

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
 Data File : BF130626.D
 Acq On : 12 Oct 2022 13:07
 Operator : CG\JU
 Sample : N5033-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 596C-1RE

Quant Time: Oct 13 05:43:39 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)

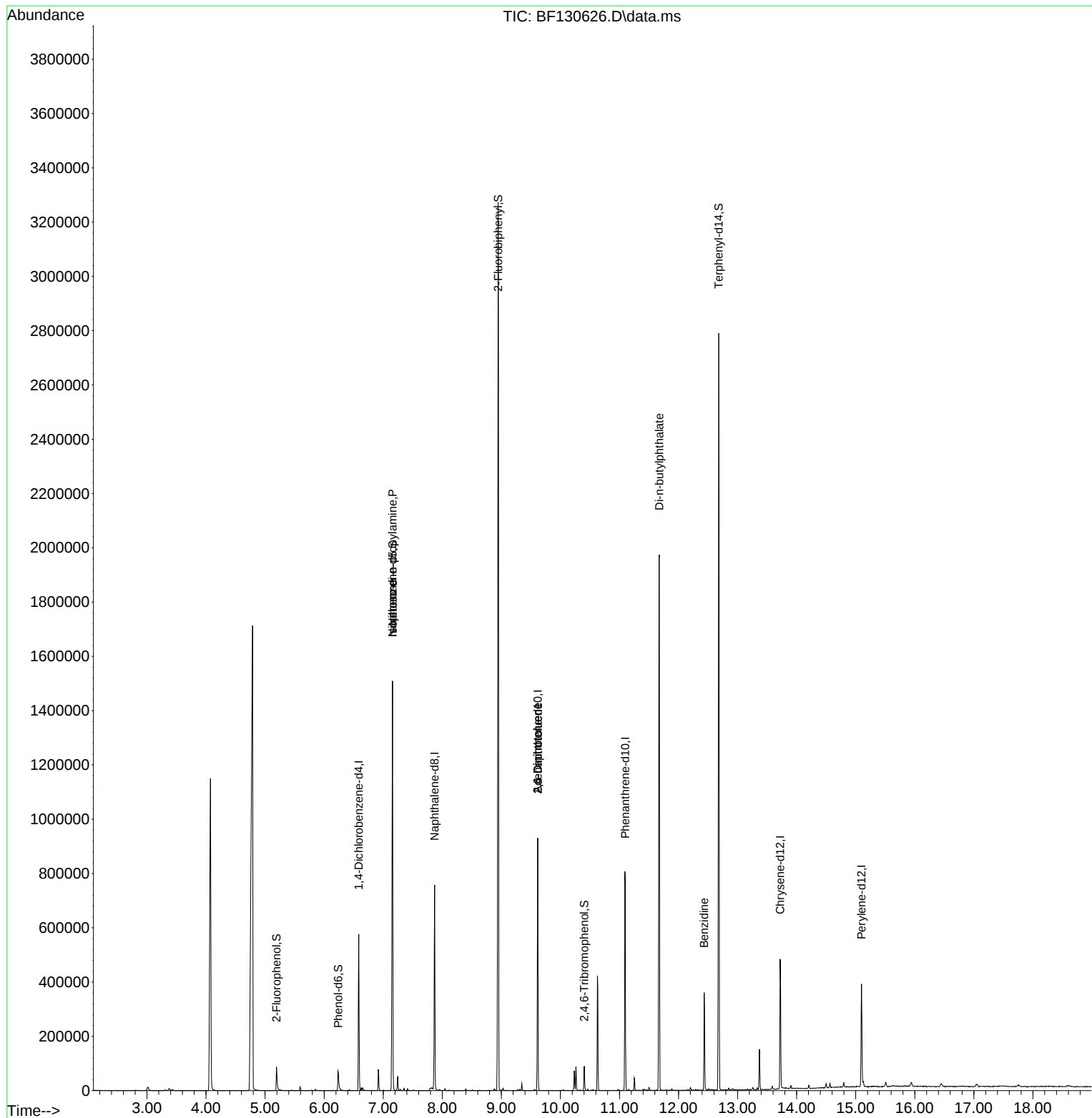
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	80988	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	318233	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	174354	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	293506	20.000	ng	0.00
76) Chrysene-d12	13.721	240	152512	20.000	ng	0.00
86) Perylene-d12	15.098	264	148899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	29482	6.562	ng	0.00
7) Phenol-d6	6.240	99	20952	3.709	ng	0.00
23) Nitrobenzene-d5	7.157	82	480325	82.396	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	10600	6.213	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	1071688	93.106	ng	0.00
79) Terphenyl-d14	12.680	244	933484	101.587	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.157	70	64197	17.614	ng	Qvalue 77
25) Isophorone	7.157	82	480312	49.506	ng	# 64
51) 2,6-Dinitrotoluene	9.616	165	22628	8.547	ng	# 25
57) 2,4-Dinitrotoluene	9.616	165	22628	6.650	ng	# 15
74) Di-n-butylphthalate	11.675	149	1069737	62.317	ng	100
77) Benzidine	12.433	184	124784	32.370	ng	99

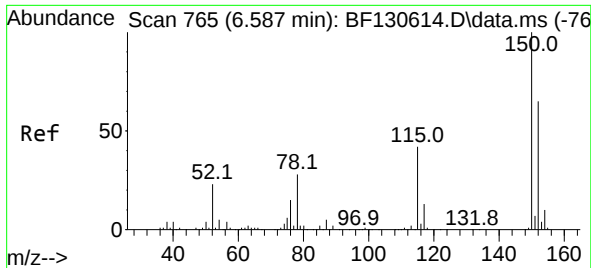
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
Data File : BF130626.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 13 05:43:39 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

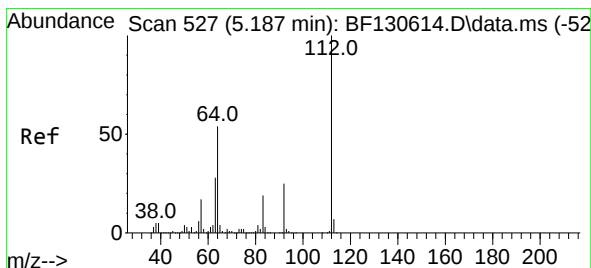
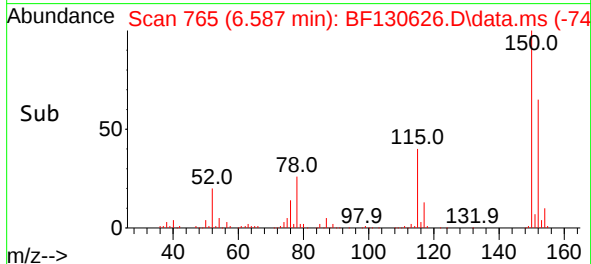
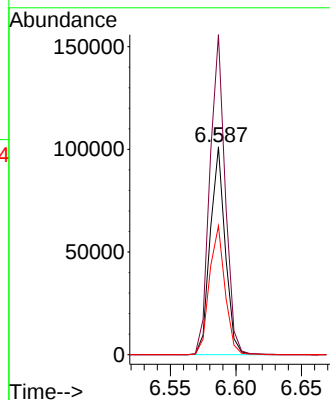
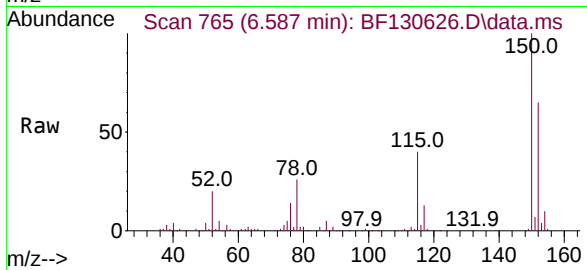




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130626.D
Acq: 12 Oct 2022 13:07

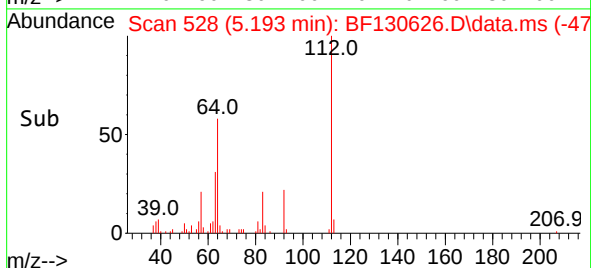
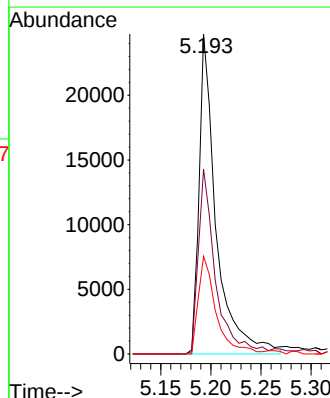
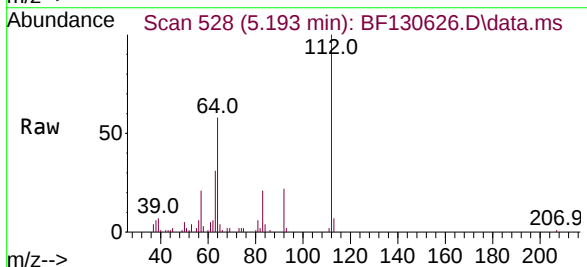
Instrument :
BNA_F
ClientSampleId :
596C-1RE

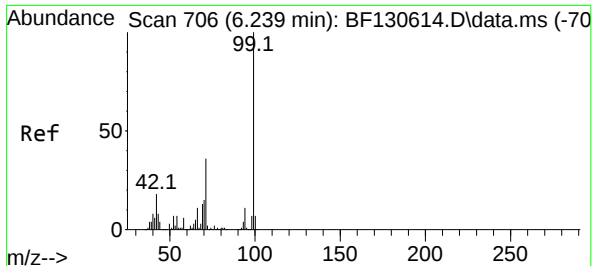
Tgt Ion:152 Resp: 80988
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.6
115 61.9 52.2 78.4



#5
2-Fluorophenol
Concen: 6.562 ng
RT: 5.193 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF130626.D
Acq: 12 Oct 2022 13:07

Tgt Ion:112 Resp: 29482
Ion Ratio Lower Upper
112 100
64 57.7 43.5 65.3
63 30.5 22.6 34.0





#7
Phenol-d6
Concen: 3.709 ng
RT: 6.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF130626.D
Acq: 12 Oct 2022 13:07

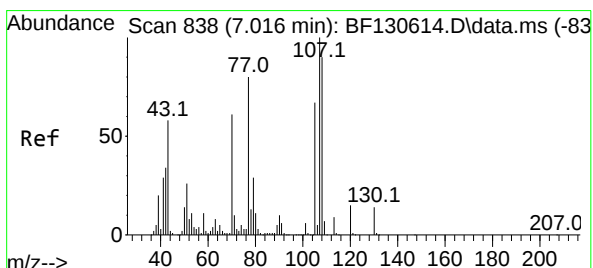
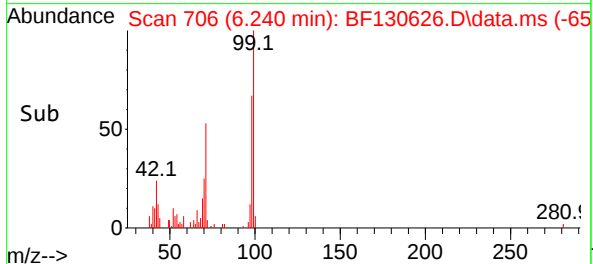
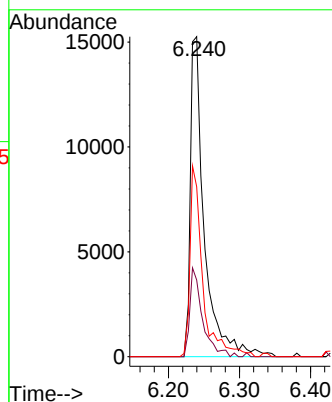
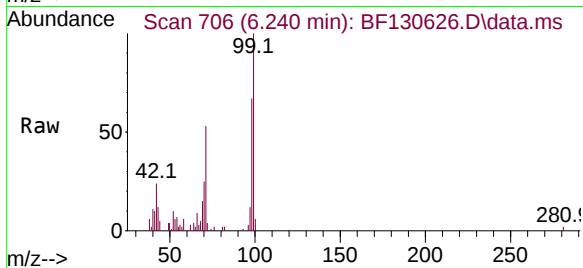
Instrument :

BNA_F

ClientSampleId :

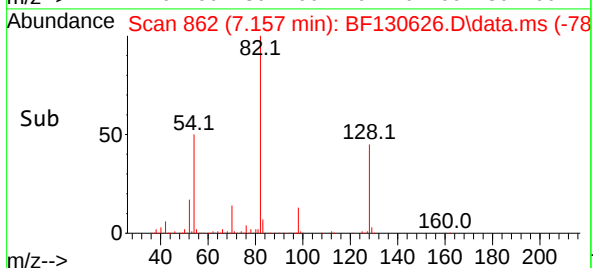
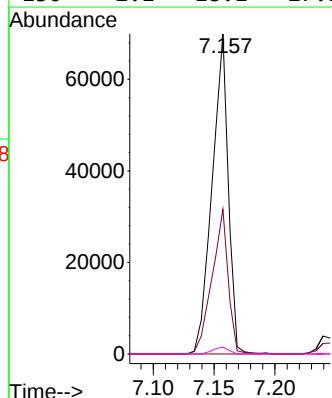
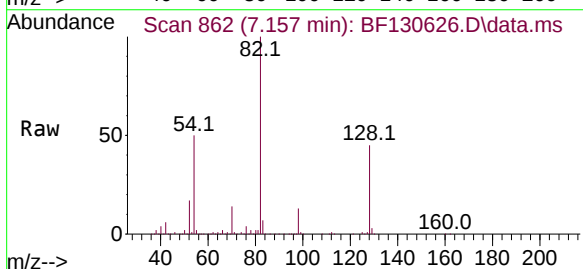
596C-1RE

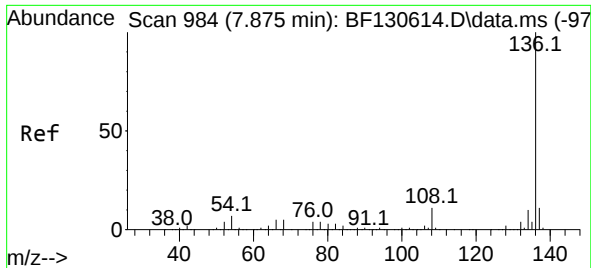
Tgt Ion: 99 Resp: 20952
Ion Ratio Lower Upper
99 100
42 24.0 14.0 21.0#
71 53.1 28.8 43.2#



#19
n-Nitroso-di-n-propylamine
Concen: 17.614 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130626.D
Acq: 12 Oct 2022 13:07

Tgt Ion: 70 Resp: 64197
Ion Ratio Lower Upper
70 100
42 45.2 44.3 66.5
101 0.0 7.9 11.9#
130 2.1 18.1 27.1#

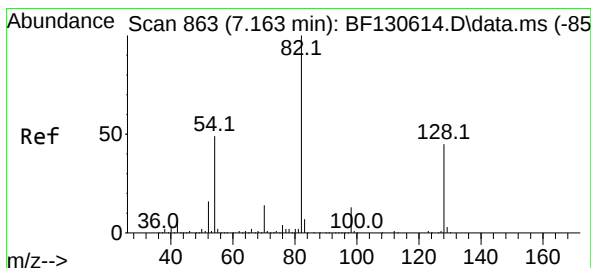
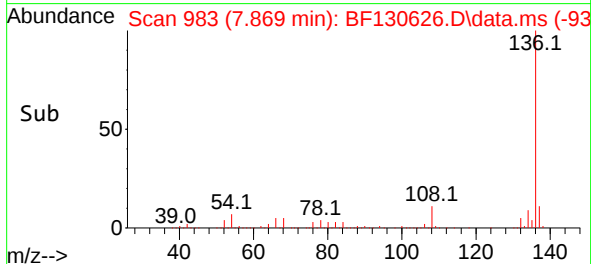
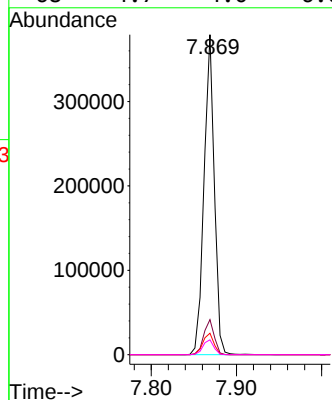
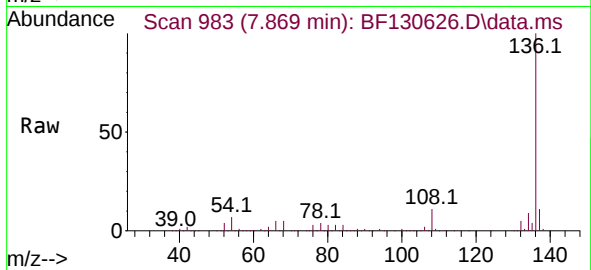




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130626.D
Acq: 12 Oct 2022 13:07

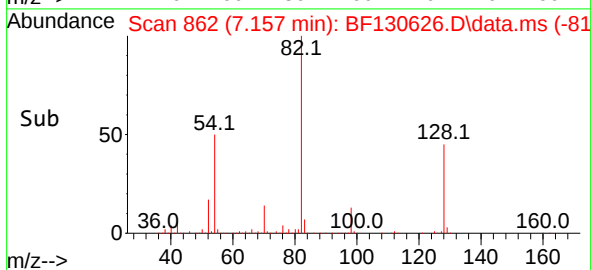
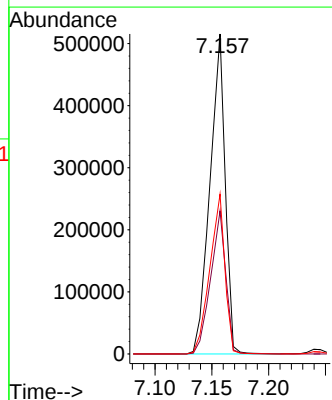
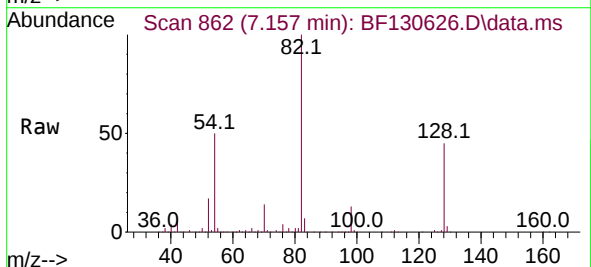
Instrument :
BNA_F
ClientSampleId :
596C-1RE

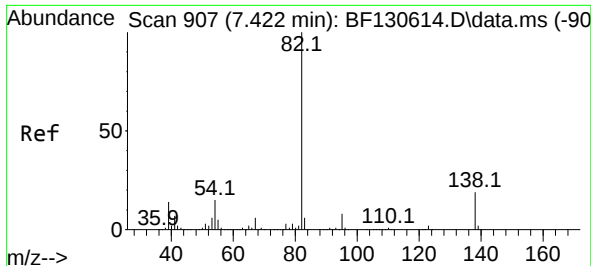
Tgt Ion:136 Resp: 318233
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.7 5.5 8.3
68 4.7 4.0 6.0



#23
Nitrobenzene-d5
Concen: 82.396 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130626.D
Acq: 12 Oct 2022 13:07

Tgt Ion: 82 Resp: 480325
Ion Ratio Lower Upper
82 100
128 44.7 35.8 53.6
54 49.9 39.3 58.9

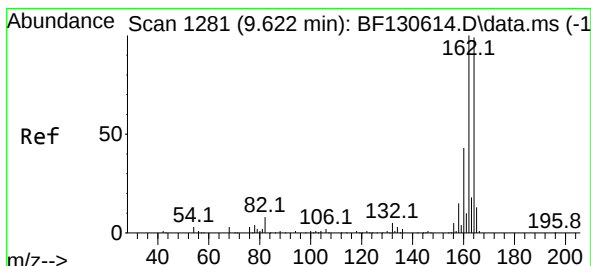
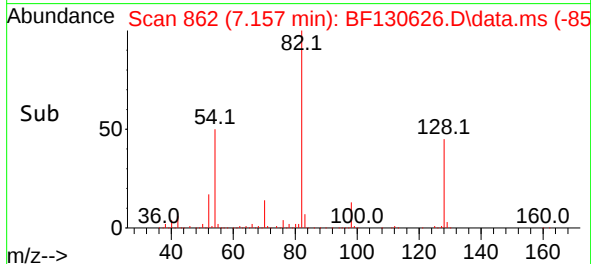
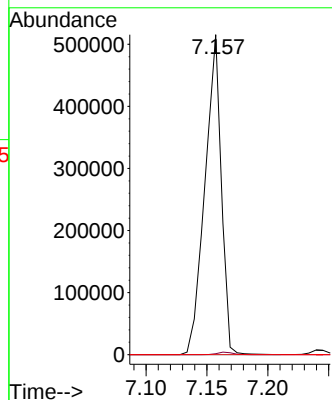
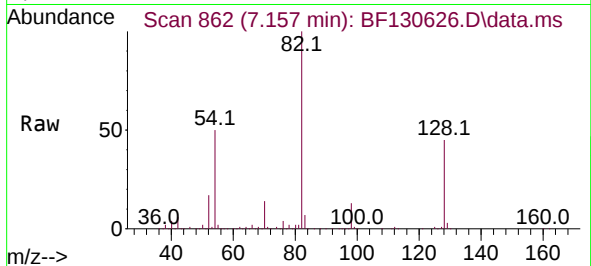




#25
Isophorone
Concen: 49.506 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130626.D
Acq: 12 Oct 2022 13:07

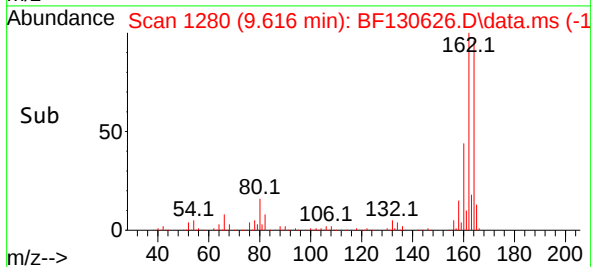
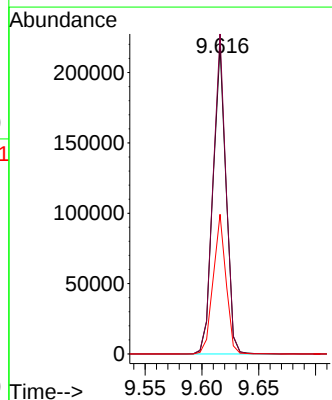
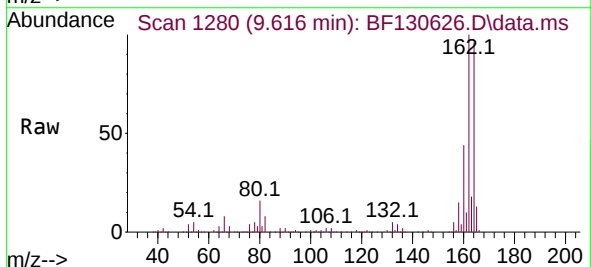
Instrument :
BNA_F
ClientSampleId :
596C-1RE

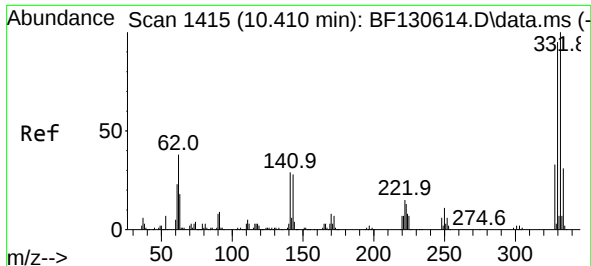
Tgt Ion: 82 Resp: 480312
Ion Ratio Lower Upper
82 100
95 0.3 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130626.D
Acq: 12 Oct 2022 13:07

Tgt Ion:164 Resp: 174354
Ion Ratio Lower Upper
164 100
162 104.0 81.0 121.4
160 45.4 34.5 51.7

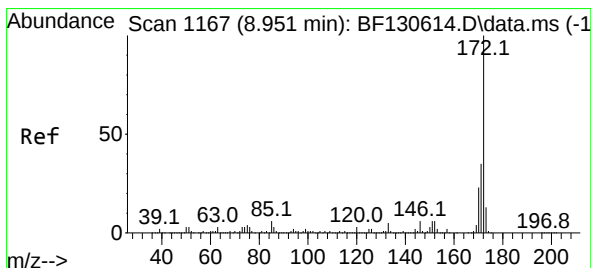
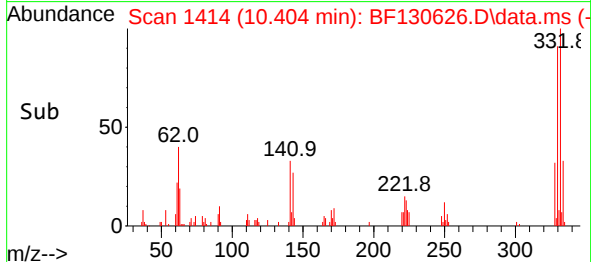
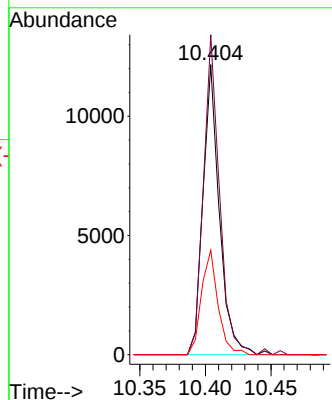
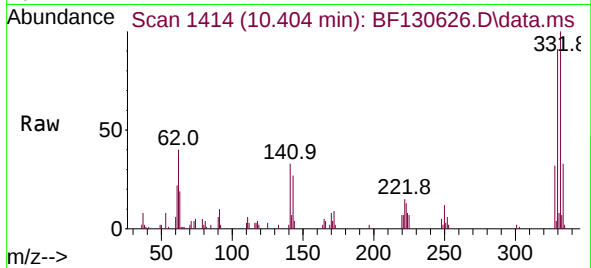




#42
2,4,6-Tribromophenol
Concen: 6.213 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF130626.D
Acq: 12 Oct 2022 13:07

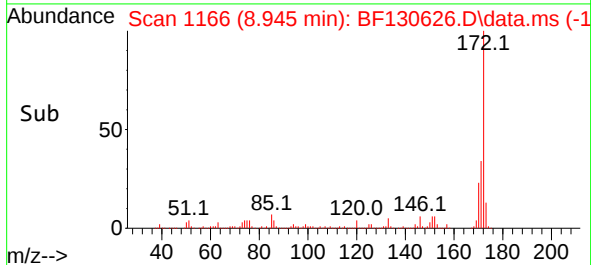
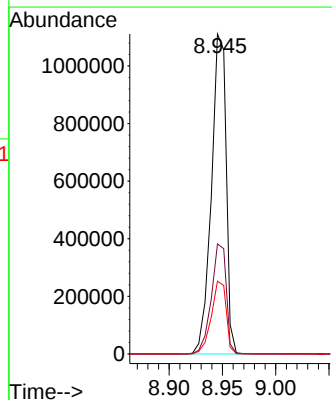
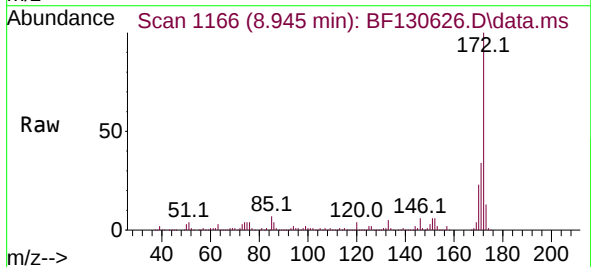
Instrument :
BNA_F
ClientSampleId :
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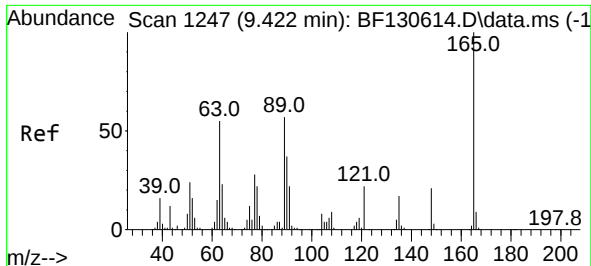
Tgt Ion: 330 Resp: 10600
Ion Ratio Lower Upper
330 100
332 107.7 84.2 126.4
141 36.5 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 93.106 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF130626.D
Acq: 12 Oct 2022 13:07

Tgt Ion: 172 Resp: 1071688
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 22.8 18.6 27.8

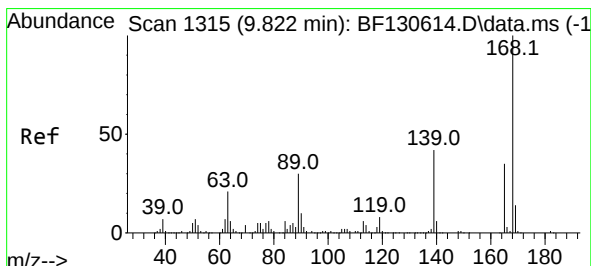
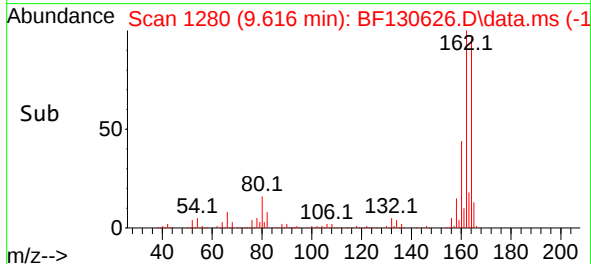
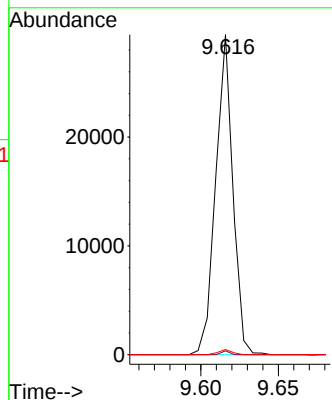
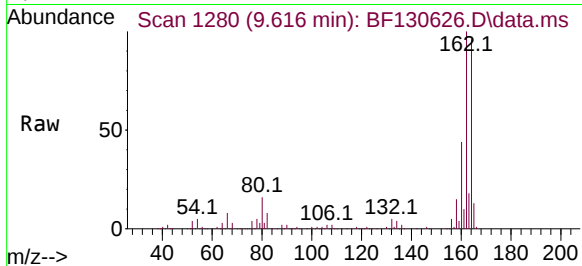




#51
2,6-Dinitrotoluene
Concen: 8.547 ng
RT: 9.616 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF130626.D
Acq: 12 Oct 2022 13:07

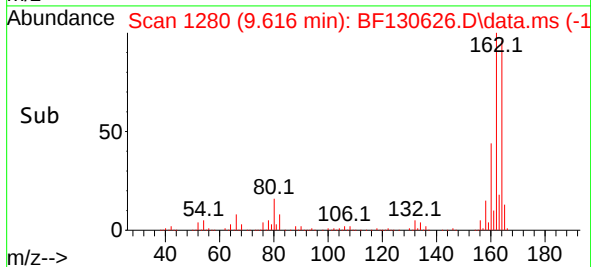
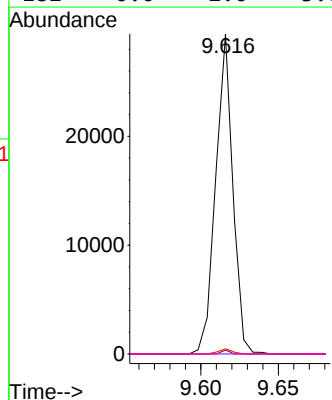
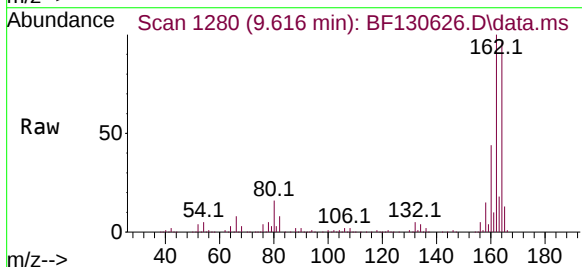
Instrument :
BNA_F
ClientSampleId :
596C-1RE

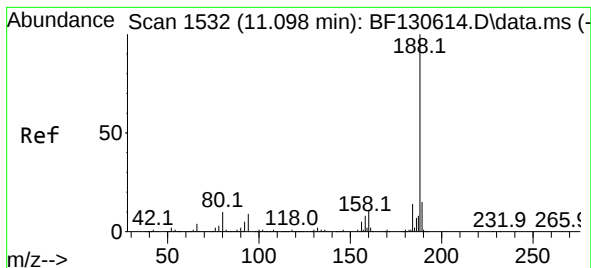
Tgt Ion:165 Resp: 22628
Ion Ratio Lower Upper
165 100
63 1.2 45.3 67.9#
89 1.6 45.6 68.4#



#57
2,4-Dinitrotoluene
Concen: 6.650 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF130626.D
Acq: 12 Oct 2022 13:07

Tgt Ion:165 Resp: 22628
Ion Ratio Lower Upper
165 100
63 1.2 50.6 76.0#
89 1.6 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: BF130626.D

Acq: 12 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

596C-1RE

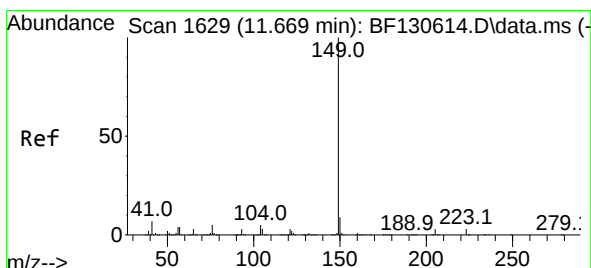
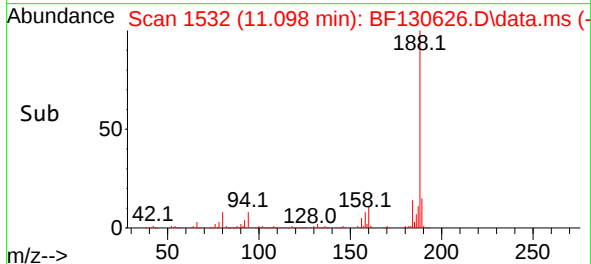
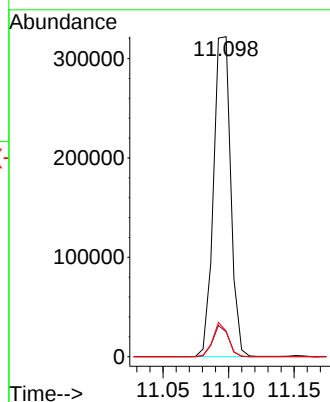
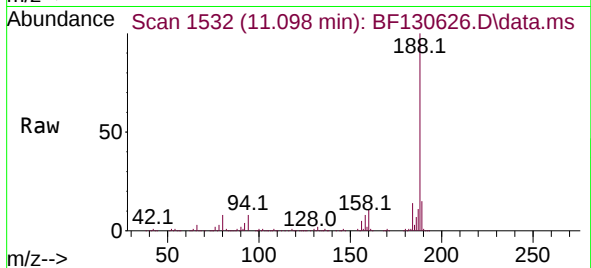
Tgt Ion:188 Resp: 293506

Ion Ratio Lower Upper

188 100

94 7.8 7.4 11.2

80 8.0 8.0 12.0



#74

Di-n-butylphthalate

Concen: 62.317 ng

RT: 11.675 min Scan# 1630

Delta R.T. 0.006 min

Lab File: BF130626.D

Acq: 12 Oct 2022 13:07

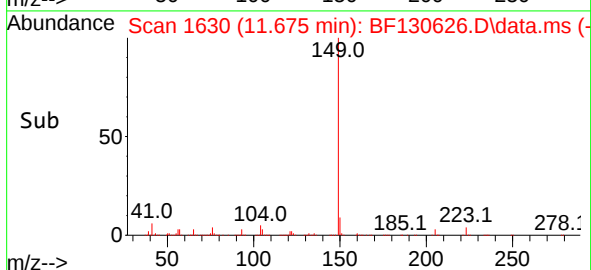
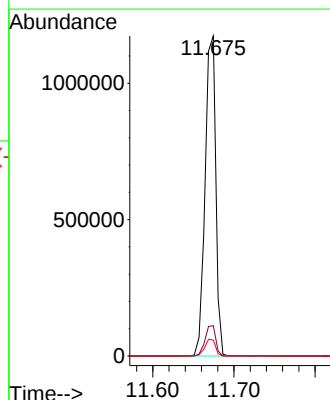
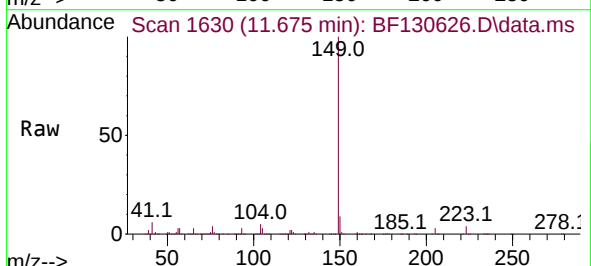
Tgt Ion:149 Resp: 1069737

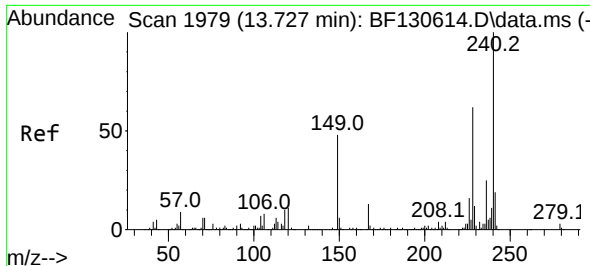
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.9 4.2 6.2

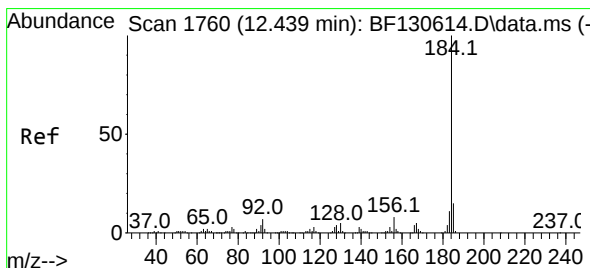
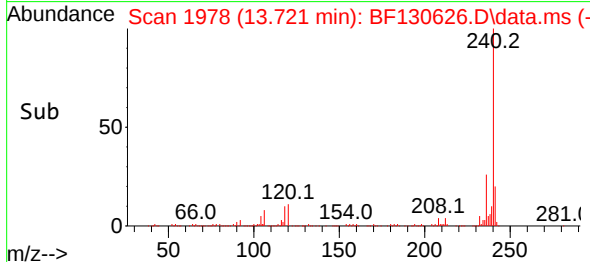
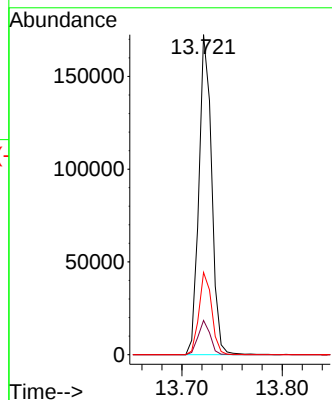
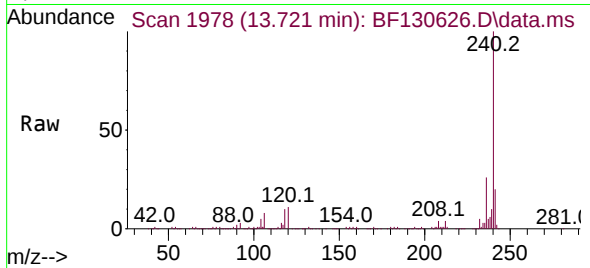




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BF130626.D
Acq: 12 Oct 2022 13:07

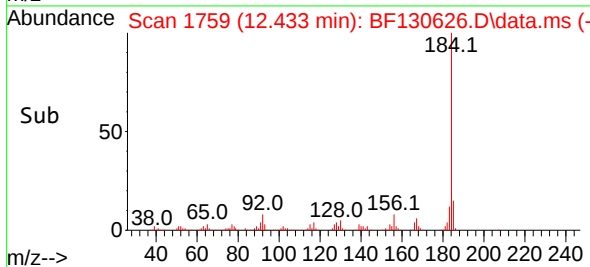
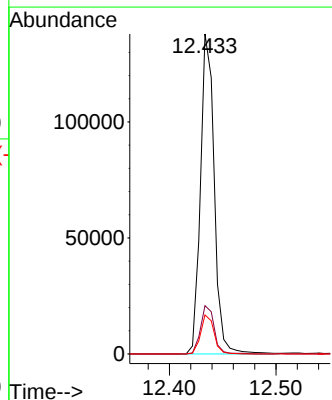
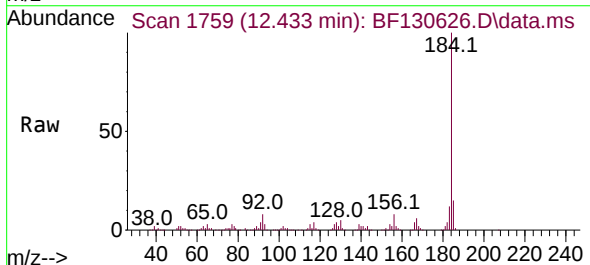
Instrument :
BNA_F
ClientSampleId :
596C-1RE

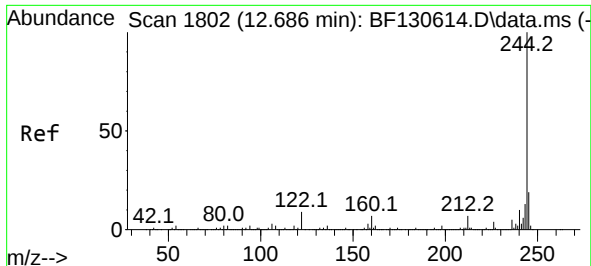
Tgt Ion:240 Resp: 152512
Ion Ratio Lower Upper
240 100
120 10.7 8.6 13.0
236 25.7 20.2 30.4



#77
Benzidine
Concen: 32.370 ng
RT: 12.433 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BF130626.D
Acq: 12 Oct 2022 13:07

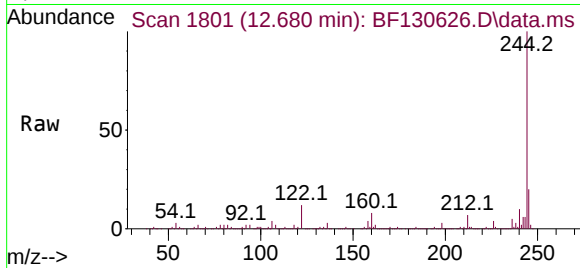
Tgt Ion:184 Resp: 124784
Ion Ratio Lower Upper
184 100
185 15.1 12.0 18.0
183 12.2 9.0 13.4



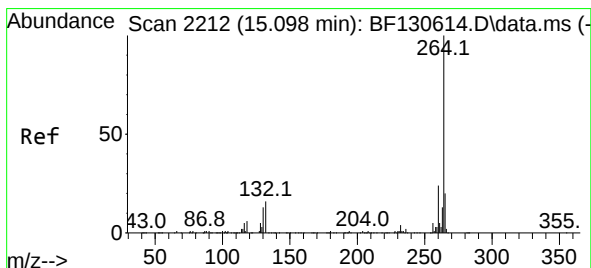
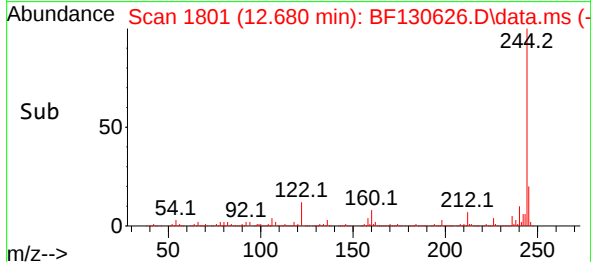
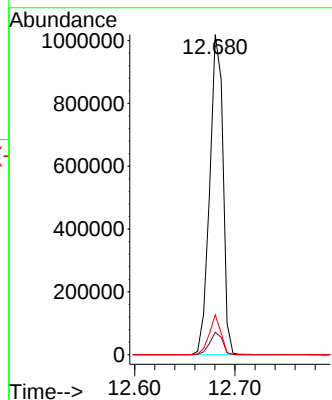


#79
 Terphenyl-d14
 Concen: 101.587 ng
 RT: 12.680 min Scan# 1801
 Delta R.T. -0.006 min
 Lab File: BF130626.D
 Acq: 12 Oct 2022 13:07

Instrument :
 BNA_F
 ClientSampleId :
 596C-1RE



Tgt Ion:244 Resp: 933484
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.5 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: BF130626.D
 Acq: 12 Oct 2022 13:07

Tgt Ion:264 Resp: 148899
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.5 16.4 24.6

