

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131936.D
 Acq On : 06 Jan 2023 12:00
 Operator : CG\JU
 Sample : PB150012TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 00:19:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 23:58:27 2023
 Response via : Initial Calibration

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

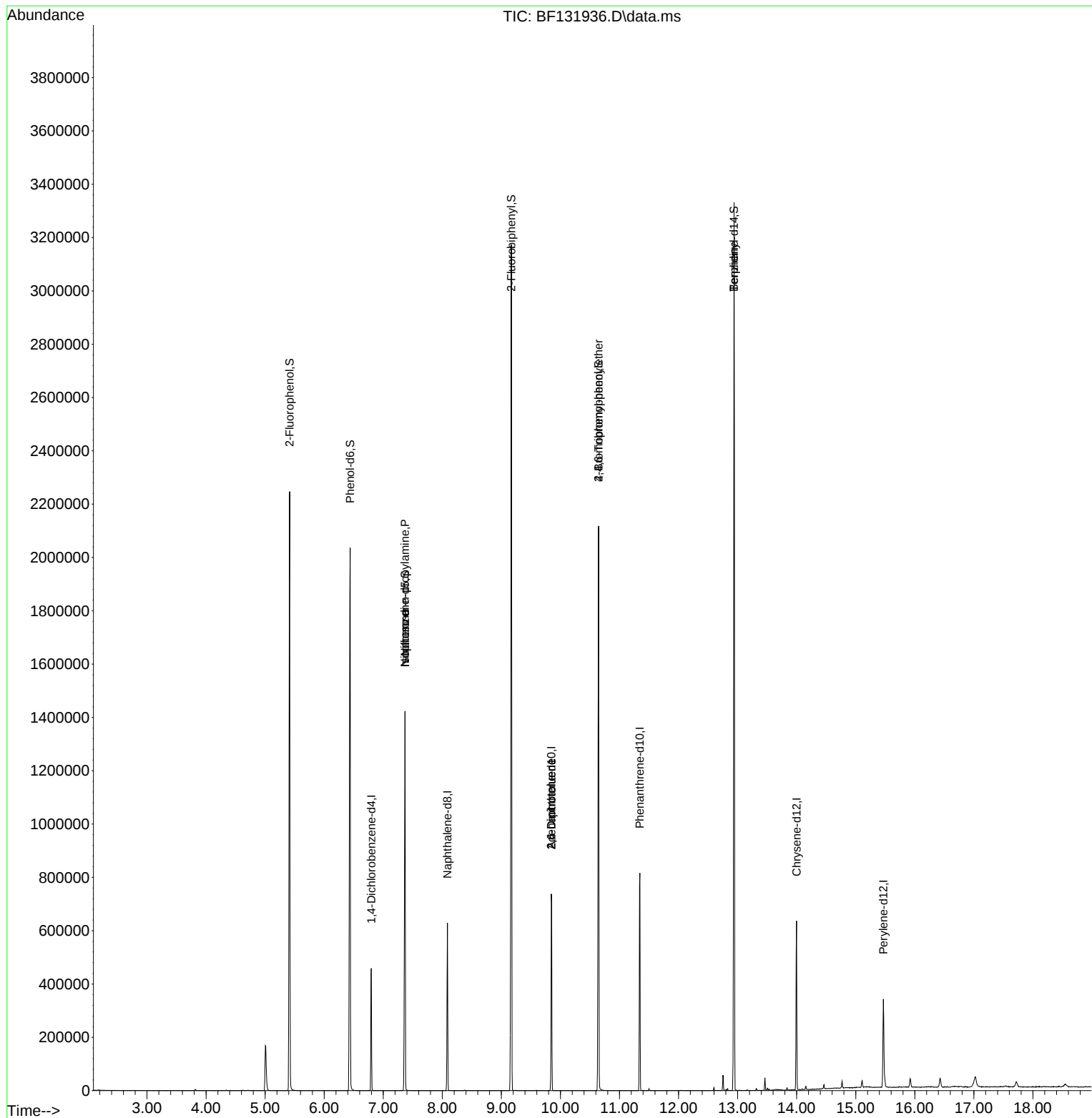
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	65448	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	248755	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	154339	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	305606	20.000	ng	0.00
76) Chrysene-d12	13.998	240	212483	20.000	ng	0.00
86) Perylene-d12	15.468	264	142368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	559257	141.610	ng	0.02
7) Phenol-d6	6.439	99	736180	141.884	ng	0.00
23) Nitrobenzene-d5	7.369	82	499384	80.152	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	214217	127.746	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	905553	80.366	ng	0.00
79) Terphenyl-d14	12.939	244	1149990	91.548	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	69379	18.933	ng	# 79
25) Isophorone	7.369	82	499380	49.080	ng	# 69
51) 2,6-Dinitrotoluene	9.845	165	20045	7.930	ng	# 17
57) 2,4-Dinitrotoluene	9.845	165	20045	5.799	ng	# 17
67) 4-Bromophenyl-phenylether	10.645	248	14874	4.199	ng	# 1
77) Benzidine	12.939	184	18080	5.178	ng	# 93

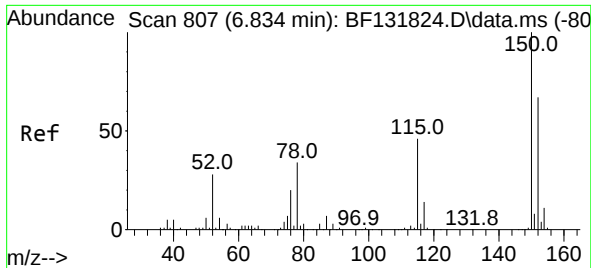
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 23:58:27 2023
Response via : Initial Calibration

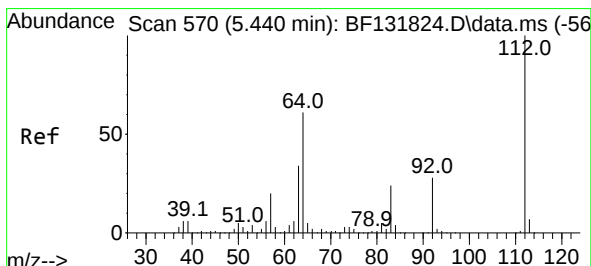
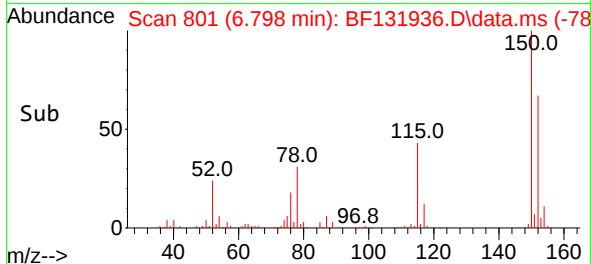
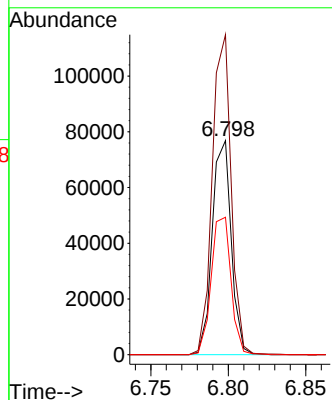
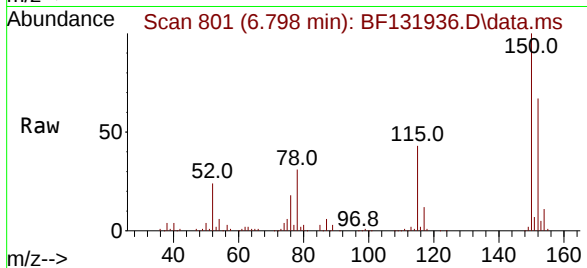




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

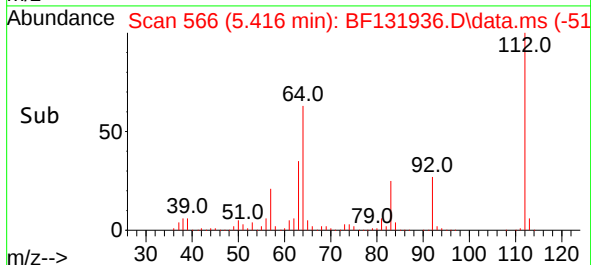
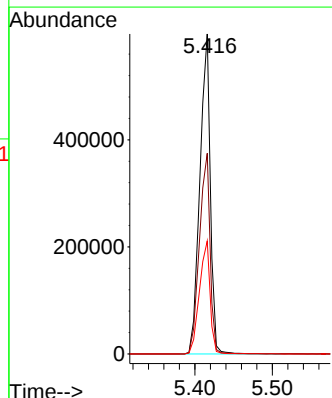
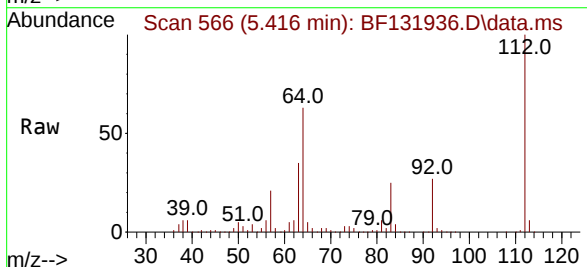
Instrument :
BNA_F
ClientSampleId :

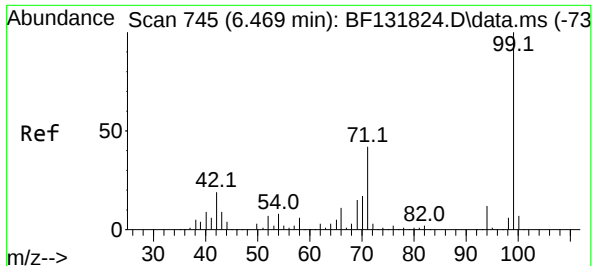
Tgt Ion:152 Resp: 65448
Ion Ratio Lower Upper
152 100
150 149.5 120.0 180.0
115 64.2 55.1 82.7



#5
2-Fluorophenol
Concen: 141.610 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

Tgt Ion:112 Resp: 559257
Ion Ratio Lower Upper
112 100
64 62.7 49.2 73.8
63 35.3 27.5 41.3

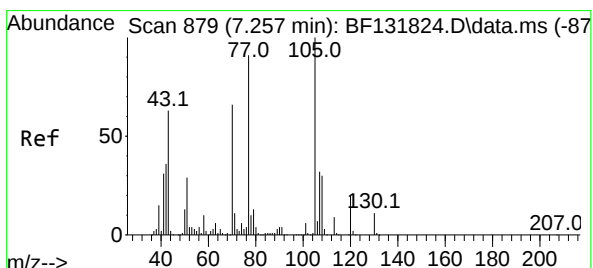
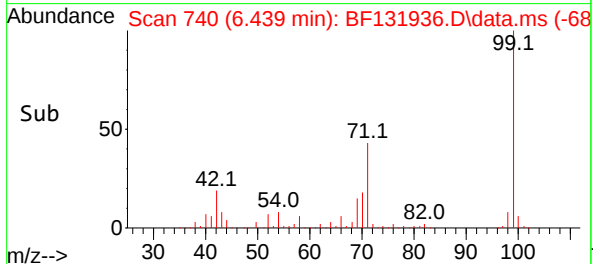
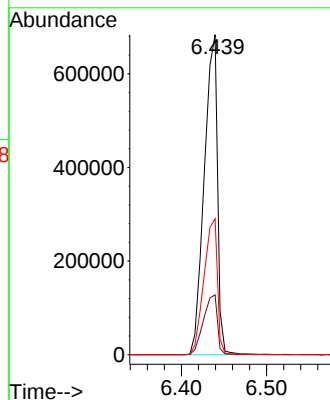
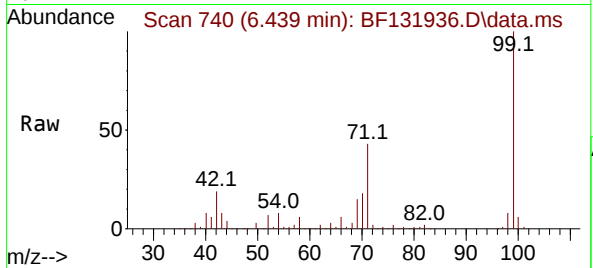




#7
Phenol-d6
Concen: 141.884 ng
RT: 6.439 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

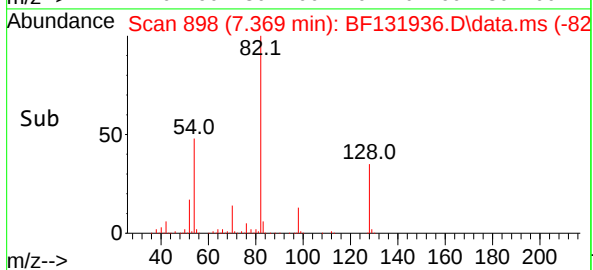
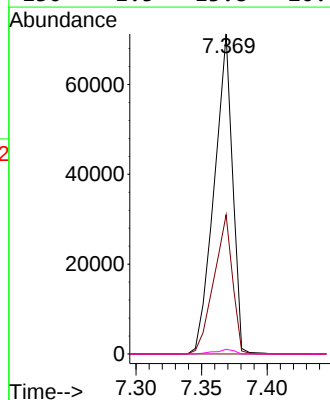
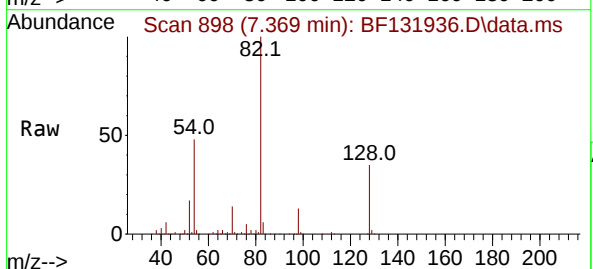
Instrument :
BNA_F
ClientSampleId :

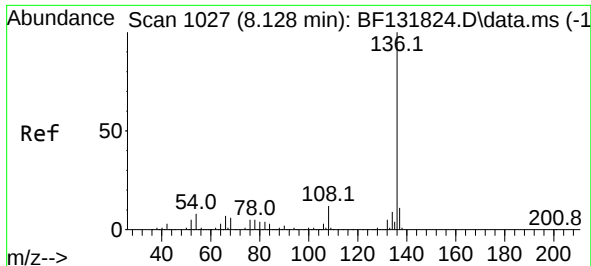
Tgt Ion: 99 Resp: 736180
Ion Ratio Lower Upper
99 100
42 18.7 15.3 22.9
71 42.5 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.933 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

Tgt Ion: 70 Resp: 69379
Ion Ratio Lower Upper
70 100
42 43.5 43.8 65.6#
101 0.0 7.4 11.0#
130 1.5 13.8 20.6#



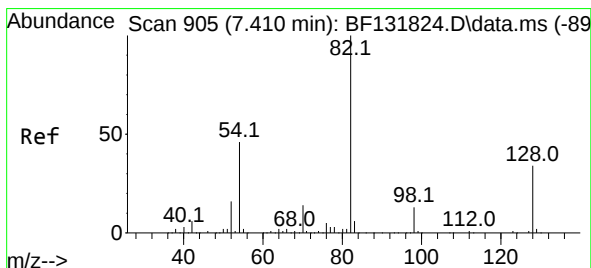
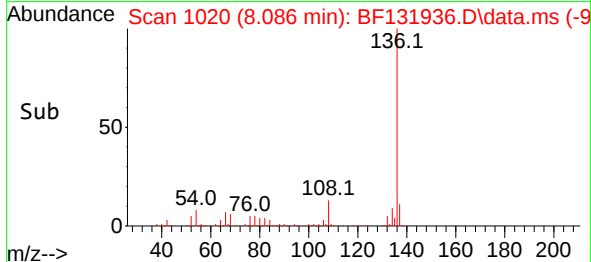
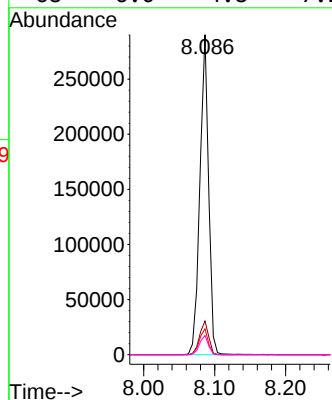
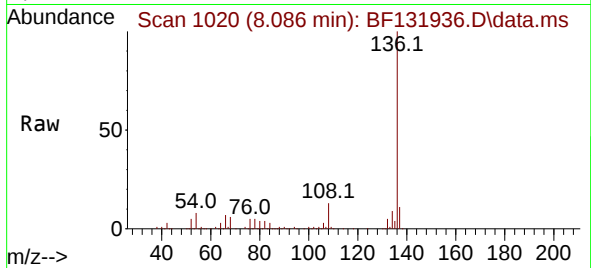


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 248755

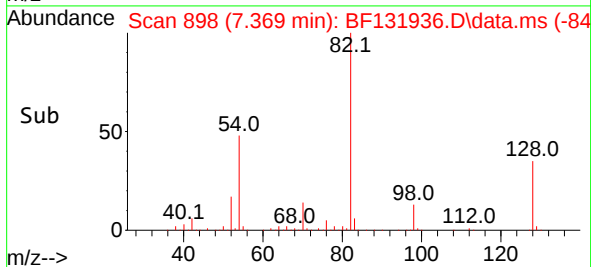
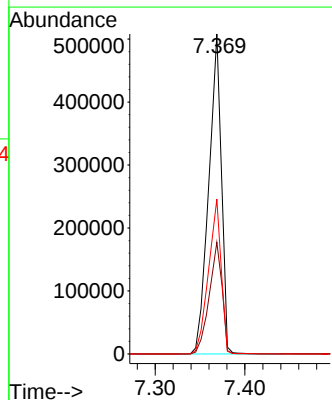
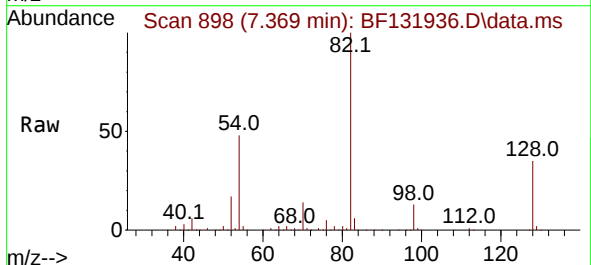
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	8.1	6.7	10.1
68	6.0	4.8	7.2

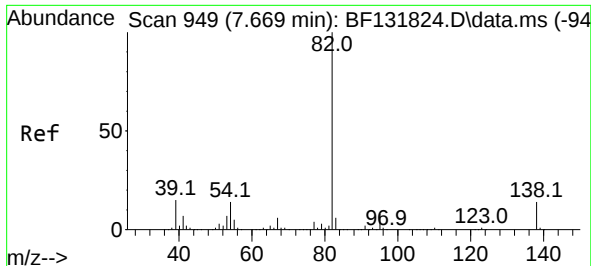


#23
Nitrobenzene-d5
Concen: 80.152 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

Tgt Ion: 82 Resp: 499384

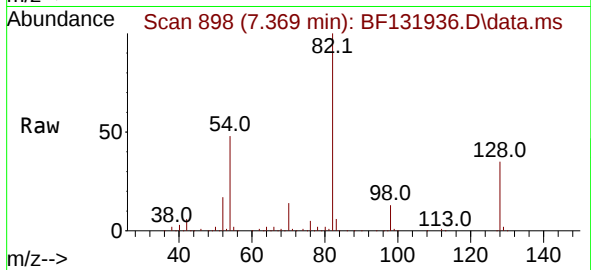
Ion	Ratio	Lower	Upper
82	100		
128	34.9	27.1	40.7
54	48.4	37.0	55.6



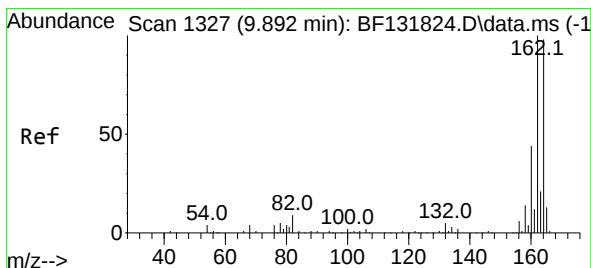
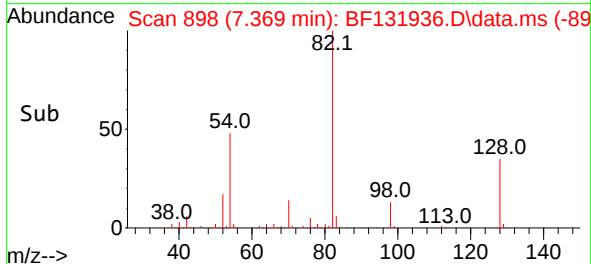
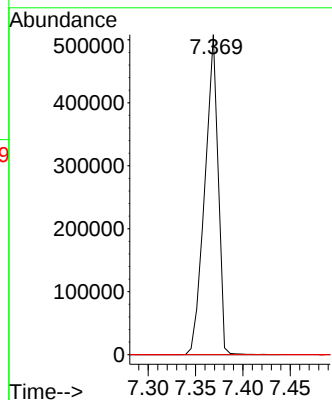


#25
Isophorone
Concen: 49.080 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

Instrument :
BNA_F
ClientSampleId :

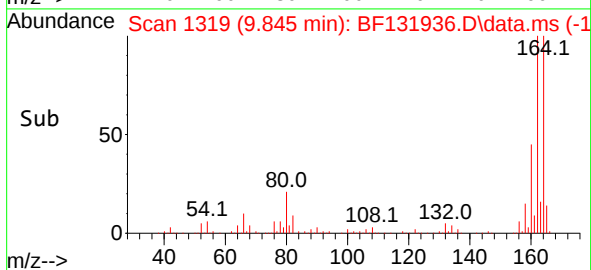
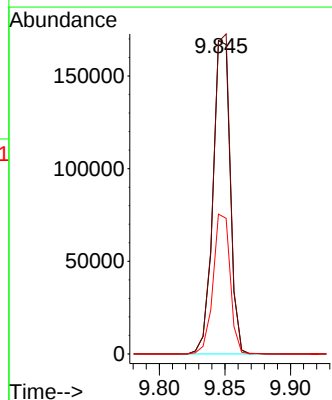
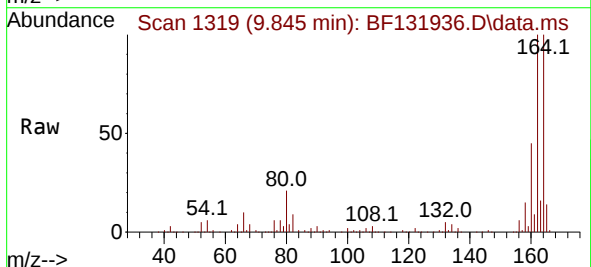


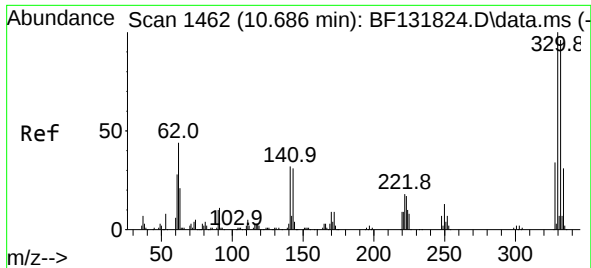
Tgt Ion: 82 Resp: 499380
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

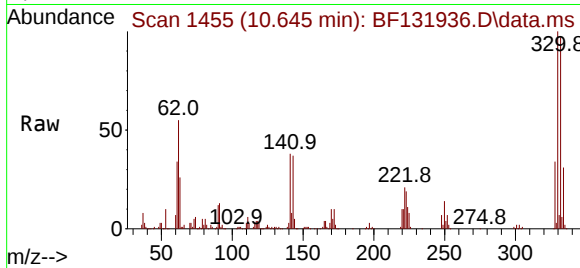
Tgt Ion: 164 Resp: 154339
Ion Ratio Lower Upper
164 100
162 99.6 81.8 122.6
160 44.7 35.7 53.5



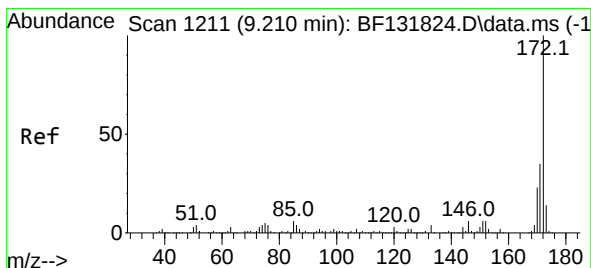
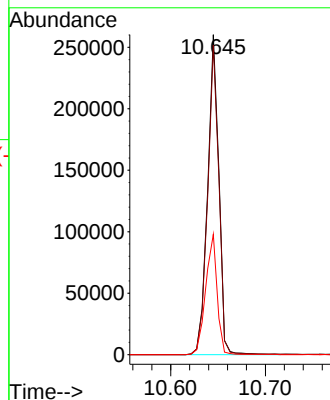
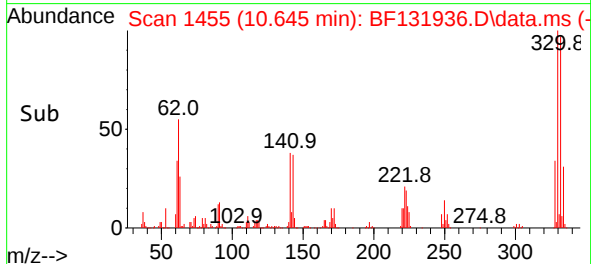


#42
2,4,6-Tribromophenol
Concen: 127.746 ng
RT: 10.645 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

Instrument :
BNA_F
ClientSampleId :

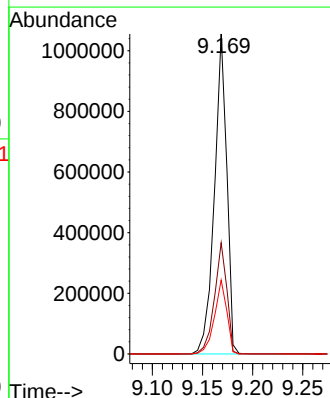
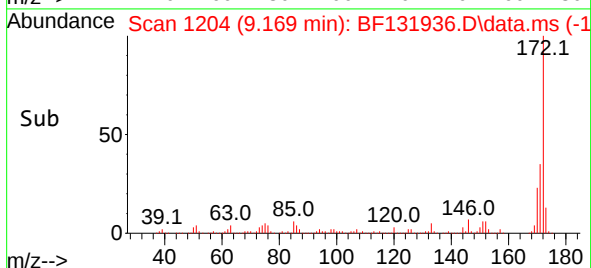
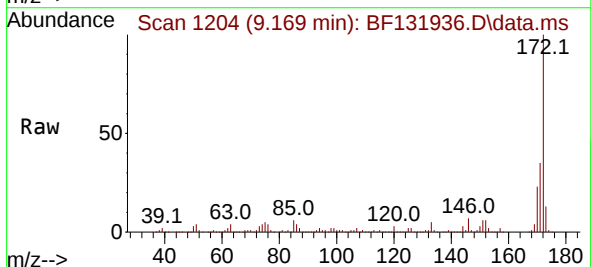


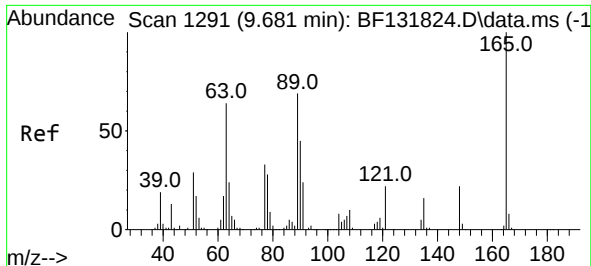
Tgt Ion:330 Resp: 214217
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 38.4 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 80.366 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

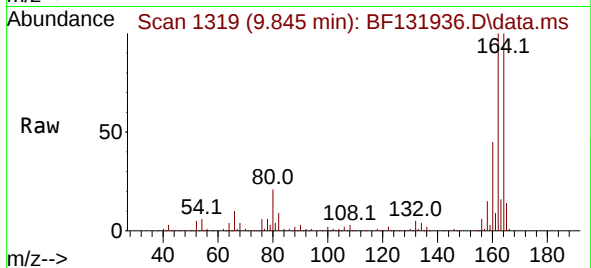
Tgt Ion:172 Resp: 905553
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.1 18.7 28.1



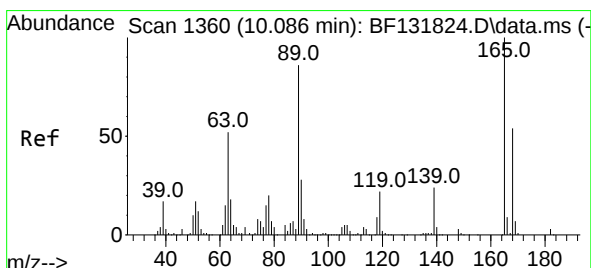
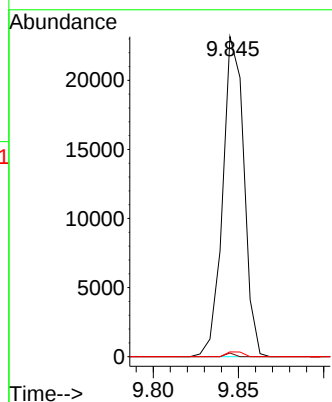
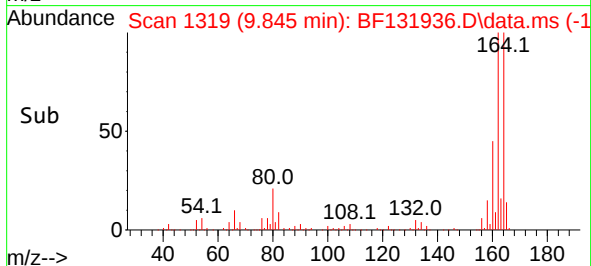


#51
2,6-Dinitrotoluene
Concen: 7.930 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

Instrument :
BNA_F
ClientSampleId :

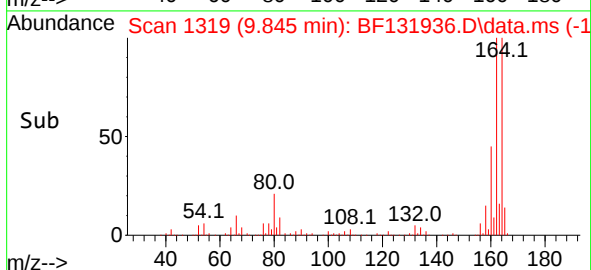
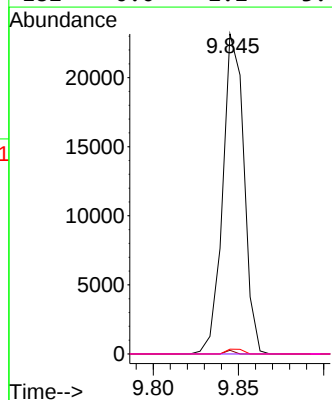
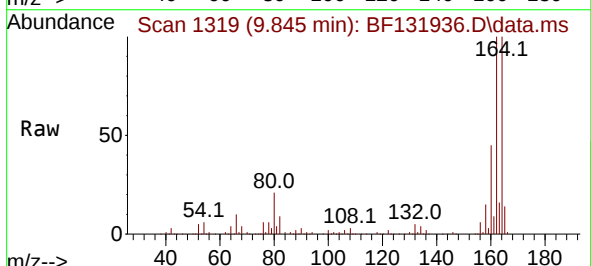


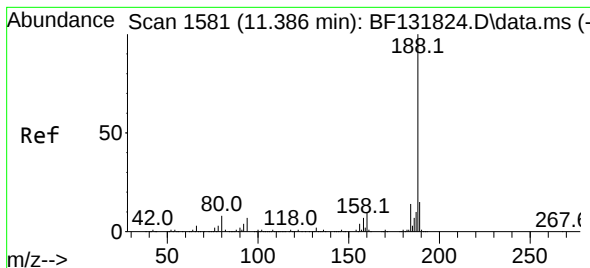
Tgt Ion:165 Resp: 20045
Ion Ratio Lower Upper
165 100
63 1.2 55.1 82.7#
89 1.5 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.799 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.206 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

Tgt Ion:165 Resp: 20045
Ion Ratio Lower Upper
165 100
63 1.2 42.1 63.1#
89 1.5 69.1 103.7#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131936.D

Acq: 06 Jan 2023 12:00

Instrument :

BNA_F

ClientSampleId :

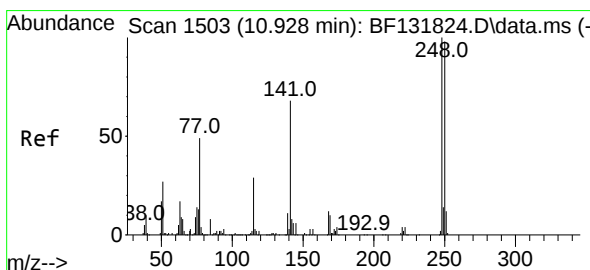
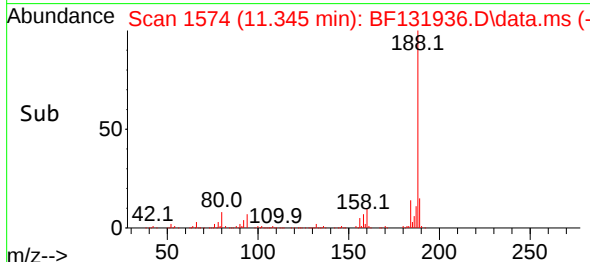
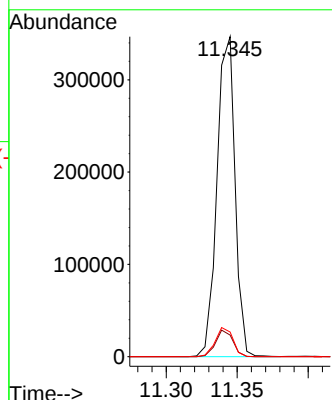
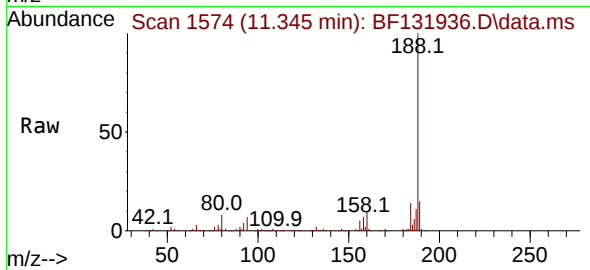
Tgt Ion:188 Resp: 305606

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.6

80 7.7 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 4.199 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.241 min

Lab File: BF131936.D

Acq: 06 Jan 2023 12:00

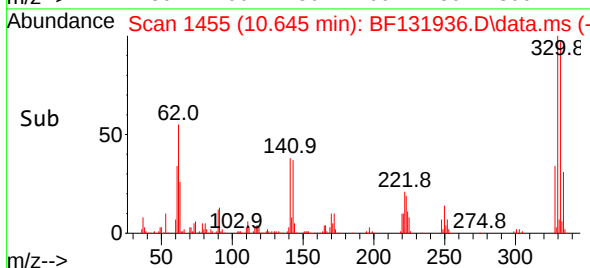
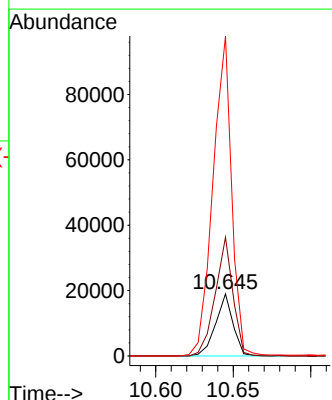
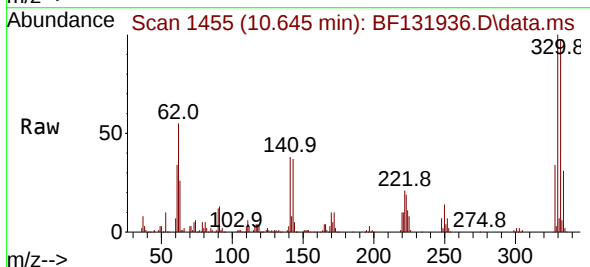
Tgt Ion:248 Resp: 14874

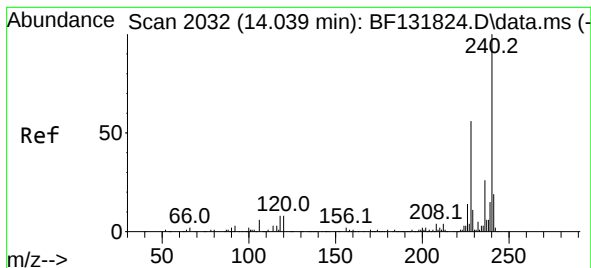
Ion Ratio Lower Upper

248 100

250 191.0 78.0 117.0#

141 514.9 54.8 82.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF131936.D

Acq: 06 Jan 2023 12:00

Instrument :

BNA_F

ClientSampleId :

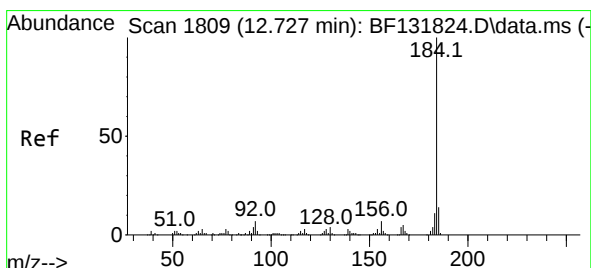
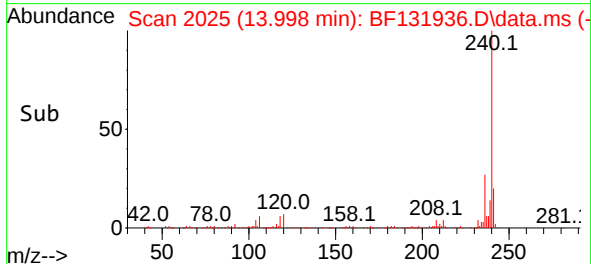
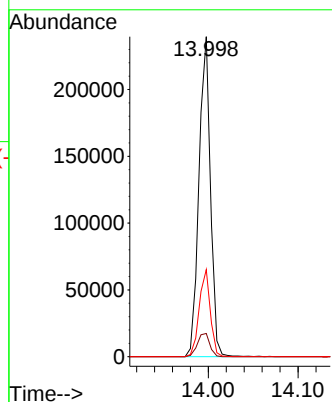
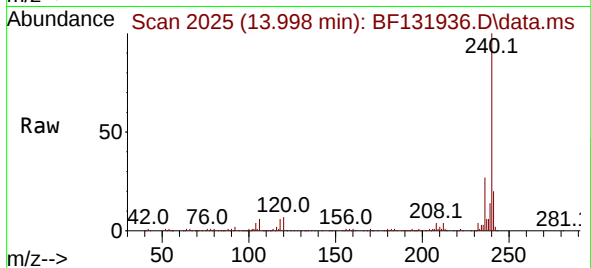
Tgt Ion:240 Resp: 212483

Ion Ratio Lower Upper

240 100

120 7.3 6.7 10.1

236 27.2 20.6 31.0



#77

Benzidine

Concen: 5.178 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.253 min

Lab File: BF131936.D

Acq: 06 Jan 2023 12:00

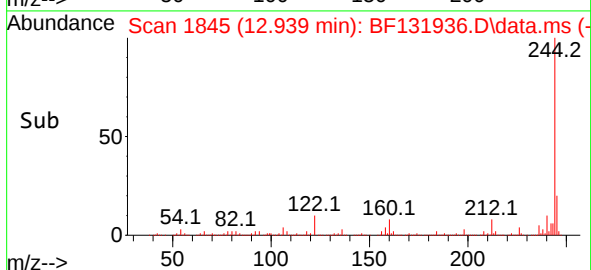
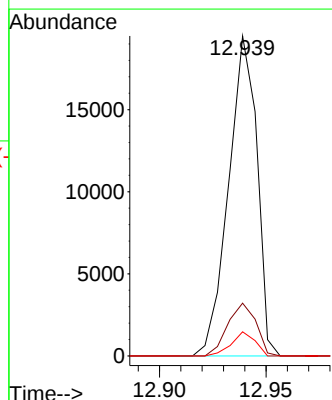
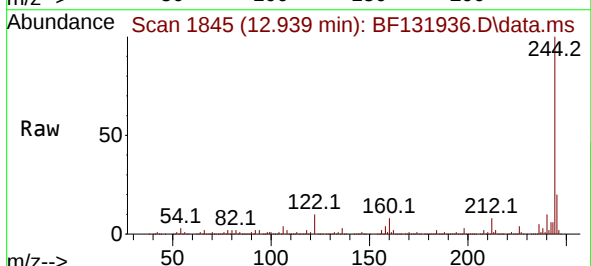
Tgt Ion:184 Resp: 18080

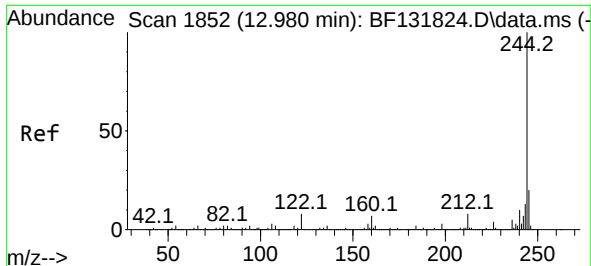
Ion Ratio Lower Upper

184 100

185 16.5 11.6 17.4

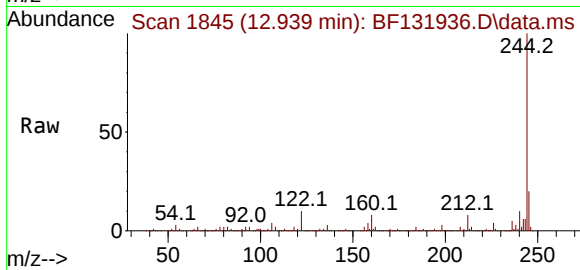
183 7.6 9.0 13.4#



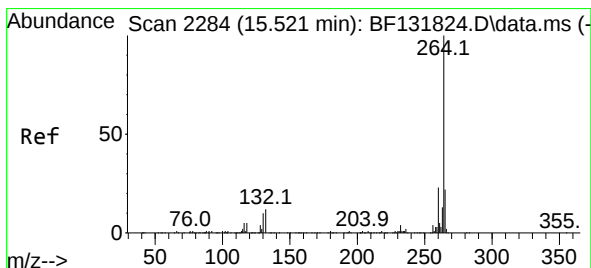
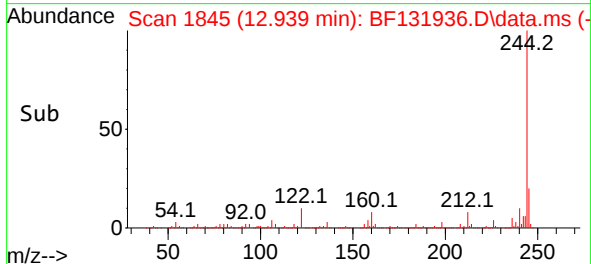
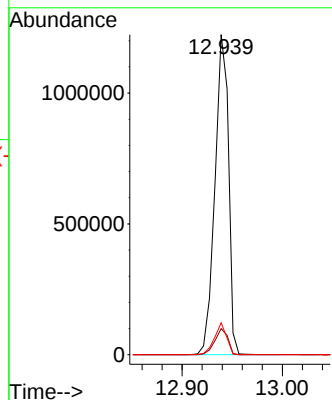


#79
 Terphenyl-d14
 Concen: 91.548 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131936.D
 Acq: 06 Jan 2023 12:00

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1149990
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.9 6.4 9.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.000 min
 Lab File: BF131936.D
 Acq: 06 Jan 2023 12:00

Tgt Ion:264 Resp: 142368
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.8 17.4 26.0

