

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131867.D
 Acq On : 28 Dec 2022 18:34
 Operator : CG\JU
 Sample : N6200-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-502A-COMP-3

Quant Time: Dec 29 00:58:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

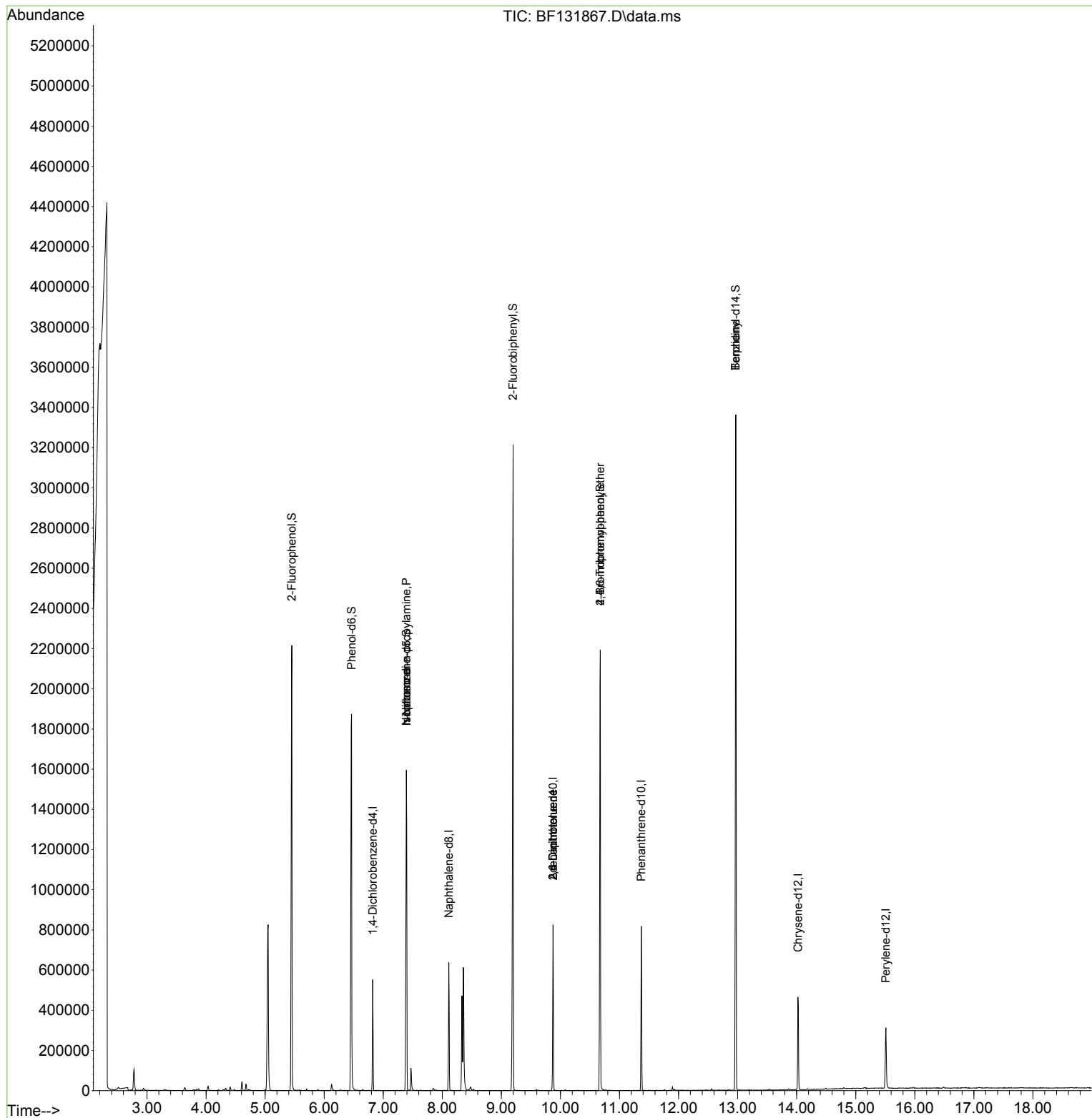
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	68686	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	252252	20.000	ng	-0.02
39) Acenaphthene-d10	9.875	164	148352	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	282624	20.000	ng	#-0.02
76) Chrysene-d12	14.021	240	151343	20.000	ng	-0.02
86) Perylene-d12	15.510	264	144492	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	592854	143.041	ng	0.01
7) Phenol-d6	6.463	99	697826	128.152	ng	0.00
23) Nitrobenzene-d5	7.392	82	601584	95.217	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	256185	158.938	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1016281	93.833	ng	-0.01
79) Terphenyl-d14	12.969	244	1177189	131.571	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.392	70	83352	21.674	ng	# 79
25) Isophorone	7.392	82	601570	58.304	ng	# 69
51) 2,6-Dinitrotoluene	9.875	165	19253	7.924	ng	# 17
57) 2,4-Dinitrotoluene	9.875	165	19253	5.794	ng	# 17
67) 4-Bromophenyl-phenylether	10.675	248	16921	5.166	ng	# 1
77) Benzidine	12.969	184	18184	7.311	ng	# 93

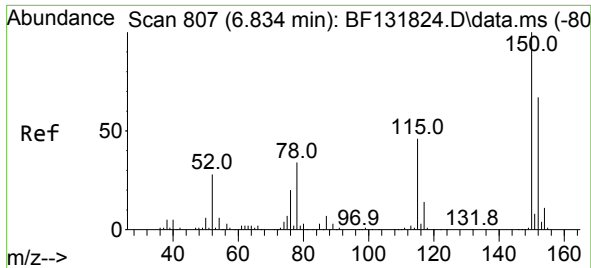
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
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Operator : CG\JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 29 00:58:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 05:13:34 2022
Response via : Initial Calibration

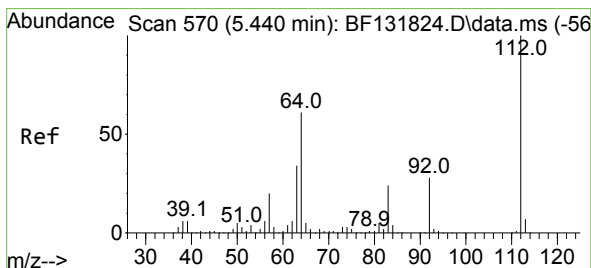
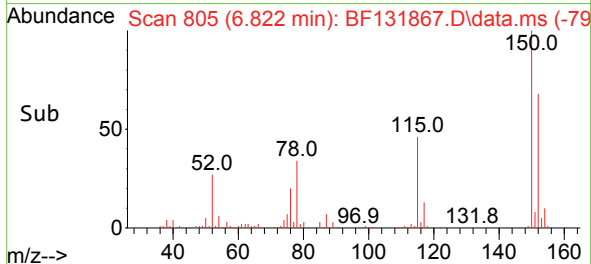
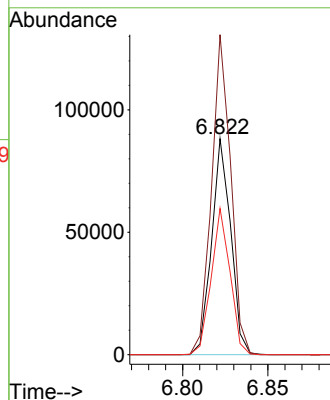
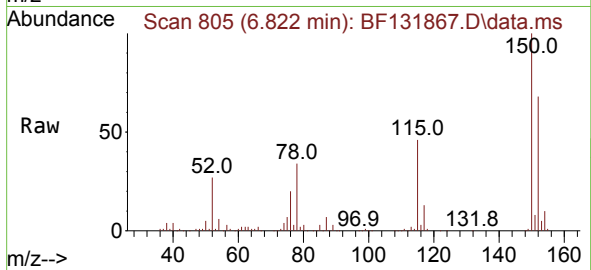




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF131867.D
Acq: 28 Dec 2022 18:34

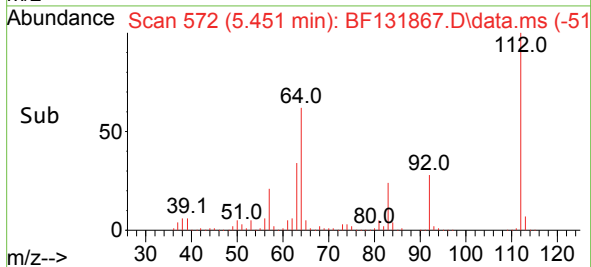
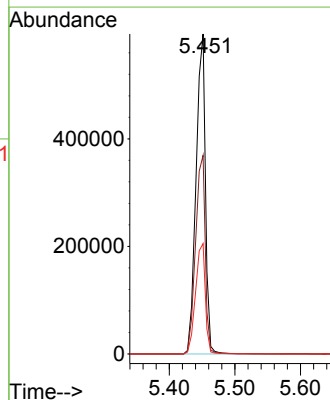
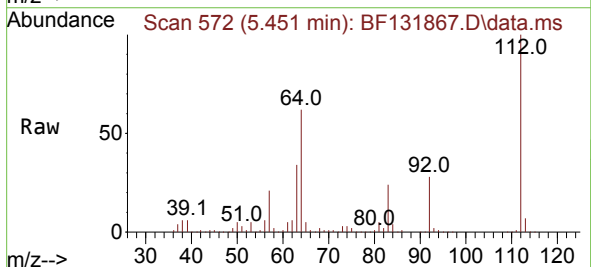
Instrument :
BNA_F
ClientSampleId :
PL-502A-COMP-3

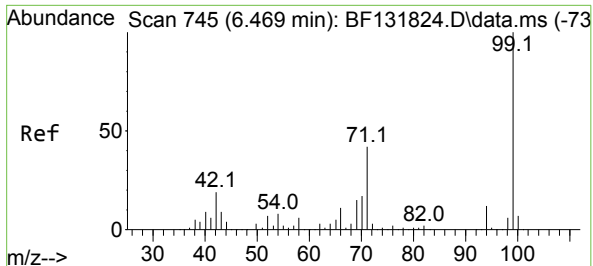
Tgt Ion:152 Resp: 68686
Ion Ratio Lower Upper
152 100
150 148.1 120.0 180.0
115 67.7 55.1 82.7



#5
2-Fluorophenol
Concen: 143.041 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF131867.D
Acq: 28 Dec 2022 18:34

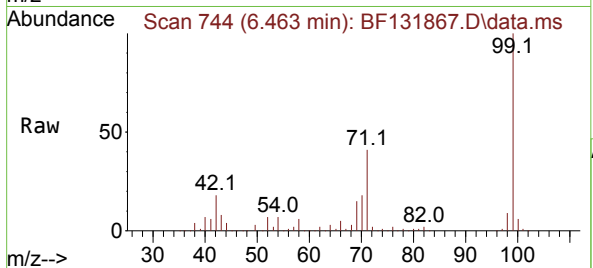
Tgt Ion:112 Resp: 592854
Ion Ratio Lower Upper
112 100
64 62.1 49.2 73.8
63 34.5 27.5 41.3



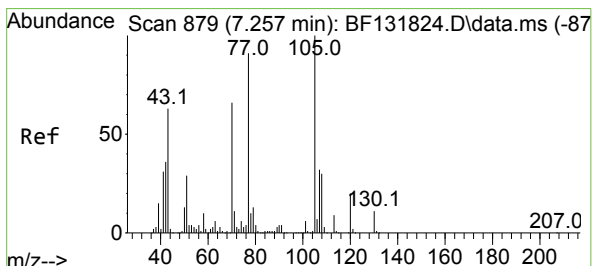
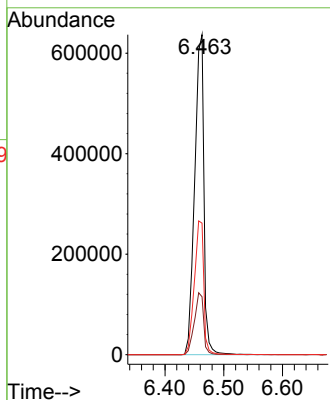
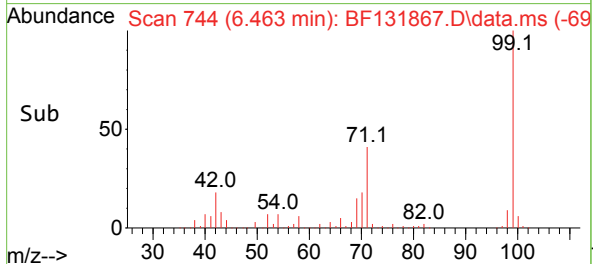


#7
Phenol-d6
Concen: 128.152 ng
RT: 6.463 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF131867.D
Acq: 28 Dec 2022 18:34

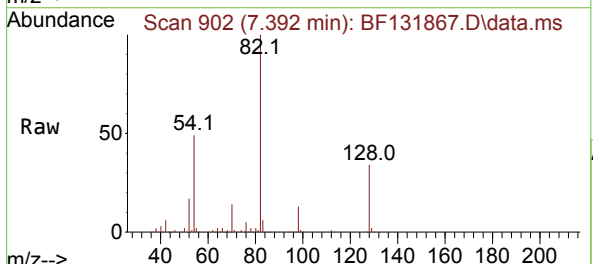
Instrument :
BNA_F
ClientSampleId :
PL-502A-COMP-3



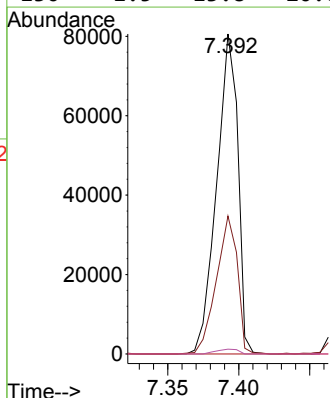
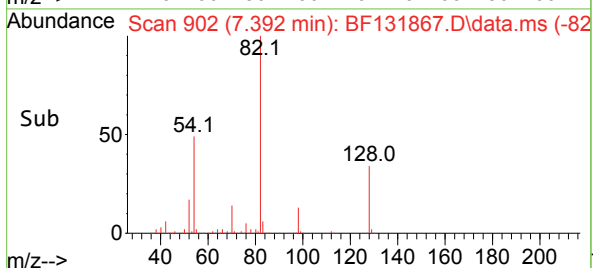
Tgt Ion: 99 Resp: 697826
Ion Ratio Lower Upper
99 100
42 18.1 15.3 22.9
71 41.1 33.5 50.3

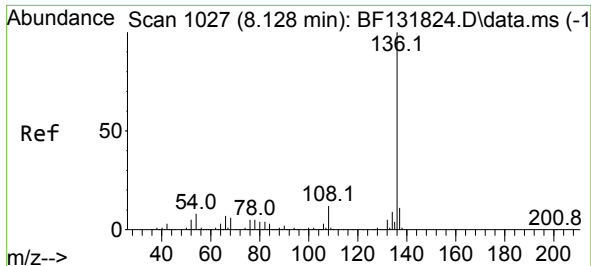


#19
n-Nitroso-di-n-propylamine
Concen: 21.674 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF131867.D
Acq: 28 Dec 2022 18:34



Tgt Ion: 70 Resp: 83352
Ion Ratio Lower Upper
70 100
42 43.1 43.8 65.6#
101 0.0 7.4 11.0#
130 1.5 13.8 20.6#



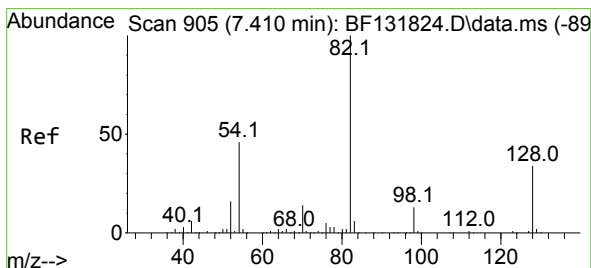
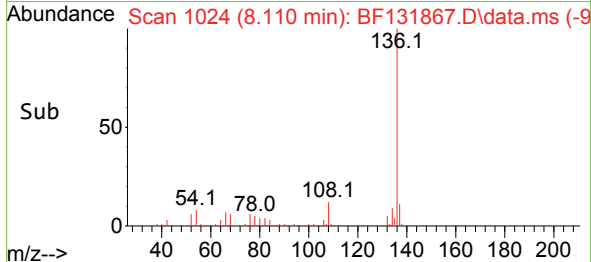
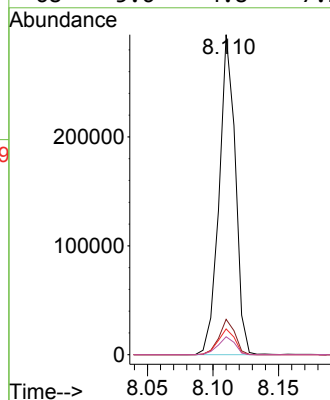
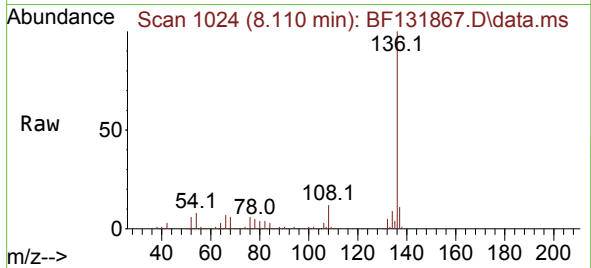


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.018 min
Lab File: BF131867.D
Acq: 28 Dec 2022 18:34

Instrument :
BNA_F
ClientSampleId :
PL-502A-COMP-3

Tgt Ion:136 Resp: 252252

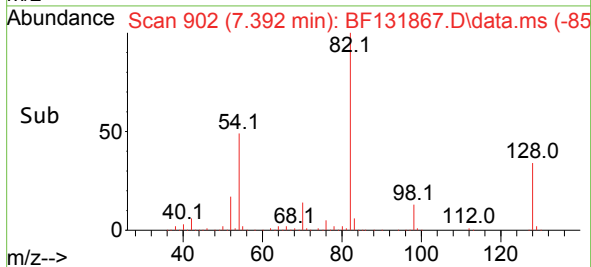
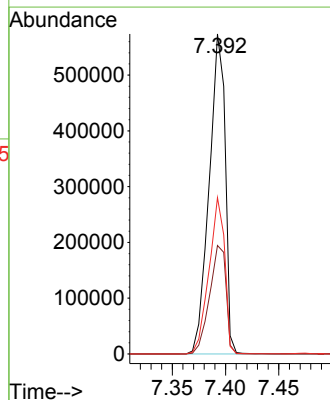
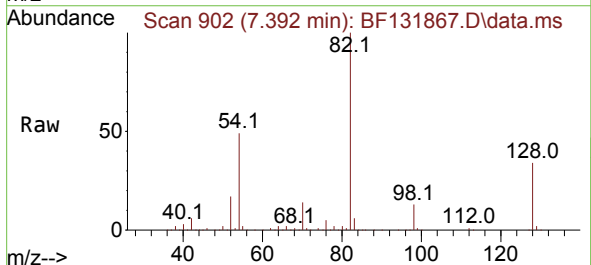
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.0	6.7	10.1
68	5.6	4.8	7.2

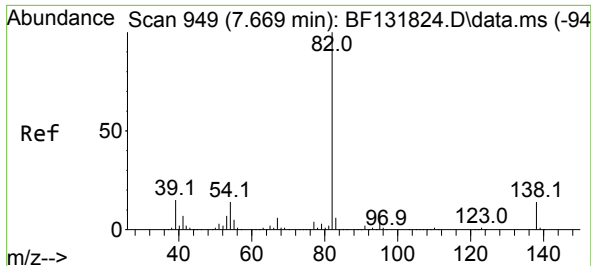


#23
Nitrobenzene-d5
Concen: 95.217 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF131867.D
Acq: 28 Dec 2022 18:34

Tgt Ion: 82 Resp: 601584

Ion	Ratio	Lower	Upper
82	100		
128	33.9	27.1	40.7
54	48.9	37.0	55.6

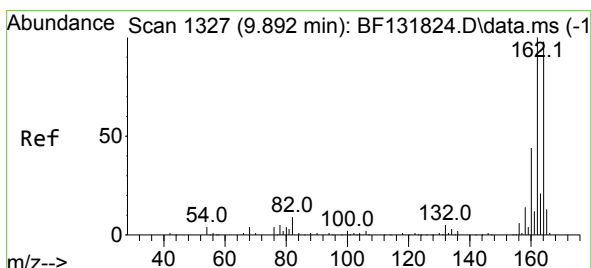
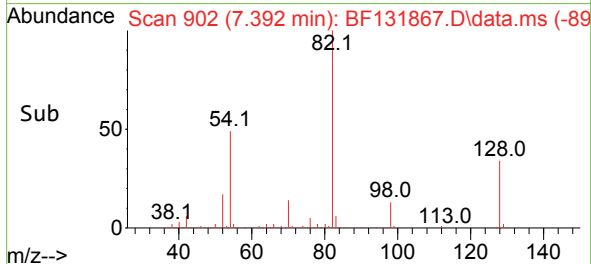
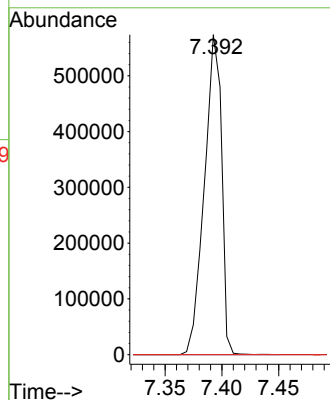
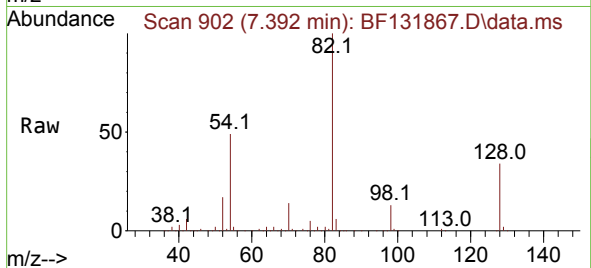




#25
Isophorone
Concen: 58.304 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF131867.D
Acq: 28 Dec 2022 18:34

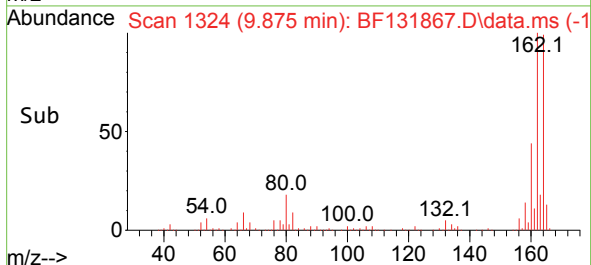
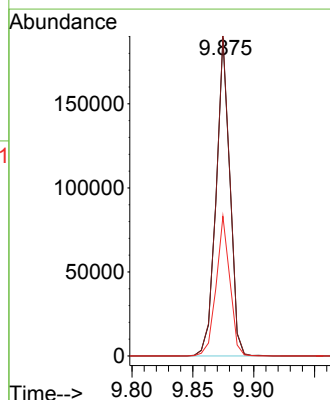
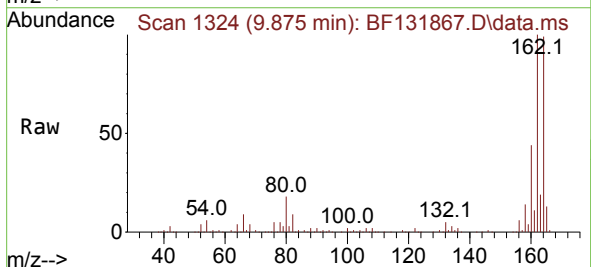
Instrument :
BNA_F
ClientSampleId :
PL-502A-COMP-3

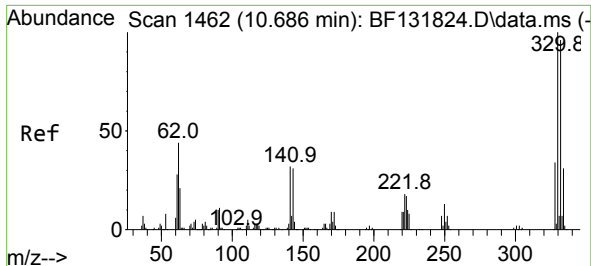
Tgt Ion: 82 Resp: 601570
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.018 min
Lab File: BF131867.D
Acq: 28 Dec 2022 18:34

Tgt Ion:164 Resp: 148352
Ion Ratio Lower Upper
164 100
162 100.7 81.8 122.6
160 44.0 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 158.938 ng

RT: 10.675 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF131867.D

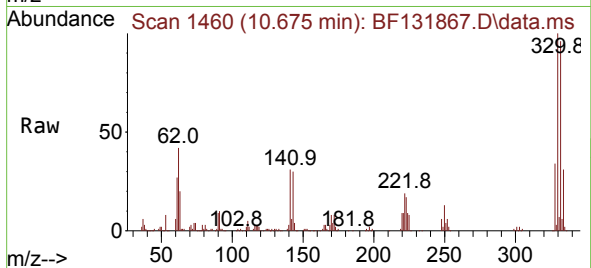
Acq: 28 Dec 2022 18:34

Instrument :

BNA_F

ClientSampleId :

PL-502A-COMP-3



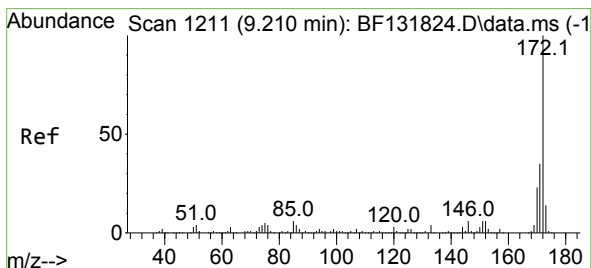
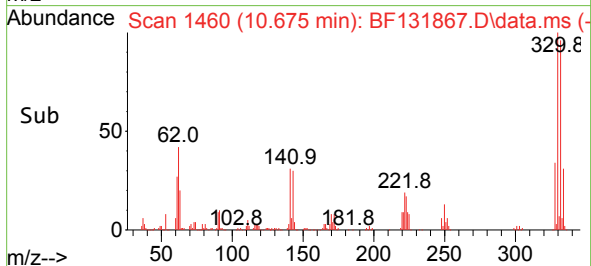
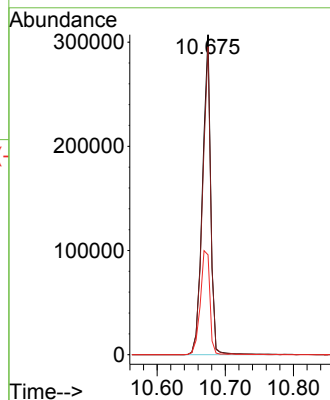
Tgt Ion:330 Resp: 256185

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 38.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 93.833 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BF131867.D

Acq: 28 Dec 2022 18:34

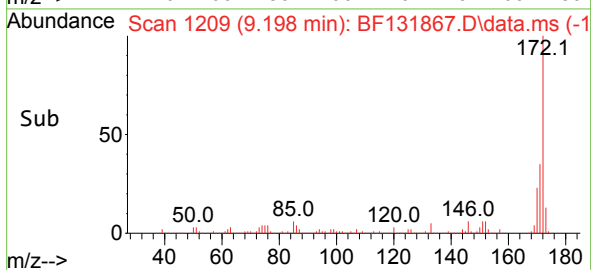
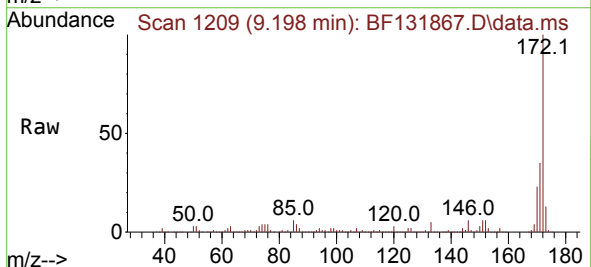
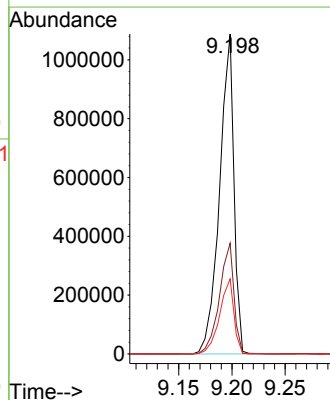
Tgt Ion:172 Resp: 1016281

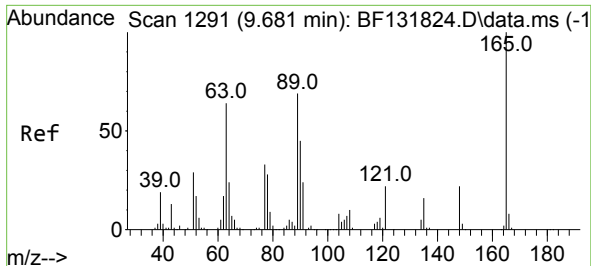
Ion Ratio Lower Upper

172 100

171 34.6 27.9 41.9

170 23.5 18.7 28.1

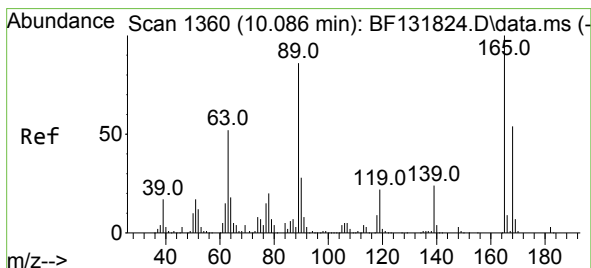
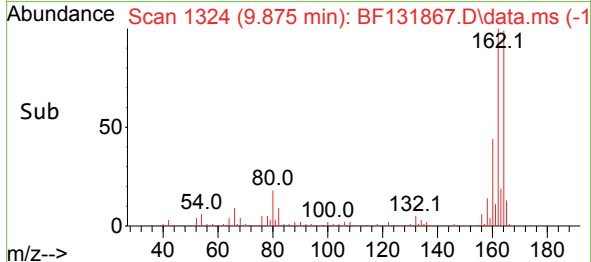
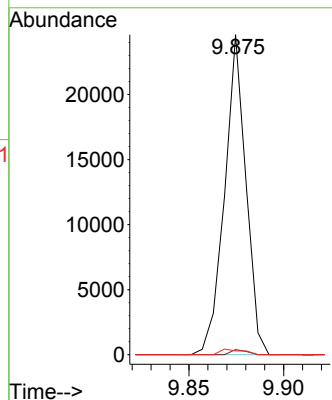
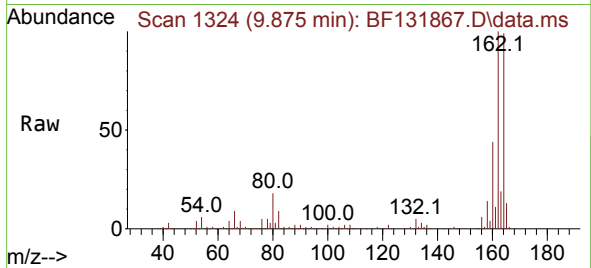




#51
2,6-Dinitrotoluene
Concen: 7.924 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF131867.D
Acq: 28 Dec 2022 18:34

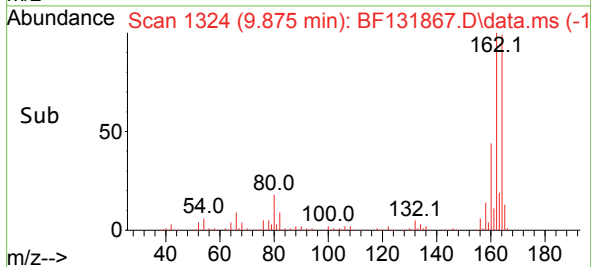
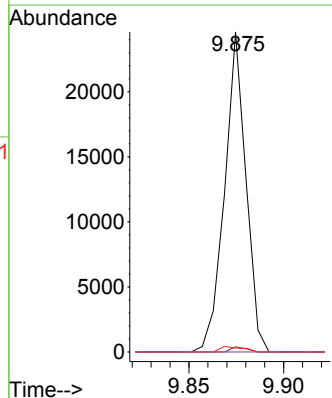
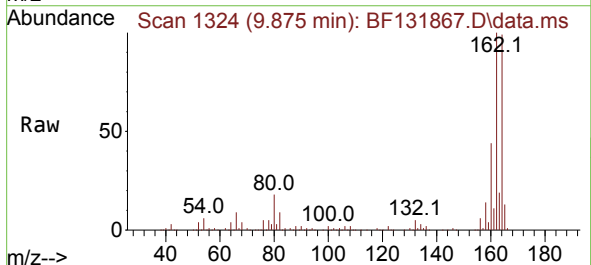
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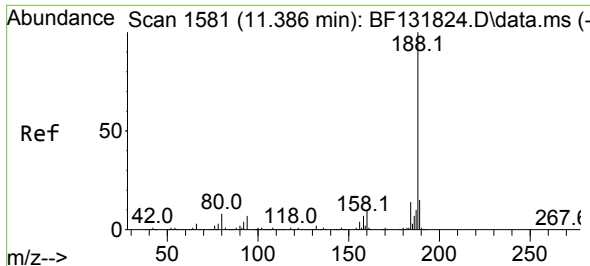
Tgt Ion:165 Resp: 19253
Ion Ratio Lower Upper
165 100
63 1.6 55.1 82.7#
89 1.2 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.794 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.212 min
Lab File: BF131867.D
Acq: 28 Dec 2022 18:34

Tgt Ion:165 Resp: 19253
Ion Ratio Lower Upper
165 100
63 1.6 42.1 63.1#
89 1.2 69.1 103.7#
182 0.0 2.2 3.4#

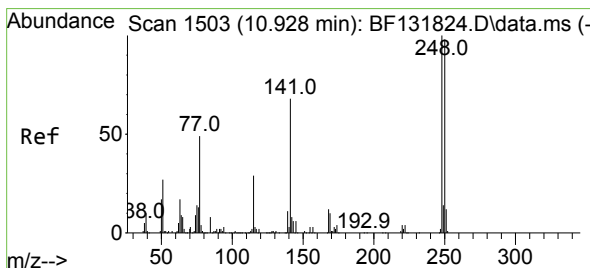
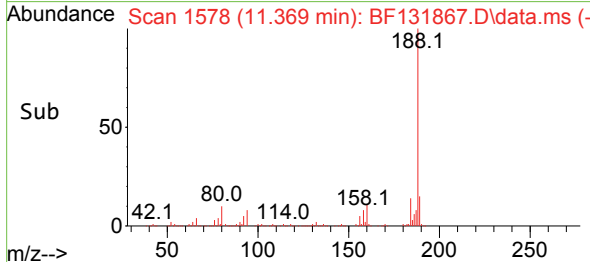
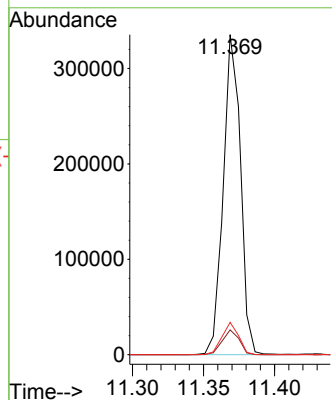
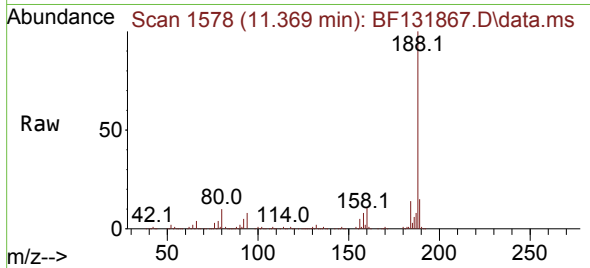




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF131867.D
Acq: 28 Dec 2022 18:34

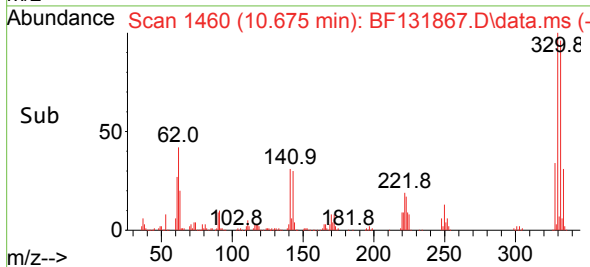
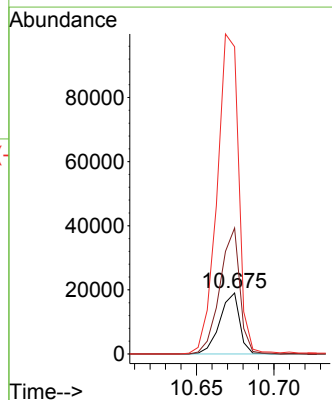
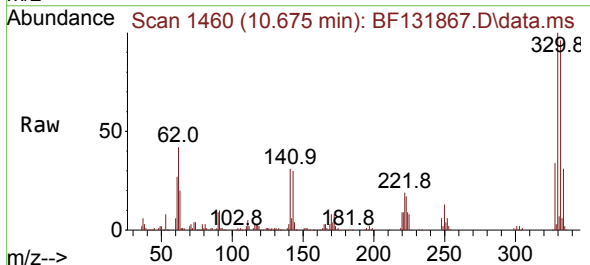
Instrument :
BNA_F
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PL-502A-COMP-3

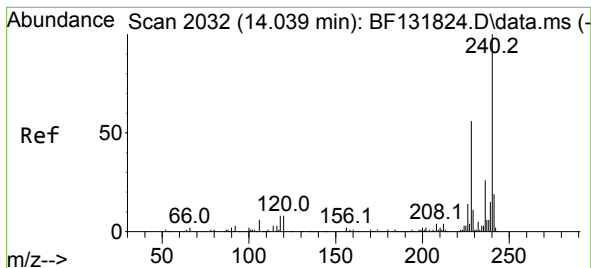
Tgt Ion:188 Resp: 282624
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.6
80 10.1 6.7 10.1#



#67
4-Bromophenyl-phenylether
Concen: 5.166 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.253 min
Lab File: BF131867.D
Acq: 28 Dec 2022 18:34

Tgt Ion:248 Resp: 16921
Ion Ratio Lower Upper
248 100
250 206.6 78.0 117.0#
141 504.2 54.8 82.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2032

Delta R.T. -0.018 min

Lab File: BF131867.D

Acq: 28 Dec 2022 18:34

Instrument :

BNA_F

ClientSampleId :

PL-502A-COMP-3

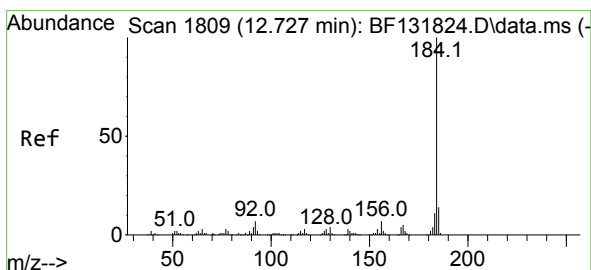
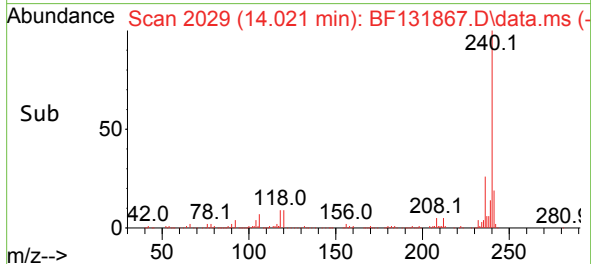
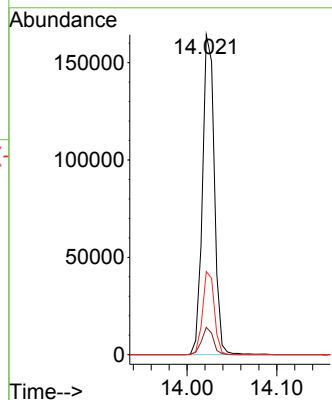
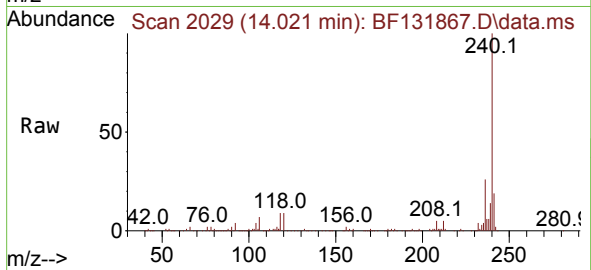
Tgt Ion:240 Resp: 151343

Ion Ratio Lower Upper

240 100

120 8.5 6.7 10.1

236 26.0 20.6 31.0



#77

Benzidine

Concen: 7.311 ng

RT: 12.969 min Scan# 1850

Delta R.T. 0.241 min

Lab File: BF131867.D

Acq: 28 Dec 2022 18:34

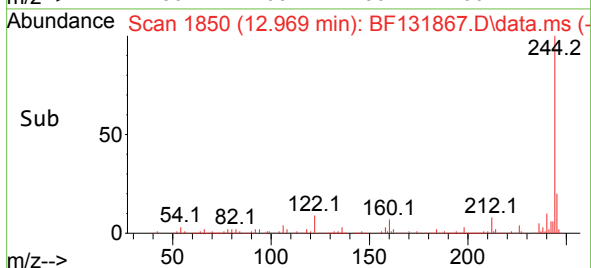
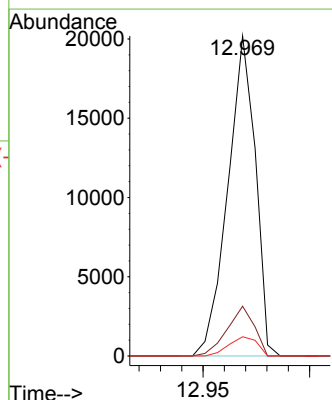
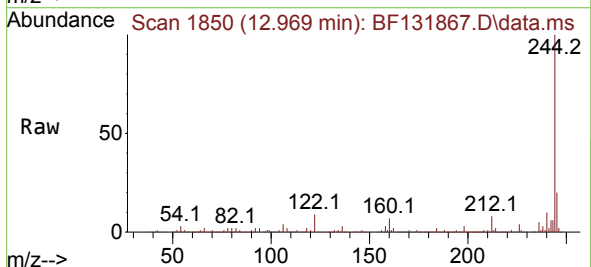
Tgt Ion:184 Resp: 18184

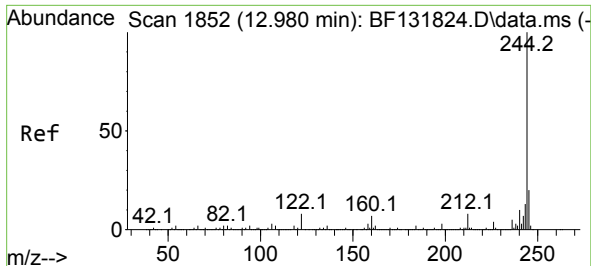
Ion Ratio Lower Upper

184 100

185 15.6 11.6 17.4

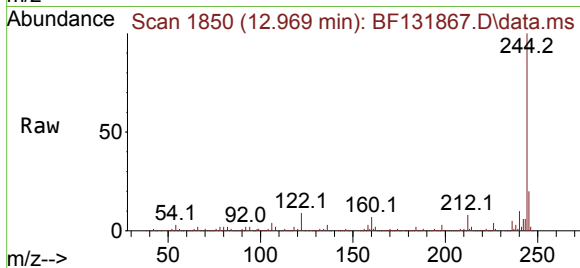
183 6.0 9.0 13.4





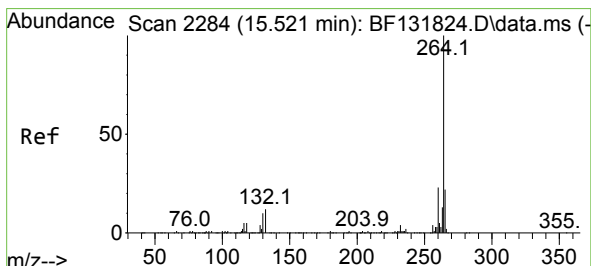
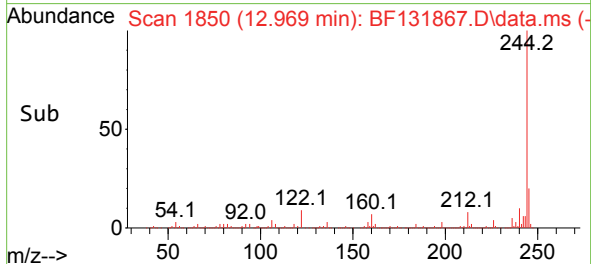
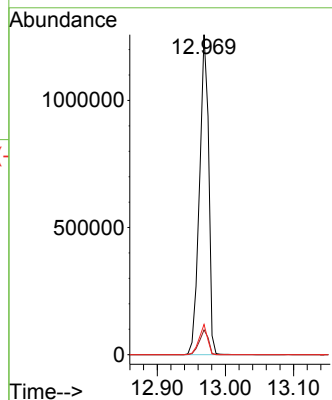
#79
 Terphenyl-d14
 Concen: 131.571 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.012 min
 Lab File: BF131867.D
 Acq: 28 Dec 2022 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PL-502A-COMP-3



Tgt Ion:244 Resp: 1177189

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	9.5	6.4	9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF131867.D
 Acq: 28 Dec 2022 18:34

Tgt Ion:264 Resp: 144492

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	20.8	17.4	26.0

