

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130842.D
 Acq On : 29 Oct 2022 00:59
 Operator : CG\JU
 Sample : N5267-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-1024

Quant Time: Oct 29 05:48:03 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)

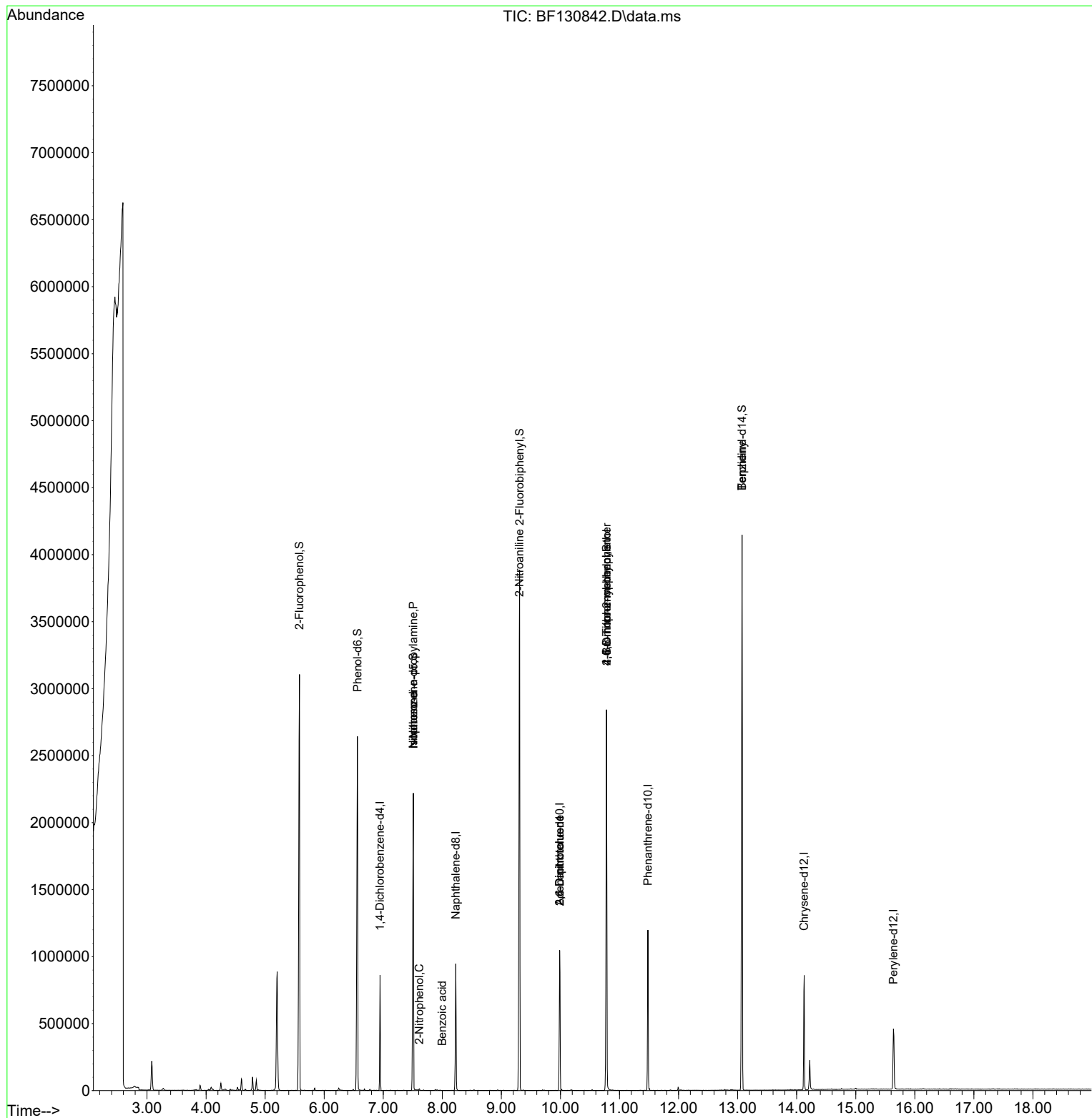
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	102108	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	392386	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	217973	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	397297	20.000	ng	0.00
76) Chrysene-d12	14.127	240	281937	20.000	ng	0.00
86) Perylene-d12	15.639	264	206510	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	807802	137.150	ng	0.02
7) Phenol-d6	6.563	99	966553	126.282	ng	0.00
23) Nitrobenzene-d5	7.510	82	724152	111.282	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	322301	175.651	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1322713	91.745	ng	0.00
79) Terphenyl-d14	13.074	244	1480413	96.220	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	99821	19.168	ng	# 79
25) Isophorone	7.510	82	724137	53.963	ng	# 66
26) 2-Nitrophenol	7.610	139	69	4.104	ng	# 30
32) Benzoic acid	7.998	122	155	7.713	ng	# 1
48) 2-Nitroaniline	9.304	65	2524	4.723	ng	# 1
51) 2,6-Dinitrotoluene	9.986	165	27672	11.947	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	27672	10.848	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.780	198	980	8.421	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	21421	5.361	ng	# 1
77) Benzidine	13.074	184	23066	3.370	ng	# 93

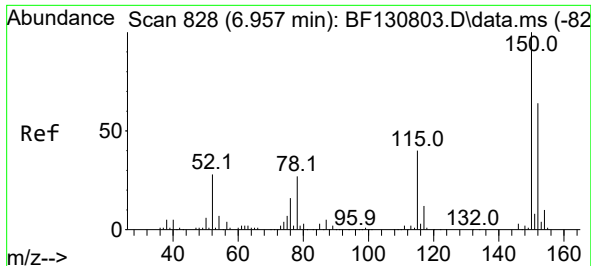
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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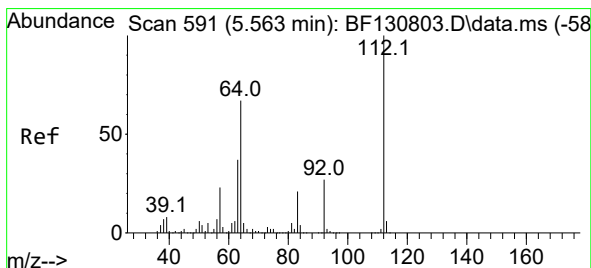
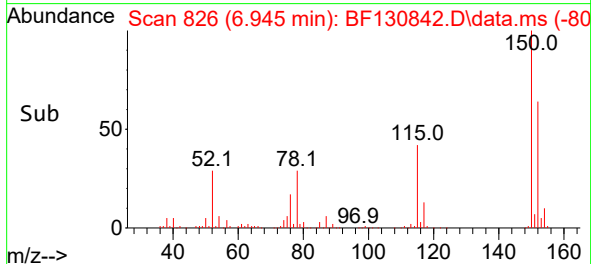
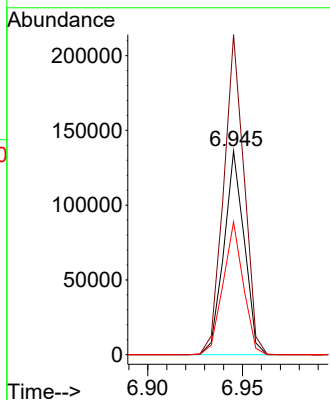
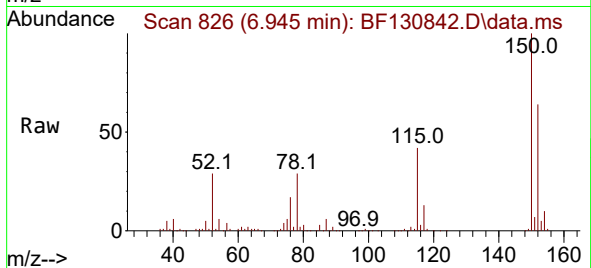




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59

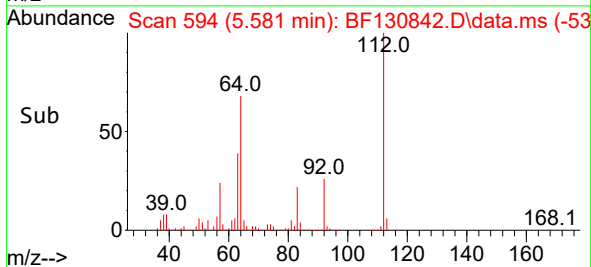
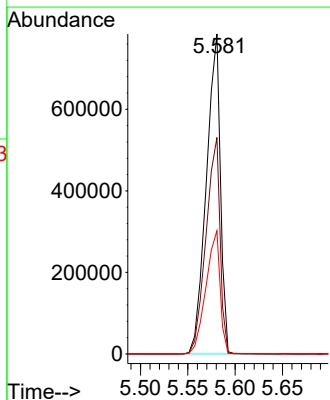
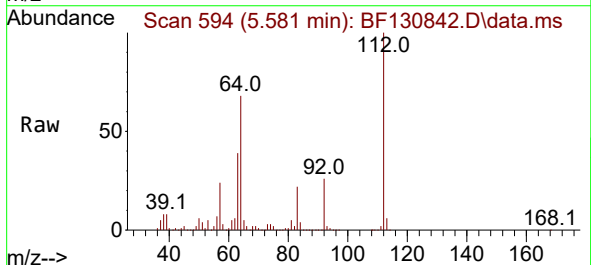
Instrument :
BNA_F
ClientSampleId :
TP7-1024

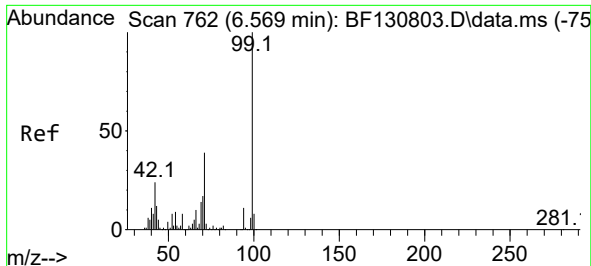
Tgt Ion:152 Resp: 102108
Ion Ratio Lower Upper
152 100
150 157.1 124.1 186.1
115 65.2 50.1 75.1



#5
2-Fluorophenol
Concen: 137.150 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.023 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59

Tgt Ion:112 Resp: 807802
Ion Ratio Lower Upper
112 100
64 67.6 53.9 80.9
63 38.5 29.4 44.2

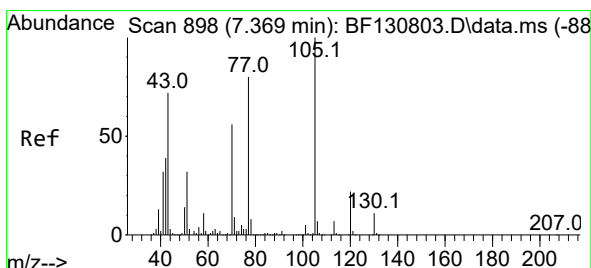
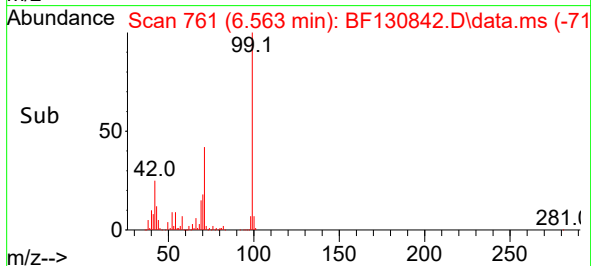
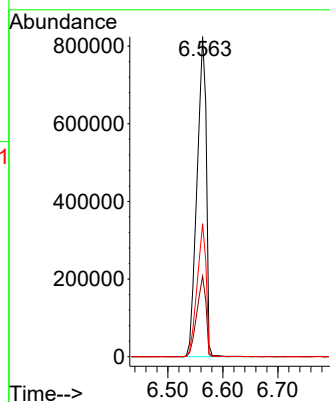
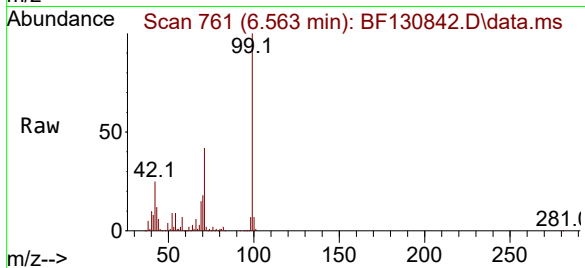




#7
Phenol-d6
Concen: 126.282 ng
RT: 6.563 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59

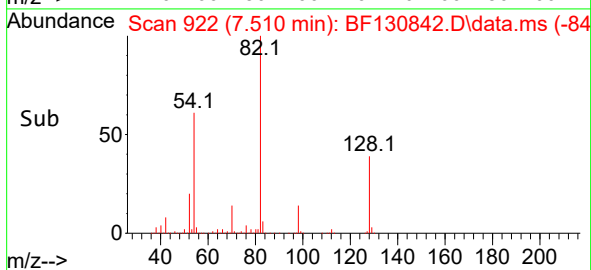
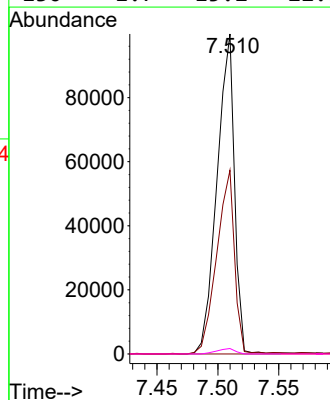
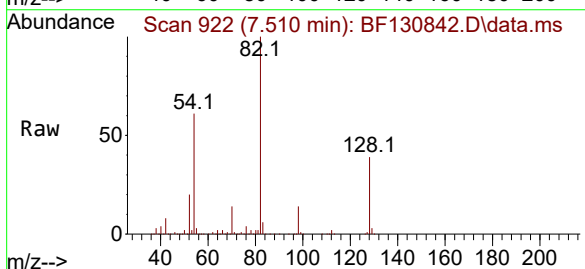
Instrument :
BNA_F
ClientSampleId :
TP7-1024

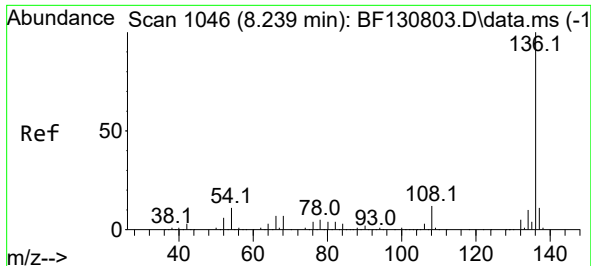
Tgt Ion: 99 Resp: 966553
Ion Ratio Lower Upper
99 100
42 25.2 18.8 28.2
71 41.6 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.168 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59

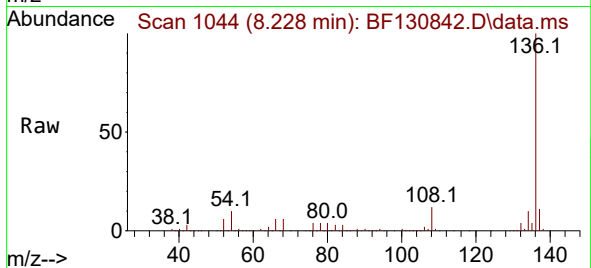
Tgt Ion: 70 Resp: 99821
Ion Ratio Lower Upper
70 100
42 57.4 56.1 84.1
101 0.0 7.3 10.9#
130 1.7 15.2 22.8#



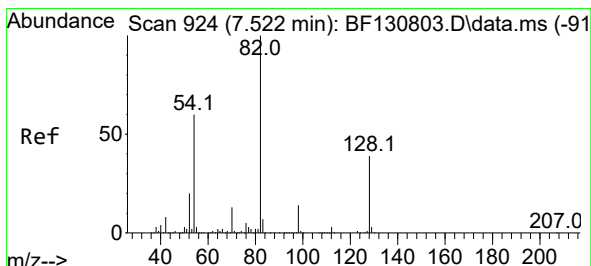
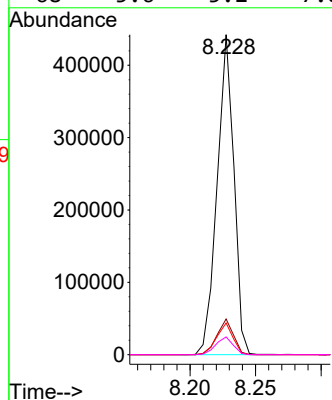
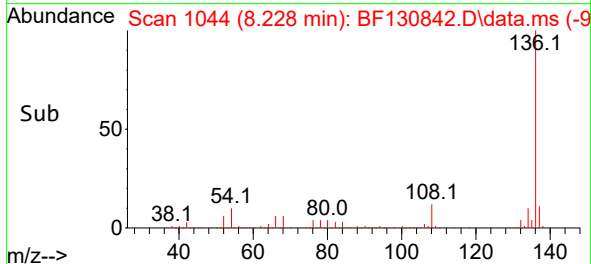


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59

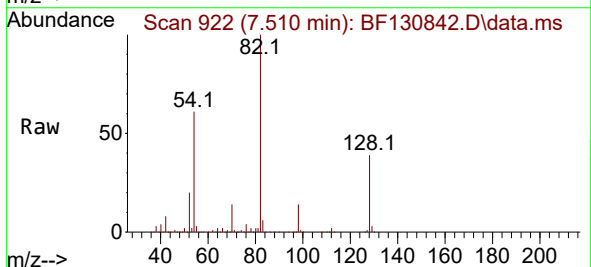
Instrument :
BNA_F
ClientSampleId :
TP7-1024



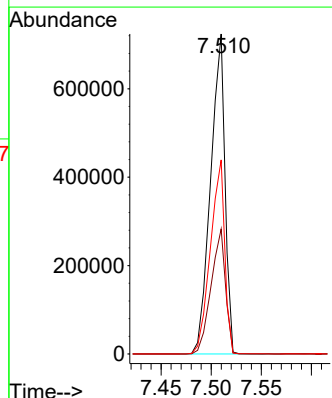
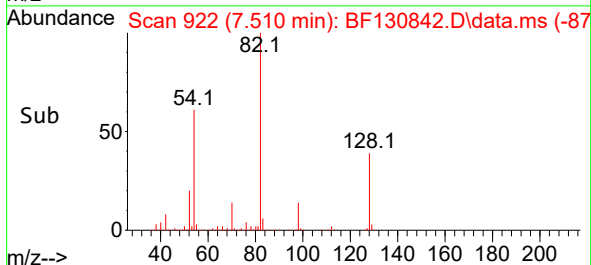
Tgt Ion:136 Resp: 392386
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 9.9 8.8 13.2
68 5.6 5.2 7.8

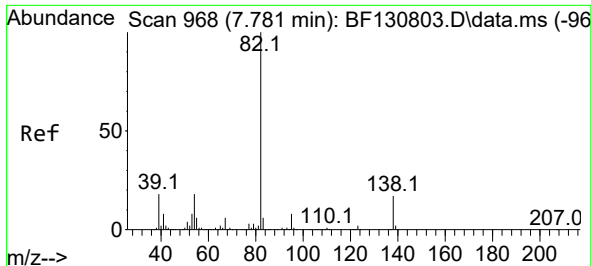


#23
Nitrobenzene-d5
Concen: 111.282 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59



Tgt Ion: 82 Resp: 724152
Ion Ratio Lower Upper
82 100
128 39.0 31.2 46.8
54 60.7 48.0 72.0

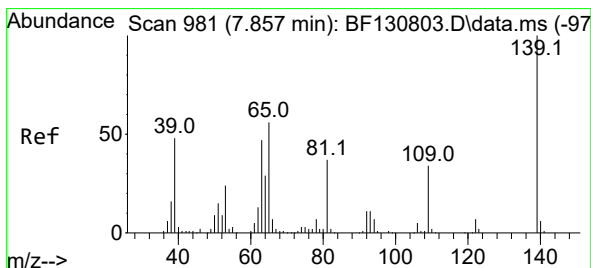
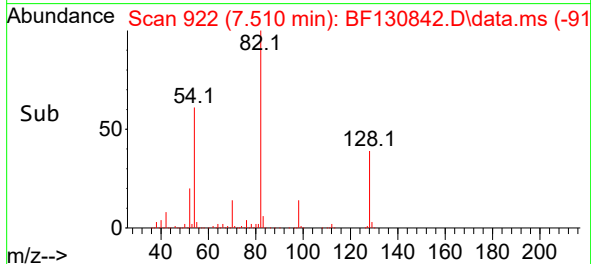
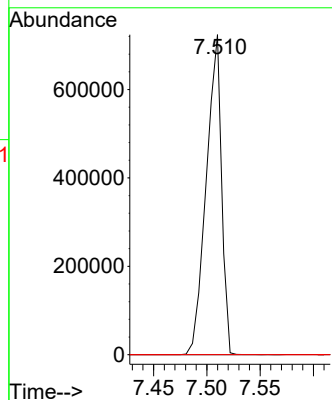
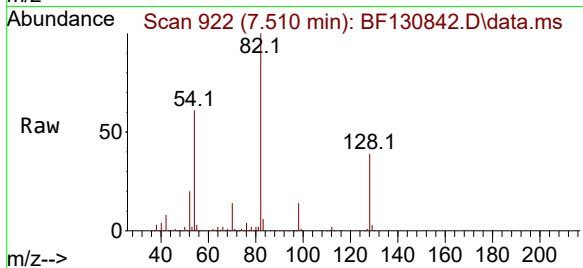




#25
Isophorone
Concen: 53.963 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59

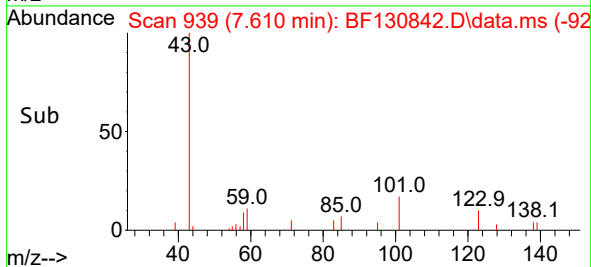
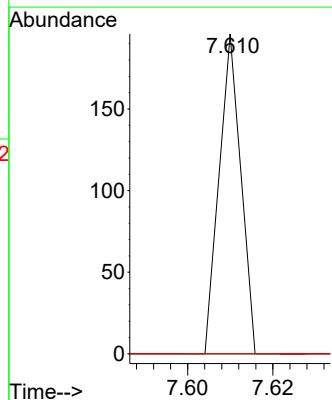
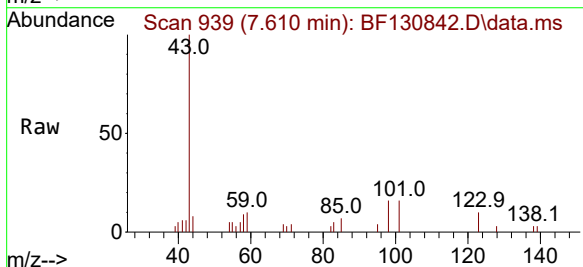
Instrument :
BNA_F
ClientSampleId :
TP7-1024

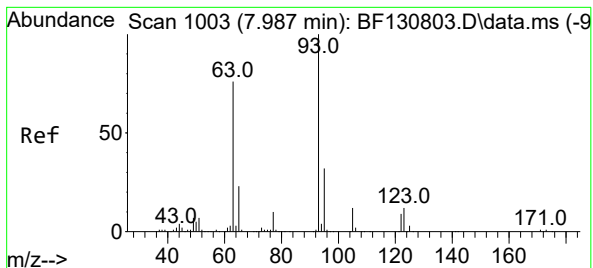
Tgt Ion: 82 Resp: 724137
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#26
2-Nitrophenol
Concen: 4.104 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.235 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59

Tgt Ion:139 Resp: 69
Ion Ratio Lower Upper
139 100
109 0.0 27.3 40.9#
65 0.0 44.6 67.0#





#32

Benzoic acid

Concen: 7.713 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.012 min

Lab File: BF130842.D

Acq: 29 Oct 2022 00:59

Instrument :

BNA_F

ClientSampleId :

TP7-1024

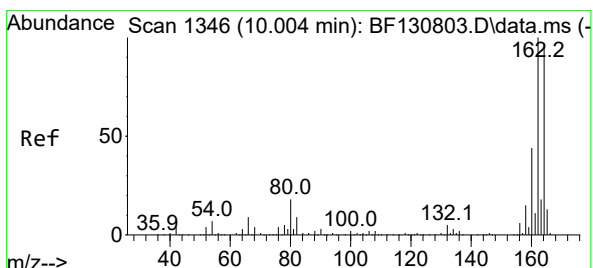
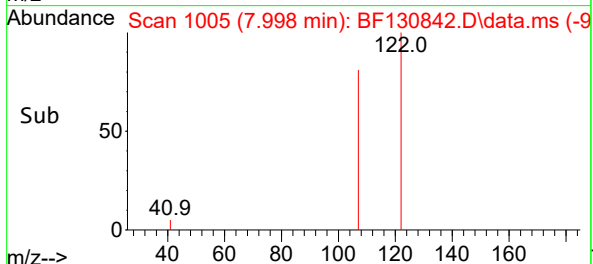
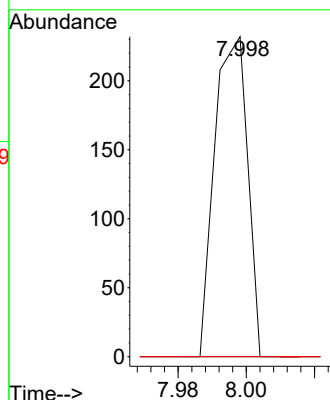
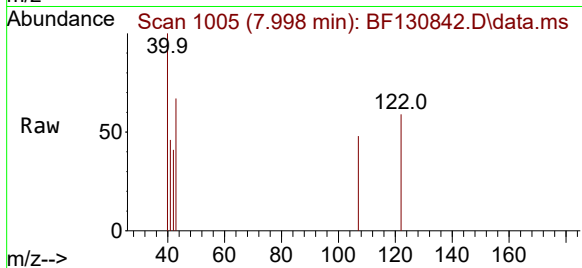
Tgt Ion:122 Resp: 155

Ion Ratio Lower Upper

122 100

105 0.0 114.5 154.5#

77 0.0 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: BF130842.D

Acq: 29 Oct 2022 00:59

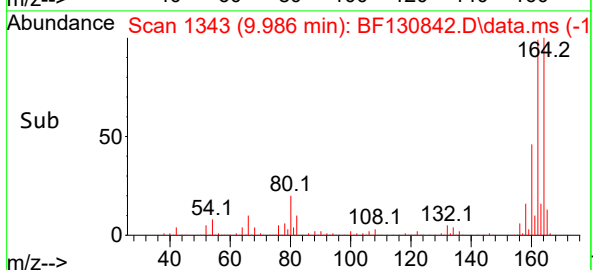
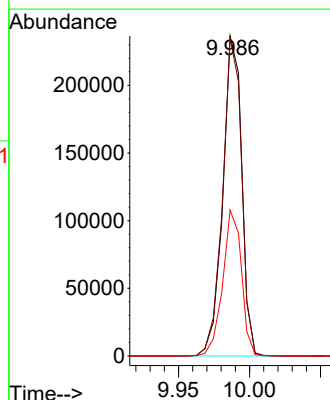
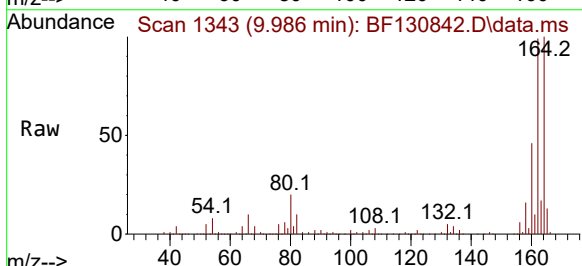
Tgt Ion:164 Resp: 217973

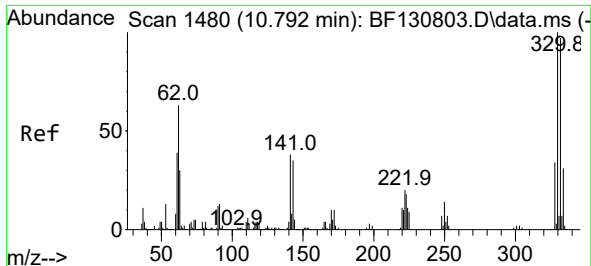
Ion Ratio Lower Upper

164 100

162 99.2 82.2 123.2

160 45.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 175.651 ng

RT: 10.780 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BF130842.D

Acq: 29 Oct 2022 00:59

Instrument :

BNA_F

ClientSampleId :

TP7-1024

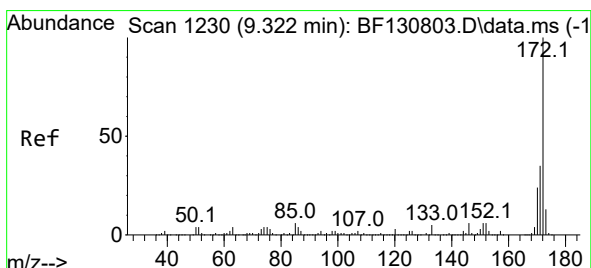
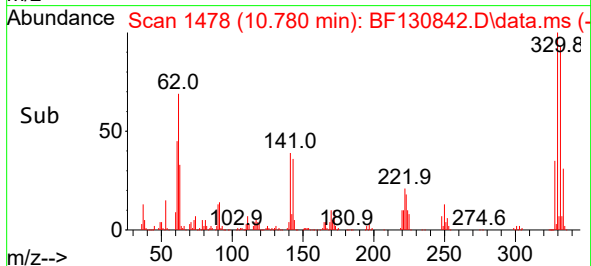
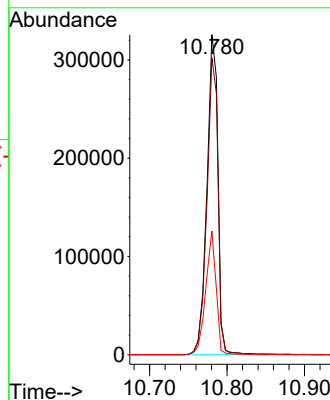
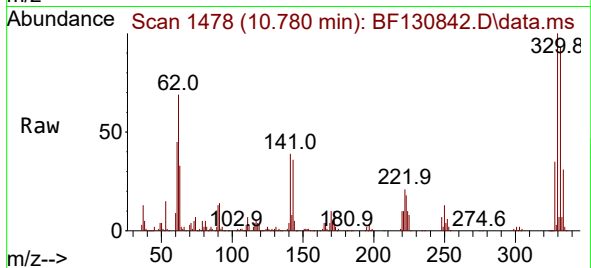
Tgt Ion:330 Resp: 322301

Ion Ratio Lower Upper

330 100

332 93.5 76.2 114.4

141 36.4 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 91.745 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF130842.D

Acq: 29 Oct 2022 00:59

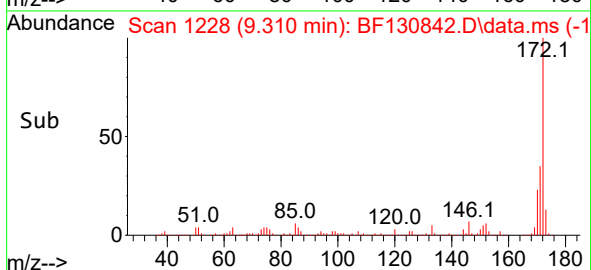
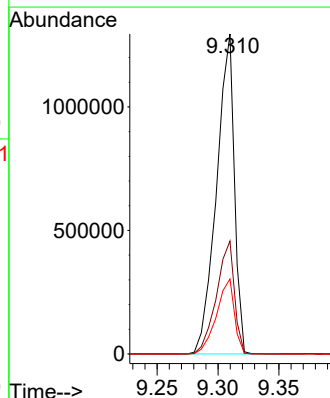
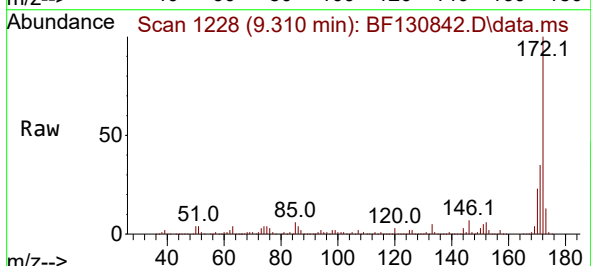
Tgt Ion:172 Resp: 1322713

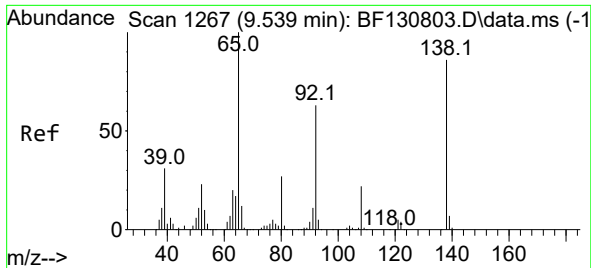
Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.4 19.0 28.4

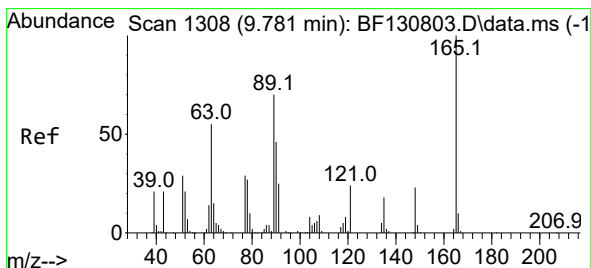
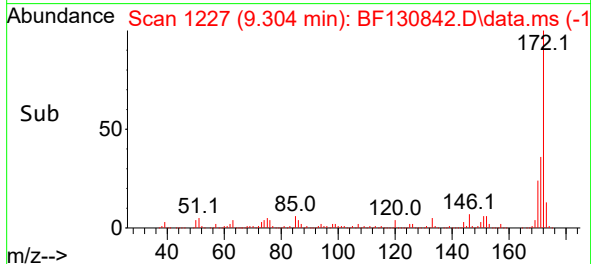
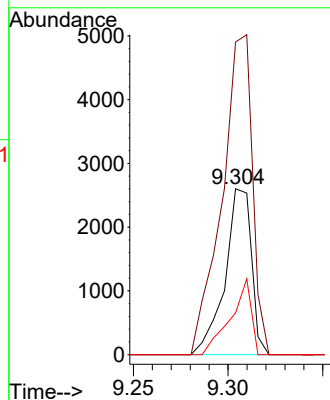
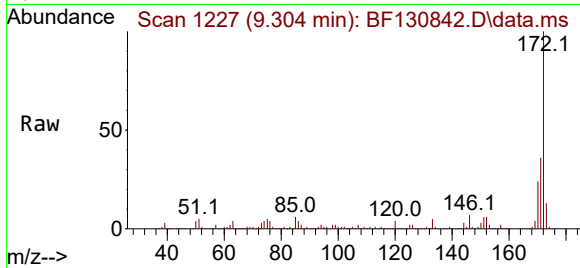




#48
2-Nitroaniline
Concen: 4.723 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.230 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59

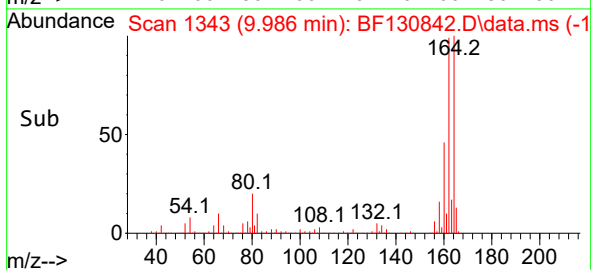
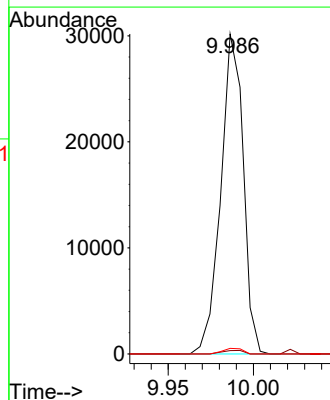
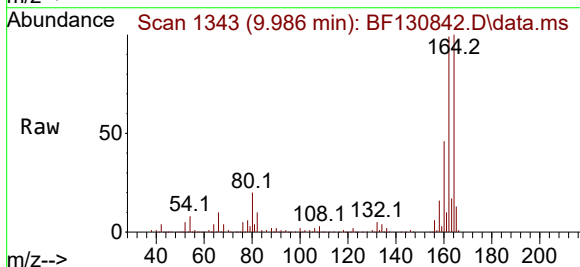
Instrument :
BNA_F
ClientSampleId :
TP7-1024

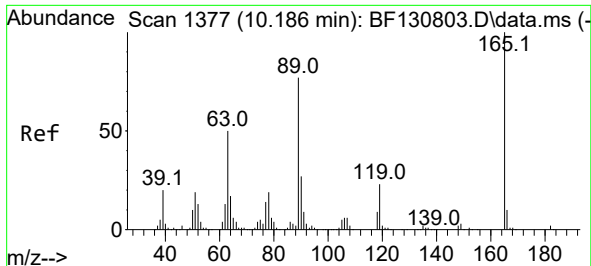
Tgt Ion: 65 Resp: 2524
Ion Ratio Lower Upper
65 100
92 172.2 50.1 75.1#
138 23.0 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.947 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59

Tgt Ion: 165 Resp: 27672
Ion Ratio Lower Upper
165 100
63 1.1 61.8 92.8#
89 1.7 56.2 84.4#

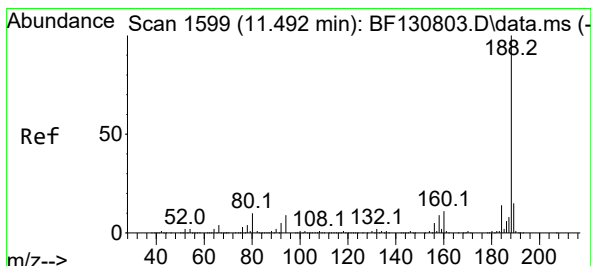
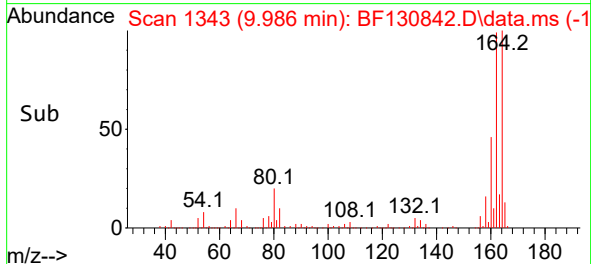
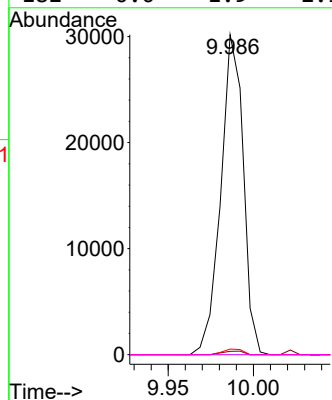
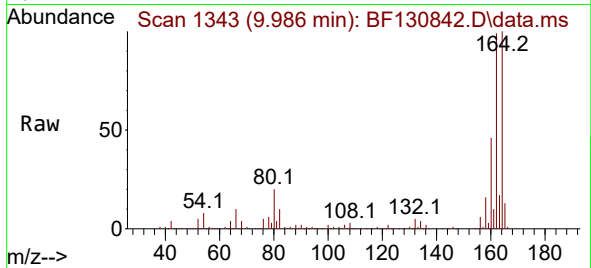




#57
2,4-Dinitrotoluene
Concen: 10.848 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59

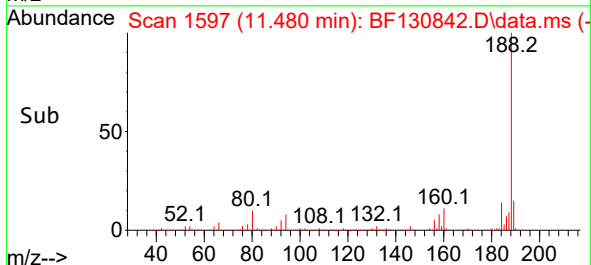
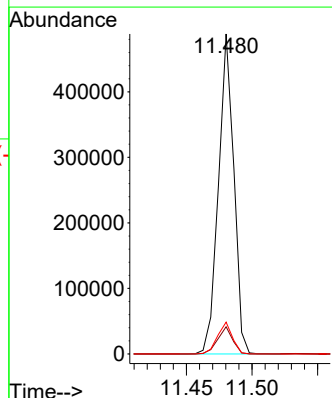
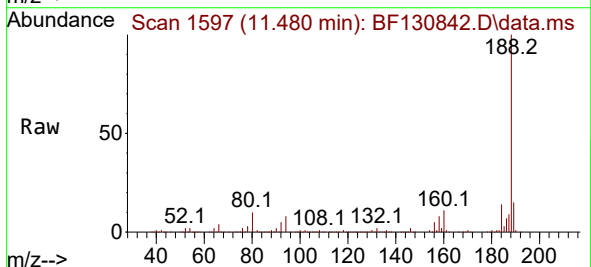
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BNA_F
ClientSampleId :
TP7-1024

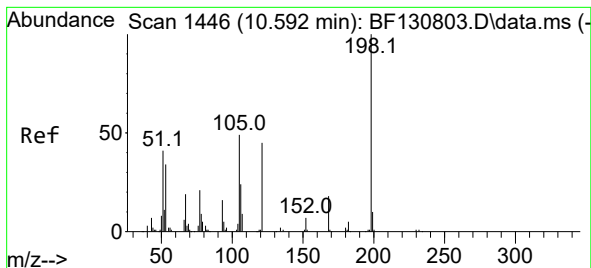
Tgt Ion:165 Resp: 27672
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.7 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59

Tgt Ion:188 Resp: 397297
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.9 8.0 12.0

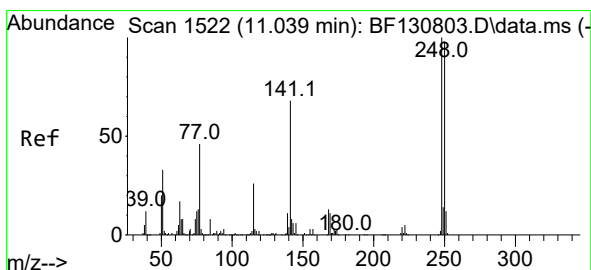
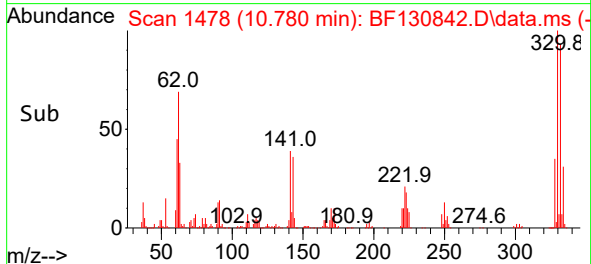
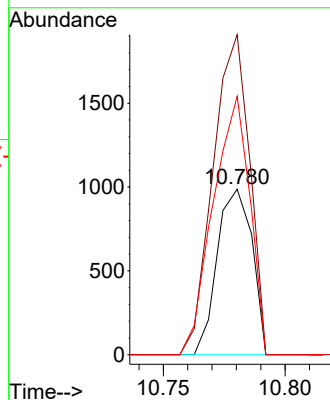
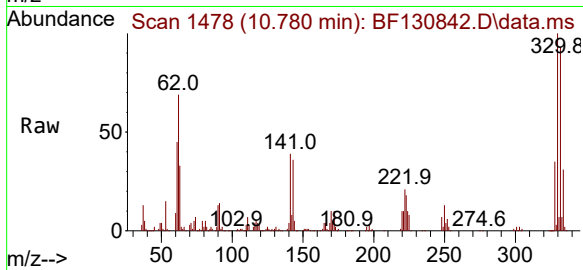




#65
4,6-Dinitro-2-methylphenol
Concen: 8.421 ng
RT: 10.780 min Scan# 1446
Delta R.T. 0.194 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59

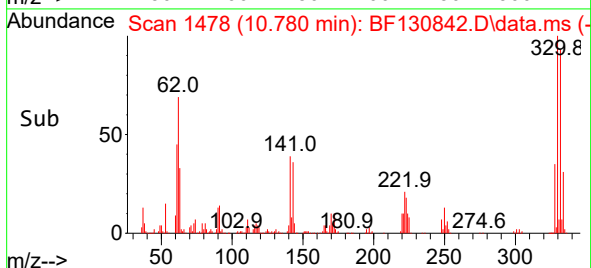
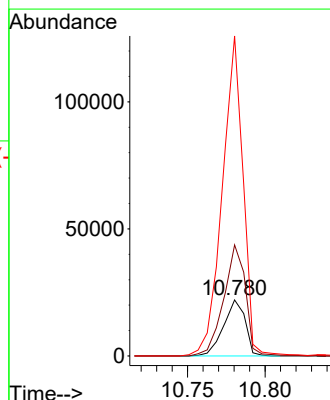
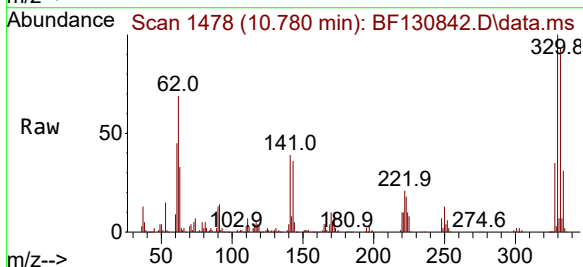
Instrument :
BNA_F
ClientSampleId :
TP7-1024

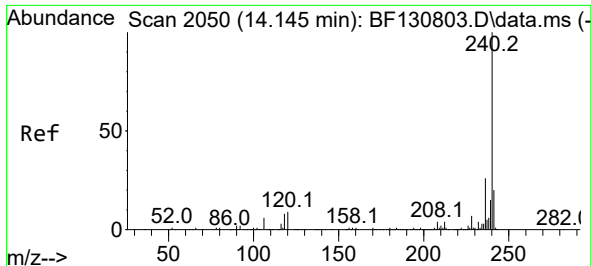
Tgt Ion:198 Resp: 980
Ion Ratio Lower Upper
198 100
51 193.4 39.0 79.0#
105 156.2 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 5.361 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.247 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59

Tgt Ion:248 Resp: 21421
Ion Ratio Lower Upper
248 100
250 198.3 78.6 117.8#
141 571.2 54.2 81.4#

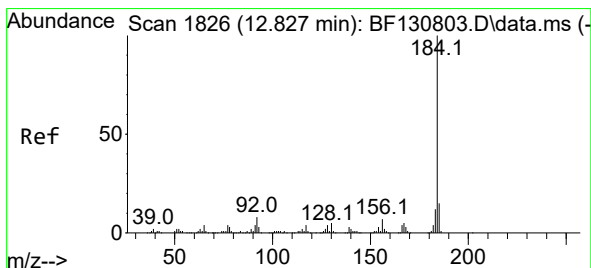
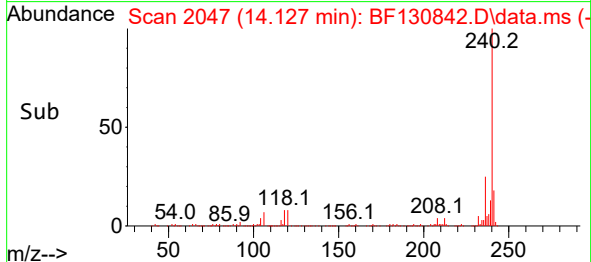
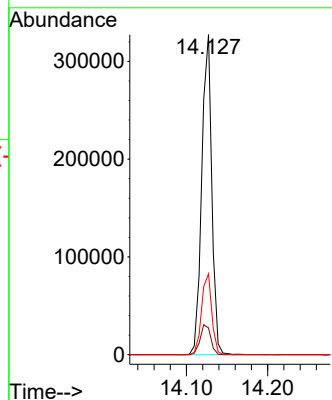
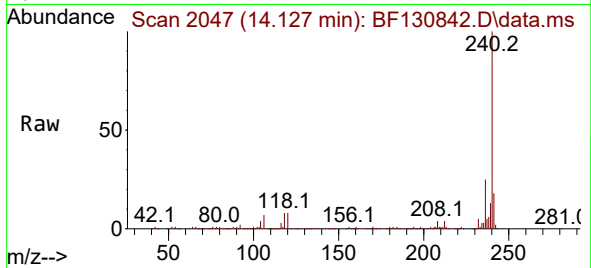




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59

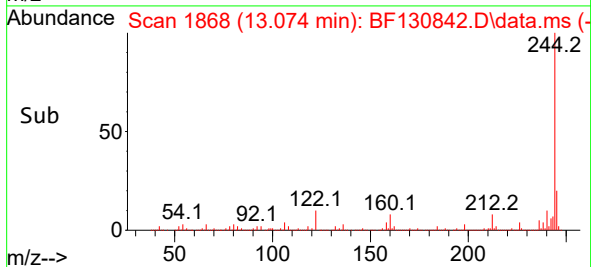
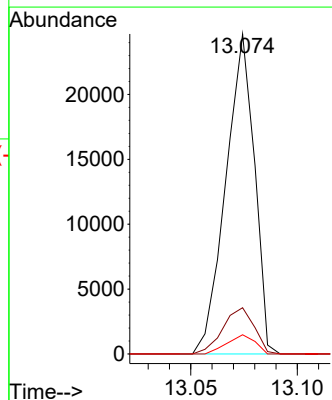
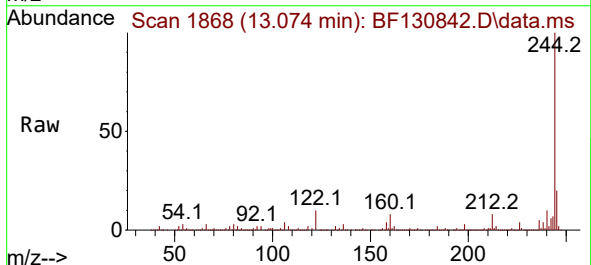
Instrument :
BNA_F
ClientSampleId :
TP7-1024

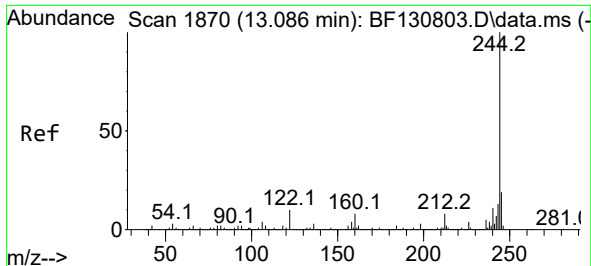
Tgt Ion:240 Resp: 281937
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.4
236 25.3 20.5 30.7



#77
Benzidine
Concen: 3.370 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.253 min
Lab File: BF130842.D
Acq: 29 Oct 2022 00:59

Tgt Ion:184 Resp: 23066
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 6.0 9.7 14.5#

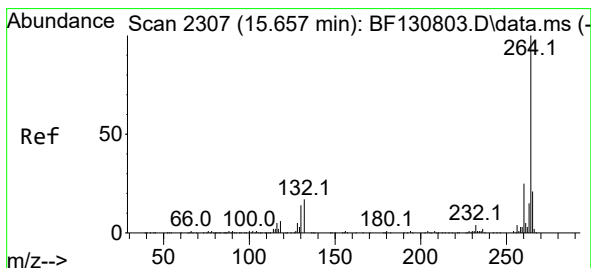
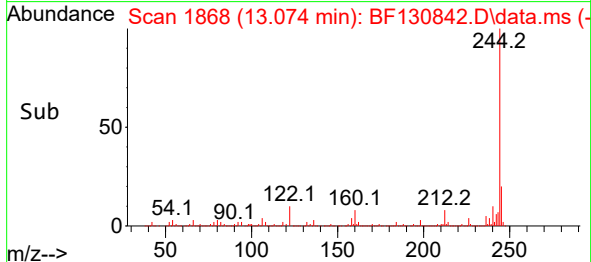
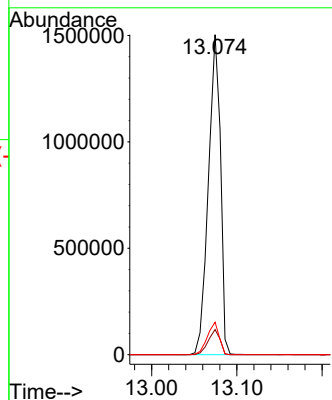
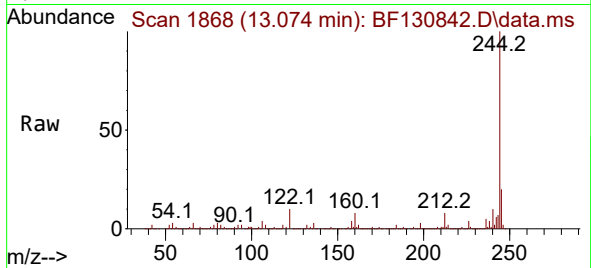




#79
 Terphenyl-d14
 Concen: 96.220 ng
 RT: 13.074 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130842.D
 Acq: 29 Oct 2022 00:59

Instrument :
 BNA_F
 ClientSampleId :
 TP7-1024

Tgt Ion:244 Resp: 1480413
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 10.1 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: BF130842.D
 Acq: 29 Oct 2022 00:59

Tgt Ion:264 Resp: 206510
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.9 29.9
 265 20.9 17.0 25.6

