

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131834.D
 Acq On : 27 Dec 2022 12:46
 Operator : CG\JU
 Sample : PB149924BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149924BL

Quant Time: Dec 27 13:25:33 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)

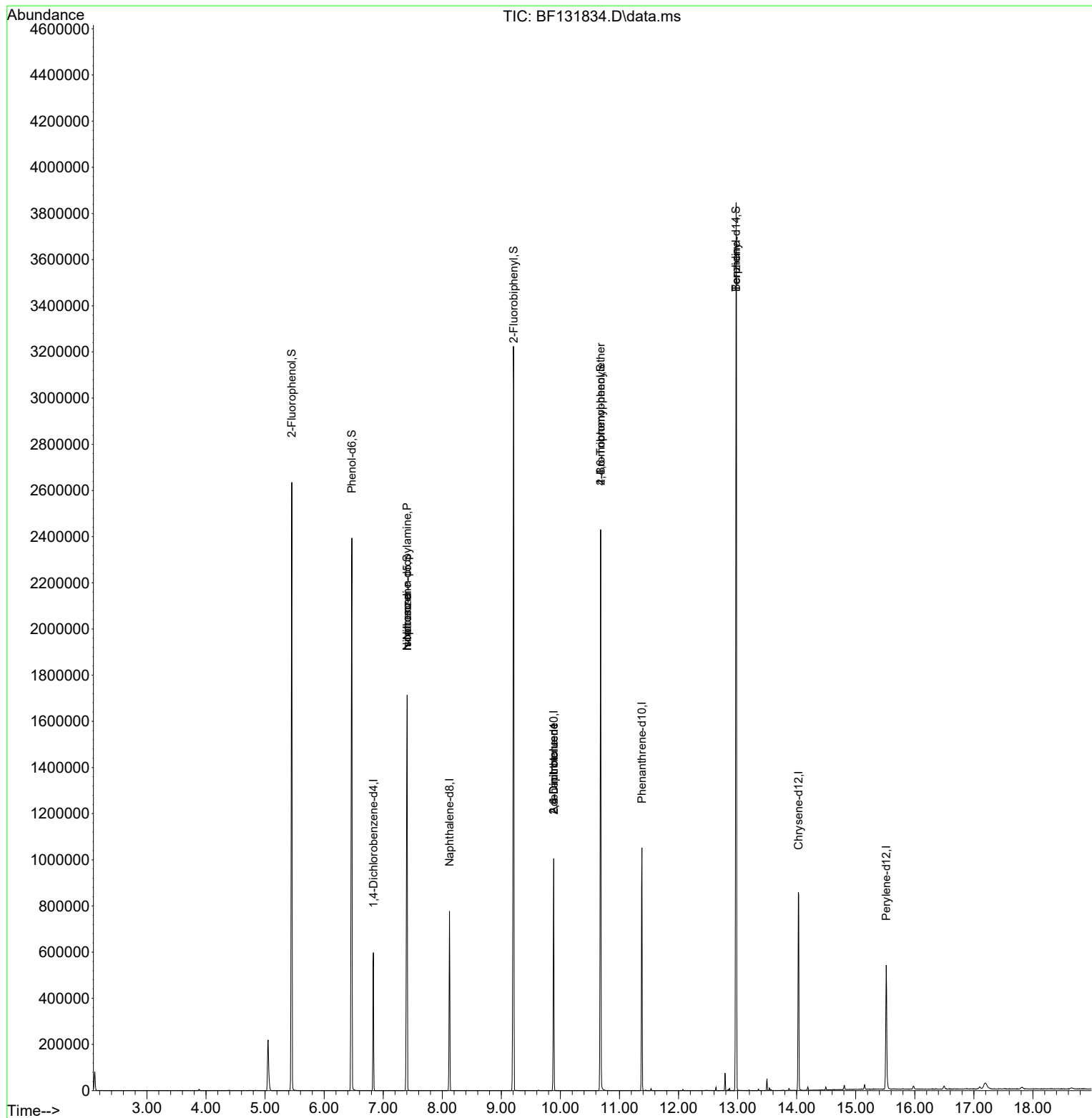
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	85316	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	315927	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	193677	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	378340	20.000	ng	0.00
76) Chrysene-d12	14.033	240	312735	20.000	ng	0.00
86) Perylene-d12	15.515	264	243095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	686223	133.295	ng	0.01
7) Phenol-d6	6.469	99	876781	129.630	ng	0.00
23) Nitrobenzene-d5	7.404	82	620656	78.436	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	267359	127.053	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1115308	78.877	ng	0.00
79) Terphenyl-d14	12.974	244	1501901	81.235	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	84509	17.691	ng	# 78
25) Isophorone	7.404	82	620191	47.994	ng	# 69
51) 2,6-Dinitrotoluene	9.886	165	25348	7.992	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	25348	5.844	ng	# 17
67) 4-Bromophenyl-phenylether	10.681	248	18758	4.278	ng	# 1
77) Benzydine	12.974	184	23349	4.543	ng	# 93

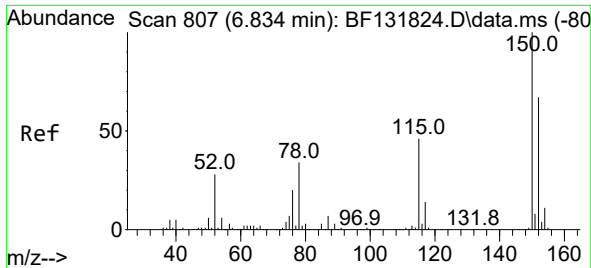
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
Data File : BF131834.D
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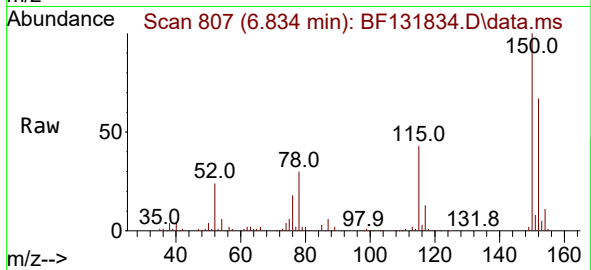
Quant Time: Dec 27 13:25:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 05:13:34 2022
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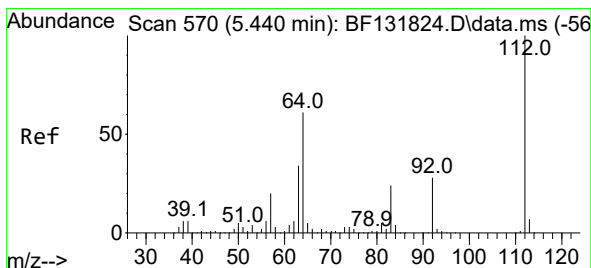
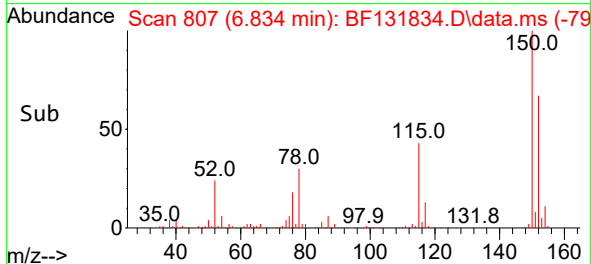
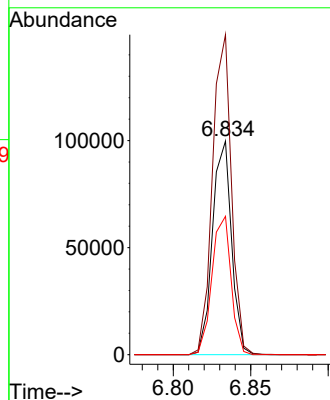


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131834.D
Acq: 27 Dec 2022 12:46

Instrument :
BNA_F
ClientSampleId :
PB149924BL

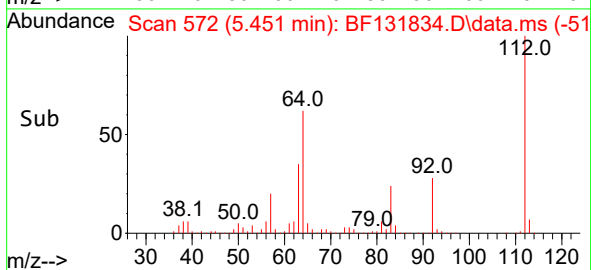
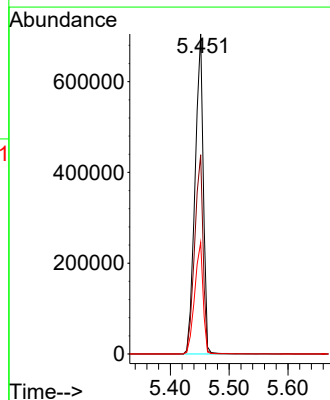
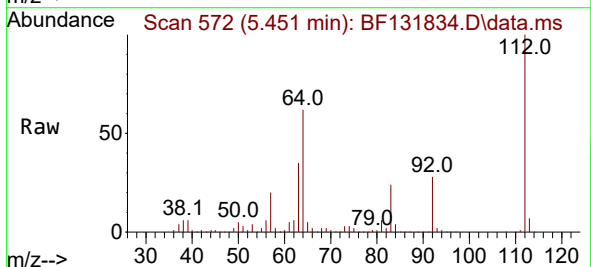


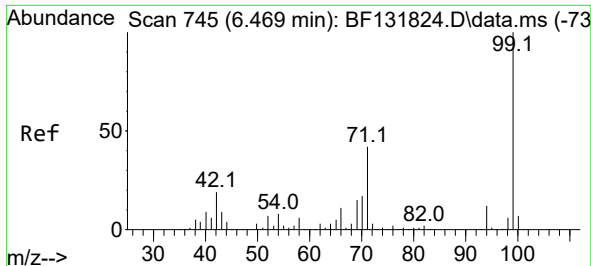
Tgt Ion:152 Resp: 85316
Ion Ratio Lower Upper
152 100
150 149.9 120.0 180.0
115 64.8 55.1 82.7



#5
2-Fluorophenol
Concen: 133.295 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF131834.D
Acq: 27 Dec 2022 12:46

Tgt Ion:112 Resp: 686223
Ion Ratio Lower Upper
112 100
64 62.2 49.2 73.8
63 34.9 27.5 41.3

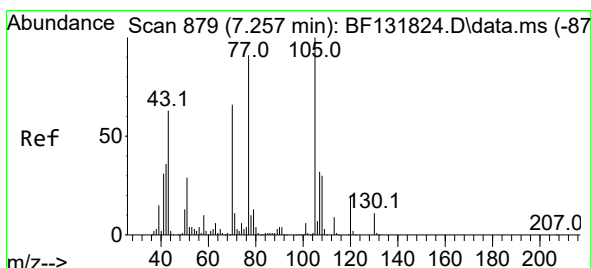
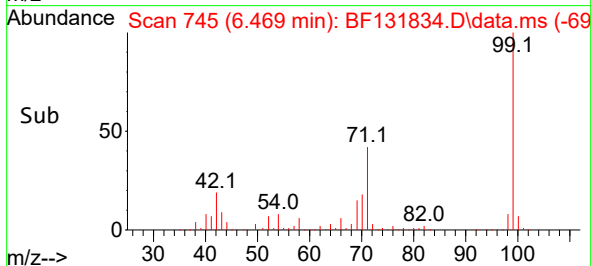
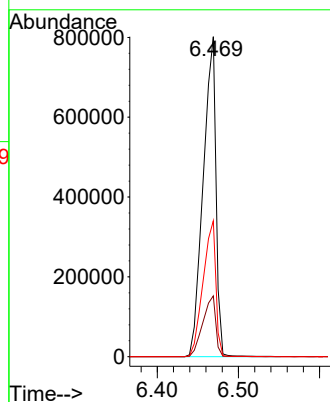
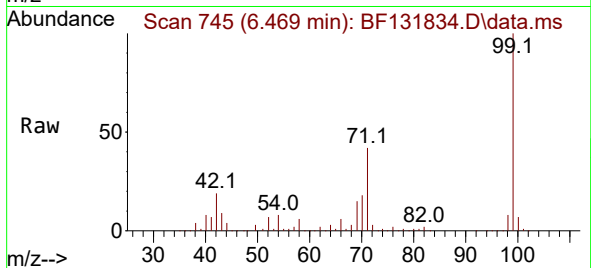




#7
Phenol-d6
Concen: 129.630 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131834.D
Acq: 27 Dec 2022 12:46

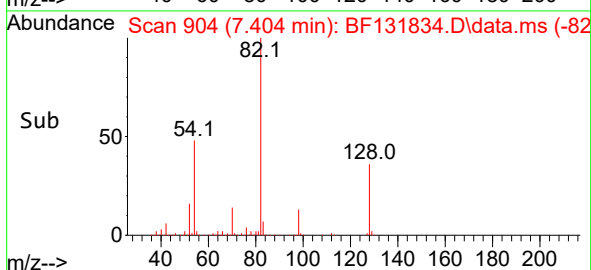
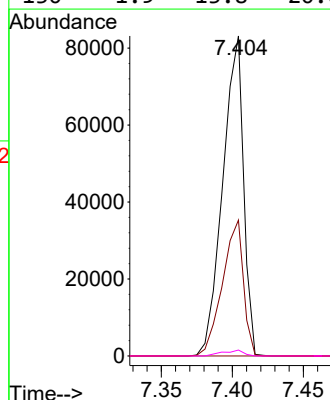
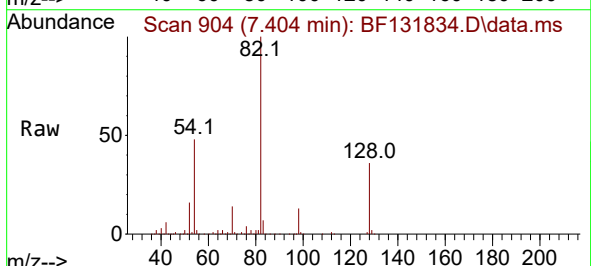
Instrument :
BNA_F
ClientSampleId :
PB149924BL

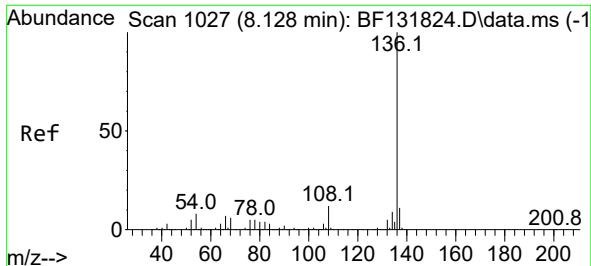
Tgt Ion: 99 Resp: 876781
Ion Ratio Lower Upper
99 100
42 19.0 15.3 22.9
71 42.4 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.691 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF131834.D
Acq: 27 Dec 2022 12:46

Tgt Ion: 70 Resp: 84509
Ion Ratio Lower Upper
70 100
42 42.4 43.8 65.6#
101 0.0 7.4 11.0#
130 1.9 13.8 20.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF131834.D

Acq: 27 Dec 2022 12:46

Instrument :

BNA_F

ClientSampleId :

PB149924BL

Tgt Ion:136 Resp: 315927

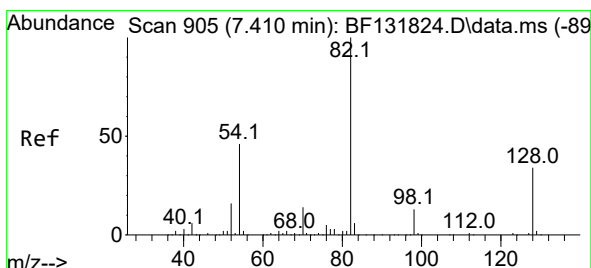
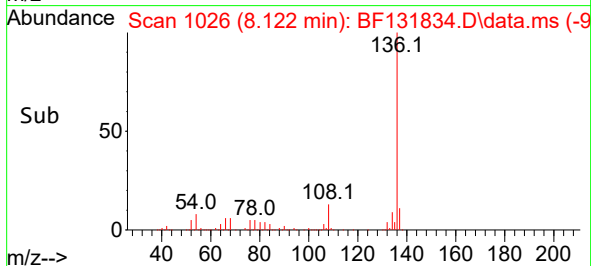
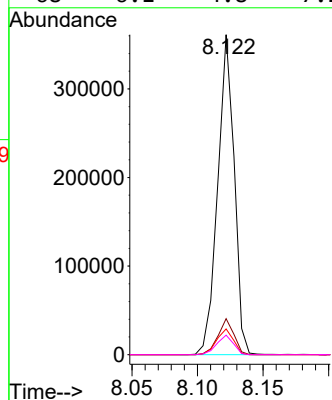
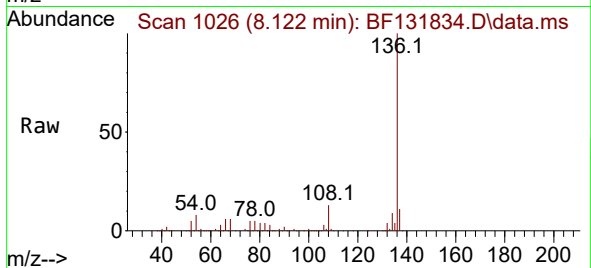
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 8.1 6.7 10.1

68 6.1 4.8 7.2



#23

Nitrobenzene-d5

Concen: 78.436 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF131834.D

Acq: 27 Dec 2022 12:46

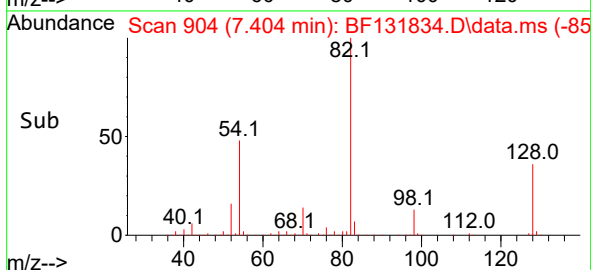
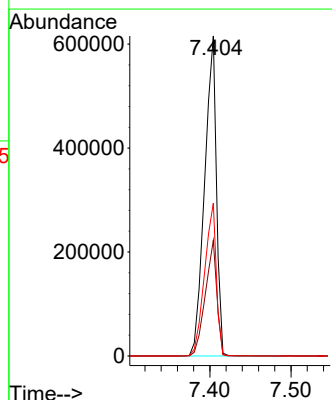
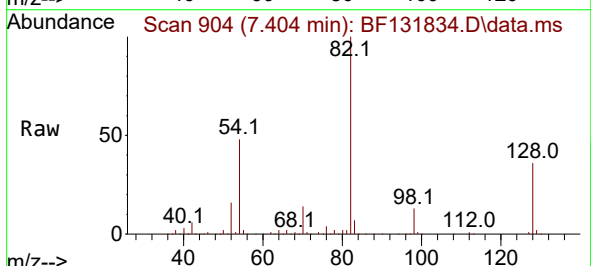
Tgt Ion: 82 Resp: 620656

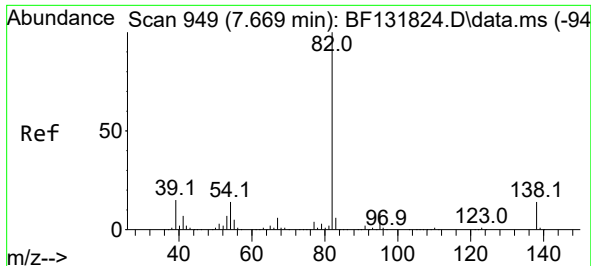
Ion Ratio Lower Upper

82 100

128 36.1 27.1 40.7

54 47.7 37.0 55.6

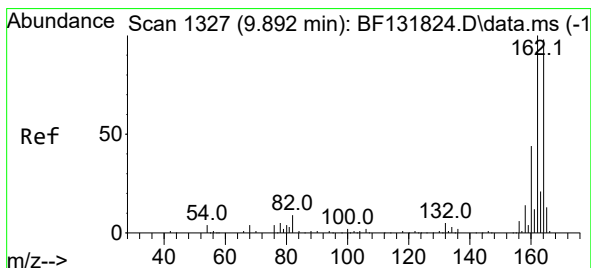
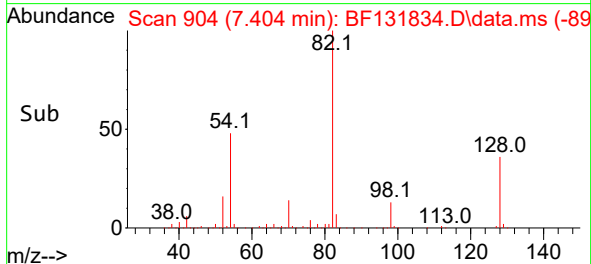
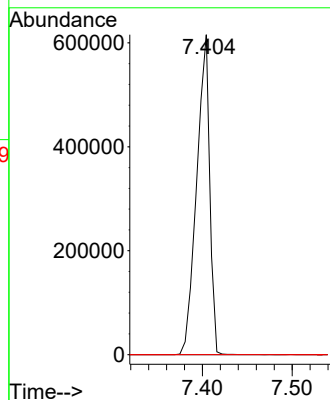
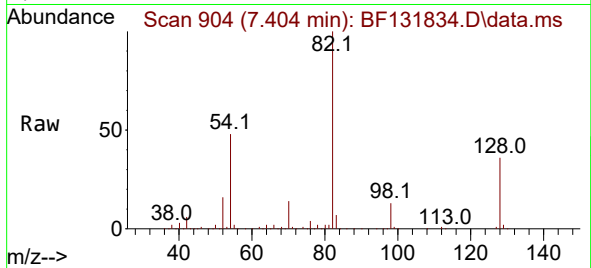




#25
Isophorone
Concen: 47.994 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF131834.D
Acq: 27 Dec 2022 12:46

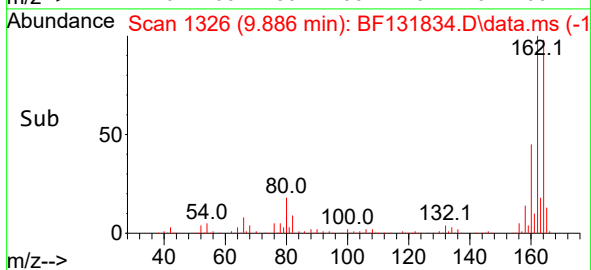
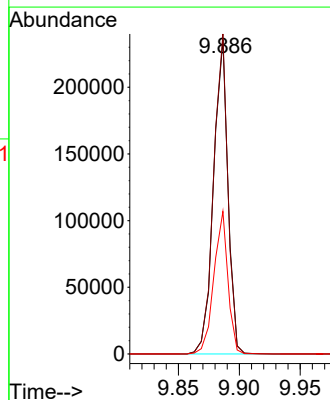
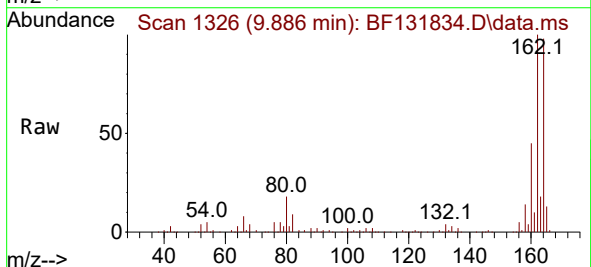
Instrument :
BNA_F
ClientSampleId :
PB149924BL

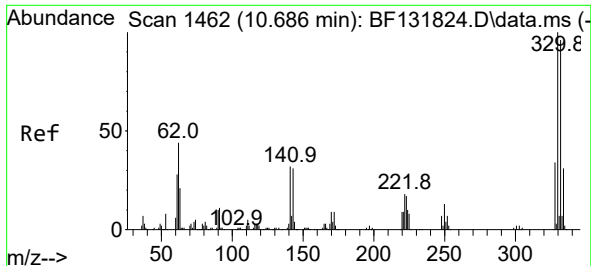
Tgt Ion: 82 Resp: 620191
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131834.D
Acq: 27 Dec 2022 12:46

Tgt Ion: 164 Resp: 193677
Ion Ratio Lower Upper
164 100
162 101.8 81.8 122.6
160 45.4 35.7 53.5

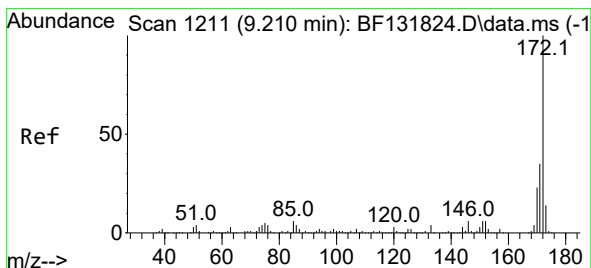
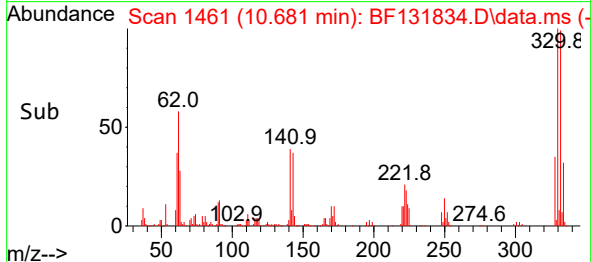
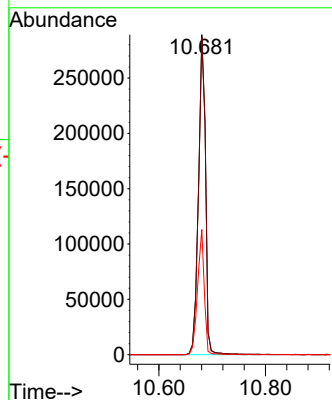
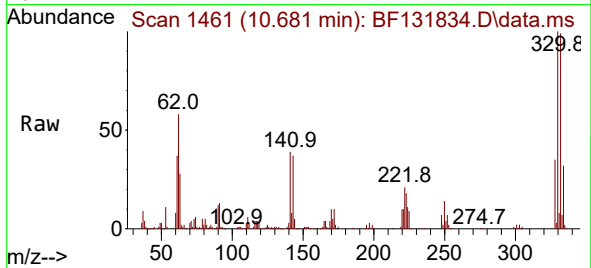




#42
2,4,6-Tribromophenol
Concen: 127.053 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF131834.D
Acq: 27 Dec 2022 12:46

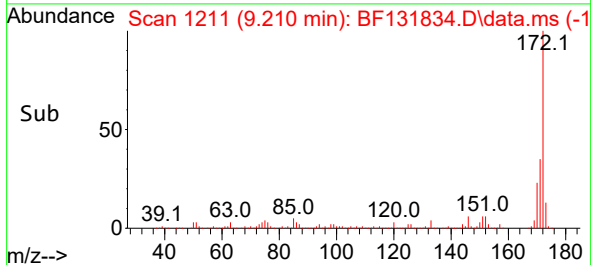
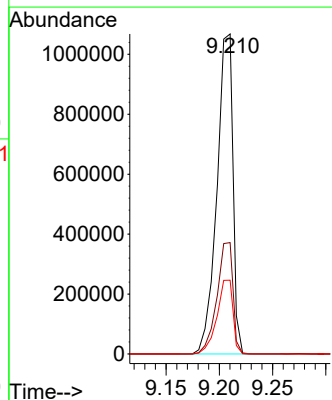
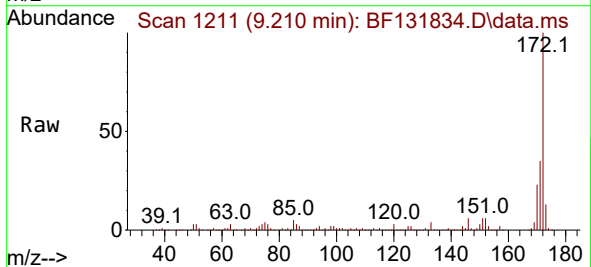
Instrument :
BNA_F
ClientSampleId :
PB149924BL

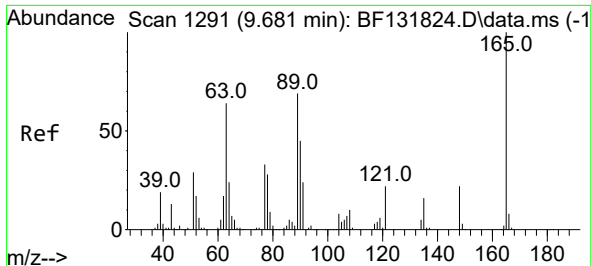
Tgt Ion: 330 Resp: 267359
Ion Ratio Lower Upper
330 100
332 98.5 77.0 115.4
141 37.3 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 78.877 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF131834.D
Acq: 27 Dec 2022 12:46

Tgt Ion: 172 Resp: 1115308
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.1 18.7 28.1

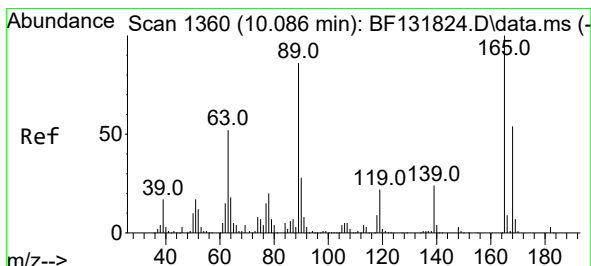
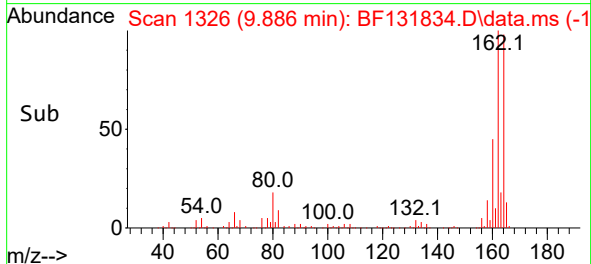
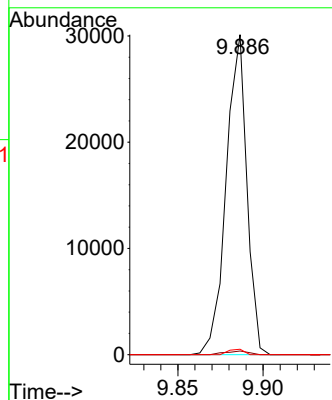
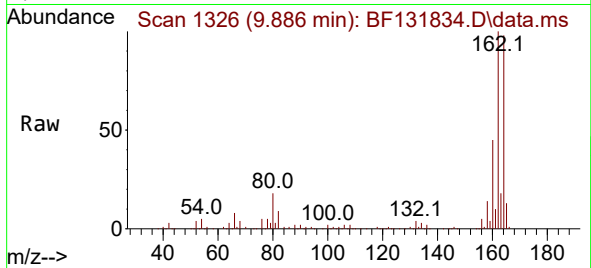




#51
2,6-Dinitrotoluene
Concen: 7.992 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131834.D
Acq: 27 Dec 2022 12:46

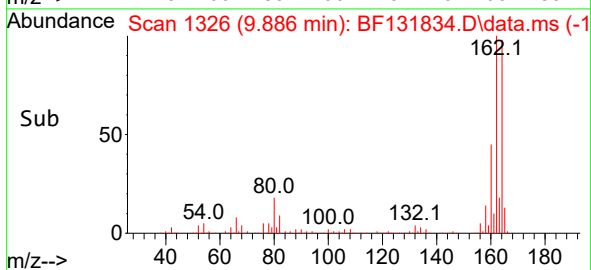
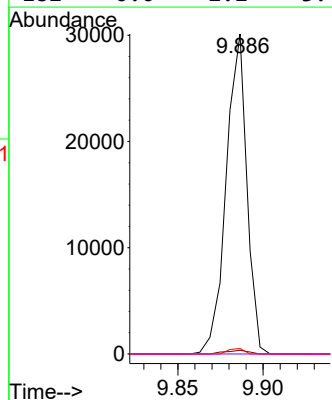
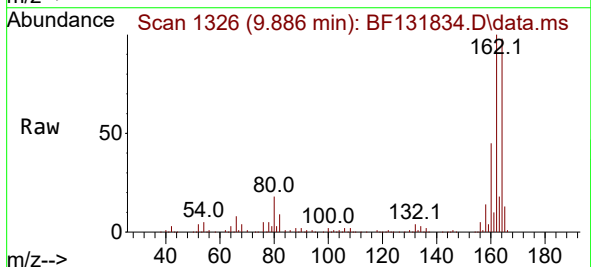
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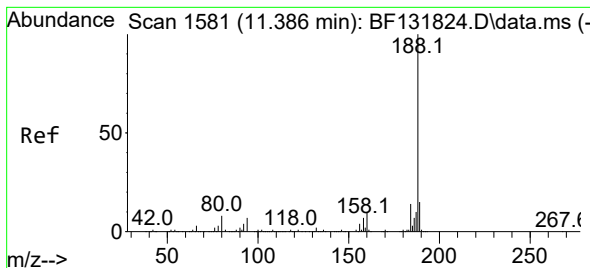
Tgt Ion:165 Resp: 25348
Ion Ratio Lower Upper
165 100
63 1.2 55.1 82.7#
89 1.7 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.844 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF131834.D
Acq: 27 Dec 2022 12:46

Tgt Ion:165 Resp: 25348
Ion Ratio Lower Upper
165 100
63 1.2 42.1 63.1#
89 1.7 69.1 103.7#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131834.D

Acq: 27 Dec 2022 12:46

Instrument :

BNA_F

ClientSampleId :

PB149924BL

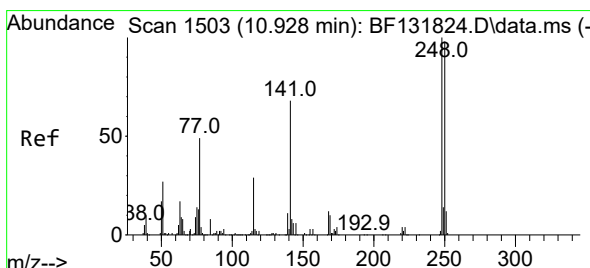
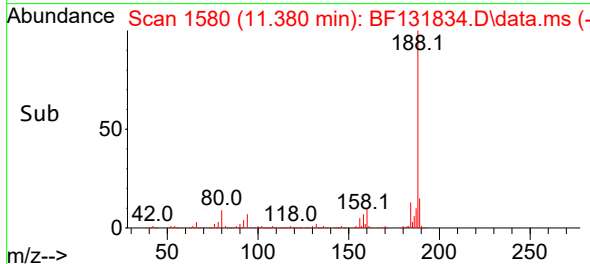
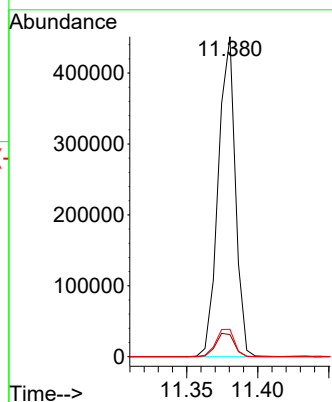
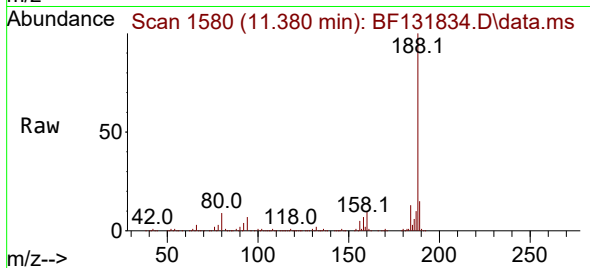
Tgt Ion:188 Resp: 378340

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

80 8.6 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 4.278 ng

RT: 10.681 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF131834.D

Acq: 27 Dec 2022 12:46

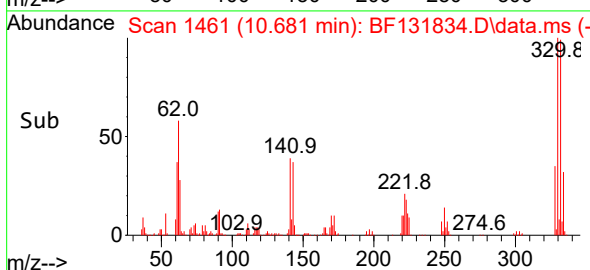
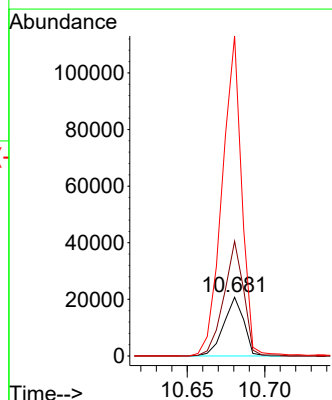
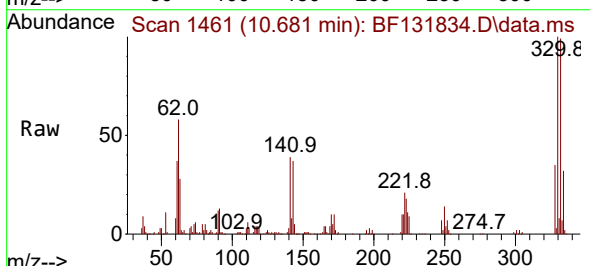
Tgt Ion:248 Resp: 18758

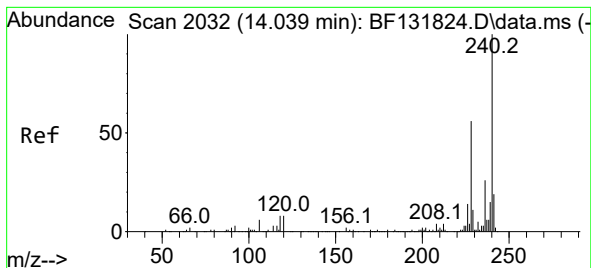
Ion Ratio Lower Upper

248 100

250 195.5 78.0 117.0#

141 545.4 54.8 82.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF131834.D

Acq: 27 Dec 2022 12:46

Instrument :

BNA_F

ClientSampleId :

PB149924BL

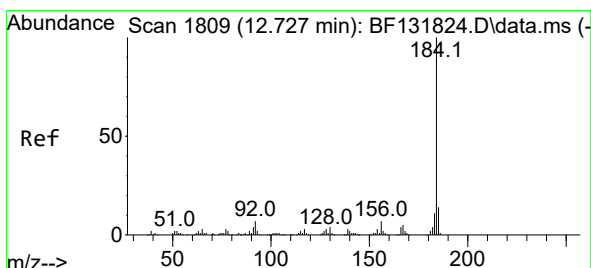
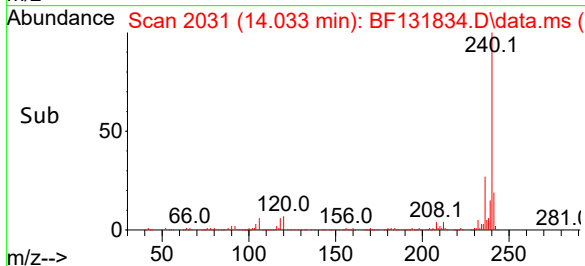
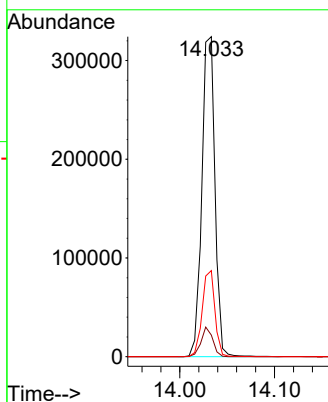
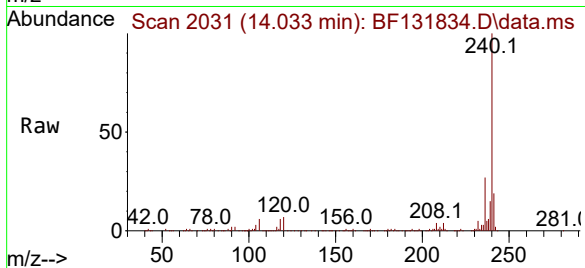
Tgt Ion:240 Resp: 312735

Ion Ratio Lower Upper

240 100

120 6.8 6.7 10.1

236 26.9 20.6 31.0



#77

Benzidine

Concen: 4.543 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF131834.D

Acq: 27 Dec 2022 12:46

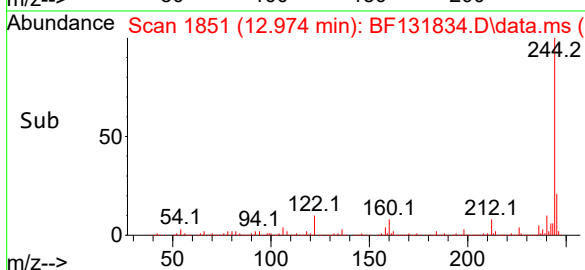
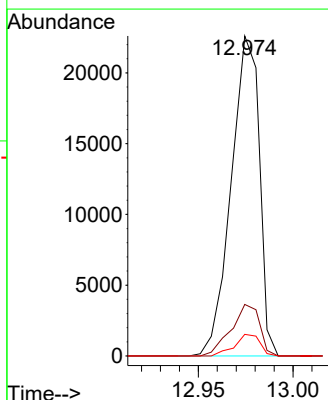
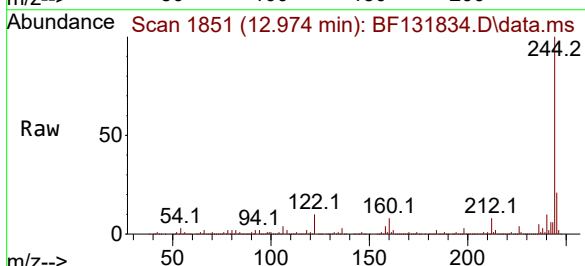
Tgt Ion:184 Resp: 23349

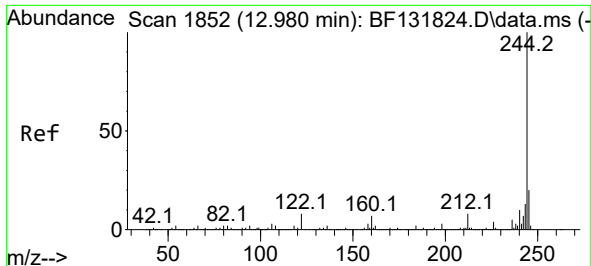
Ion Ratio Lower Upper

184 100

185 16.1 11.6 17.4

183 6.8 9.0 13.4#

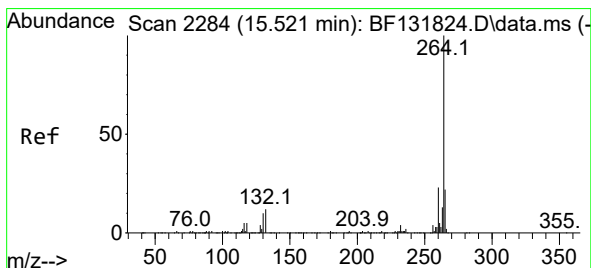
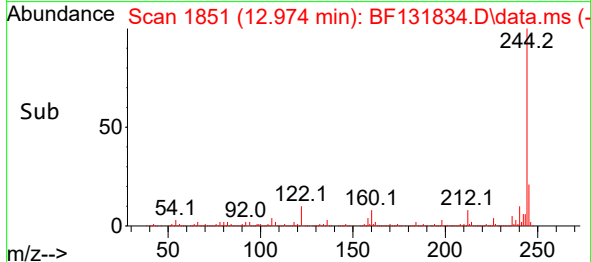
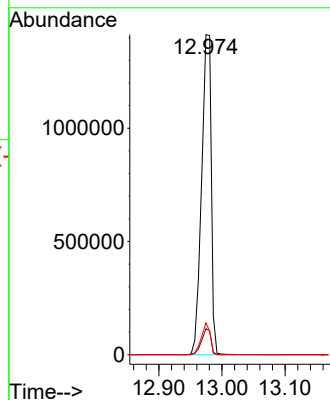
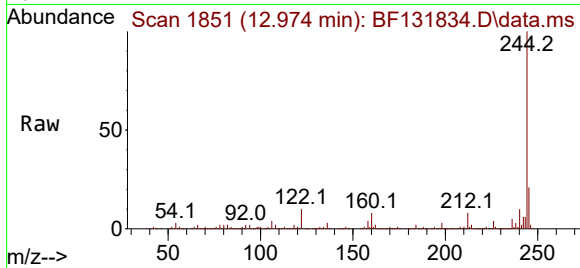




#79
 Terphenyl-d14
 Concen: 81.235 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF131834.D
 Acq: 27 Dec 2022 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB149924BL

Tgt Ion:244 Resp: 1501901
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 9.9 6.4 9.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF131834.D
 Acq: 27 Dec 2022 12:46

Tgt Ion:264 Resp: 243095
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.6 28.0
 265 21.4 17.4 26.0

