

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130824.D
 Acq On : 28 Oct 2022 13:25
 Operator : CG\JU
 Sample : N5267-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-1024

Quant Time: Oct 28 16:51:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 04:00:21 2022
 Response via : Initial Calibration

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

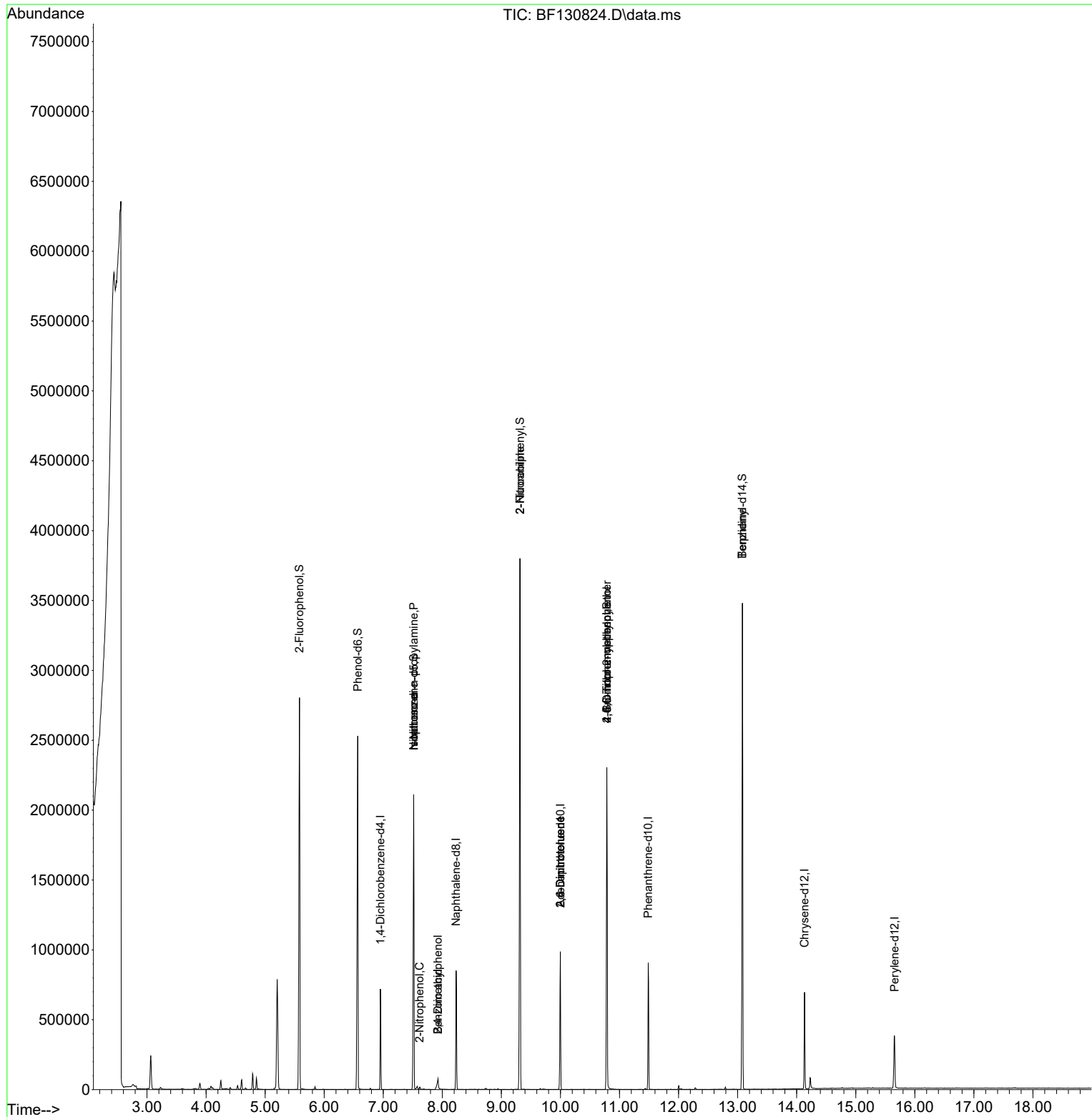
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	94291	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	352527	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	188410	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	319250	20.000	ng	0.00
76) Chrysene-d12	14.133	240	209024	20.000	ng	-0.01
86) Perylene-d12	15.657	264	179661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	721239	132.605	ng	0.02
7) Phenol-d6	6.569	99	827078	117.018	ng	0.00
23) Nitrobenzene-d5	7.516	82	661057	113.072	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	238183	150.175	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1187295	95.274	ng	0.00
79) Terphenyl-d14	13.080	244	1148178	100.657	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	92357	19.205	ng	# 78
25) Isophorone	7.516	82	660131	54.756	ng	# 66
26) 2-Nitrophenol	7.616	139	57	4.102	ng	# 30
27) 2,4-Dimethylphenol	7.928	122	22899	4.564	ng	# 2
32) Benzoic acid	7.928	122	22899	13.074	ng	# 89
48) 2-Nitroaniline	9.316	65	2448	4.793	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	24147	12.034	ng	# 14
57) 2,4-Dinitrotoluene	9.998	165	24147	10.916	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.786	198	658	8.340	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	16036	4.995	ng	# 1
77) Benzidine	13.080	184	17223	3.394	ng	# 93

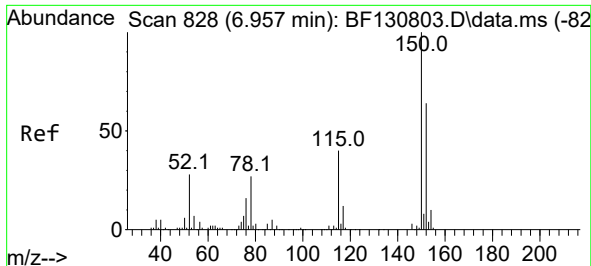
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
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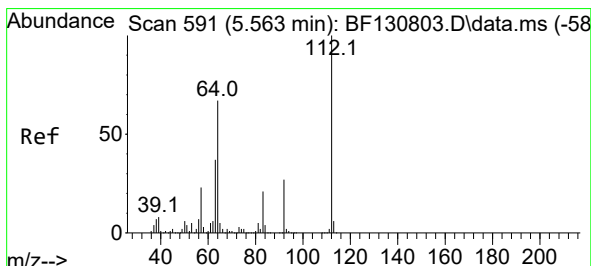
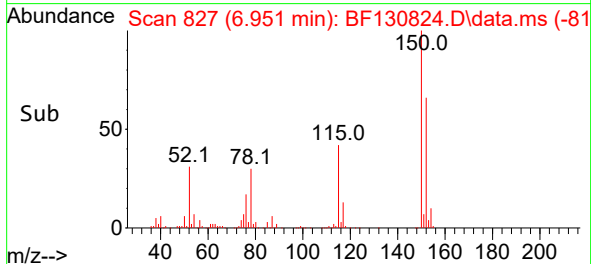
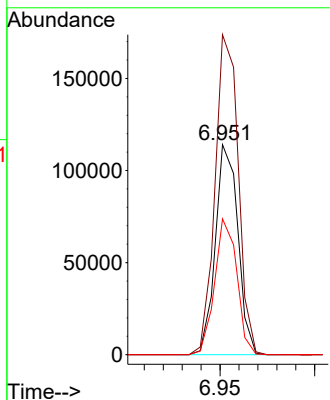
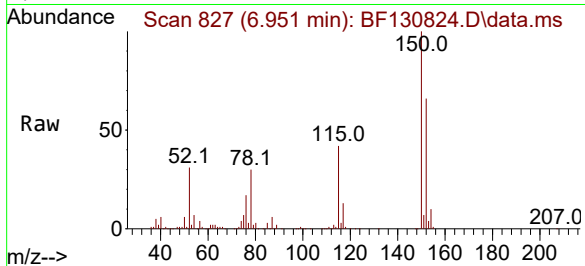




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF130824.D
 Acq: 28 Oct 2022 13:25

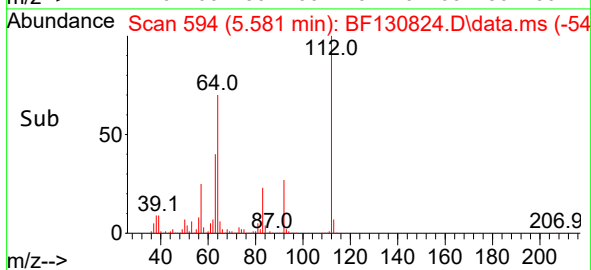
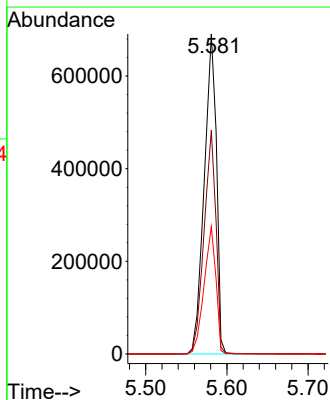
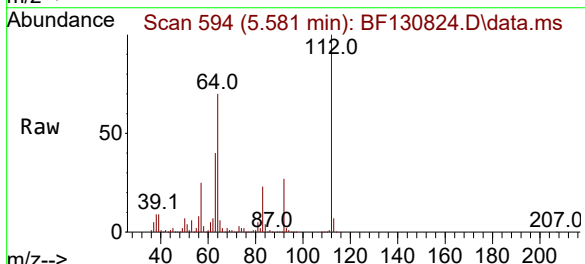
Instrument :
 BNA_F
 ClientSampleId :
 TP1-1024

Tgt Ion:152 Resp: 94291
 Ion Ratio Lower Upper
 152 100
 150 152.3 124.1 186.1
 115 64.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 132.605 ng
 RT: 5.581 min Scan# 594
 Delta R.T. 0.018 min
 Lab File: BF130824.D
 Acq: 28 Oct 2022 13:25

Tgt Ion:112 Resp: 721239
 Ion Ratio Lower Upper
 112 100
 64 69.9 53.9 80.9
 63 39.8 29.4 44.2

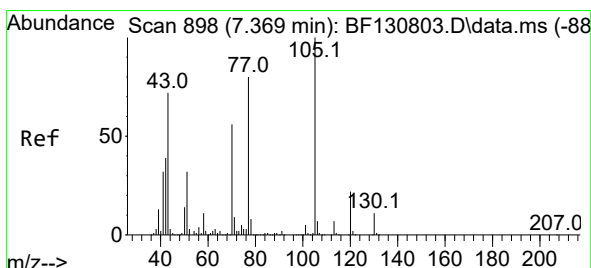
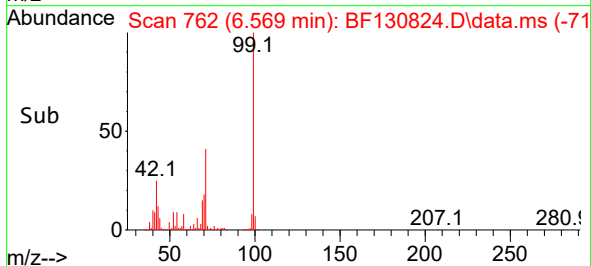
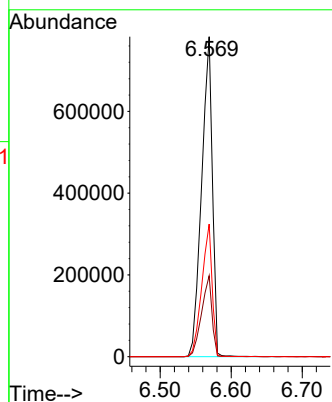
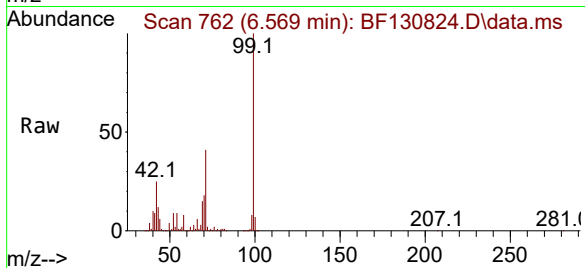




#7
Phenol-d6
Concen: 117.018 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

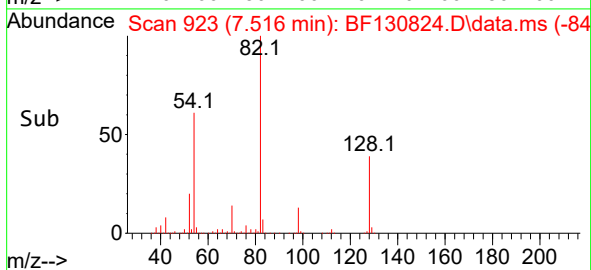
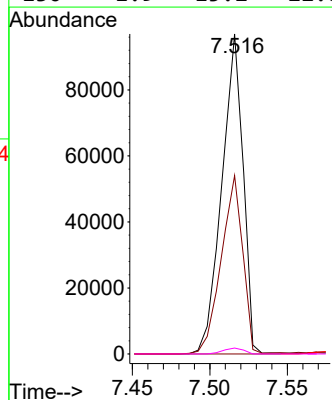
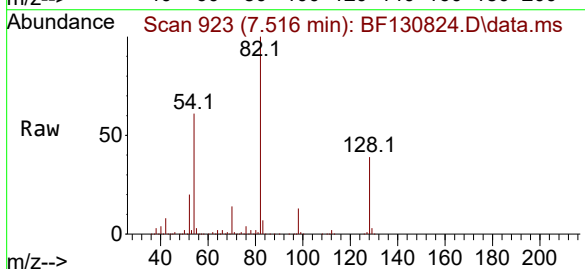
Instrument :
BNA_F
ClientSampleId :
TP1-1024

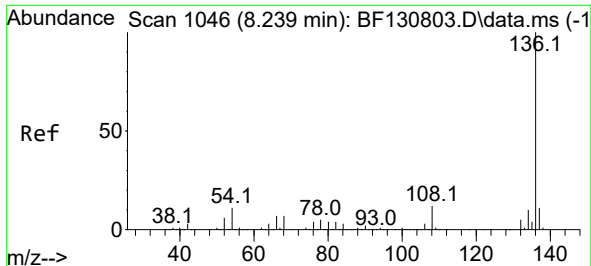
Tgt Ion: 99 Resp: 827078
Ion Ratio Lower Upper
99 100
42 25.3 18.8 28.2
71 41.5 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.205 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

Tgt Ion: 70 Resp: 92357
Ion Ratio Lower Upper
70 100
42 55.8 56.1 84.1#
101 0.0 7.3 10.9#
130 1.9 15.2 22.8#

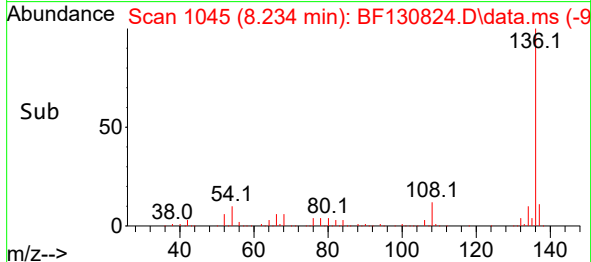
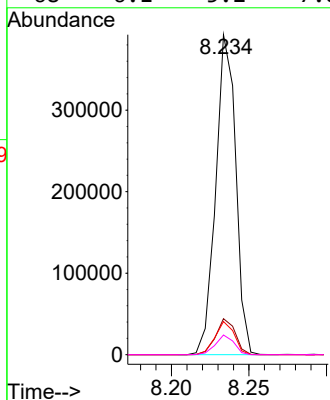
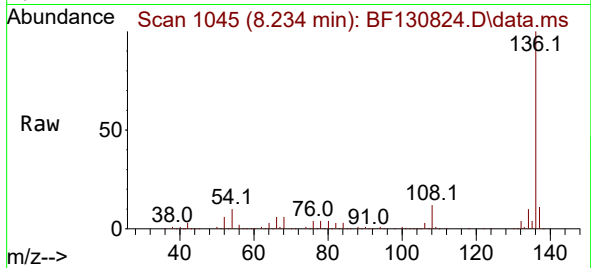




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.005 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

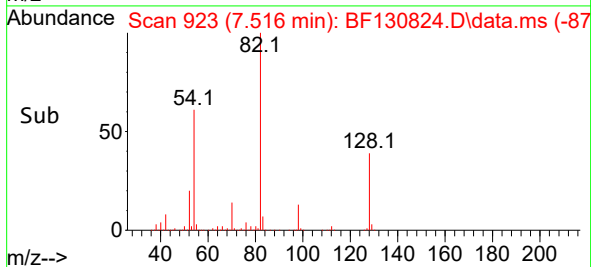
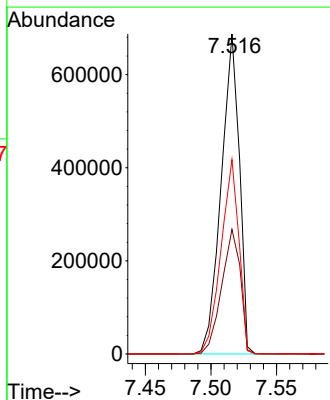
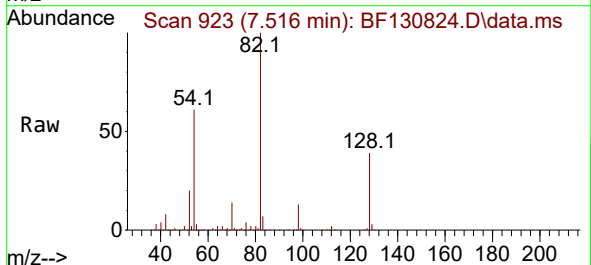
Instrument :
BNA_F
ClientSampleId :
TP1-1024

Tgt Ion:	136	Resp:	352527
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	10.3	8.8	13.2
68	6.1	5.2	7.8



#23
Nitrobenzene-d5
Concen: 113.072 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

Tgt Ion:	82	Resp:	661057
Ion	Ratio	Lower	Upper
82	100		
128	38.9	31.2	46.8
54	60.8	48.0	72.0

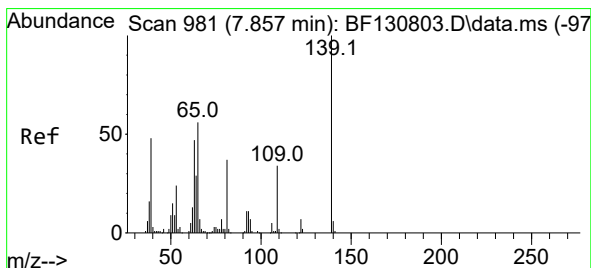
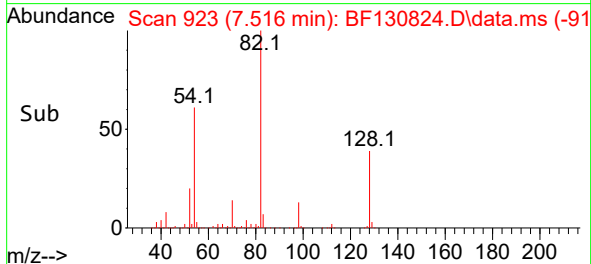
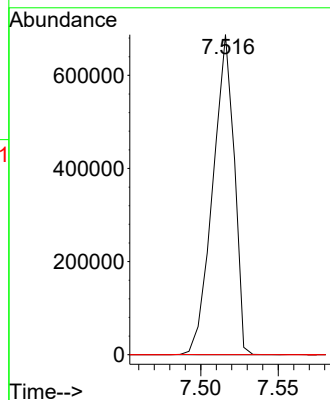
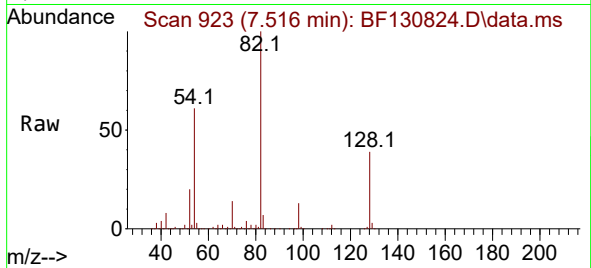




#25
Isophorone
Concen: 54.756 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

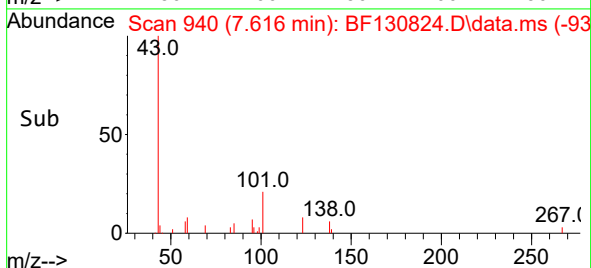
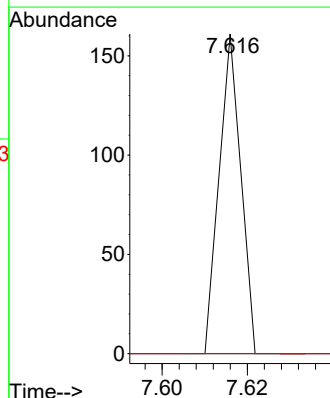
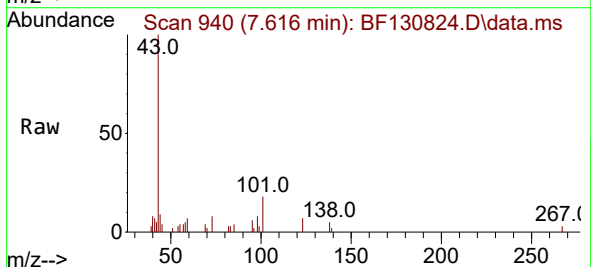
Instrument :
BNA_F
ClientSampleId :
TP1-1024

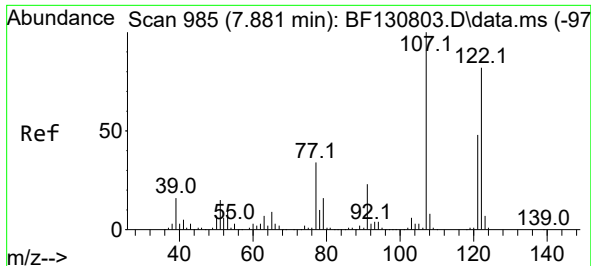
Tgt Ion: 82 Resp: 660131
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#26
2-Nitrophenol
Concen: 4.102 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.241 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

Tgt Ion:139 Resp: 57
Ion Ratio Lower Upper
139 100
109 0.0 27.3 40.9#
65 0.0 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 4.564 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.047 min

Lab File: BF130824.D

Acq: 28 Oct 2022 13:25

Instrument :

BNA_F

ClientSampleId :

TP1-1024

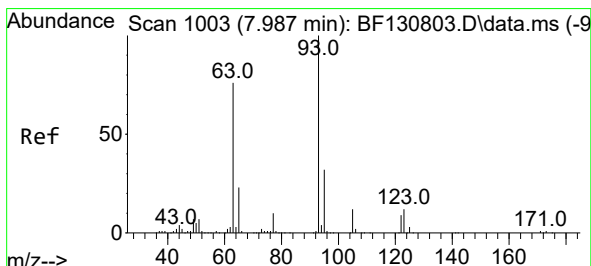
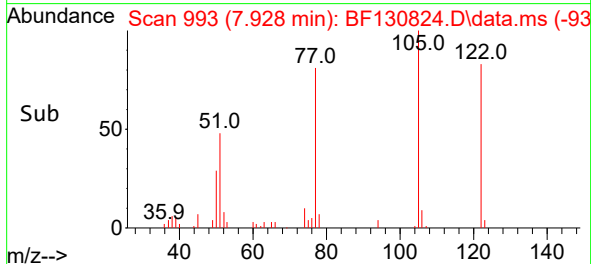
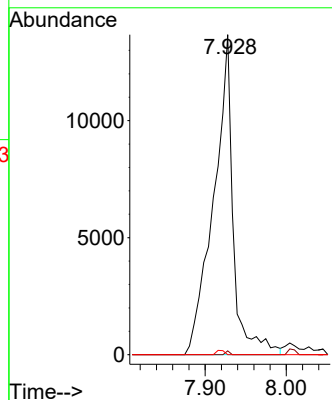
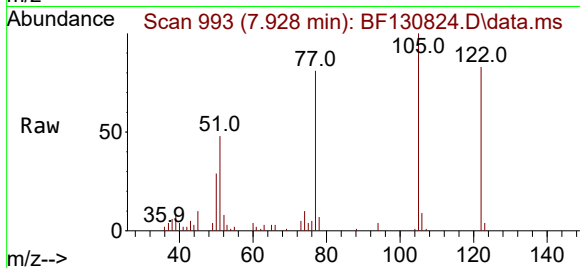
Tgt Ion:122 Resp: 22899

Ion Ratio Lower Upper

122 100

107 1.2 97.1 145.7#

121 0.0 46.9 70.3#



#32

Benzoic acid

Concen: 13.074 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.059 min

Lab File: BF130824.D

Acq: 28 Oct 2022 13:25

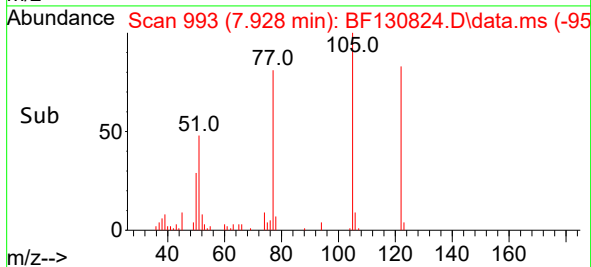
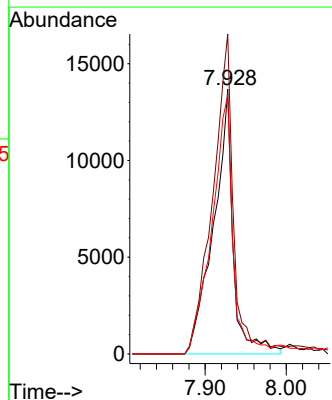
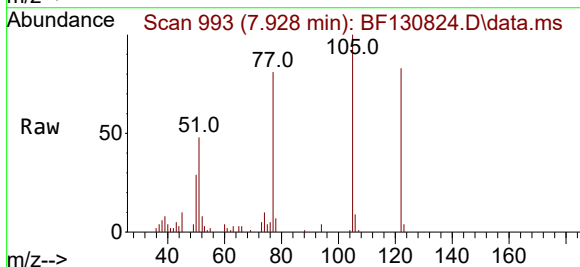
Tgt Ion:122 Resp: 22899

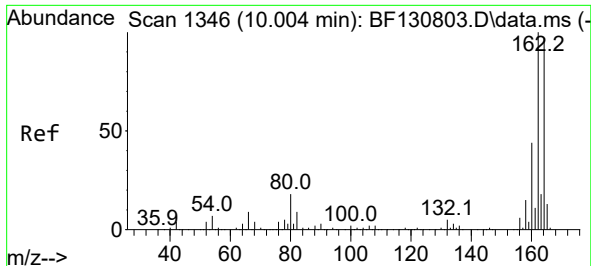
Ion Ratio Lower Upper

122 100

105 120.9 114.5 154.5

77 97.7 89.8 129.8

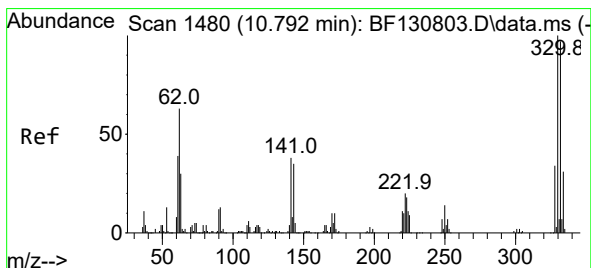
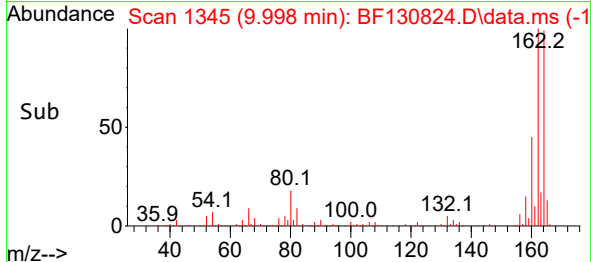
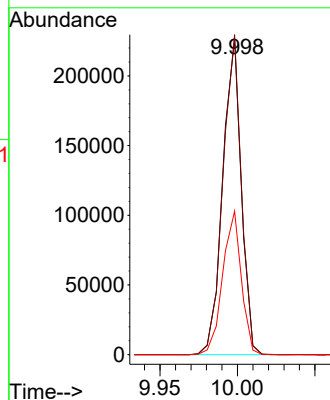
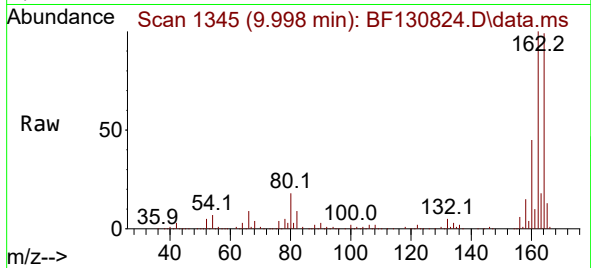




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

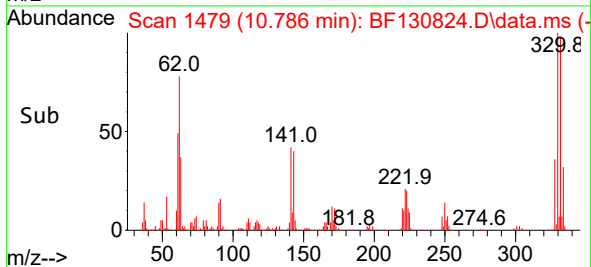
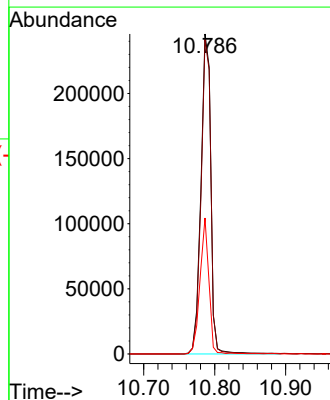
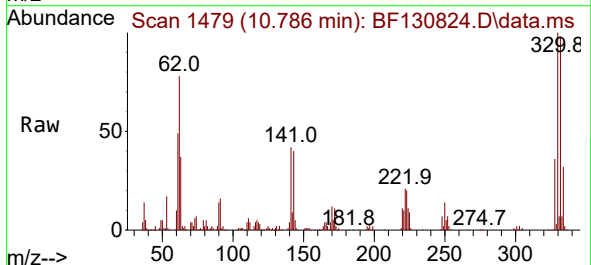
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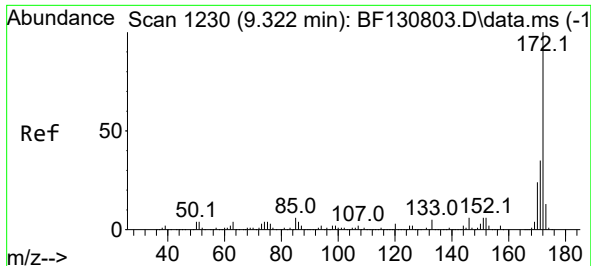
Tgt Ion:164 Resp: 188410
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 45.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 150.175 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

Tgt Ion:330 Resp: 238183
Ion Ratio Lower Upper
330 100
332 97.6 76.2 114.4
141 38.6 31.4 47.0

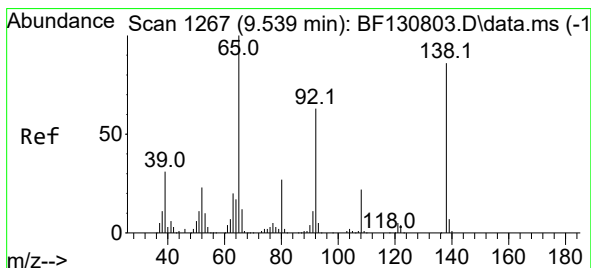
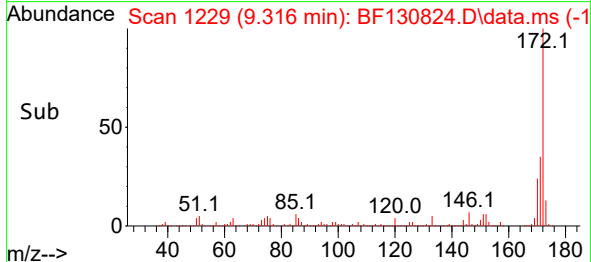
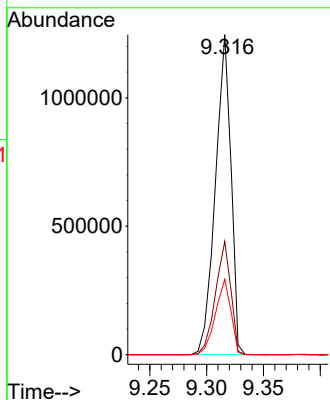
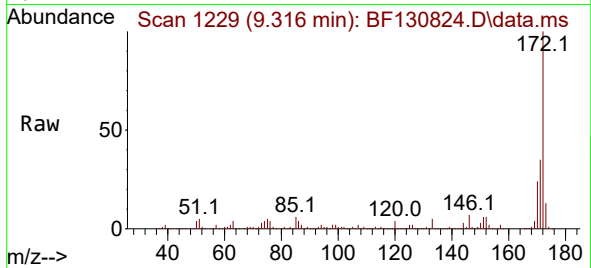




#45
2-Fluorobiphenyl
Concen: 95.274 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

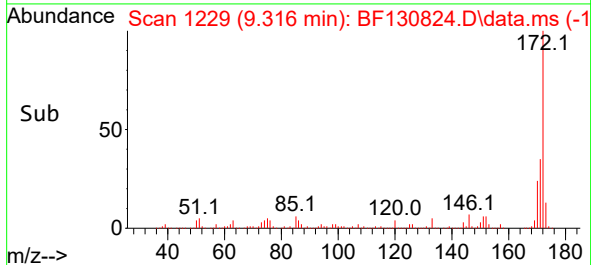
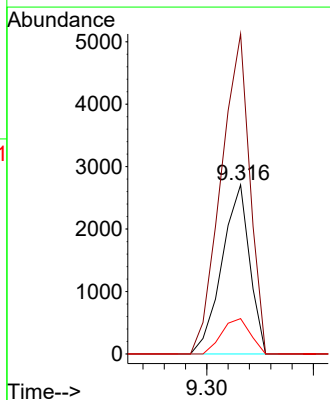
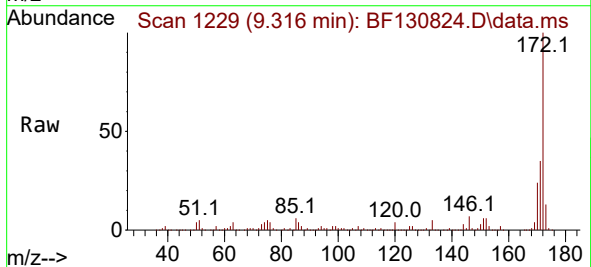
Instrument :
BNA_F
ClientSampleId :
TP1-1024

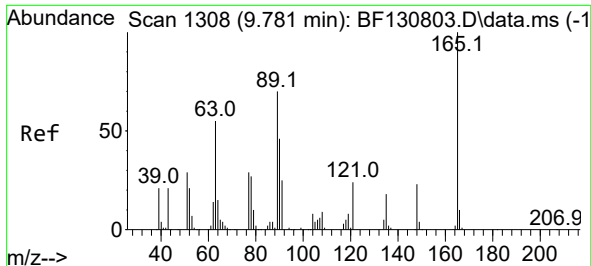
Tgt Ion:172 Resp: 1187295
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.5 19.0 28.4



#48
2-Nitroaniline
Concen: 4.793 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.223 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

Tgt Ion: 65 Resp: 2448
Ion Ratio Lower Upper
65 100
92 189.2 50.1 75.1#
138 20.9 69.2 103.8#

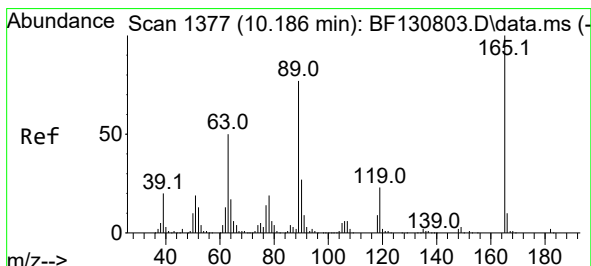
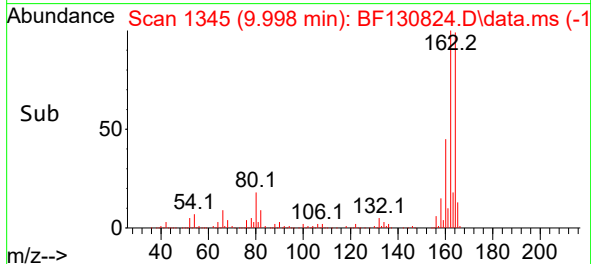
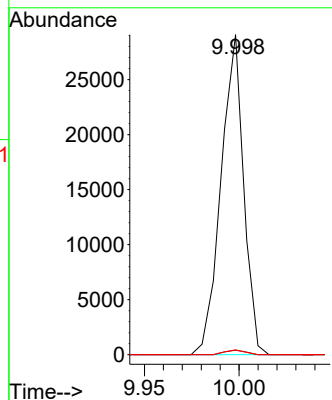
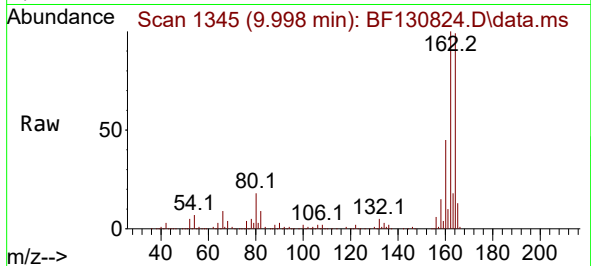




#51
2,6-Dinitrotoluene
Concen: 12.034 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.217 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

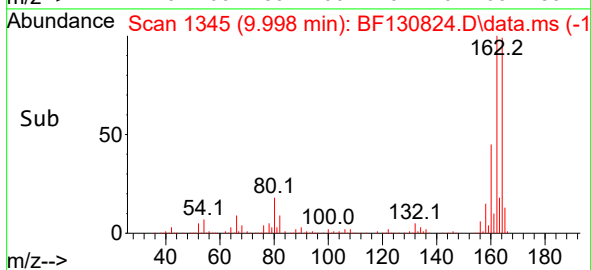
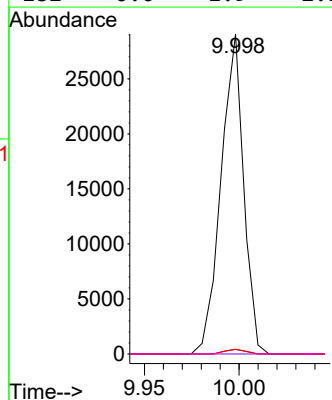
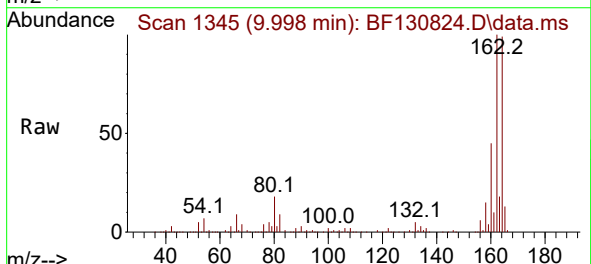
Instrument :
BNA_F
ClientSampleId :
TP1-1024

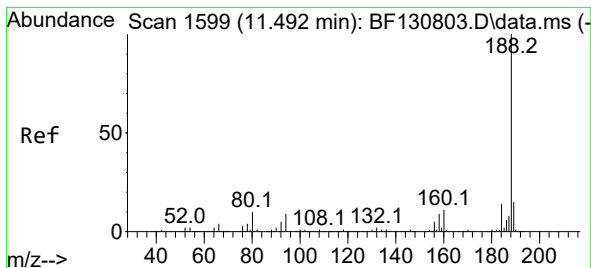
Tgt Ion:165 Resp: 24147
Ion Ratio Lower Upper
165 100
63 1.4 61.8 92.8#
89 1.5 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.916 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.188 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

Tgt Ion:165 Resp: 24147
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: 11.486 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130824.D

Acq: 28 Oct 2022 13:25

Instrument :

BNA_F

ClientSampleId :

TP1-1024

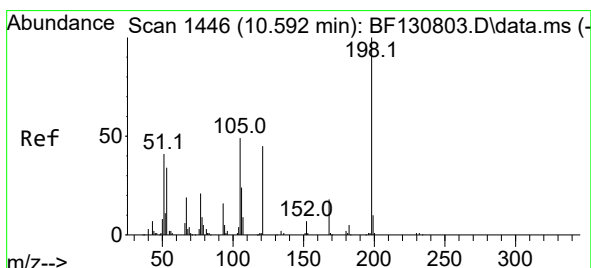
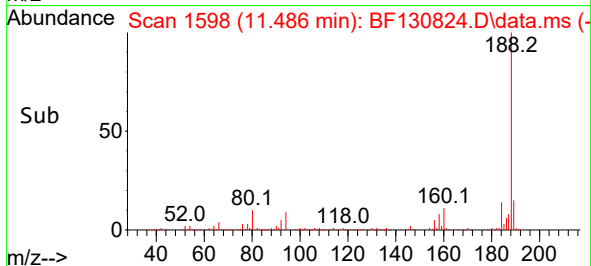
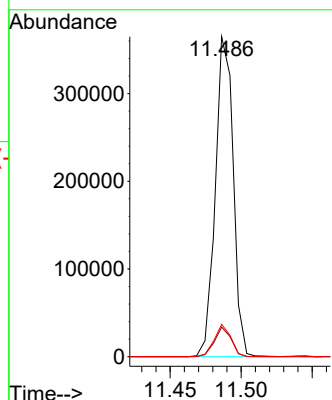
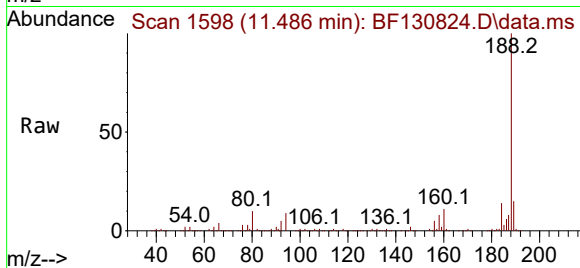
Tgt Ion:188 Resp: 319250

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.1 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.340 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.194 min

Lab File: BF130824.D

Acq: 28 Oct 2022 13:25

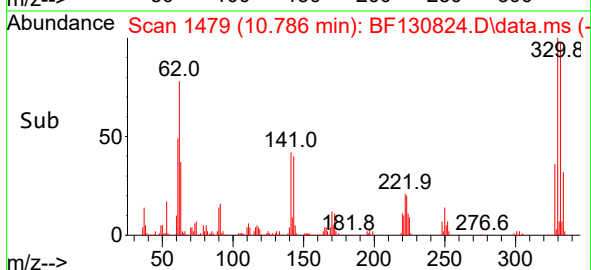
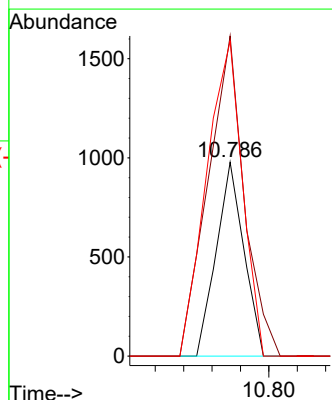
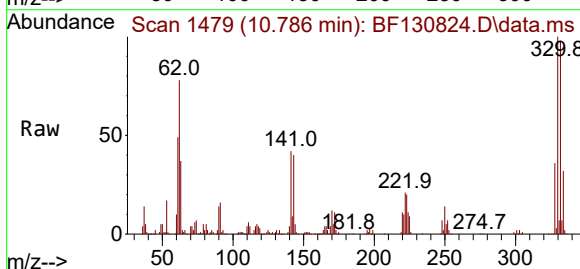
Tgt Ion:198 Resp: 658

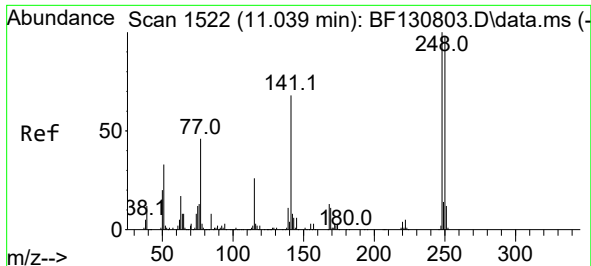
Ion Ratio Lower Upper

198 100

51 165.1 39.0 79.0#

105 162.6 30.6 70.6#

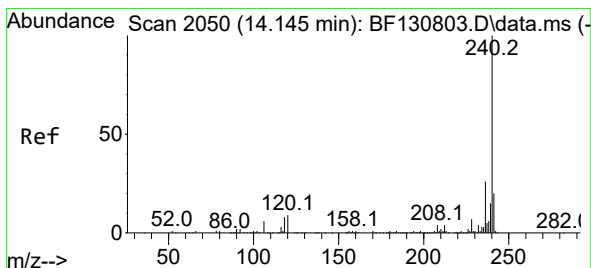
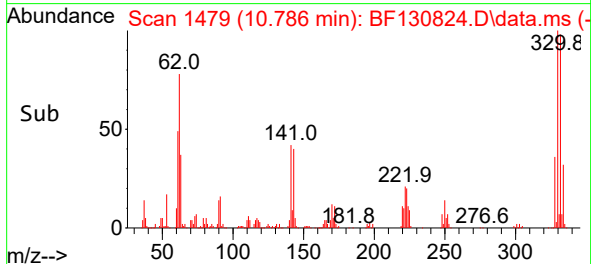
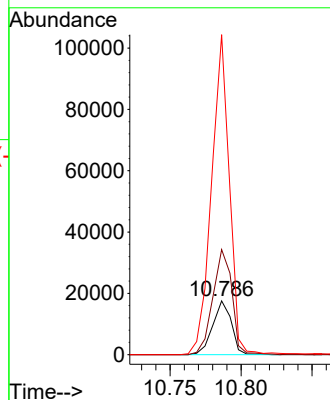
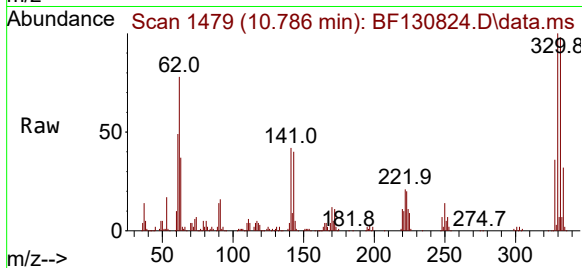




#67
4-Bromophenyl-phenylether
Concen: 4.995 ng
RT: 10.786 min Scan# 141
Delta R.T. -0.253 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

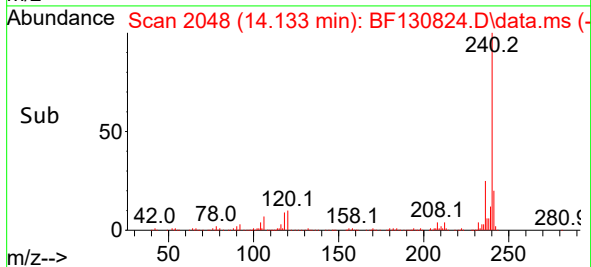
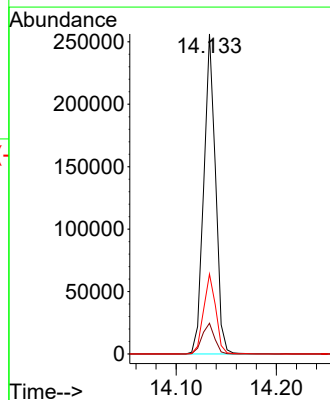
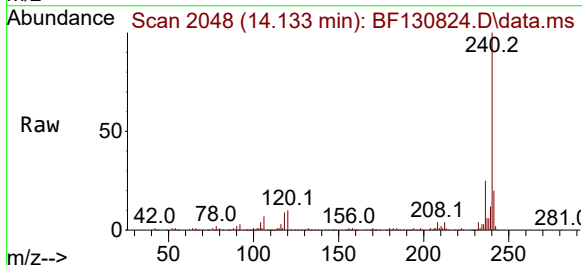
Instrument :
BNA_F
ClientSampleId :
TP1-1024

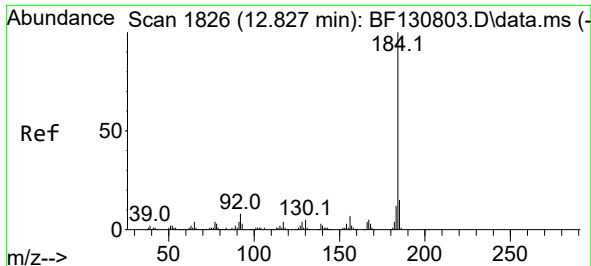
Tgt Ion:248 Resp: 16036
Ion Ratio Lower Upper
248 100
250 195.3 78.6 117.8#
141 594.4 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

Tgt Ion:240 Resp: 209024
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.4
236 25.0 20.5 30.7

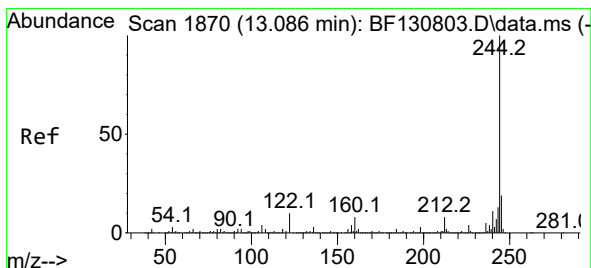
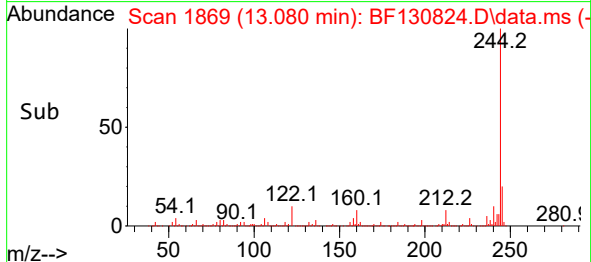
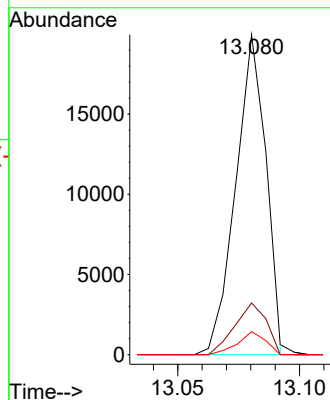
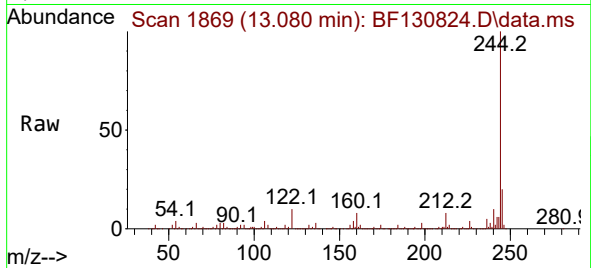




#77
Benzidine
Concen: 3.394 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.253 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

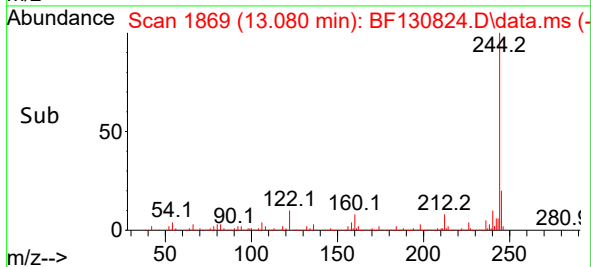
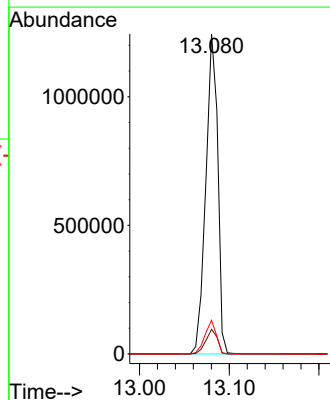
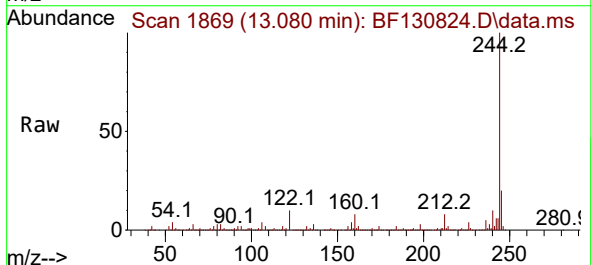
Instrument :
BNA_F
ClientSampleId :
TP1-1024

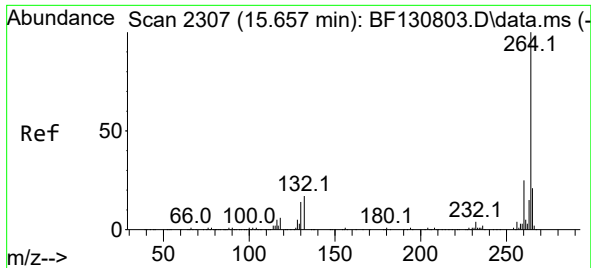
Tgt Ion:184 Resp: 17223
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.8
183 7.2 9.7 14.5#



#79
Terphenyl-d14
Concen: 100.657 ng
RT: 13.080 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

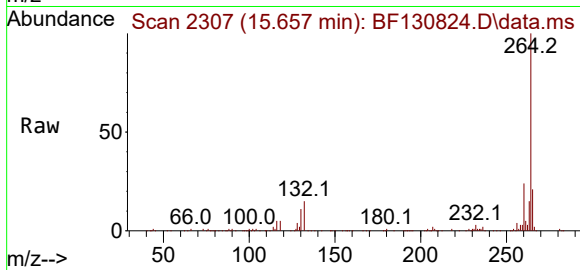
Tgt Ion:244 Resp: 1148178
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 10.5 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130824.D
Acq: 28 Oct 2022 13:25

Instrument :
BNA_F
ClientSampleId :
TP1-1024



Tgt Ion:264 Resp: 179661

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.9	29.9
265	20.9	17.0	25.6

