

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041723\
 Data File : BF132893.D
 Acq On : 17 Apr 2023 17:06
 Operator : CG\JU
 Sample : PB151111TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152124BL

Quant Time: Apr 18 05:15:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

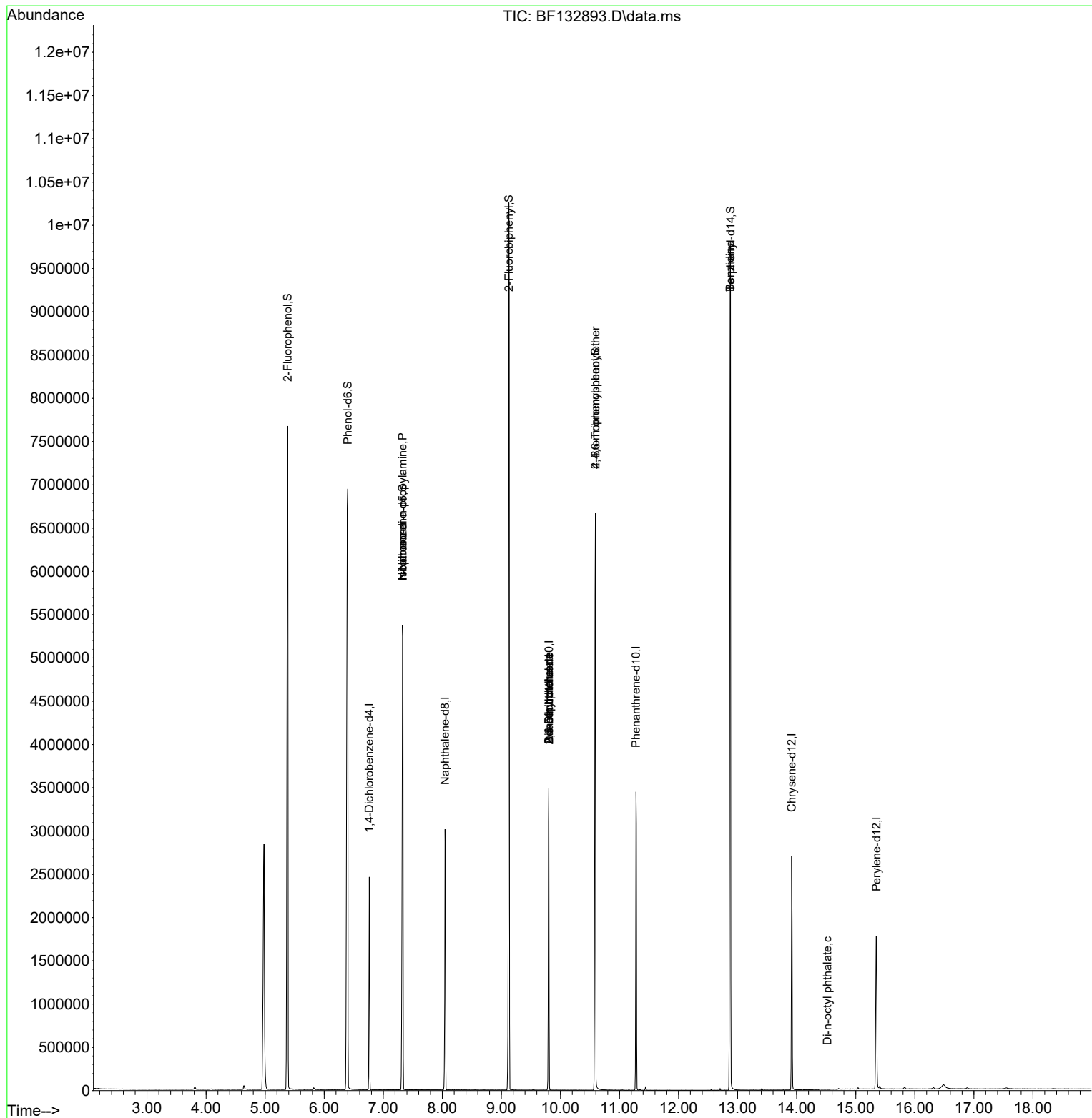
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	306083	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1255852	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	671553	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1238127	20.000	ng	0.00
76) Chrysene-d12	13.916	240	836213	20.000	ng	-0.01
86) Perylene-d12	15.351	264	761647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2542664	129.896	ng	0.02
7) Phenol-d6	6.398	99	3246047	129.956	ng	0.00
23) Nitrobenzene-d5	7.328	82	2043010	84.796	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	900350	133.668	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	3427953	78.417	ng	0.00
79) Terphenyl-d14	12.880	244	4145797	84.584	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	272782	17.496	ng	# 80
25) Isophorone	7.328	82	2041051	44.662	ng	# 65
50) Dimethylphthalate	9.804	163	140333	3.023	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	87102	8.557	ng	# 28
57) 2,4-Dinitrotoluene	9.804	165	87102	6.933	ng	# 23
67) 4-Bromophenyl-phenylether	10.592	248	53336	3.772	ng	# 1
77) Benzidine	12.874	184	48595	3.731	ng	# 89
85) Di-n-octyl phthalate	14.521	149	172	6.386	ng	# 54

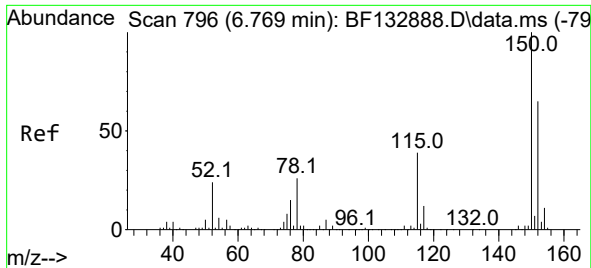
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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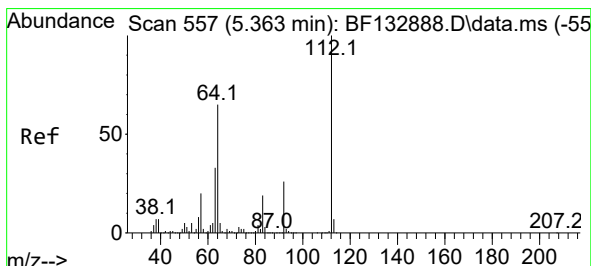
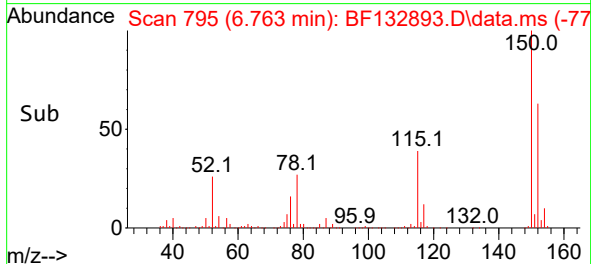
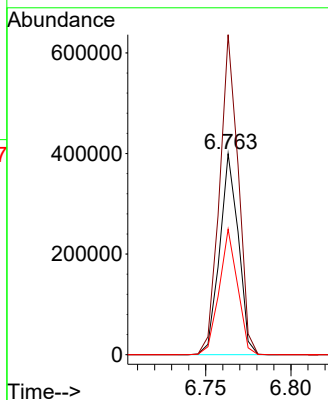
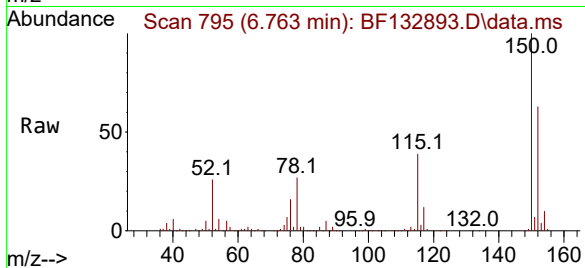




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

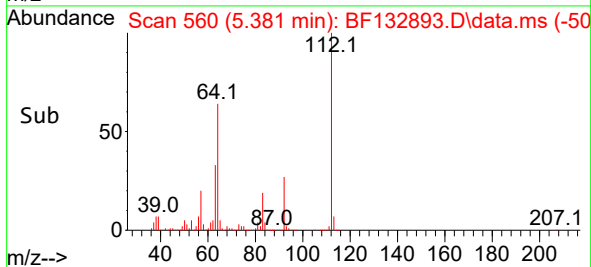
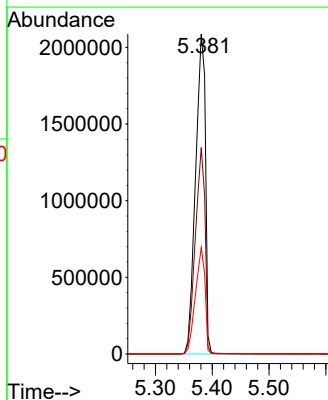
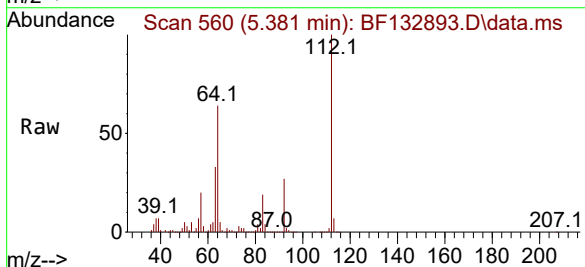
Instrument :
BNA_F
ClientSampleId :
PB152124BL

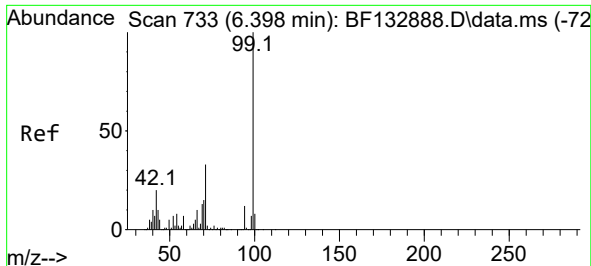
Tgt Ion:152 Resp: 306083
Ion Ratio Lower Upper
152 100
150 159.2 122.8 184.2
115 62.4 47.3 70.9



#5
2-Fluorophenol
Concen: 129.896 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

Tgt Ion:112 Resp: 2542664
Ion Ratio Lower Upper
112 100
64 64.5 51.8 77.8
63 33.2 26.3 39.5

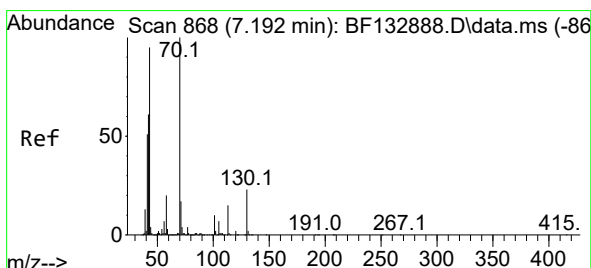
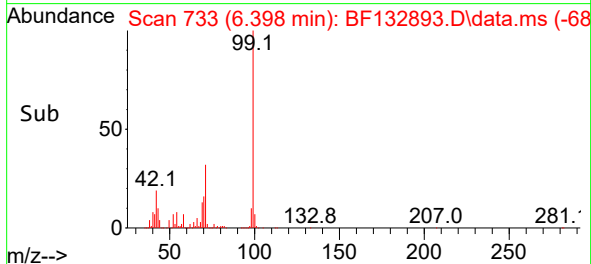
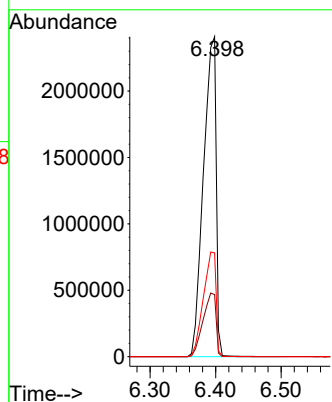
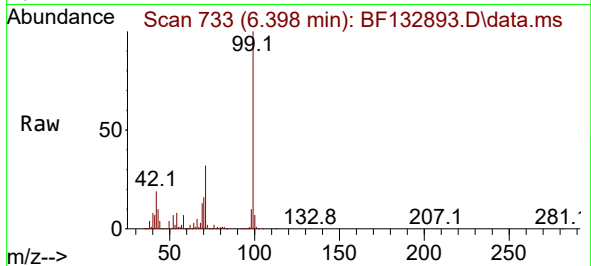




#7
Phenol-d6
Concen: 129.956 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

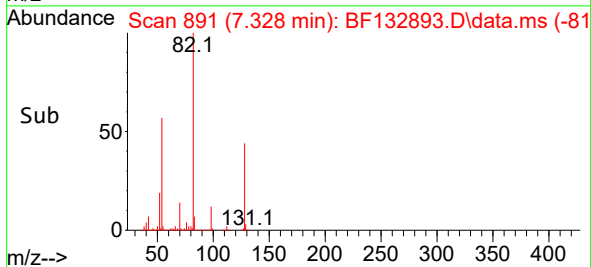
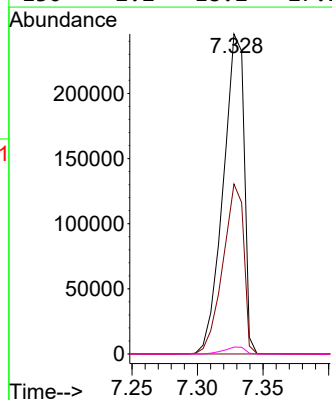
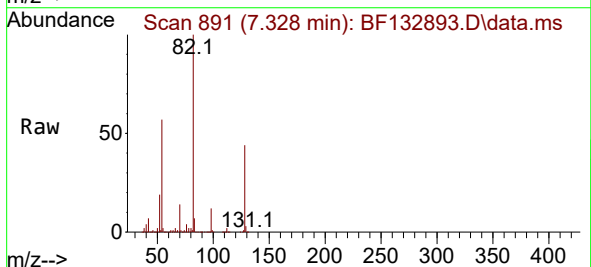
Instrument :
BNA_F
ClientSampleId :
PB152124BL

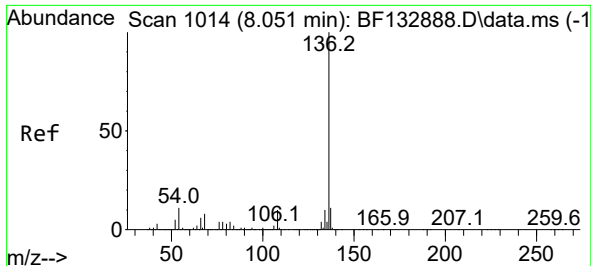
Tgt Ion: 99 Resp: 3246047
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 32.5 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.496 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.135 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

Tgt Ion: 70 Resp: 272782
Ion Ratio Lower Upper
70 100
42 53.1 49.0 73.6
101 0.0 8.1 12.1#
130 2.2 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.045 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132893.D

Acq: 17 Apr 2023 17:06

Instrument :

BNA_F

ClientSampleId :

PB152124BL

Tgt Ion:136 Resp: 1255852

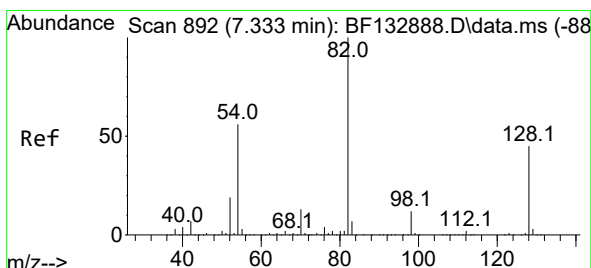
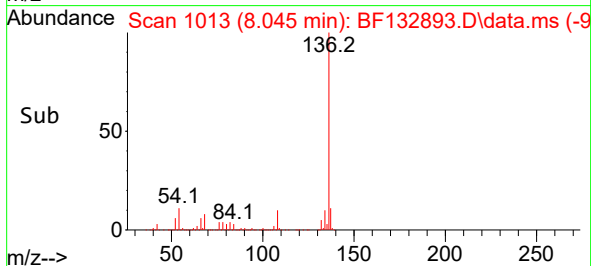
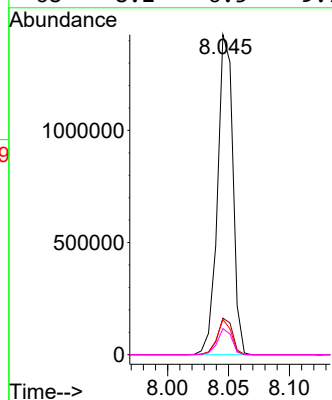
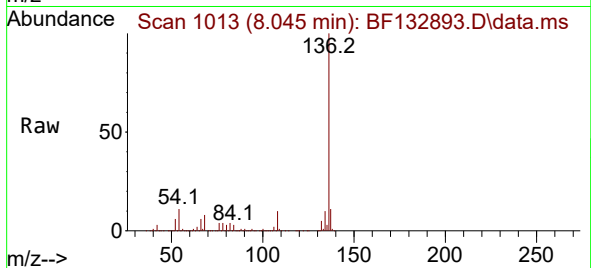
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 11.0 8.9 13.3

68 8.2 6.5 9.7



#23

Nitrobenzene-d5

Concen: 84.796 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF132893.D

Acq: 17 Apr 2023 17:06

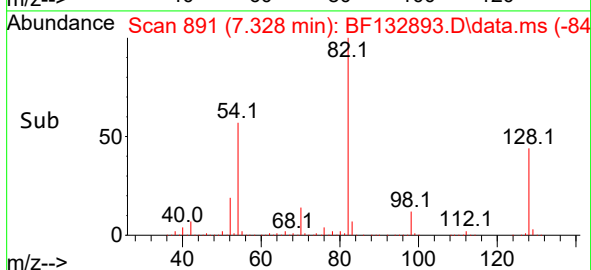
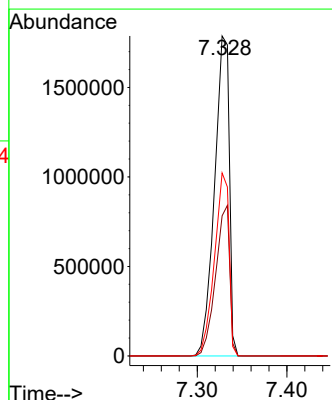
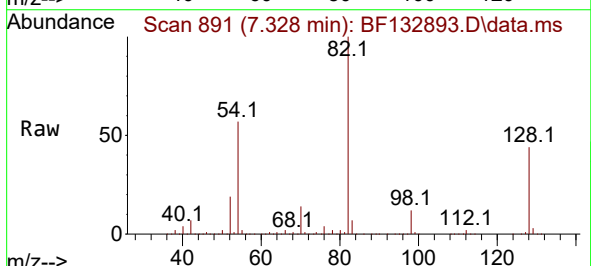
Tgt Ion: 82 Resp: 2043010

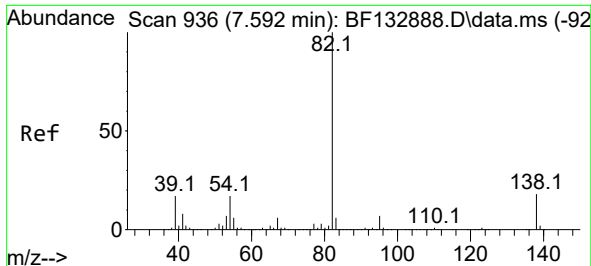
Ion Ratio Lower Upper

82 100

128 43.8 35.7 53.5

54 57.2 44.7 67.1

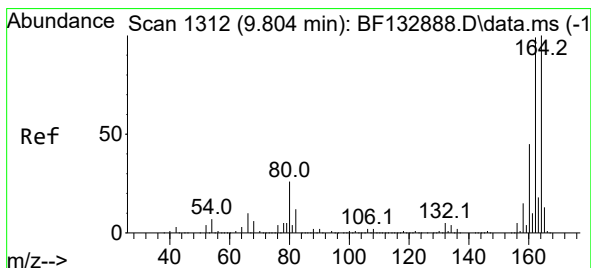
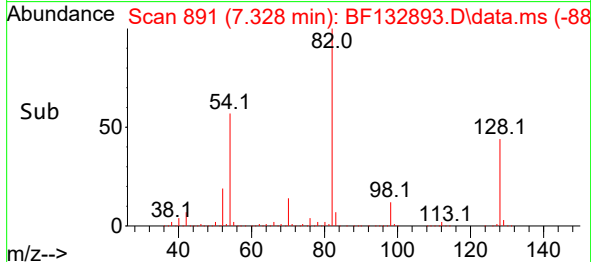
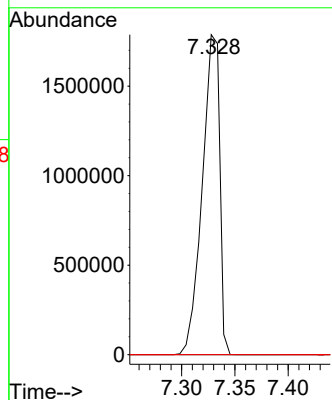
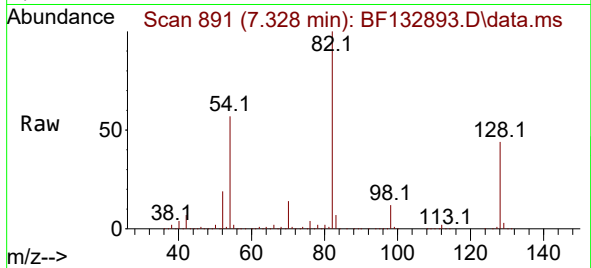




#25
Isophorone
Concen: 44.662 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

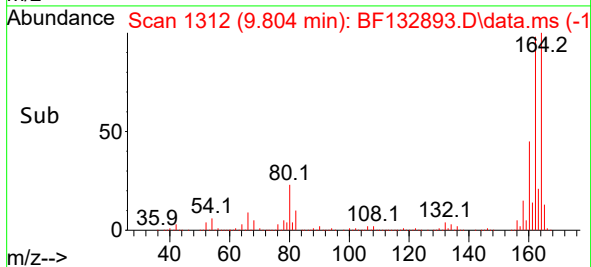
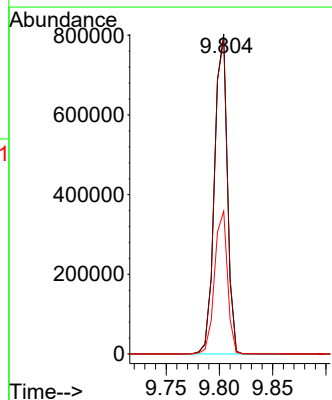
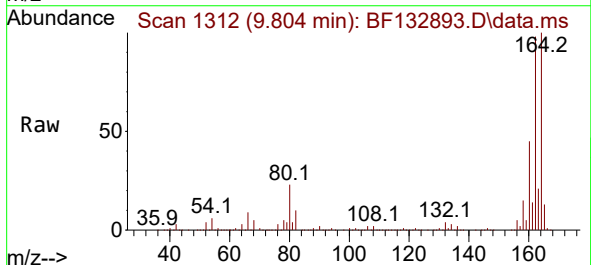
Instrument :
BNA_F
ClientSampleId :
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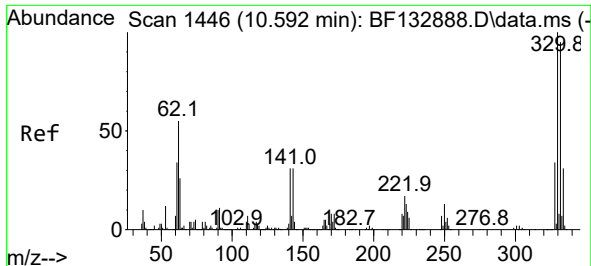
Tgt Ion: 82 Resp: 2041051
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

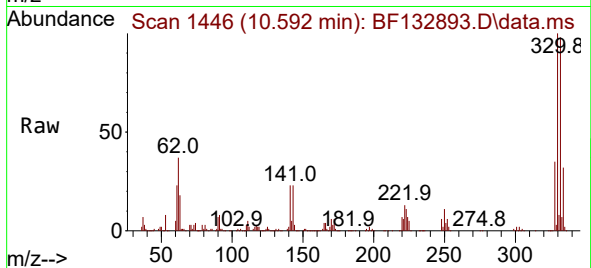
Tgt Ion:164 Resp: 671553
Ion Ratio Lower Upper
164 100
162 98.3 79.1 118.7
160 44.6 35.6 53.4



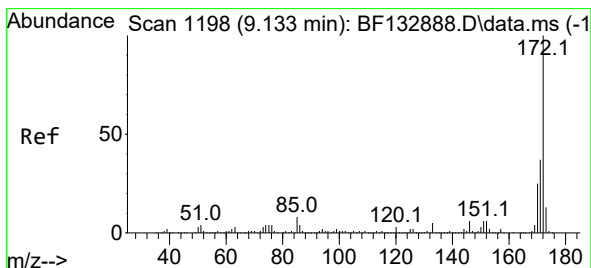
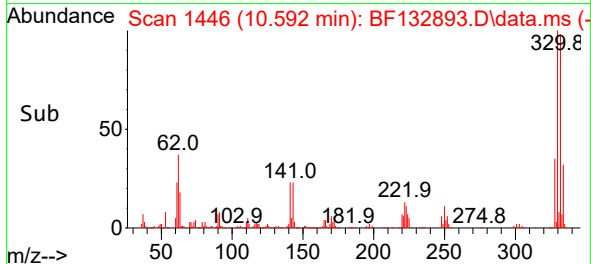
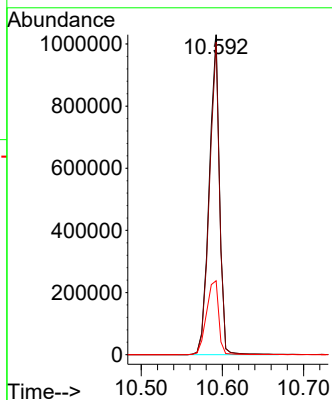


#42
2,4,6-Tribromophenol
Concen: 133.668 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

Instrument :
BNA_F
ClientSampleId :
PB152124BL

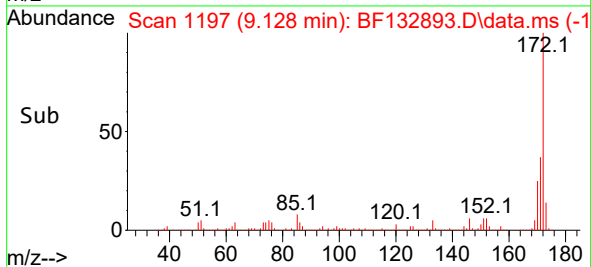
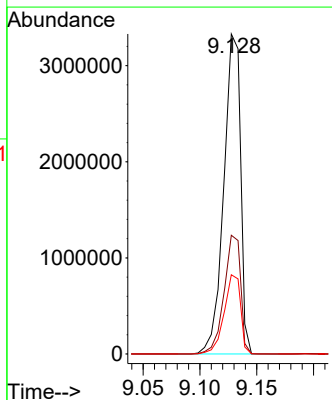
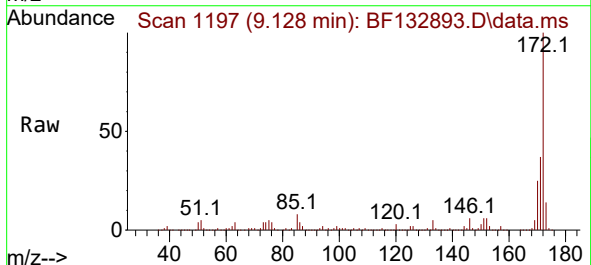


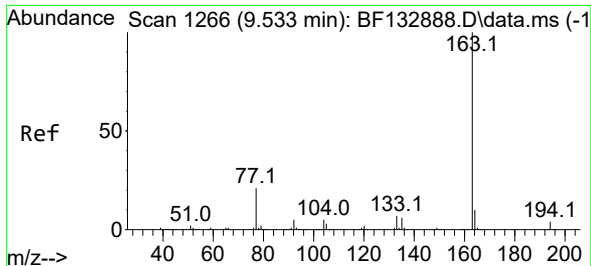
Tgt Ion:330 Resp: 900350
Ion Ratio Lower Upper
330 100
332 96.6 76.3 114.5
141 27.6 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 78.417 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

Tgt Ion:172 Resp: 3427953
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 24.7 20.1 30.1

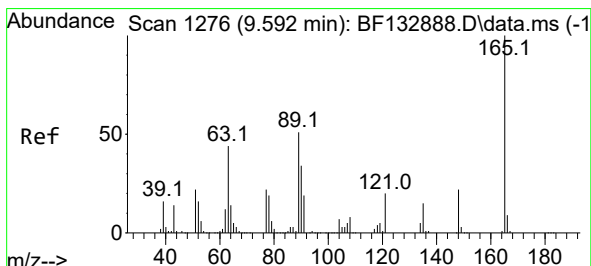
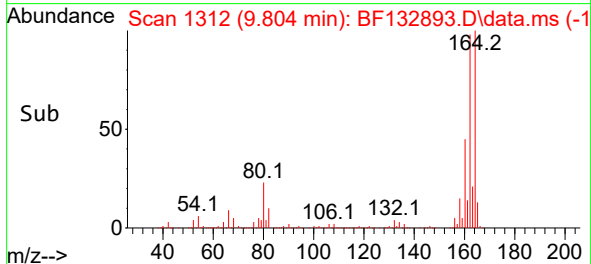
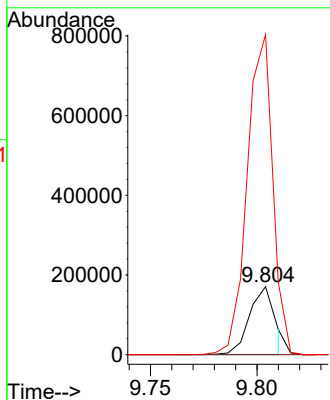
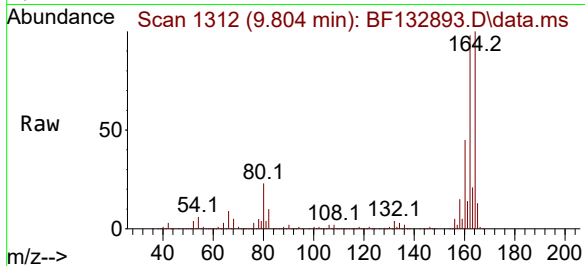




#50
Dimethylphthalate
Concen: 3.023 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.271 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

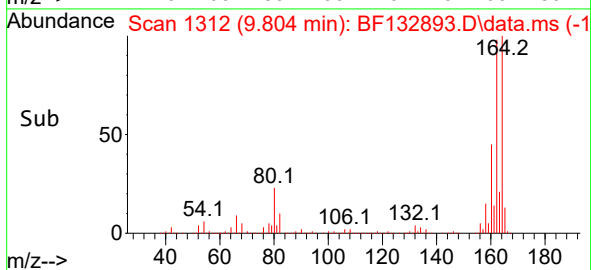
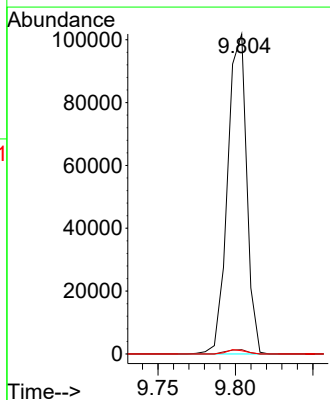
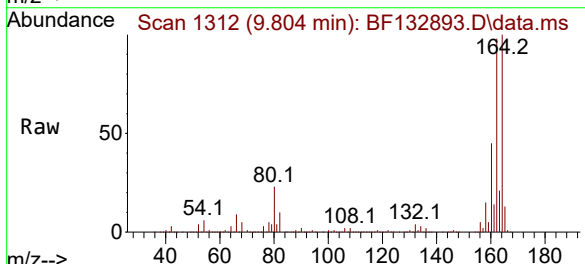
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ClientSampleId :
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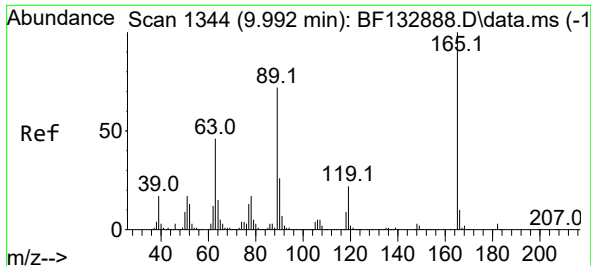
Tgt Ion:163 Resp: 140333
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 470.8 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.557 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

Tgt Ion:165 Resp: 87102
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.0 41.0 61.4#





#57

2,4-Dinitrotoluene

Concen: 6.933 ng

RT: 9.804 min Scan# 1

Delta R.T. -0.188 min

Lab File: BF132893.D

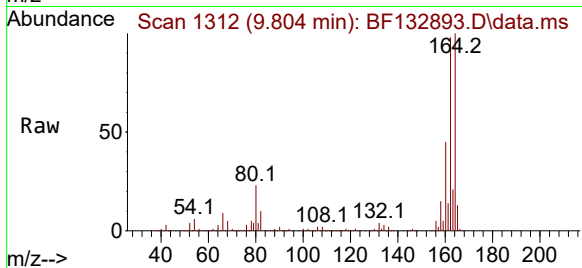
Acq: 17 Apr 2023 17:06

Instrument :

BNA_F

ClientSampleId :

PB152124BL



Tgt Ion:165 Resp: 87102

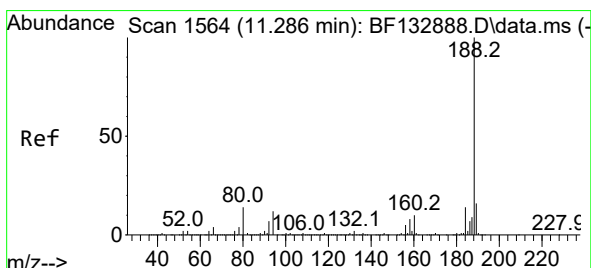
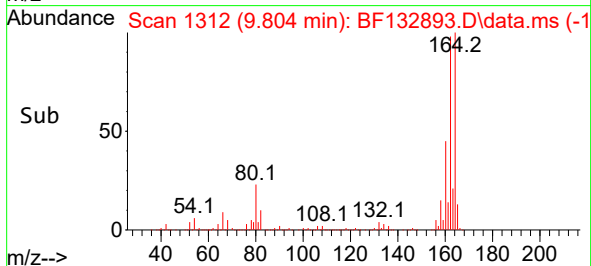
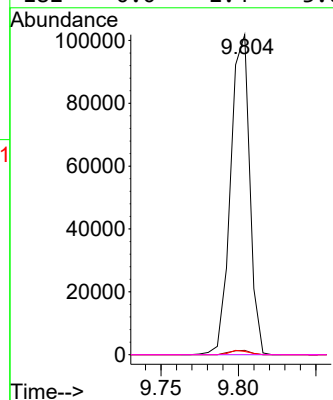
Ion Ratio Lower Upper

165 100

63 1.4 37.0 55.6#

89 1.0 57.8 86.6#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1563

Delta R.T. -0.006 min

Lab File: BF132893.D

Acq: 17 Apr 2023 17:06

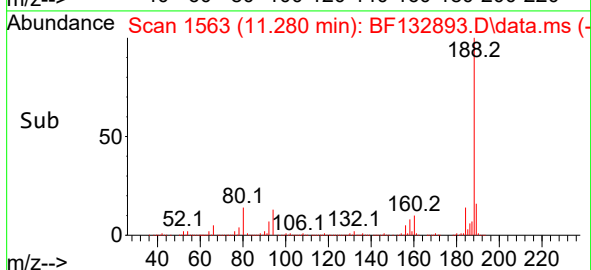
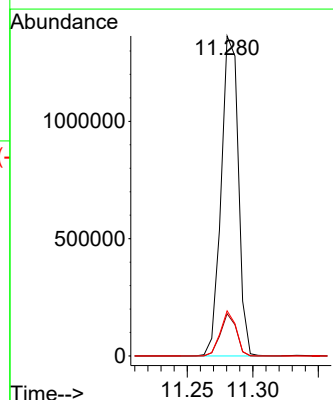
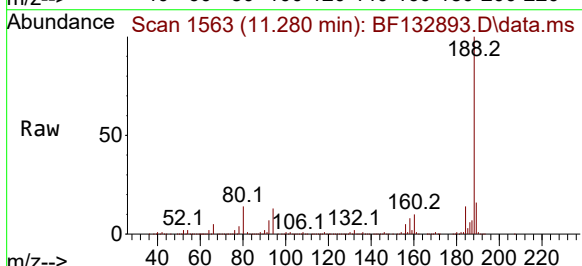
Tgt Ion:188 Resp: 1238127

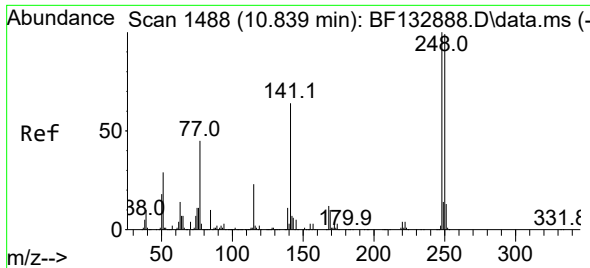
Ion Ratio Lower Upper

188 100

94 13.2 9.9 14.9

80 14.1 10.8 16.2

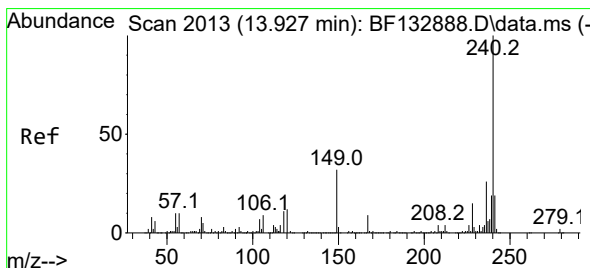
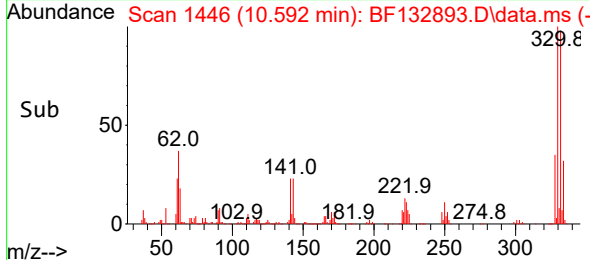
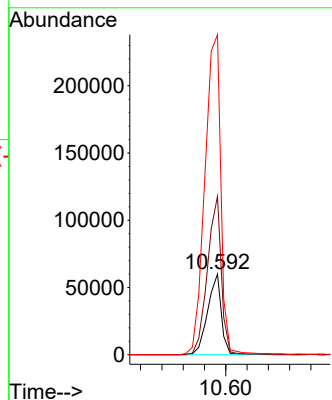
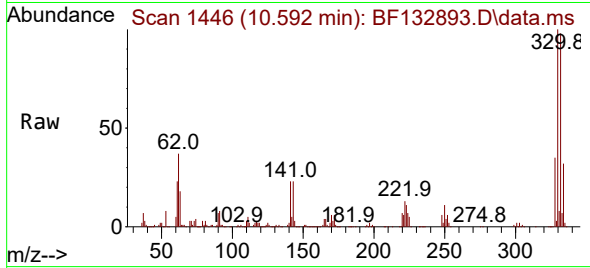




#67
4-Bromophenyl-phenylether
Concen: 3.772 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

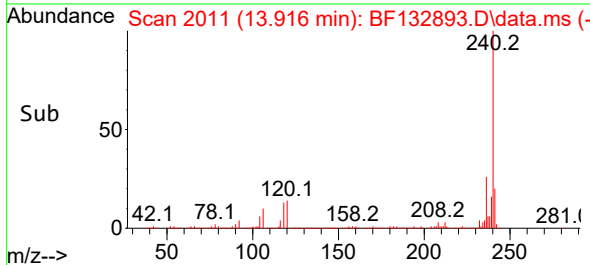
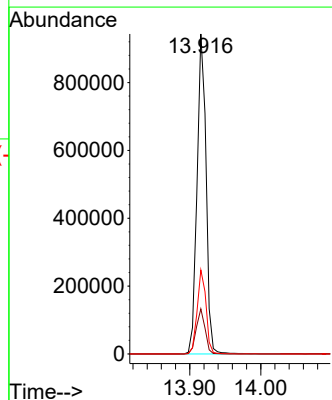
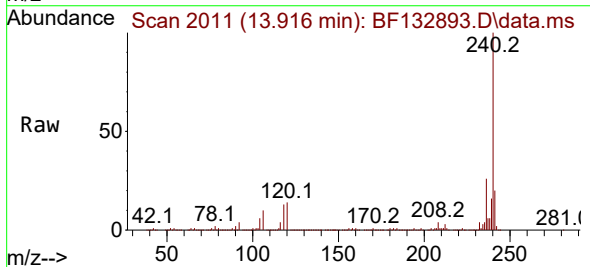
Instrument :
BNA_F
ClientSampleId :
PB152124BL

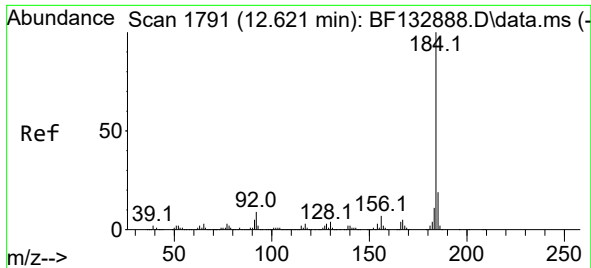
Tgt Ion:248 Resp: 53336
Ion Ratio Lower Upper
248 100
250 196.5 79.1 118.7#
141 396.9 51.0 76.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

Tgt Ion:240 Resp: 836213
Ion Ratio Lower Upper
240 100
120 14.1 10.0 15.0
236 26.3 20.8 31.2

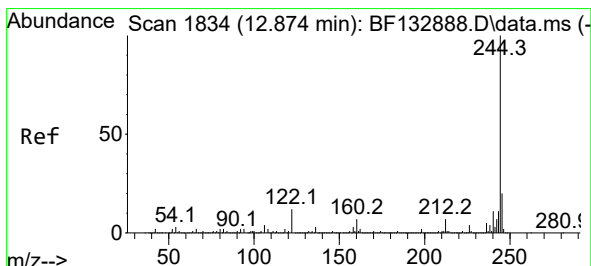
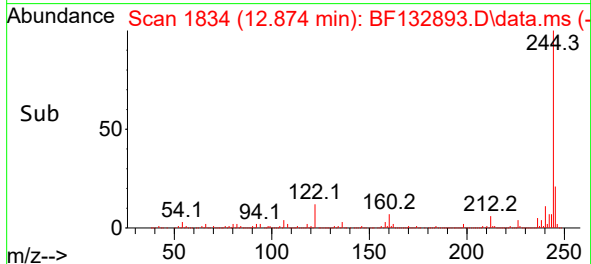
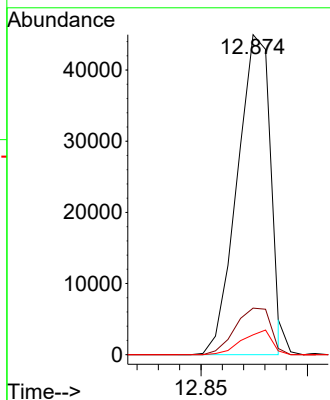
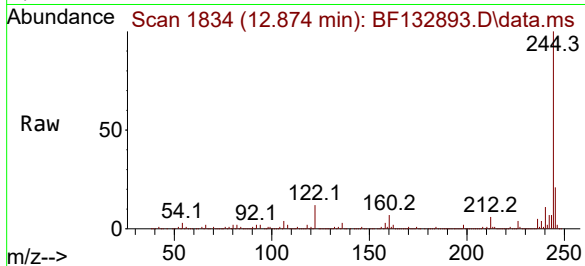




#77
Benzidine
Concen: 3.731 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.253 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

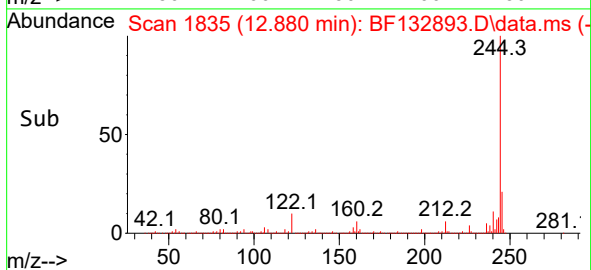
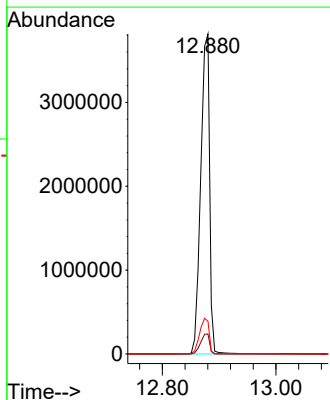
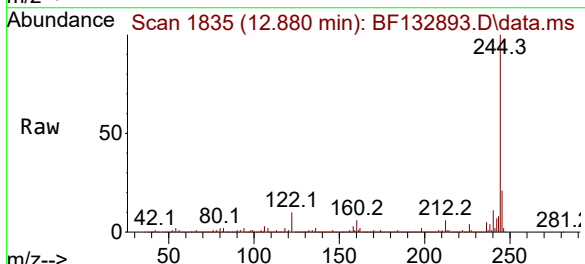
Instrument :
BNA_F
ClientSampleId :
PB152124BL

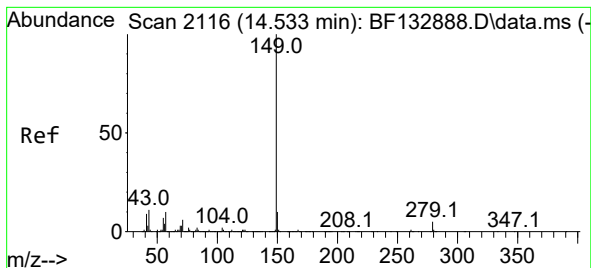
Tgt Ion:184 Resp: 48595
Ion Ratio Lower Upper
184 100
185 14.6 14.9 22.3#
183 6.2 9.0 13.6#



#79
Terphenyl-d14
Concen: 84.584 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BF132893.D
Acq: 17 Apr 2023 17:06

Tgt Ion:244 Resp: 4145797
Ion Ratio Lower Upper
244 100
212 6.2 5.4 8.0
122 10.2 9.6 14.4





#85

Di-n-octyl phthalate

Concen: 6.386 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.012 min

Lab File: BF132893.D

Acq: 17 Apr 2023 17:06

Instrument :

BNA_F

ClientSampleId :

PB152124BL

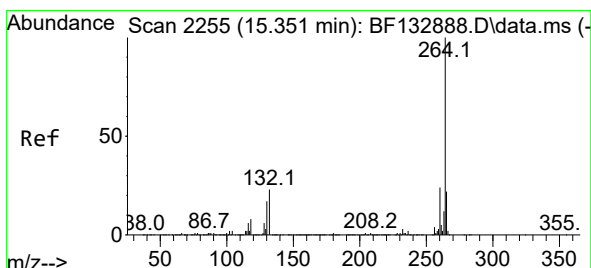
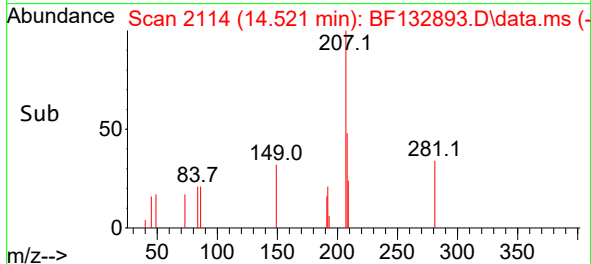
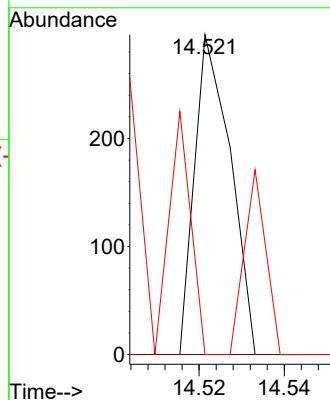
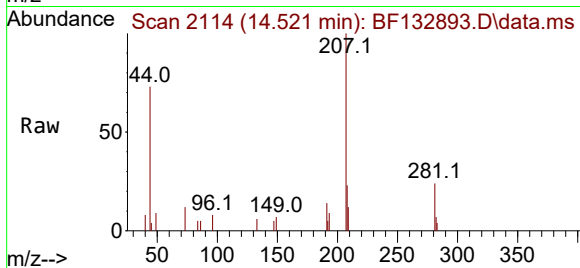
Tgt Ion:149 Resp: 172

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 34.9 11.5 17.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BF132893.D

Acq: 17 Apr 2023 17:06

Tgt Ion:264 Resp: 761647

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.4 17.7 26.5

