

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
 Data File : BF130650.D
 Acq On : 13 Oct 2022 16:49
 Operator : CG\JU
 Sample : N5128-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 265751-4

Quant Time: Oct 14 06:01:18 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)

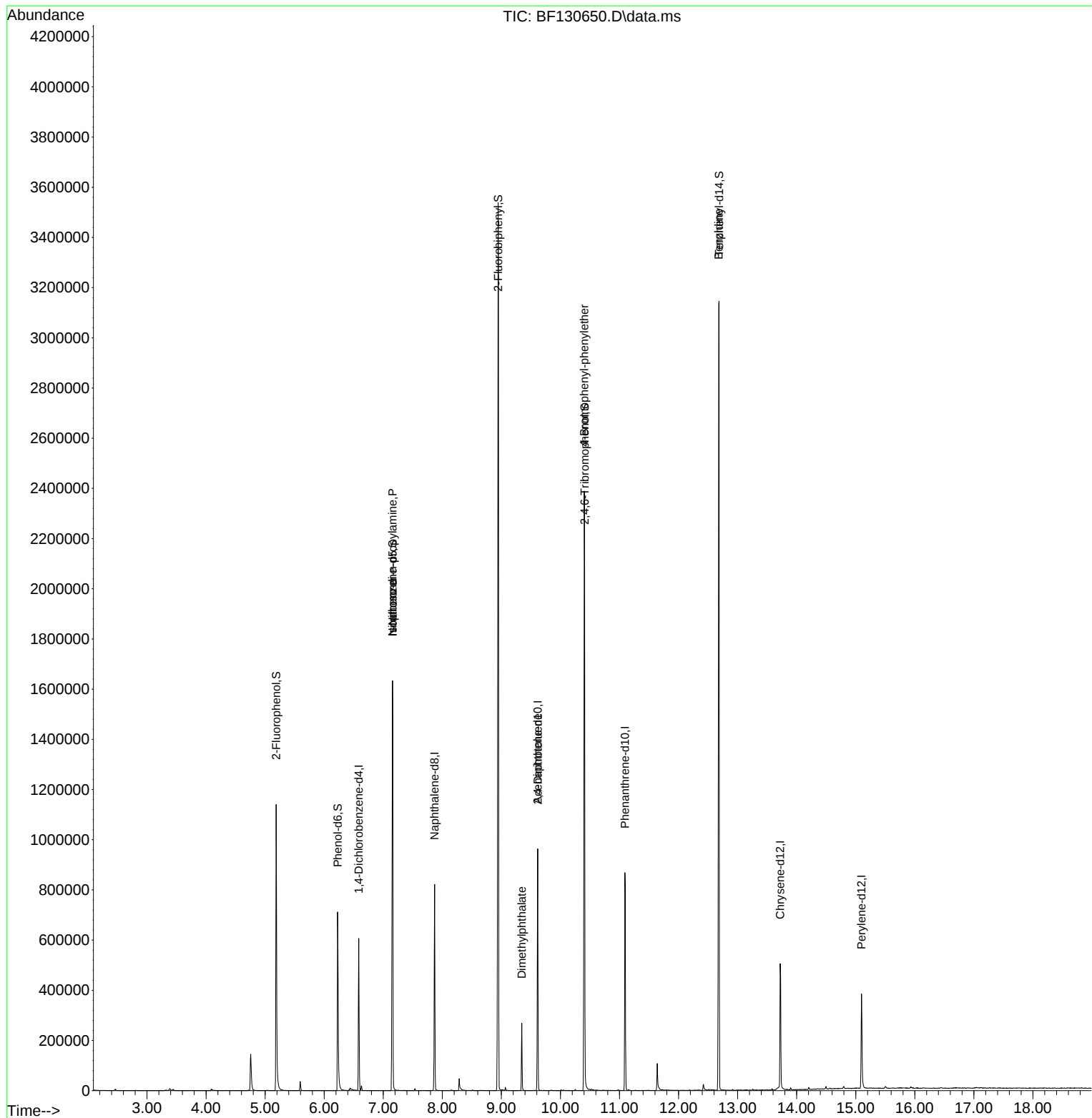
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.586	152	86497	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	340038	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	184866	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	322133	20.000	ng	0.00
76) Chrysene-d12	13.721	240	172939	20.000	ng	0.00
86) Perylene-d12	15.098	264	154551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	327547	68.259	ng	0.00
7) Phenol-d6	6.228	99	241563	40.039	ng	-0.01
23) Nitrobenzene-d5	7.157	82	606902	97.434	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	329119	181.944	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	1225544	100.418	ng	0.00
79) Terphenyl-d14	12.686	244	1186874	113.907	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.157	70	81957	21.055	ng	# 77
25) Isophorone	7.157	82	606896	58.541	ng	# 64
50) Dimethylphthalate	9.345	163	96013	7.503	ng	97
57) 2,4-Dinitrotoluene	9.616	165	23636	6.552	ng	# 14
67) 4-Bromophenyl-phenylether	10.404	248	20412	5.600	ng	# 1
77) Benzidine	12.680	184	15847	3.625	ng	# 90

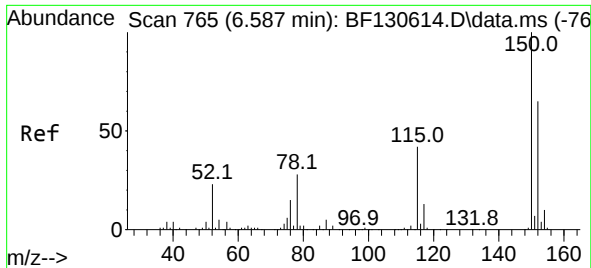
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

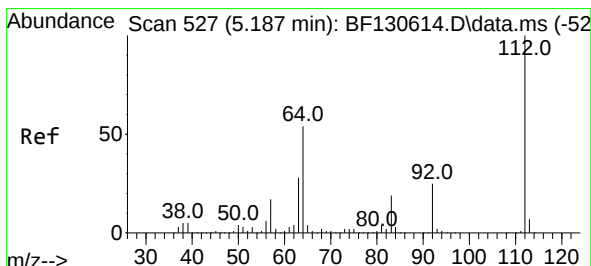
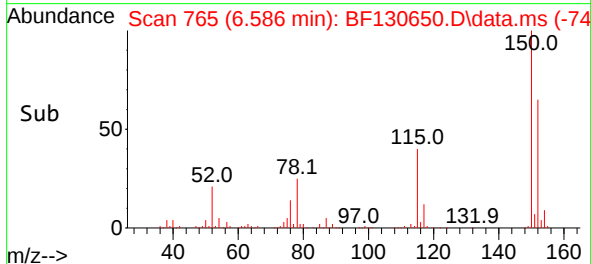
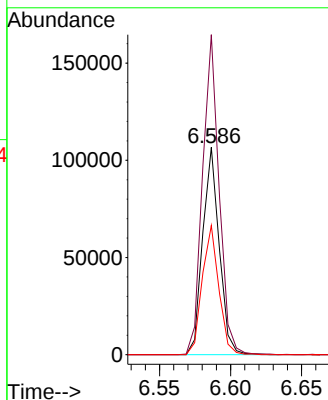
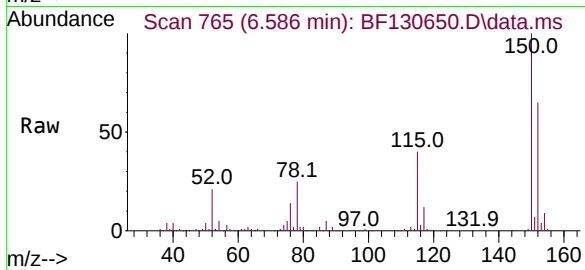




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.001 min
Lab File: BF130650.D
Acq: 13 Oct 2022 16:49

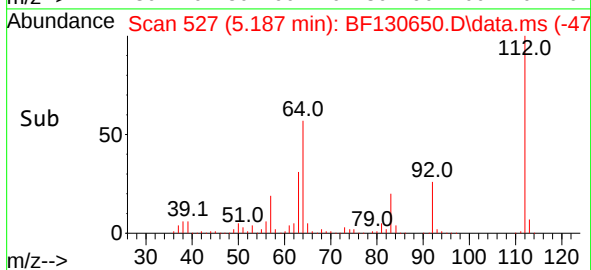
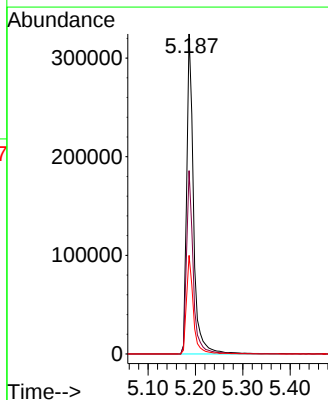
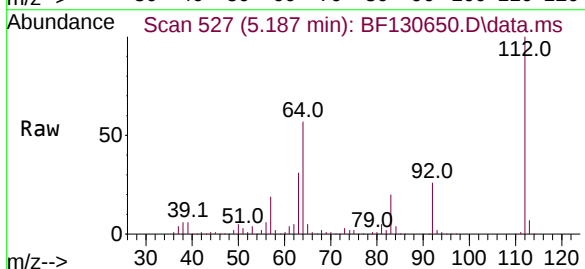
Instrument :
BNA_F
ClientSampleId :
265751-4

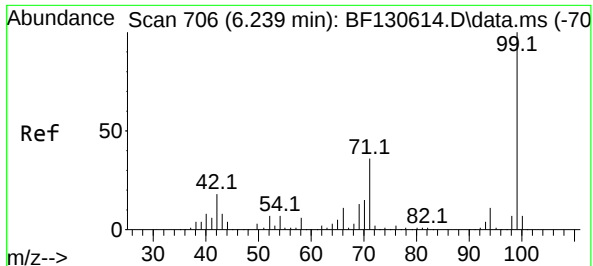
Tgt Ion:152 Resp: 86497
Ion Ratio Lower Upper
152 100
150 154.3 123.8 185.6
115 62.3 52.2 78.4



#5
2-Fluorophenol
Concen: 68.259 ng
RT: 5.187 min Scan# 527
Delta R.T. -0.000 min
Lab File: BF130650.D
Acq: 13 Oct 2022 16:49

Tgt Ion:112 Resp: 327547
Ion Ratio Lower Upper
112 100
64 57.3 43.5 65.3
63 30.8 22.6 34.0

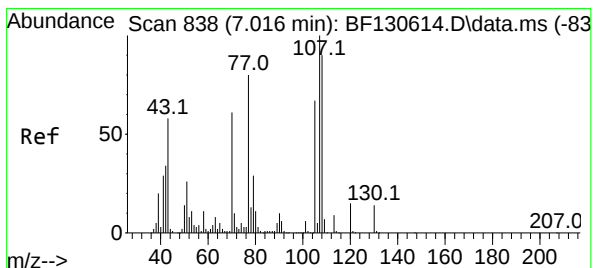
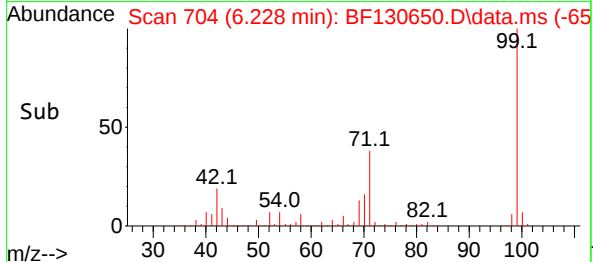
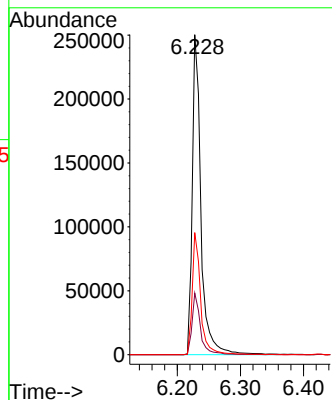
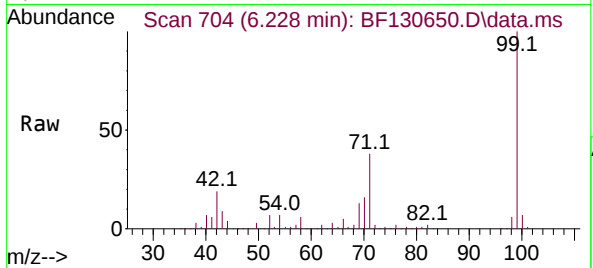




#7
Phenol-d6
Concen: 40.039 ng
RT: 6.228 min Scan# 706
Delta R.T. -0.012 min
Lab File: BF130650.D
Acq: 13 Oct 2022 16:49

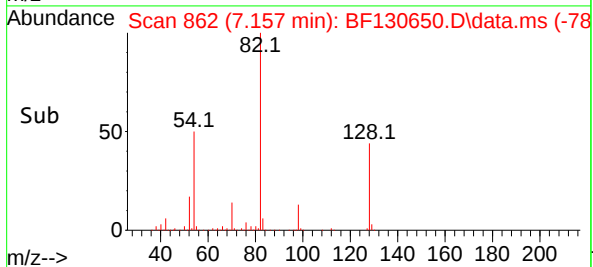
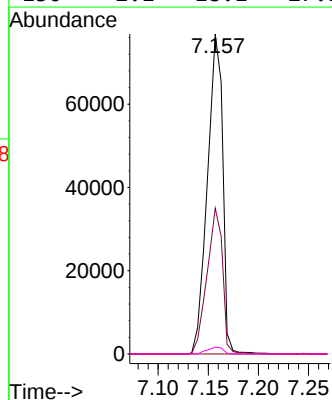
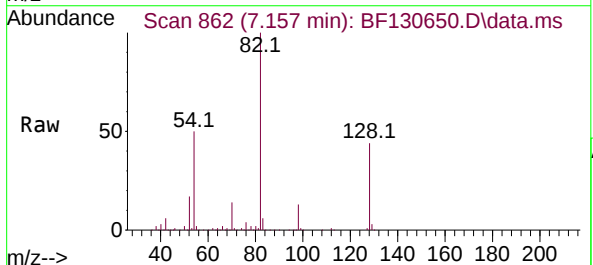
Instrument :
BNA_F
ClientSampleId :
265751-4

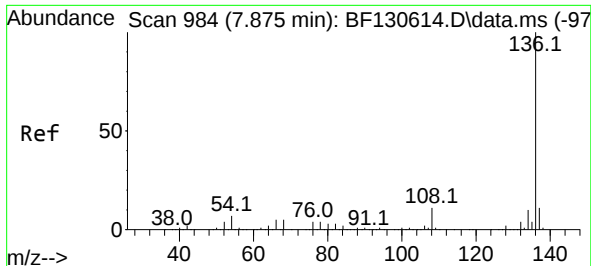
Tgt Ion: 99 Resp: 241563
Ion Ratio Lower Upper
99 100
42 19.2 14.0 21.0
71 38.1 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 21.055 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130650.D
Acq: 13 Oct 2022 16:49

Tgt Ion: 70 Resp: 81957
Ion Ratio Lower Upper
70 100
42 45.5 44.3 66.5
101 0.0 7.9 11.9#
130 2.1 18.1 27.1#

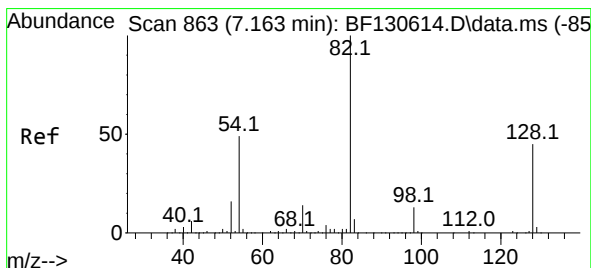
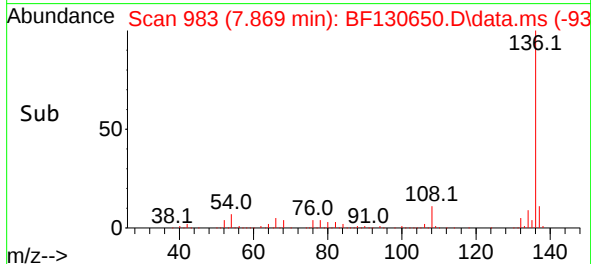
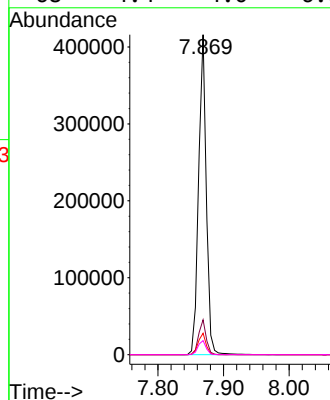
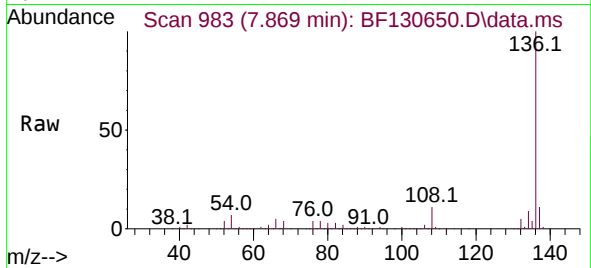




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130650.D
Acq: 13 Oct 2022 16:49

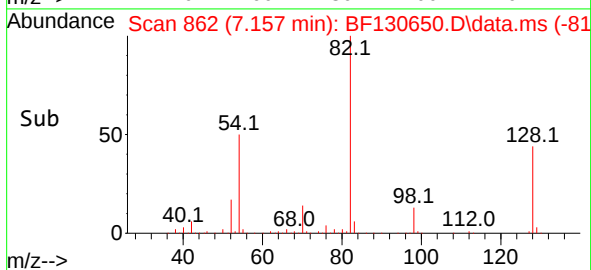
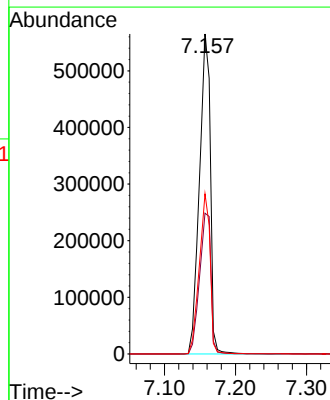
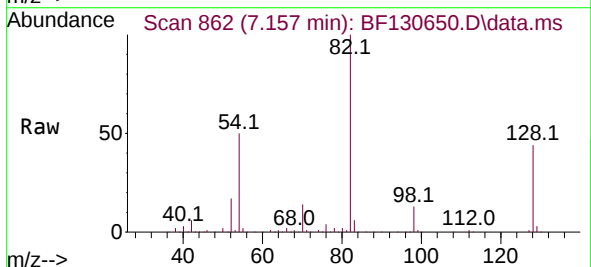
Instrument :
BNA_F
ClientSampleId :
265751-4

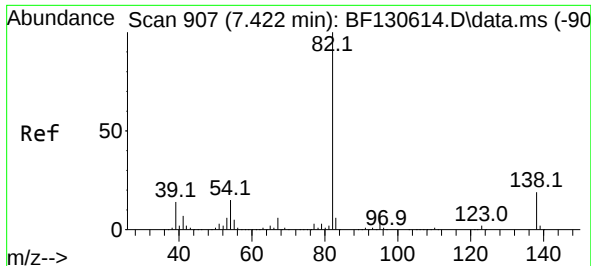
Tgt Ion:136 Resp: 340038
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.7 5.5 8.3
68 4.4 4.0 6.0



#23
Nitrobenzene-d5
Concen: 97.434 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130650.D
Acq: 13 Oct 2022 16:49

Tgt Ion: 82 Resp: 606902
Ion Ratio Lower Upper
82 100
128 44.0 35.8 53.6
54 50.0 39.3 58.9

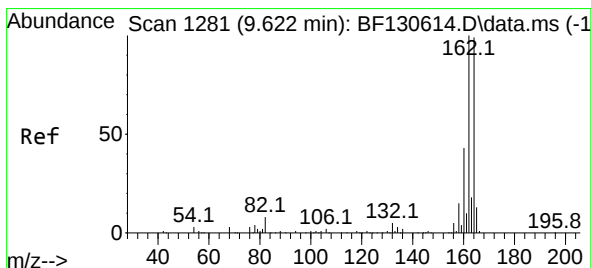
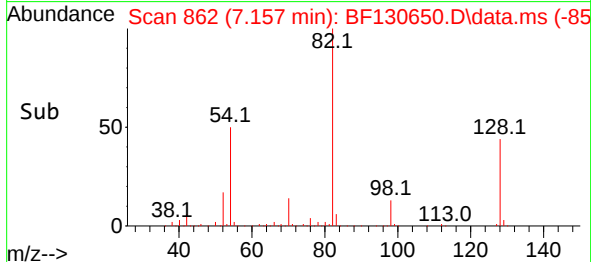
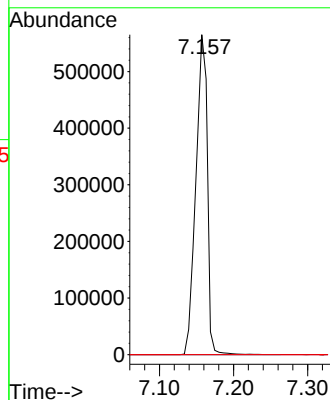
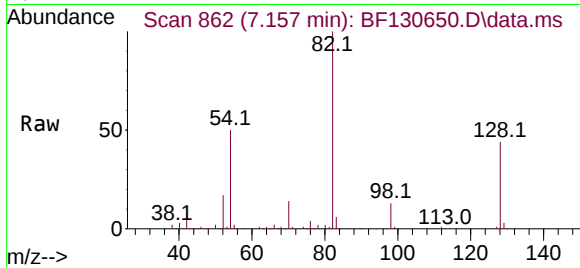




#25
Isophorone
Concen: 58.541 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130650.D
Acq: 13 Oct 2022 16:49

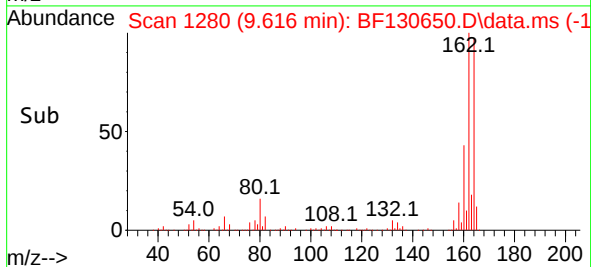
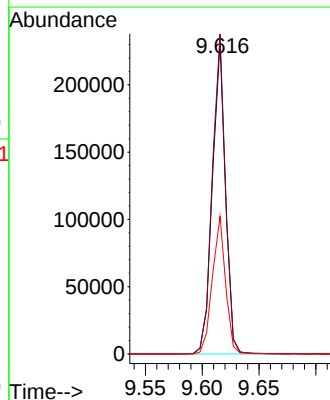
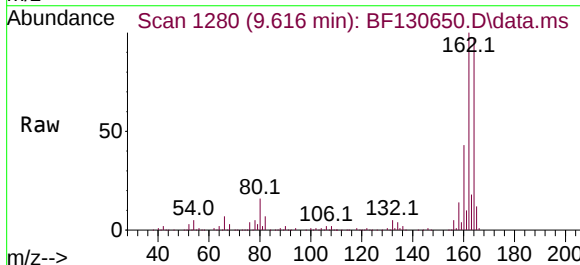
Instrument :
BNA_F
ClientSampleId :
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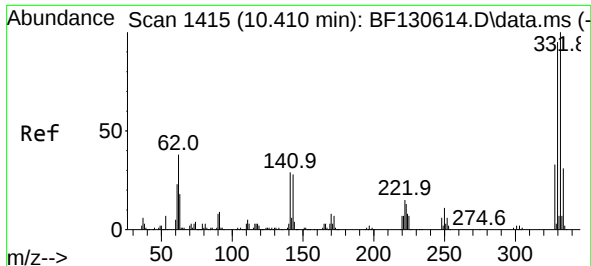
Tgt Ion: 82 Resp: 606896
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130650.D
Acq: 13 Oct 2022 16:49

Tgt Ion:164 Resp: 184866
Ion Ratio Lower Upper
164 100
162 102.7 81.0 121.4
160 44.2 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 181.944 ng

RT: 10.410 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF130650.D

Acq: 13 Oct 2022 16:49

Instrument :

BNA_F

ClientSampleId :

265751-4

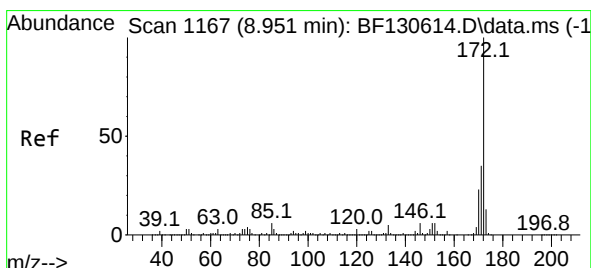
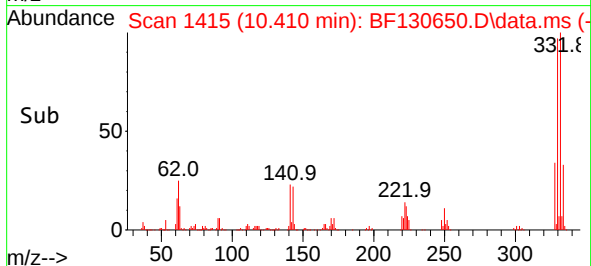
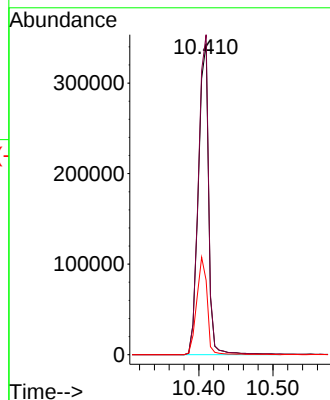
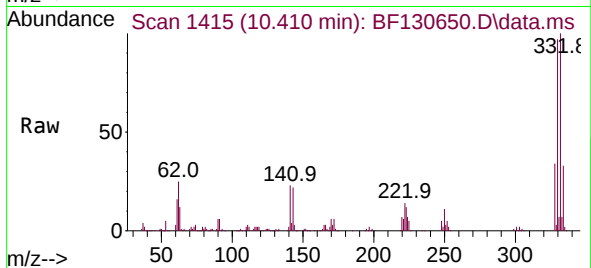
Tgt Ion:330 Resp: 329119

Ion Ratio Lower Upper

330 100

332 102.4 84.2 126.4

141 31.9 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 100.418 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF130650.D

Acq: 13 Oct 2022 16:49

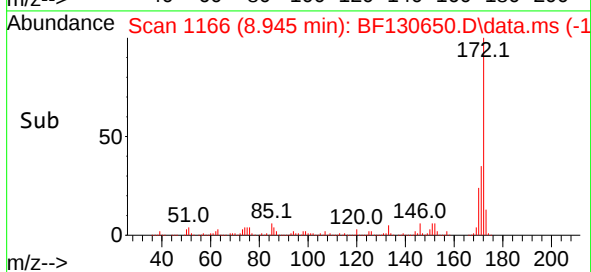
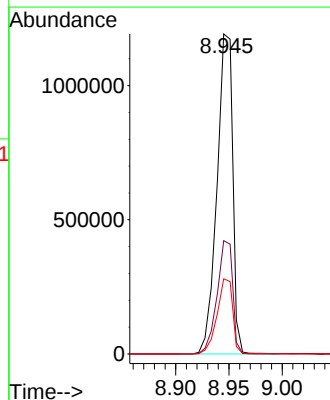
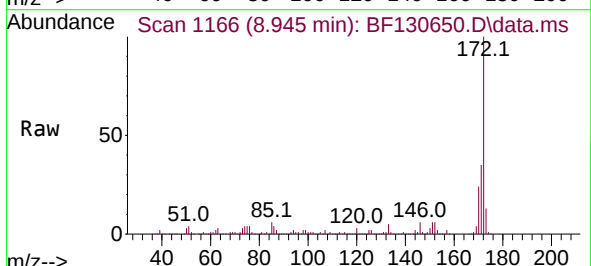
Tgt Ion:172 Resp: 1225544

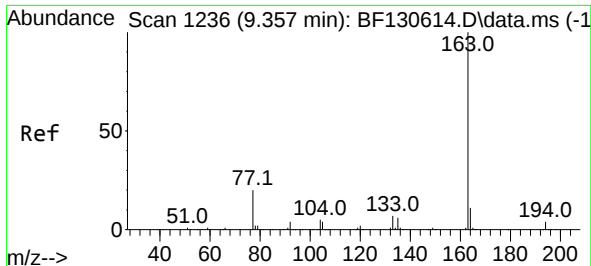
Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.8

170 23.5 18.6 27.8

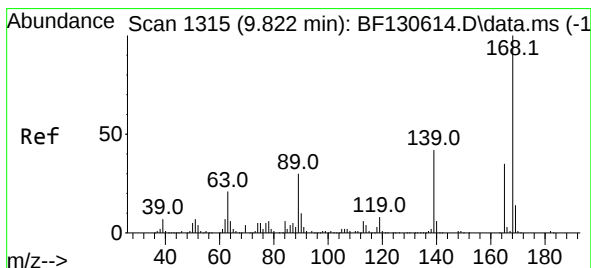
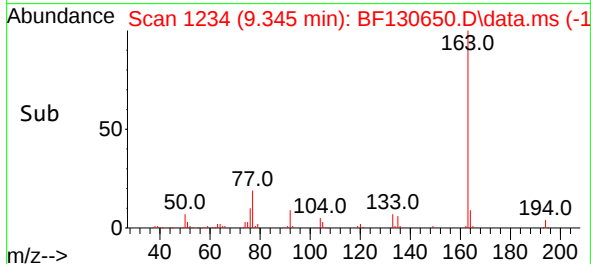
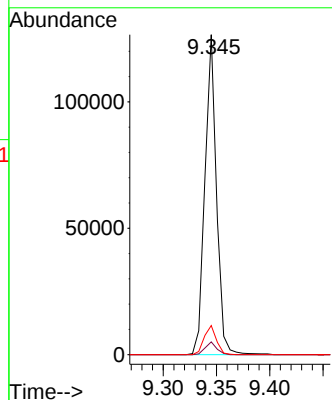
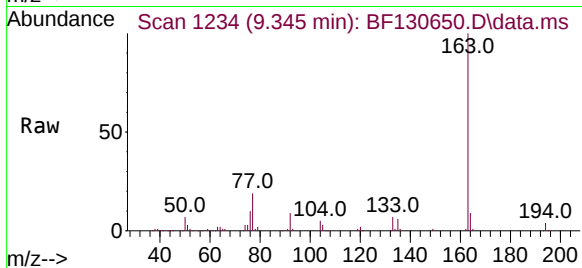




#50
Dimethylphthalate
Concen: 7.503 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130650.D
Acq: 13 Oct 2022 16:49

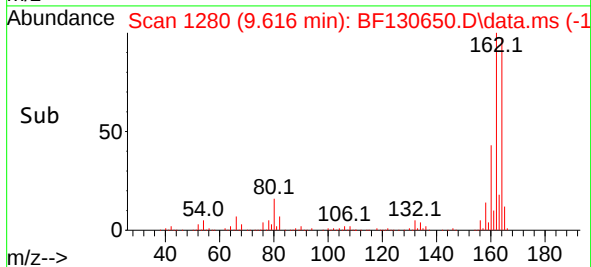
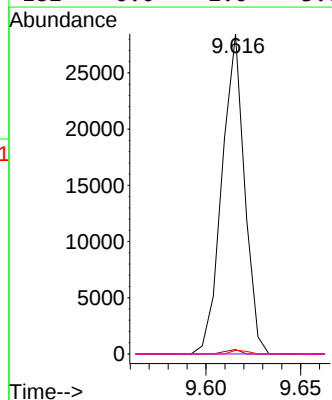
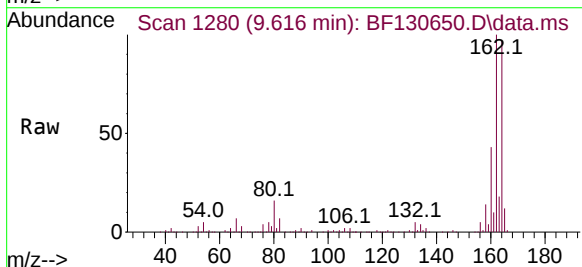
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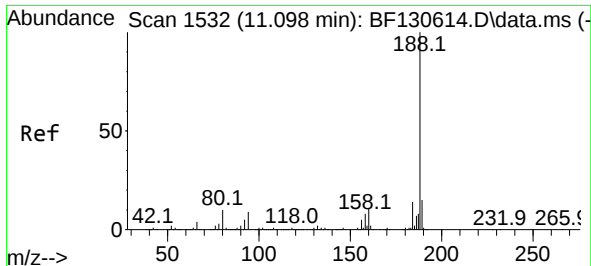
Tgt Ion:163 Resp: 96013
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.1 8.5 12.7



#57
2,4-Dinitrotoluene
Concen: 6.552 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF130650.D
Acq: 13 Oct 2022 16:49

Tgt Ion:165 Resp: 23636
Ion Ratio Lower Upper
165 100
63 1.4 50.6 76.0#
89 1.1 68.6 102.8#
182 0.0 2.0 3.0#

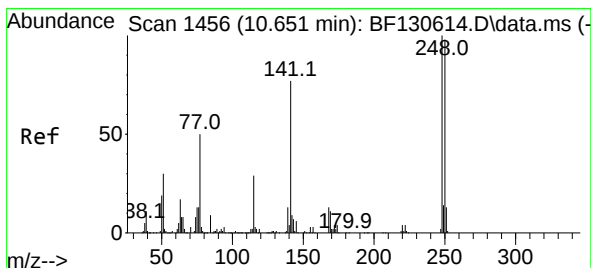
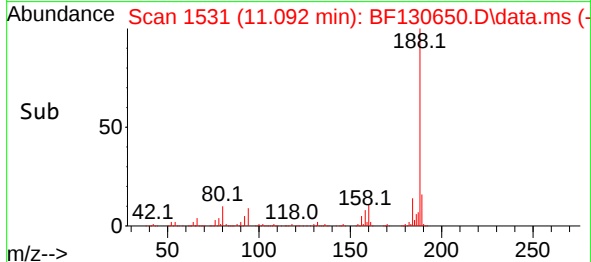
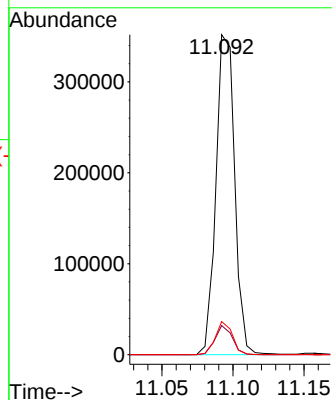
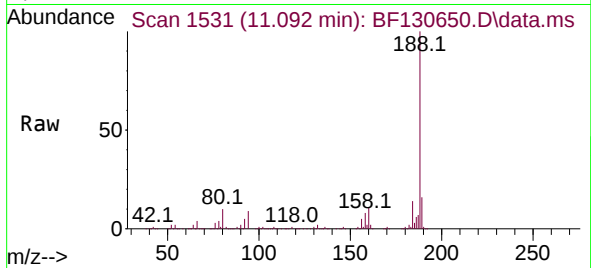




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130650.D
Acq: 13 Oct 2022 16:49

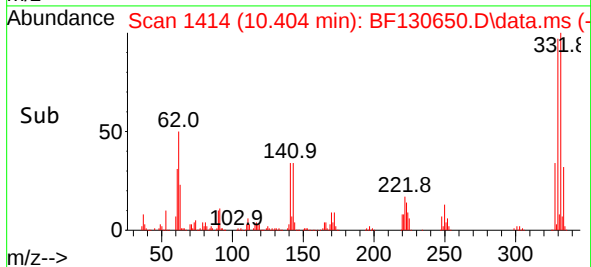
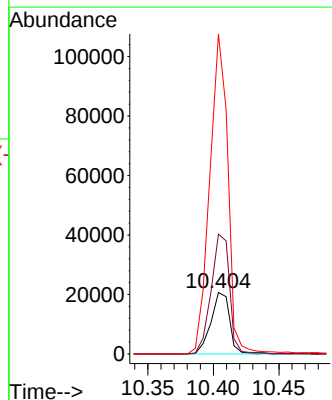
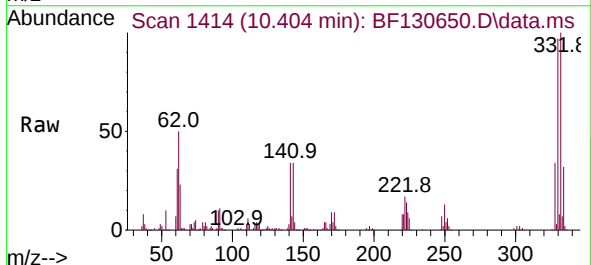
Instrument :
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ClientSampleId :
265751-4

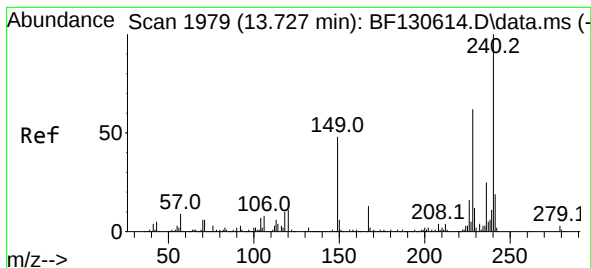
Tgt Ion:188 Resp: 322133
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 10.3 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 5.600 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.247 min
Lab File: BF130650.D
Acq: 13 Oct 2022 16:49

Tgt Ion:248 Resp: 20412
Ion Ratio Lower Upper
248 100
250 195.2 78.7 118.1#
141 521.0 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: BF130650.D

Acq: 13 Oct 2022 16:49

Instrument :

BNA_F

ClientSampleId :

265751-4

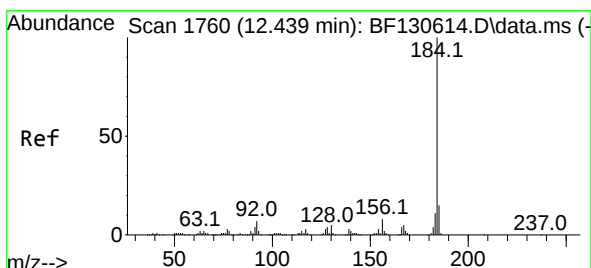
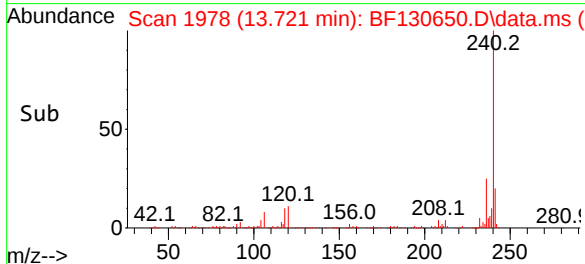
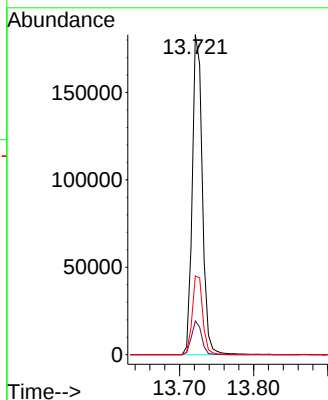
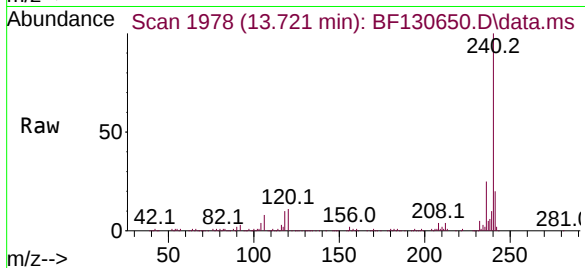
Tgt Ion:240 Resp: 172939

Ion Ratio Lower Upper

240 100

120 10.5 8.6 13.0

236 24.6 20.2 30.4



#77

Benidine

Concen: 3.625 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.241 min

Lab File: BF130650.D

Acq: 13 Oct 2022 16:49

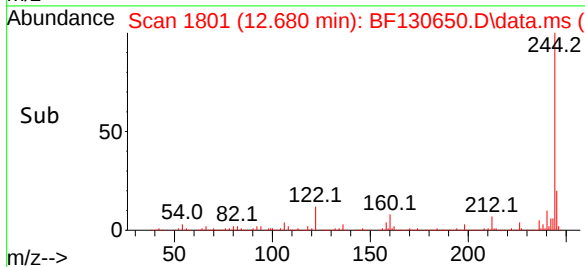
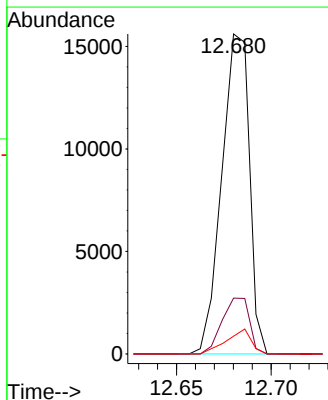
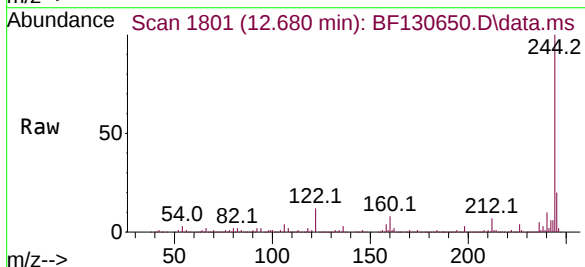
Tgt Ion:184 Resp: 15847

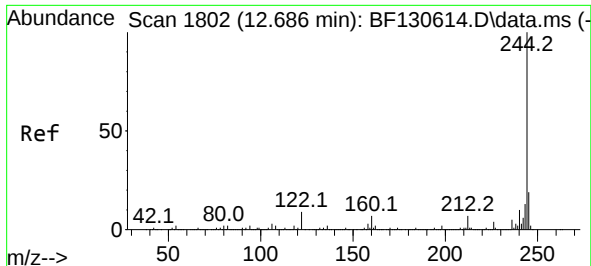
Ion Ratio Lower Upper

184 100

185 17.4 12.0 18.0

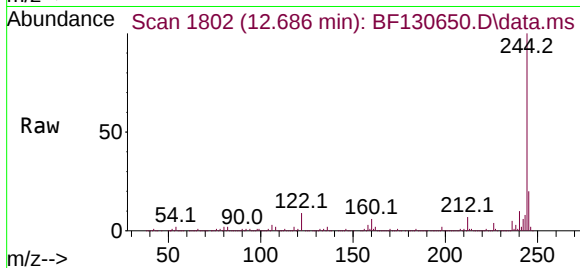
183 5.6 9.0 13.4#





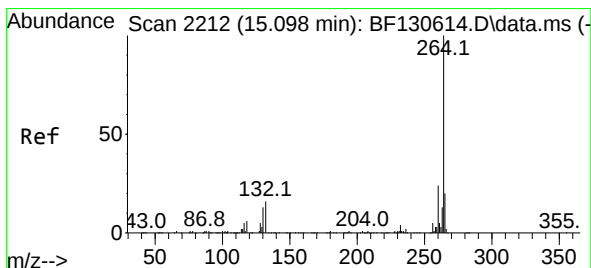
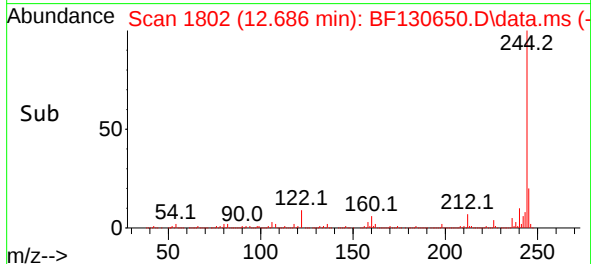
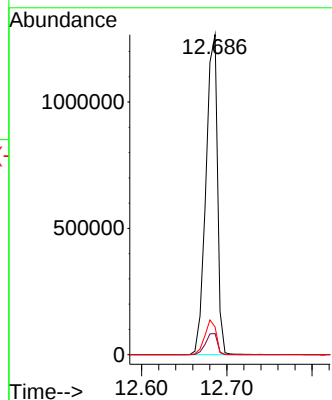
#79
 Terphenyl-d14
 Concen: 113.907 ng
 RT: 12.686 min Scan# 1802
 Delta R.T. -0.000 min
 Lab File: BF130650.D
 Acq: 13 Oct 2022 16:49

Instrument :
 BNA_F
 ClientSampleId :
 265751-4



Tgt Ion:244 Resp: 1186874

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.7	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: BF130650.D
 Acq: 13 Oct 2022 16:49

Tgt Ion:264 Resp: 154551

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.5	16.4	24.6

