

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130840.D
 Acq On : 28 Oct 2022 23:59
 Operator : CG\JU
 Sample : N5267-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5-1024

Quant Time: Oct 29 05:47:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

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

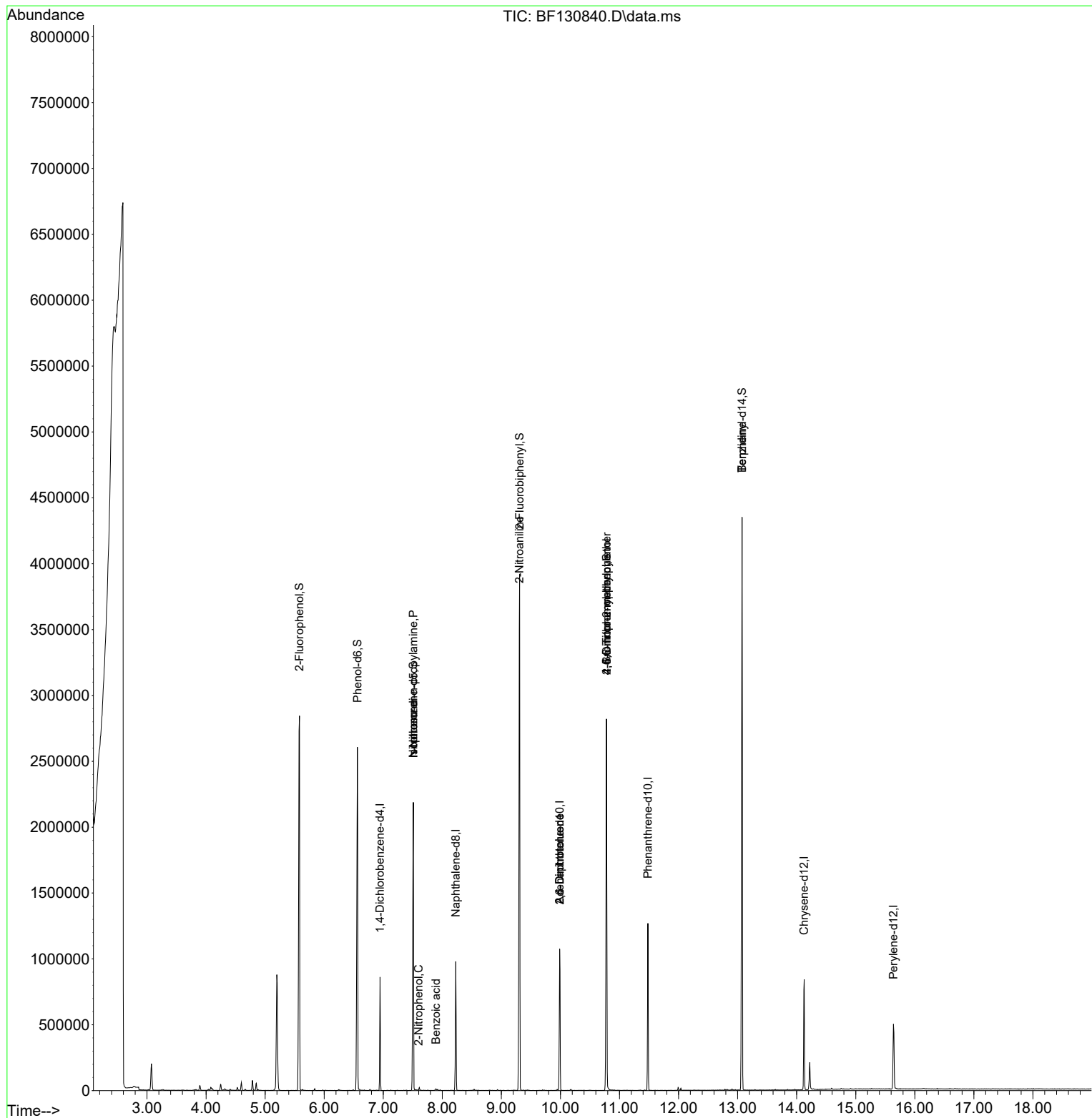
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	104365	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	399111	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	220634	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	406304	20.000	ng	0.00
76) Chrysene-d12	14.127	240	281022	20.000	ng	0.00
86) Perylene-d12	15.639	264	218623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	788696	131.011	ng	0.02
7) Phenol-d6	6.563	99	960043	122.719	ng	0.00
23) Nitrobenzene-d5	7.510	82	714371	107.929	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	321786	173.255	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1331367	91.231	ng	0.00
79) Terphenyl-d14	13.074	244	1497804	97.667	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	98343	18.476	ng	# 78
25) Isophorone	7.510	82	714362	52.338	ng	# 66
26) 2-Nitrophenol	7.598	139	119	4.120	ng	# 30
32) Benzoic acid	7.892	122	3255	8.357	ng	# 88
48) 2-Nitroaniline	9.304	65	3005	4.824	ng	# 8
51) 2,6-Dinitrotoluene	9.986	165	29129	12.313	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	29129	11.133	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.780	198	943	8.392	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	21266	5.205	ng	# 1
77) Benzidine	13.074	184	22920	3.360	ng	# 93

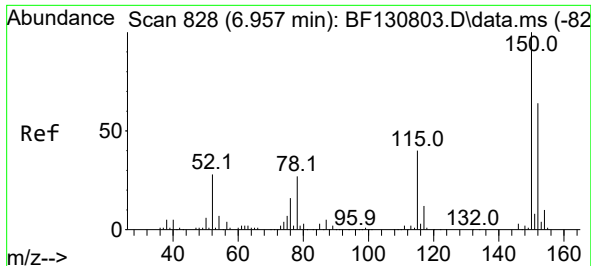
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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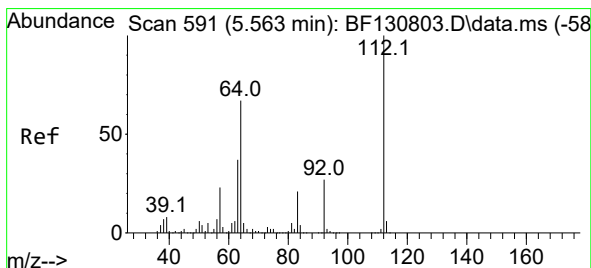
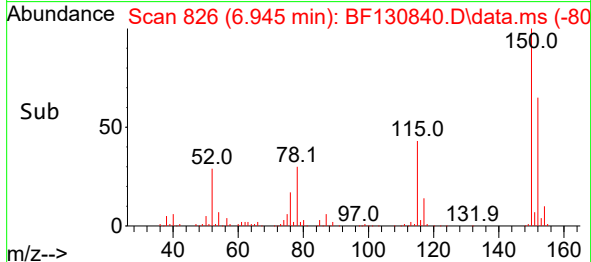
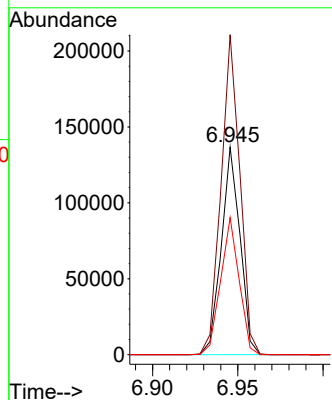
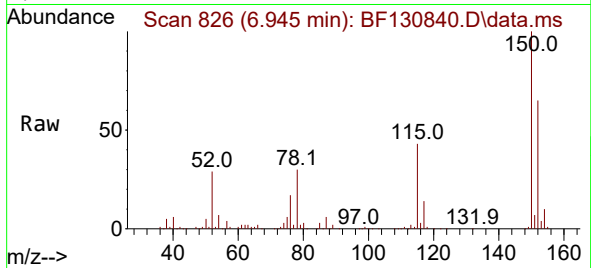




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF130840.D
 Acq: 28 Oct 2022 23:59

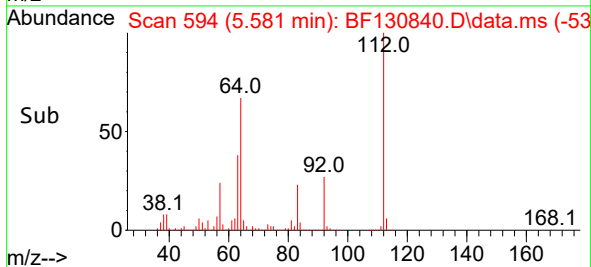
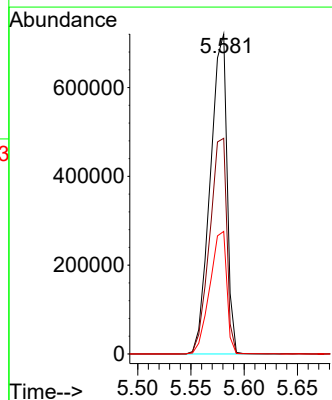
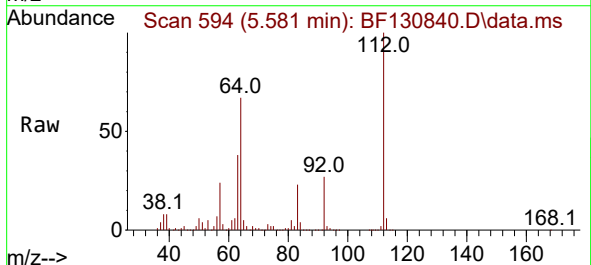
Instrument :
 BNA_F
 ClientSampleId :
 TP5-1024

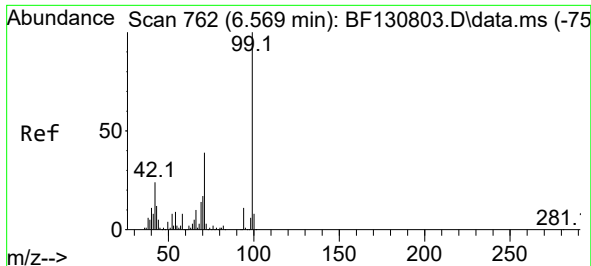
Tgt Ion:152 Resp: 104365
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.1 186.1
 115 66.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 131.011 ng
 RT: 5.581 min Scan# 594
 Delta R.T. 0.024 min
 Lab File: BF130840.D
 Acq: 28 Oct 2022 23:59

Tgt Ion:112 Resp: 788696
 Ion Ratio Lower Upper
 112 100
 64 67.4 53.9 80.9
 63 38.3 29.4 44.2

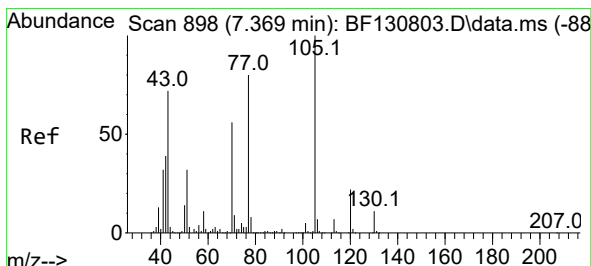
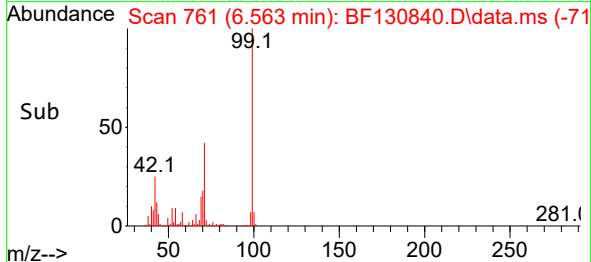
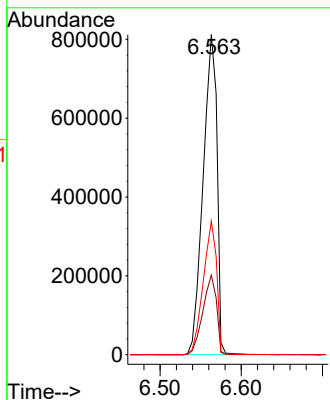
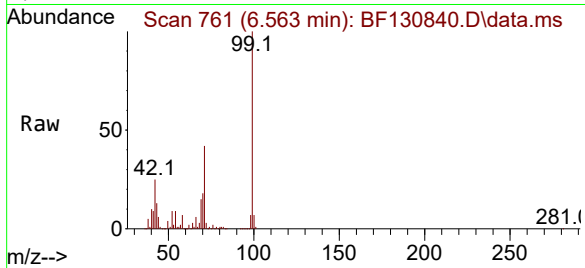




#7
Phenol-d6
Concen: 122.719 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

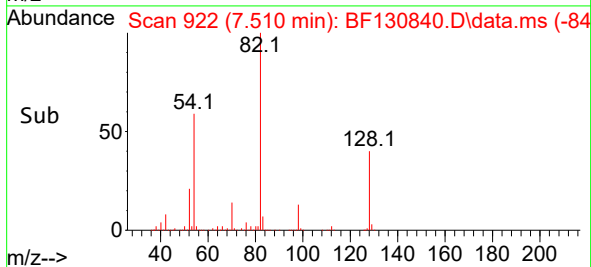
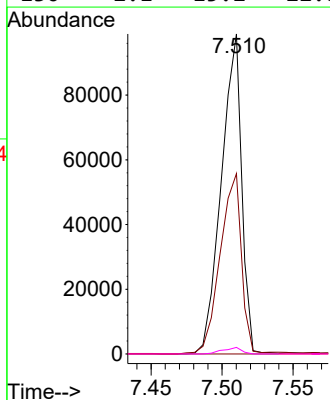
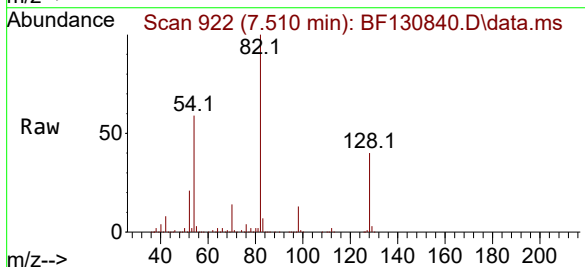
Instrument :
BNA_F
ClientSampleId :
TP5-1024

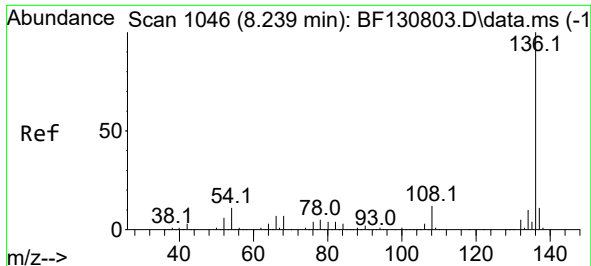
Tgt Ion: 99 Resp: 960043
Ion Ratio Lower Upper
99 100
42 24.8 18.8 28.2
71 41.7 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.476 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

Tgt Ion: 70 Resp: 98343
Ion Ratio Lower Upper
70 100
42 56.4 56.1 84.1
101 0.0 7.3 10.9#
130 2.1 15.2 22.8#

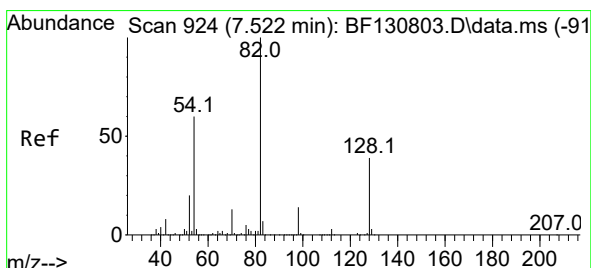
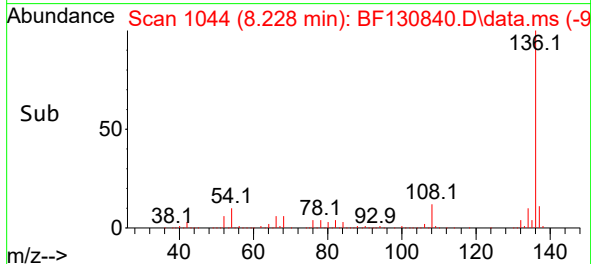
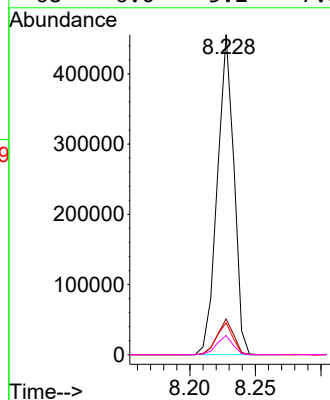
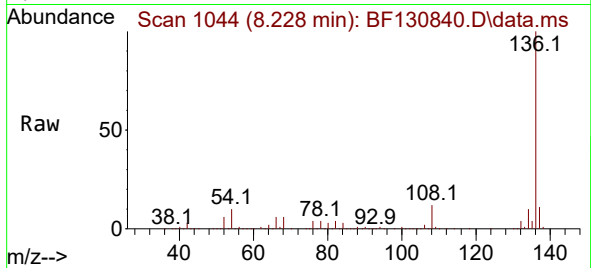




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

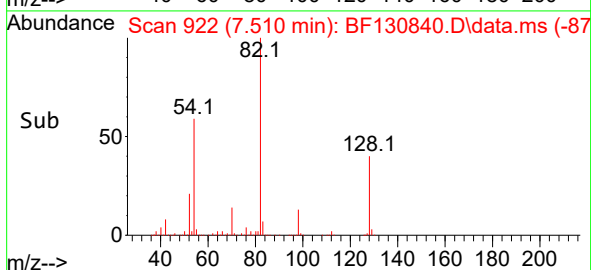
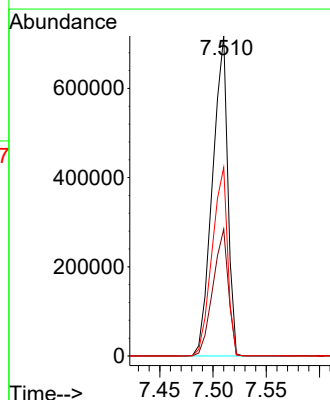
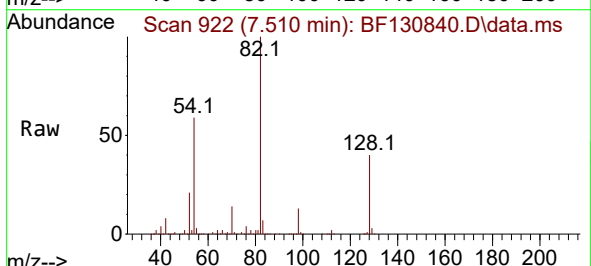
Instrument :
BNA_F
ClientSampleId :
TP5-1024

Tgt Ion:136 Resp: 399111
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 9.9 8.8 13.2
68 6.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 107.929 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

Tgt Ion: 82 Resp: 714371
Ion Ratio Lower Upper
82 100
128 39.6 31.2 46.8
54 58.9 48.0 72.0

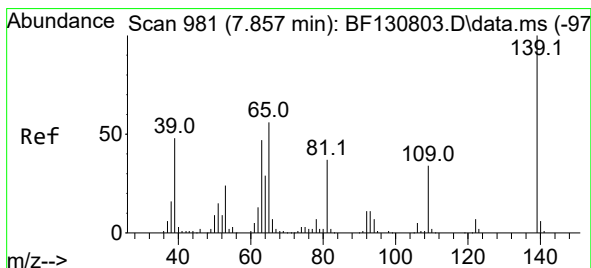
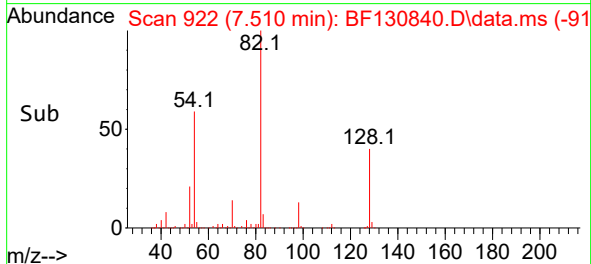
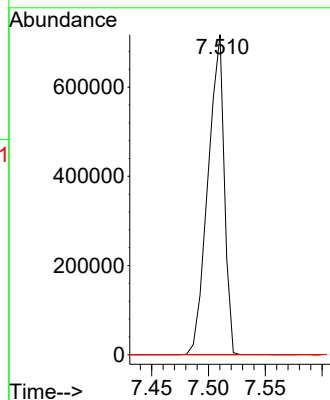
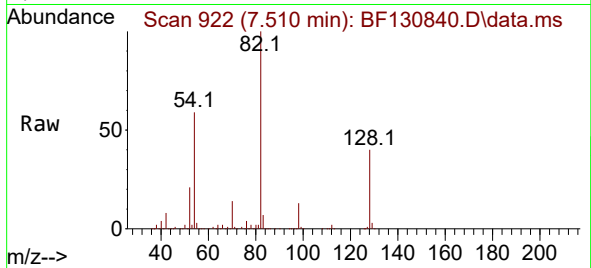




#25
Isophorone
Concen: 52.338 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

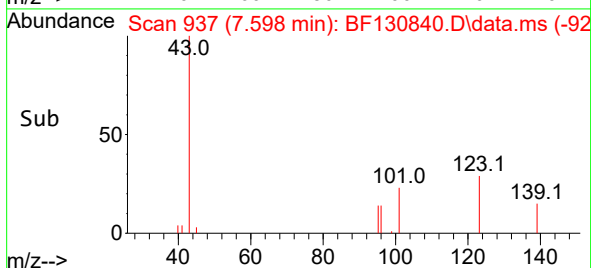
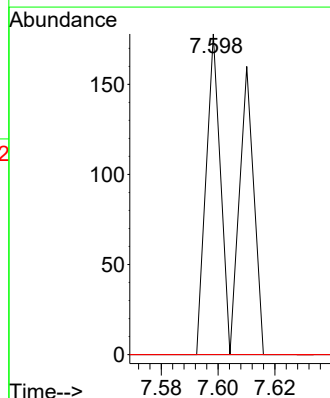
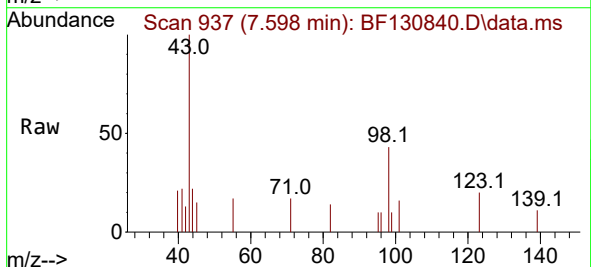
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ClientSampleId :
TP5-1024

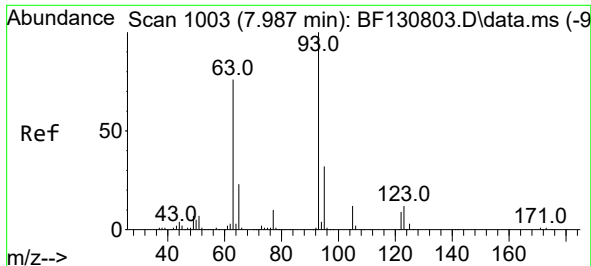
Tgt Ion: 82 Resp: 714362
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#26
2-Nitrophenol
Concen: 4.120 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.247 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

Tgt Ion: 139 Resp: 119
Ion Ratio Lower Upper
139 100
109 0.0 27.3 40.9#
65 0.0 44.6 67.0#

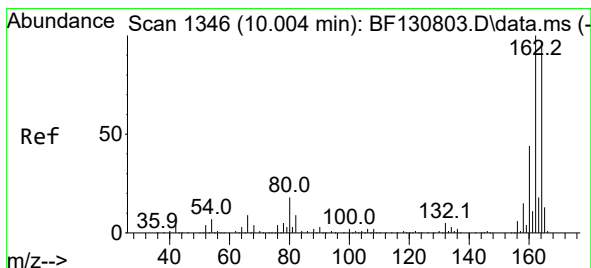
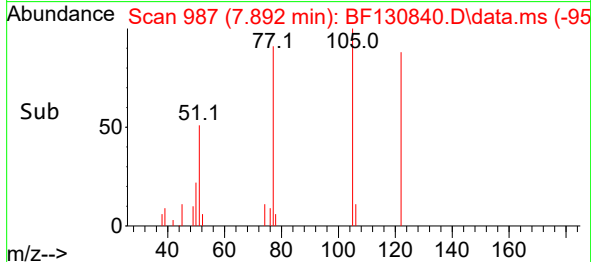
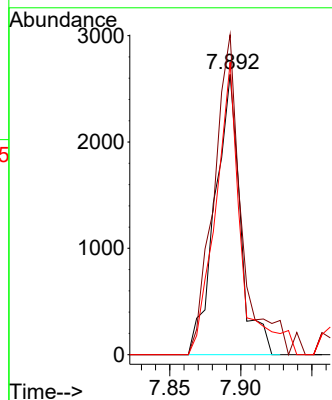
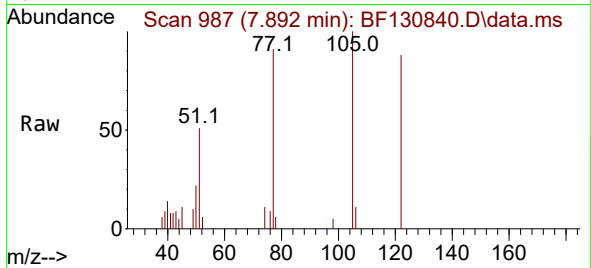




#32
Benzoic acid
Concen: 8.357 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.094 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

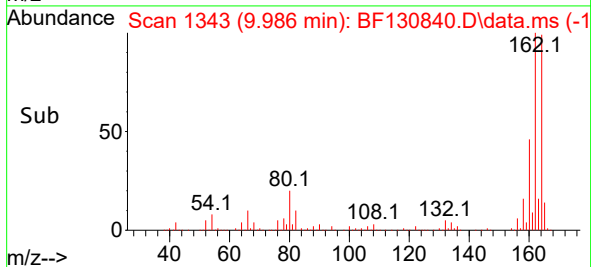
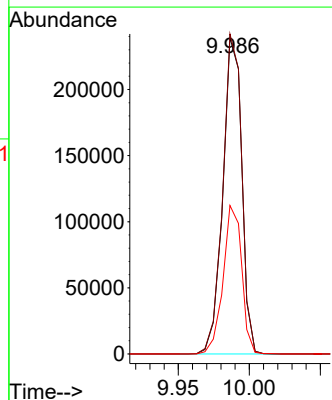
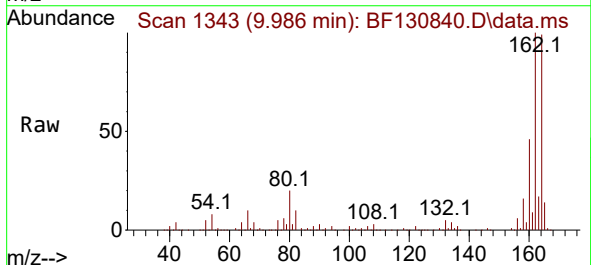
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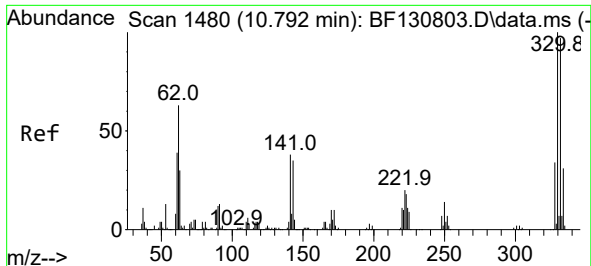
Tgt Ion:122 Resp: 3255
Ion Ratio Lower Upper
122 100
105 114.2 114.5 154.5#
77 104.4 89.8 129.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

Tgt Ion:164 Resp: 220634
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 47.0 36.6 54.8

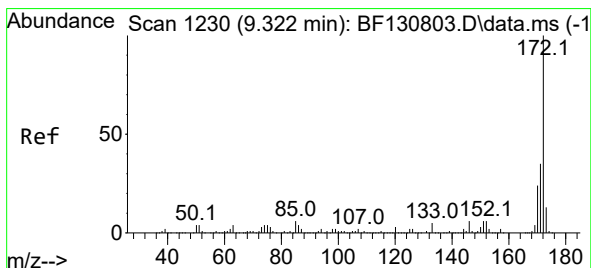
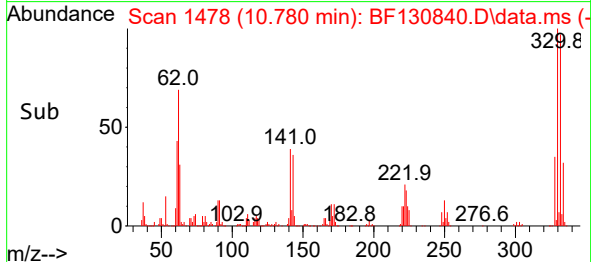
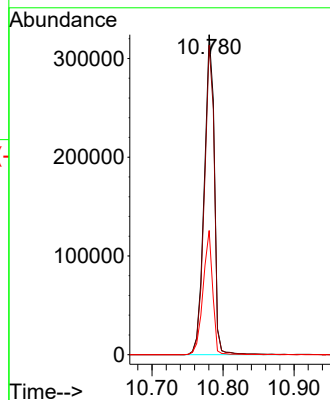
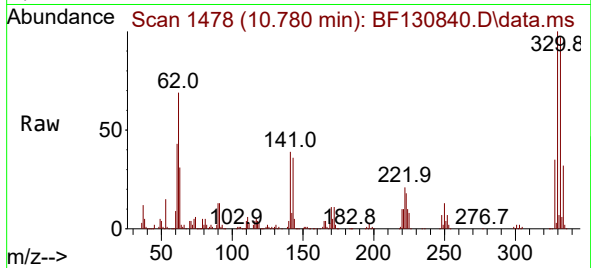




#42
2,4,6-Tribromophenol
Concen: 173.255 ng
RT: 10.780 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

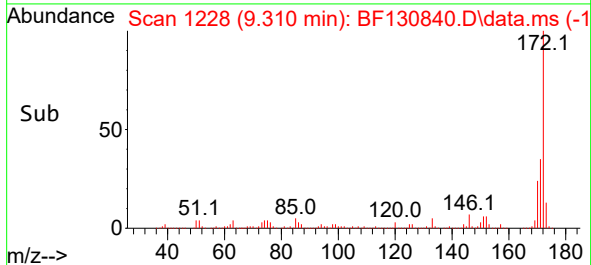
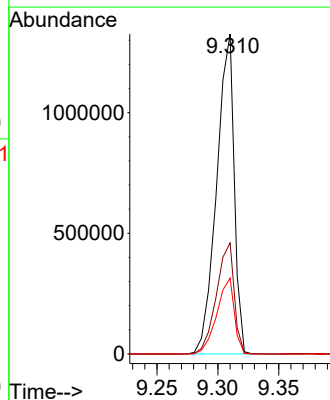
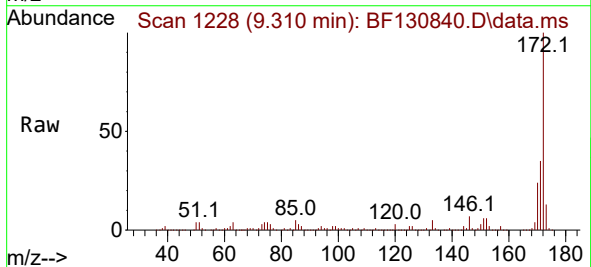
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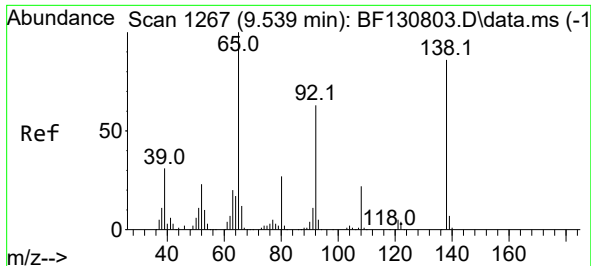
Tgt Ion:330 Resp: 321786
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 36.8 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 91.231 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

Tgt Ion:172 Resp: 1331367
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.7 19.0 28.4

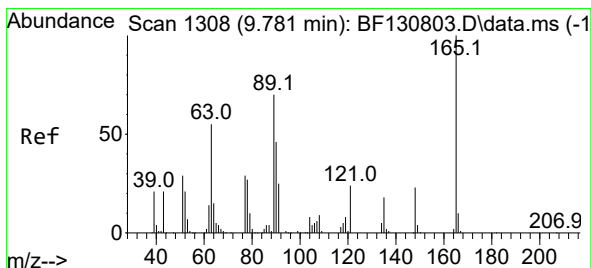
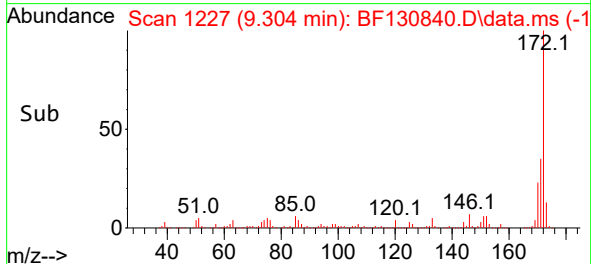
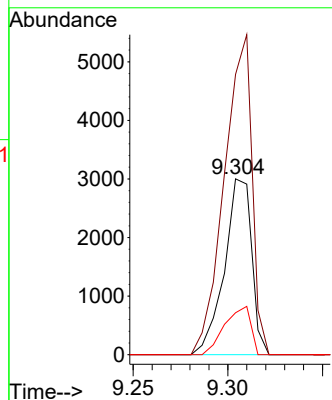
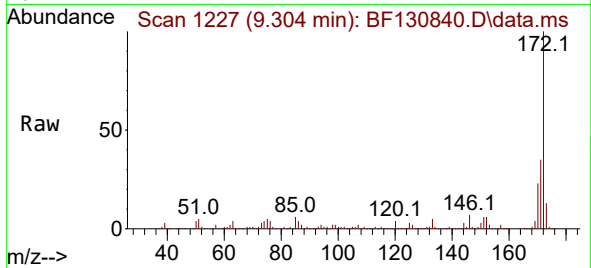




#48
2-Nitroaniline
Concen: 4.824 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

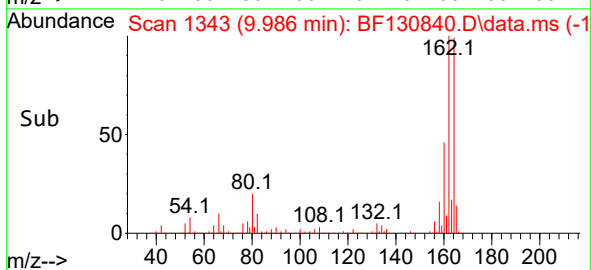
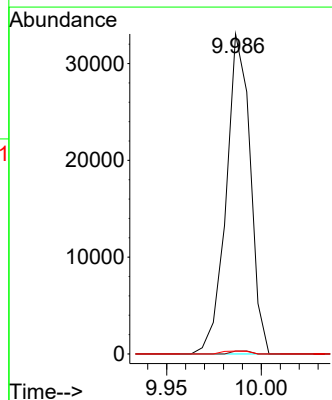
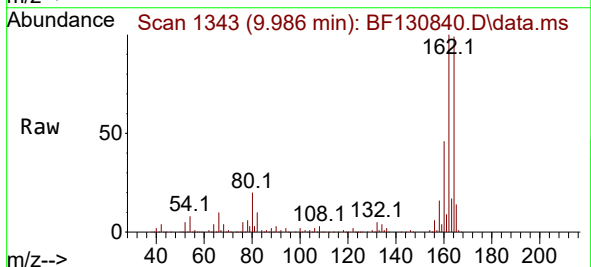
Instrument :
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ClientSampleId :
TP5-1024

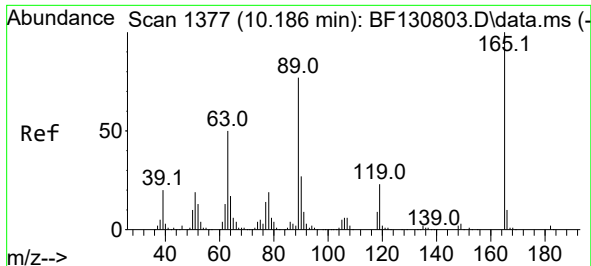
Tgt Ion: 65 Resp: 3005
Ion Ratio Lower Upper
65 100
92 159.4 50.1 75.1#
138 23.8 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.313 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

Tgt Ion: 165 Resp: 29129
Ion Ratio Lower Upper
165 100
63 0.9 61.8 92.8#
89 0.9 56.2 84.4#

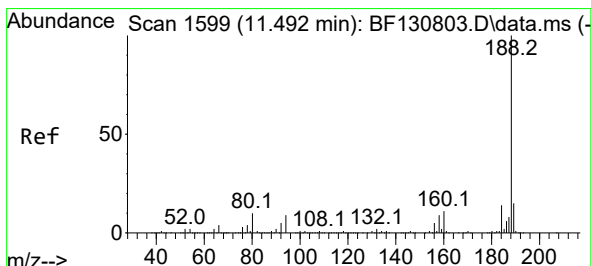
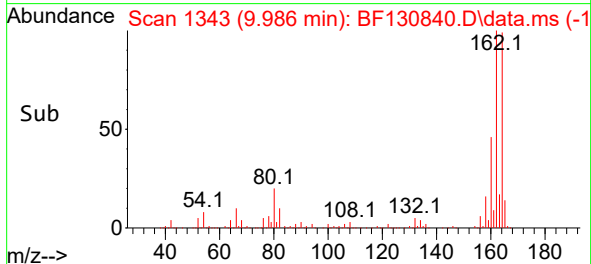
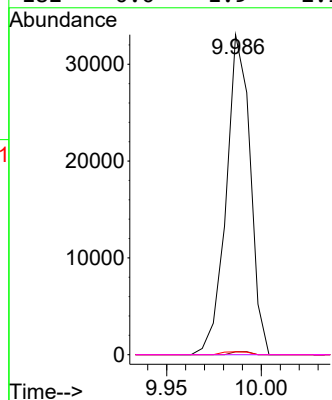
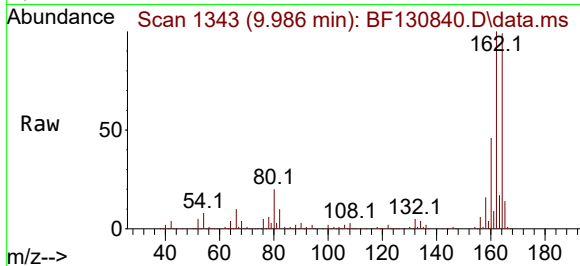




#57
2,4-Dinitrotoluene
Concen: 11.133 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

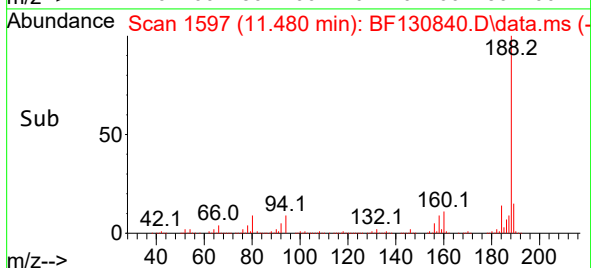
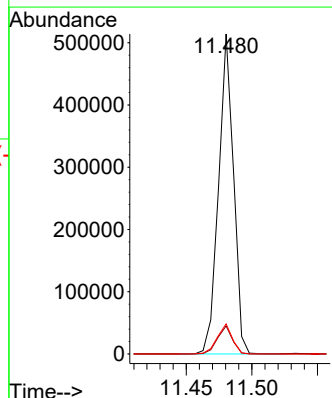
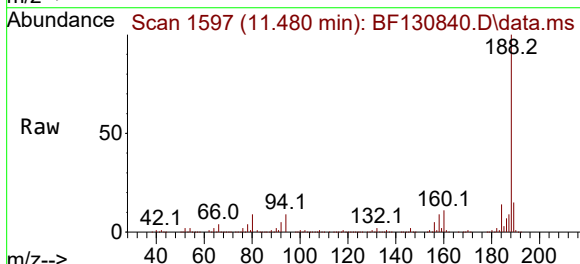
Instrument :
BNA_F
ClientSampleId :
TP5-1024

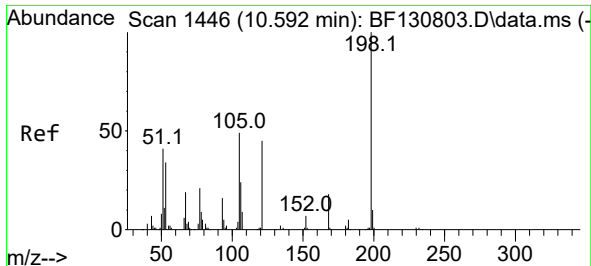
Tgt Ion:165 Resp: 29129
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 0.9 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

Tgt Ion:188 Resp: 406304
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.4 8.0 12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 8.392 ng

RT: 10.780 min Scan# 1446

Delta R.T. 0.194 min

Lab File: BF130840.D

Acq: 28 Oct 2022 23:59

Instrument :

BNA_F

ClientSampleId :

TP5-1024

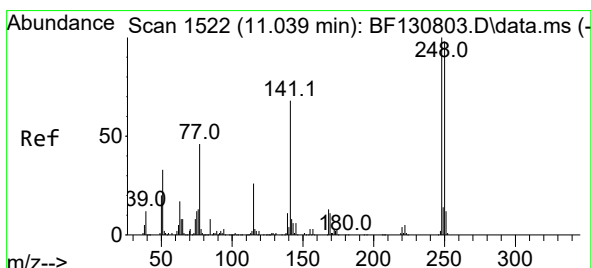
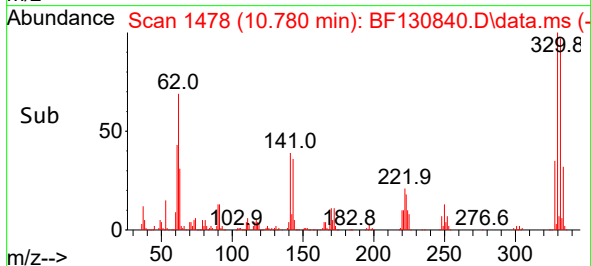
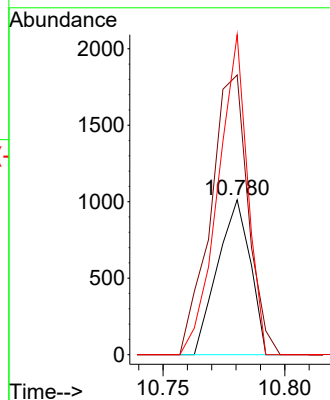
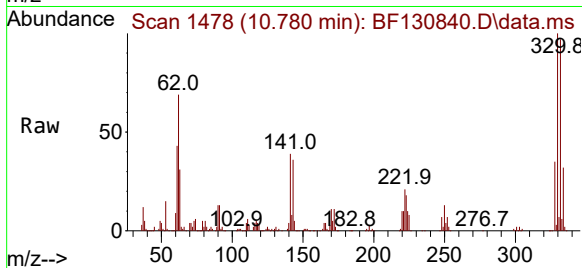
Tgt Ion:198 Resp: 943

Ion Ratio Lower Upper

198 100

51 180.6 39.0 79.0#

105 206.7 30.6 70.6#



#67

4-Bromophenyl-phenylether

Concen: 5.205 ng

RT: 10.780 min Scan# 1478

Delta R.T. -0.247 min

Lab File: BF130840.D

Acq: 28 Oct 2022 23:59

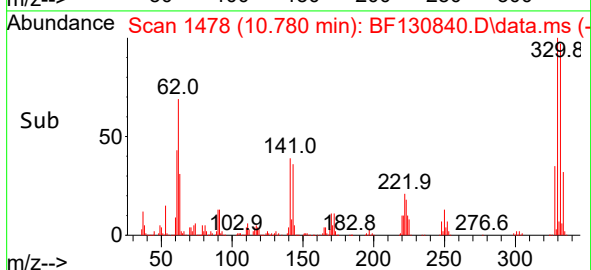
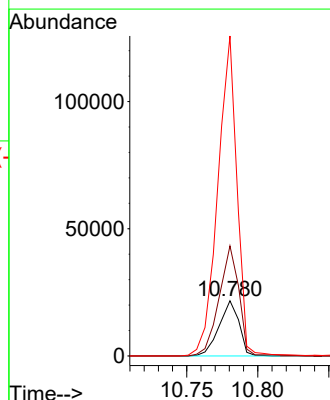
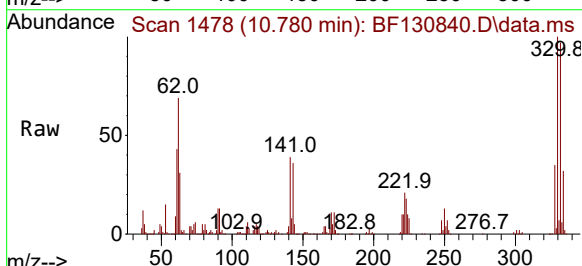
Tgt Ion:248 Resp: 21266

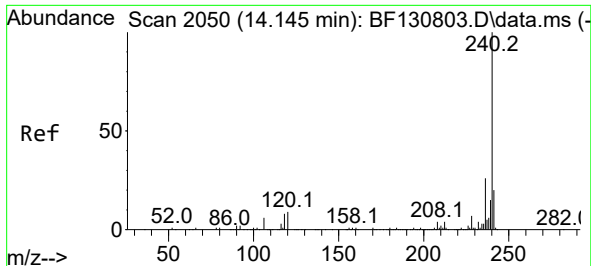
Ion Ratio Lower Upper

248 100

250 199.6 78.6 117.8#

141 579.7 54.2 81.4#

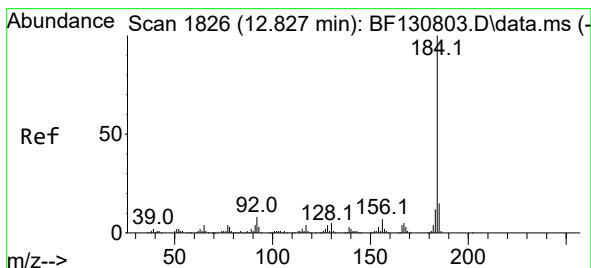
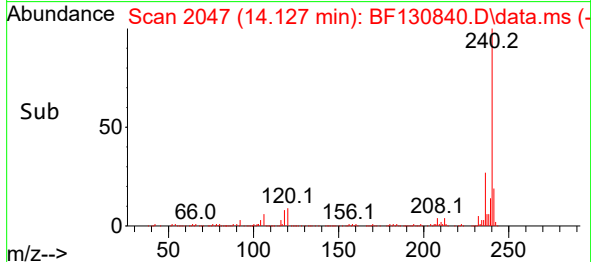
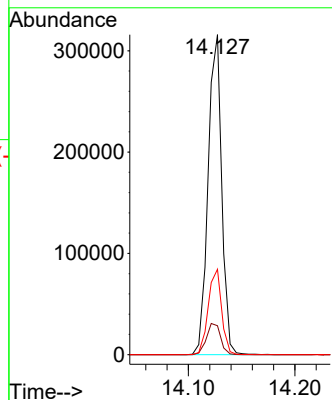
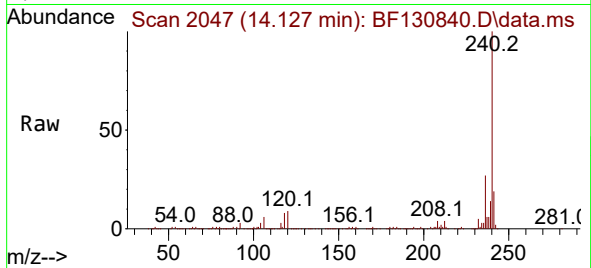




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

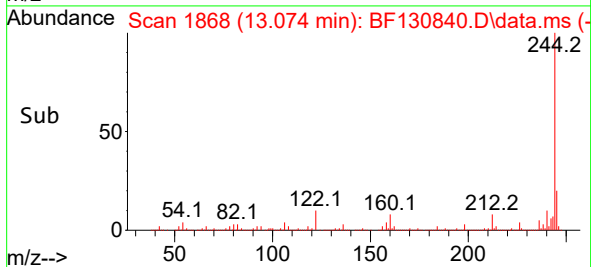
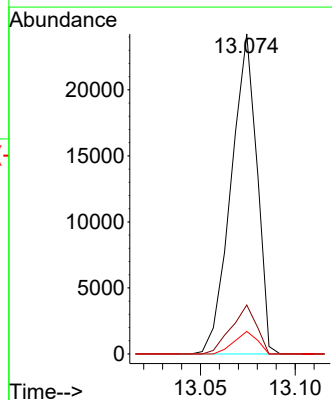
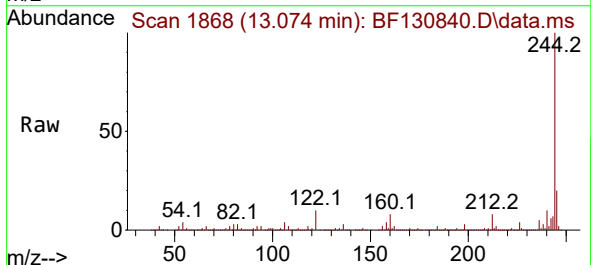
Instrument :
BNA_F
ClientSampleId :
TP5-1024

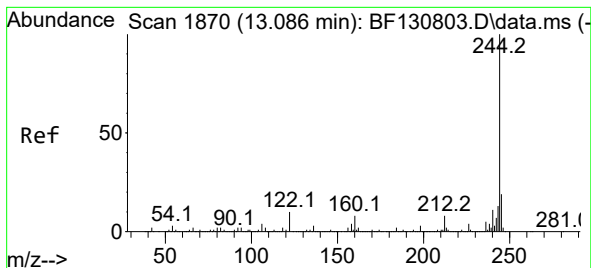
Tgt Ion:240 Resp: 281022
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.4
236 26.7 20.5 30.7



#77
Benzidine
Concen: 3.360 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.253 min
Lab File: BF130840.D
Acq: 28 Oct 2022 23:59

Tgt Ion:184 Resp: 22920
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.8
183 7.1 9.7 14.5#





#79

Terphenyl-d14

Concen: 97.667 ng

RT: 13.074 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130840.D

Acq: 28 Oct 2022 23:59

Instrument :

BNA_F

ClientSampleId :

TP5-1024

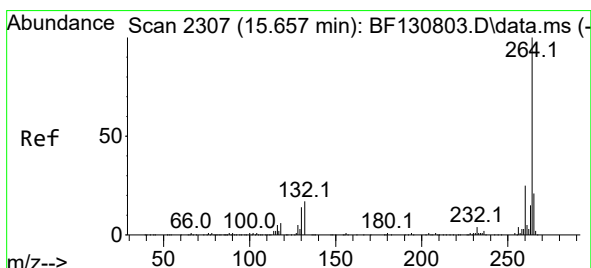
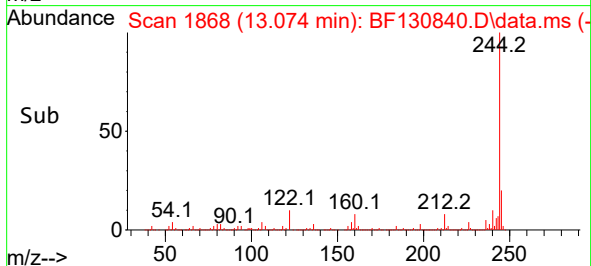
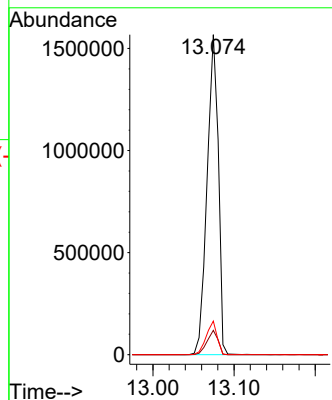
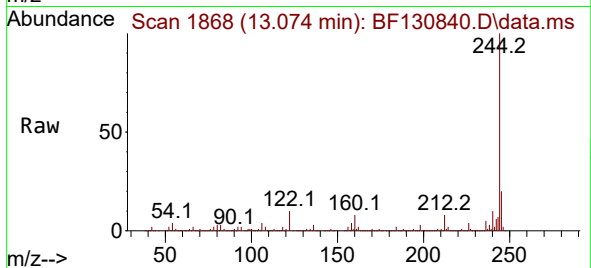
Tgt Ion:244 Resp: 1497804

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 10.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 2304

Delta R.T. -0.006 min

Lab File: BF130840.D

Acq: 28 Oct 2022 23:59

Tgt Ion:264 Resp: 218623

Ion Ratio Lower Upper

264 100

260 23.8 19.9 29.9

265 20.1 17.0 25.6

