

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130632.D
 Acq On : 12 Oct 2022 16:21
 Operator : CG\JU
 Sample : N5066-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C12(11-12)

Quant Time: Oct 13 05:45:25 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)

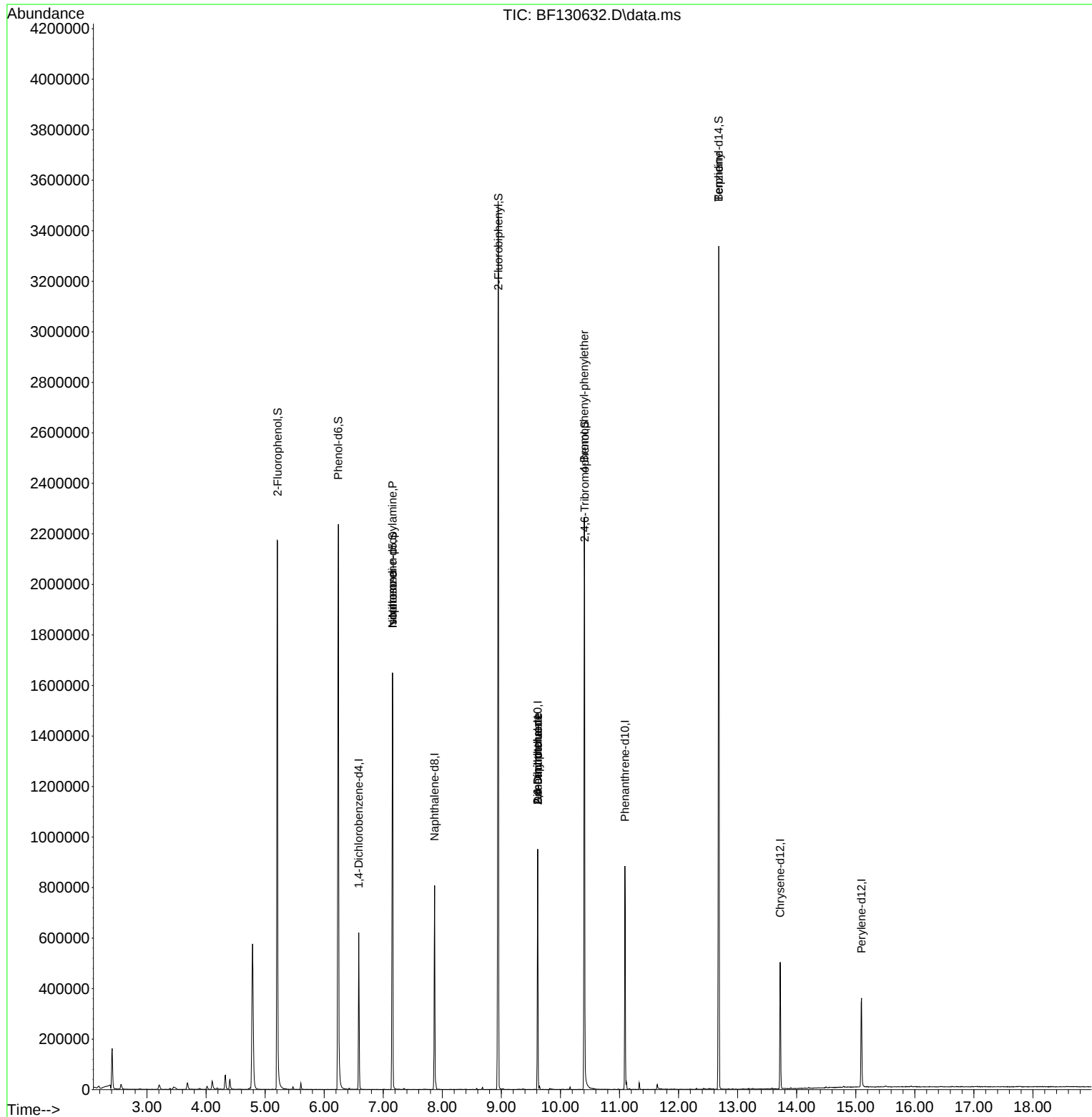
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	84868	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	337365	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	177155	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	297957	20.000	ng	0.00
76) Chrysene-d12	13.721	240	158266	20.000	ng	0.00
86) Perylene-d12	15.098	264	152948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	712118	151.250	ng	0.02
7) Phenol-d6	6.240	99	790094	133.472	ng	0.00
23) Nitrobenzene-d5	7.157	82	609992	98.706	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	305625	176.310	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1205444	103.070	ng	0.00
79) Terphenyl-d14	12.680	244	1213589	127.269	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.157	70	82426	21.582	ng	# 77
25) Isophorone	7.157	82	609984	59.305	ng	# 64
50) Dimethylphthalate	9.616	163	33304	2.716	ng	# 1
51) 2,6-Dinitrotoluene	9.616	165	22844	8.492	ng	# 25
57) 2,4-Dinitrotoluene	9.616	165	22844	6.608	ng	# 15
67) 4-Bromophenyl-phenylether	10.404	248	17858	5.297	ng	# 1
77) Benzidine	12.680	184	16893	4.223	ng	# 93

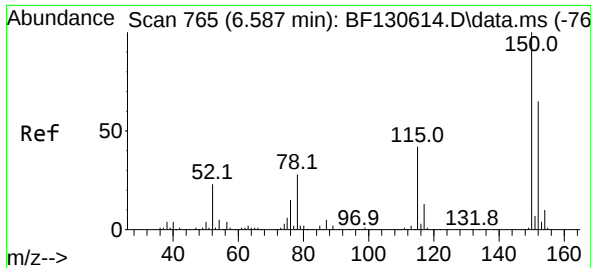
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
Data File : BF130632.D
Acq On : 12 Oct 2022 16:21
Operator : CG\JU
Sample : N5066-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C12(11-12)

Quant Time: Oct 13 05:45:25 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

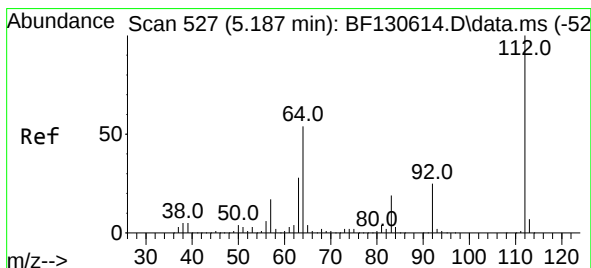
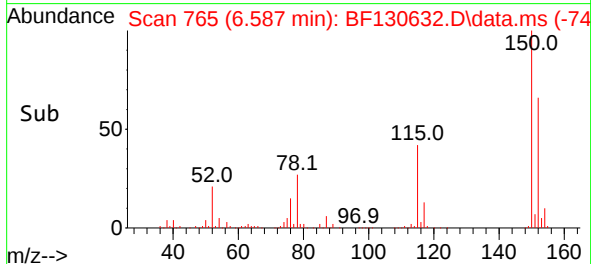
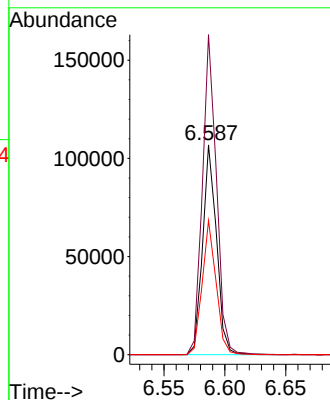
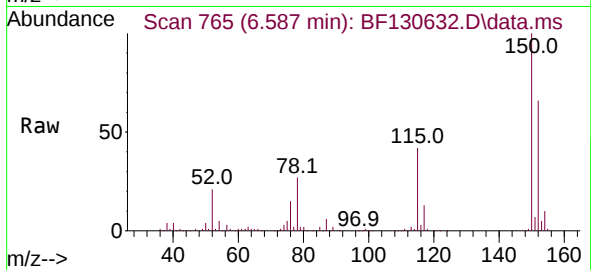




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130632.D
Acq: 12 Oct 2022 16:21

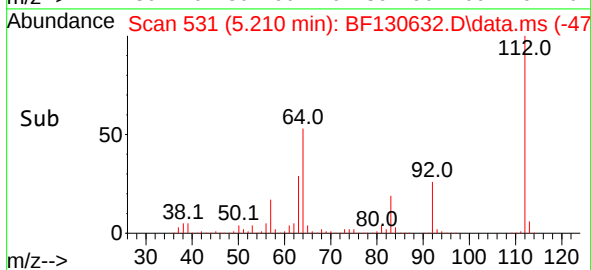
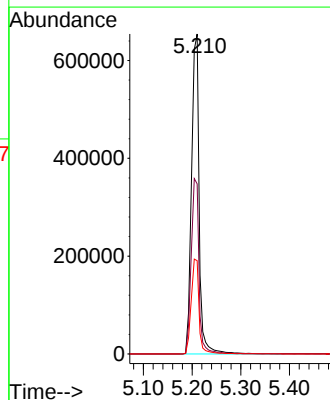
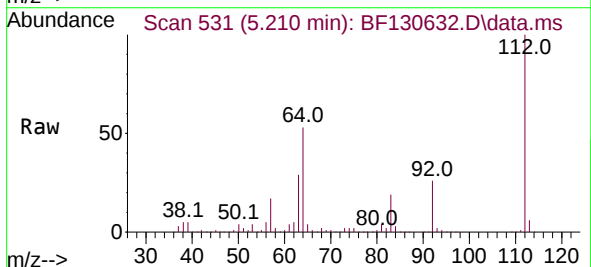
Instrument :
BNA_F
ClientSampleId :
C12(11-12)

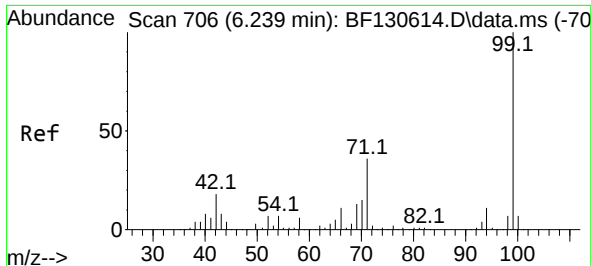
Tgt Ion:152 Resp: 84868
Ion Ratio Lower Upper
152 100
150 152.5 123.8 185.6
115 63.9 52.2 78.4



#5
2-Fluorophenol
Concen: 151.250 ng
RT: 5.210 min Scan# 531
Delta R.T. 0.024 min
Lab File: BF130632.D
Acq: 12 Oct 2022 16:21

Tgt Ion:112 Resp: 712118
Ion Ratio Lower Upper
112 100
64 53.2 43.5 65.3
63 29.2 22.6 34.0

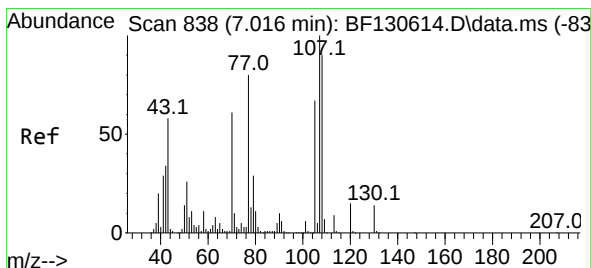
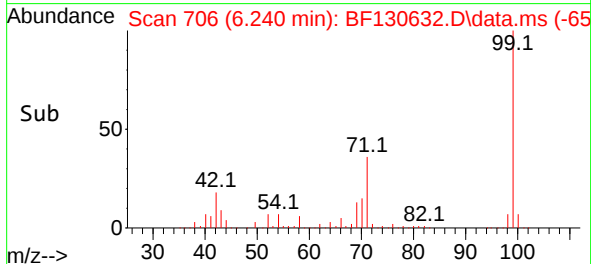
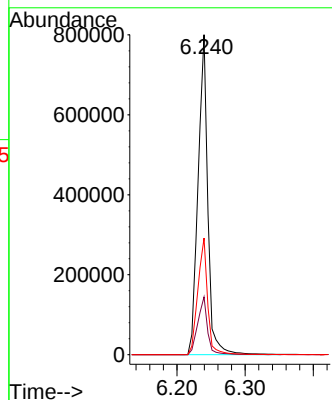
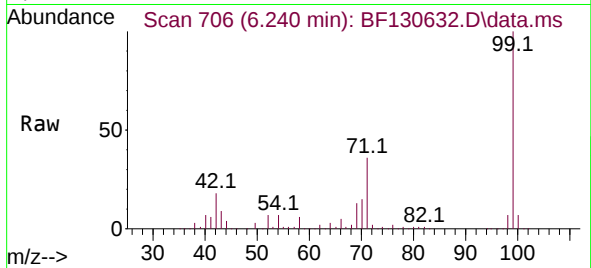




#7
Phenol-d6
Concen: 133.472 ng
RT: 6.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF130632.D
Acq: 12 Oct 2022 16:21

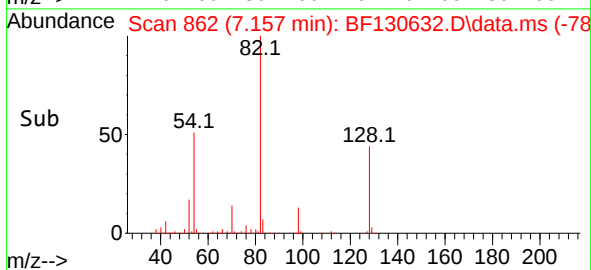
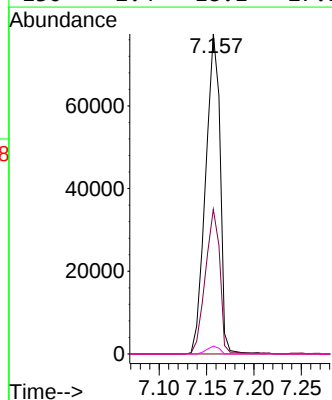
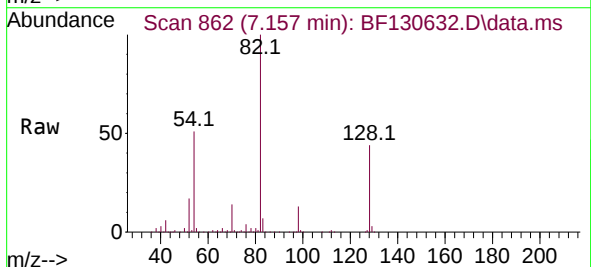
Instrument :
BNA_F
ClientSampleId :
C12(11-12)

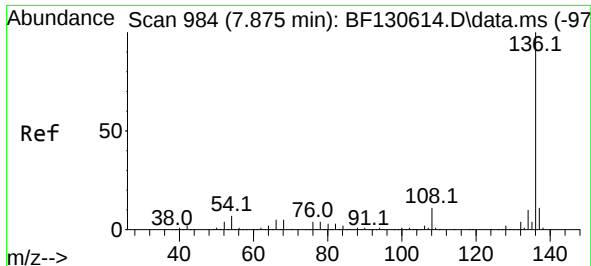
Tgt Ion: 99 Resp: 790094
Ion Ratio Lower Upper
99 100
42 18.1 14.0 21.0
71 36.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 21.582 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130632.D
Acq: 12 Oct 2022 16:21

Tgt Ion: 70 Resp: 82426
Ion Ratio Lower Upper
70 100
42 45.2 44.3 66.5
101 0.0 7.9 11.9#
130 2.4 18.1 27.1#

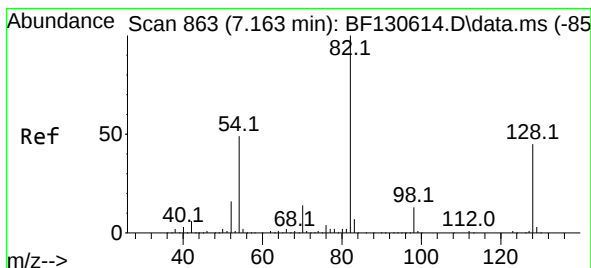
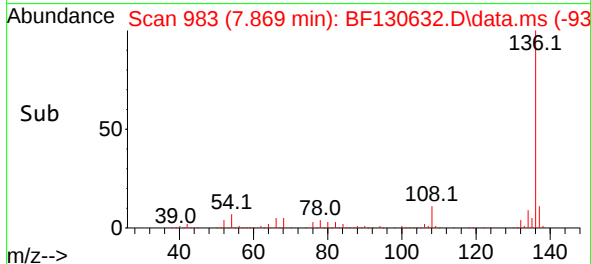
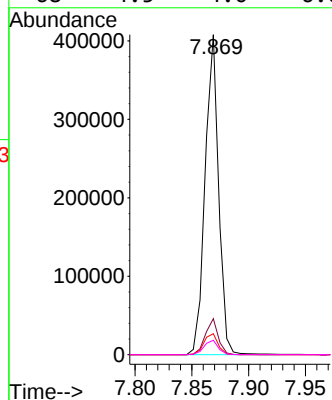
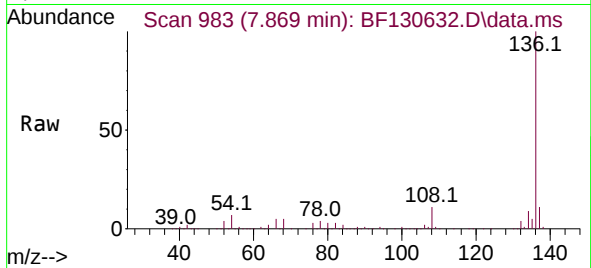




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130632.D
Acq: 12 Oct 2022 16:21

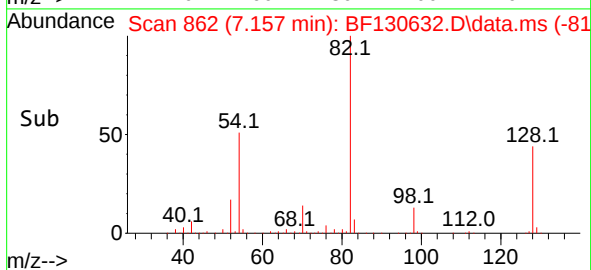
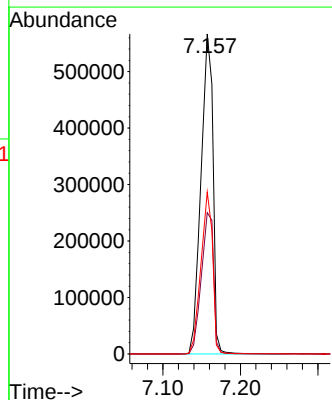
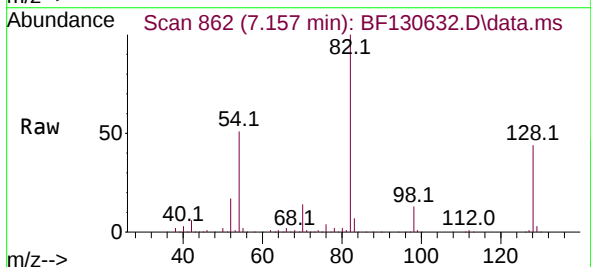
Instrument :
BNA_F
ClientSampleId :
C12(11-12)

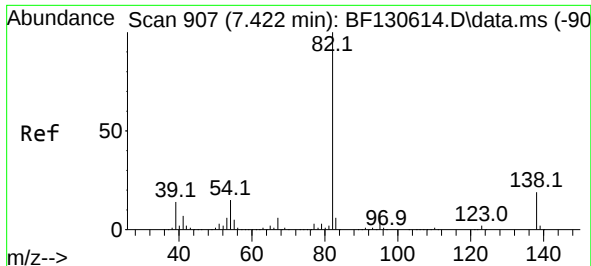
Tgt Ion:136 Resp: 337365
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 6.6 5.5 8.3
68 4.5 4.0 6.0



#23
Nitrobenzene-d5
Concen: 98.706 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130632.D
Acq: 12 Oct 2022 16:21

Tgt Ion: 82 Resp: 609992
Ion Ratio Lower Upper
82 100
128 44.2 35.8 53.6
54 50.6 39.3 58.9

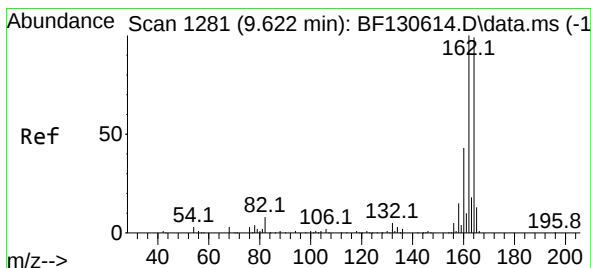
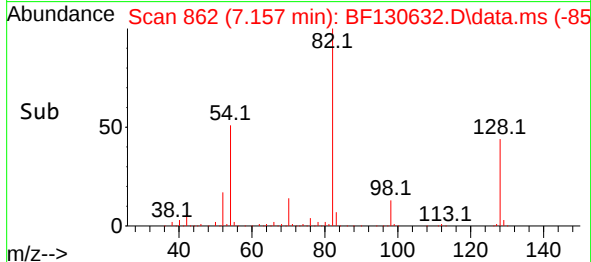
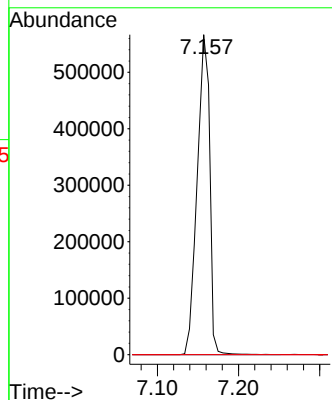
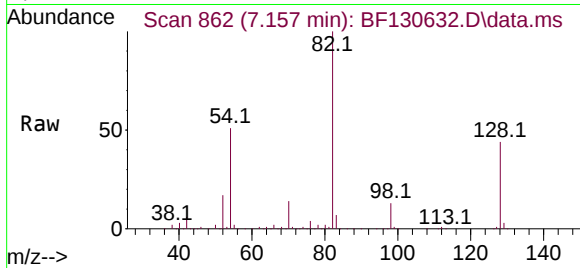




#25
Isophorone
Concen: 59.305 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130632.D
Acq: 12 Oct 2022 16:21

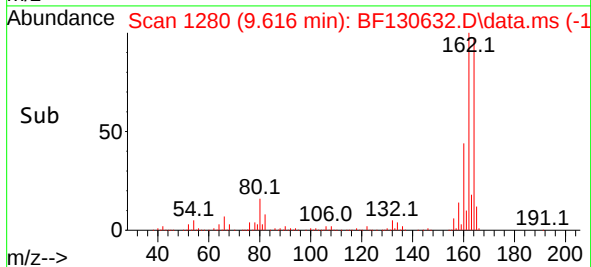
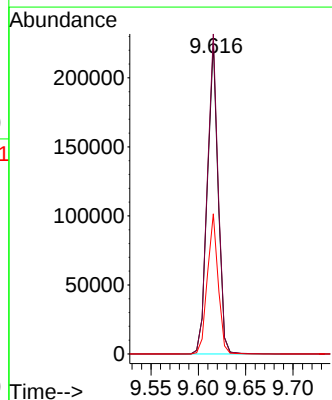
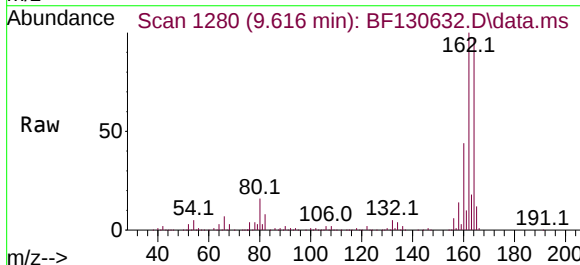
Instrument :
BNA_F
ClientSampleId :
C12(11-12)

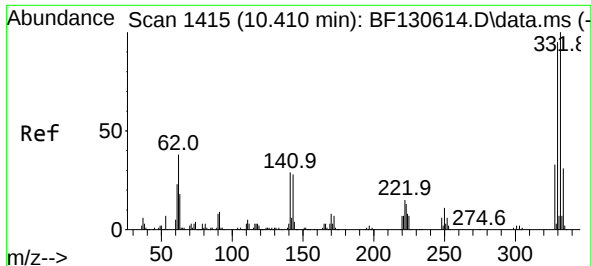
Tgt Ion: 82 Resp: 609984
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130632.D
Acq: 12 Oct 2022 16:21

Tgt Ion:164 Resp: 177155
Ion Ratio Lower Upper
164 100
162 102.7 81.0 121.4
160 45.0 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 176.310 ng

RT: 10.410 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF130632.D

Acq: 12 Oct 2022 16:21

Instrument :

BNA_F

ClientSampleId :

C12(11-12)

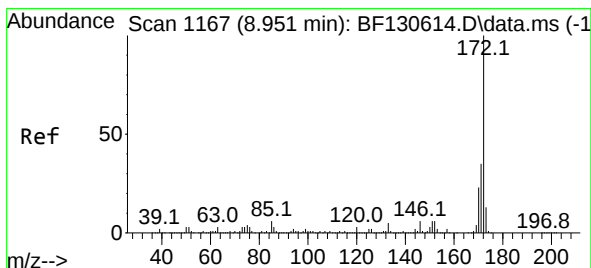
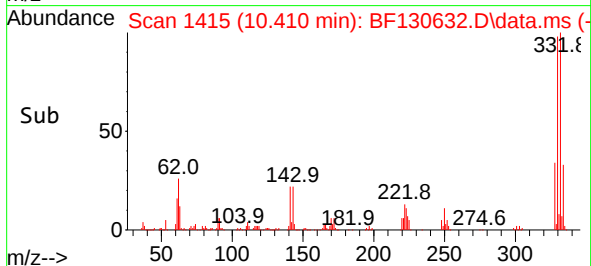
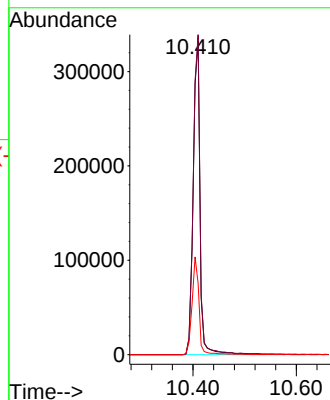
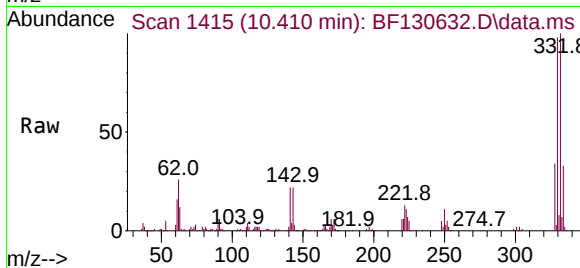
Tgt Ion:330 Resp: 305625

Ion Ratio Lower Upper

330 100

332 101.9 84.2 126.4

141 31.5 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 103.070 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF130632.D

Acq: 12 Oct 2022 16:21

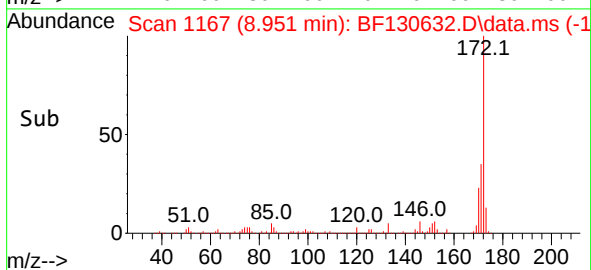
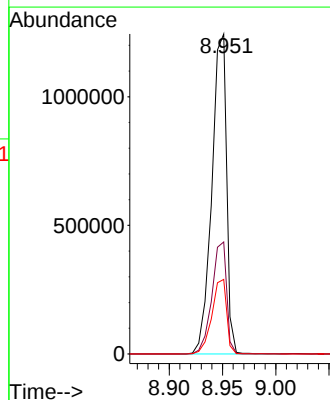
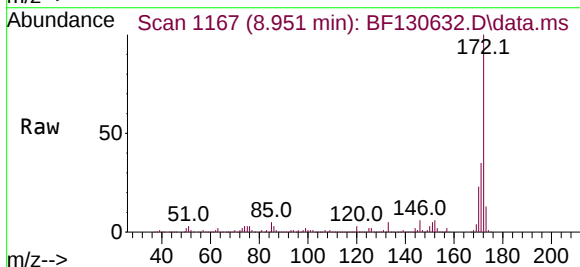
Tgt Ion:172 Resp: 1205444

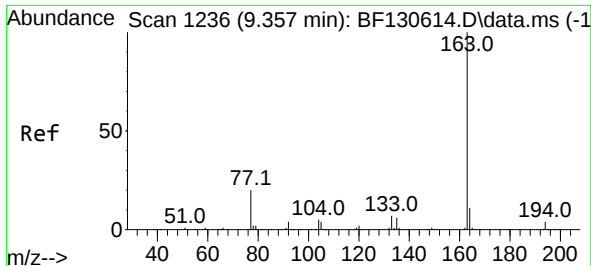
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.8

170 23.3 18.6 27.8

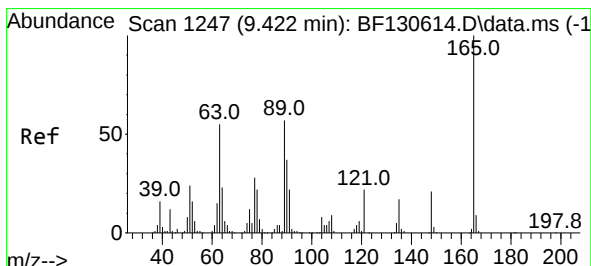
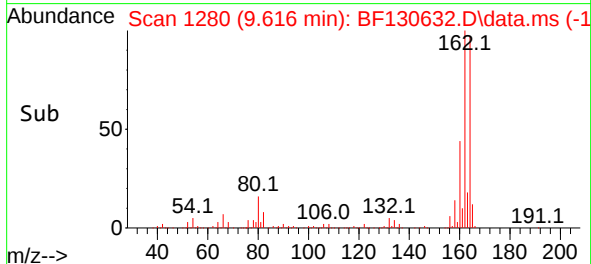
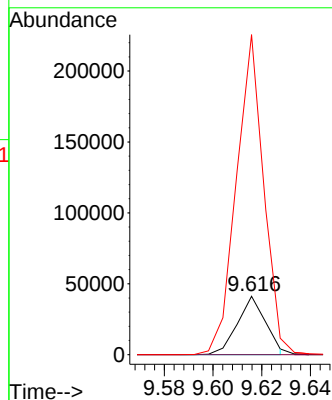
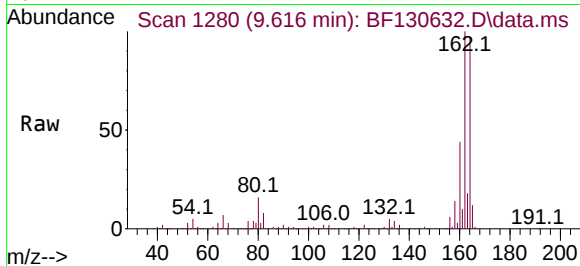




#50
Dimethylphthalate
Concen: 2.716 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.259 min
Lab File: BF130632.D
Acq: 12 Oct 2022 16:21

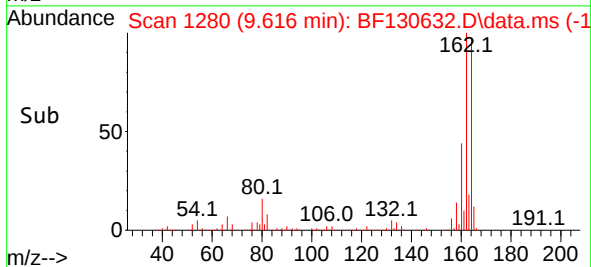
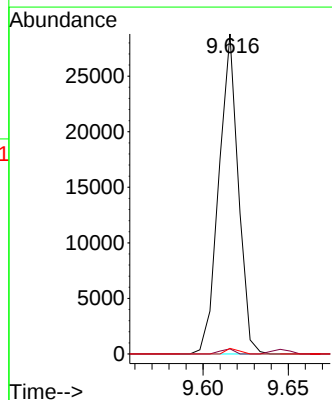
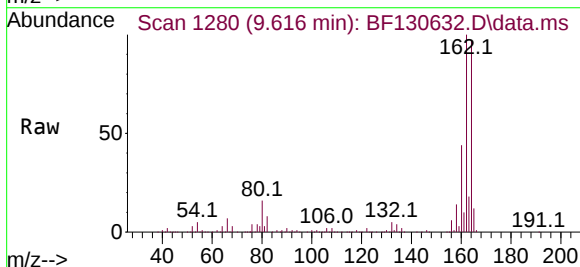
Instrument :
BNA_F
ClientSampleId :
C12(11-12)

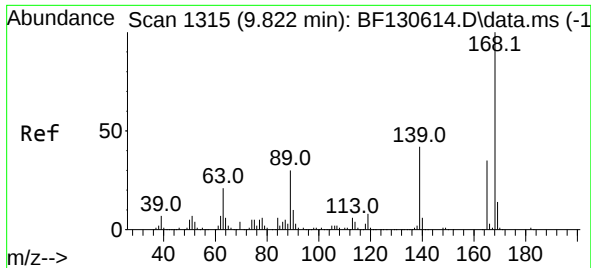
Tgt Ion:163 Resp: 33304
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 548.3 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.492 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.194 min
Lab File: BF130632.D
Acq: 12 Oct 2022 16:21

Tgt Ion:165 Resp: 22844
Ion Ratio Lower Upper
165 100
63 1.6 45.3 67.9#
89 1.7 45.6 68.4#





#57

2,4-Dinitrotoluene

Concen: 6.608 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.206 min

Lab File: BF130632.D

Acq: 12 Oct 2022 16:21

Instrument :

BNA_F

ClientSampleId :

C12(11-12)

Tgt Ion:165 Resp: 22844

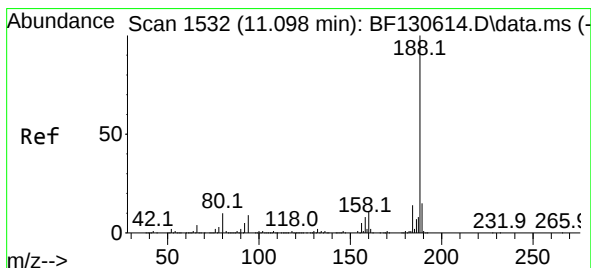
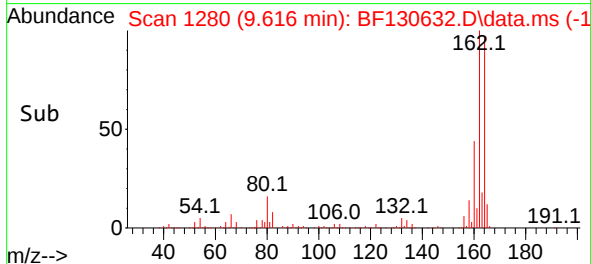
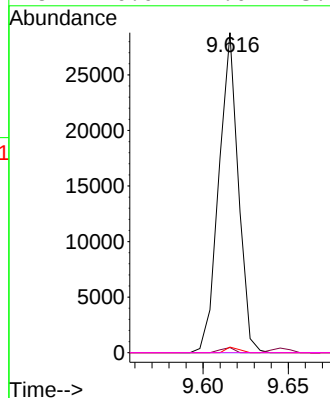
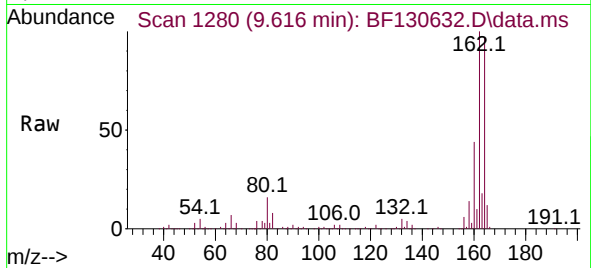
Ion Ratio Lower Upper

165 100

63 1.6 50.6 76.0#

89 1.7 68.6 102.8#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF130632.D

Acq: 12 Oct 2022 16:21

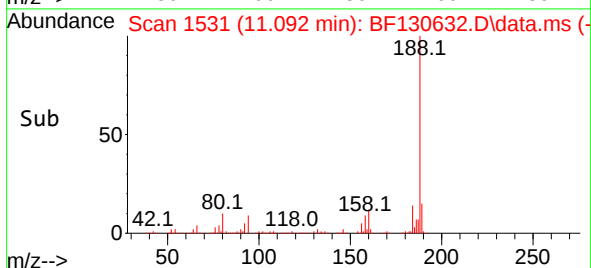
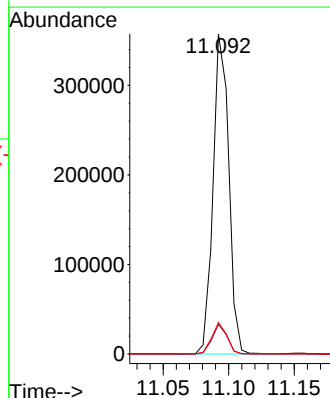
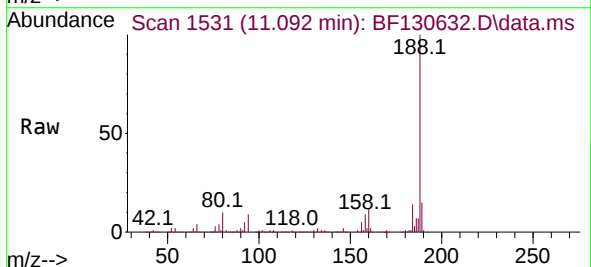
Tgt Ion:188 Resp: 297957

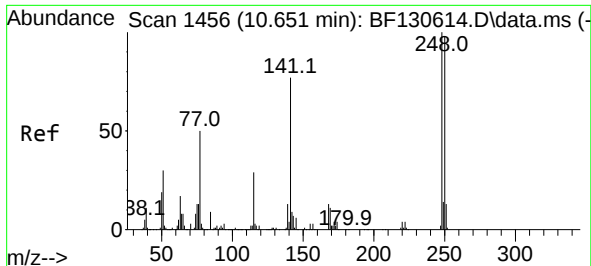
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 9.8 8.0 12.0

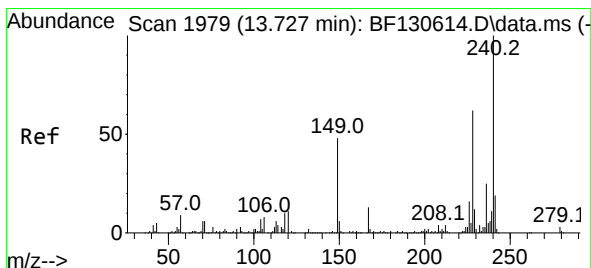
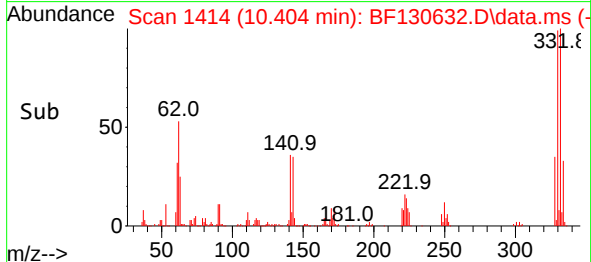
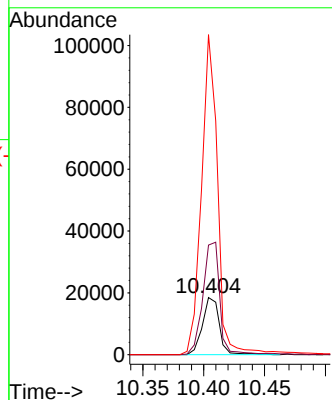
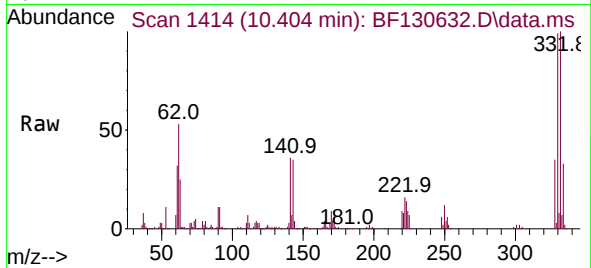




#67
4-Bromophenyl-phenylether
Concen: 5.297 ng
RT: 10.404 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF130632.D
Acq: 12 Oct 2022 16:21

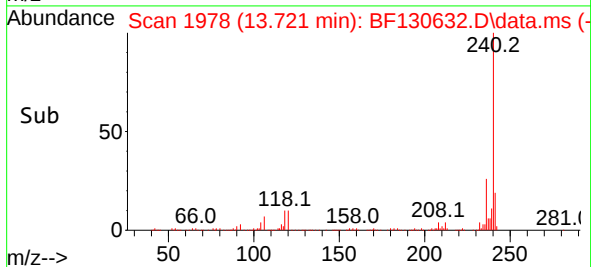
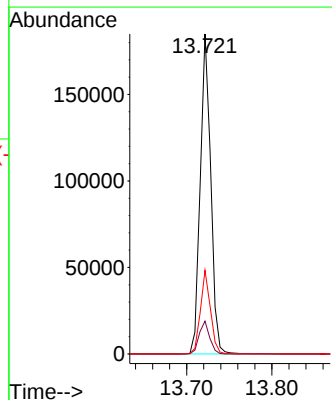
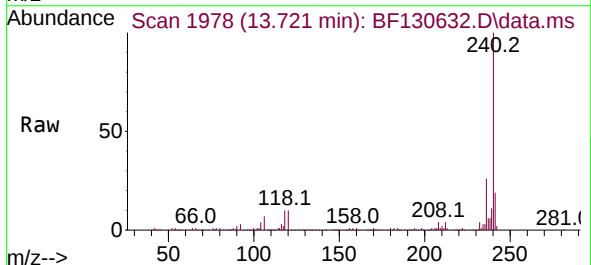
Instrument :
BNA_F
ClientSampleId :
C12(11-12)

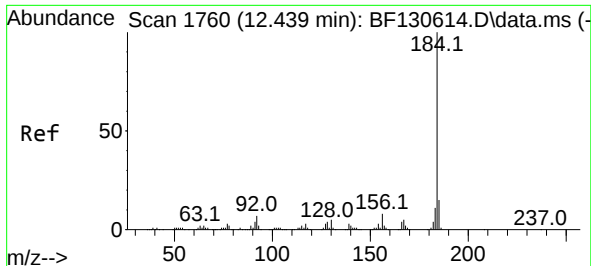
Tgt Ion:248 Resp: 17858
Ion Ratio Lower Upper
248 100
250 191.9 78.7 118.1#
141 560.2 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130632.D
Acq: 12 Oct 2022 16:21

Tgt Ion:240 Resp: 158266
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 26.1 20.2 30.4

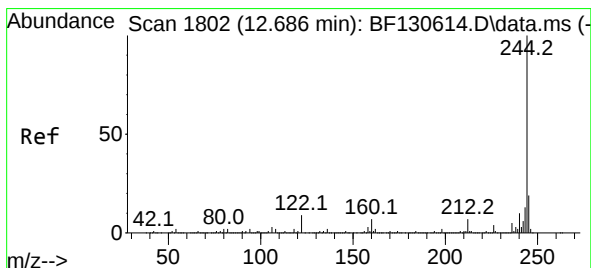
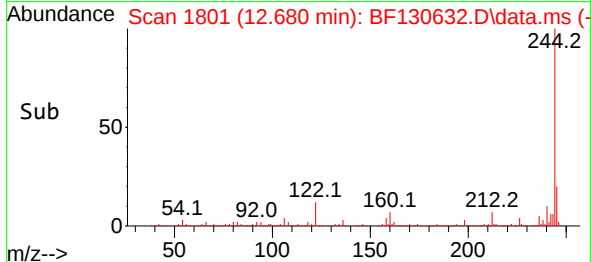
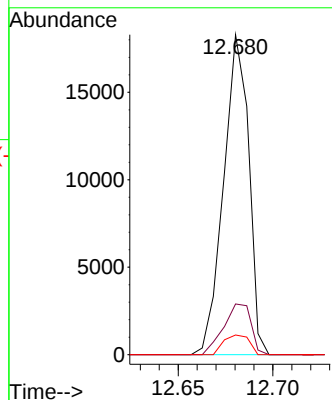
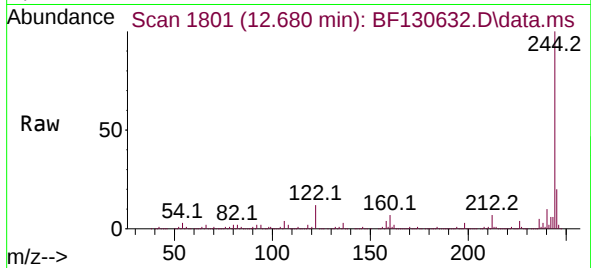




#77
Benzidine
Concen: 4.223 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.241 min
Lab File: BF130632.D
Acq: 12 Oct 2022 16:21

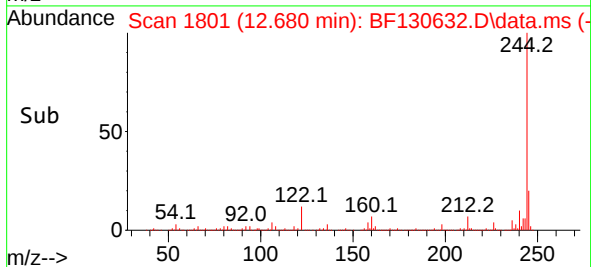
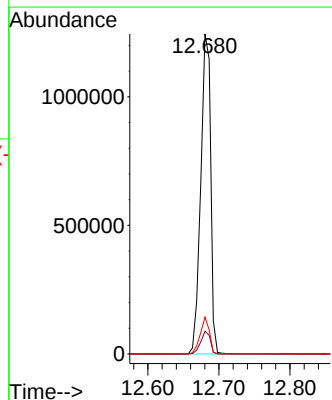
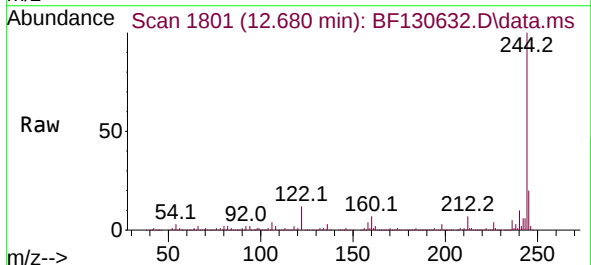
Instrument :
BNA_F
ClientSampleId :
C12(11-12)

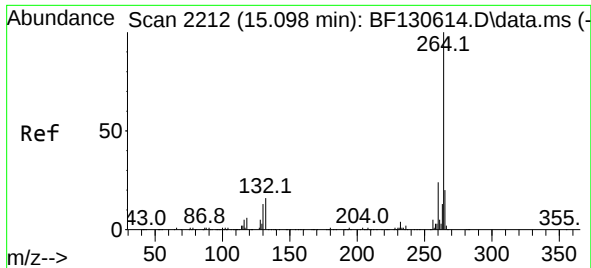
Tgt Ion:184 Resp: 16893
Ion Ratio Lower Upper
184 100
185 15.9 12.0 18.0
183 6.1 9.0 13.4#



#79
Terphenyl-d14
Concen: 127.269 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF130632.D
Acq: 12 Oct 2022 16:21

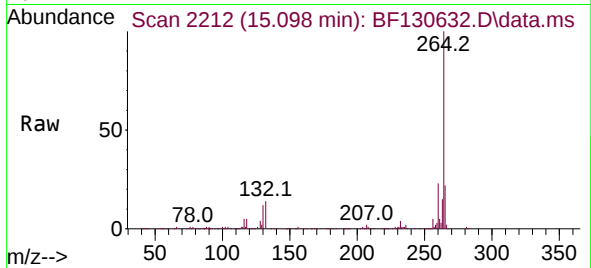
Tgt Ion:244 Resp: 1213589
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.5 7.5 11.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF130632.D
Acq: 12 Oct 2022 16:21

Instrument :
BNA_F
ClientSampleId :
C12(11-12)



Tgt Ion:264 Resp: 152948

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.5	16.4	24.6

