

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
 Data File : BF130813.D
 Acq On : 27 Oct 2022 23:25
 Operator : CG\JU
 Sample : PB148514BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148514BL

Quant Time: Oct 28 04:54:55 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)

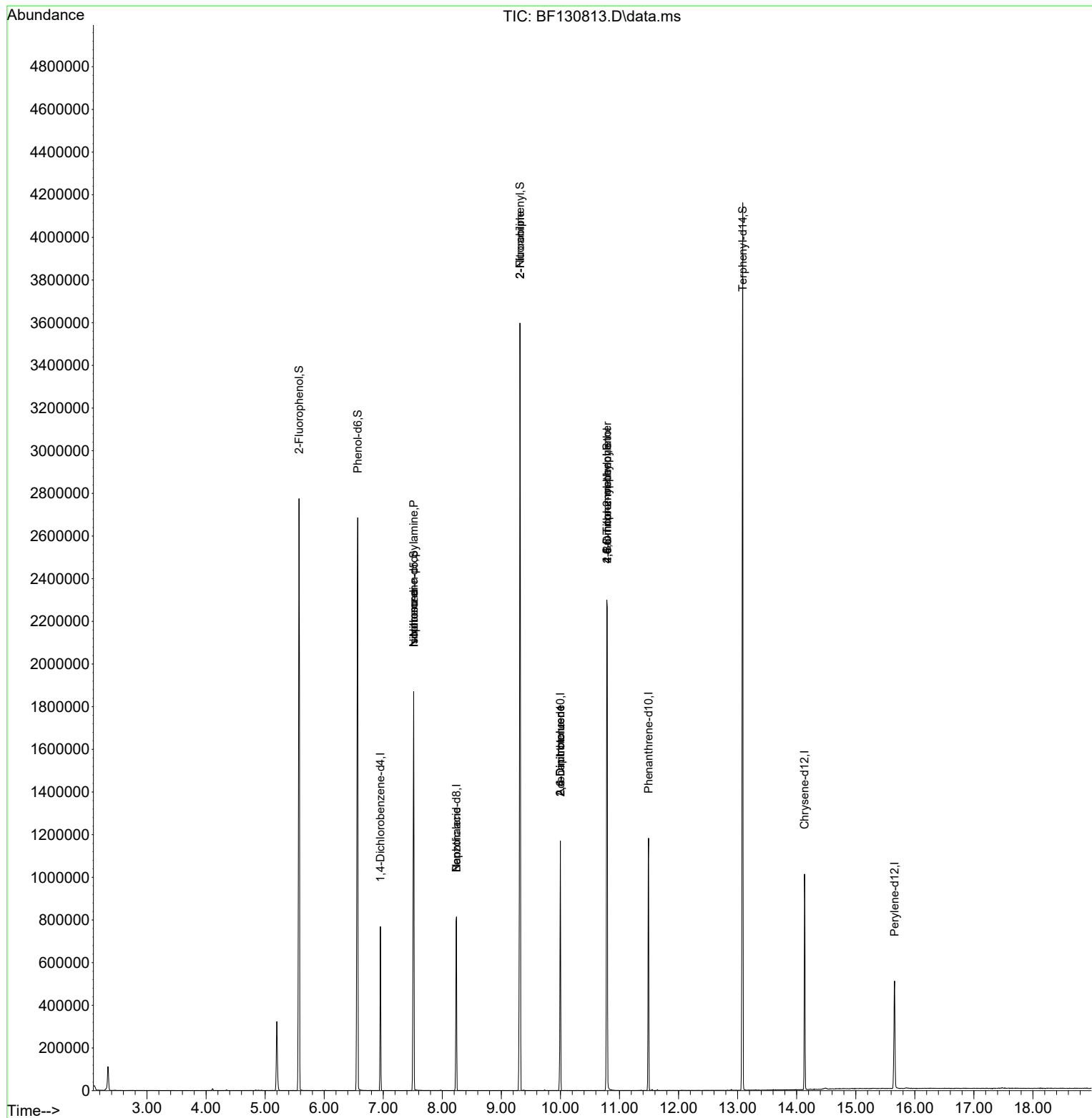
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	97372	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	377174	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	219280	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	422990	20.000	ng	0.00
76) Chrysene-d12	14.133	240	333333	20.000	ng	#-0.01
86) Perylene-d12	15.657	264	235931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	736316	131.094	ng	0.01
7) Phenol-d6	6.569	99	948919	130.008	ng	0.00
23) Nitrobenzene-d5	7.516	82	625114	99.937	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	274518	148.718	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1177380	81.178	ng	0.00
79) Terphenyl-d14	13.086	244	1446121	79.499	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	87349	17.589	ng	# 76
25) Isophorone	7.516	82	618755	47.970	ng	# 66
32) Benzoic acid	8.239	122	115	7.705	ng	# 1
48) 2-Nitroaniline	9.316	65	2297	4.668	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	27506	11.838	ng	# 14
57) 2,4-Dinitrotoluene	9.998	165	27506	10.762	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.792	198	766	8.290	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	17879	4.203	ng	# 1

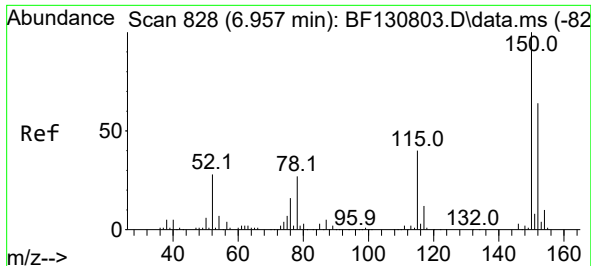
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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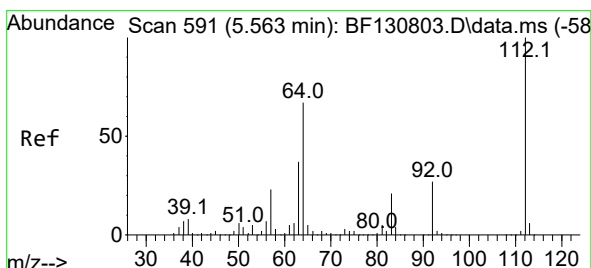
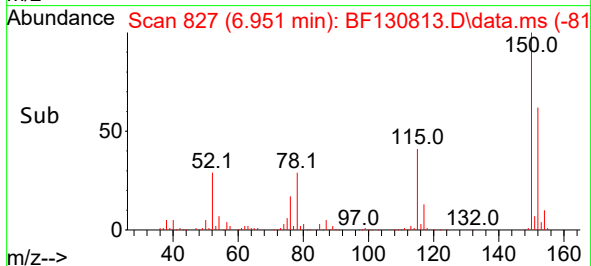
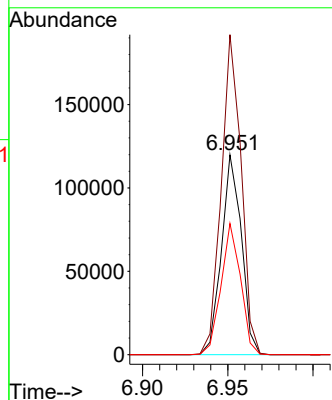
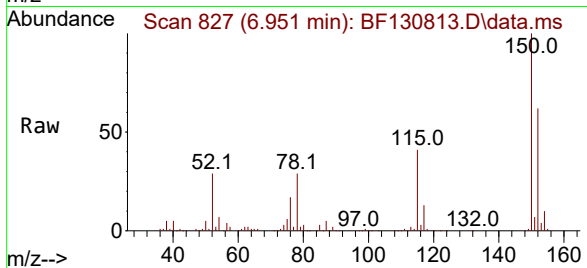




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130813.D
Acq: 27 Oct 2022 23:25

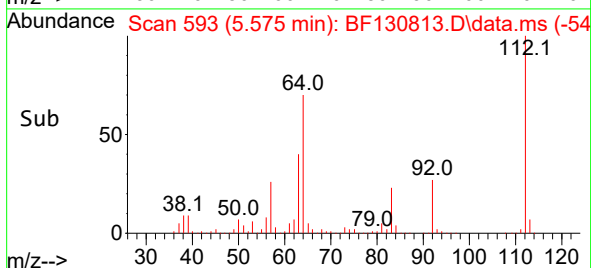
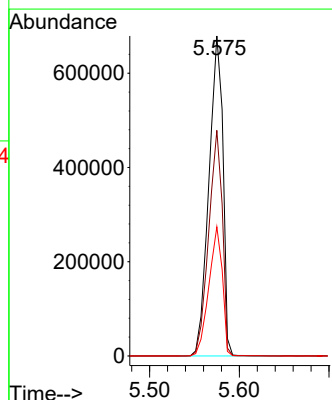
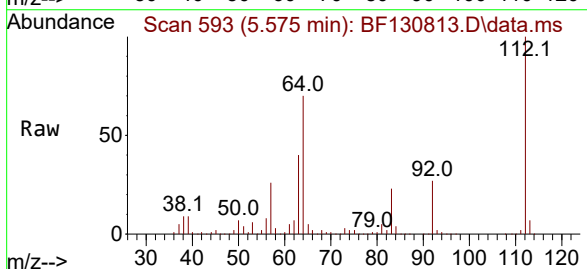
Instrument :
BNA_F
ClientSampleId :
PB148514BL

Tgt Ion:152 Resp: 97372
Ion Ratio Lower Upper
152 100
150 160.1 124.1 186.1
115 65.6 50.1 75.1



#5
2-Fluorophenol
Concen: 131.094 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF130813.D
Acq: 27 Oct 2022 23:25

Tgt Ion:112 Resp: 736316
Ion Ratio Lower Upper
112 100
64 70.5 53.9 80.9
63 40.3 29.4 44.2

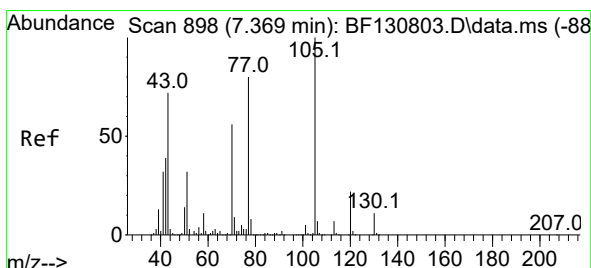
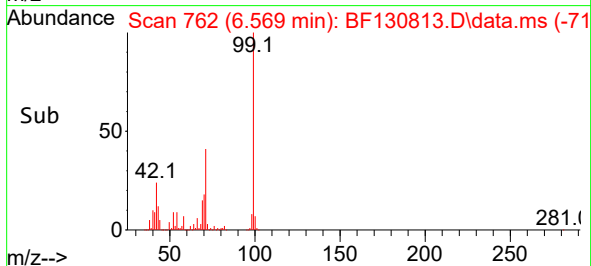
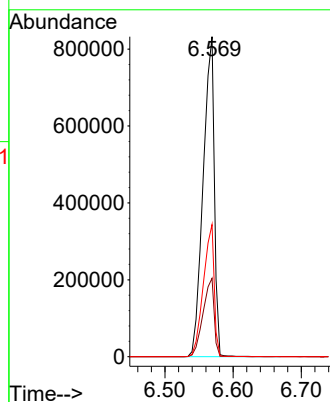
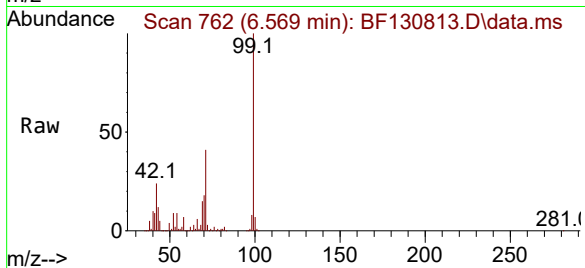




#7
Phenol-d6
Concen: 130.008 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130813.D
Acq: 27 Oct 2022 23:25

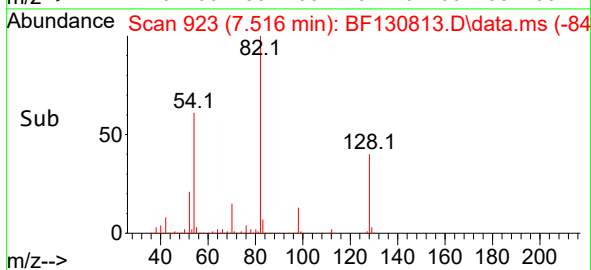
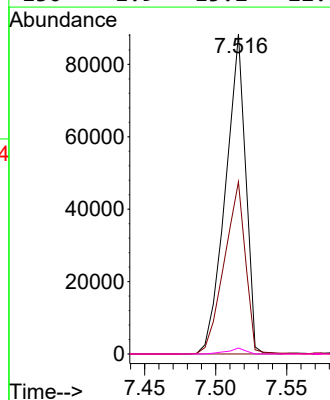
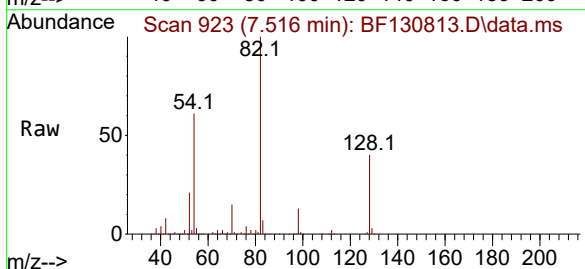
Instrument :
BNA_F
ClientSampleId :
PB148514BL

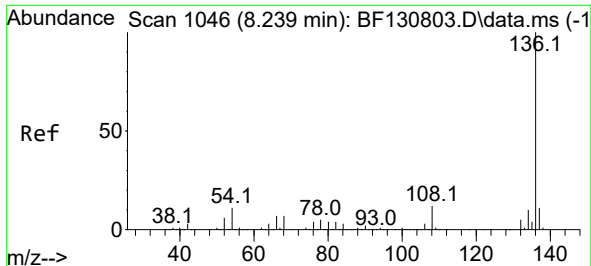
Tgt Ion: 99 Resp: 948919
Ion Ratio Lower Upper
99 100
42 24.5 18.8 28.2
71 41.3 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.589 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF130813.D
Acq: 27 Oct 2022 23:25

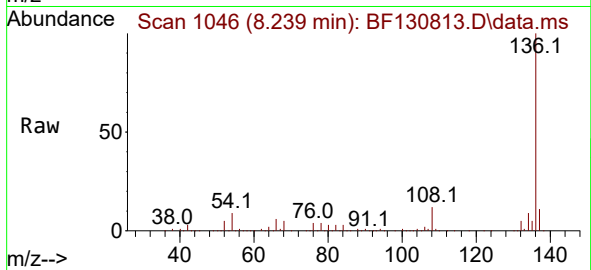
Tgt Ion: 70 Resp: 87349
Ion Ratio Lower Upper
70 100
42 53.8 56.1 84.1#
101 0.0 7.3 10.9#
130 1.9 15.2 22.8#



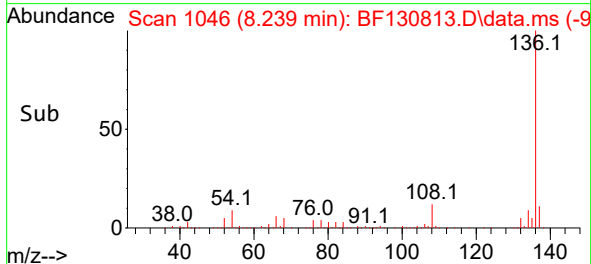
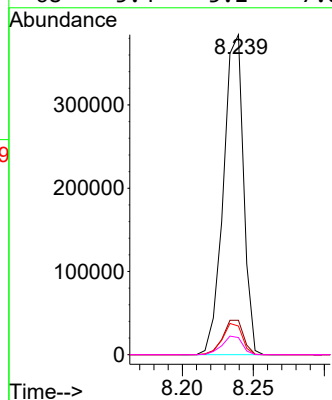


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF130813.D
Acq: 27 Oct 2022 23:25

Instrument :
BNA_F
ClientSampleId :
PB148514BL

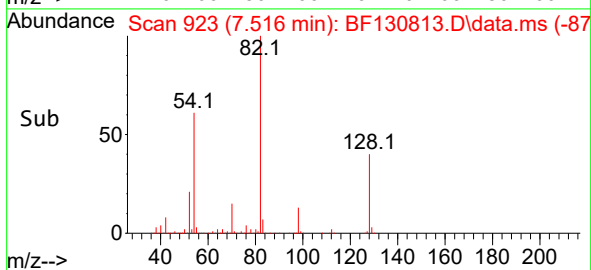
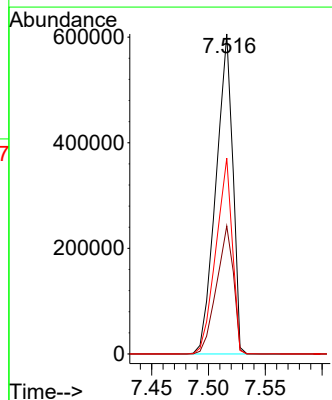
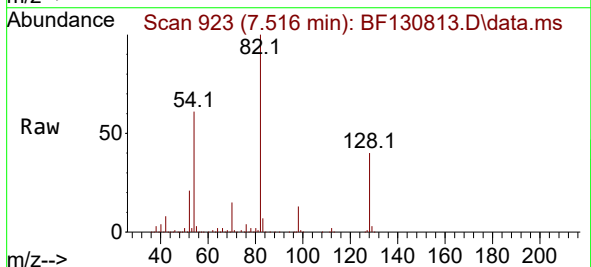


Tgt Ion:	136	Resp:	377174
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	8.9	8.8	13.2
68	5.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 99.937 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF130813.D
Acq: 27 Oct 2022 23:25

Tgt Ion:	82	Resp:	625114
Ion Ratio	Lower	Upper	
82	100		
128	40.0	31.2	46.8
54	61.2	48.0	72.0

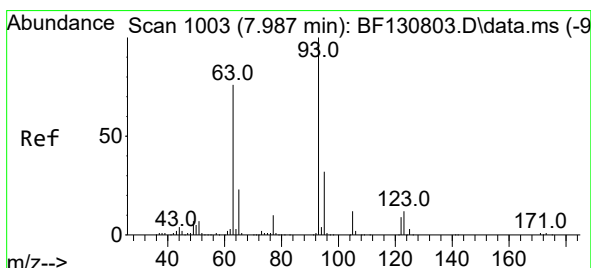
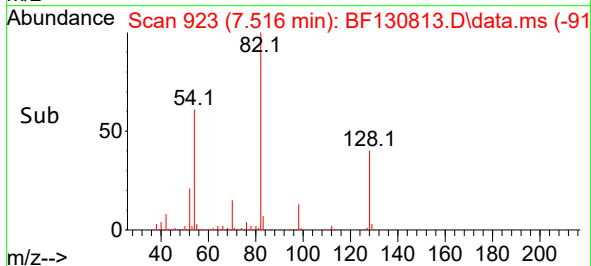
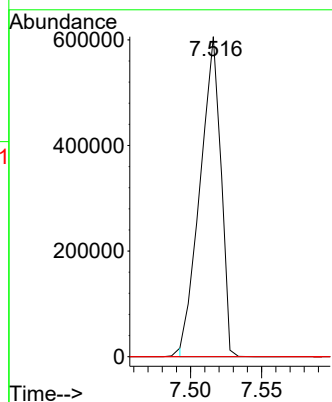
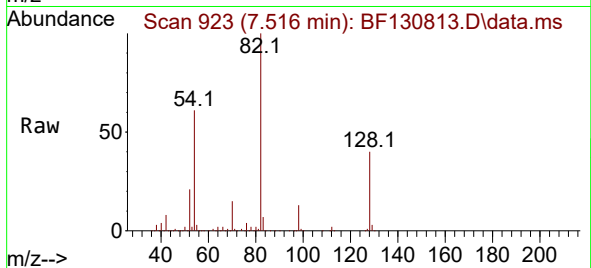




#25
Isophorone
Concen: 47.970 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130813.D
Acq: 27 Oct 2022 23:25

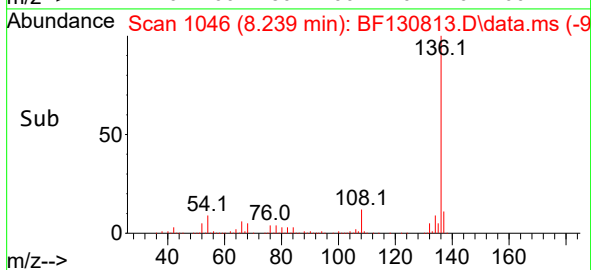
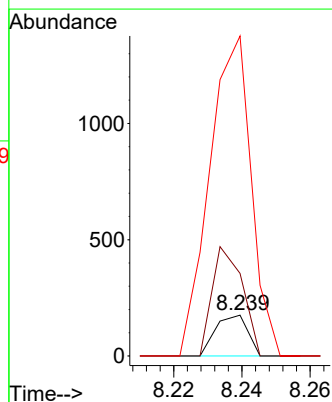
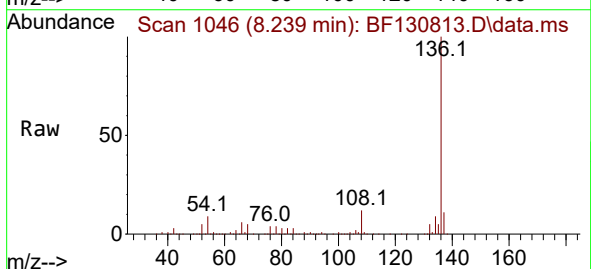
Instrument :
BNA_F
ClientSampleId :
PB148514BL

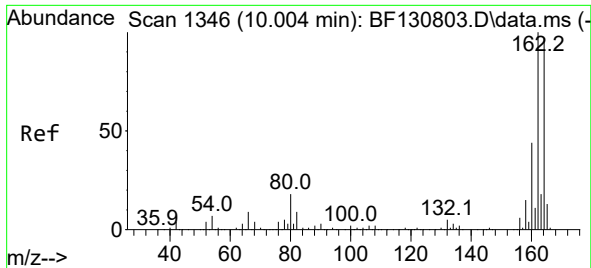
Tgt Ion: 82 Resp: 618755
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.705 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.252 min
Lab File: BF130813.D
Acq: 27 Oct 2022 23:25

Tgt Ion:122 Resp: 115
Ion Ratio Lower Upper
122 100
105 201.7 114.5 154.5#
77 781.8 89.8 129.8#

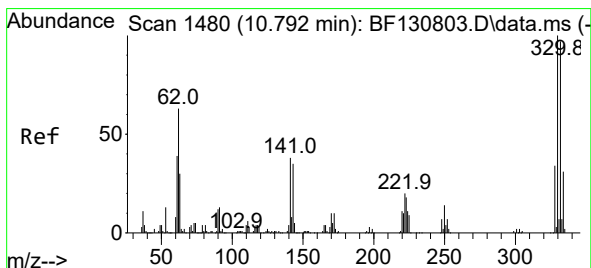
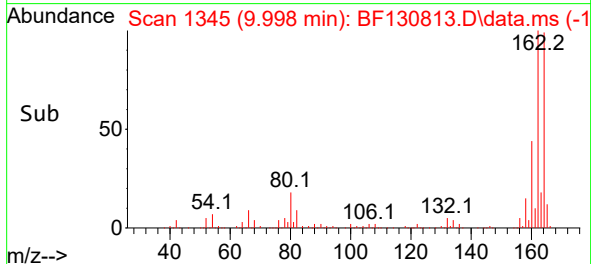
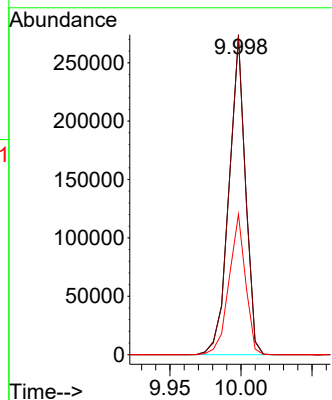
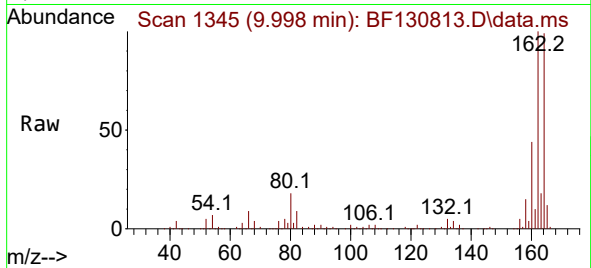




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130813.D
Acq: 27 Oct 2022 23:25

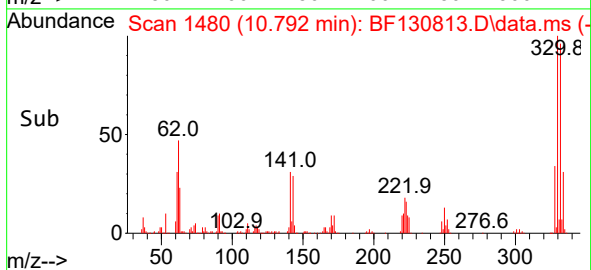
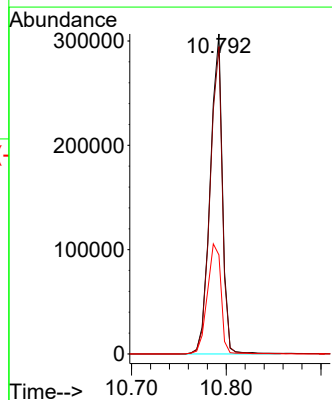
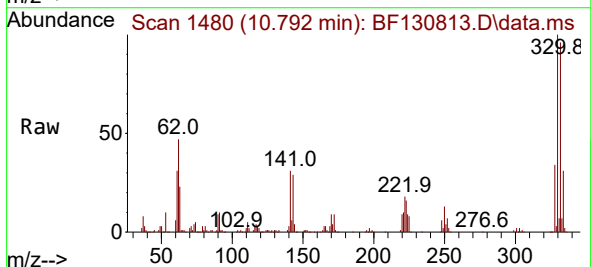
Instrument :
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ClientSampleId :
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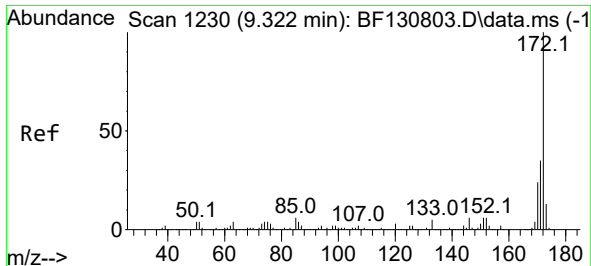
Tgt Ion:164 Resp: 219280
Ion Ratio Lower Upper
164 100
162 100.7 82.2 123.2
160 44.1 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 148.718 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF130813.D
Acq: 27 Oct 2022 23:25

Tgt Ion:330 Resp: 274518
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 38.6 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 81.178 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF130813.D

Acq: 27 Oct 2022 23:25

Instrument :

BNA_F

ClientSampleId :

PB148514BL

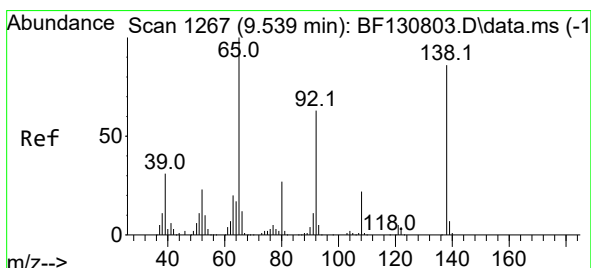
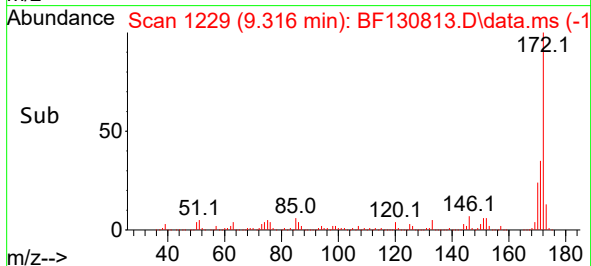
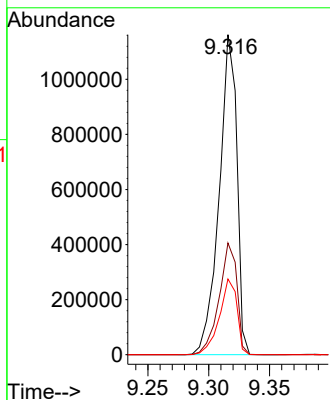
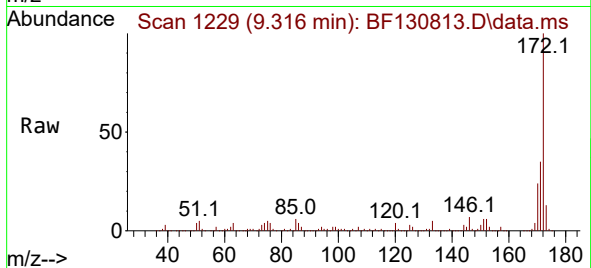
Tgt Ion:172 Resp: 1177380

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.6 19.0 28.4



#48

2-Nitroaniline

Concen: 4.668 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.223 min

Lab File: BF130813.D

Acq: 27 Oct 2022 23:25

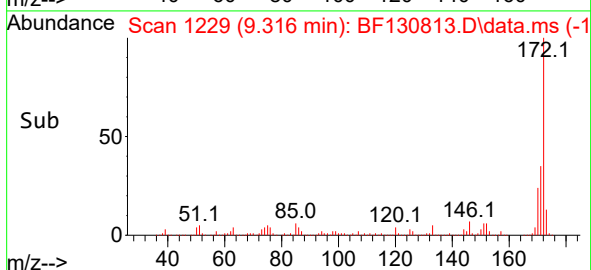
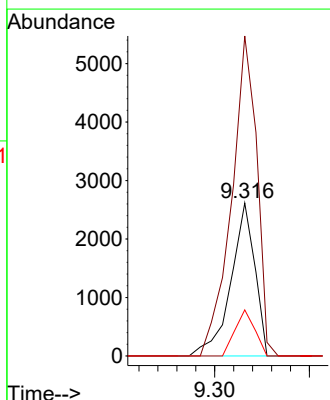
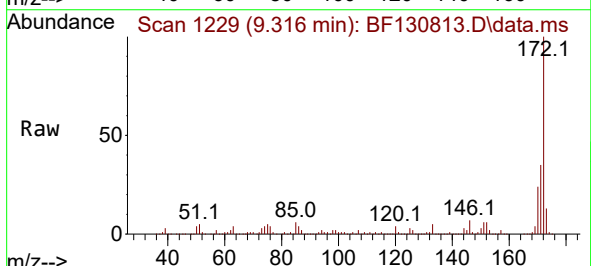
Tgt Ion: 65 Resp: 2297

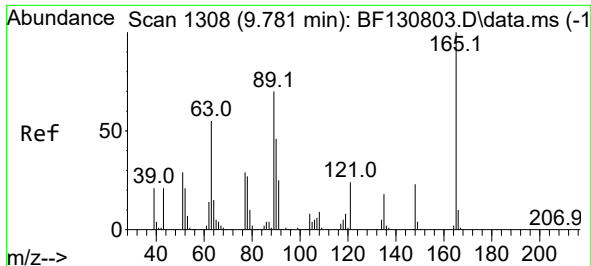
Ion Ratio Lower Upper

65 100

92 209.3 50.1 75.1#

138 30.1 69.2 103.8#

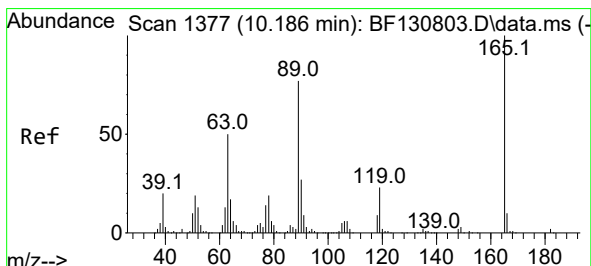
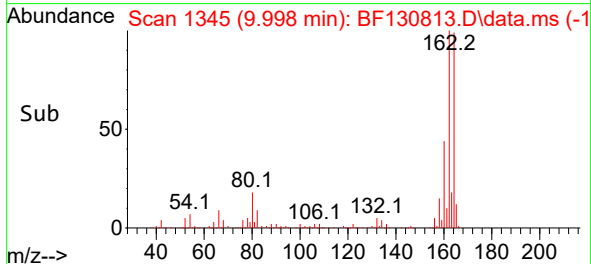
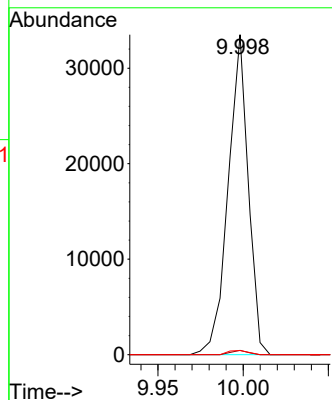
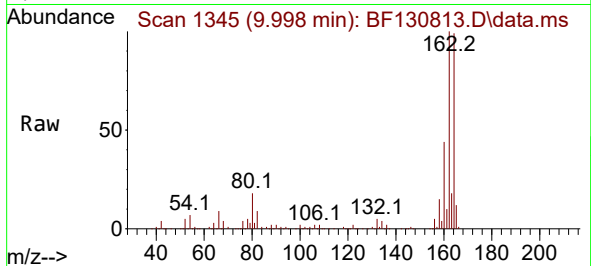




#51
2,6-Dinitrotoluene
Concen: 11.838 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.217 min
Lab File: BF130813.D
Acq: 27 Oct 2022 23:25

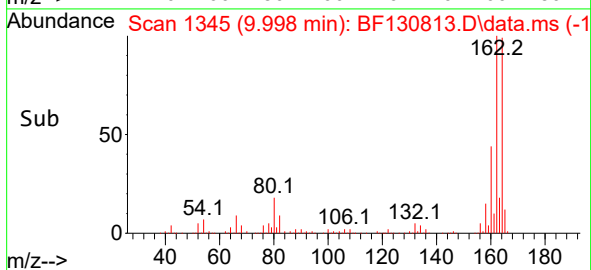
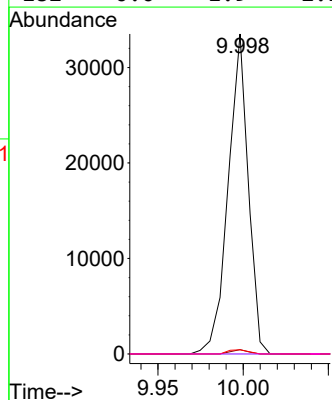
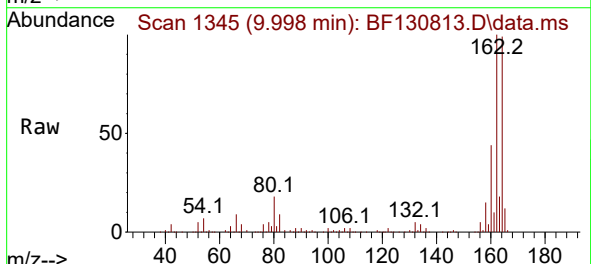
Instrument :
BNA_F
ClientSampleId :
PB148514BL

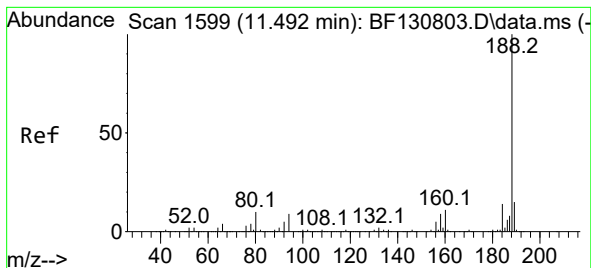
Tgt Ion:165 Resp: 27506
Ion Ratio Lower Upper
165 100
63 1.3 61.8 92.8#
89 1.3 56.2 84.4#



#57
2,4-Dinitrotoluene
Concen: 10.762 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.188 min
Lab File: BF130813.D
Acq: 27 Oct 2022 23:25

Tgt Ion:165 Resp: 27506
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.3 61.9 92.9#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130813.D

Acq: 27 Oct 2022 23:25

Instrument :

BNA_F

ClientSampleId :

PB148514BL

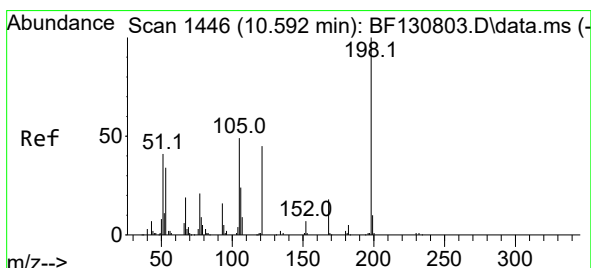
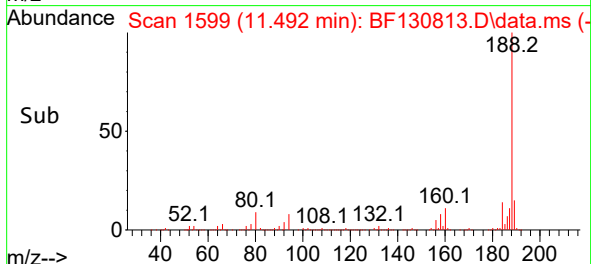
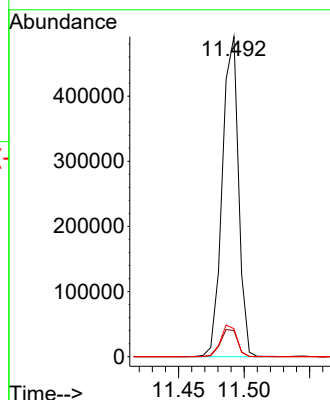
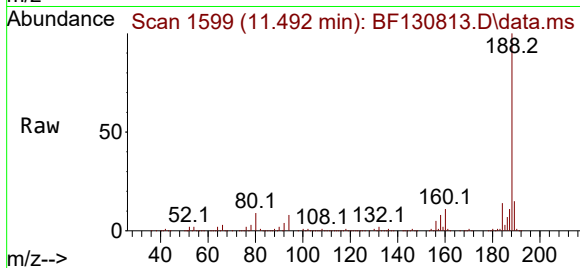
Tgt Ion:188 Resp: 422990

Ion Ratio Lower Upper

188 100

94 8.1 7.4 11.2

80 8.8 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 8.290 ng

RT: 10.792 min Scan# 1480

Delta R.T. 0.200 min

Lab File: BF130813.D

Acq: 27 Oct 2022 23:25

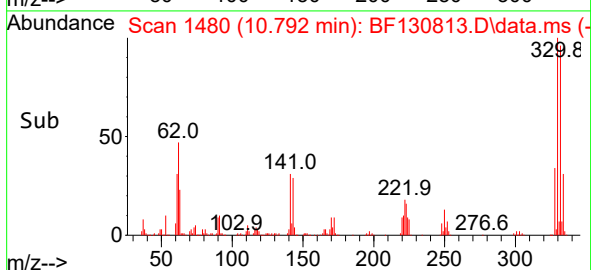
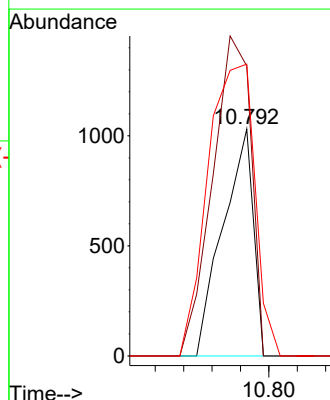
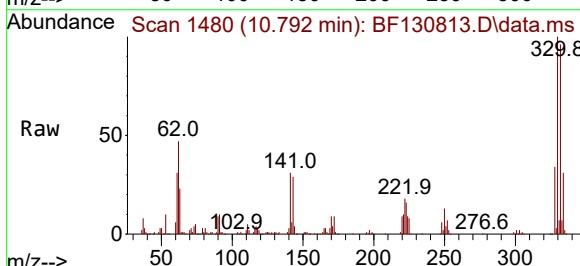
Tgt Ion:198 Resp: 766

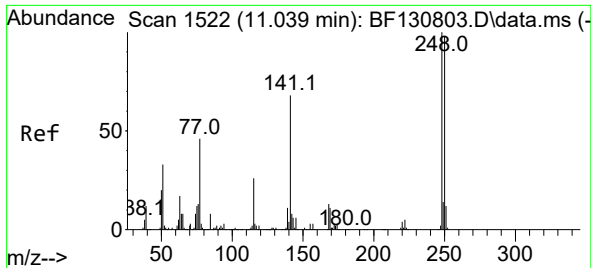
Ion Ratio Lower Upper

198 100

51 127.7 39.0 79.0#

105 128.6 30.6 70.6#

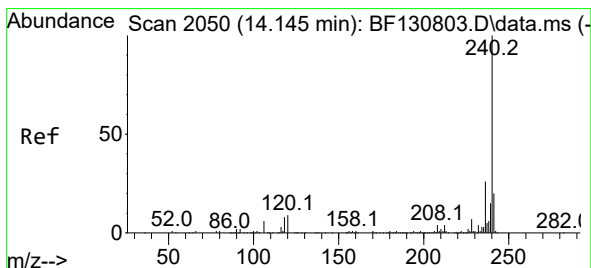
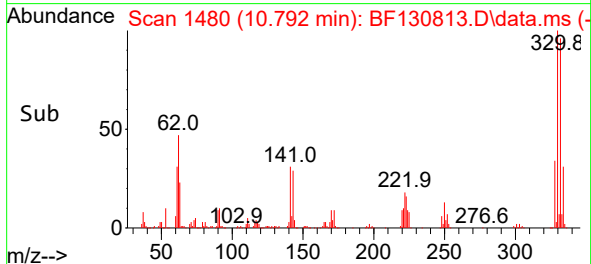
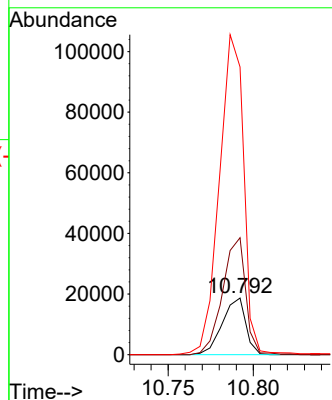
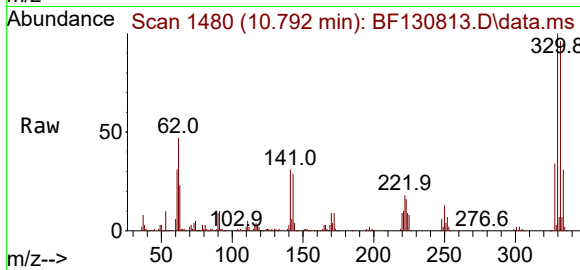




#67
4-Bromophenyl-phenylether
Concen: 4.203 ng
RT: 10.792 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF130813.D
Acq: 27 Oct 2022 23:25

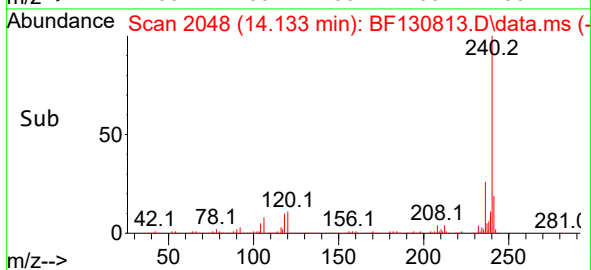
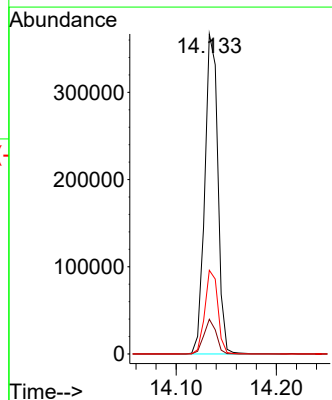
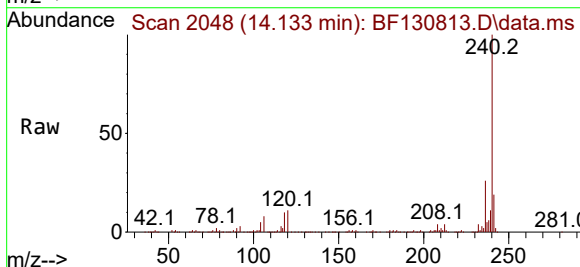
Instrument :
BNA_F
ClientSampleId :
PB148514BL

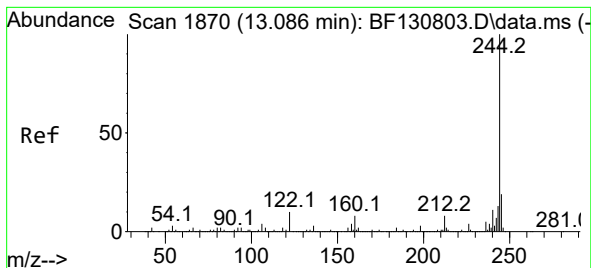
Tgt Ion:248 Resp: 17879
Ion Ratio Lower Upper
248 100
250 206.9 78.6 117.8#
141 508.5 54.2 81.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BF130813.D
Acq: 27 Oct 2022 23:25

Tgt Ion:240 Resp: 333333
Ion Ratio Lower Upper
240 100
120 10.9 7.0 10.4#
236 26.1 20.5 30.7





#79

Terphenyl-d14

Concen: 79.499 ng

RT: 13.086 min Scan# 1870

Delta R.T. 0.000 min

Lab File: BF130813.D

Acq: 27 Oct 2022 23:25

Instrument :

BNA_F

ClientSampleId :

PB148514BL

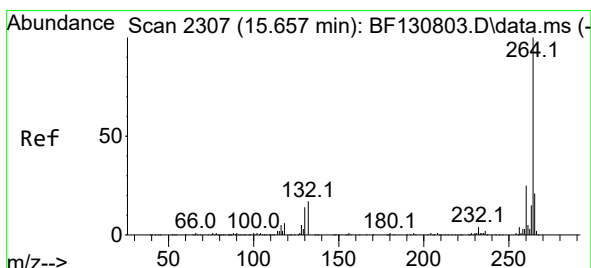
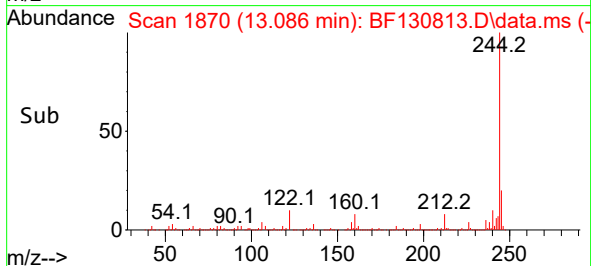
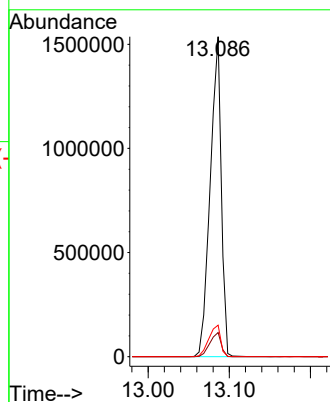
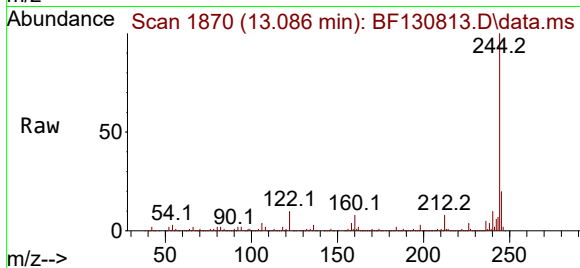
Tgt Ion:244 Resp: 1446121

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 9.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.657 min Scan# 2307

Delta R.T. -0.000 min

Lab File: BF130813.D

Acq: 27 Oct 2022 23:25

Tgt Ion:264 Resp: 235931

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

265 20.8 17.0 25.6

