

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131838.D
 Acq On : 27 Dec 2022 15:52
 Operator : CG\JU
 Sample : N6196-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3049

Quant Time: Dec 28 00:34:53 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)

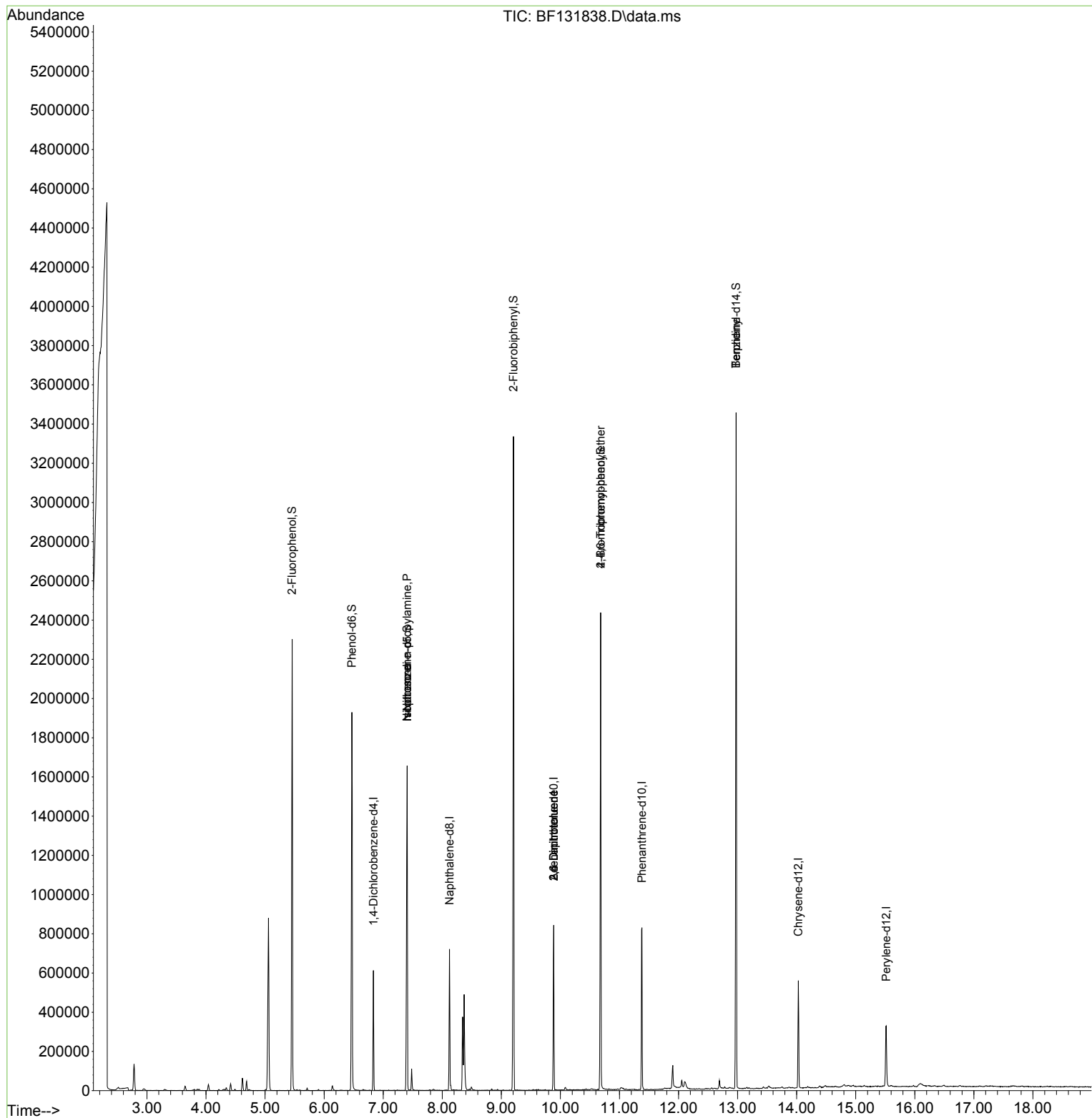
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	74916	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	274015	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	156870	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	309490	20.000	ng	0.00
76) Chrysene-d12	14.027	240	167187	20.000	ng	-0.01
86) Perylene-d12	15.515	264	152773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	582645	128.887	ng	0.02
7) Phenol-d6	6.469	99	702748	118.323	ng	0.00
23) Nitrobenzene-d5	7.404	82	577009	84.074	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	256410	150.440	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1020257	89.085	ng	0.00
79) Terphenyl-d14	12.974	244	1183252	119.716	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	80179	19.115	ng	# 78
25) Isophorone	7.404	82	576988	51.480	ng	# 69
51) 2,6-Dinitrotoluene	9.886	165	20500	7.980	ng	# 18
57) 2,4-Dinitrotoluene	9.886	165	20500	5.835	ng	# 17
67) 4-Bromophenyl-phenylether	10.681	248	17907	4.992	ng	# 1
77) Benzidine	12.974	184	17858	6.500	ng	# 92

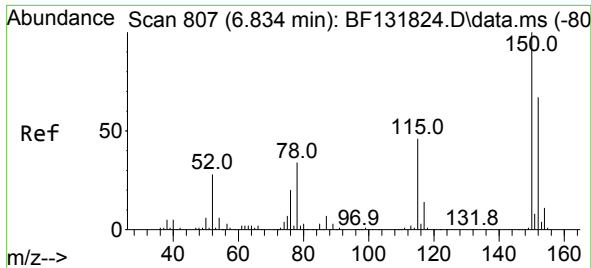
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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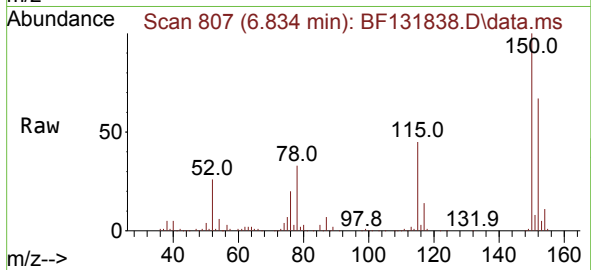
Quant Time: Dec 28 00:34:53 2022
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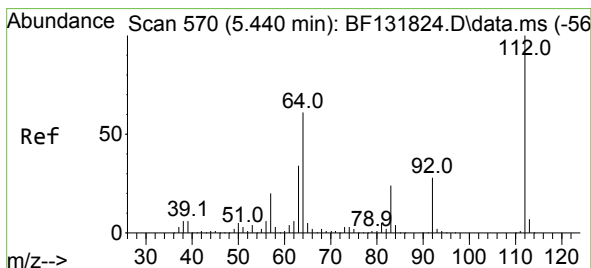
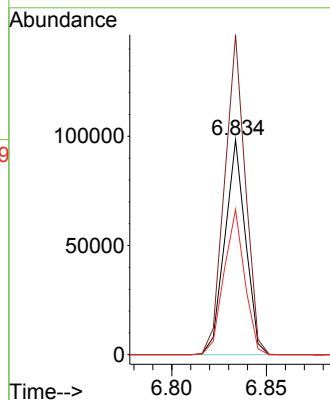
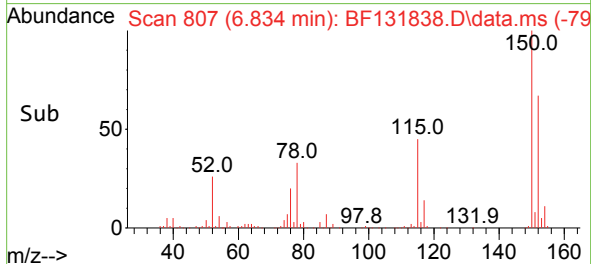


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131838.D
Acq: 27 Dec 2022 15:52

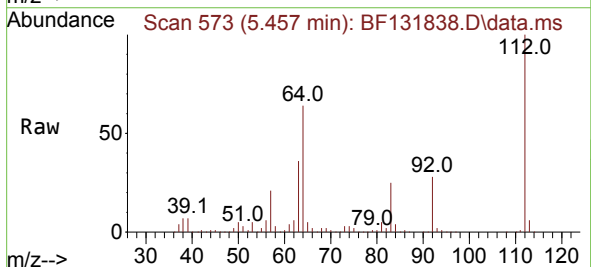
Instrument :
BNA_F
ClientSampleId :
COMP-3049



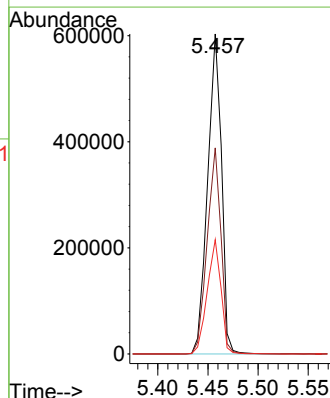
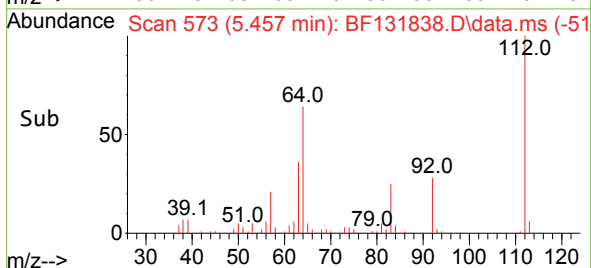
Tgt Ion:152 Resp: 74916
Ion Ratio Lower Upper
152 100
150 148.8 120.0 180.0
115 67.5 55.1 82.7

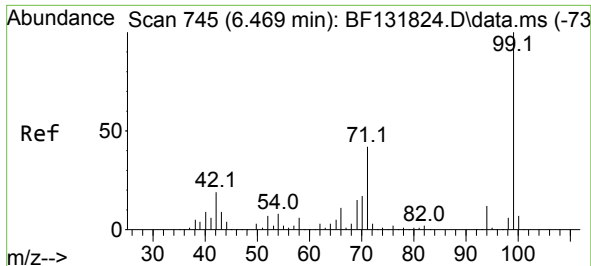


#5
2-Fluorophenol
Concen: 128.887 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF131838.D
Acq: 27 Dec 2022 15:52



Tgt Ion:112 Resp: 582645
Ion Ratio Lower Upper
112 100
64 64.4 49.2 73.8
63 35.7 27.5 41.3

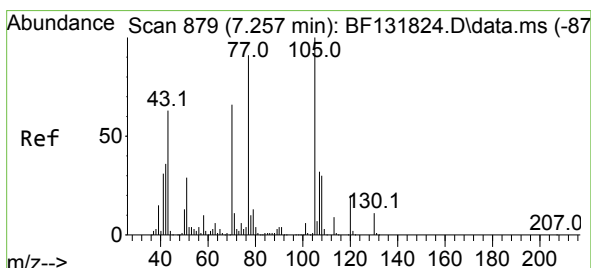
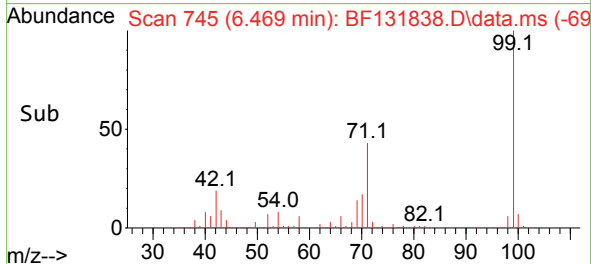
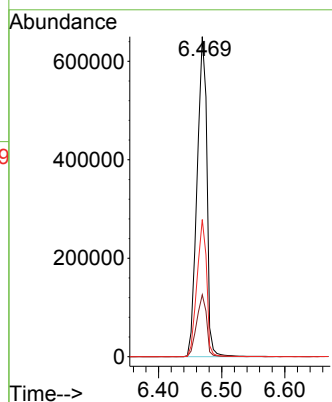
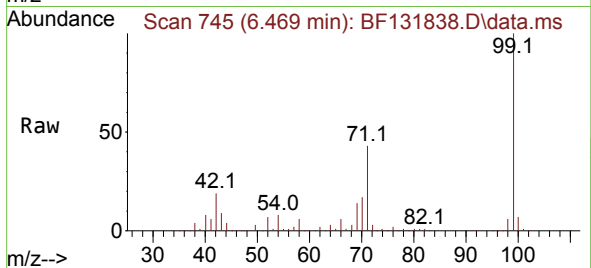




#7
Phenol-d6
Concen: 118.323 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131838.D
Acq: 27 Dec 2022 15:52

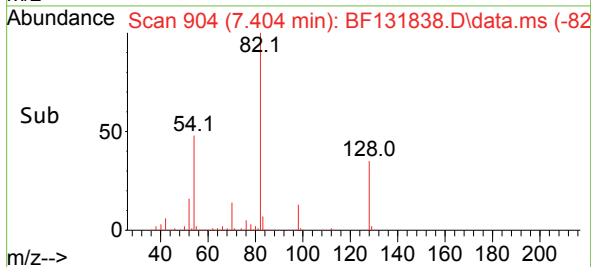
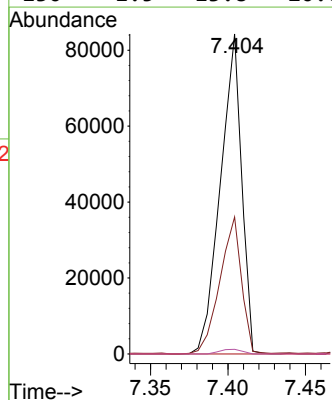
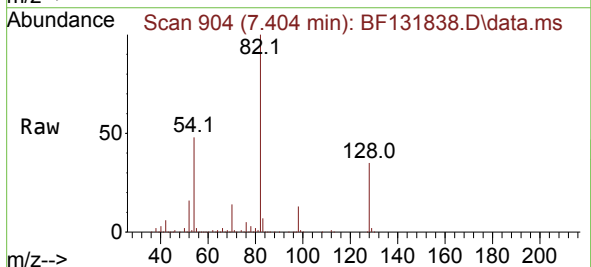
Instrument :
BNA_F
ClientSampleId :
COMP-3049

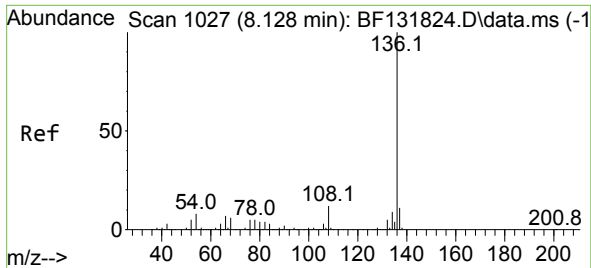
Tgt Ion: 99 Resp: 702748
Ion Ratio Lower Upper
99 100
42 19.4 15.3 22.9
71 42.9 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.115 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF131838.D
Acq: 27 Dec 2022 15:52

Tgt Ion: 70 Resp: 80179
Ion Ratio Lower Upper
70 100
42 42.8 43.8 65.6#
101 0.0 7.4 11.0#
130 1.5 13.8 20.6#



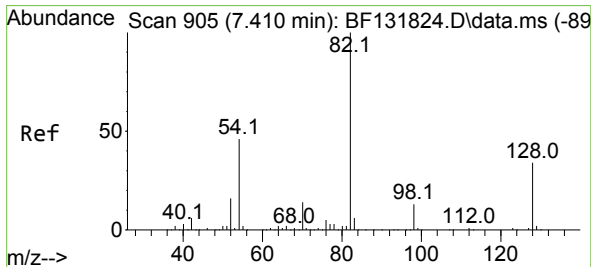
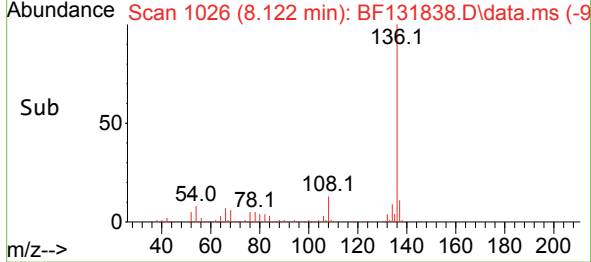
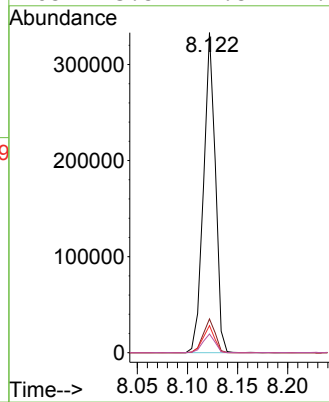
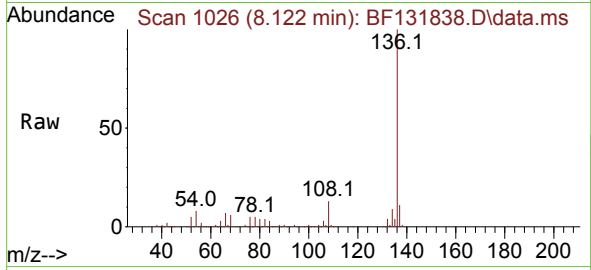


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131838.D
Acq: 27 Dec 2022 15:52

Instrument :
BNA_F
ClientSampleId :
COMP-3049

Tgt Ion:136 Resp: 274015

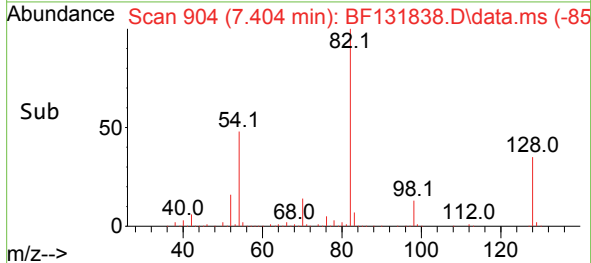
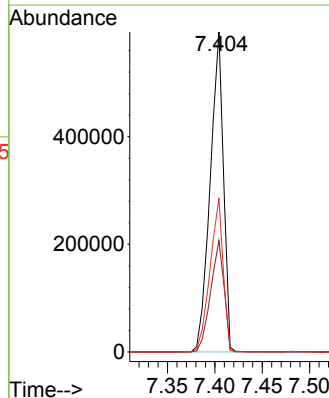
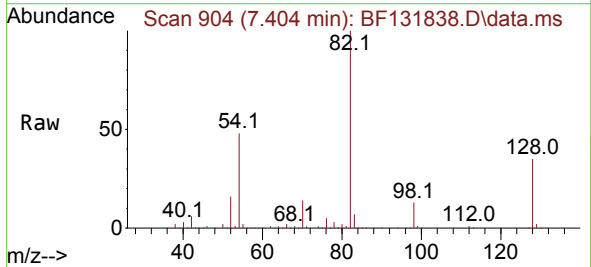
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	8.5	6.7	10.1
68	5.8	4.8	7.2

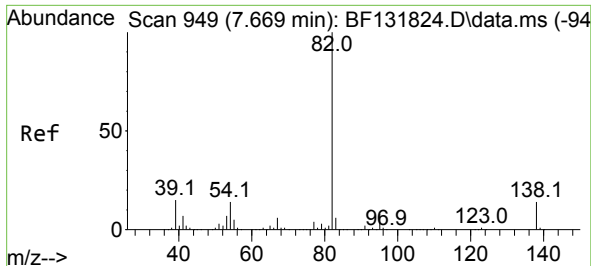


#23
Nitrobenzene-d5
Concen: 84.074 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF131838.D
Acq: 27 Dec 2022 15:52

Tgt Ion: 82 Resp: 577009

Ion	Ratio	Lower	Upper
82	100		
128	34.8	27.1	40.7
54	48.1	37.0	55.6

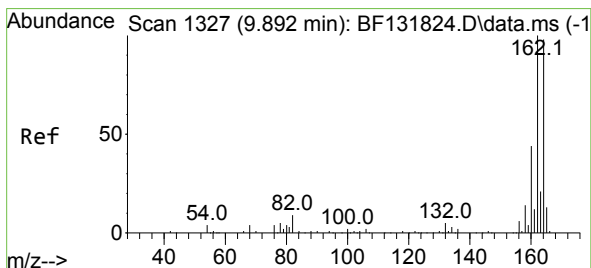
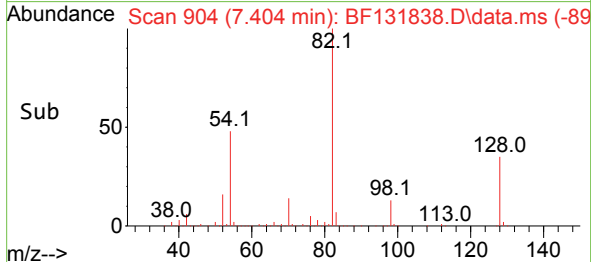
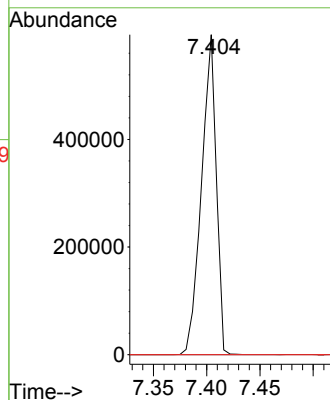
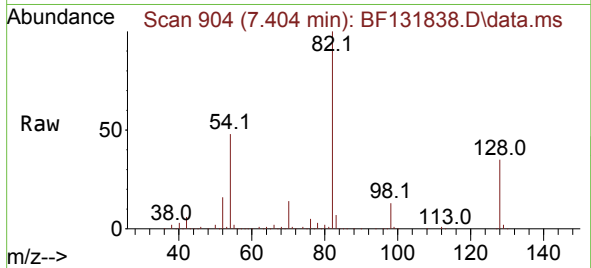




#25
Isophorone
Concen: 51.480 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF131838.D
Acq: 27 Dec 2022 15:52

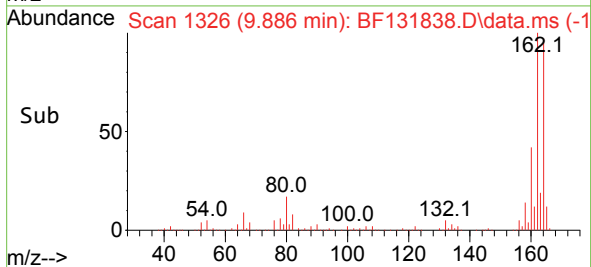
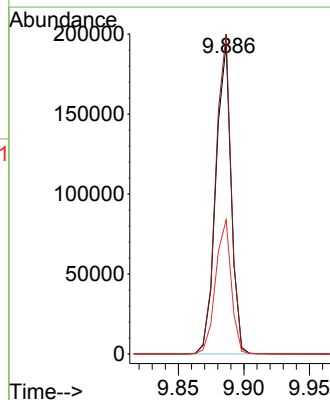
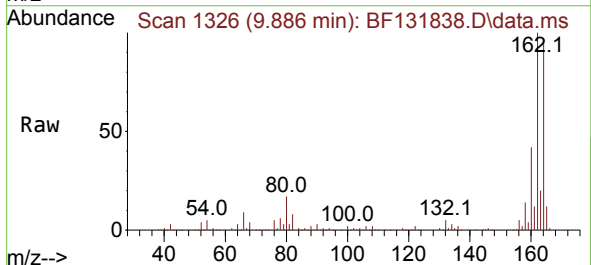
Instrument :
BNA_F
ClientSampleId :
COMP-3049

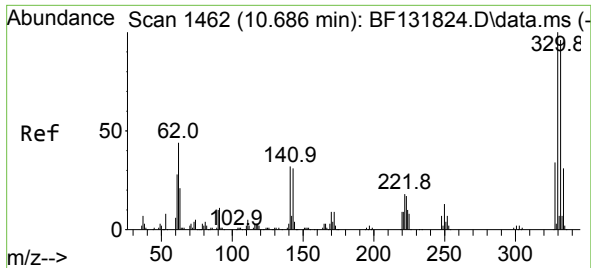
Tgt Ion: 82 Resp: 576988
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131838.D
Acq: 27 Dec 2022 15:52

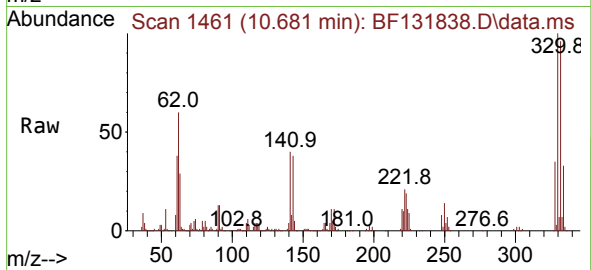
Tgt Ion:164 Resp: 156870
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 43.3 35.7 53.5



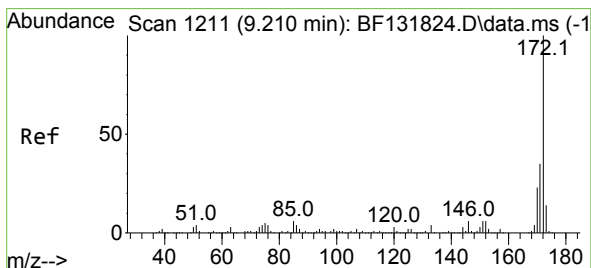
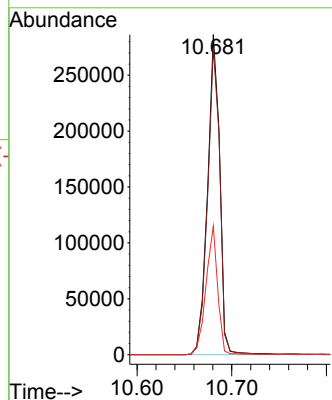
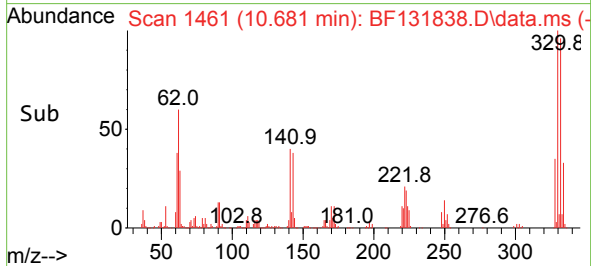


#42
2,4,6-Tribromophenol
Concen: 150.440 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF131838.D
Acq: 27 Dec 2022 15:52

Instrument :
BNA_F
ClientSampleId :
COMP-3049

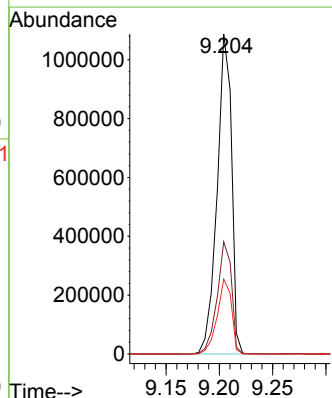
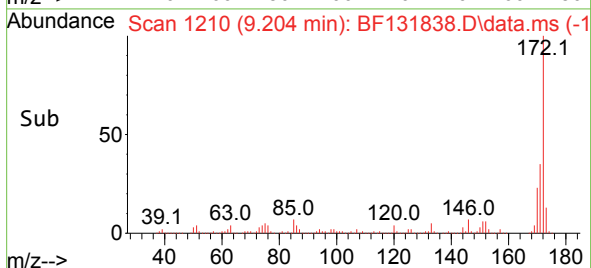
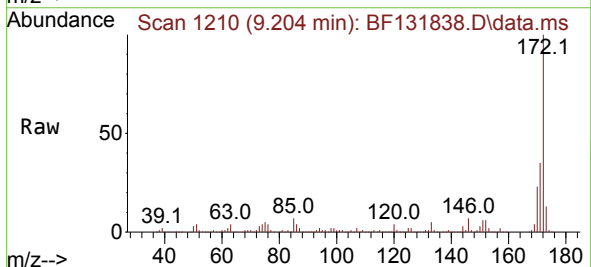


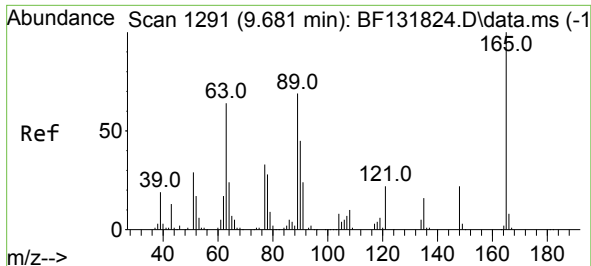
Tgt Ion:330 Resp: 256410
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 38.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 89.085 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF131838.D
Acq: 27 Dec 2022 15:52

Tgt Ion:172 Resp: 1020257
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.4 18.7 28.1

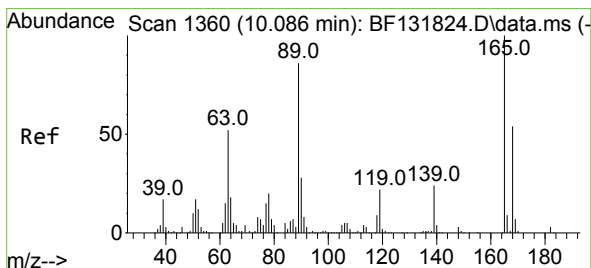
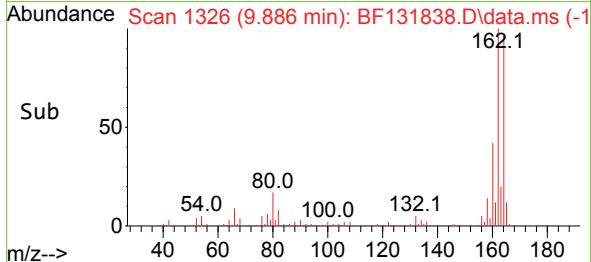
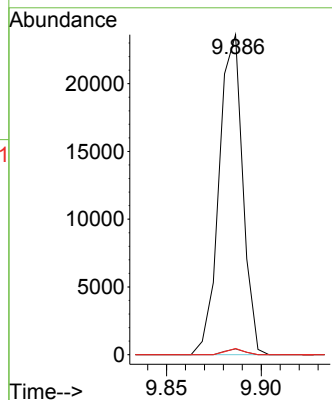
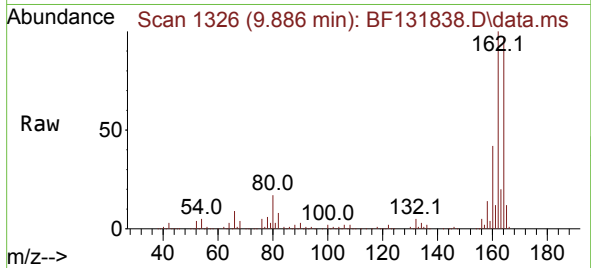




#51
2,6-Dinitrotoluene
Concen: 7.980 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131838.D
Acq: 27 Dec 2022 15:52

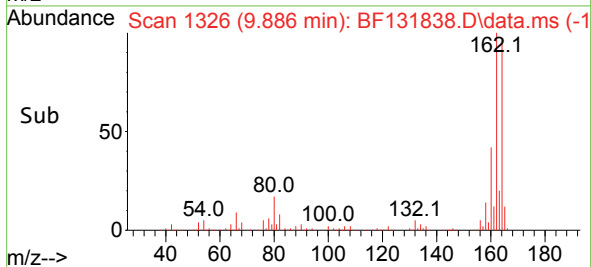
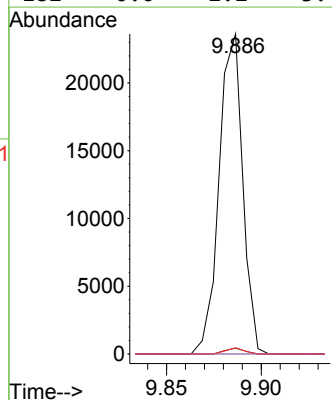
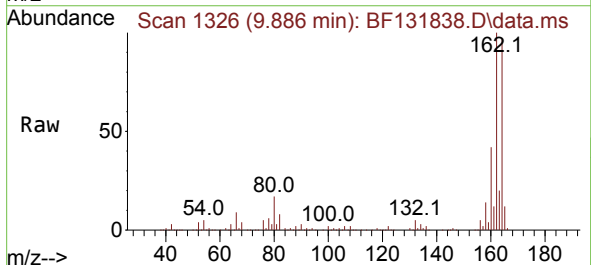
Instrument :
BNA_F
ClientSampleId :
COMP-3049

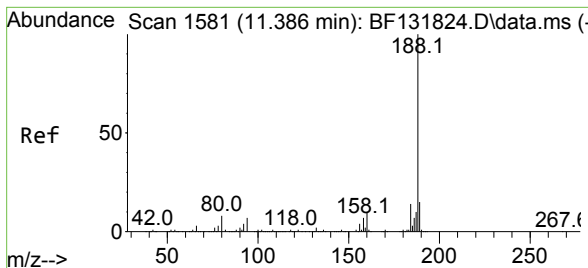
Tgt Ion:165 Resp: 20500
Ion Ratio Lower Upper
165 100
63 1.8 55.1 82.7#
89 1.9 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.835 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF131838.D
Acq: 27 Dec 2022 15:52

Tgt Ion:165 Resp: 20500
Ion Ratio Lower Upper
165 100
63 1.8 42.1 63.1#
89 1.9 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: BF131838.D

Acq: 27 Dec 2022 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-3049

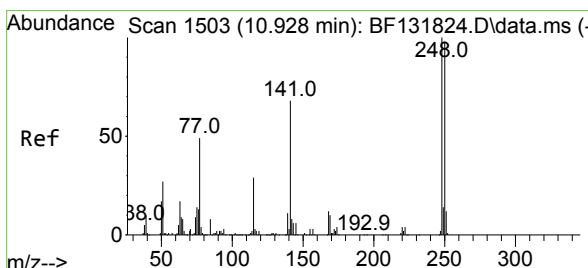
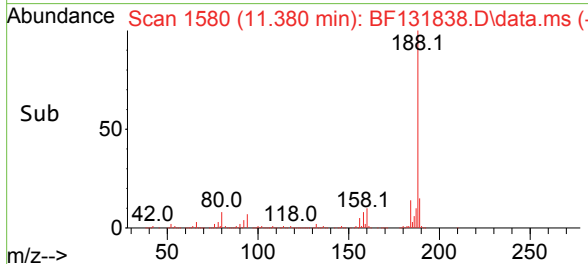
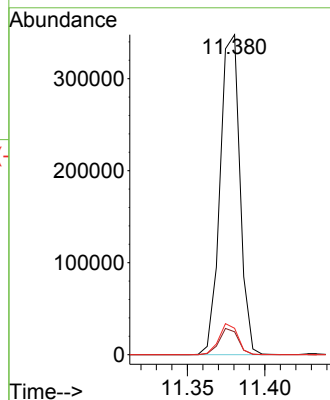
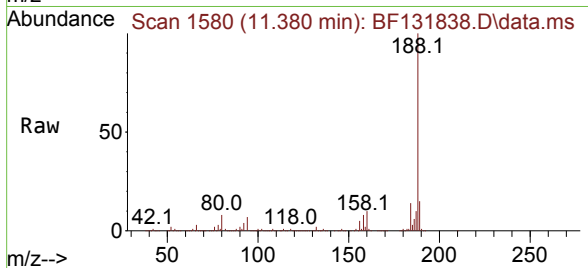
Tgt Ion:188 Resp: 309490

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

80 8.3 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 4.992 ng

RT: 10.681 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF131838.D

Acq: 27 Dec 2022 15:52

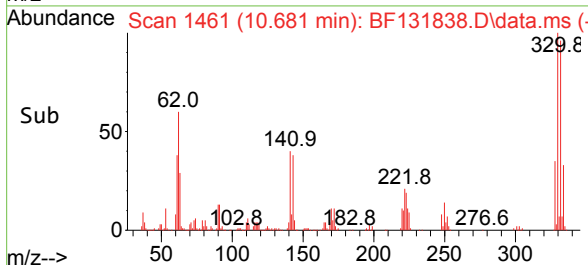
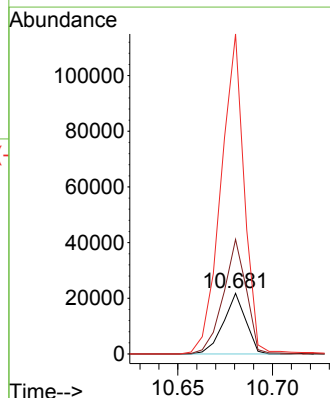
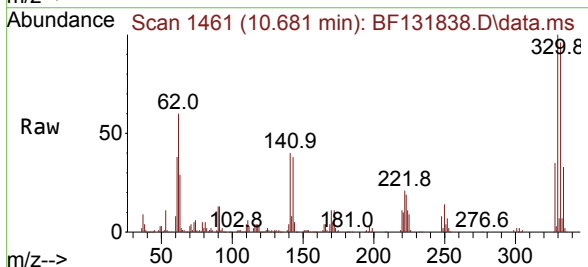
Tgt Ion:248 Resp: 17907

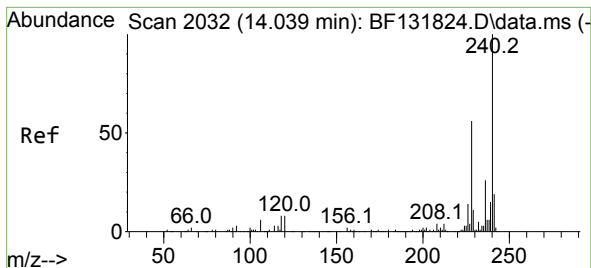
Ion Ratio Lower Upper

248 100

250 188.7 78.0 117.0#

141 527.0 54.8 82.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF131838.D

Acq: 27 Dec 2022 15:52

Instrument :

BNA_F

ClientSampleId :

COMP-3049

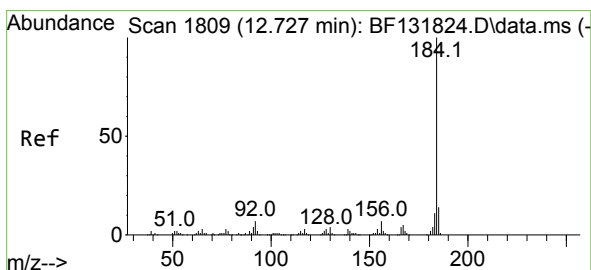
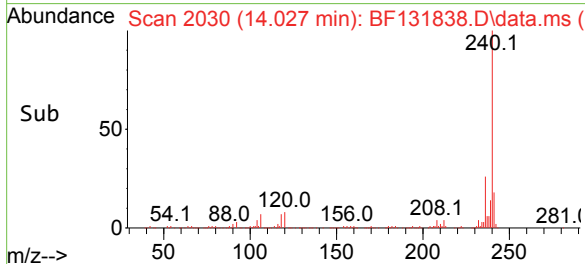
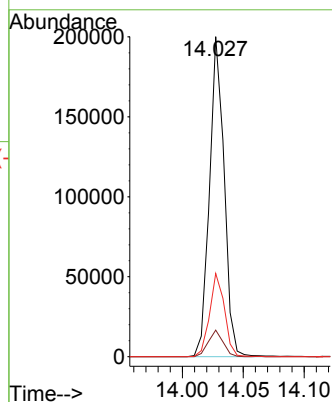
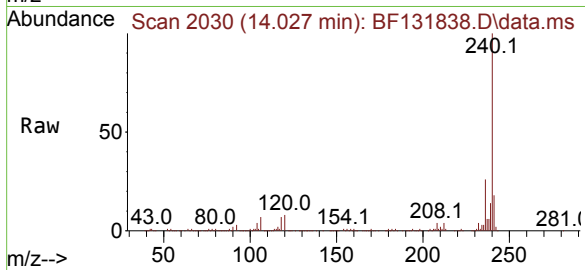
Tgt Ion:240 Resp: 167187

Ion Ratio Lower Upper

240 100

120 8.3 6.7 10.1

236 26.0 20.6 31.0



#77

Benzidine

Concen: 6.500 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF131838.D

Acq: 27 Dec 2022 15:52

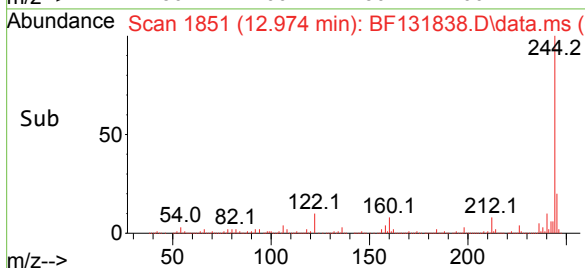
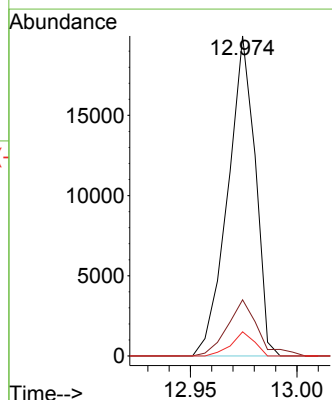
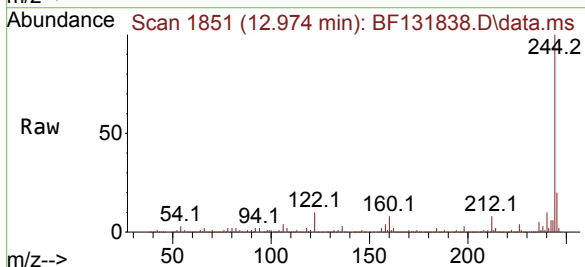
Tgt Ion:184 Resp: 17858

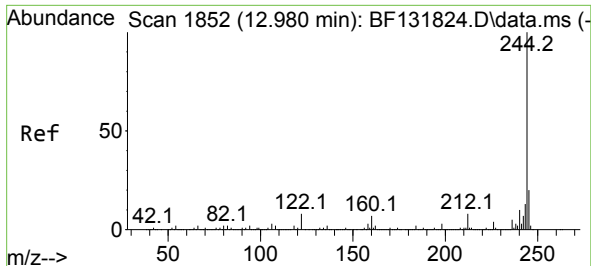
Ion Ratio Lower Upper

184 100

185 17.5 11.6 17.4#

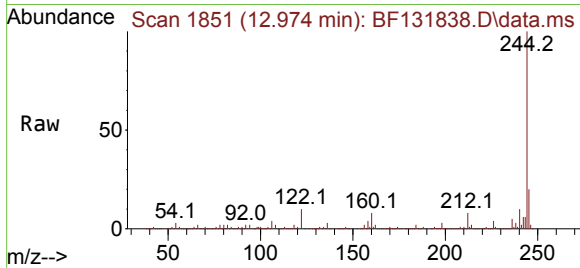
183 7.5 9.0 13.4#



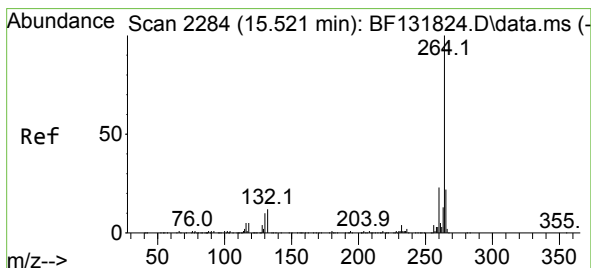
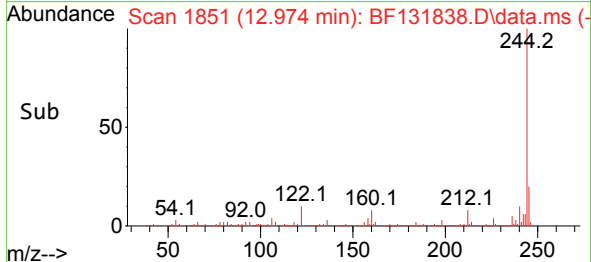
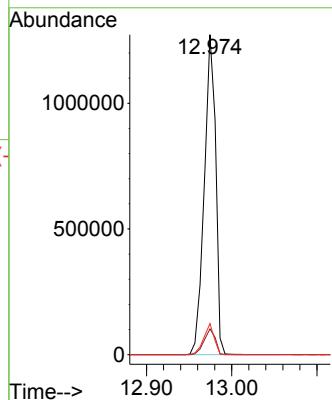


#79
 Terphenyl-d14
 Concen: 119.716 ng
 RT: 12.974 min Scan# 1183252
 Delta R.T. -0.006 min
 Lab File: BF131838.D
 Acq: 27 Dec 2022 15:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3049



Tgt Ion:244 Resp: 1183252
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.7 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: BF131838.D
 Acq: 27 Dec 2022 15:52

Tgt Ion:264 Resp: 152773
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 20.9 17.4 26.0

