

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041223\
 Data File : BF132871.D
 Acq On : 12 Apr 2023 21:41
 Operator : CG\JU
 Sample : PB151838TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151838TB

Quant Time: Apr 13 06:03:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:46:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	259008	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1021026	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	517320	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	922632	20.000	ng	0.00
76) Chrysene-d12	13.916	240	688633	20.000	ng	0.00
86) Perylene-d12	15.345	264	568261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2534696	150.076	ng	0.02
7) Phenol-d6	6.404	99	3235400	150.166	ng	0.00
23) Nitrobenzene-d5	7.334	82	2035428	105.129	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	856337	174.591	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	3244005	95.736	ng	0.00
79) Terphenyl-d14	12.880	244	3971689	100.600	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.310	77	179	Below Cal	#	2
19) n-Nitroso-di-n-propyla...	7.334	70	271784	21.958	ng	# 80
25) Isophorone	7.334	82	2029253	57.779	ng	# 64
32) Benzoic acid	7.722	122	56	5.018	ng	# 60
48) 2-Nitroaniline	9.134	65	5428	3.701	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	65175	8.660	ng	# 24
57) 2,4-Dinitrotoluene	9.804	165	65175	6.984	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.592	198	1733	6.807	ng	# 1
67) 4-Bromophenyl-phenylether	10.592	248	49360	4.999	ng	# 1
77) Benzidine	12.880	184	45934	12.423	ng	# 90
84) Bis(2-ethylhexyl)phtha...	13.922	149	201	5.036	ng	# 1
85) Di-n-octyl phthalate	14.563	149	66	7.225	ng	# 1

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

Instrument :

BNA_F

ClientSampleId :

PB151838TB

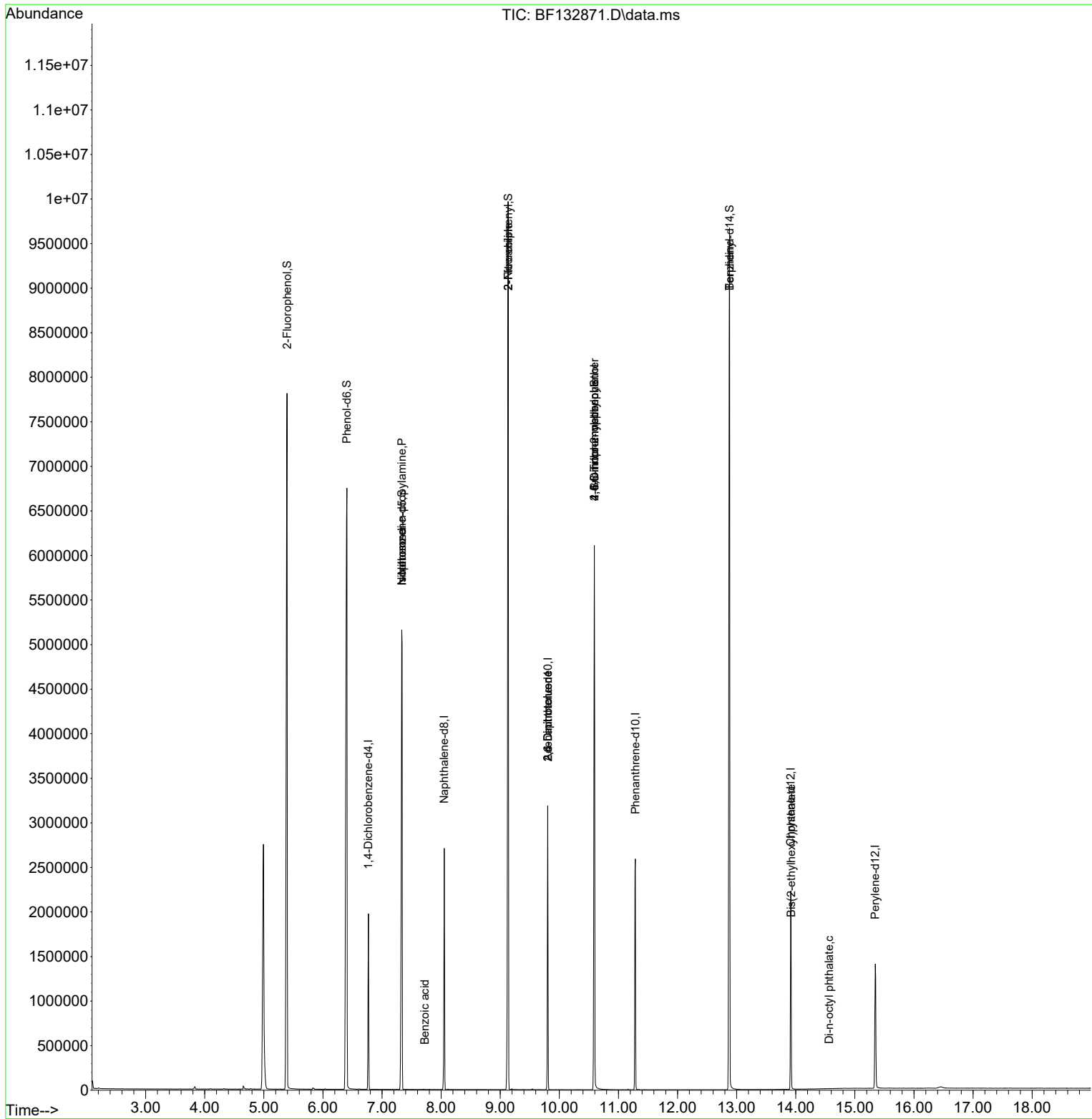
Quant Time: Apr 13 06:03:27 2023

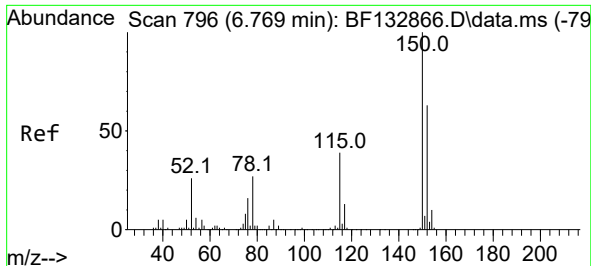
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041223.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Apr 13 05:46:34 2023

Response via : Initial Calibration

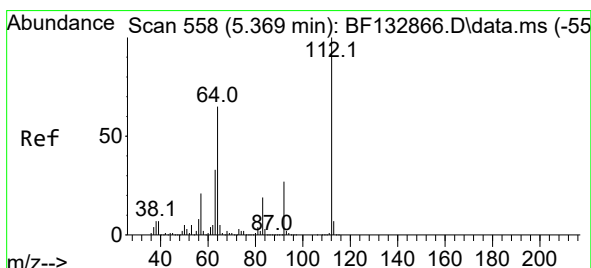
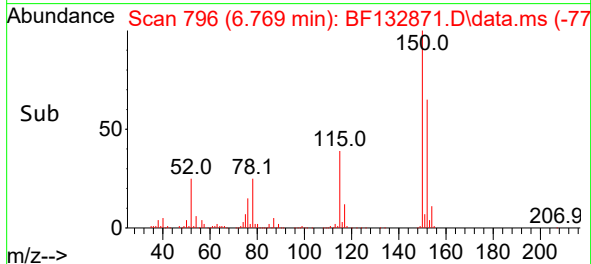
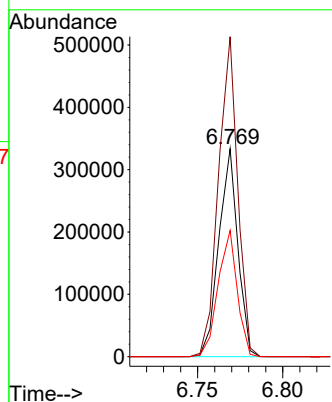
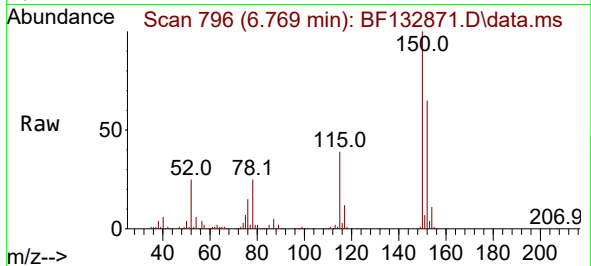




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: BF132871.D
 Acq: 12 Apr 2023 21:41

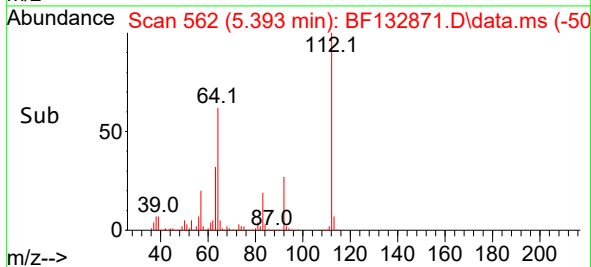
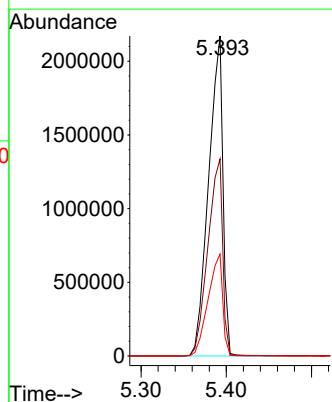
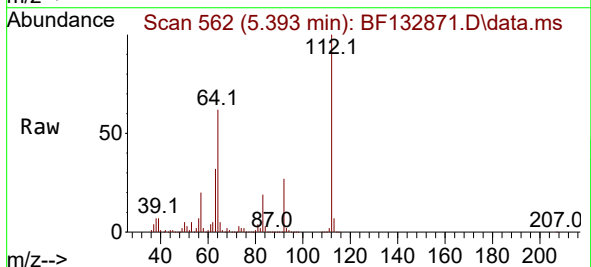
Instrument :
 BNA_F
 ClientSampleId :
 PB151838TB

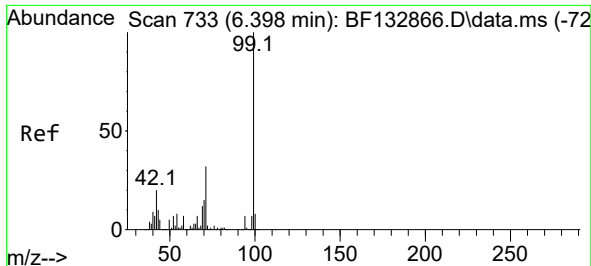
Tgt Ion:152 Resp: 259008
 Ion Ratio Lower Upper
 152 100
 150 153.8 127.5 191.3
 115 60.7 50.3 75.5



#5
 2-Fluorophenol
 Concen: 150.076 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.024 min
 Lab File: BF132871.D
 Acq: 12 Apr 2023 21:41

Tgt Ion:112 Resp: 2534696
 Ion Ratio Lower Upper
 112 100
 64 61.6 52.3 78.5
 63 31.8 26.6 40.0

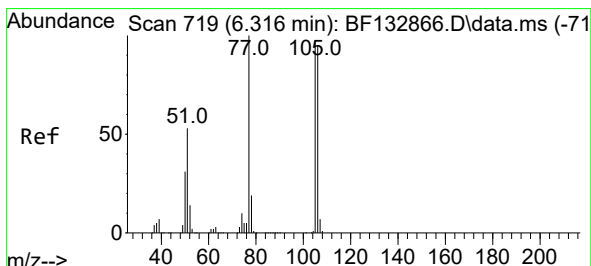
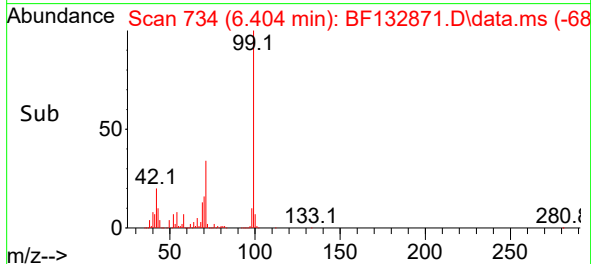
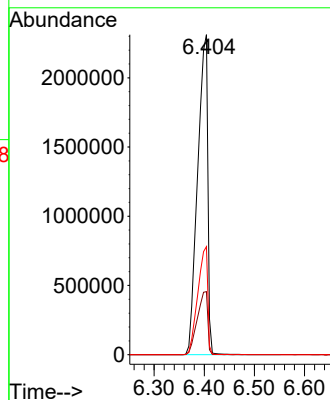
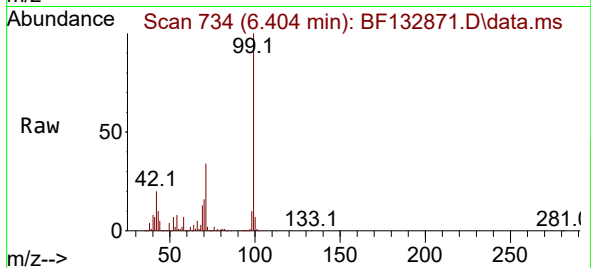




#7
Phenol-d6
Concen: 150.166 ng
RT: 6.404 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

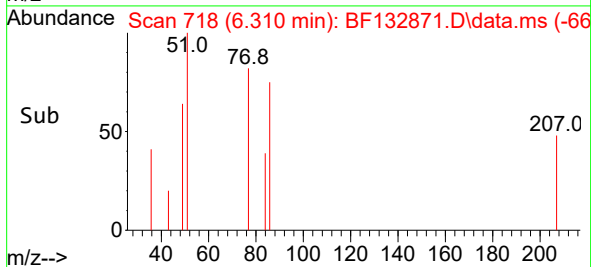
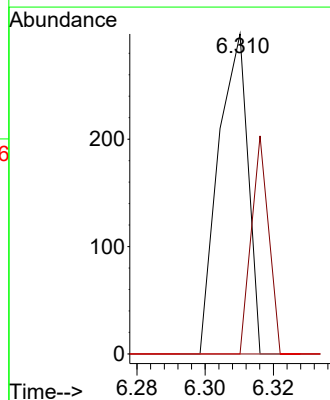
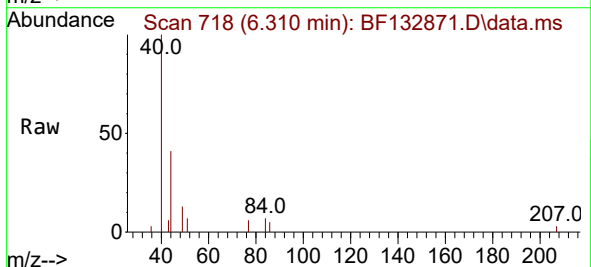
Instrument :
BNA_F
ClientSampleId :
PB151838TB

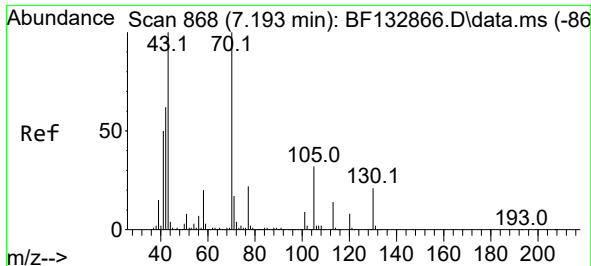
Tgt Ion: 99 Resp: 3235400
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 33.7 25.5 38.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.310 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

Tgt Ion: 77 Resp: 179
Ion Ratio Lower Upper
77 100
105 0.0 77.0 117.0#
106 0.0 75.4 115.4#

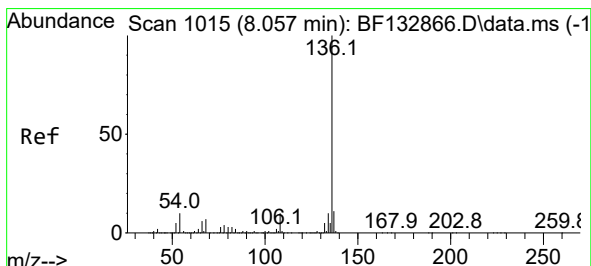
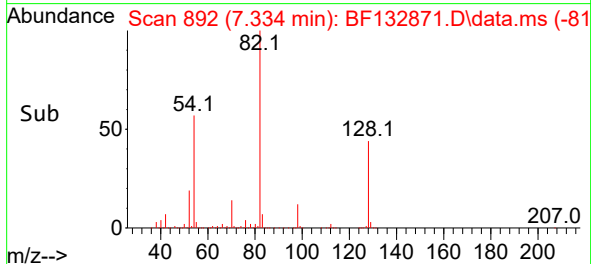
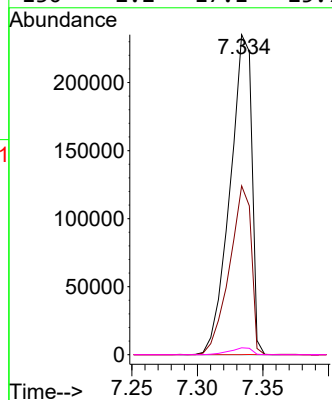
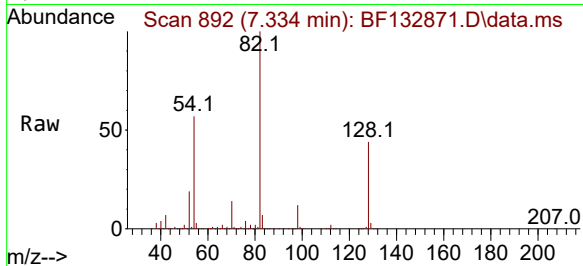




#19
n-Nitroso-di-n-propylamine
Concen: 21.958 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

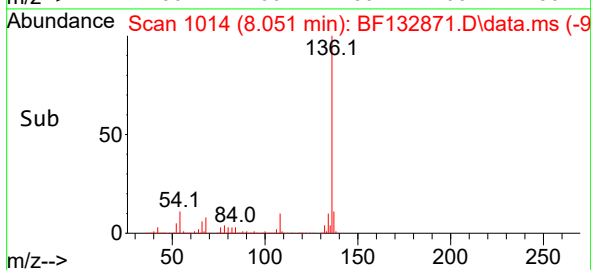
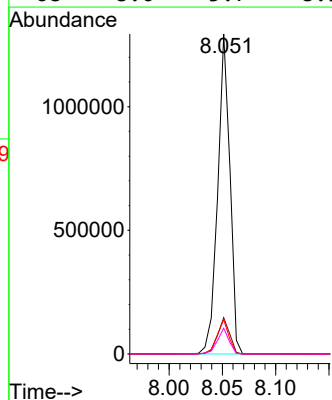
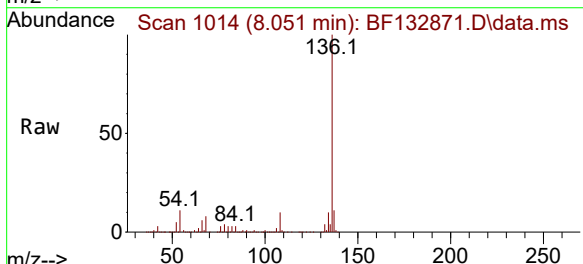
Instrument :
BNA_F
ClientSampleId :
PB151838TB

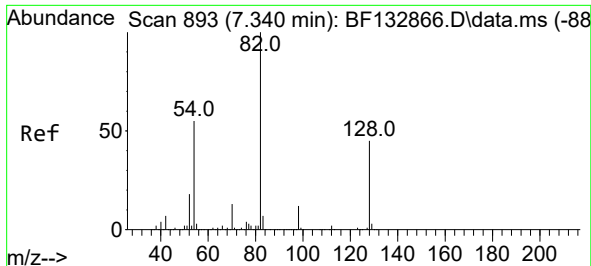
Tgt Ion: 70 Resp: 271784
Ion Ratio Lower Upper
70 100
42 52.8 50.0 75.0
101 0.0 7.6 11.4#
130 2.2 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

Tgt Ion:136 Resp: 1021026
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 10.7 8.1 12.1
68 8.0 5.7 8.5

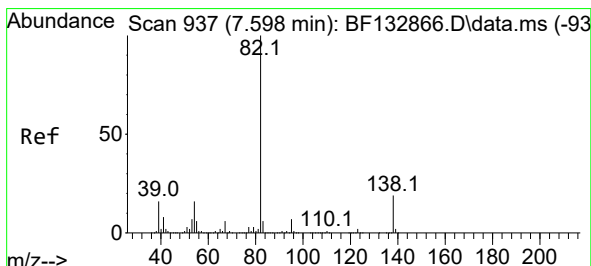
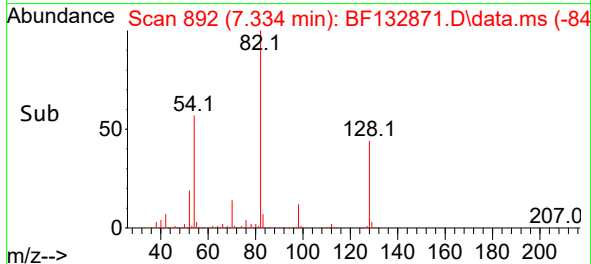
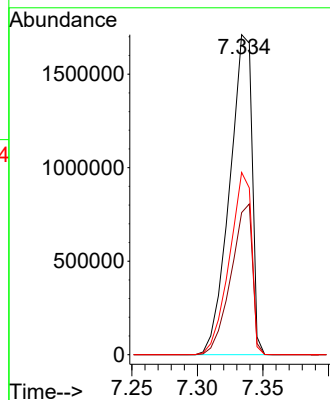
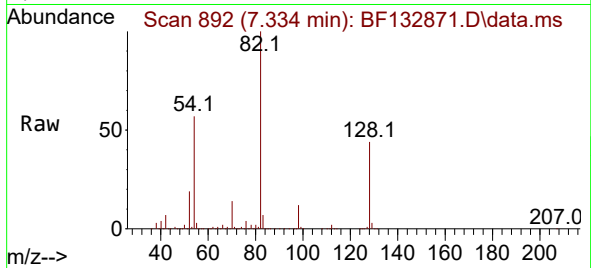




#23
Nitrobenzene-d5
Concen: 105.129 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

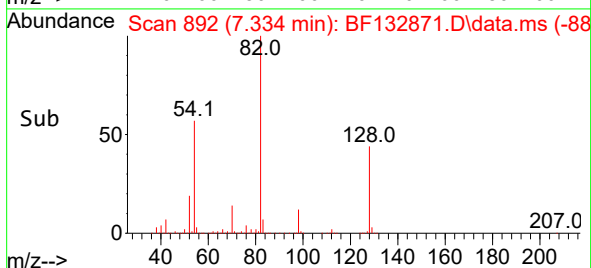
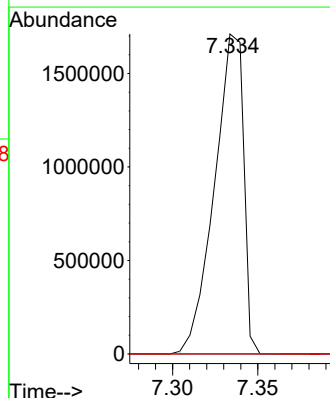
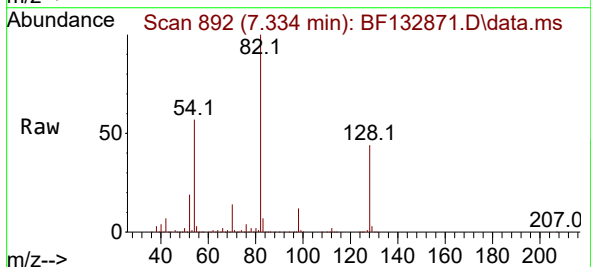
Instrument :
BNA_F
ClientSampleId :
PB151838TB

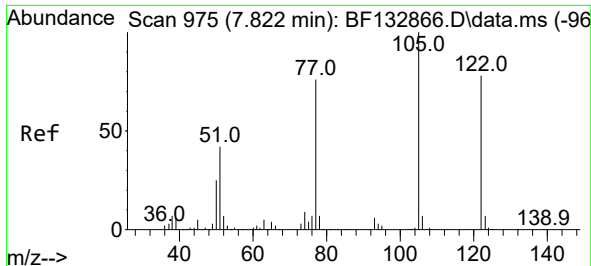
Tgt Ion: 82 Resp: 2035428
Ion Ratio Lower Upper
82 100
128 44.4 36.2 54.4
54 57.0 44.2 66.4



#25
Isophorone
Concen: 57.779 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

Tgt Ion: 82 Resp: 2029253
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.2 22.8#

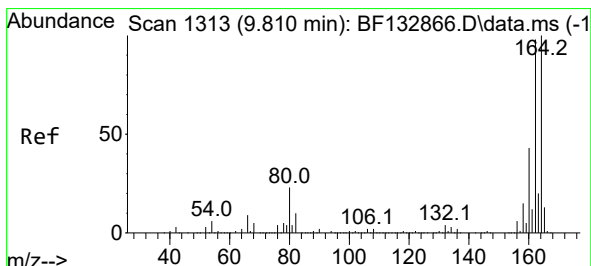
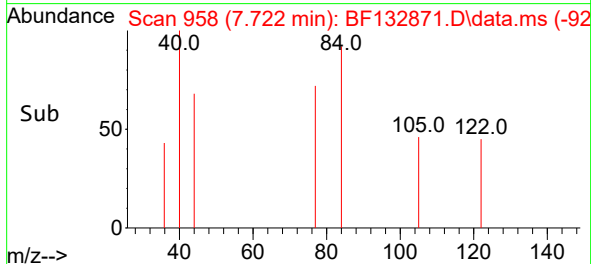
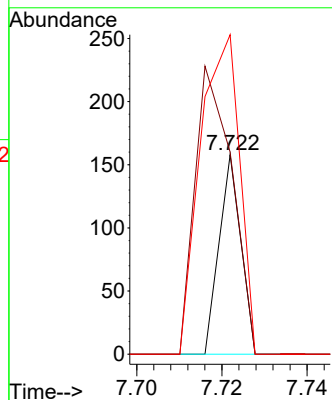
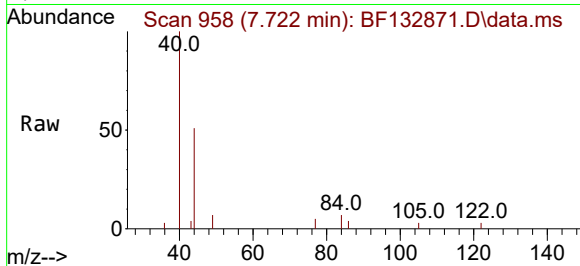




#32
Benzoic acid
Concen: 5.018 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.100 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

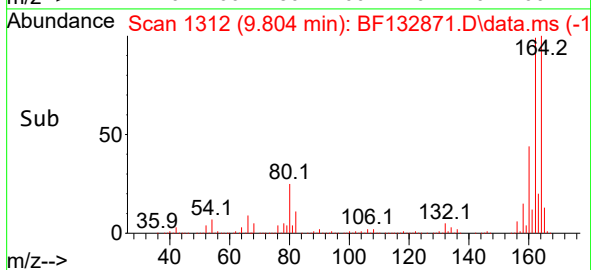
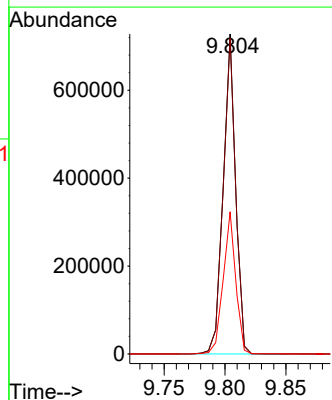
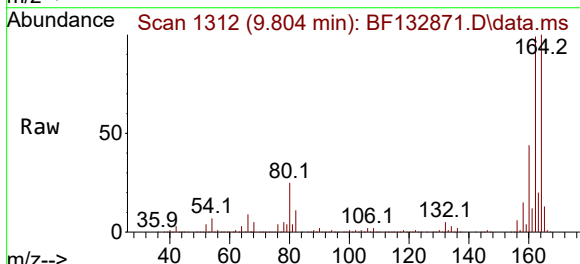
Instrument :
BNA_F
ClientSampleId :
PB151838TB

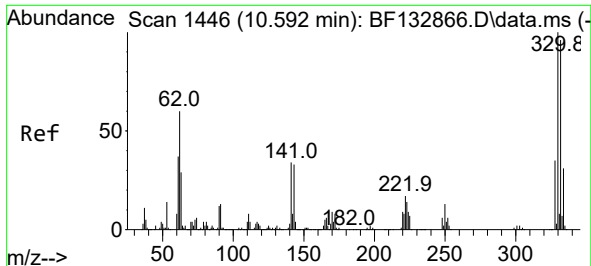
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 101.3 104.3 144.3#
77 160.1 75.5 115.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

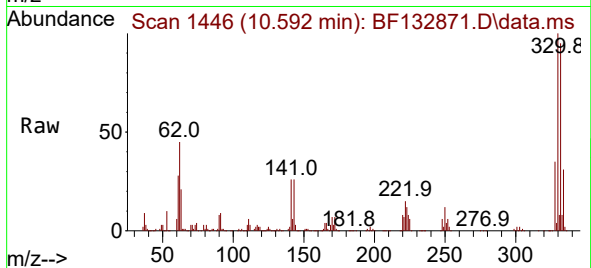
Tgt Ion:164 Resp: 517320
Ion Ratio Lower Upper
164 100
162 98.7 78.7 118.1
160 44.5 34.4 51.6



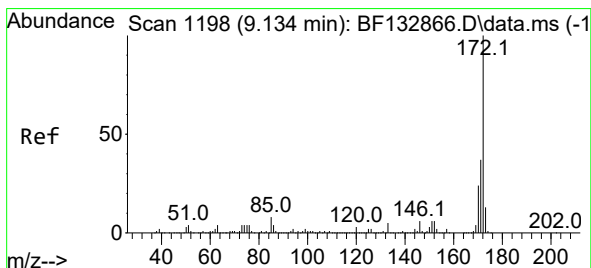
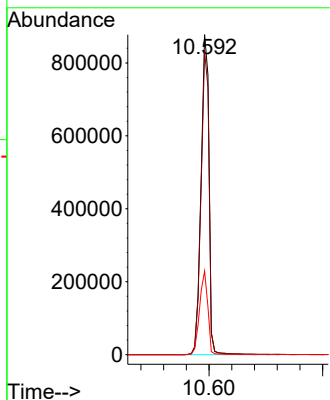
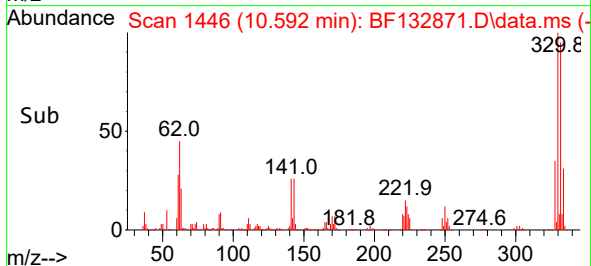


#42
2,4,6-Tribromophenol
Concen: 174.591 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

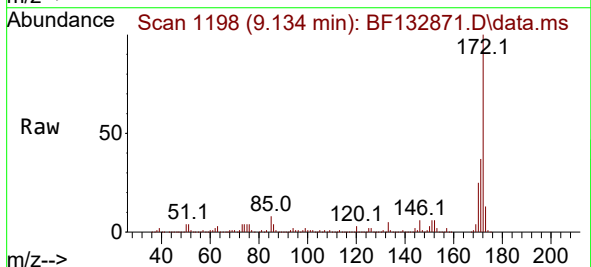
Instrument :
BNA_F
ClientSampleId :
PB151838TB



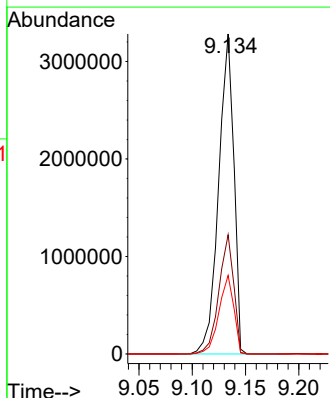
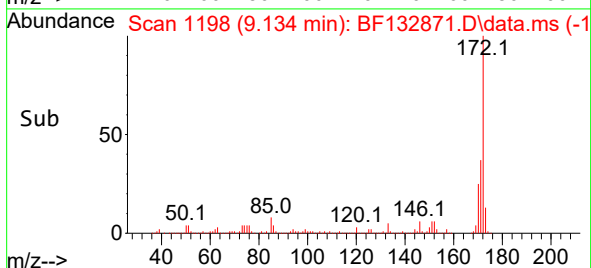
Tgt Ion: 330 Resp: 856337
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.4
141 27.1 25.5 38.3

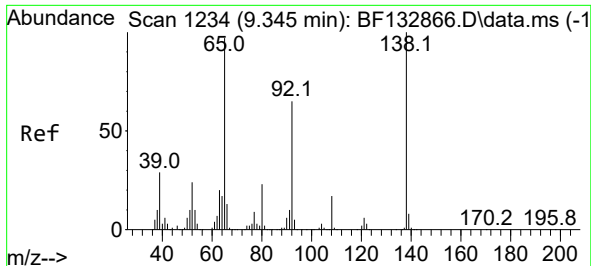


#45
2-Fluorobiphenyl
Concen: 95.736 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41



Tgt Ion: 172 Resp: 3244005
Ion Ratio Lower Upper
172 100
171 37.2 29.2 43.8
170 24.5 19.4 29.0

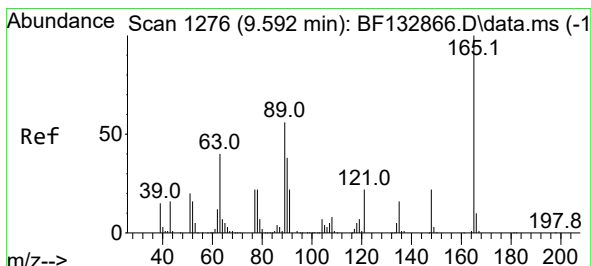
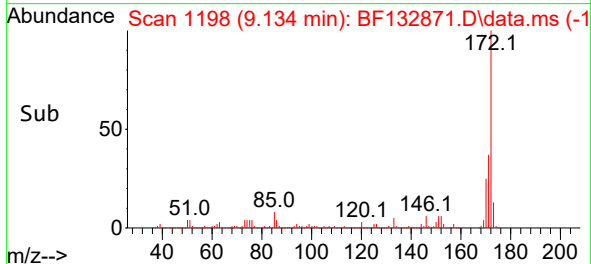
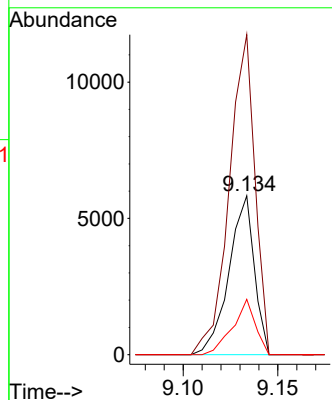
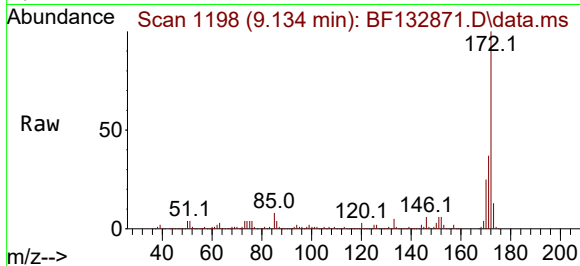




#48
2-Nitroaniline
Concen: 3.701 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.211 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

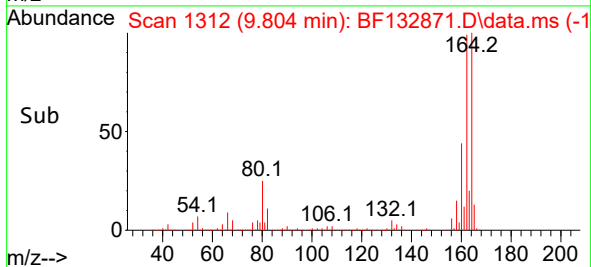
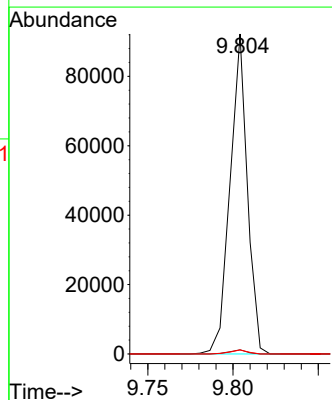
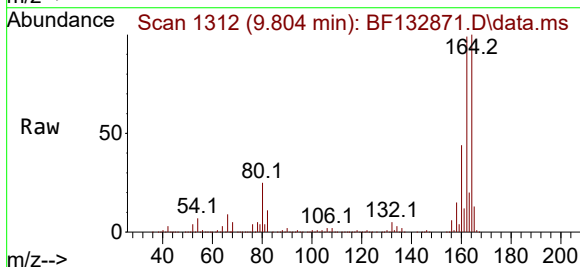
Instrument :
BNA_F
ClientSampleId :
PB151838TB

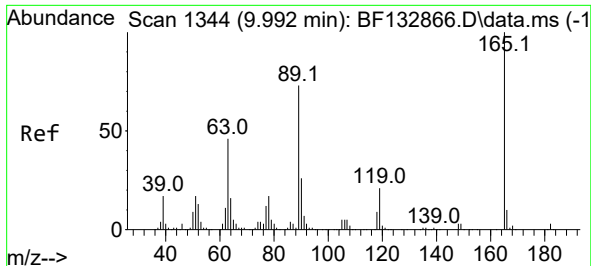
Tgt Ion: 65 Resp: 5428
Ion Ratio Lower Upper
65 100
92 201.3 54.0 81.0#
138 34.8 82.7 124.1#



#51
2,6-Dinitrotoluene
Concen: 8.660 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

Tgt Ion: 165 Resp: 65175
Ion Ratio Lower Upper
165 100
63 1.3 47.1 70.7#
89 1.3 44.6 67.0#

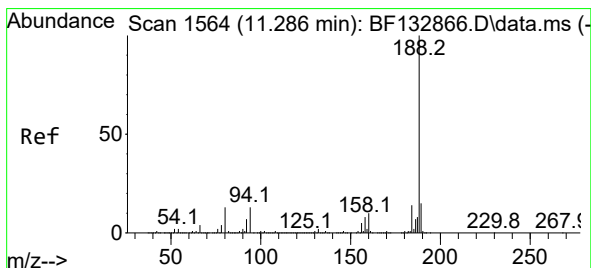
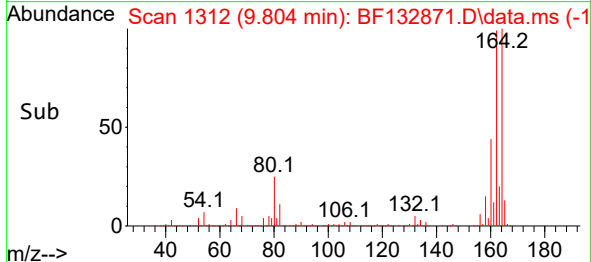
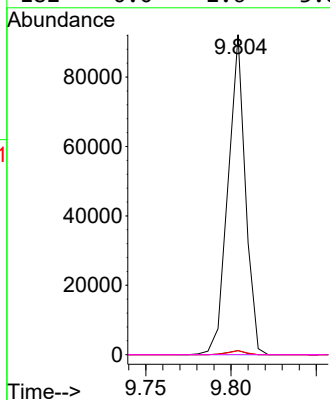
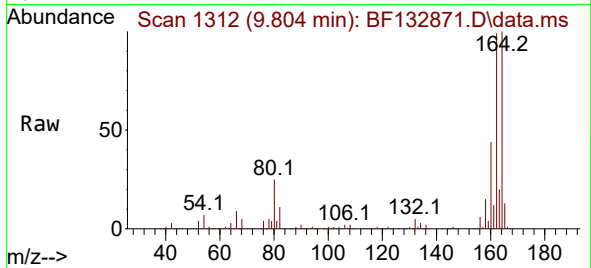




#57
2,4-Dinitrotoluene
Concen: 6.984 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

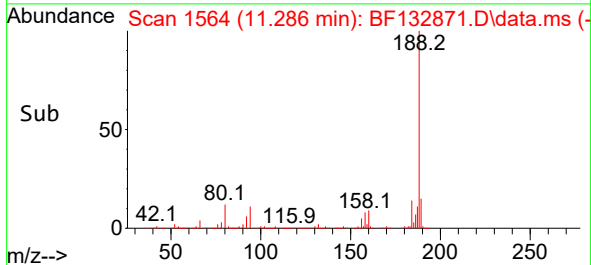
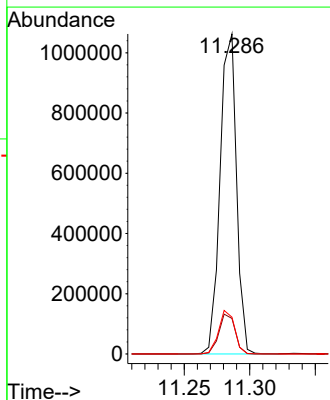
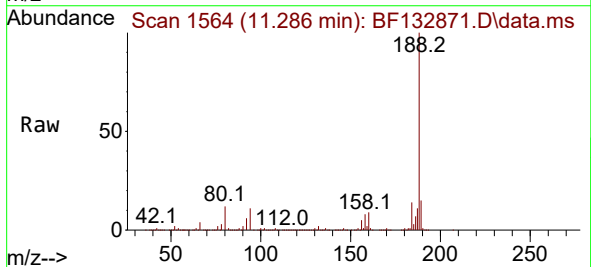
Instrument :
BNA_F
ClientSampleId :
PB151838TB

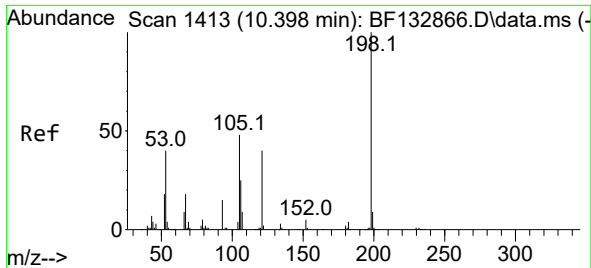
Tgt Ion:165 Resp: 65175
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.3 58.2 87.2#
182 0.0 2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

Tgt Ion:188 Resp: 922632
Ion Ratio Lower Upper
188 100
94 11.1 10.1 15.1
80 11.5 10.7 16.1

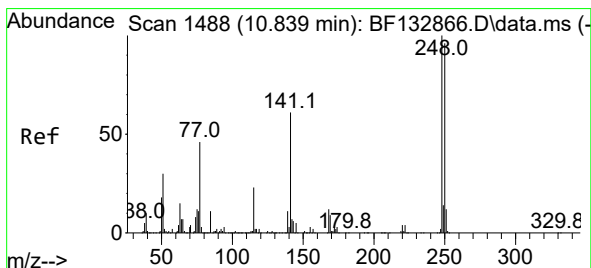
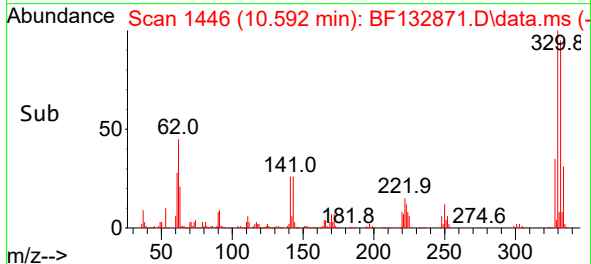
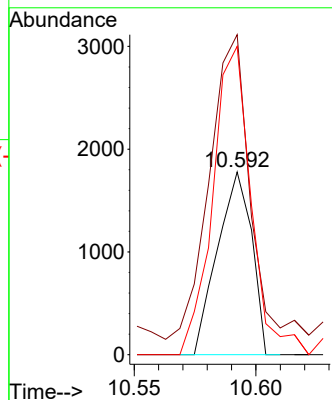
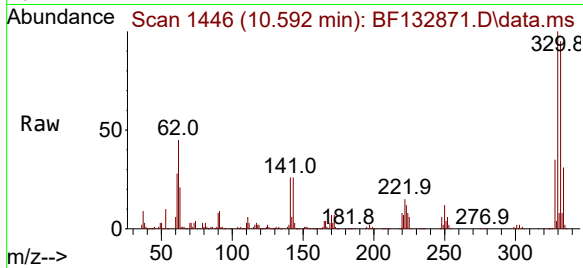




#65
4,6-Dinitro-2-methylphenol
Concen: 6.807 ng
RT: 10.592 min Scan# 1413
Delta R.T. 0.194 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

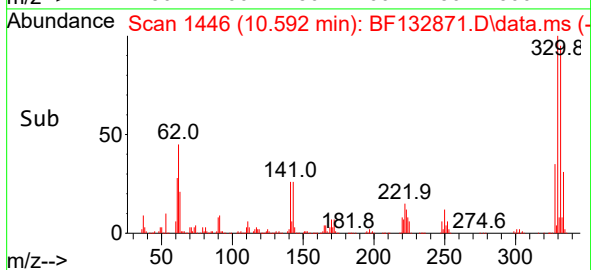
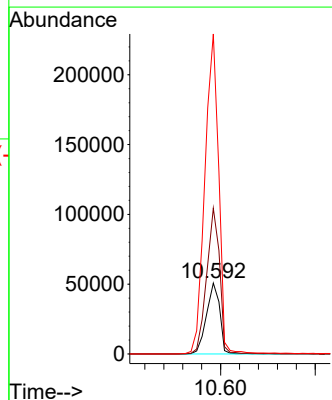
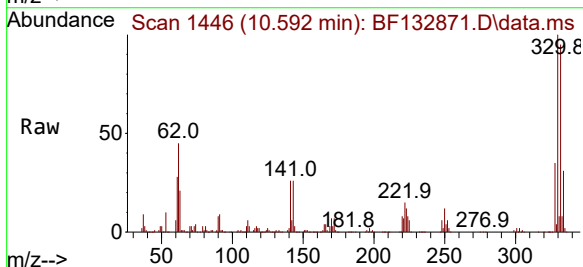
Instrument :
BNA_F
ClientSampleId :
PB151838TB

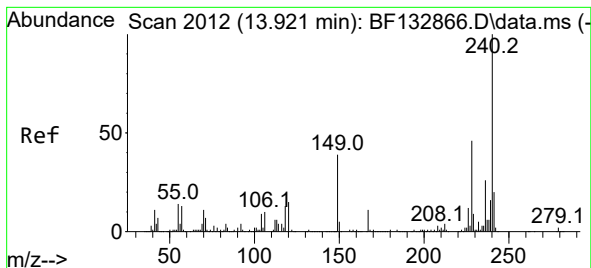
Tgt Ion:198 Resp: 1733
Ion Ratio Lower Upper
198 100
51 175.1 35.6 75.6#
105 168.8 28.1 68.1#



#67
4-Bromophenyl-phenylether
Concen: 4.999 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

Tgt Ion:248 Resp: 49360
Ion Ratio Lower Upper
248 100
250 205.7 77.0 115.6#
141 451.5 48.9 73.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.916 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF132871.D

Acq: 12 Apr 2023 21:41

Instrument :

BNA_F

ClientSampleId :

PB151838TB

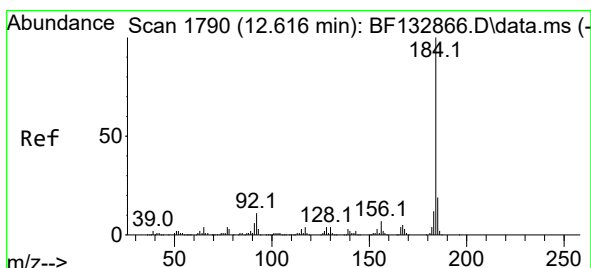
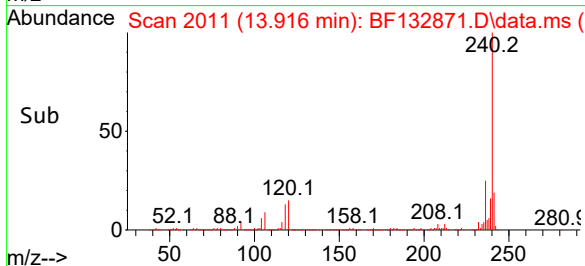
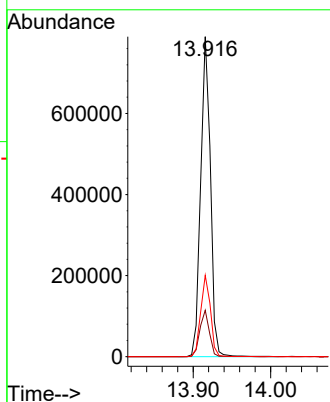
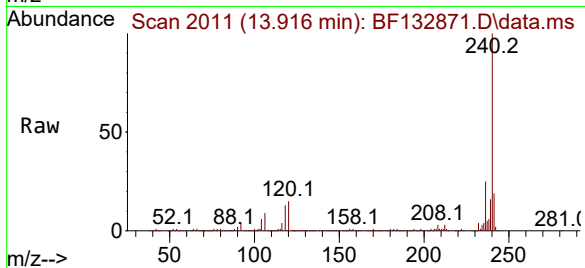
Tgt Ion:240 Resp: 688633

Ion Ratio Lower Upper

240 100

120 14.5 11.8 17.8

236 25.4 20.9 31.3



#77

Benzidine

Concen: 12.423 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.264 min

Lab File: BF132871.D

Acq: 12 Apr 2023 21:41

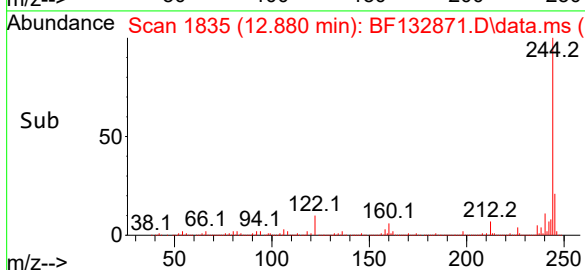
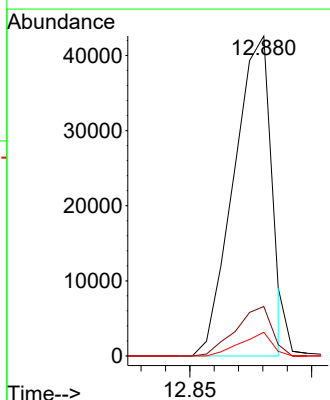
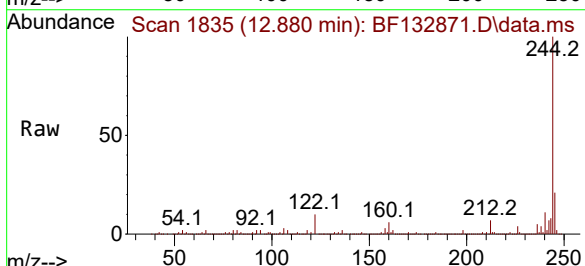
Tgt Ion:184 Resp: 45934

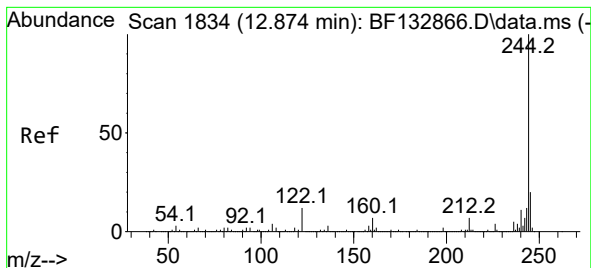
Ion Ratio Lower Upper

184 100

185 15.4 15.6 23.4#

183 7.4 9.5 14.3#





#79

Terphenyl-d14

Concen: 100.600 ng

RT: 12.880 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132871.D

Acq: 12 Apr 2023 21:41

Instrument :

BNA_F

ClientSampleId :

PB151838TB

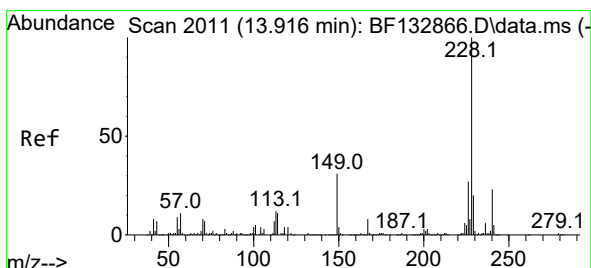
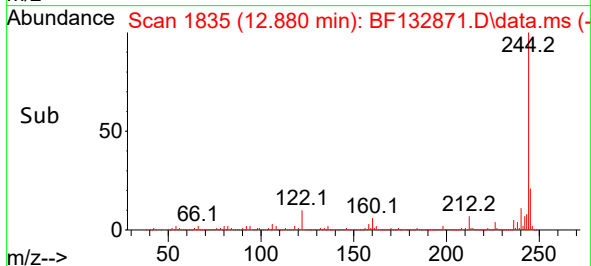
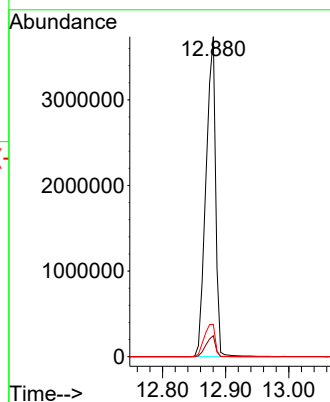
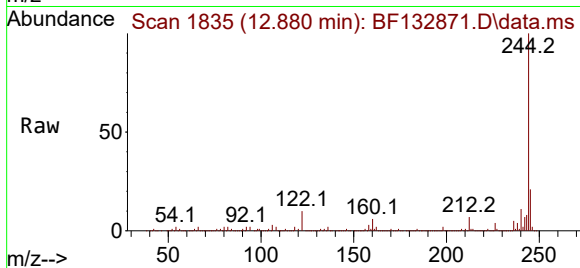
Tgt Ion:244 Resp: 3971689

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 10.1 9.5 14.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.036 ng

RT: 13.922 min Scan# 2012

Delta R.T. 0.005 min

Lab File: BF132871.D

Acq: 12 Apr 2023 21:41

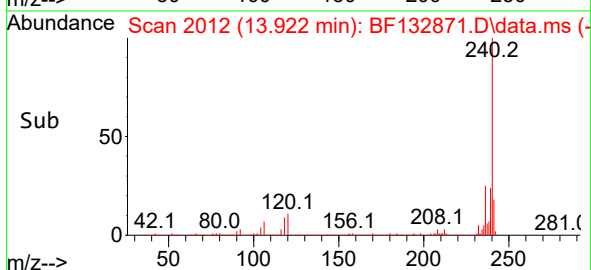
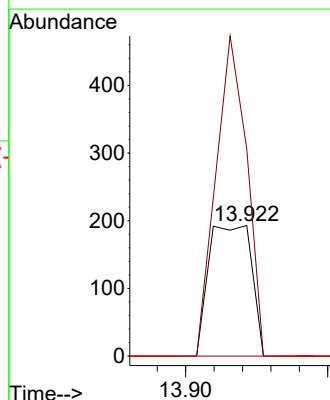
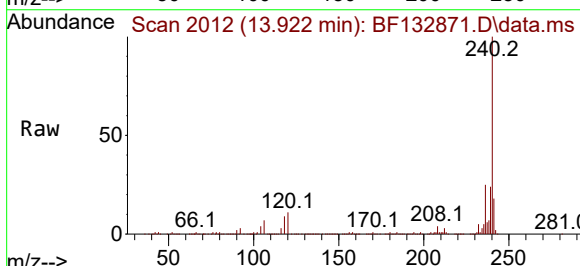
Tgt Ion:149 Resp: 201

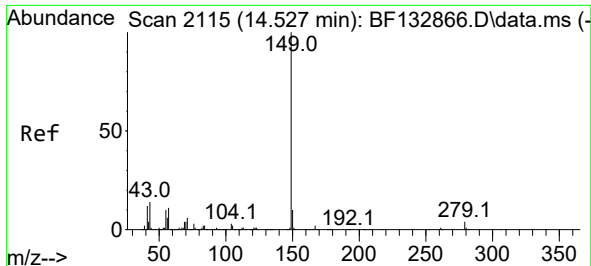
Ion Ratio Lower Upper

149 100

167 158.5 21.6 32.4#

279 0.0 3.5 5.3#

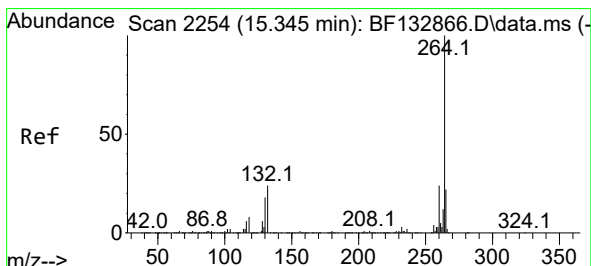
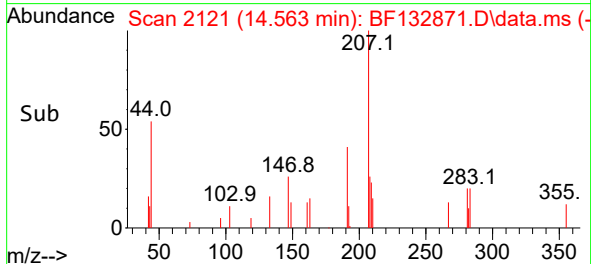
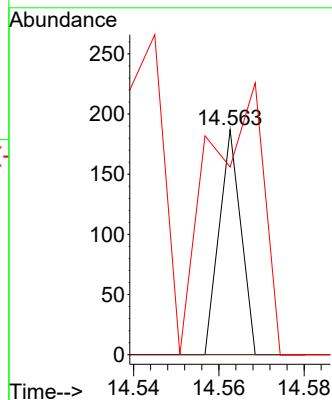
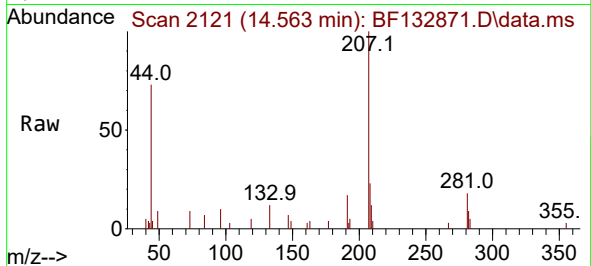




#85
Di-n-octyl phthalate
Concen: 7.225 ng
RT: 14.563 min Scan# 2115
Delta R.T. 0.036 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

Instrument :
BNA_F
ClientSampleId :
PB151838TB

Tgt Ion:149 Resp: 66
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 301.5 13.5 20.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BF132871.D
Acq: 12 Apr 2023 21:41

Tgt Ion:264 Resp: 568261
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 21.6 17.6 26.4

