

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF131007.D
 Acq On : 05 Nov 2022 00:10
 Operator : CG\JU
 Sample : N5318-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20221106-COMP-05

Quant Time: Nov 05 00:42:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

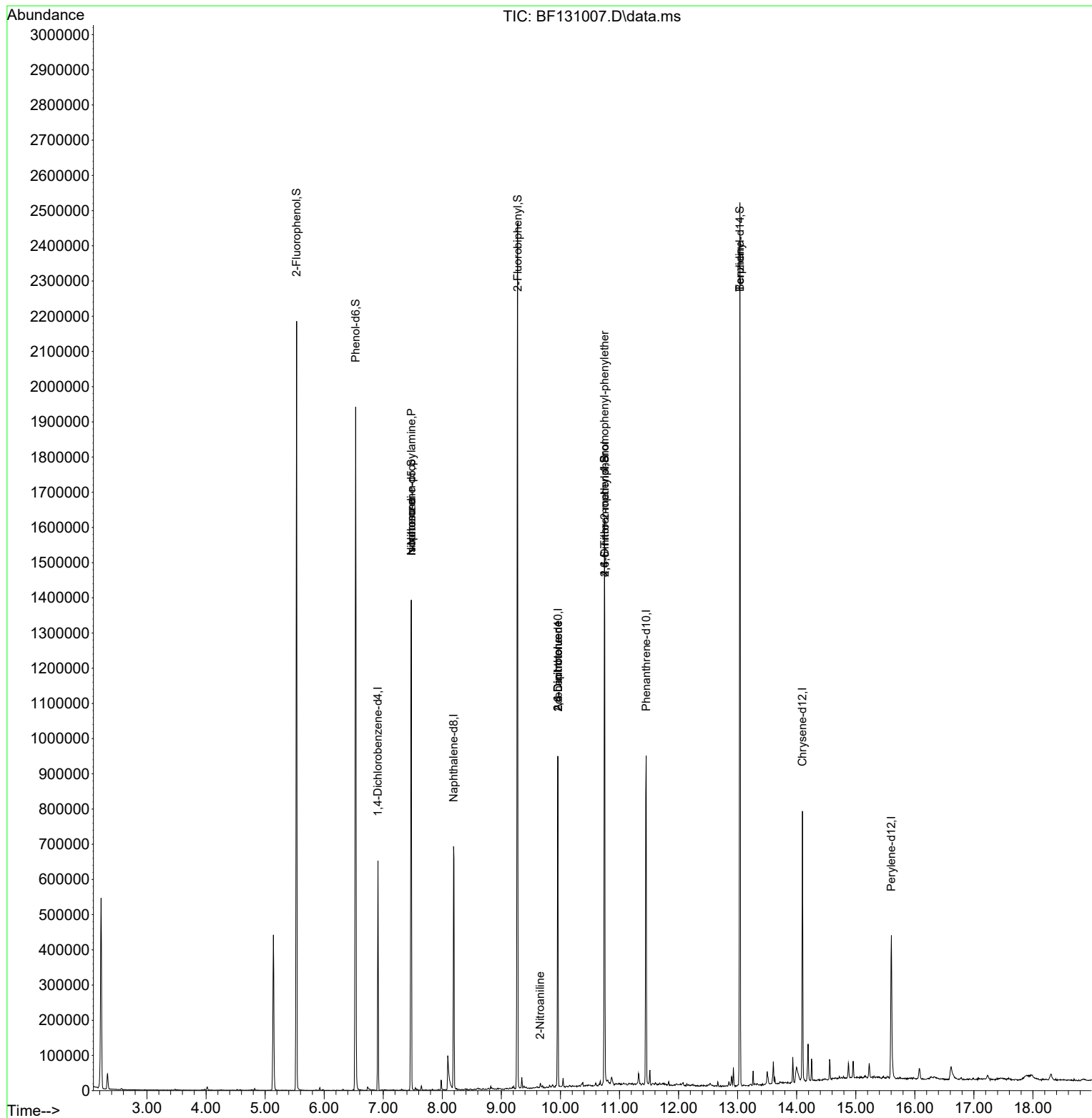
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	80388	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	313849	20.000	ng	-0.01
39) Acenaphthene-d10	9.957	164	174469	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	335646	20.000	ng	0.00
76) Chrysene-d12	14.098	240	239489	20.000	ng	0.00
86) Perylene-d12	15.604	264	184926	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	509385	109.852	ng	0.00
7) Phenol-d6	6.534	99	653277	108.413	ng	0.00
23) Nitrobenzene-d5	7.475	82	435475	83.666	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	185506	126.308	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	743868	64.461	ng	0.00
79) Terphenyl-d14	13.039	244	835850	63.955	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	59583	14.533	ng	# 80
25) Isophorone	7.475	82	435471	40.572	ng	# 66
48) 2-Nitroaniline	9.657	65	115	4.180	ng	# 12
51) 2,6-Dinitrotoluene	9.957	165	22435	12.065	ng	# 14
57) 2,4-Dinitrotoluene	9.957	165	22435	10.940	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.751	198	457	8.200	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	11585	3.432	ng	# 1
77) Benzidine	13.039	184	12388	2.131	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
Data File : BF131007.D
Acq On : 05 Nov 2022 00:10
Operator : CG\JU
Sample : N5318-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20221106-COMP-05

Quant Time: Nov 05 00:42:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 06:20:24 2022
Response via : Initial Calibration

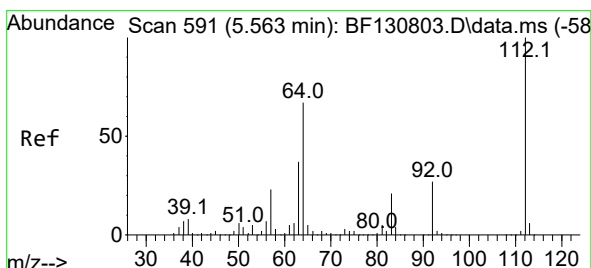
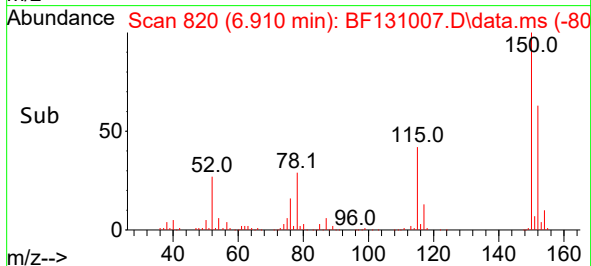
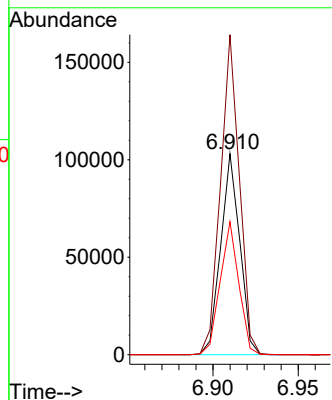
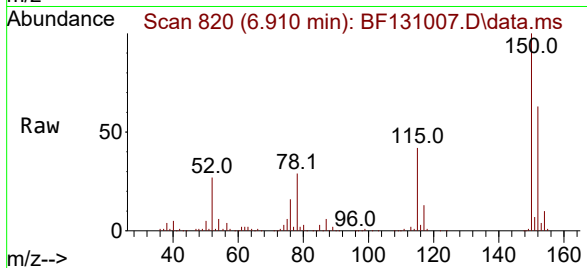




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131007.D
Acq: 05 Nov 2022 00:10

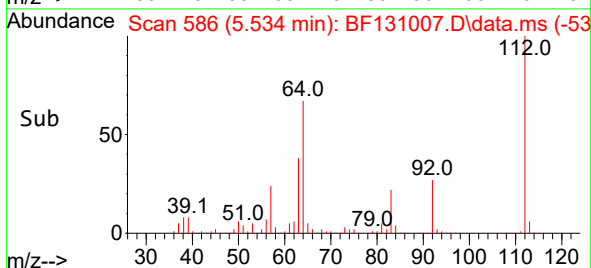
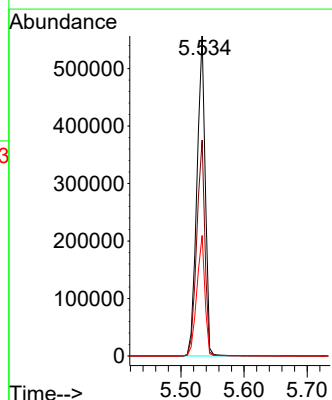
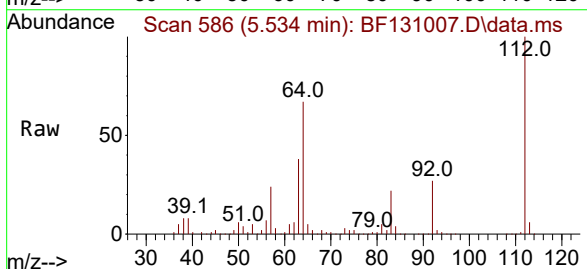
Instrument :
BNA_F
ClientSampleId :
20221106-COMP-05

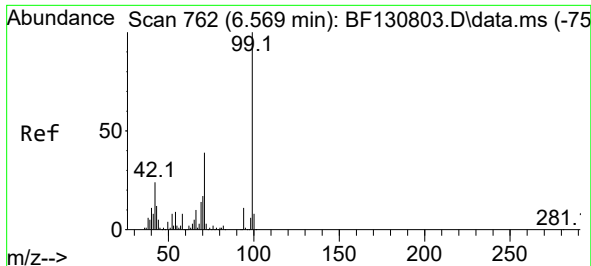
Tgt Ion:152 Resp: 80388
Ion Ratio Lower Upper
152 100
150 159.3 124.1 186.1
115 66.2 50.1 75.1



#5
2-Fluorophenol
Concen: 109.852 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF131007.D
Acq: 05 Nov 2022 00:10

Tgt Ion:112 Resp: 509385
Ion Ratio Lower Upper
112 100
64 67.4 53.9 80.9
63 37.7 29.4 44.2

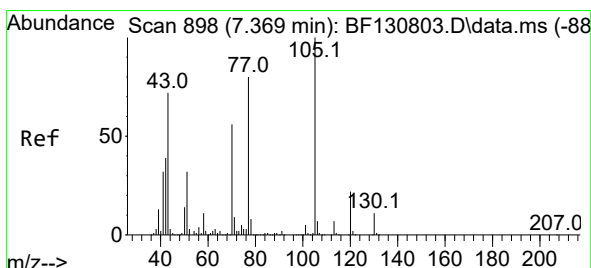
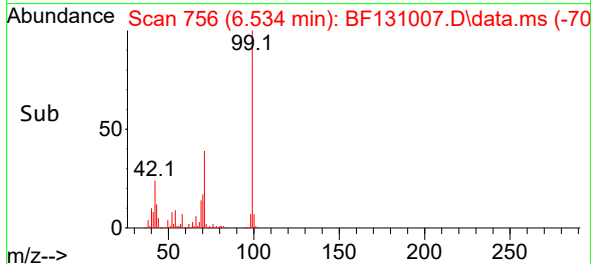
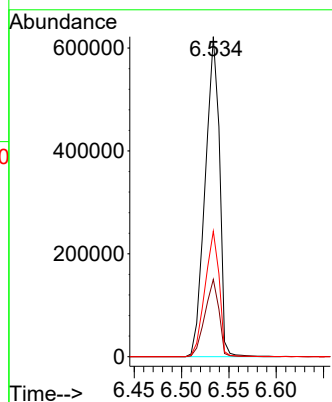
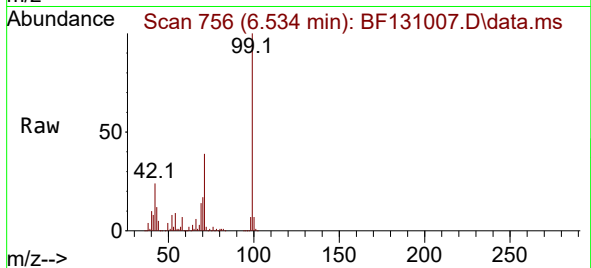




#7
Phenol-d6
Concen: 108.413 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131007.D
Acq: 05 Nov 2022 00:10

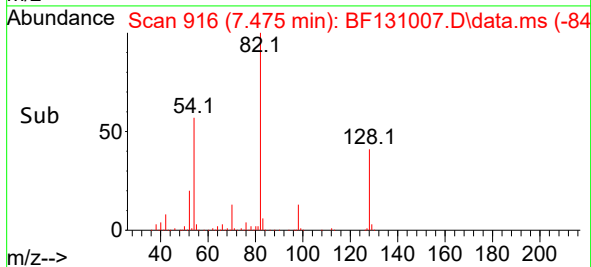
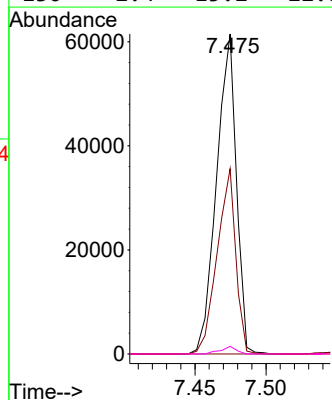
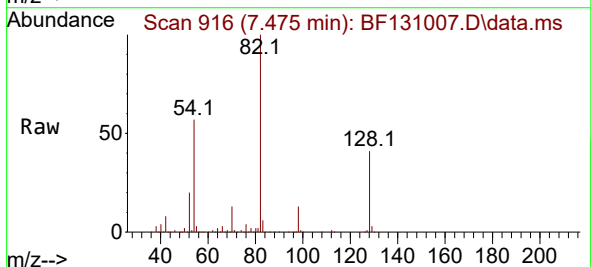
Instrument :
BNA_F
ClientSampleId :
20221106-COMP-05

Tgt Ion: 99 Resp: 653277
Ion Ratio Lower Upper
99 100
42 24.1 18.8 28.2
71 39.2 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.533 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131007.D
Acq: 05 Nov 2022 00:10

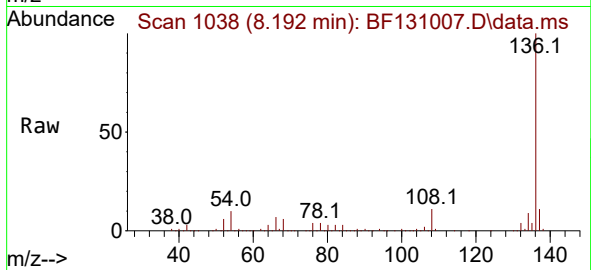
Tgt Ion: 70 Resp: 59583
Ion Ratio Lower Upper
70 100
42 57.9 56.1 84.1
101 0.0 7.3 10.9#
130 2.4 15.2 22.8#



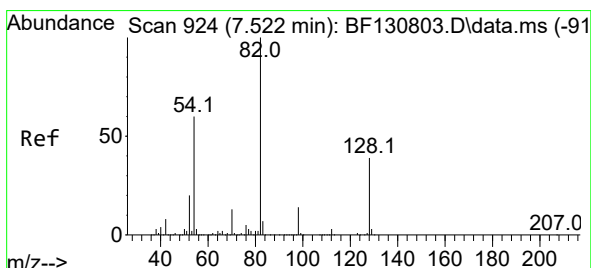
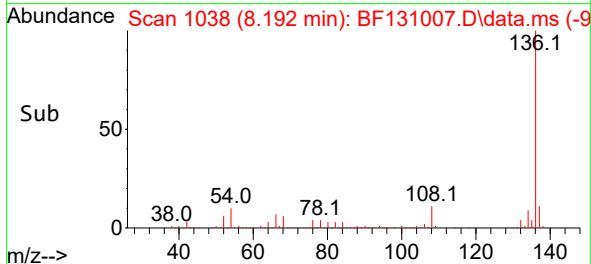
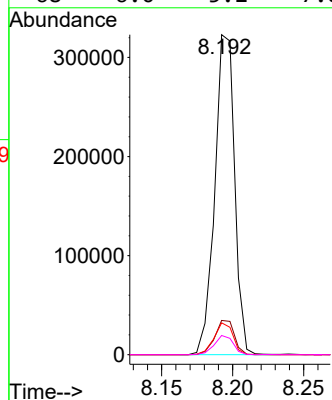


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1046
Delta R.T. -0.012 min
Lab File: BF131007.D
Acq: 05 Nov 2022 00:10

Instrument :
BNA_F
ClientSampleId :
20221106-COMP-05

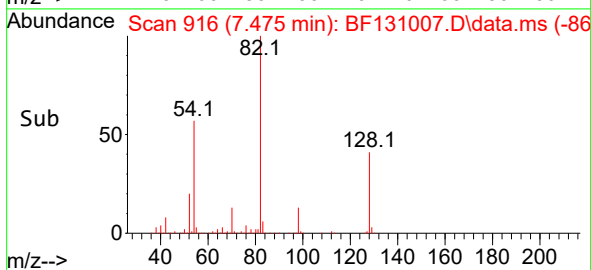
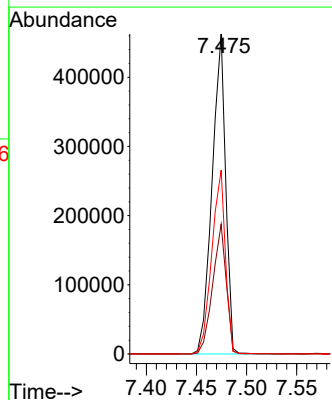
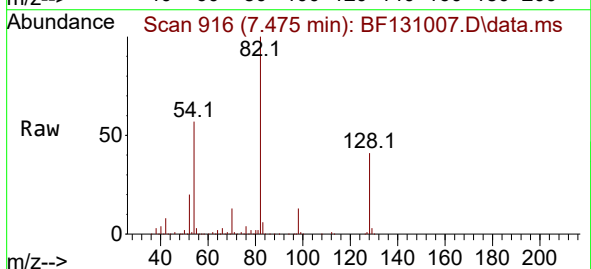


Tgt Ion:136 Resp: 313849
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 10.0 8.8 13.2
68 6.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 83.666 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF131007.D
Acq: 05 Nov 2022 00:10

Tgt Ion: 82 Resp: 435475
Ion Ratio Lower Upper
82 100
128 40.6 31.2 46.8
54 57.4 48.0 72.0

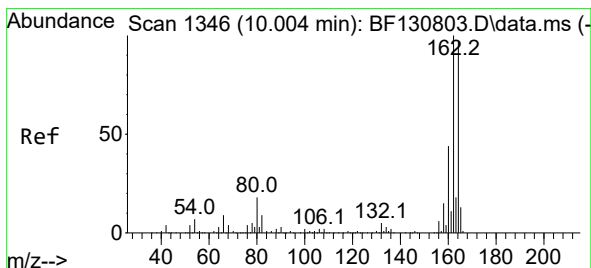
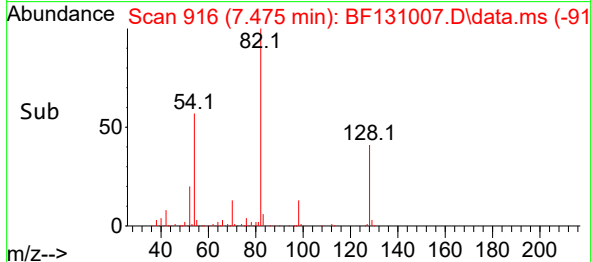
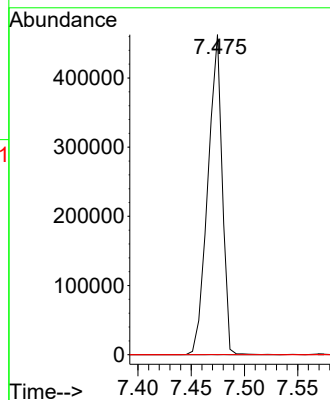
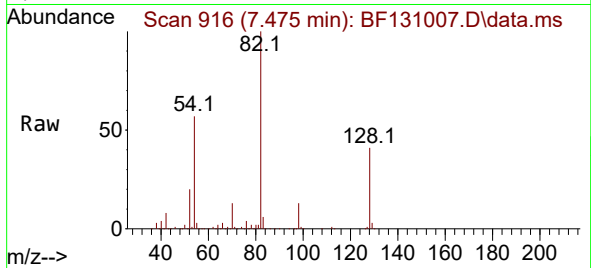




#25
Isophorone
Concen: 40.572 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131007.D
Acq: 05 Nov 2022 00:10

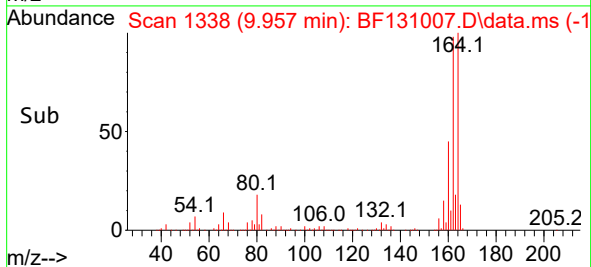
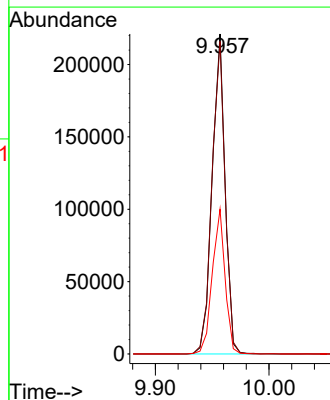
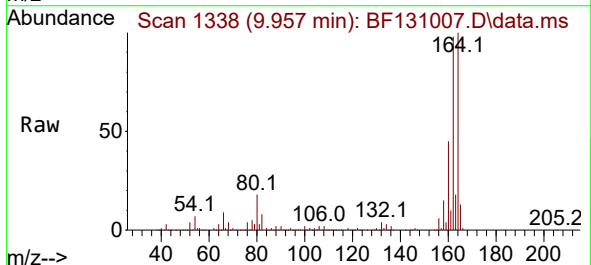
Instrument :
BNA_F
ClientSampleId :
20221106-COMP-05

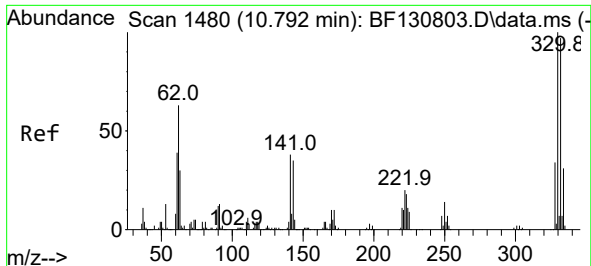
Tgt Ion: 82 Resp: 435471
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF131007.D
Acq: 05 Nov 2022 00:10

Tgt Ion:164 Resp: 174469
Ion Ratio Lower Upper
164 100
162 97.7 82.2 123.2
160 45.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 126.308 ng

RT: 10.751 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF131007.D

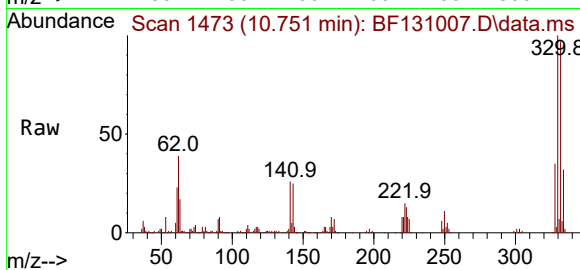
Acq: 05 Nov 2022 00:10

Instrument :

BNA_F

ClientSampleId :

20221106-COMP-05



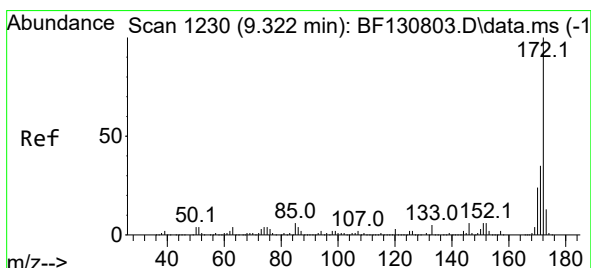
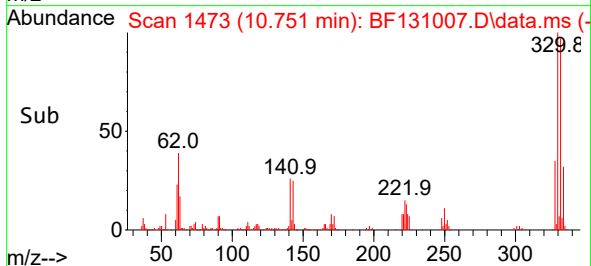
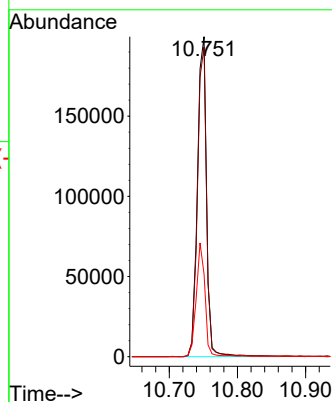
Tgt Ion:330 Resp: 185506

Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

141 34.1 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 64.461 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF131007.D

Acq: 05 Nov 2022 00:10

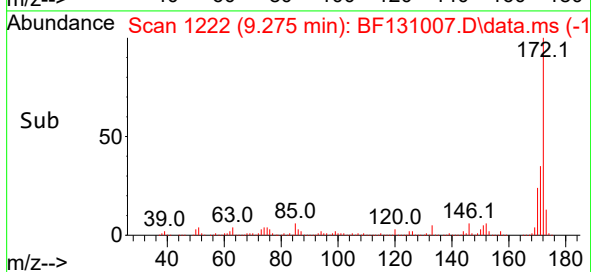
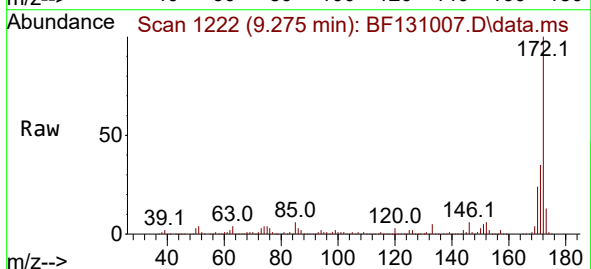
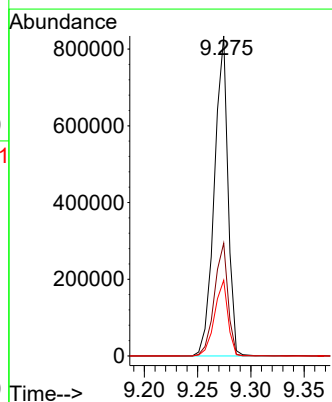
Tgt Ion:172 Resp: 743868

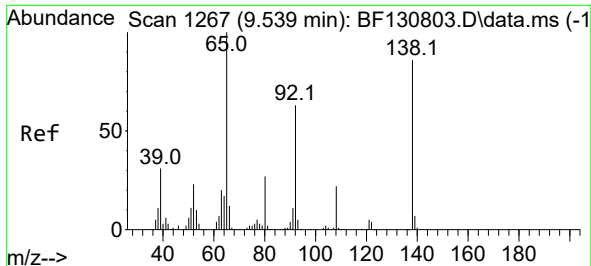
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.7 19.0 28.4

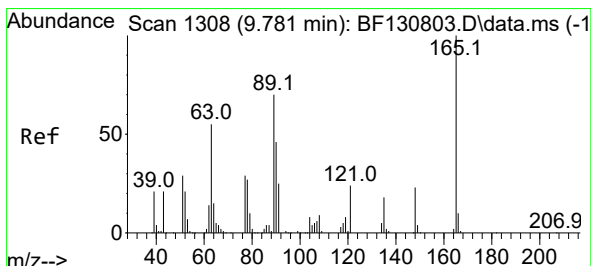
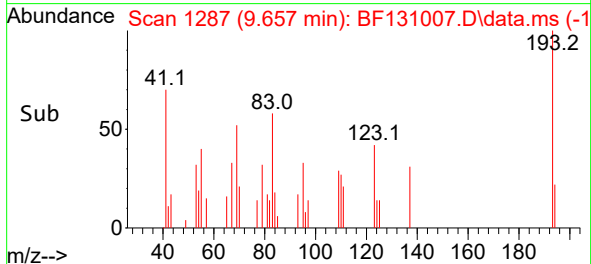
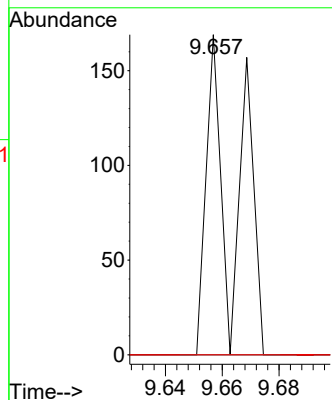
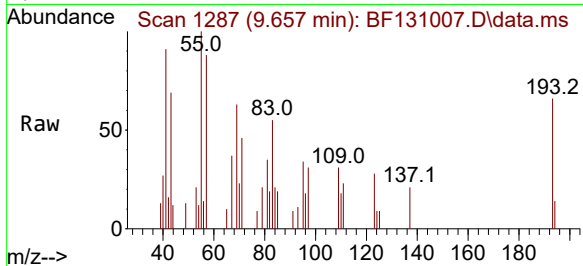




#48
2-Nitroaniline
Concen: 4.180 ng
RT: 9.657 min Scan# 11
Delta R.T. 0.153 min
Lab File: BF131007.D
Acq: 05 Nov 2022 00:10

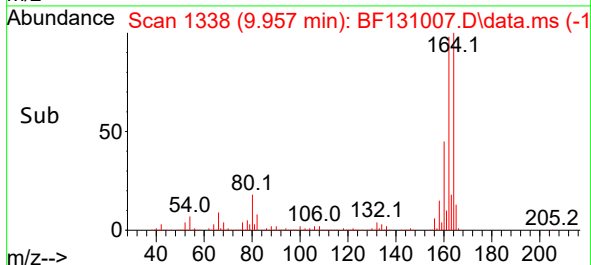
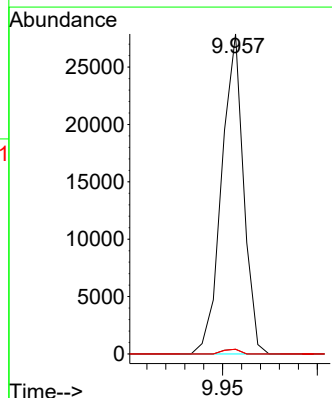
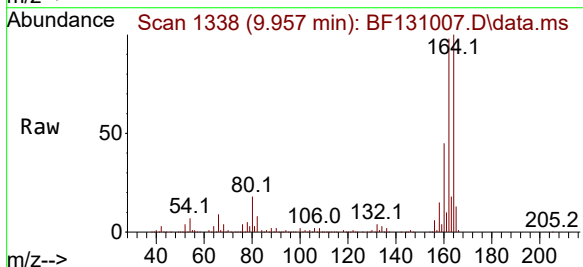
Instrument :
BNA_F
ClientSampleId :
20221106-COMP-05

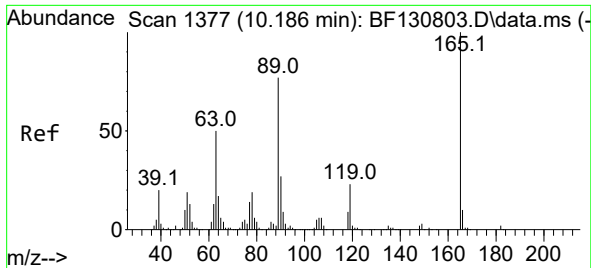
Tgt Ion: 65 Resp: 115
Ion Ratio Lower Upper
65 100
92 0.0 50.1 75.1#
138 0.0 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.065 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF131007.D
Acq: 05 Nov 2022 00:10

Tgt Ion: 165 Resp: 22435
Ion Ratio Lower Upper
165 100
63 1.4 61.8 92.8#
89 1.5 56.2 84.4#

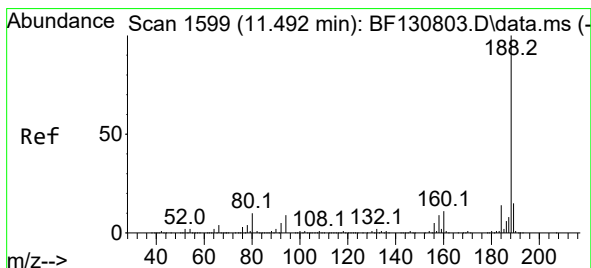
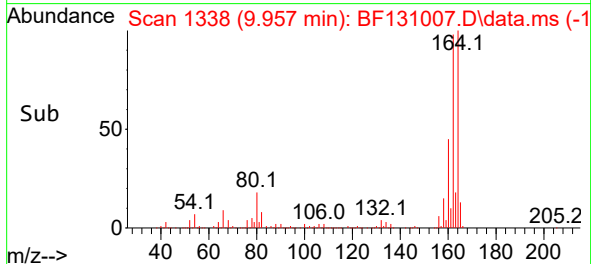
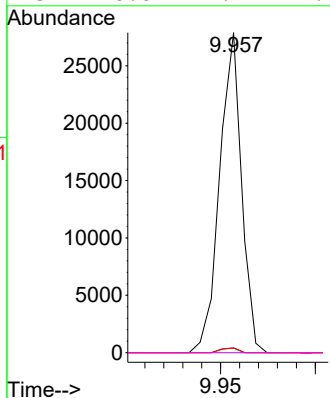
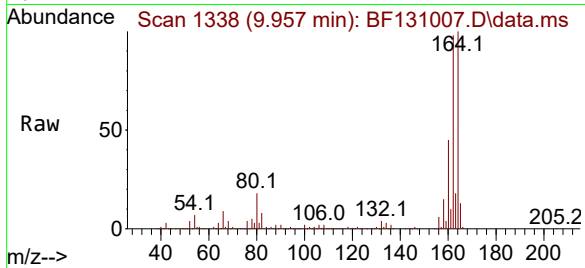




#57
2,4-Dinitrotoluene
Concen: 10.940 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131007.D
Acq: 05 Nov 2022 00:10

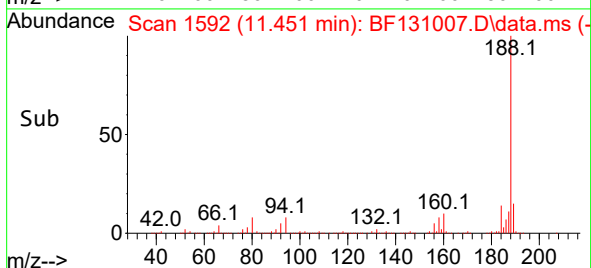
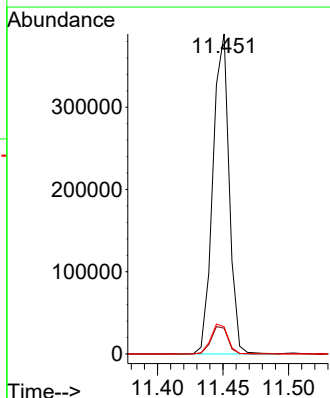
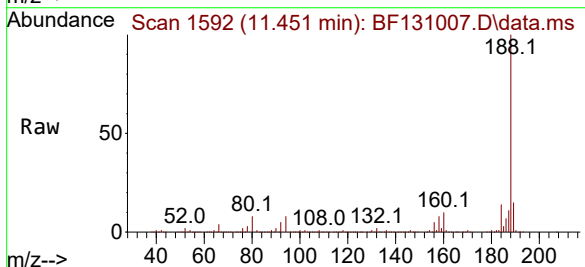
Instrument :
BNA_F
ClientSampleId :
20221106-COMP-05

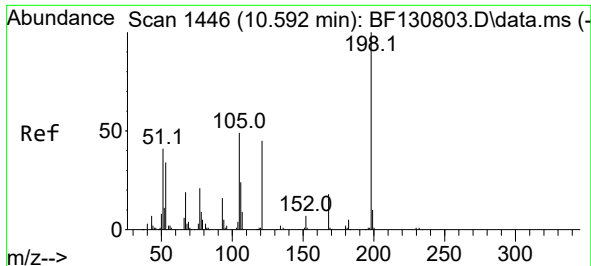
Tgt Ion:165 Resp: 22435
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.5 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF131007.D
Acq: 05 Nov 2022 00:10

Tgt Ion:188 Resp: 335646
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.5 8.0 12.0

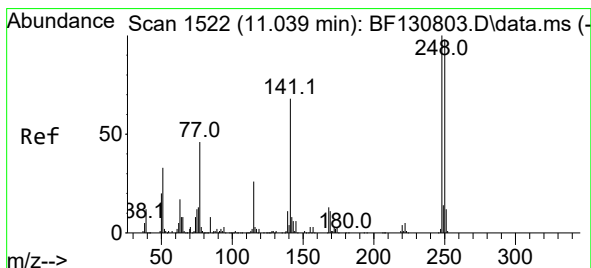
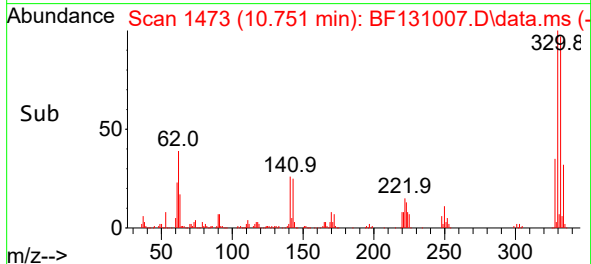
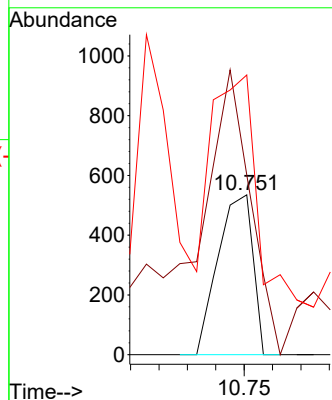
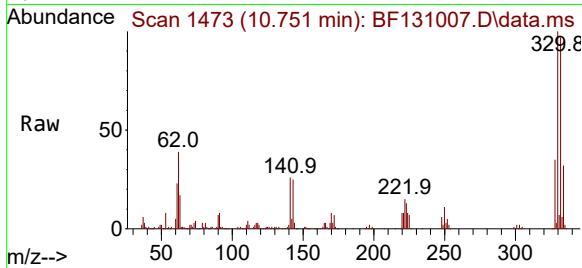




#65
4,6-Dinitro-2-methylphenol
Concen: 8.200 ng
RT: 10.751 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF131007.D
Acq: 05 Nov 2022 00:10

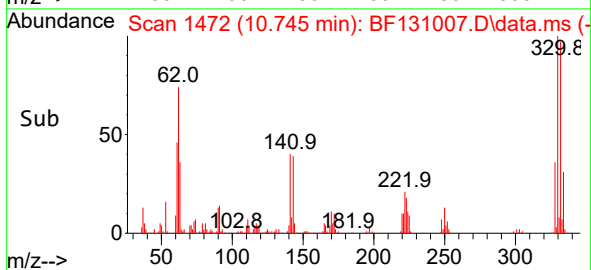
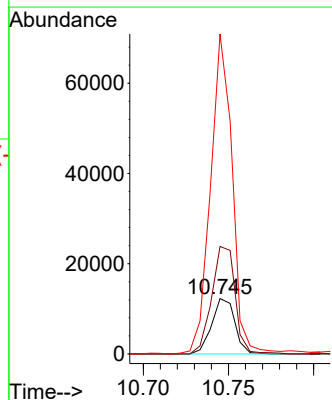
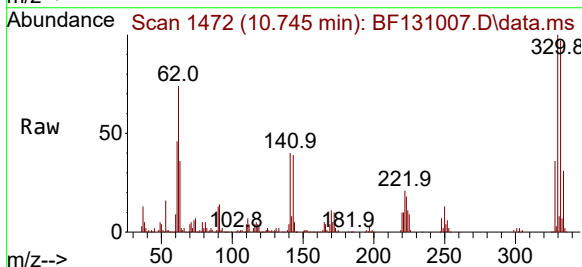
Instrument :
BNA_F
ClientSampleId :
20221106-COMP-05

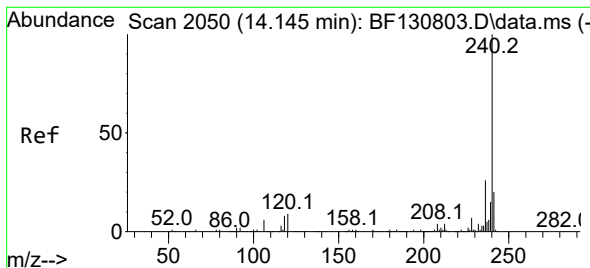
Tgt Ion:198 Resp: 457
Ion Ratio Lower Upper
198 100
51 112.5 39.0 79.0#
105 175.0 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.432 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF131007.D
Acq: 05 Nov 2022 00:10

Tgt Ion:248 Resp: 11585
Ion Ratio Lower Upper
248 100
250 194.3 78.6 117.8#
141 578.5 54.2 81.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2050

Delta R.T. -0.006 min

Lab File: BF131007.D

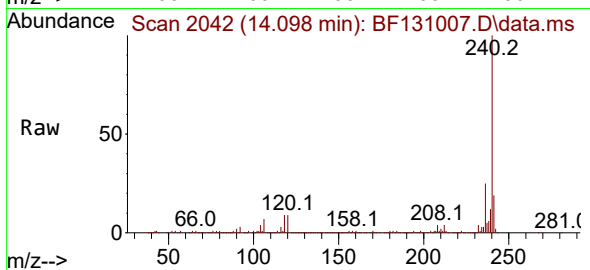
Acq: 05 Nov 2022 00:10

Instrument :

BNA_F

ClientSampleId :

20221106-COMP-05



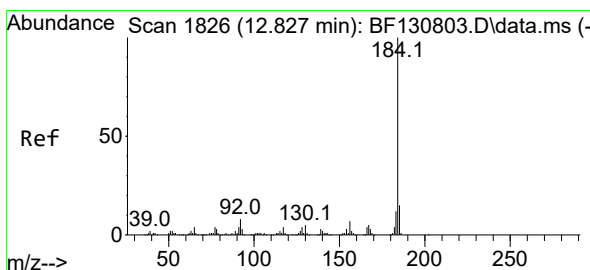
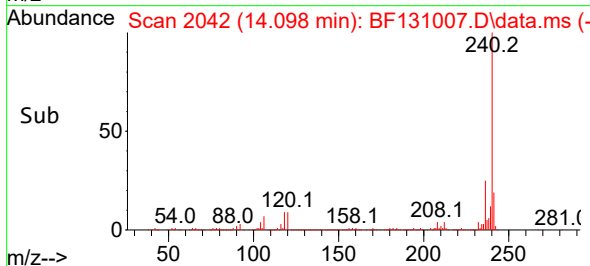
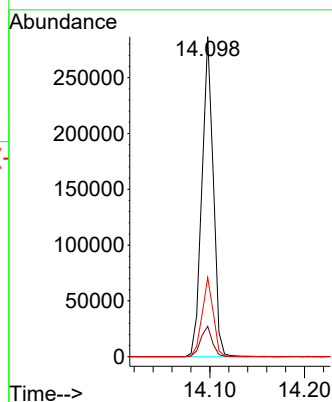
Tgt Ion:240 Resp: 239489

Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.4

236 24.8 20.5 30.7



#77

Benidine

Concen: 2.131 ng

RT: 13.039 min Scan# 1862

Delta R.T. 0.247 min

Lab File: BF131007.D

Acq: 05 Nov 2022 00:10

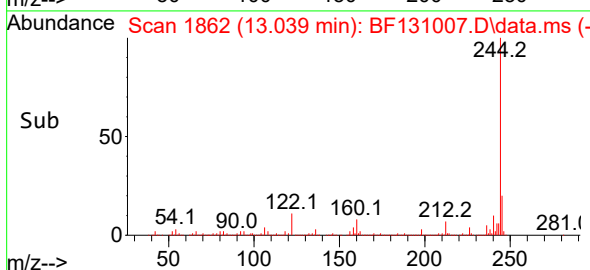
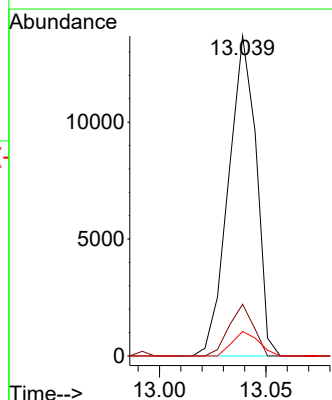
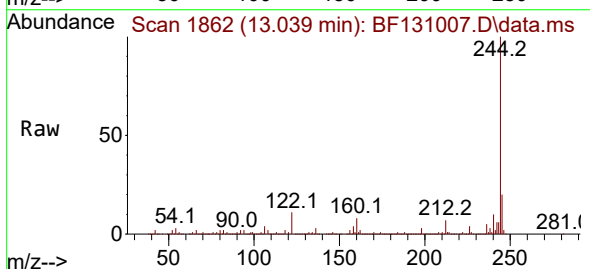
Tgt Ion:184 Resp: 12388

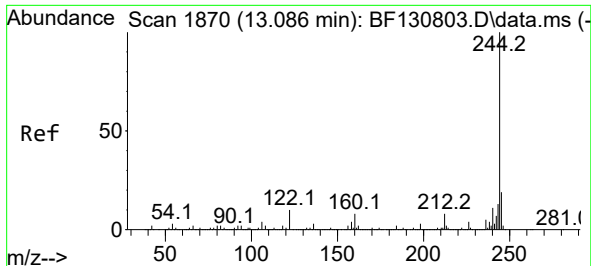
Ion Ratio Lower Upper

184 100

185 16.2 11.8 17.8

183 7.7 9.7 14.5#

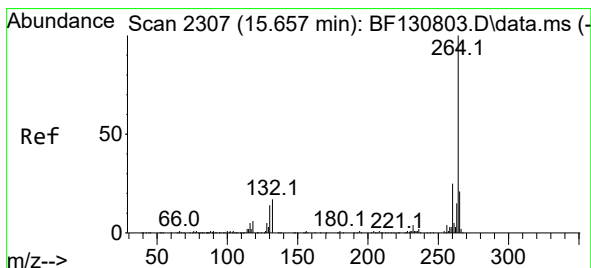
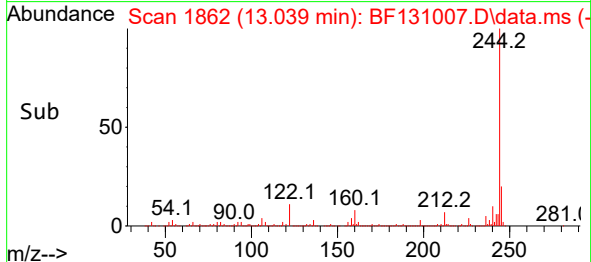
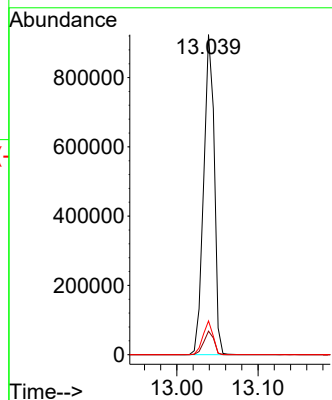
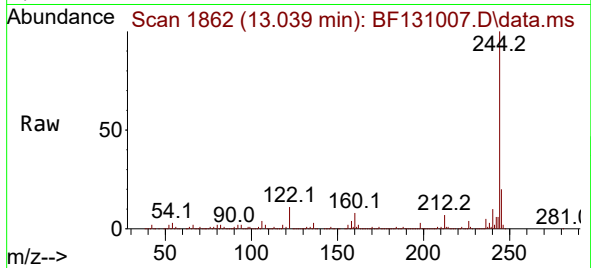




#79
 Terphenyl-d14
 Concen: 63.955 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131007.D
 Acq: 05 Nov 2022 00:10

Instrument :
 BNA_F
 ClientSampleId :
 20221106-COMP-05

Tgt Ion:244 Resp: 835850
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: BF131007.D
 Acq: 05 Nov 2022 00:10

Tgt Ion:264 Resp: 184926
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.9 29.9
 265 21.3 17.0 25.6

