

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101122\
 Data File : BF130620.D
 Acq On : 11 Oct 2022 16:05
 Operator : CG\JU
 Sample : PB148254TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148254TB

Quant Time: Oct 12 07:17:39 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)

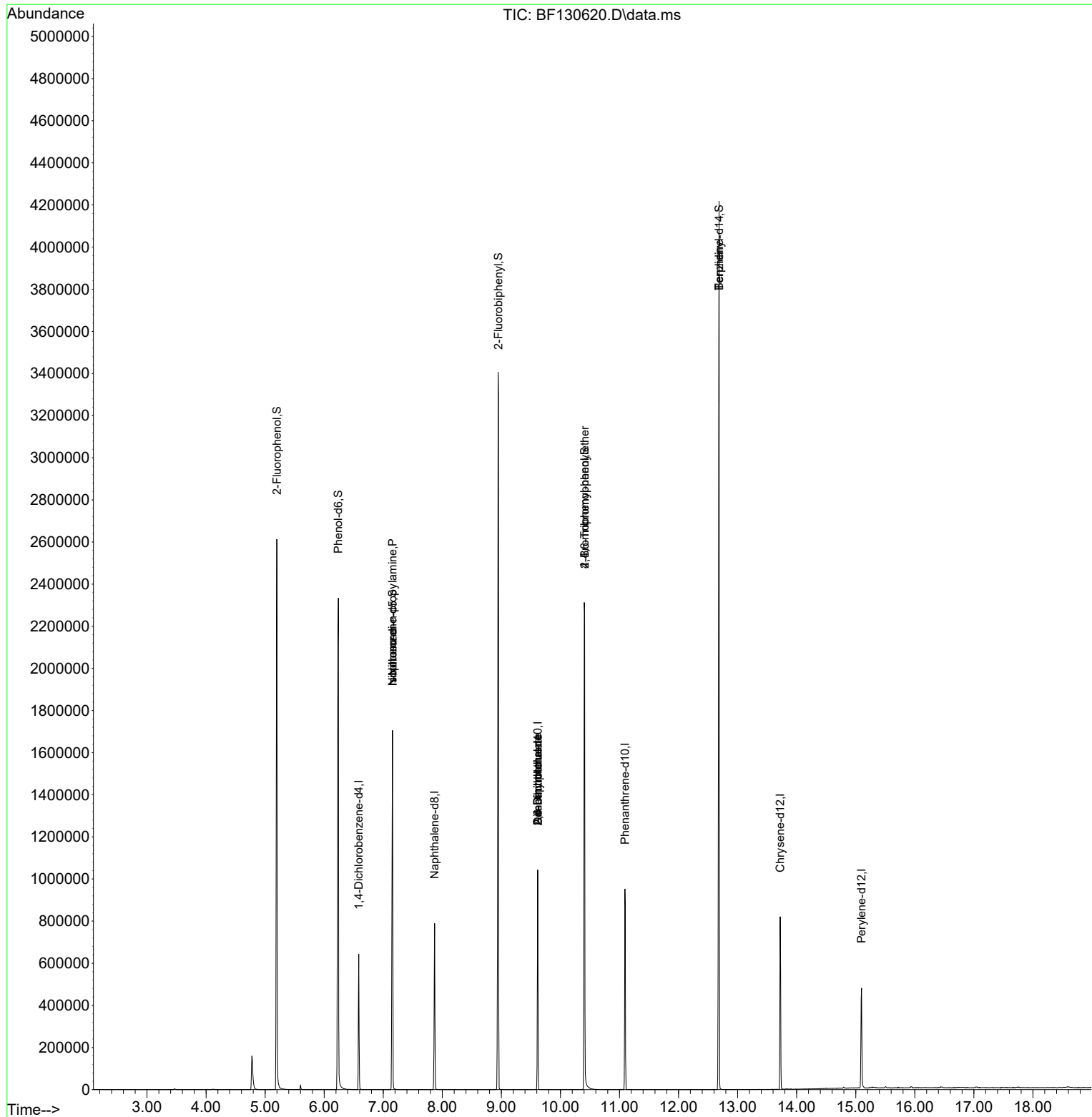
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	86141	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	348957	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	192921	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	348554	20.000	ng	0.00
76) Chrysene-d12	13.721	240	258725	20.000	ng	0.00
86) Perylene-d12	15.098	264	195982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.198	112	747448	156.407	ng	0.01
7) Phenol-d6	6.239	99	928677	154.564	ng	0.00
23) Nitrobenzene-d5	7.157	82	585552	91.603	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	313758	166.210	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1189163	93.369	ng	0.00
79) Terphenyl-d14	12.686	244	1438729	92.295	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.157	70	79193	20.429	ng	# 76
25) Isophorone	7.157	82	585546	55.038	ng	# 64
50) Dimethylphthalate	9.616	163	36497	2.733	ng	# 1
51) 2,6-Dinitrotoluene	9.616	165	25039	8.547	ng	# 24
57) 2,4-Dinitrotoluene	9.616	165	25039	6.651	ng	# 14
67) 4-Bromophenyl-phenylether	10.410	248	18673	4.735	ng	# 1
77) Benzidine	12.686	184	19642	3.004	ng	# 91

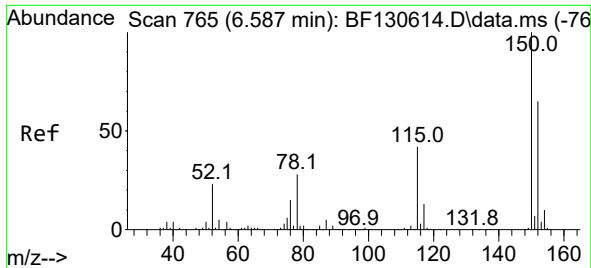
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101122\
Data File : BF130620.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 12 07:17:39 2022
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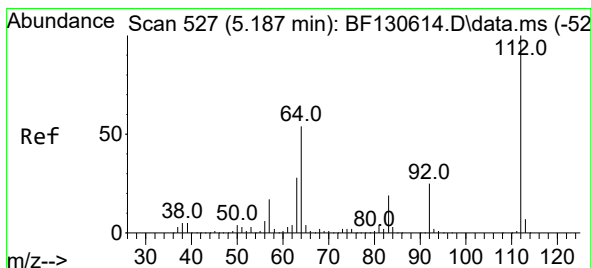
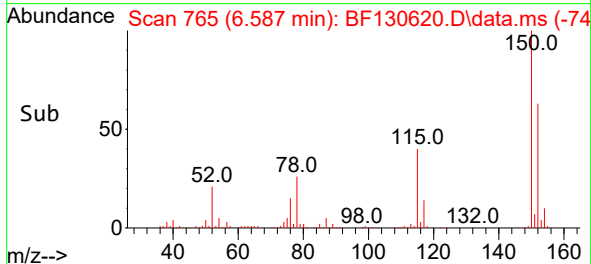
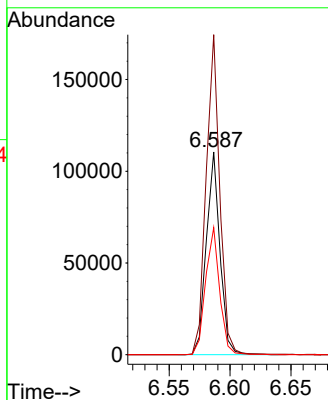
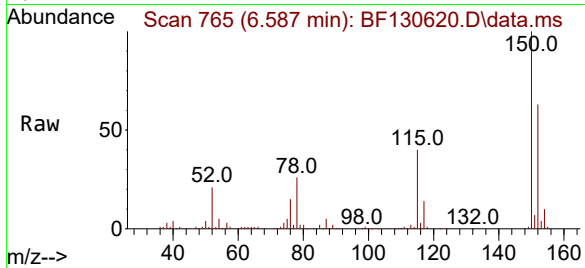




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

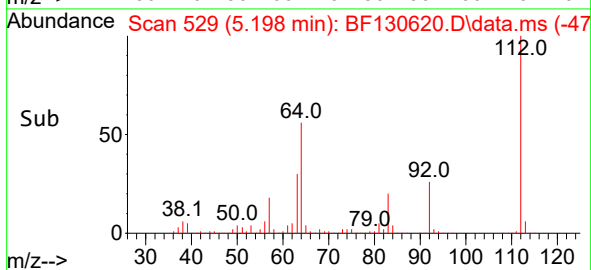
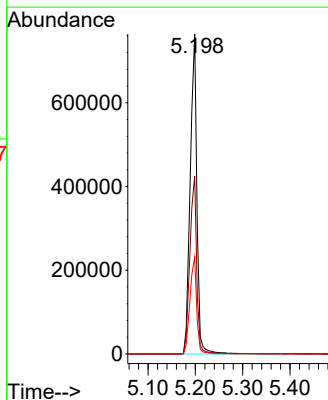
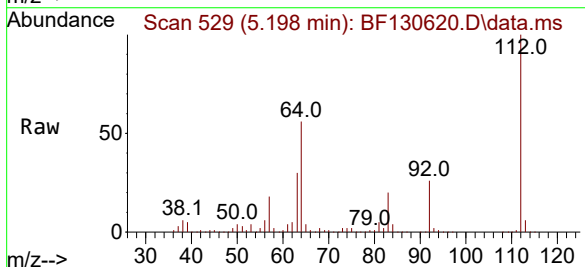
Instrument :
BNA_F
ClientSampleId :
PB148254TB

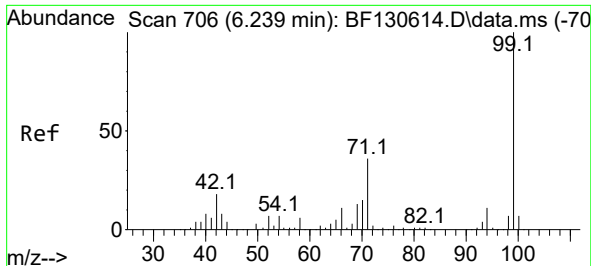
Tgt Ion:152 Resp: 86141
Ion Ratio Lower Upper
152 100
150 157.9 123.8 185.6
115 62.7 52.2 78.4



#5
2-Fluorophenol
Concen: 156.407 ng
RT: 5.198 min Scan# 529
Delta R.T. 0.012 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

Tgt Ion:112 Resp: 747448
Ion Ratio Lower Upper
112 100
64 55.5 43.5 65.3
63 30.2 22.6 34.0

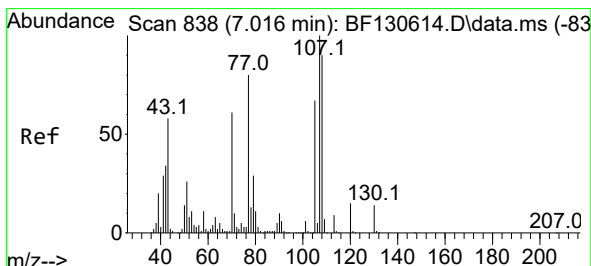
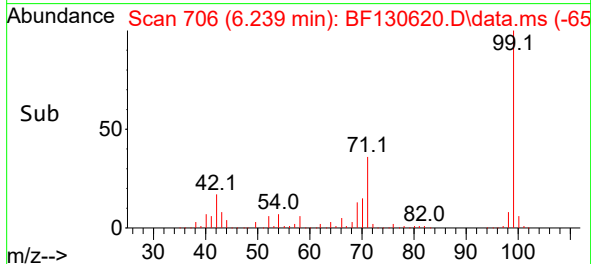
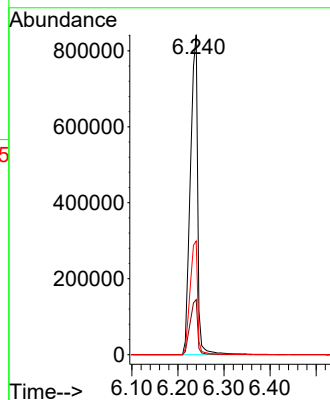
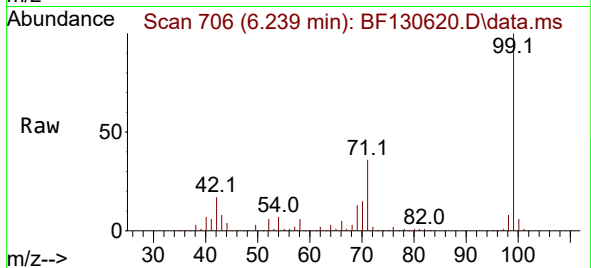




#7
Phenol-d6
Concen: 154.564 ng
RT: 6.239 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

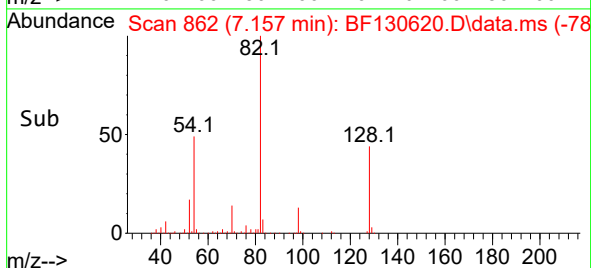
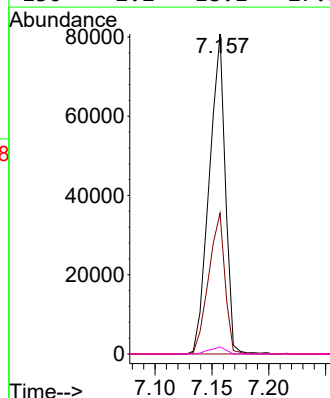
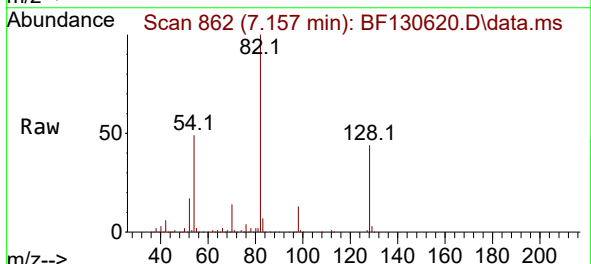
Instrument :
BNA_F
ClientSampleId :
PB148254TB

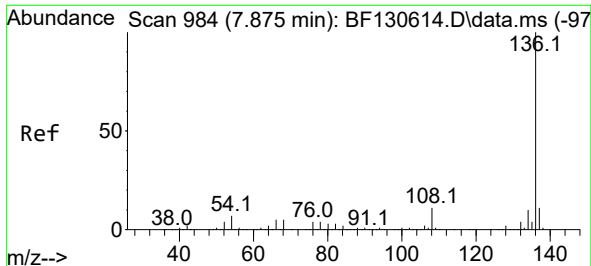
Tgt Ion: 99 Resp: 928677
Ion Ratio Lower Upper
99 100
42 17.2 14.0 21.0
71 35.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.429 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.141 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

Tgt Ion: 70 Resp: 79193
Ion Ratio Lower Upper
70 100
42 44.0 44.3 66.5#
101 0.0 7.9 11.9#
130 2.2 18.1 27.1#

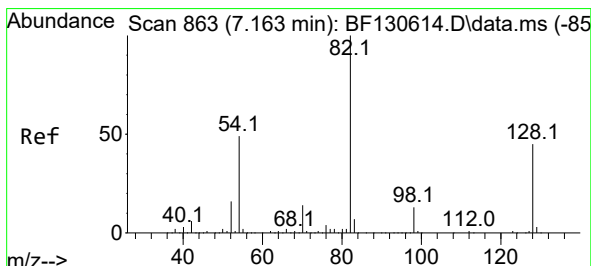
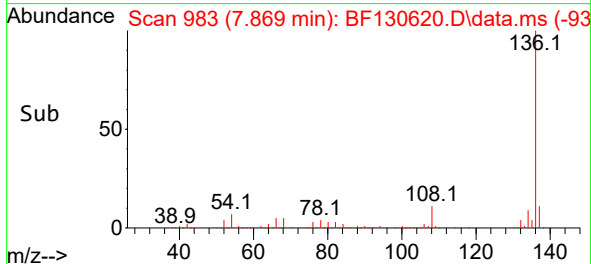
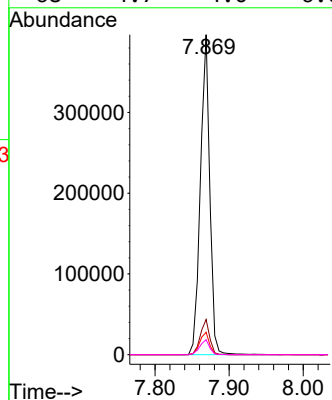
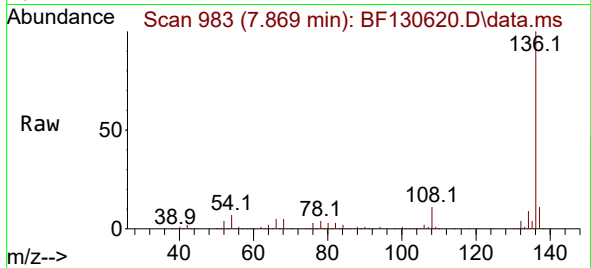




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

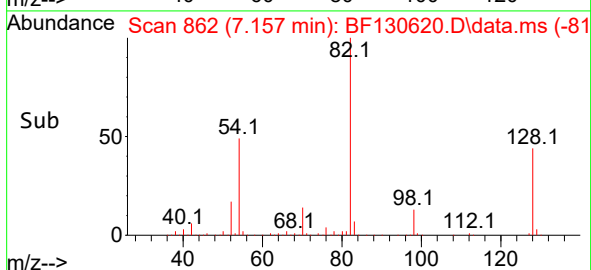
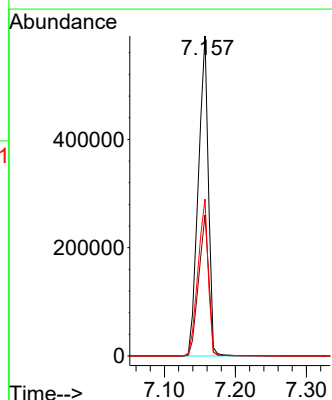
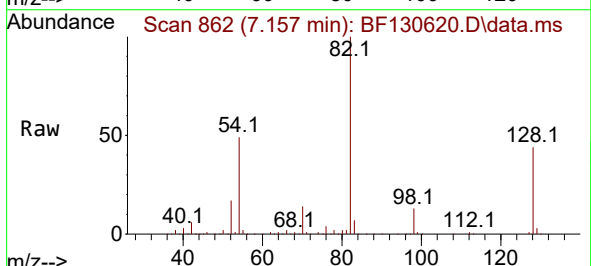
Instrument :
BNA_F
ClientSampleId :
PB148254TB

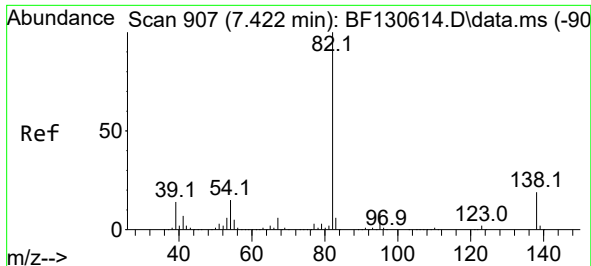
Tgt Ion:136 Resp: 348957
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.0 5.5 8.3
68 4.7 4.0 6.0



#23
Nitrobenzene-d5
Concen: 91.603 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

Tgt Ion: 82 Resp: 585552
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.6
54 49.0 39.3 58.9

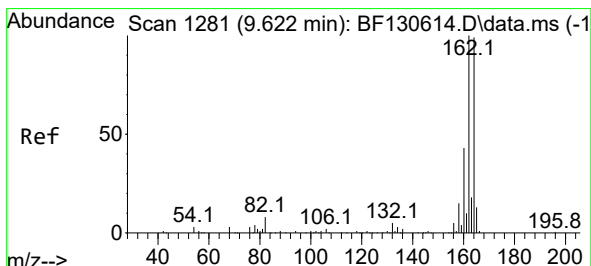
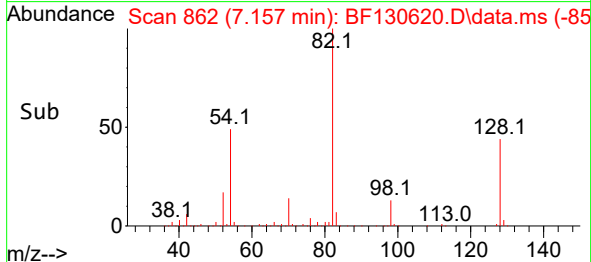
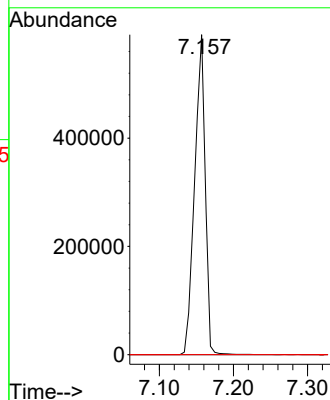
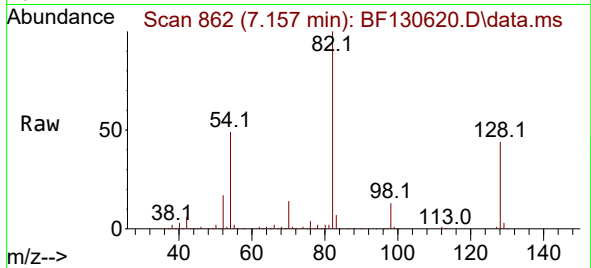




#25
Isophorone
Concen: 55.038 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

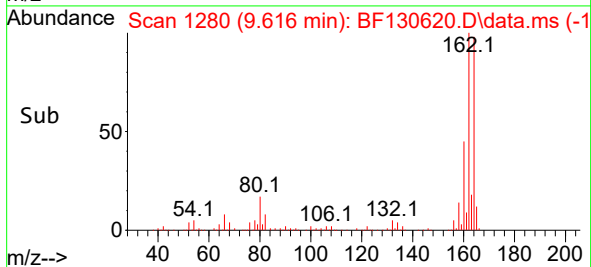
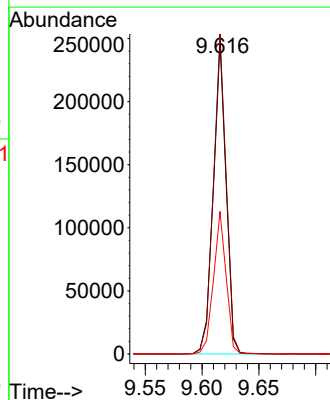
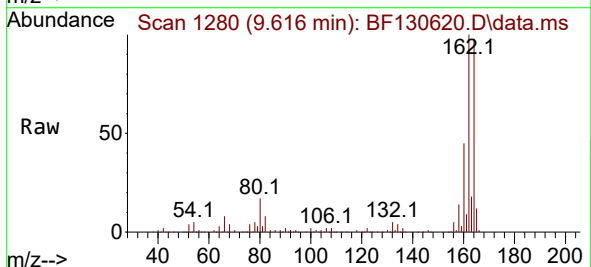
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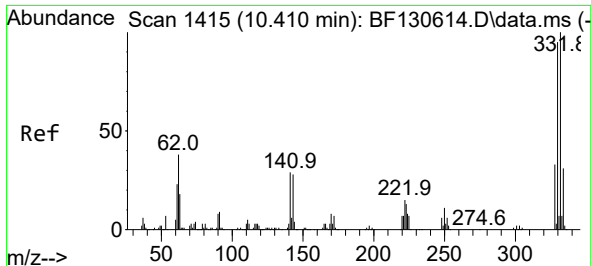
Tgt Ion: 82 Resp: 585546
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

Tgt Ion:164 Resp: 192921
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.4
160 45.7 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 166.210 ng

RT: 10.410 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF130620.D

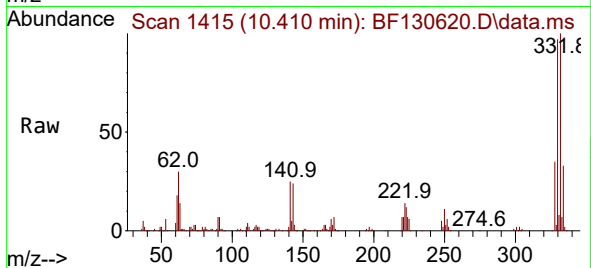
Acq: 11 Oct 2022 16:05

Instrument :

BNA_F

ClientSampleId :

PB148254TB



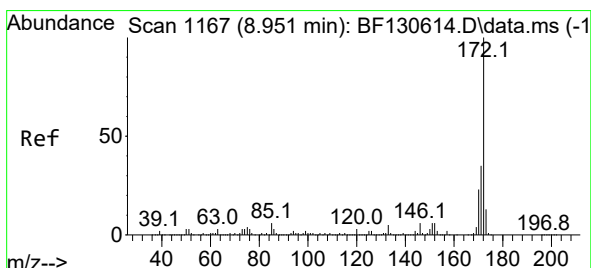
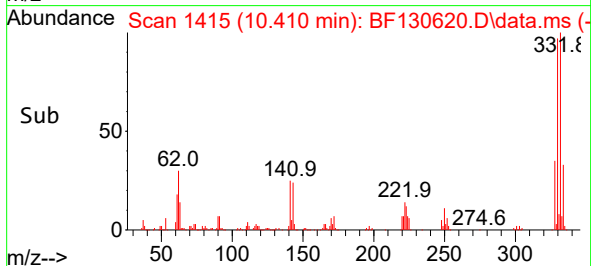
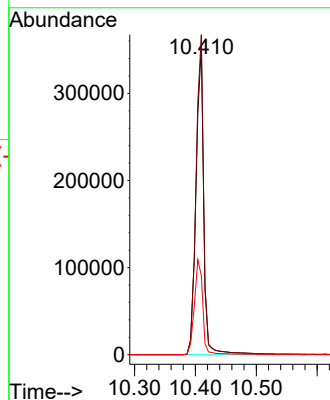
Tgt Ion:330 Resp: 313758

Ion Ratio Lower Upper

330 100

332 103.8 84.2 126.4

141 33.5 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 93.369 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF130620.D

Acq: 11 Oct 2022 16:05

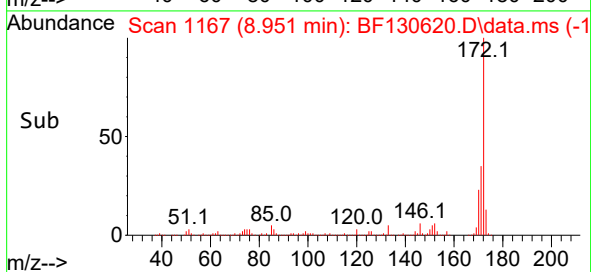
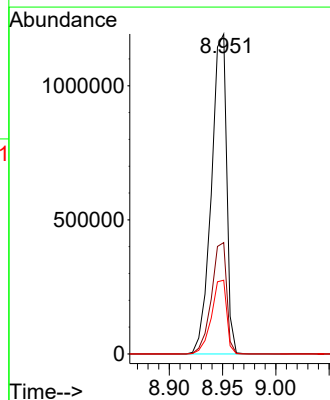
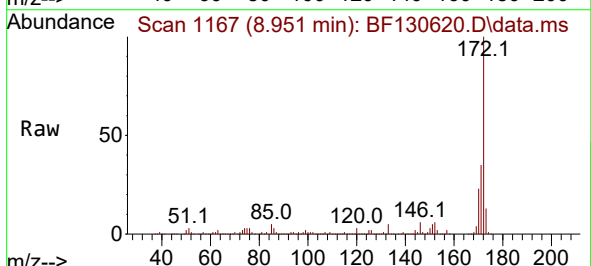
Tgt Ion:172 Resp: 1189163

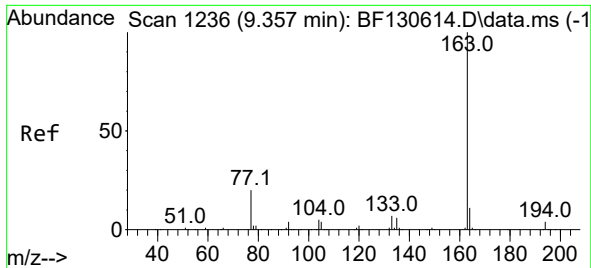
Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

170 23.0 18.6 27.8

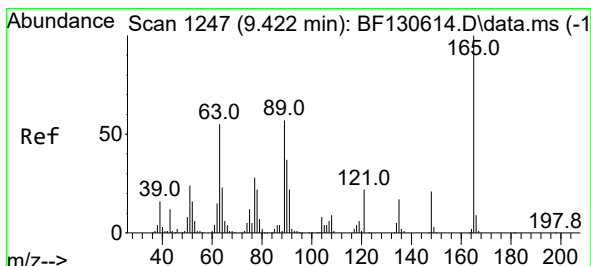
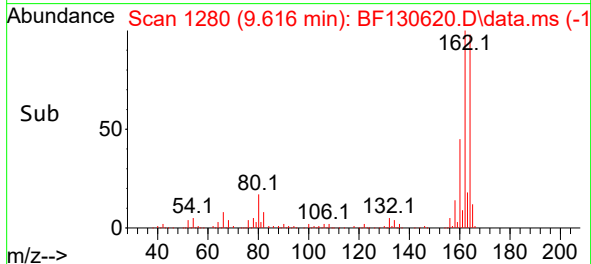
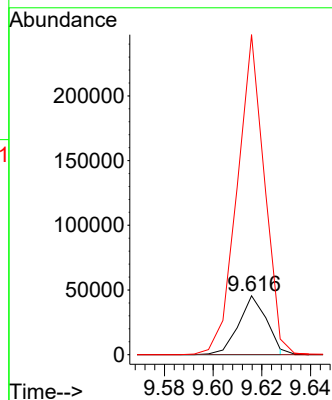
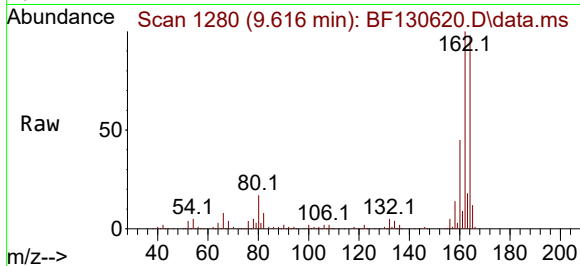




#50
Dimethylphthalate
Concen: 2.733 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.259 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

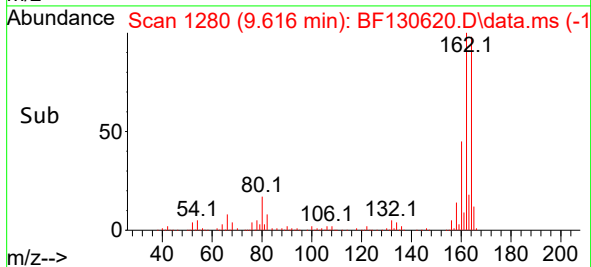
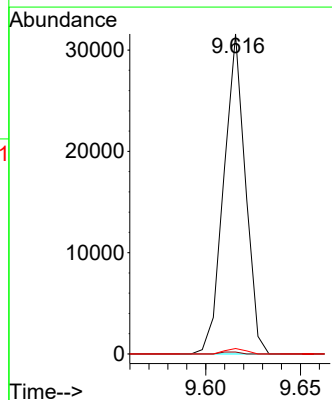
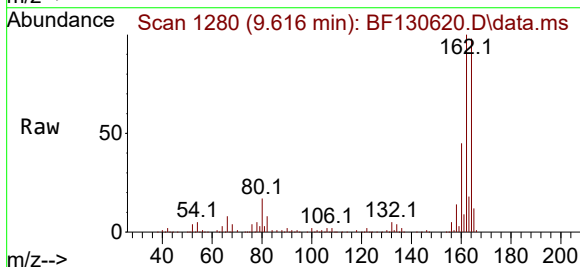
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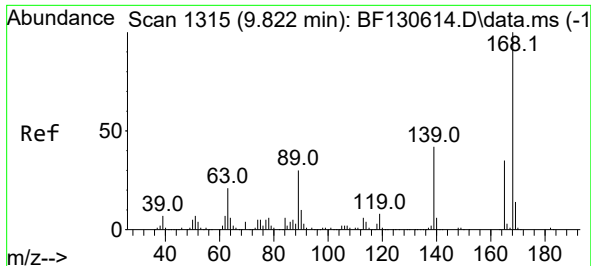
Tgt Ion:163 Resp: 36497
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 543.7 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.547 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.194 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

Tgt Ion:165 Resp: 25039
Ion Ratio Lower Upper
165 100
63 0.6 45.3 67.9#
89 1.7 45.6 68.4#

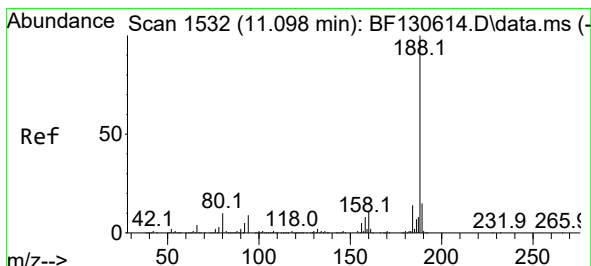
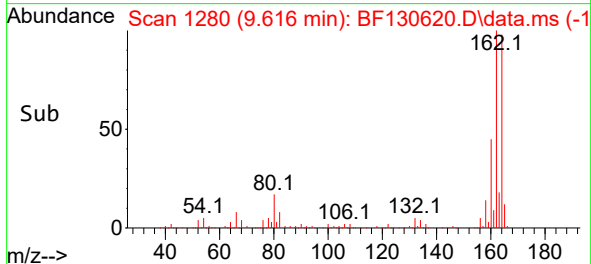
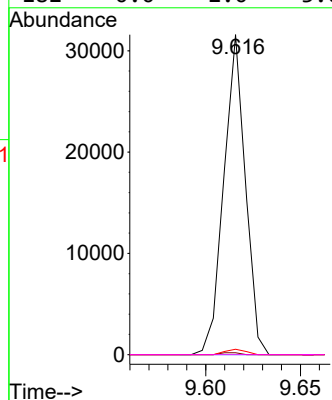
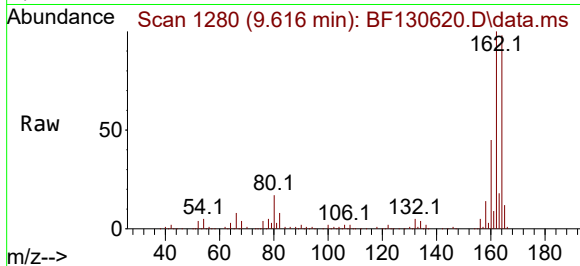




#57
2,4-Dinitrotoluene
Concen: 6.651 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

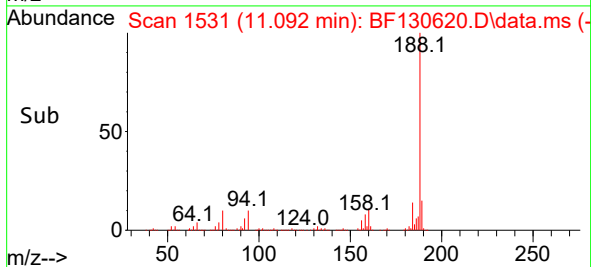
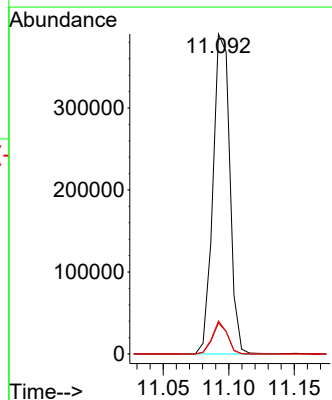
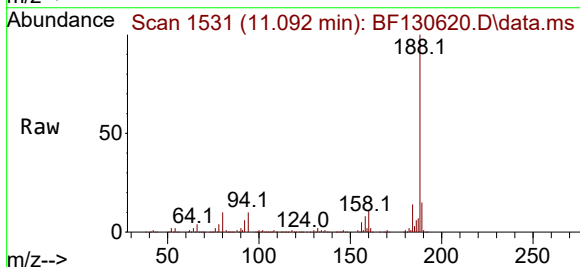
Instrument :
BNA_F
ClientSampleId :
PB148254TB

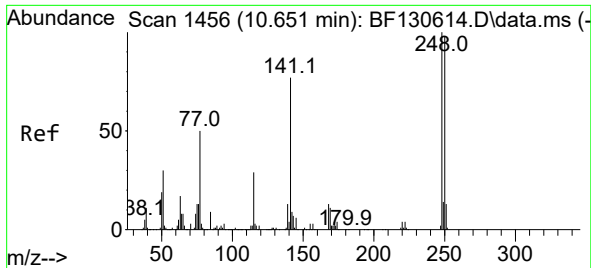
Tgt Ion:165 Resp: 25039
Ion Ratio Lower Upper
165 100
63 0.6 50.6 76.0#
89 1.7 68.6 102.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

Tgt Ion:188 Resp: 348554
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.3 8.0 12.0

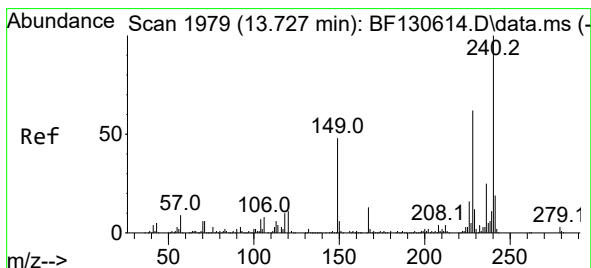
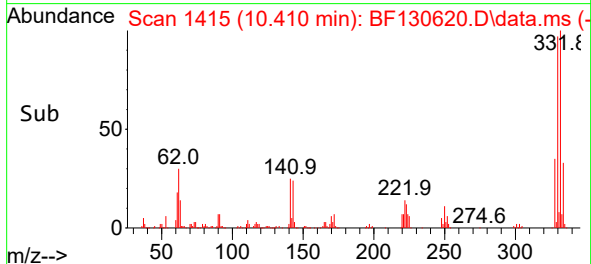
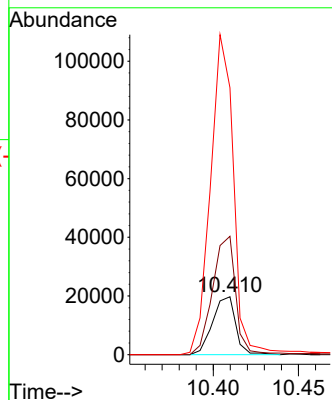
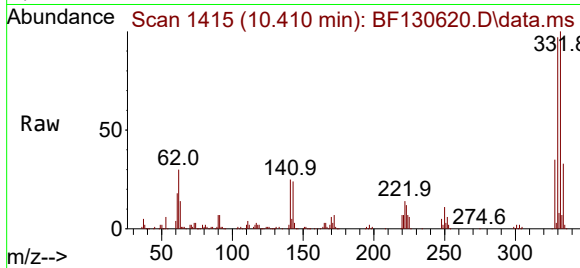




#67
4-Bromophenyl-phenylether
Concen: 4.735 ng
RT: 10.410 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

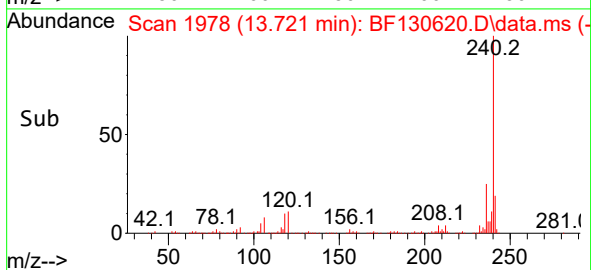
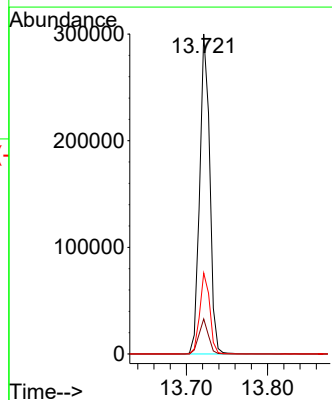
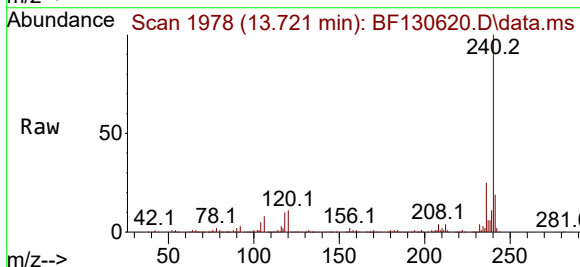
Instrument :
BNA_F
ClientSampleId :
PB148254TB

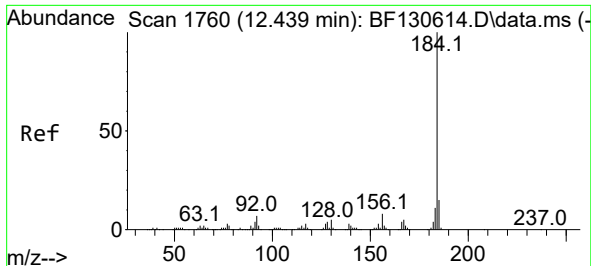
Tgt Ion:248 Resp: 18673
Ion Ratio Lower Upper
248 100
250 204.7 78.7 118.1#
141 461.1 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

Tgt Ion:240 Resp: 258725
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 25.3 20.2 30.4

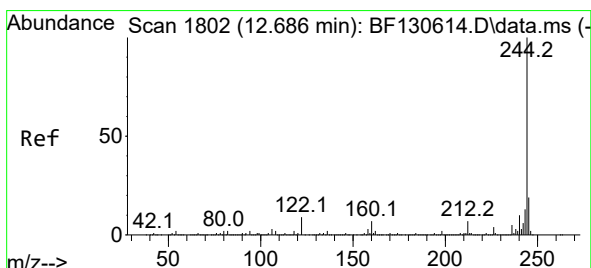
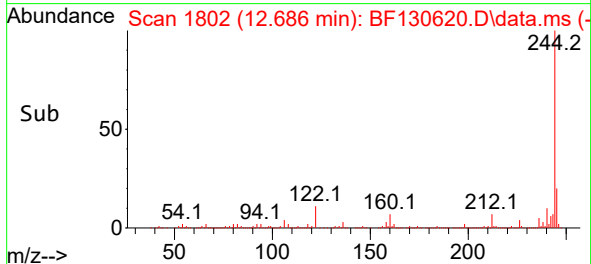
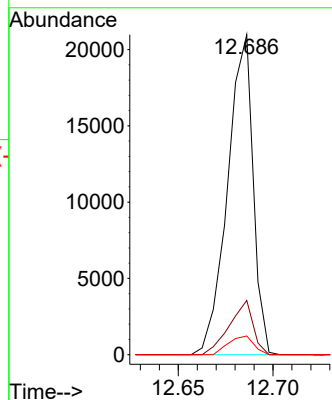
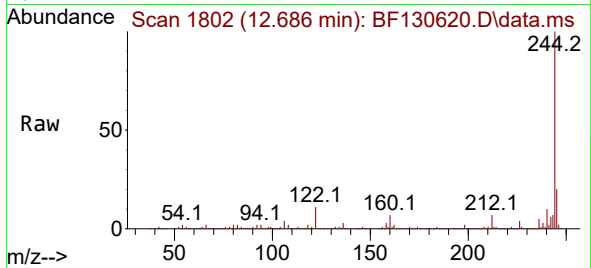




#77
Benzidine
Concen: 3.004 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.247 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

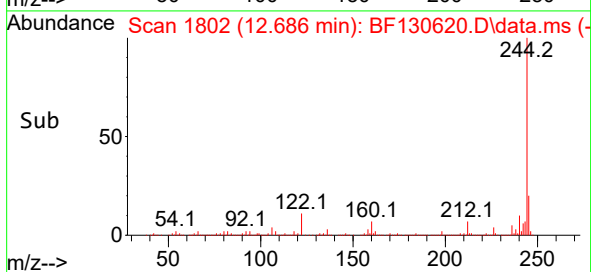
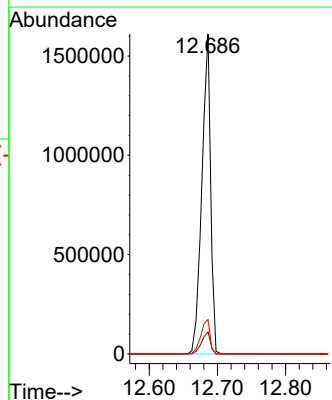
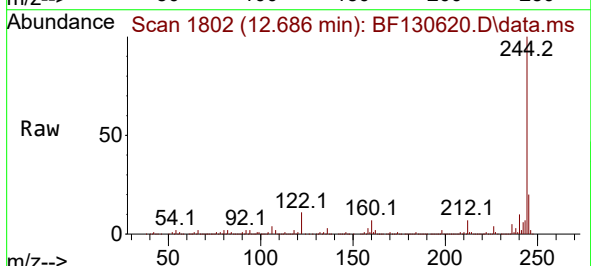
Instrument :
BNA_F
ClientSampleId :
PB148254TB

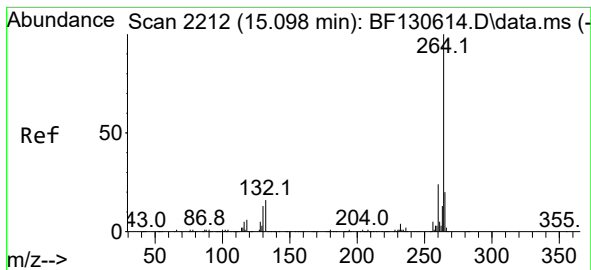
Tgt Ion:184 Resp: 19642
Ion Ratio Lower Upper
184 100
185 17.0 12.0 18.0
183 5.8 9.0 13.4#



#79
Terphenyl-d14
Concen: 92.295 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

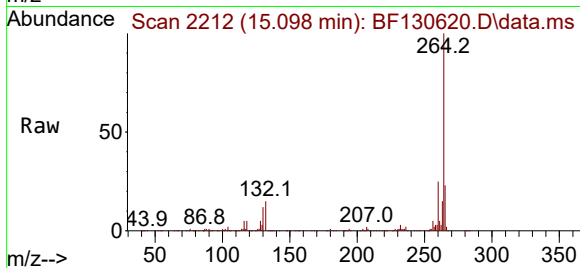
Tgt Ion:244 Resp: 1438729
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.8 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF130620.D
Acq: 11 Oct 2022 16:05

Instrument :
BNA_F
ClientSampleId :
PB148254TB



Tgt Ion:264 Resp: 195982
Ion Ratio Lower Upper
264 100
260 25.0 19.1 28.7
265 22.7 16.4 24.6

