

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130826.D
 Acq On : 28 Oct 2022 14:27
 Operator : CG\JU
 Sample : N5267-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-1024

Quant Time: Oct 28 16:52:18 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)

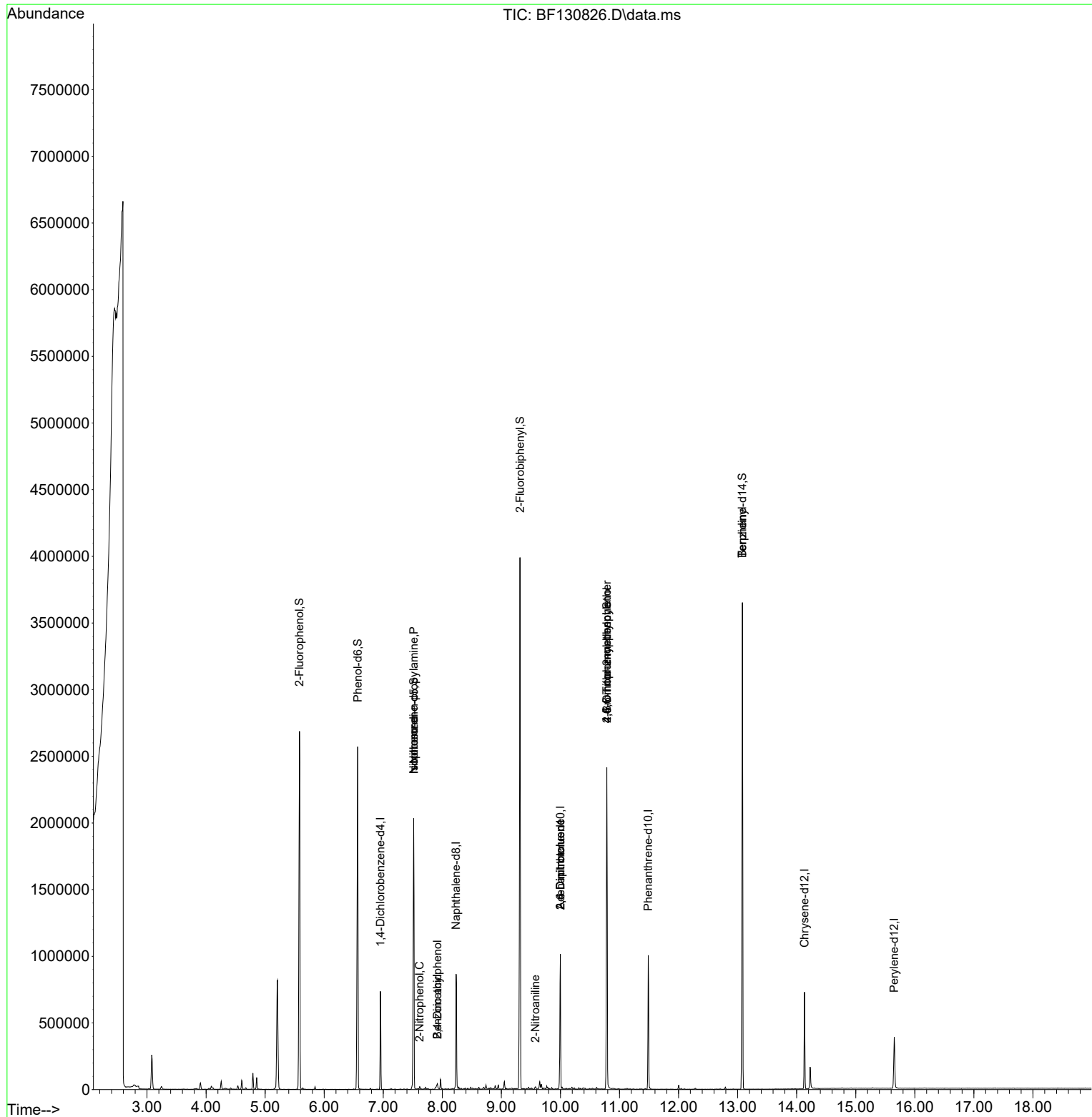
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	97121	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	372325	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	197021	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	342143	20.000	ng	0.00
76) Chrysene-d12	14.133	240	223102	20.000	ng	-0.01
86) Perylene-d12	15.651	264	173928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	756290	134.998	ng	0.02
7) Phenol-d6	6.569	99	866478	119.020	ng	0.00
23) Nitrobenzene-d5	7.516	82	683857	110.752	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	248848	150.042	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1207107	92.630	ng	0.00
79) Terphenyl-d14	13.080	244	1208954	99.298	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	94901	19.159	ng	# 77
25) Isophorone	7.516	82	683703	53.695	ng	# 66
26) 2-Nitrophenol	7.616	139	96	4.115	ng	# 30
27) 2,4-Dimethylphenol	7.916	122	11877	2.241	ng	# 1
32) Benzoic acid	7.916	122	11877	10.329	ng	# 84
48) 2-Nitroaniline	9.575	65	109	4.174	ng	# 12
51) 2,6-Dinitrotoluene	9.998	165	26015	12.314	ng	# 15
57) 2,4-Dinitrotoluene	9.998	165	26015	11.134	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.786	198	584	8.269	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	16651	4.839	ng	# 1
77) Benzidine	13.080	184	18376	3.393	ng	# 94

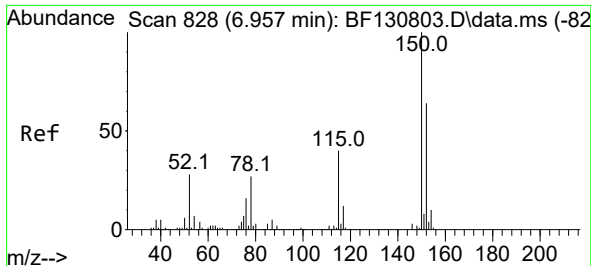
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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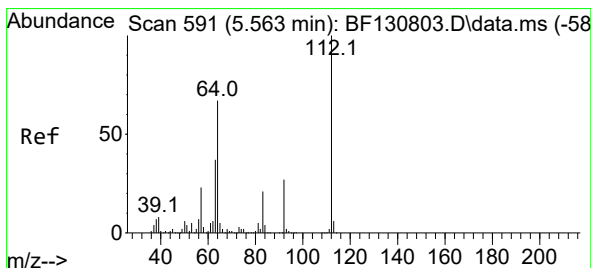
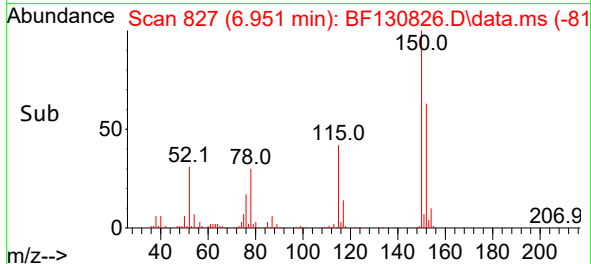
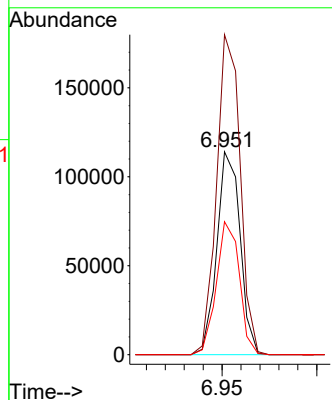
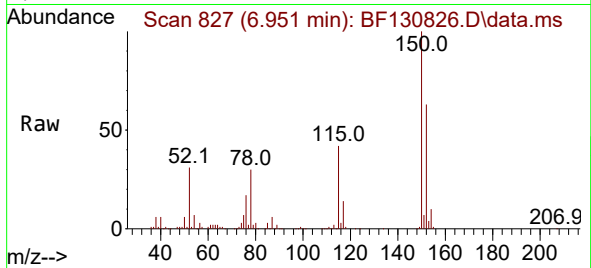




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130826.D
Acq: 28 Oct 2022 14:27

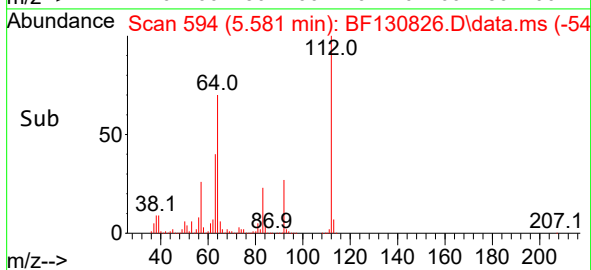
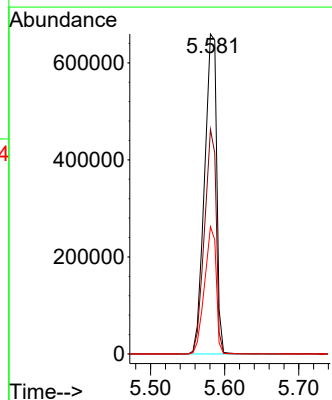
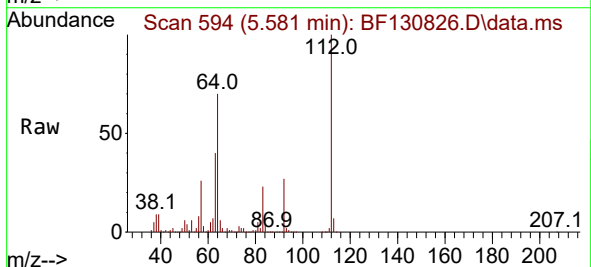
Instrument :
BNA_F
ClientSampleId :
TP3-1024

Tgt Ion:152 Resp: 97121
Ion Ratio Lower Upper
152 100
150 157.7 124.1 186.1
115 65.5 50.1 75.1



#5
2-Fluorophenol
Concen: 134.998 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.018 min
Lab File: BF130826.D
Acq: 28 Oct 2022 14:27

Tgt Ion:112 Resp: 756290
Ion Ratio Lower Upper
112 100
64 70.2 53.9 80.9
63 39.8 29.4 44.2

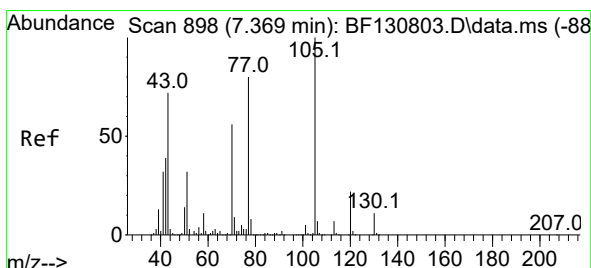
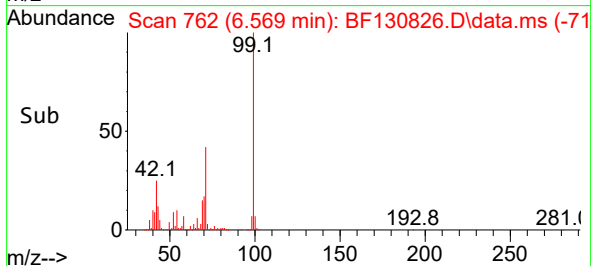
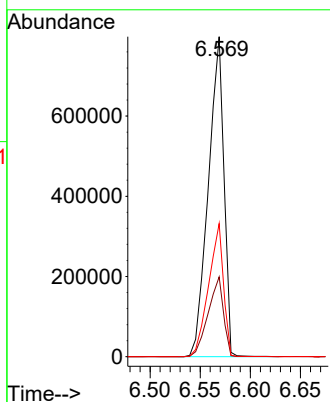
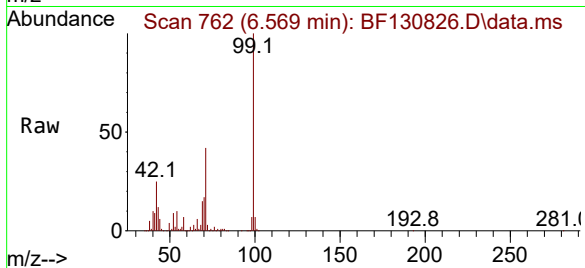




#7
Phenol-d6
Concen: 119.020 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130826.D
Acq: 28 Oct 2022 14:27

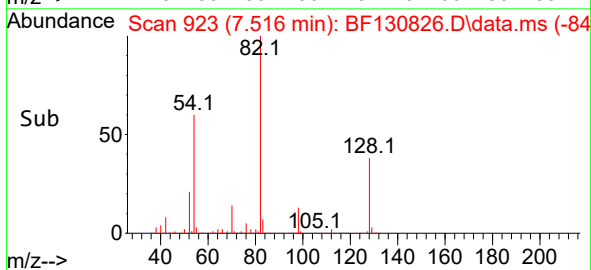
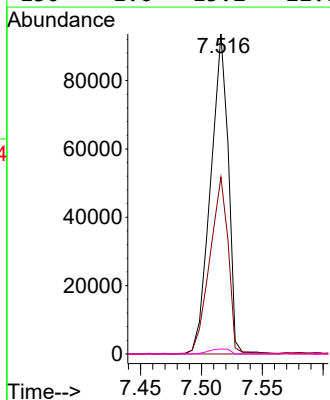
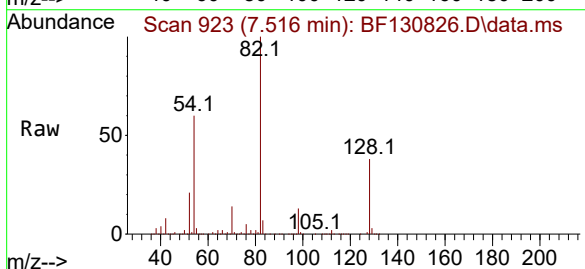
Instrument :
BNA_F
ClientSampleId :
TP3-1024

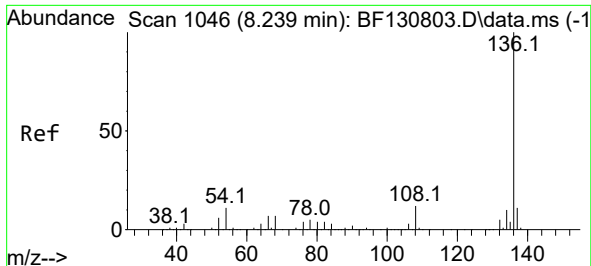
Tgt Ion: 99 Resp: 866478
Ion Ratio Lower Upper
99 100
42 25.0 18.8 28.2
71 41.6 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.159 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF130826.D
Acq: 28 Oct 2022 14:27

Tgt Ion: 70 Resp: 94901
Ion Ratio Lower Upper
70 100
42 55.3 56.1 84.1#
101 0.0 7.3 10.9#
130 1.6 15.2 22.8#

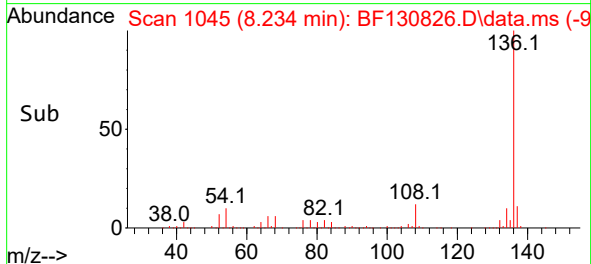
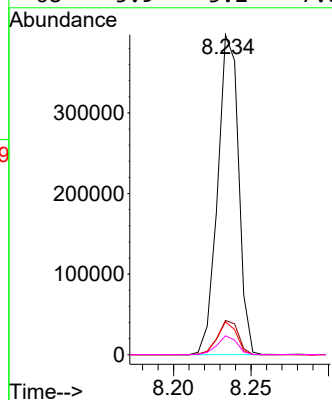
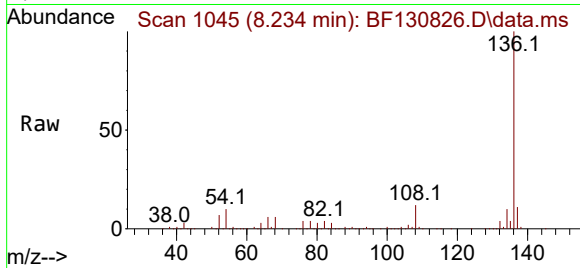




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.005 min
Lab File: BF130826.D
Acq: 28 Oct 2022 14:27

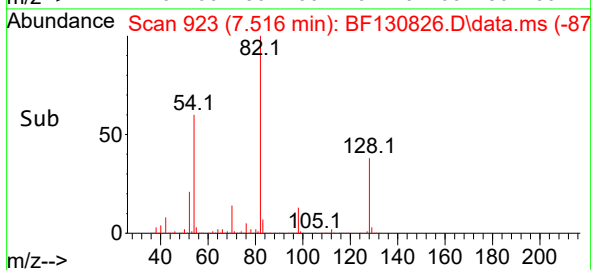
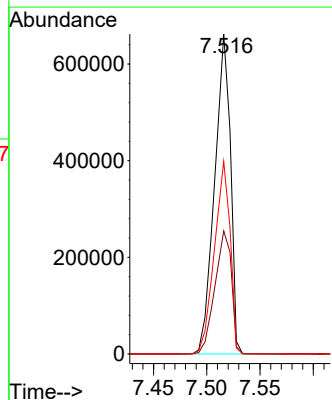
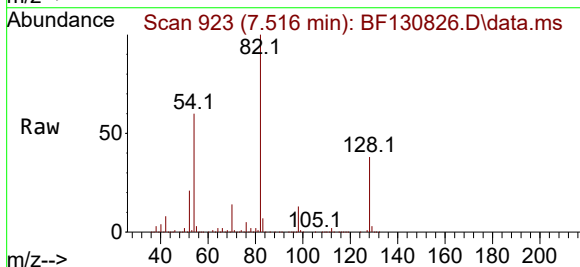
Instrument :
BNA_F
ClientSampleId :
TP3-1024

Tgt Ion:	136	Resp:	372325
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	10.3	8.8	13.2
68	5.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 110.752 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF130826.D
Acq: 28 Oct 2022 14:27

Tgt Ion:	82	Resp:	683857
Ion	Ratio	Lower	Upper
82	100		
128	38.5	31.2	46.8
54	60.2	48.0	72.0

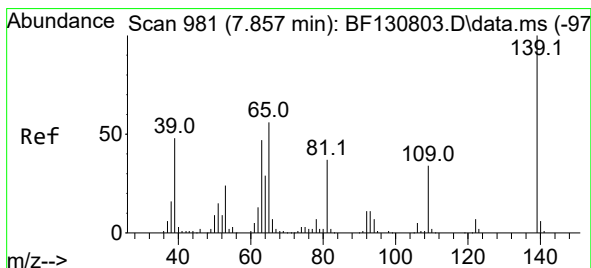
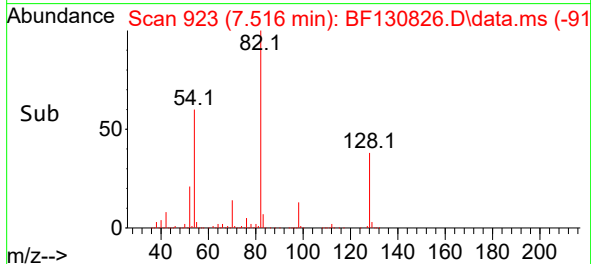
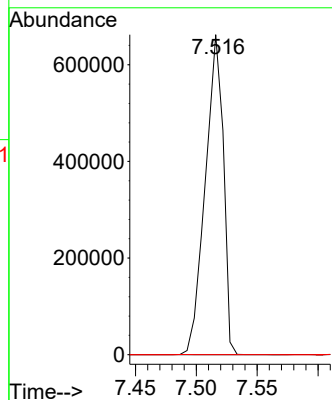
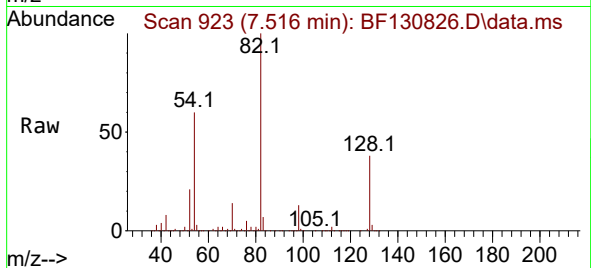




#25
Isophorone
Concen: 53.695 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130826.D
Acq: 28 Oct 2022 14:27

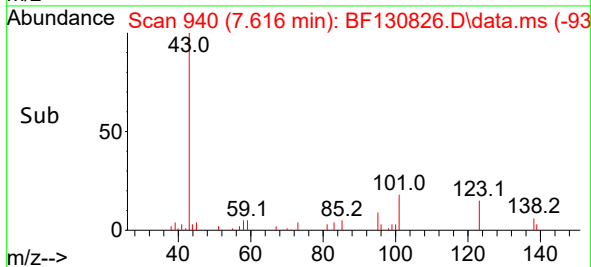
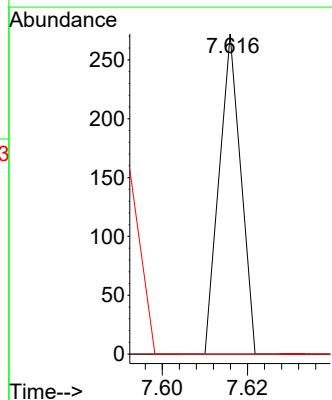
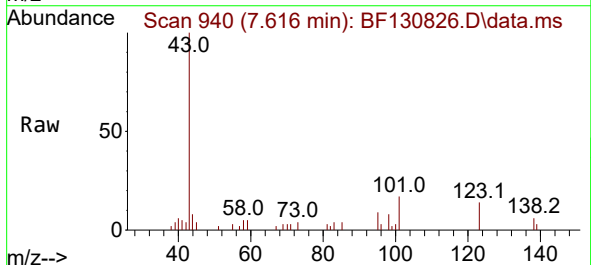
Instrument :
BNA_F
ClientSampleId :
TP3-1024

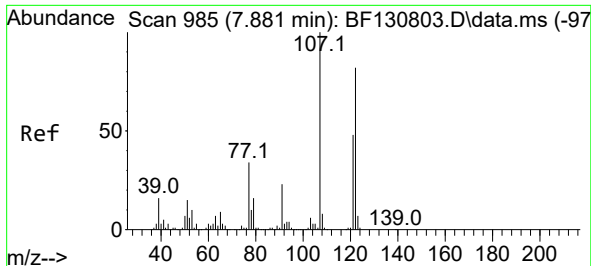
Tgt Ion: 82 Resp: 683703
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#26
2-Nitrophenol
Concen: 4.115 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.241 min
Lab File: BF130826.D
Acq: 28 Oct 2022 14:27

Tgt Ion:139 Resp: 96
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: 2.241 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.035 min

Lab File: BF130826.D

Acq: 28 Oct 2022 14:27

Instrument :

BNA_F

ClientSampleId :

TP3-1024

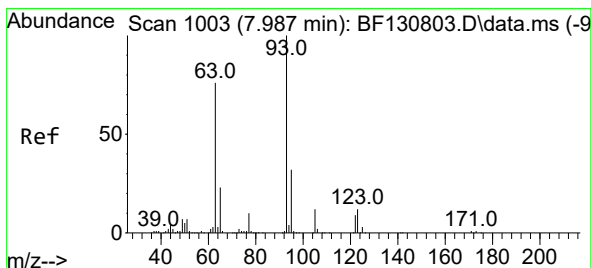
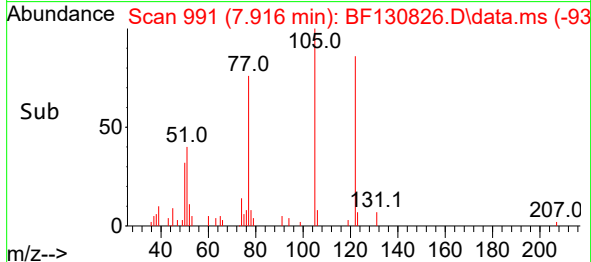
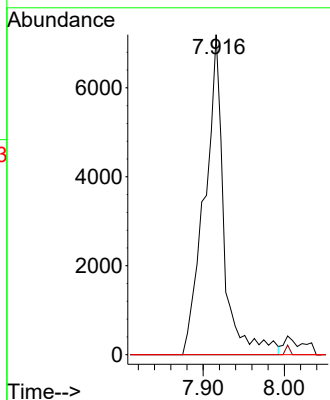
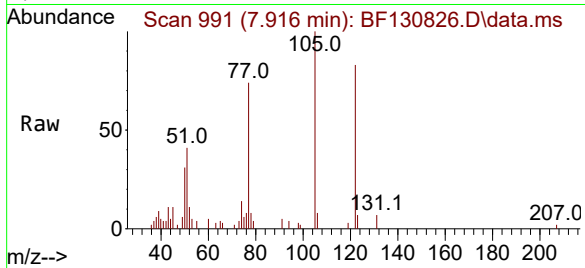
Tgt Ion:122 Resp: 11877

Ion Ratio Lower Upper

122 100

107 0.0 97.1 145.7#

121 0.0 46.9 70.3#



#32

Benzoic acid

Concen: 10.329 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.071 min

Lab File: BF130826.D

Acq: 28 Oct 2022 14:27

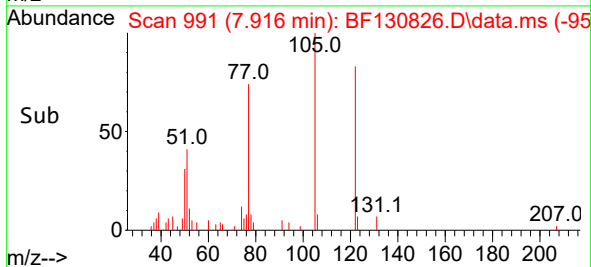
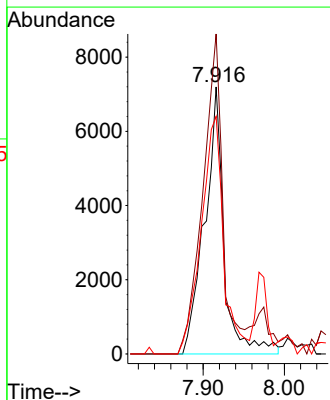
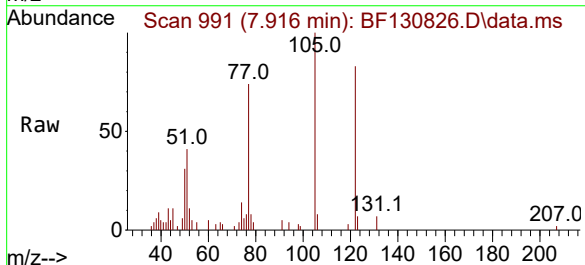
Tgt Ion:122 Resp: 11877

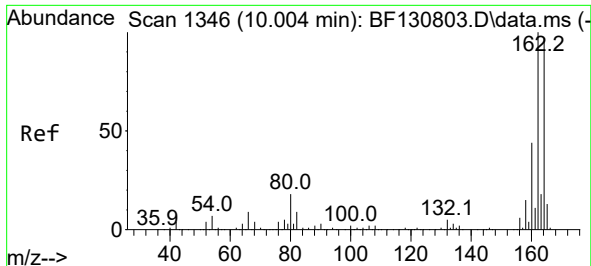
Ion Ratio Lower Upper

122 100

105 119.9 114.5 154.5

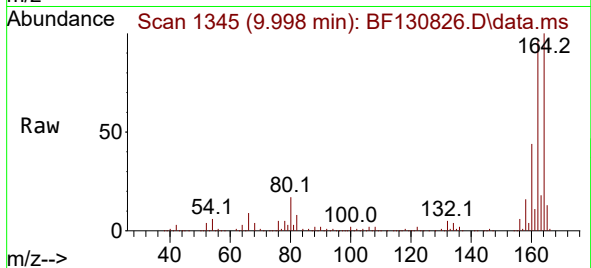
77 89.0 89.8 129.8#



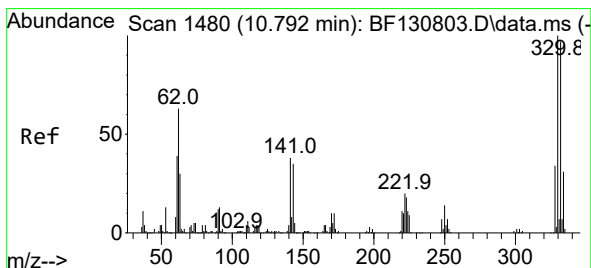
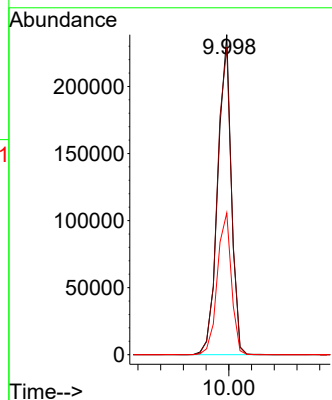
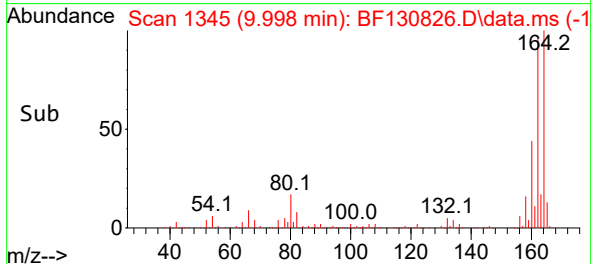


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130826.D
Acq: 28 Oct 2022 14:27

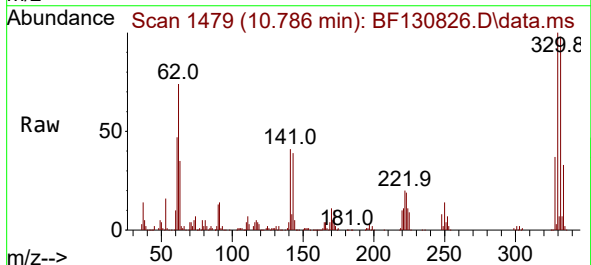
Instrument :
BNA_F
ClientSampleId :
TP3-1024



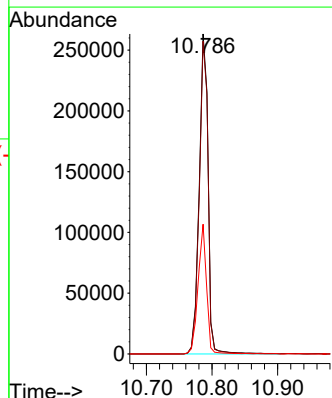
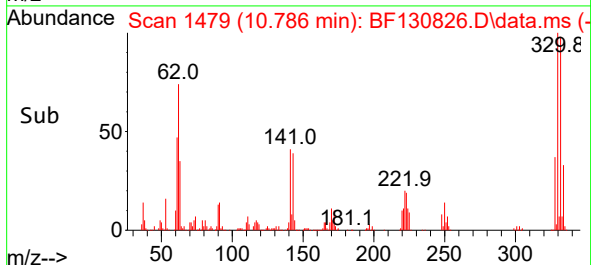
Tgt Ion:164 Resp: 197021
Ion Ratio Lower Upper
164 100
162 96.1 82.2 123.2
160 44.3 36.6 54.8

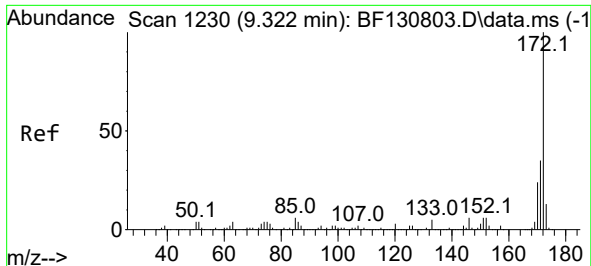


#42
2,4,6-Tribromophenol
Concen: 150.042 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF130826.D
Acq: 28 Oct 2022 14:27



Tgt Ion:330 Resp: 248848
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 38.7 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 92.630 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130826.D

Acq: 28 Oct 2022 14:27

Instrument :

BNA_F

ClientSampleId :

TP3-1024

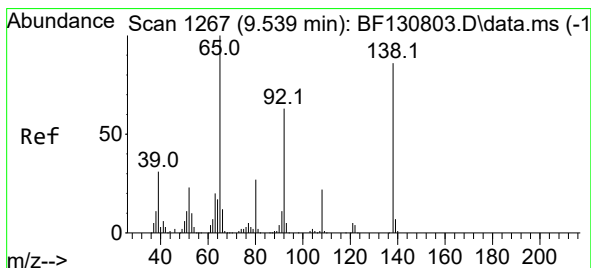
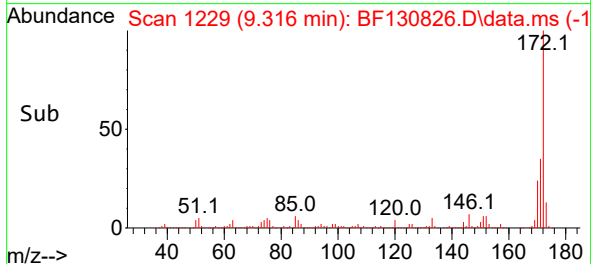
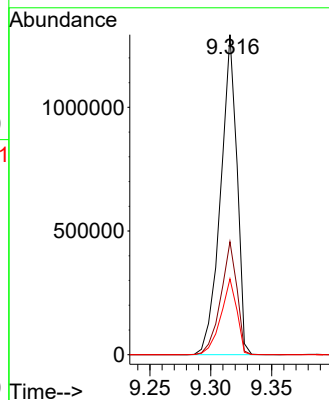
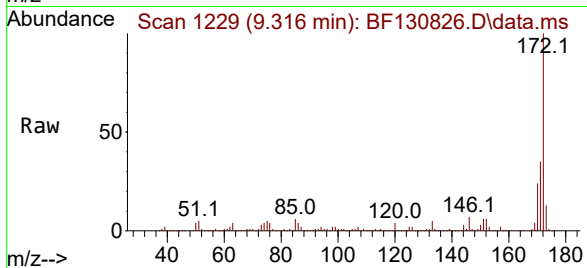
Tgt Ion:172 Resp: 1207107

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.7 19.0 28.4



#48

2-Nitroaniline

Concen: 4.174 ng

RT: 9.575 min Scan# 1273

Delta R.T. 0.036 min

Lab File: BF130826.D

Acq: 28 Oct 2022 14:27

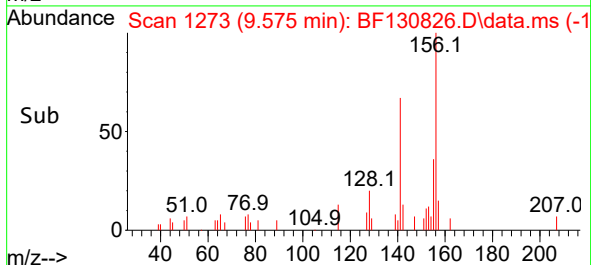
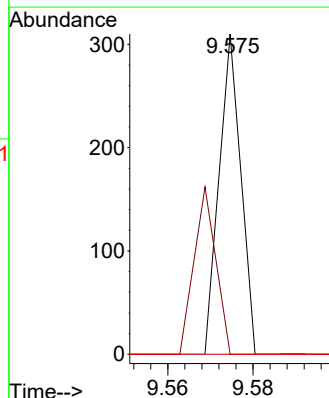
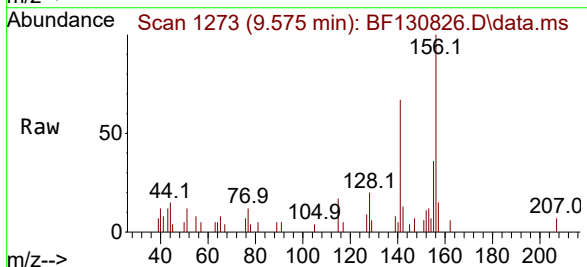
Tgt Ion: 65 Resp: 109

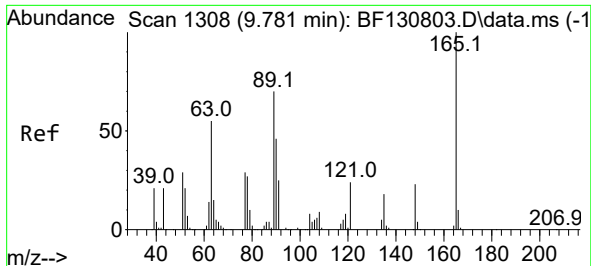
Ion Ratio Lower Upper

65 100

92 0.0 50.1 75.1#

138 0.0 69.2 103.8#





#51

2,6-Dinitrotoluene

Concen: 12.314 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.217 min

Lab File: BF130826.D

Acq: 28 Oct 2022 14:27

Instrument :

BNA_F

ClientSampleId :

TP3-1024

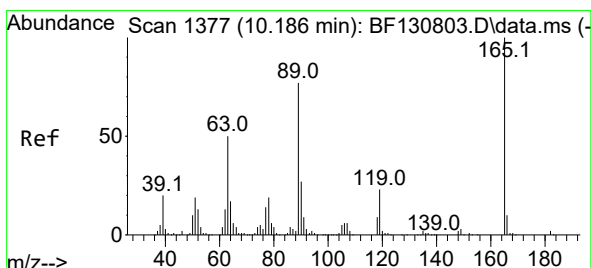
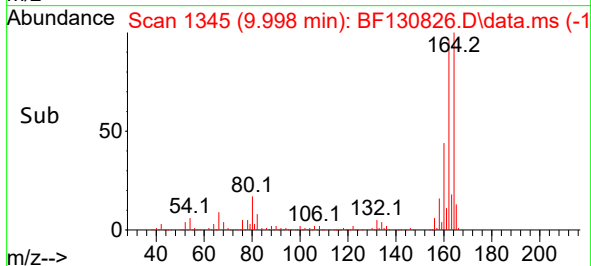
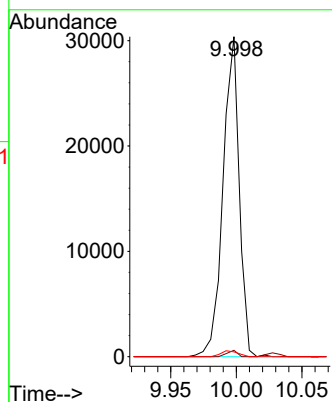
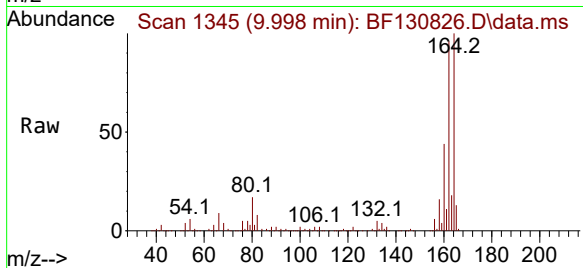
Tgt Ion:165 Resp: 26015

Ion Ratio Lower Upper

165 100

63 2.0 61.8 92.8#

89 1.5 56.2 84.4#



#57

2,4-Dinitrotoluene

Concen: 11.134 ng

RT: 9.998 min Scan# 1345

Delta R.T. -0.188 min

Lab File: BF130826.D

Acq: 28 Oct 2022 14:27

Tgt Ion:165 Resp: 26015

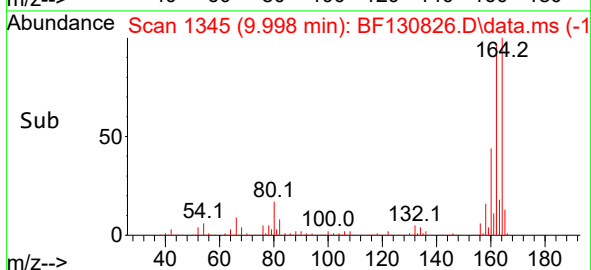
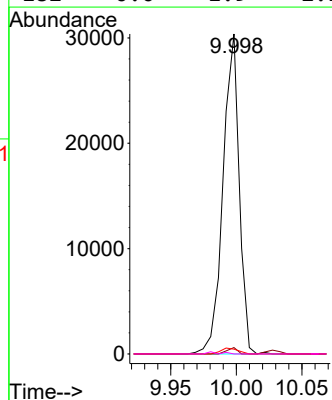
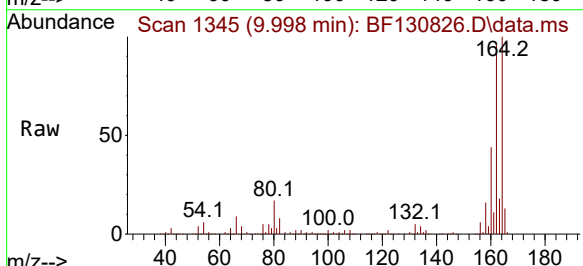
Ion Ratio Lower Upper

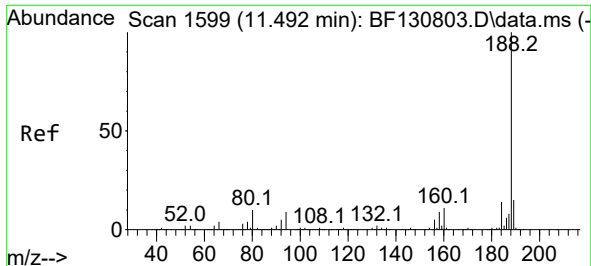
165 100

63 2.0 39.8 59.6#

89 1.5 61.9 92.9#

182 0.0 1.9 2.9#

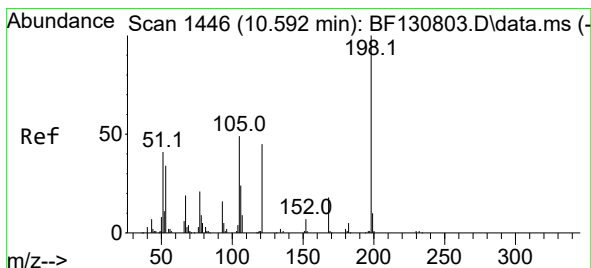
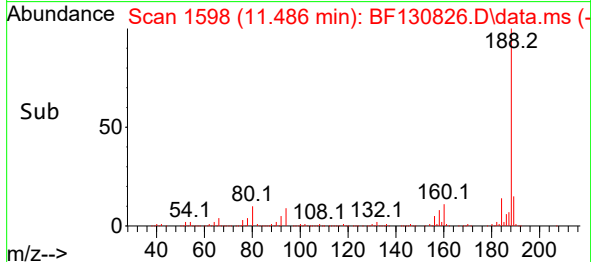
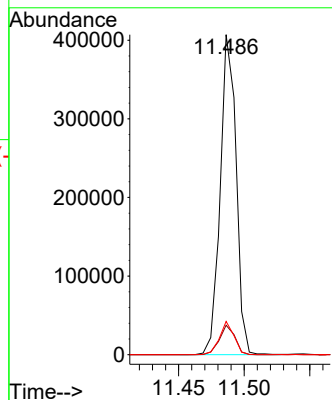
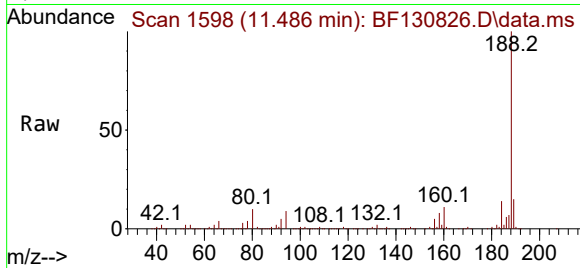




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130826.D
Acq: 28 Oct 2022 14:27

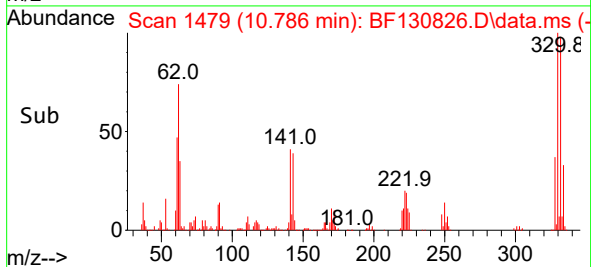
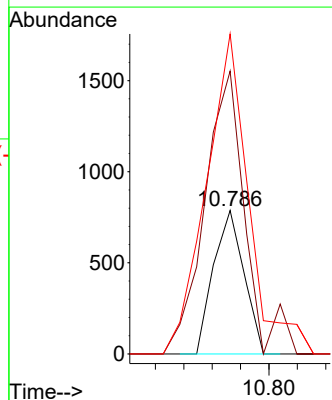
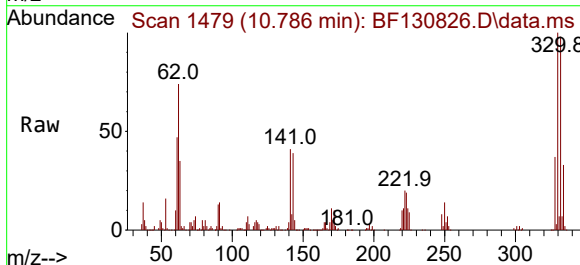
Instrument :
BNA_F
ClientSampleId :
TP3-1024

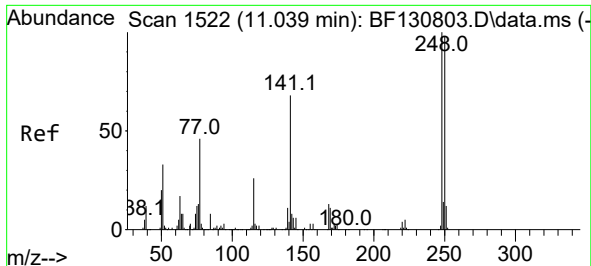
Tgt Ion:188 Resp: 342143
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.4 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 8.269 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.194 min
Lab File: BF130826.D
Acq: 28 Oct 2022 14:27

Tgt Ion:198 Resp: 584
Ion Ratio Lower Upper
198 100
51 197.2 39.0 79.0#
105 223.1 30.6 70.6#





#67

4-Bromophenyl-phenylether

Concen: 4.839 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.253 min

Lab File: BF130826.D

Acq: 28 Oct 2022 14:27

Instrument :

BNA_F

ClientSampleId :

TP3-1024

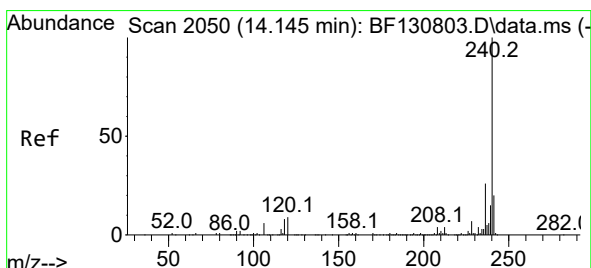
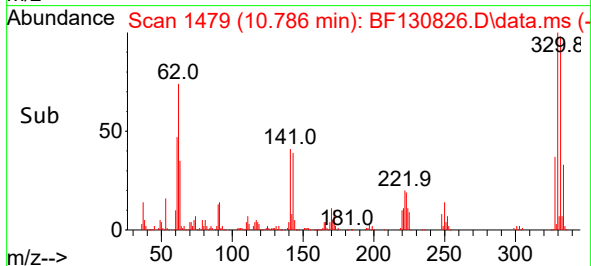
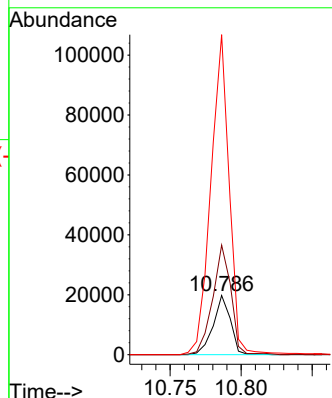
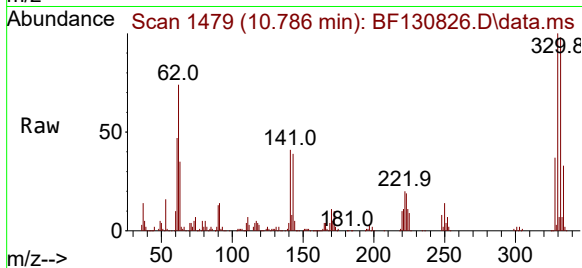
Tgt Ion:248 Resp: 16651

Ion Ratio Lower Upper

248 100

250 185.2 78.6 117.8#

141 540.5 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: BF130826.D

Acq: 28 Oct 2022 14:27

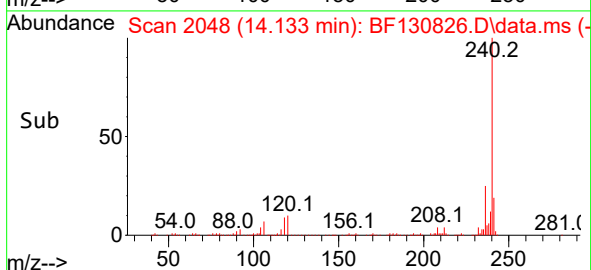
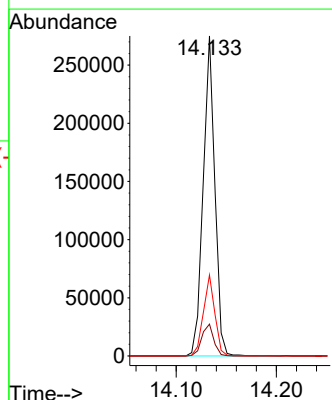
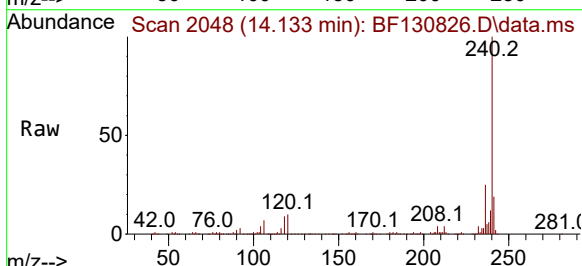
Tgt Ion:240 Resp: 223102

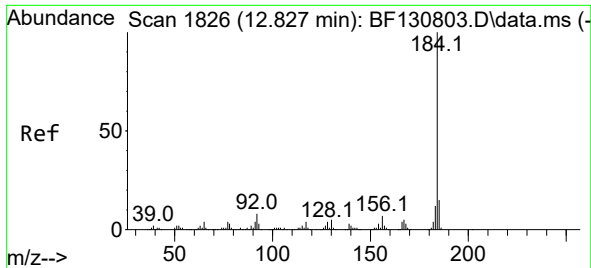
Ion Ratio Lower Upper

240 100

120 9.9 7.0 10.4

236 25.3 20.5 30.7

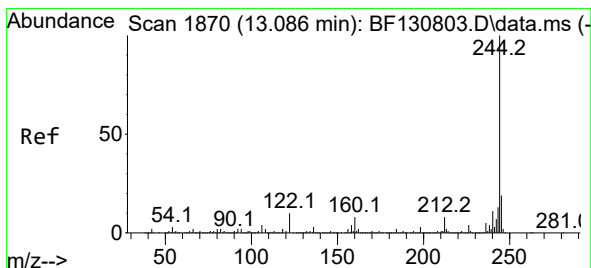
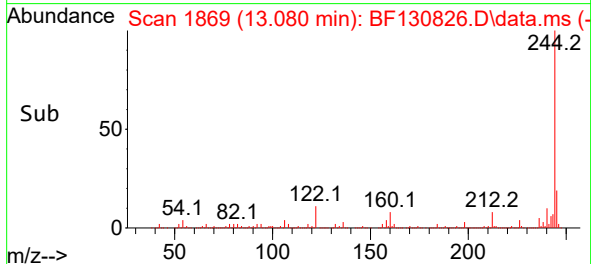
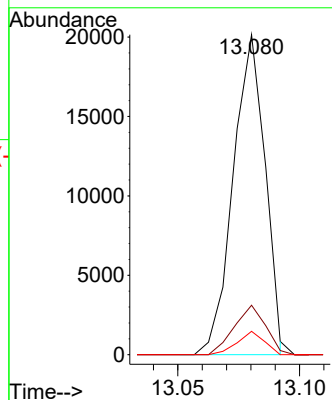
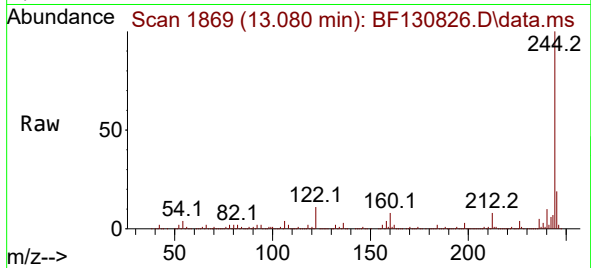




#77
Benzidine
Concen: 3.393 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.253 min
Lab File: BF130826.D
Acq: 28 Oct 2022 14:27

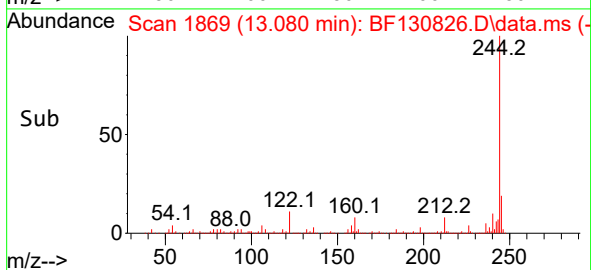
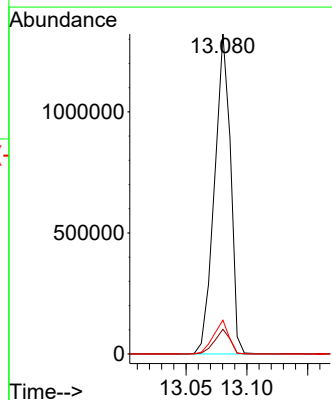
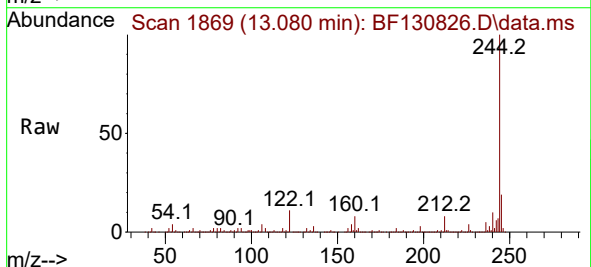
Instrument :
BNA_F
ClientSampleId :
TP3-1024

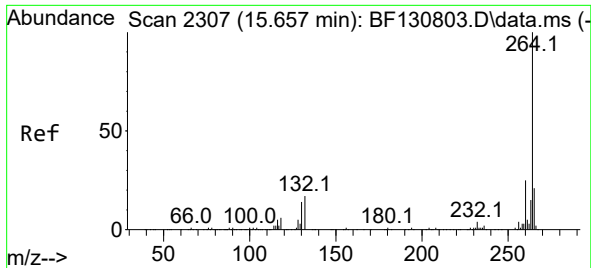
Tgt Ion:184 Resp: 18376
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.8
183 7.3 9.7 14.5#



#79
Terphenyl-d14
Concen: 99.298 ng
RT: 13.080 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BF130826.D
Acq: 28 Oct 2022 14:27

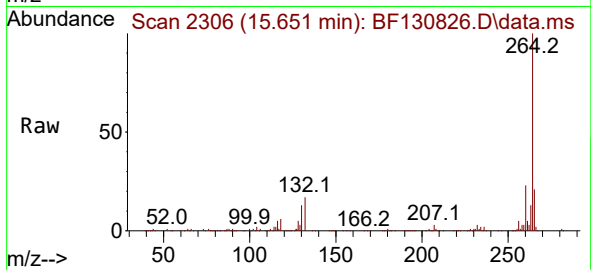
Tgt Ion:244 Resp: 1208954
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 10.6 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.651 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130826.D
 Acq: 28 Oct 2022 14:27

Instrument :
 BNA_F
 ClientSampleId :
 TP3-1024



Tgt Ion:264 Resp: 173928
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.9 29.9
 265 20.9 17.0 25.6

