

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131839.D
 Acq On : 27 Dec 2022 16:23
 Operator : CG\JU
 Sample : N6180-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3050

Quant Time: Dec 28 00:35:18 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)

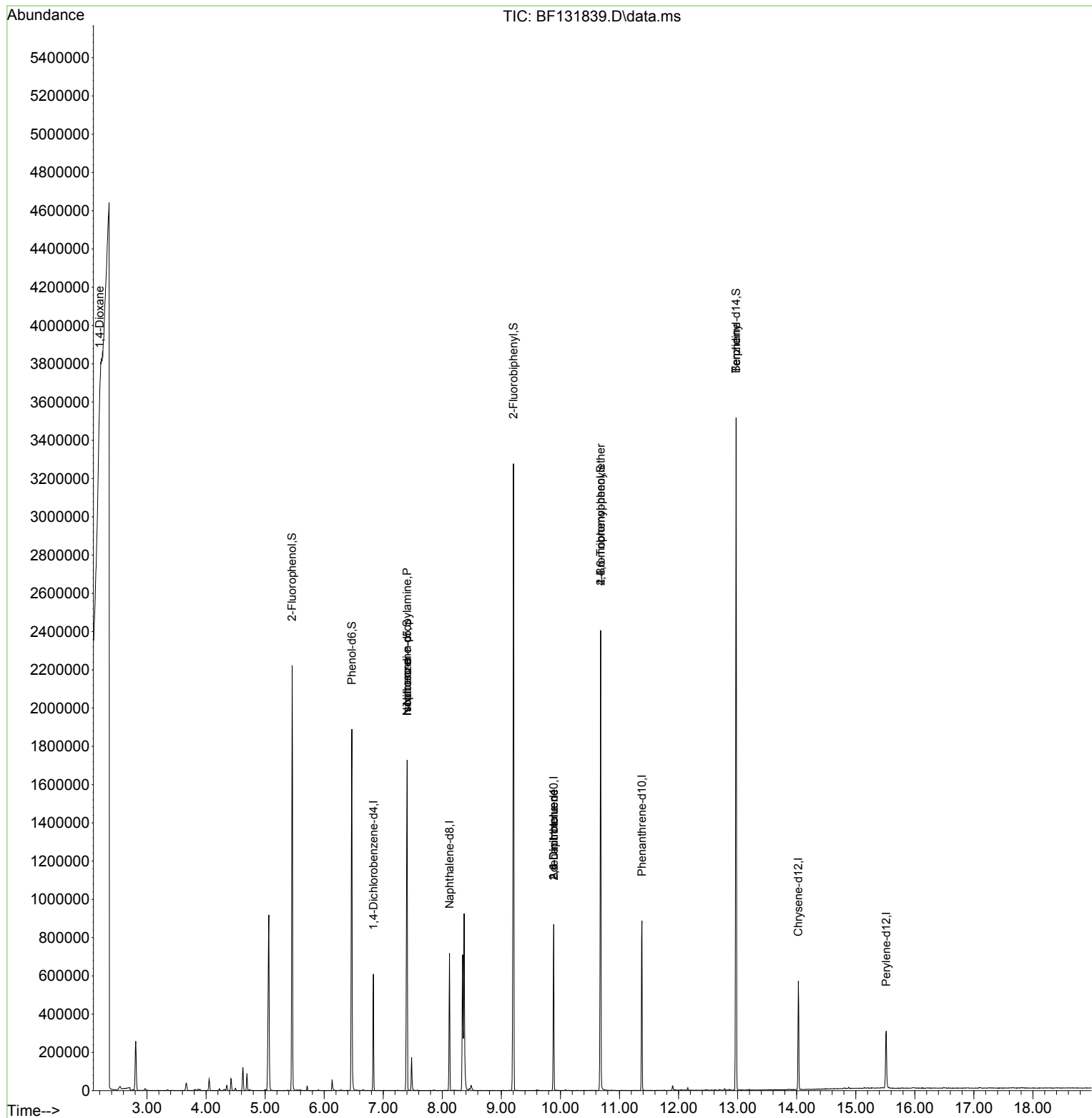
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	77301	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	283851	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	168092	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	326171	20.000	ng	0.00
76) Chrysene-d12	14.027	240	178156	20.000	ng	-0.01
86) Perylene-d12	15.515	264	148895	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	567697	121.706	ng	0.02
7) Phenol-d6	6.469	99	645150	105.274	ng	0.00
23) Nitrobenzene-d5	7.404	82	605909	85.225	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	265995	145.645	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1074732	87.577	ng	0.00
79) Terphenyl-d14	12.974	244	1210439	114.926	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.199	88	6290	2.908	ng	# 60
19) n-Nitroso-di-n-propyla...	7.404	70	85855	19.837	ng	# 78
25) Isophorone	7.404	82	604708	52.083	ng	# 69
51) 2,6-Dinitrotoluene	9.886	165	21587	7.842	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	21587	5.734	ng	# 16
67) 4-Bromophenyl-phenylether	10.680	248	18660	4.936	ng	# 1
77) Benzidine	12.974	184	18697	6.386	ng	# 94

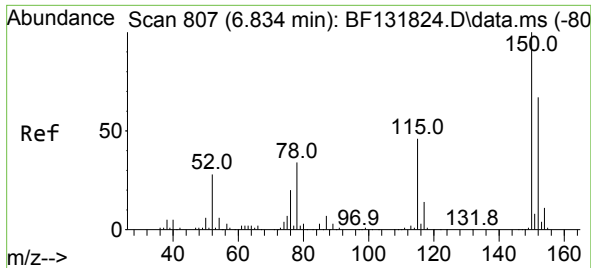
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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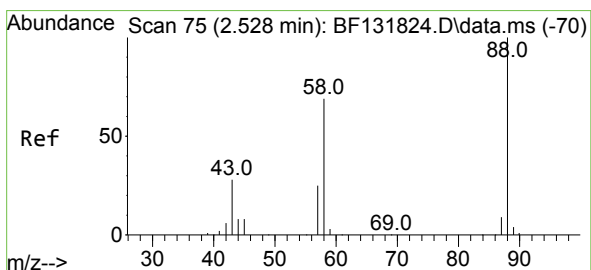
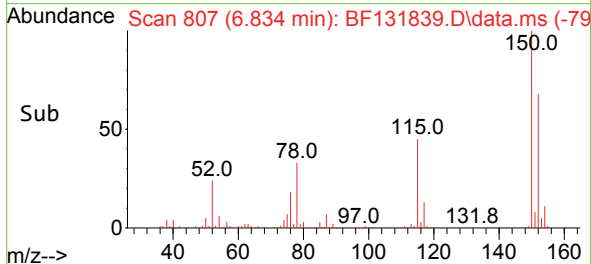
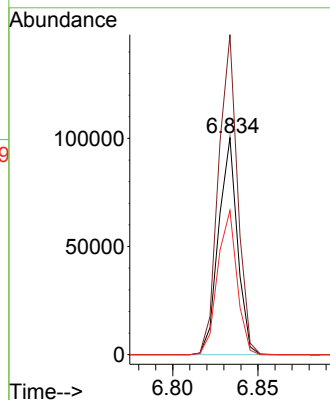
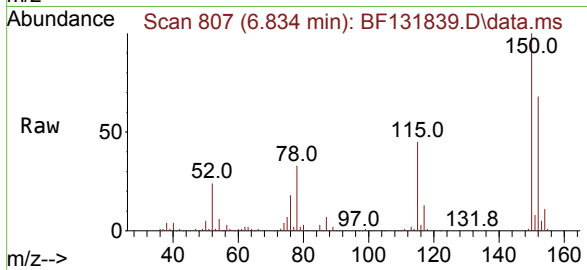




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF131839.D
 Acq: 27 Dec 2022 16:23

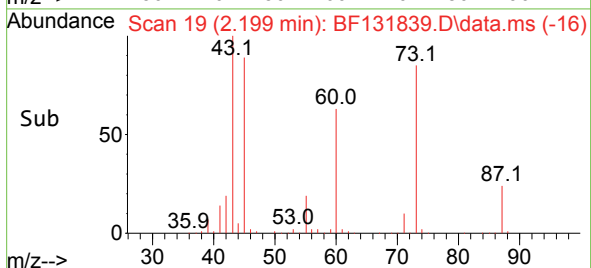
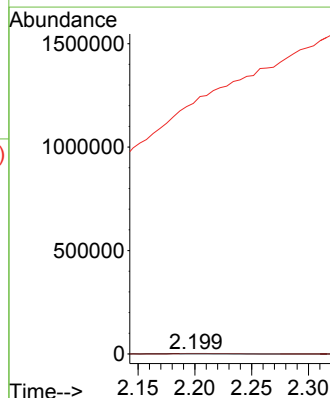
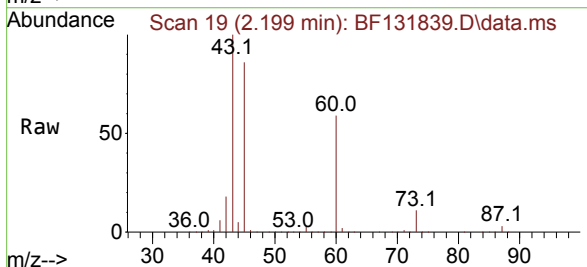
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3050

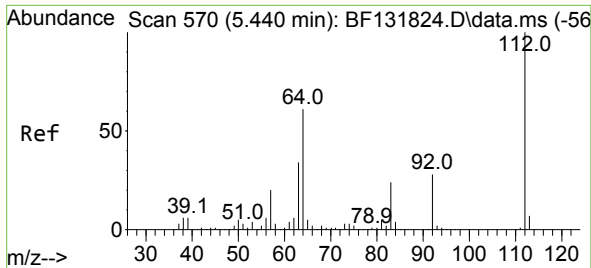
Tgt Ion:152 Resp: 77301
 Ion Ratio Lower Upper
 152 100
 150 147.5 120.0 180.0
 115 66.5 55.1 82.7



#2
 1,4-Dioxane
 Concen: 2.908 ng
 RT: 2.199 min Scan# 19
 Delta R.T. -0.329 min
 Lab File: BF131839.D
 Acq: 27 Dec 2022 16:23

Tgt Ion: 88 Resp: 6290
 Ion Ratio Lower Upper
 88 100
 58 44.5 58.2 87.2#
 43 0.0 24.2 36.4#

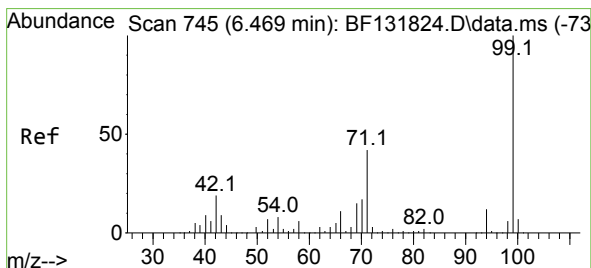
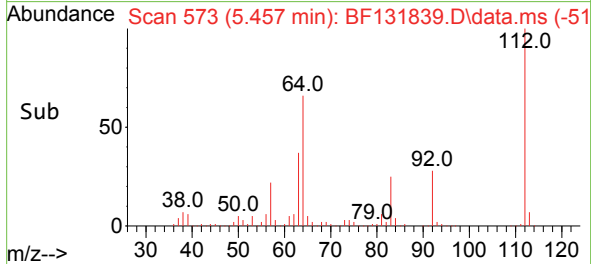
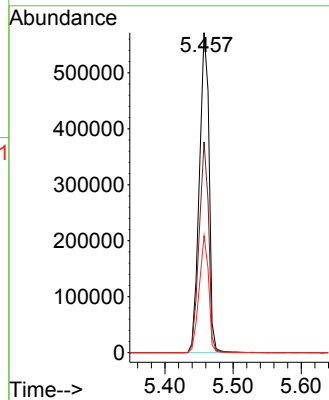
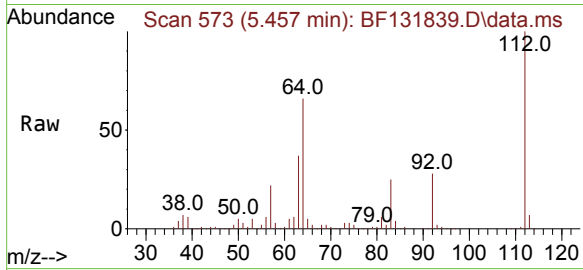




#5
2-Fluorophenol
Concen: 121.706 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23

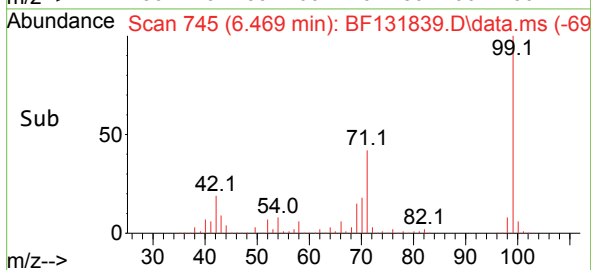
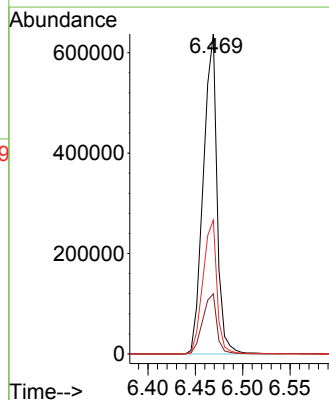
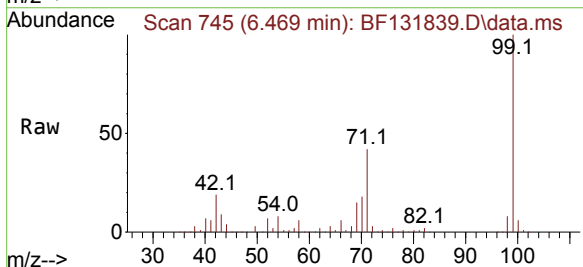
Instrument :
BNA_F
ClientSampleId :
COMP-3050

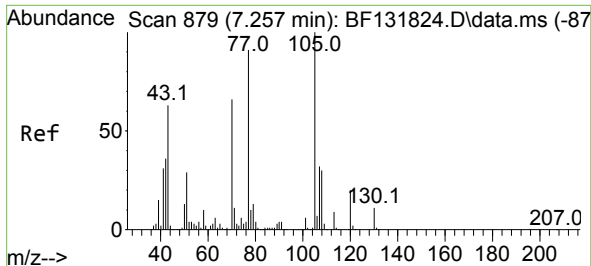
Tgt Ion:112 Resp: 567697
Ion Ratio Lower Upper
112 100
64 65.9 49.2 73.8
63 36.6 27.5 41.3



#7
Phenol-d6
Concen: 105.274 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23

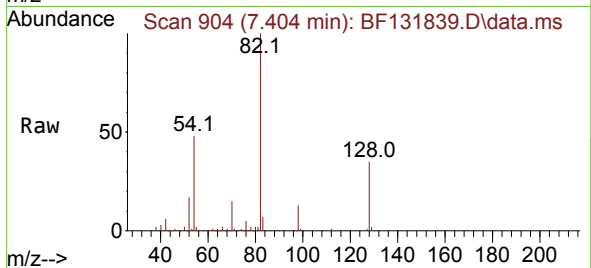
Tgt Ion: 99 Resp: 645150
Ion Ratio Lower Upper
99 100
42 18.8 15.3 22.9
71 41.8 33.5 50.3



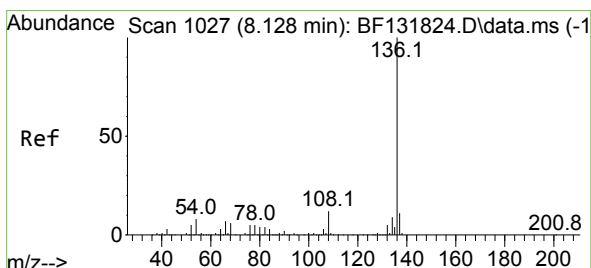
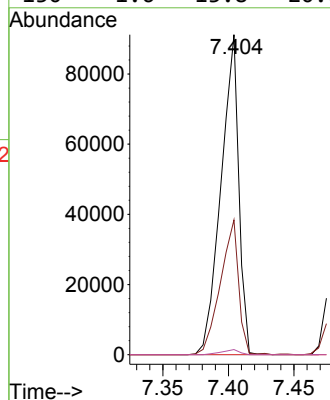
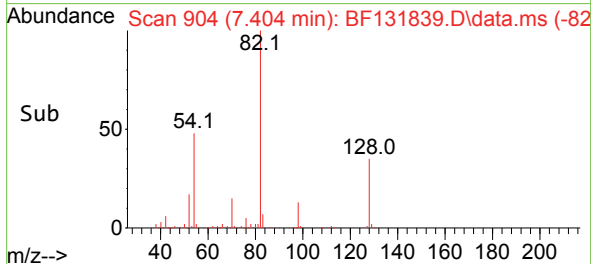


#19
n-Nitroso-di-n-propylamine
Concen: 19.837 ng
RT: 7.404 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23

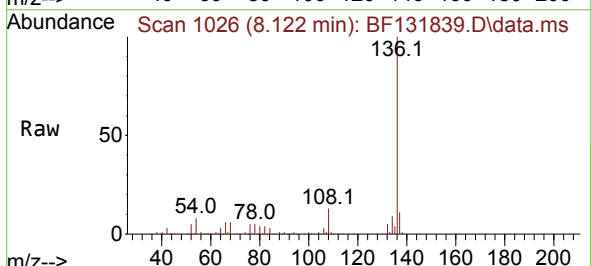
Instrument :
BNA_F
ClientSampleId :
COMP-3050



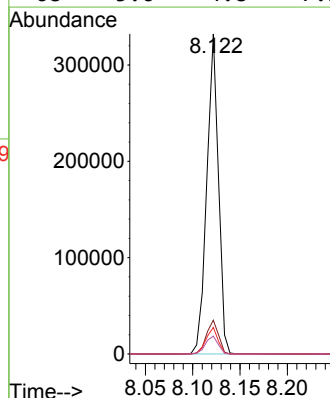
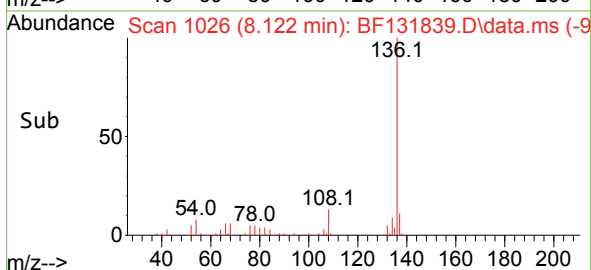
Tgt Ion: 70 Resp: 85855
Ion Ratio Lower Upper
70 100
42 42.1 43.8 65.6#
101 0.0 7.4 11.0#
130 1.6 13.8 20.6#

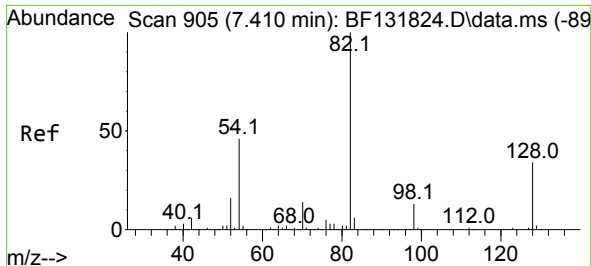


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23



Tgt Ion: 136 Resp: 283851
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 8.3 6.7 10.1
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 85.225 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF131839.D

Acq: 27 Dec 2022 16:23

Instrument :

BNA_F

ClientSampleId :

COMP-3050

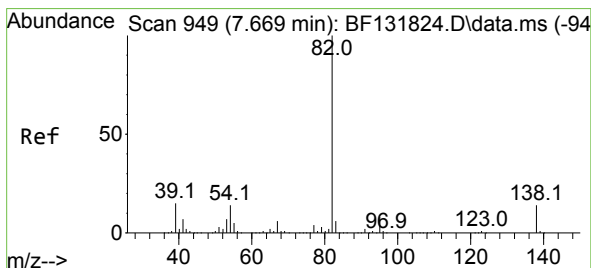
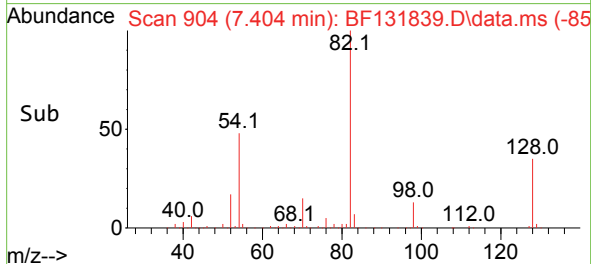
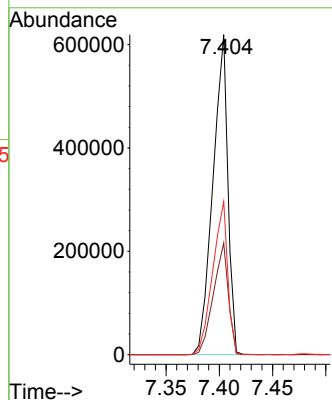
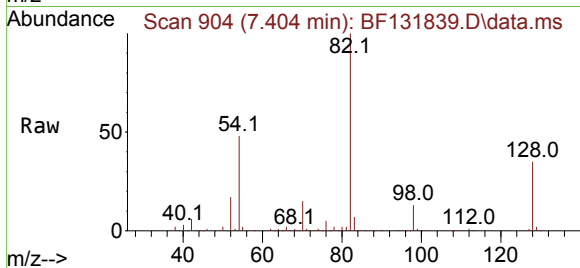
Tgt Ion: 82 Resp: 605909

Ion Ratio Lower Upper

82 100

128 34.9 27.1 40.7

54 47.9 37.0 55.6



#25

Isophorone

Concen: 52.083 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.265 min

Lab File: BF131839.D

Acq: 27 Dec 2022 16:23

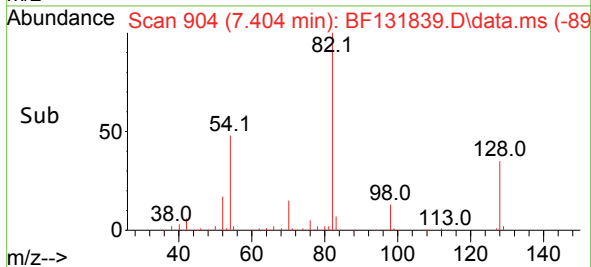
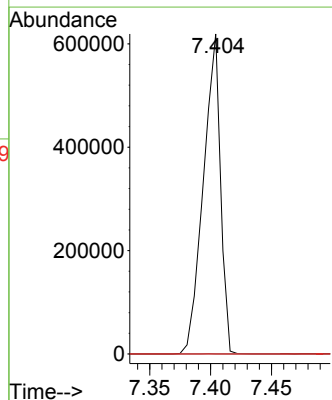
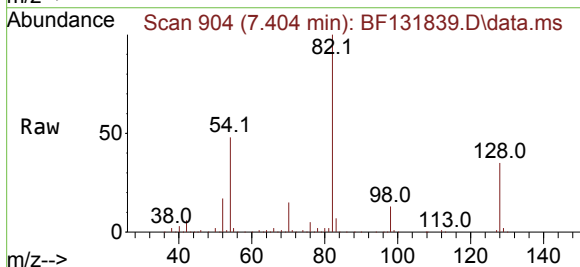
Tgt Ion: 82 Resp: 604708

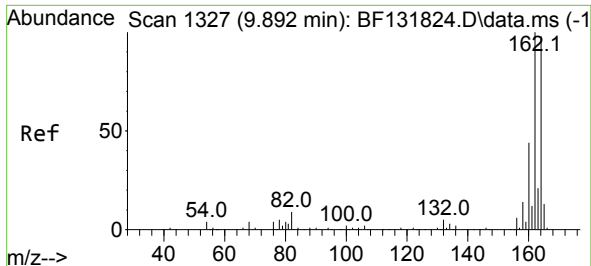
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.006 min

Lab File: BF131839.D

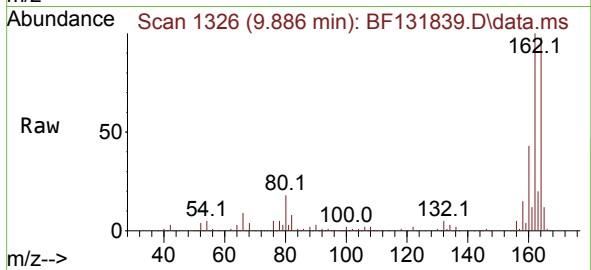
Acq: 27 Dec 2022 16:23

Instrument :

BNA_F

ClientSampleId :

COMP-3050



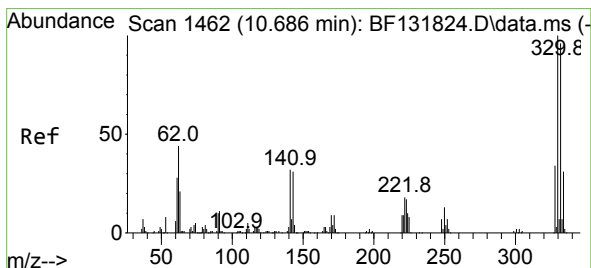
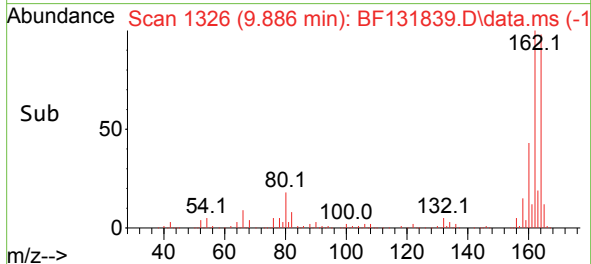
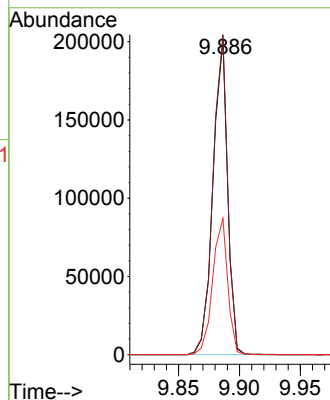
Tgt Ion:164 Resp: 168092

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

160 43.2 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 145.645 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF131839.D

Acq: 27 Dec 2022 16:23

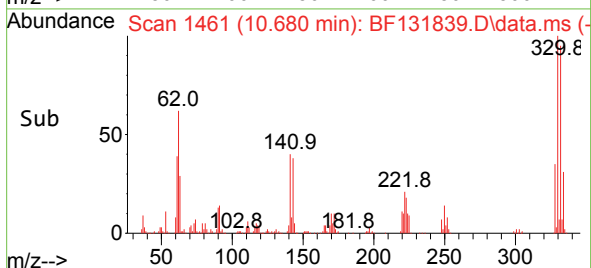
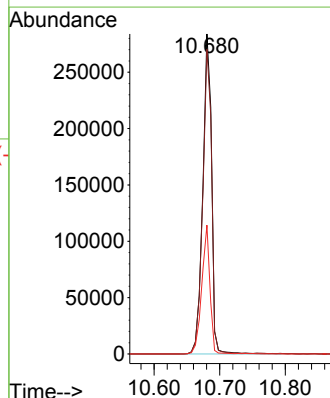
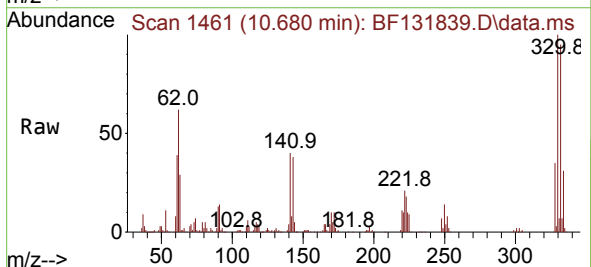
Tgt Ion:330 Resp: 265995

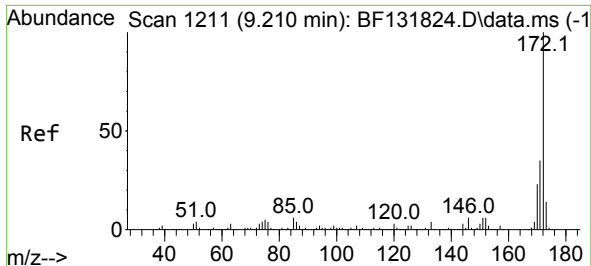
Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 37.4 31.0 46.4





#45

2-Fluorobiphenyl

Concen: 87.577 ng

RT: 9.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131839.D

Acq: 27 Dec 2022 16:23

Instrument :

BNA_F

ClientSampleId :

COMP-3050

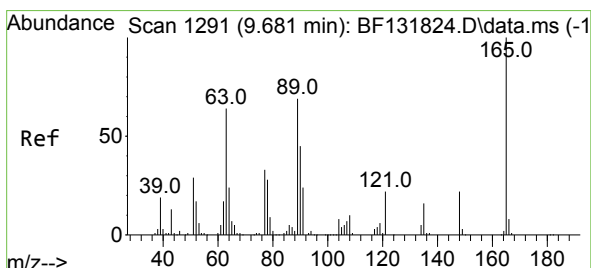
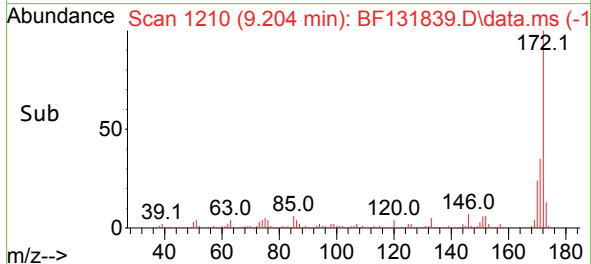
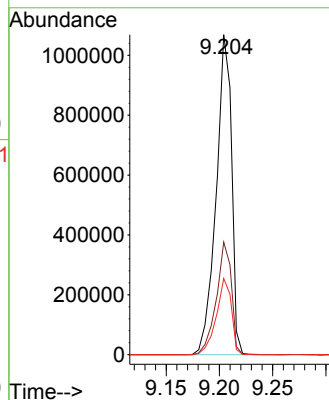
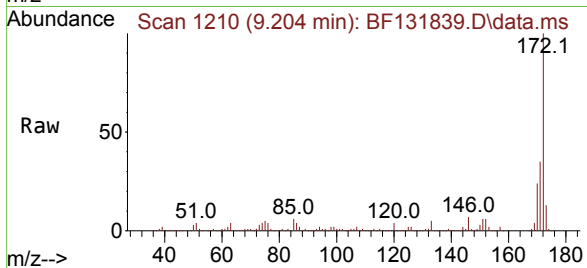
Tgt Ion:172 Resp: 1074732

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.8 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 7.842 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.206 min

Lab File: BF131839.D

Acq: 27 Dec 2022 16:23

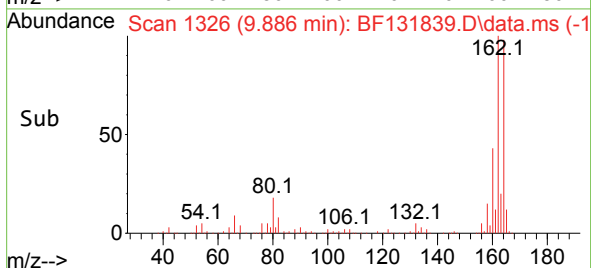
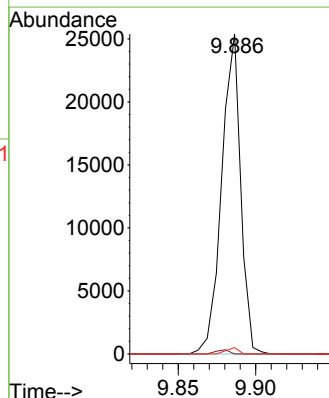
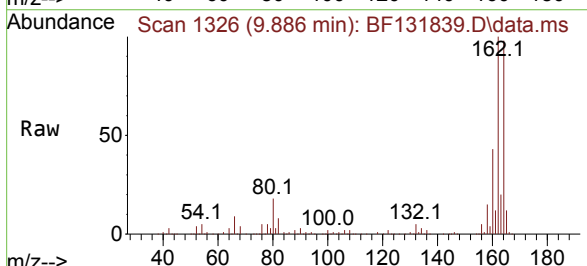
Tgt Ion:165 Resp: 21587

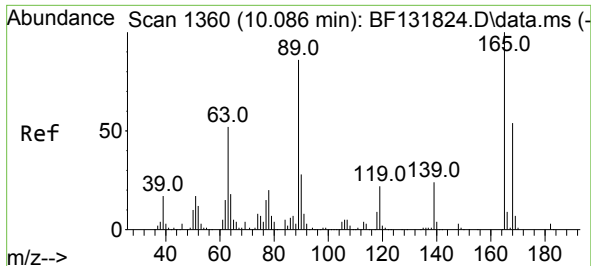
Ion Ratio Lower Upper

165 100

63 0.0 55.1 82.7#

89 2.0 55.0 82.4#

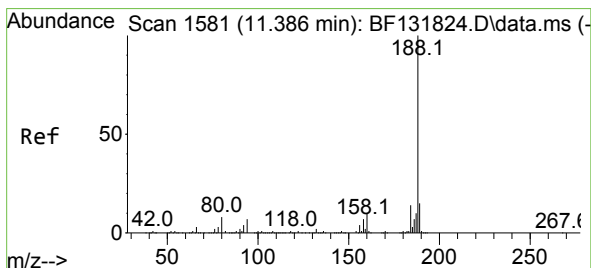
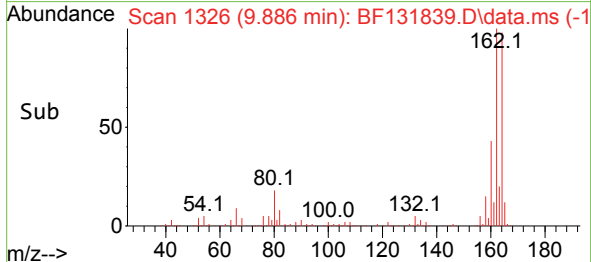
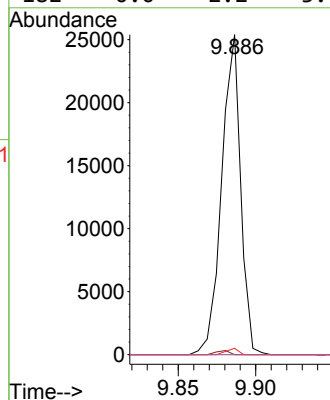
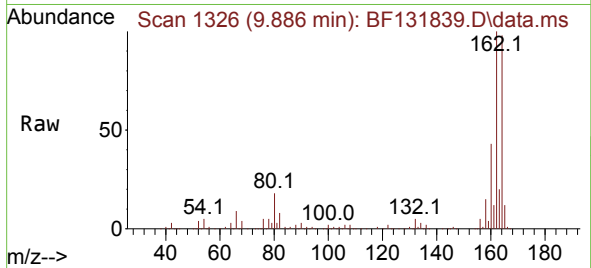




#57
2,4-Dinitrotoluene
Concen: 5.734 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23

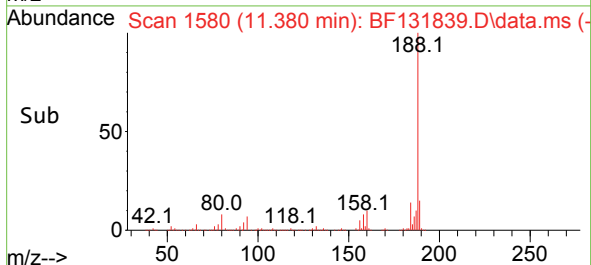
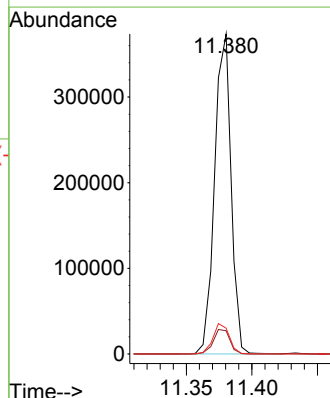
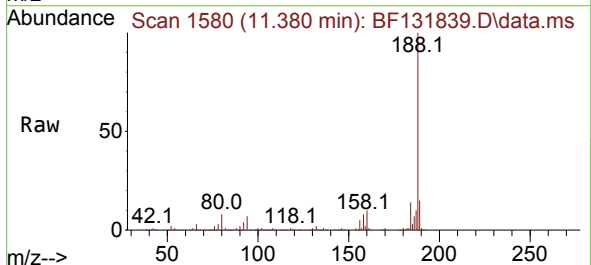
Instrument :
BNA_F
ClientSampleId :
COMP-3050

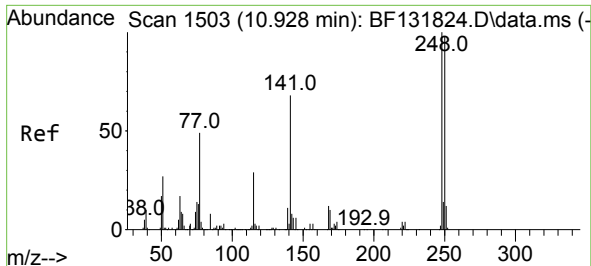
Tgt Ion:165 Resp: 21587
Ion Ratio Lower Upper
165 100
63 0.0 42.1 63.1#
89 2.0 69.1 103.7#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23

Tgt Ion:188 Resp: 326171
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.6
80 8.0 6.7 10.1

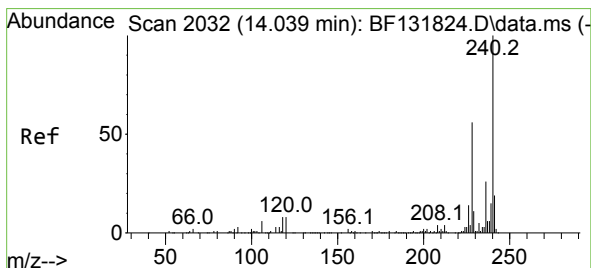
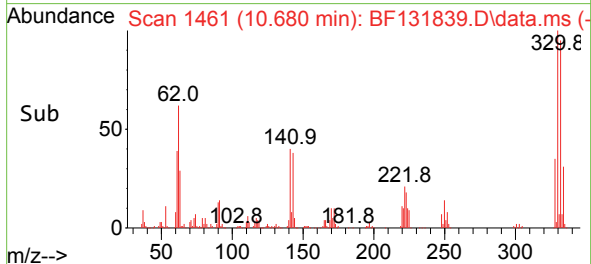
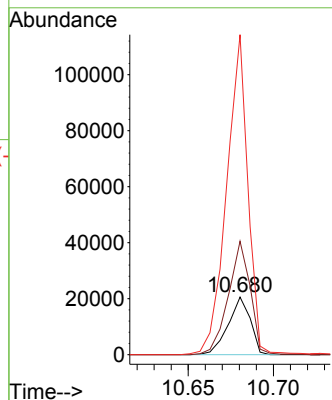
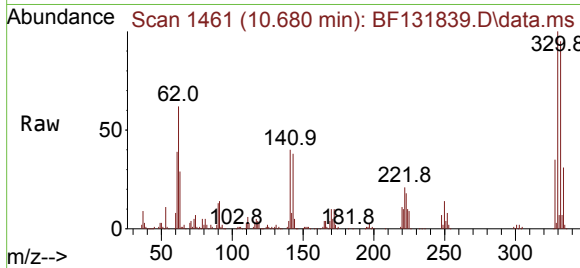




#67
4-Bromophenyl-phenylether
Concen: 4.936 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23

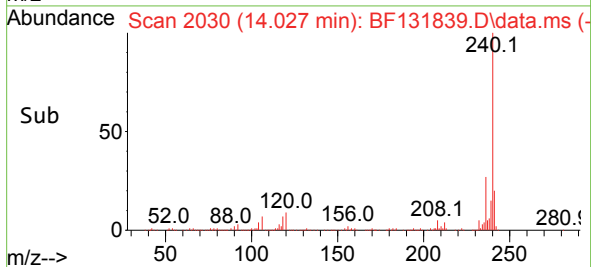
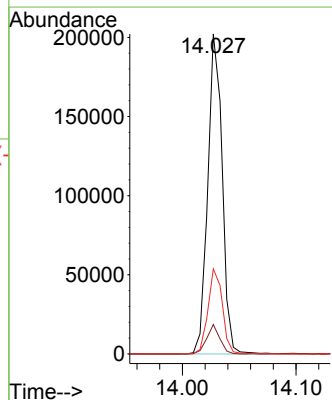
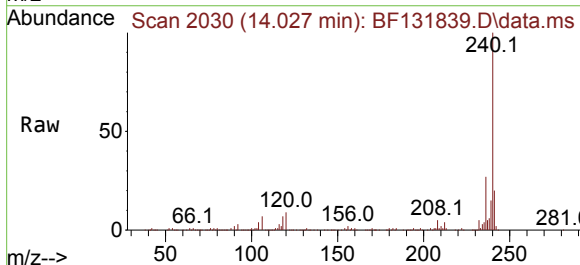
Instrument :
BNA_F
ClientSampleId :
COMP-3050

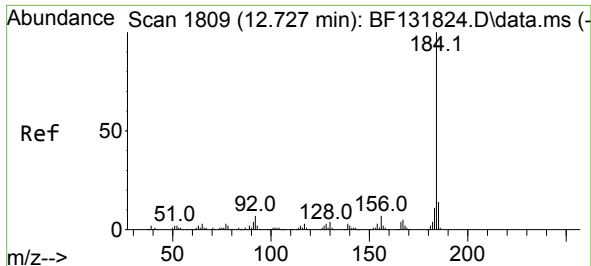
Tgt Ion:248 Resp: 18660
Ion Ratio Lower Upper
248 100
250 196.9 78.0 117.0#
141 555.3 54.8 82.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23

Tgt Ion:240 Resp: 178156
Ion Ratio Lower Upper
240 100
120 9.2 6.7 10.1
236 26.6 20.6 31.0

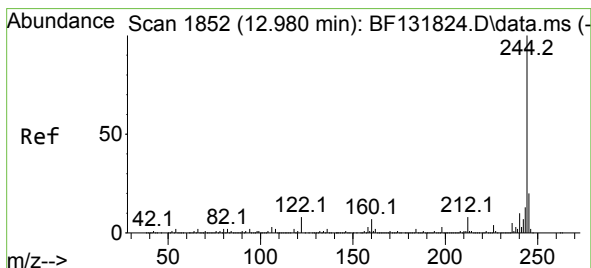
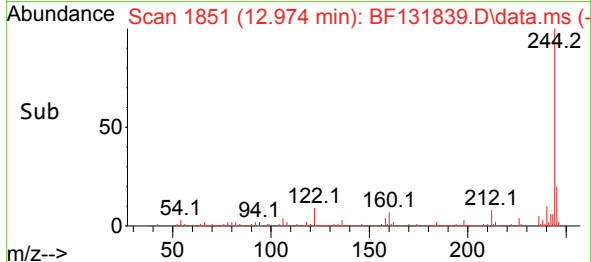
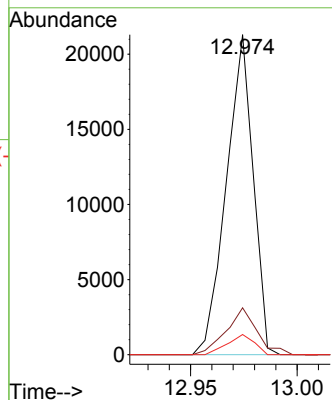
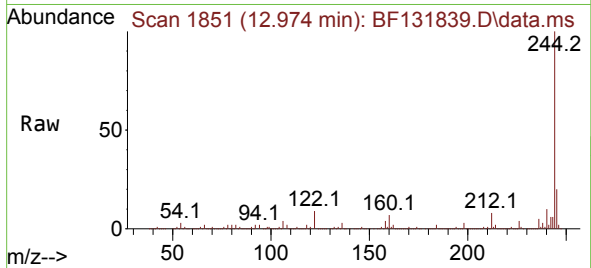




#77
Benzidine
Concen: 6.386 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23

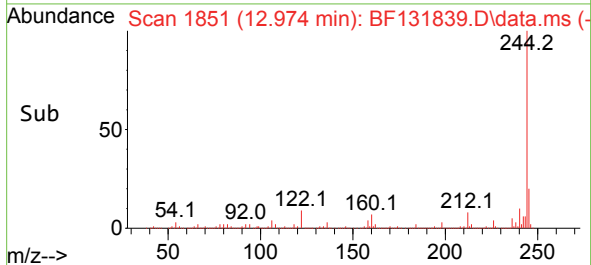
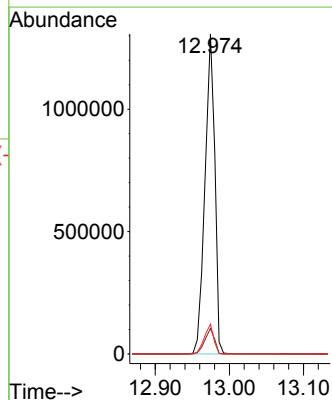
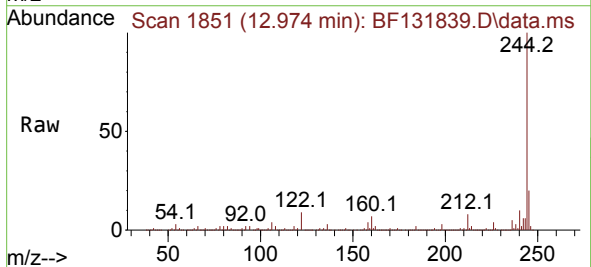
Instrument :
BNA_F
ClientSampleId :
COMP-3050

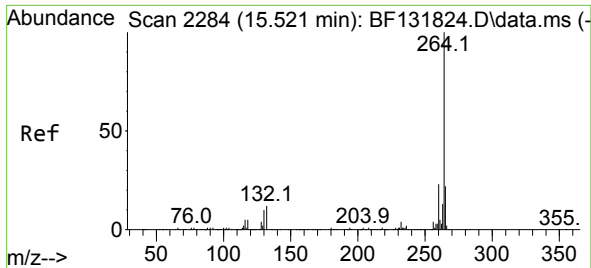
Tgt Ion:184 Resp: 18697
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 6.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 114.926 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF131839.D
Acq: 27 Dec 2022 16:23

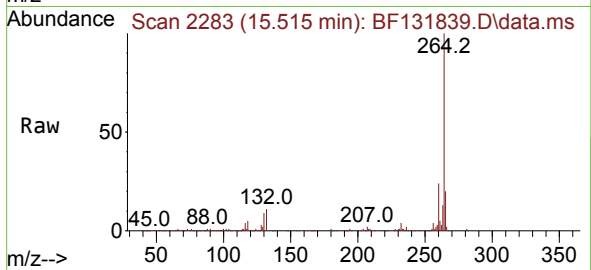
Tgt Ion:244 Resp: 1210439
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 9.3 6.4 9.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131839.D
 Acq: 27 Dec 2022 16:23

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3050



Tgt Ion:264 Resp: 148895
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 20.4 17.4 26.0

