15
67) 4-Bromophenyl-phenylether	10.404	248	18843	5.416	ng	# 1
77) Benzydine	12.439	184	18507	4.660	ng	# 96

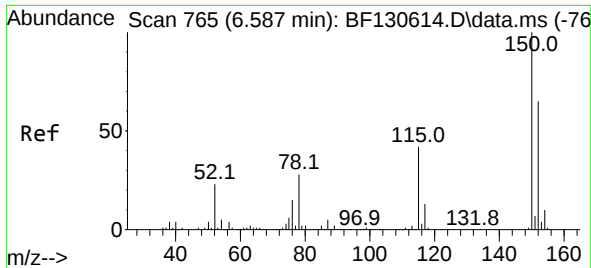
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 13 05:43:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

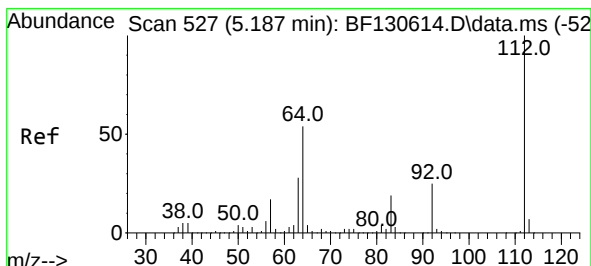
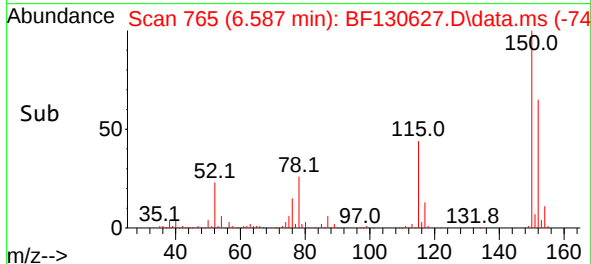
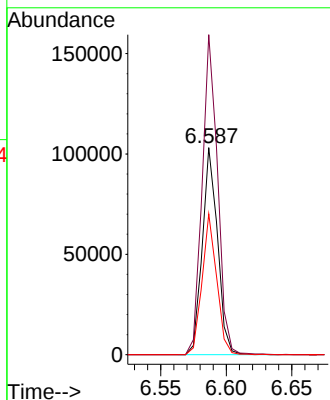
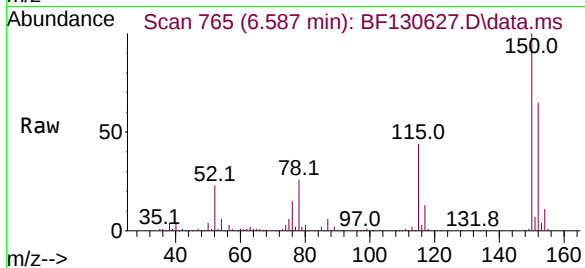




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.587 min Scan# 765
 Delta R.T. -0.000 min
 Lab File: BF130627.D
 Acq: 12 Oct 2022 13:39

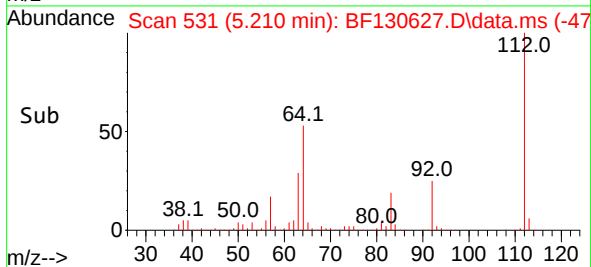
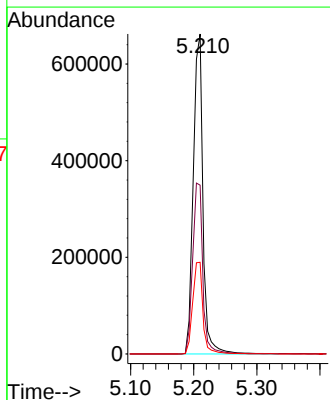
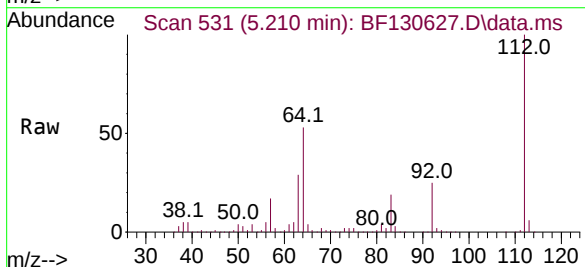
Instrument :
 BNA_F
 ClientSampleId :
 C22(21-22)

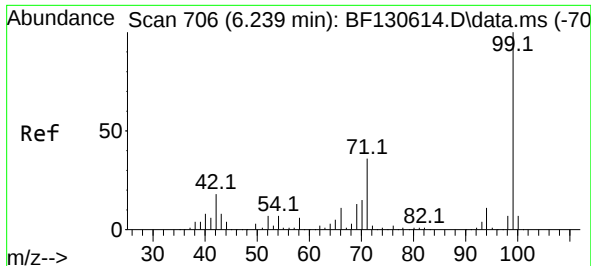
Tgt Ion:152 Resp: 83599
 Ion Ratio Lower Upper
 152 100
 150 154.6 123.8 185.6
 115 68.1 52.2 78.4



#5
 2-Fluorophenol
 Concen: 151.778 ng
 RT: 5.210 min Scan# 531
 Delta R.T. 0.024 min
 Lab File: BF130627.D
 Acq: 12 Oct 2022 13:39

Tgt Ion:112 Resp: 703919
 Ion Ratio Lower Upper
 112 100
 64 52.7 43.5 65.3
 63 28.6 22.6 34.0

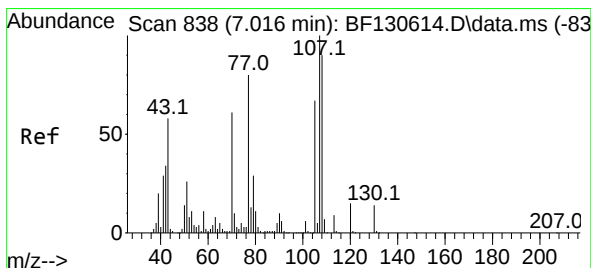
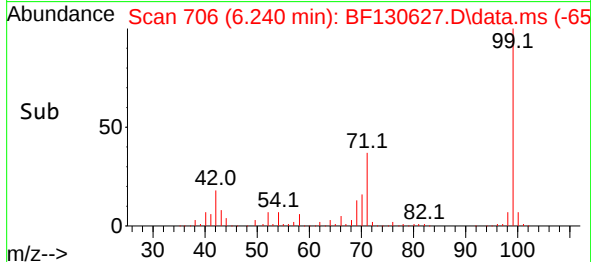
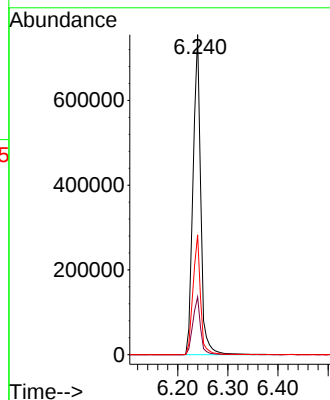
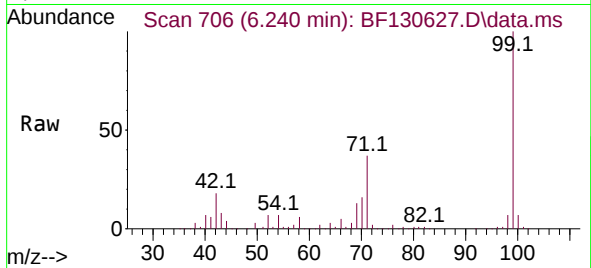




#7
Phenol-d6
Concen: 137.855 ng
RT: 6.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF130627.D
Acq: 12 Oct 2022 13:39

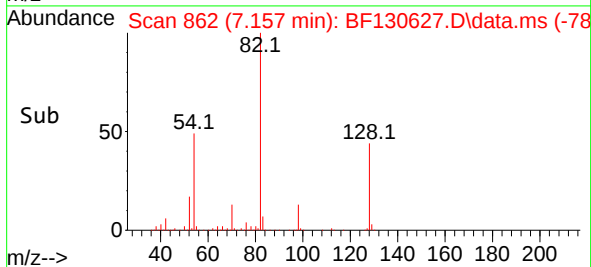
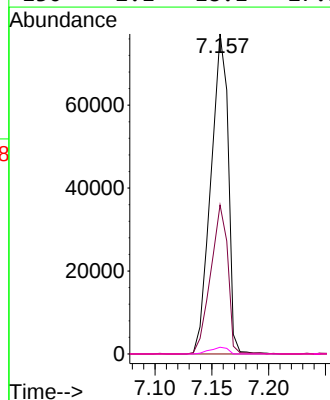
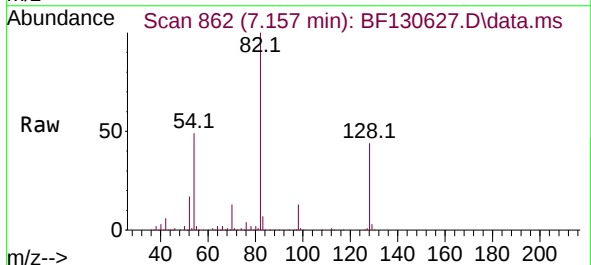
Instrument :
BNA_F
ClientSampleId :
C22(21-22)

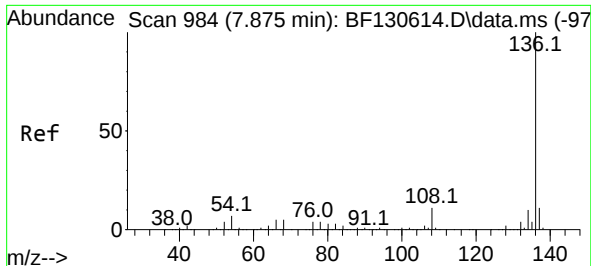
Tgt Ion: 99 Resp: 803839
Ion Ratio Lower Upper
99 100
42 18.1 14.0 21.0
71 37.4 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 21.769 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130627.D
Acq: 12 Oct 2022 13:39

Tgt Ion: 70 Resp: 81895
Ion Ratio Lower Upper
70 100
42 46.6 44.3 66.5
101 0.0 7.9 11.9#
130 2.1 18.1 27.1#

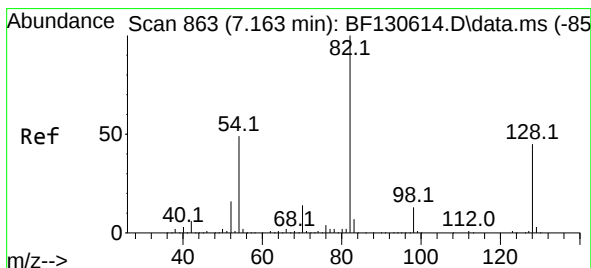
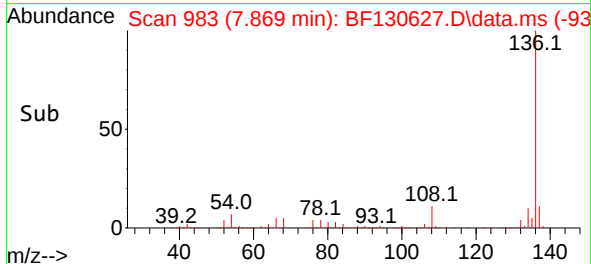
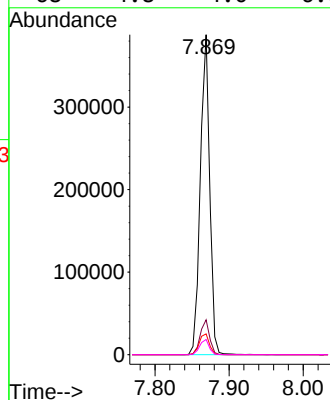
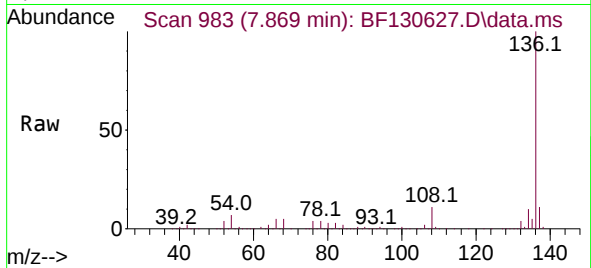




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130627.D
Acq: 12 Oct 2022 13:39

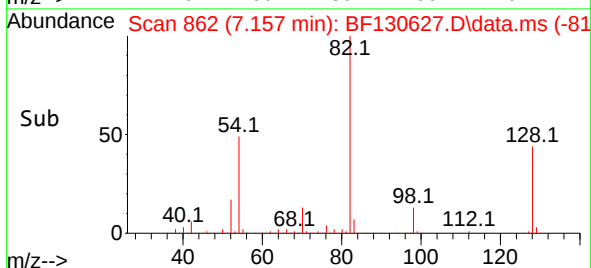
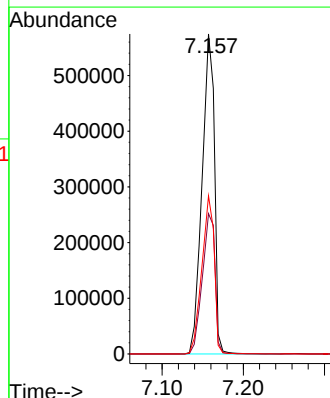
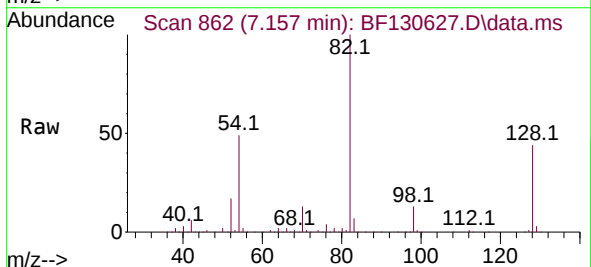
Instrument :
BNA_F
ClientSampleId :
C22(21-22)

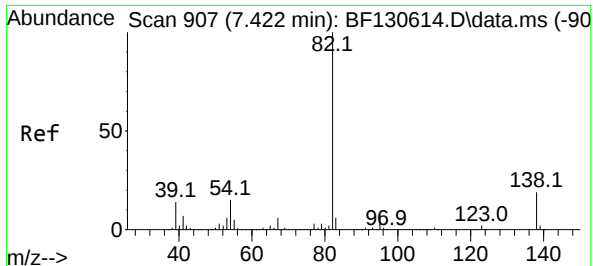
Tgt Ion:136 Resp: 339347
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.5 5.5 8.3
68 4.8 4.0 6.0



#23
Nitrobenzene-d5
Concen: 97.882 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130627.D
Acq: 12 Oct 2022 13:39

Tgt Ion: 82 Resp: 608456
Ion Ratio Lower Upper
82 100
128 43.9 35.8 53.6
54 49.4 39.3 58.9

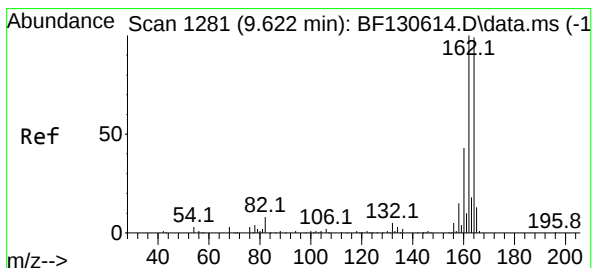
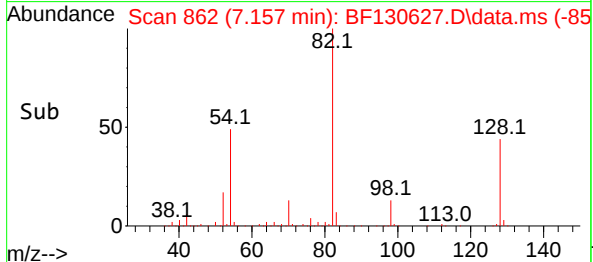
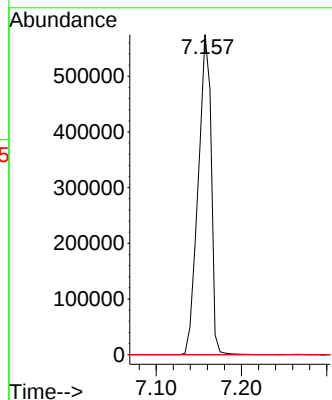
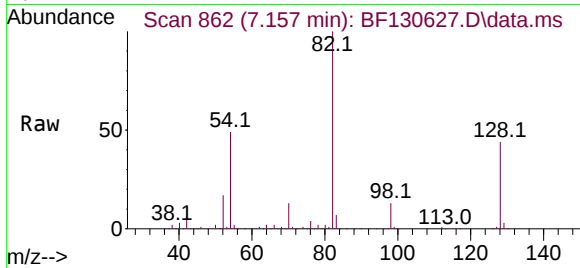




#25
Isophorone
Concen: 58.811 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130627.D
Acq: 12 Oct 2022 13:39

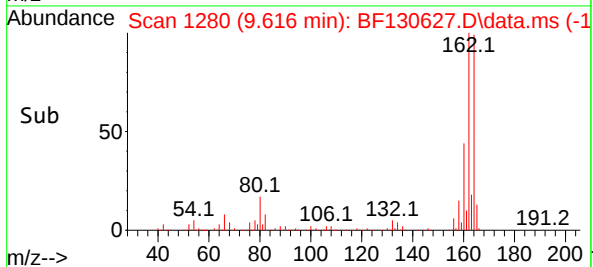
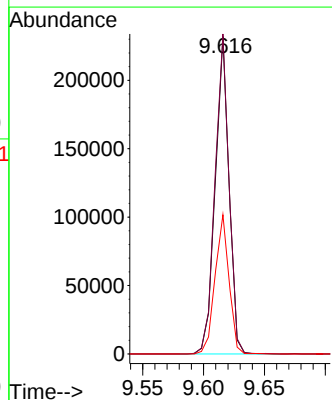
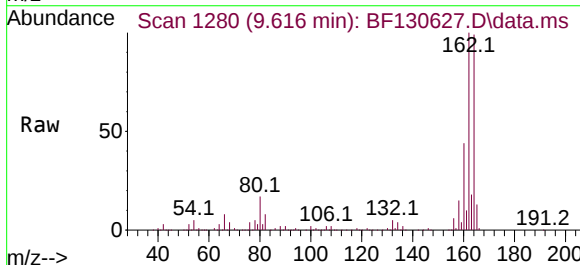
Instrument :
BNA_F
ClientSampleId :
C22(21-22)

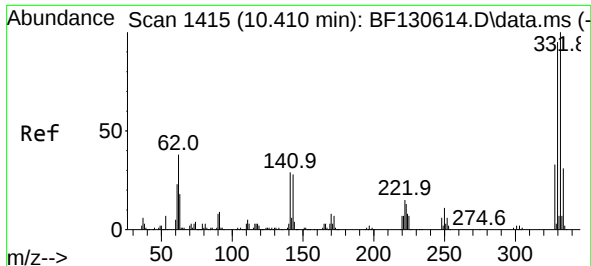
Tgt Ion: 82 Resp: 608452
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130627.D
Acq: 12 Oct 2022 13:39

Tgt Ion:164 Resp: 182457
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 43.9 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 177.442 ng

RT: 10.410 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF130627.D

Acq: 12 Oct 2022 13:39

Instrument :

BNA_F

ClientSampleId :

C22(21-22)

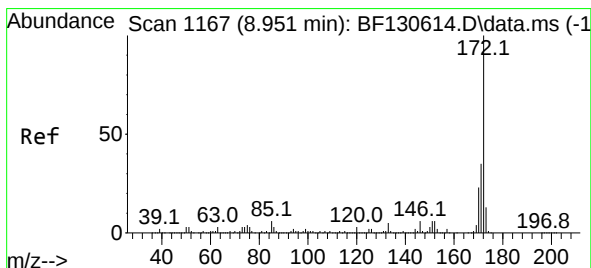
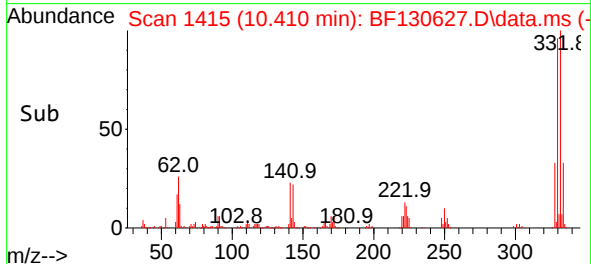
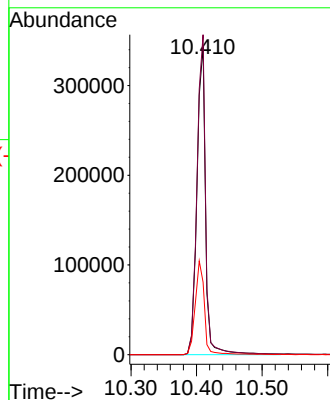
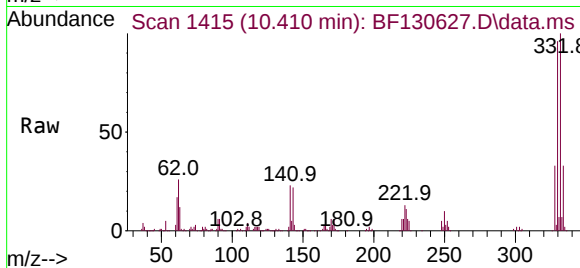
Tgt Ion:330 Resp: 316792

Ion Ratio Lower Upper

330 100

332 103.9 84.2 126.4

141 32.2 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 100.584 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF130627.D

Acq: 12 Oct 2022 13:39

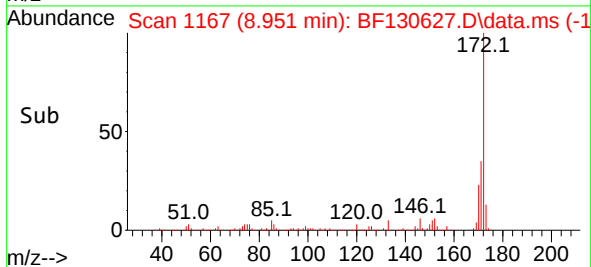
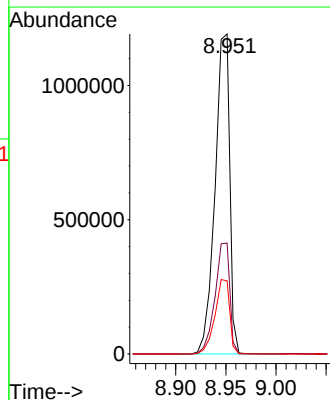
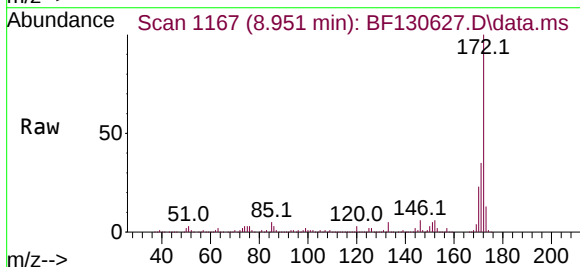
Tgt Ion:172 Resp: 1211574

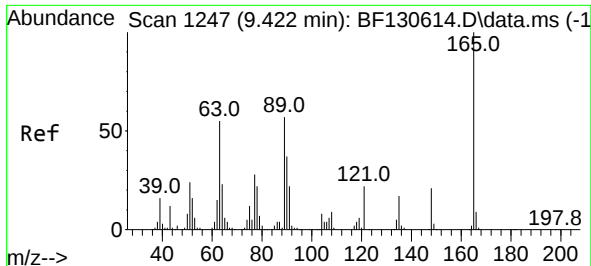
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.8

170 22.8 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.610 ng

RT: 9.616 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF130627.D

Acq: 12 Oct 2022 13:39

Instrument :

BNA_F

ClientSampleId :

C22(21-22)

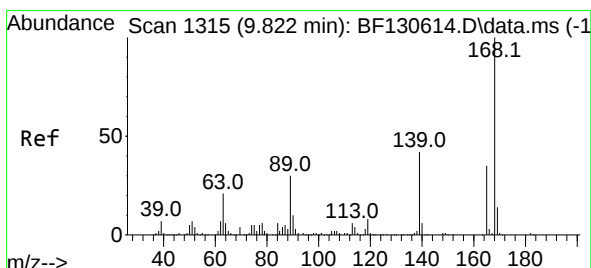
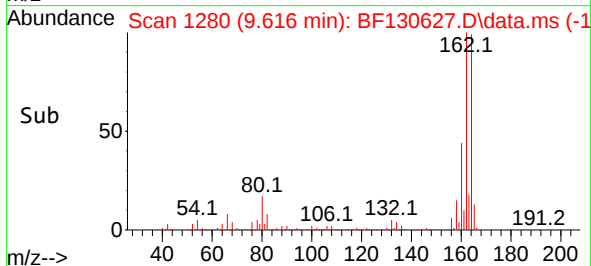
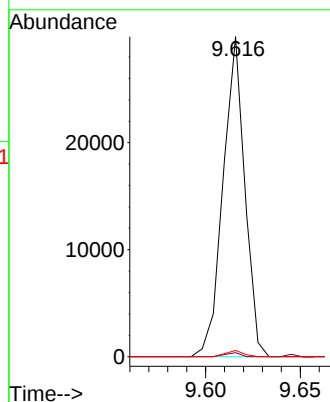
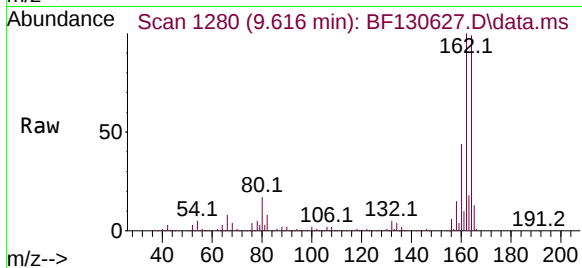
Tgt Ion:165 Resp: 23855

Ion Ratio Lower Upper

165 100

63 1.3 45.3 67.9#

89 1.9 45.6 68.4#



#57

2,4-Dinitrotoluene

Concen: 6.700 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.206 min

Lab File: BF130627.D

Acq: 12 Oct 2022 13:39

Tgt Ion:165 Resp: 23855

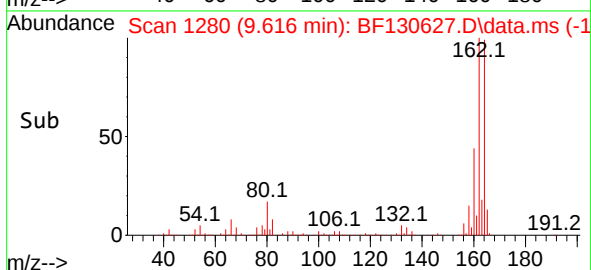
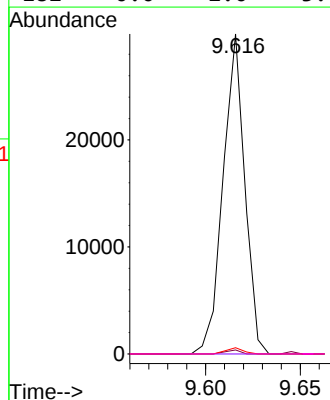
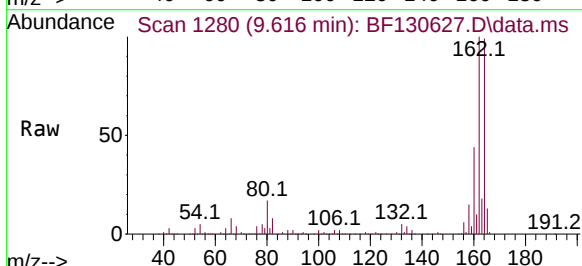
Ion Ratio Lower Upper

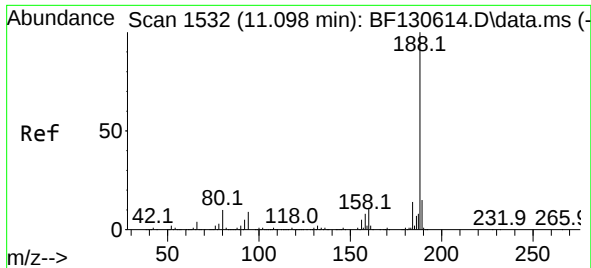
165 100

63 1.3 50.6 76.0#

89 1.9 68.6 102.8#

182 0.0 2.0 3.0#

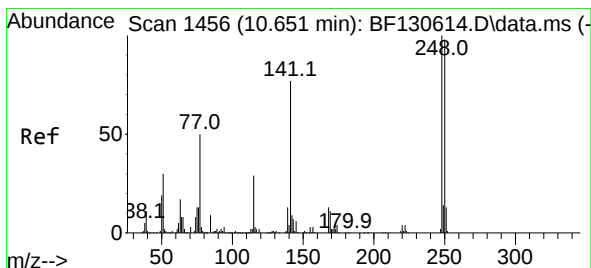
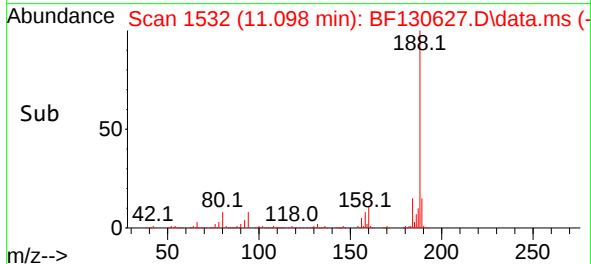
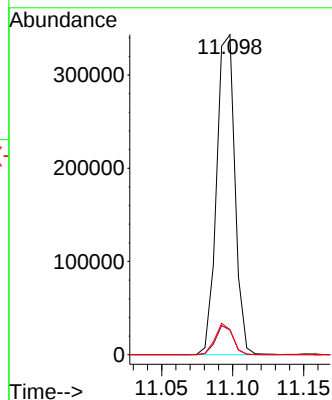
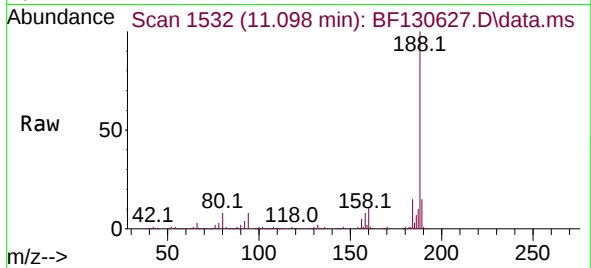




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130627.D
Acq: 12 Oct 2022 13:39

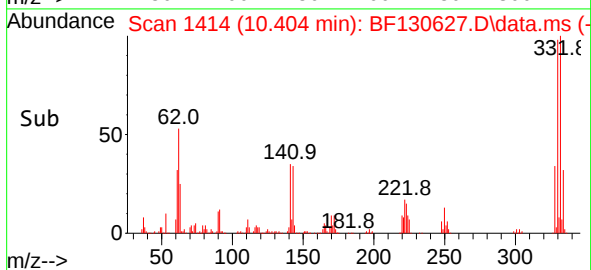
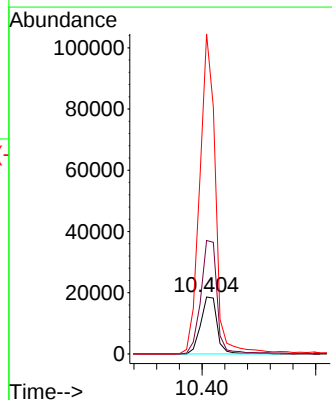
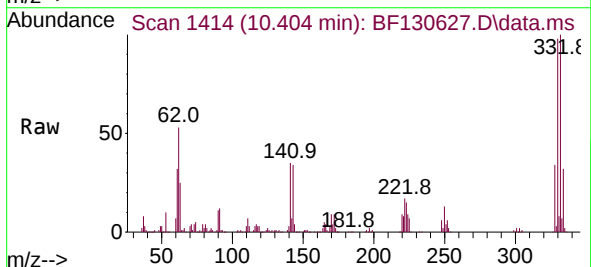
Instrument :
BNA_F
ClientSampleId :
C22(21-22)

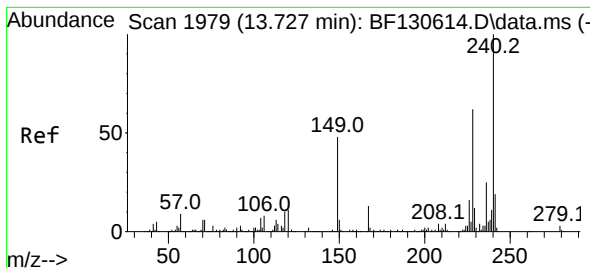
Tgt Ion:188 Resp: 307511
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.2
80 7.9 8.0 12.0#



#67
4-Bromophenyl-phenylether
Concen: 5.416 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.247 min
Lab File: BF130627.D
Acq: 12 Oct 2022 13:39

Tgt Ion:248 Resp: 18843
Ion Ratio Lower Upper
248 100
250 199.1 78.7 118.1#
141 561.2 61.6 92.4#

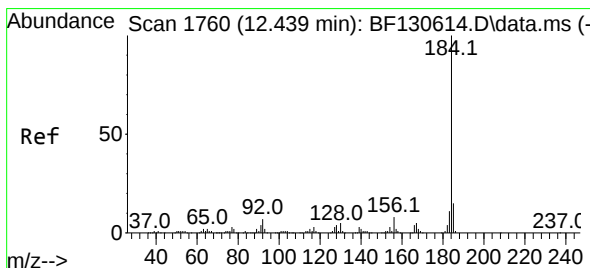
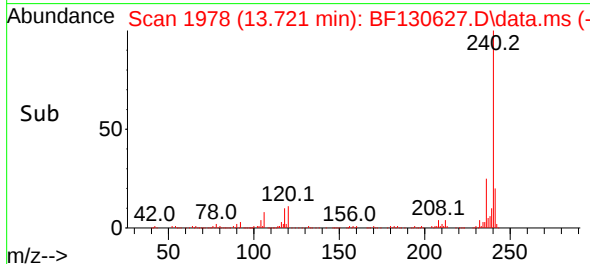
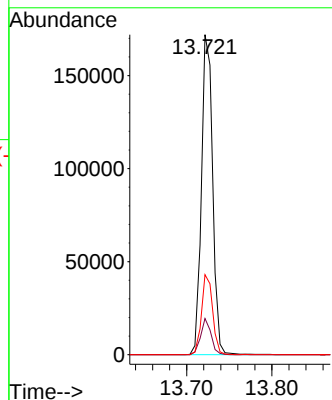
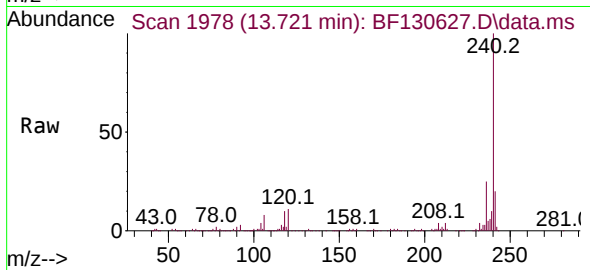




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BF130627.D
Acq: 12 Oct 2022 13:39

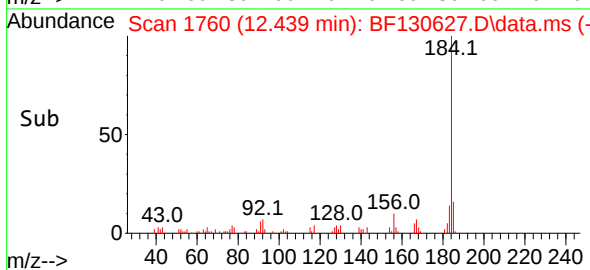
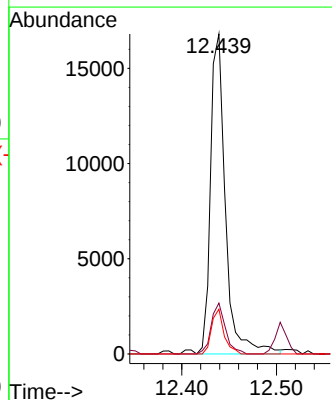
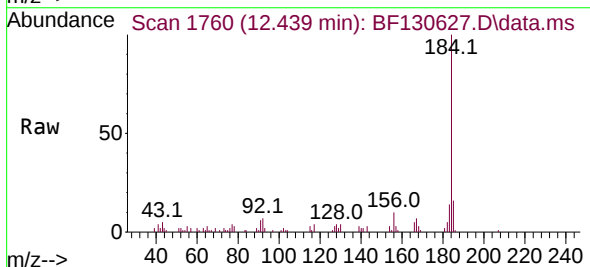
Instrument :
BNA_F
ClientSampleId :
C22(21-22)

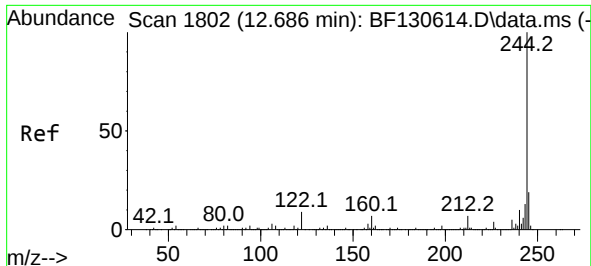
Tgt Ion:240 Resp: 157113
Ion Ratio Lower Upper
240 100
120 11.3 8.6 13.0
236 25.0 20.2 30.4



#77
Benzidine
Concen: 4.660 ng
RT: 12.439 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BF130627.D
Acq: 12 Oct 2022 13:39

Tgt Ion:184 Resp: 18507
Ion Ratio Lower Upper
184 100
185 15.9 12.0 18.0
183 14.0 9.0 13.4

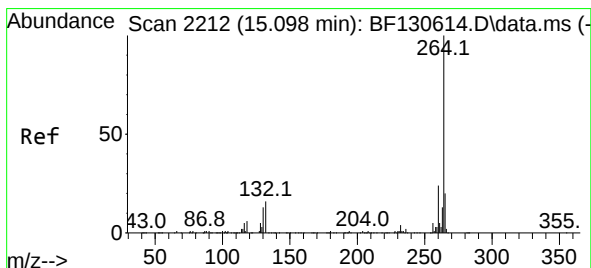
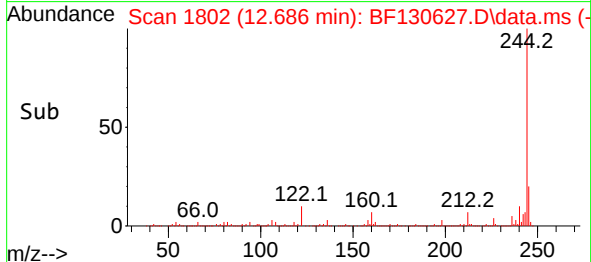
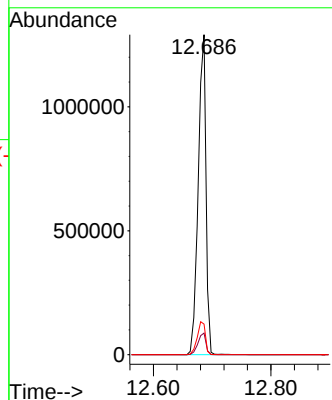
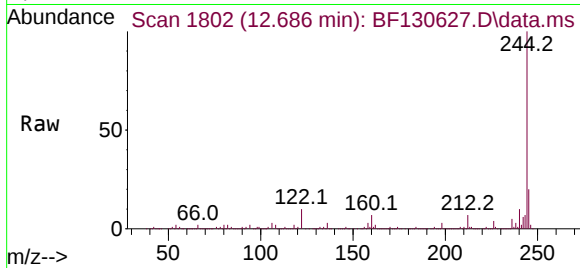




#79
 Terphenyl-d14
 Concen: 125.090 ng
 RT: 12.686 min Scan# 1802
 Delta R.T. 0.000 min
 Lab File: BF130627.D
 Acq: 12 Oct 2022 13:39

Instrument :
 BNA_F
 ClientSampleId :
 C22(21-22)

Tgt Ion:244 Resp: 1184120
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.5 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: BF130627.D
 Acq: 12 Oct 2022 13:39

Tgt Ion:264 Resp: 152951
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.2 16.4 24.6

