

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132901.D
 Acq On : 18 Apr 2023 15:23
 Operator : CG\JU
 Sample : 02362-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-STONE-2-0414

Quant Time: Apr 18 15:48:13 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)

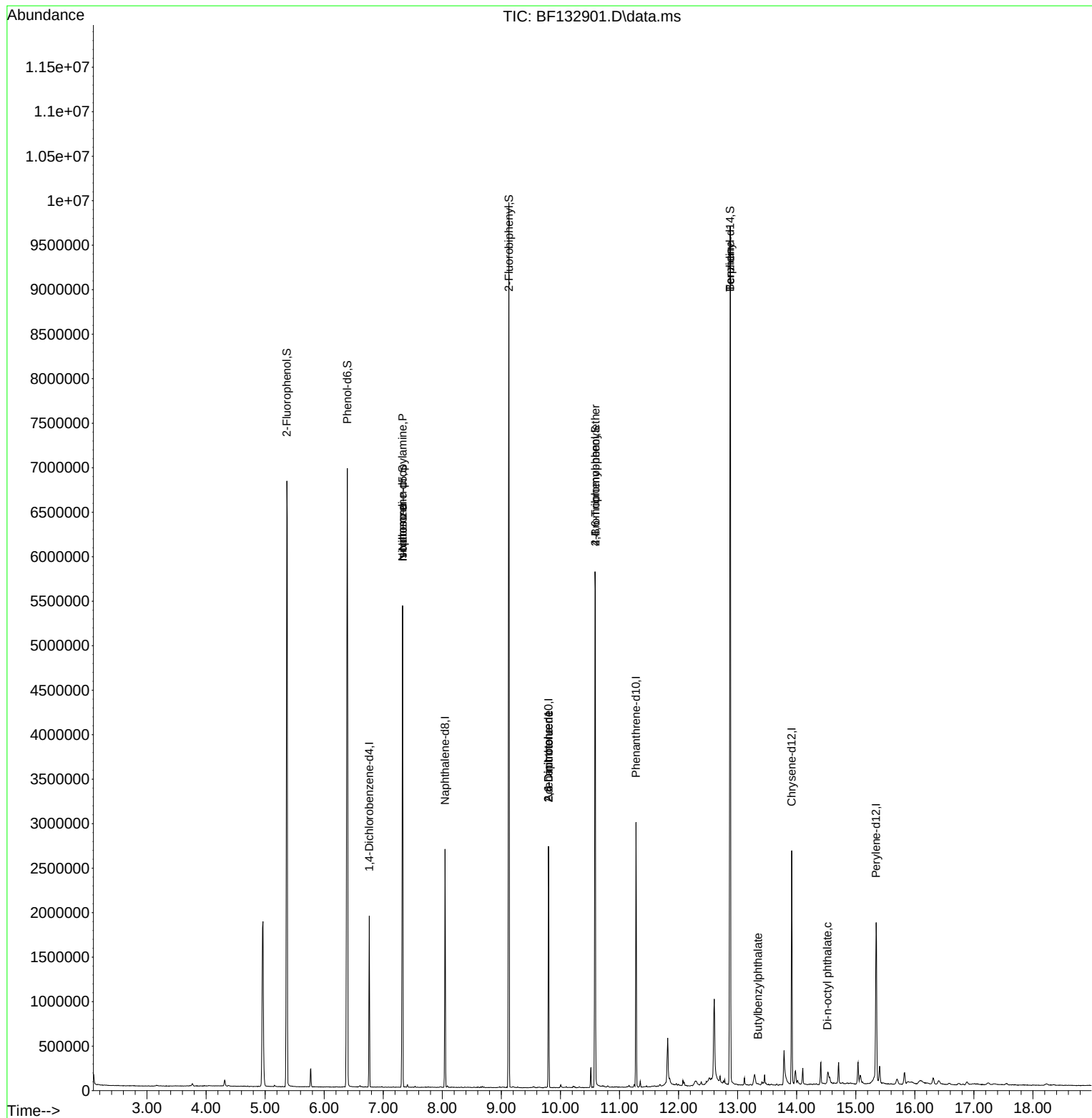
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	241051	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	961550	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	504338	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	954789	20.000	ng	0.00
76) Chrysene-d12	13.916	240	795972	20.000	ng	-0.01
86) Perylene-d12	15.345	264	749004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2189644	142.040	ng	0.00
7) Phenol-d6	6.393	99	2796721	142.174	ng	0.00
23) Nitrobenzene-d5	7.328	82	1698439	92.071	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	821846	162.467	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	2882698	87.807	ng	0.00
79) Terphenyl-d14	12.874	244	3957848	84.832	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	222360	18.110	ng	# 81
25) Isophorone	7.328	82	1697306	48.507	ng	# 65
51) 2,6-Dinitrotoluene	9.798	165	65805	8.608	ng	# 28
57) 2,4-Dinitrotoluene	9.798	165	65805	6.974	ng	# 24
67) 4-Bromophenyl-phenylether	10.592	248	48765	4.473	ng	# 1
77) Benzidine	12.874	184	45391	3.661	ng	# 91
80) Butylbenzylphthalate	13.345	149	1605	5.225	ng	# 67
85) Di-n-octyl phthalate	14.521	149	4486	6.470	ng	# 1

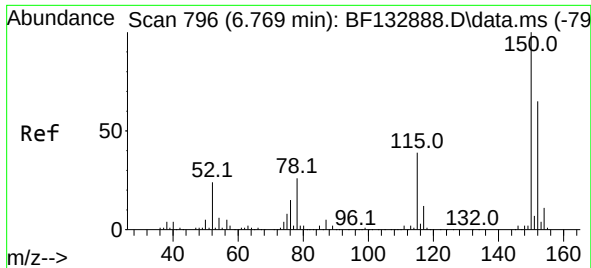
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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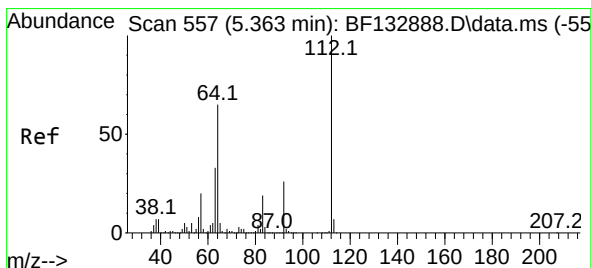
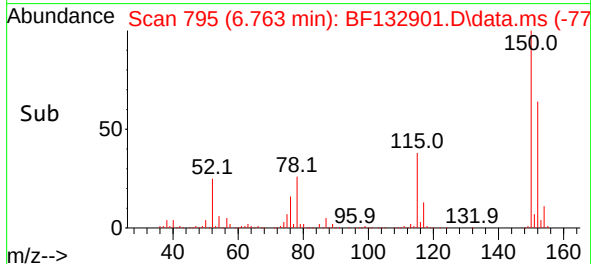
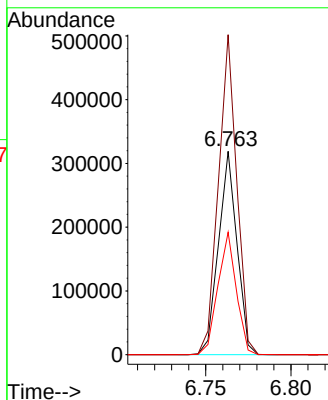
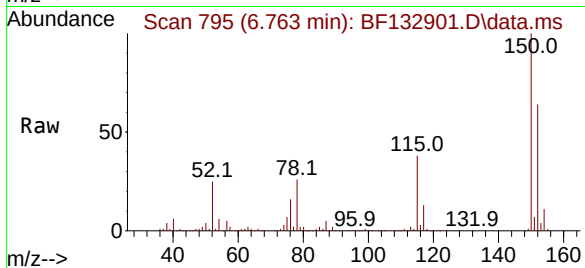




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132901.D
Acq: 18 Apr 2023 15:23

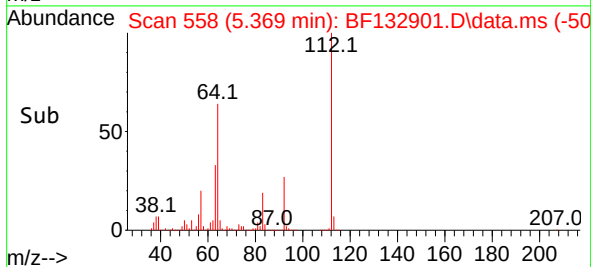
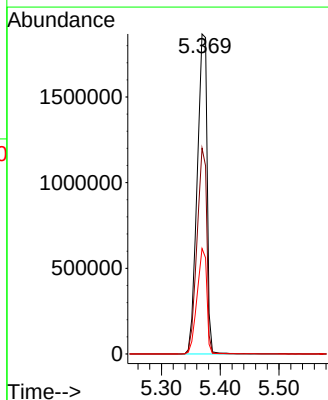
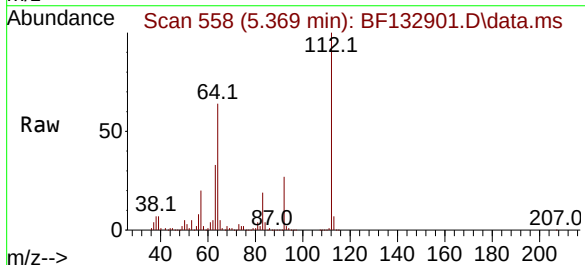
Instrument :
BNA_F
ClientSampleId :
HW-STONE-2-0414

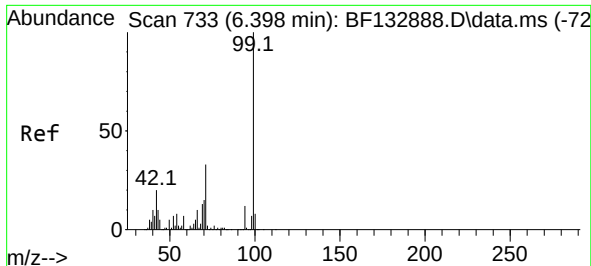
Tgt Ion:152 Resp: 241051
Ion Ratio Lower Upper
152 100
150 157.3 122.8 184.2
115 60.2 47.3 70.9



#5
2-Fluorophenol
Concen: 142.040 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF132901.D
Acq: 18 Apr 2023 15:23

Tgt Ion:112 Resp: 2189644
Ion Ratio Lower Upper
112 100
64 64.3 51.8 77.8
63 33.0 26.3 39.5

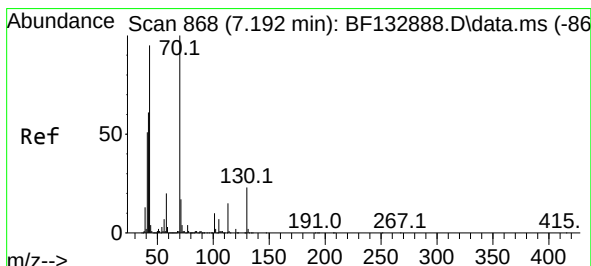
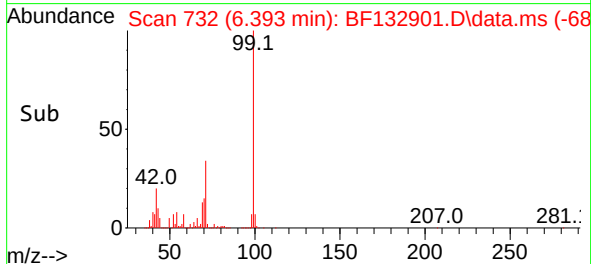
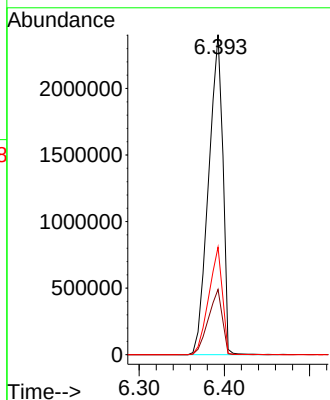
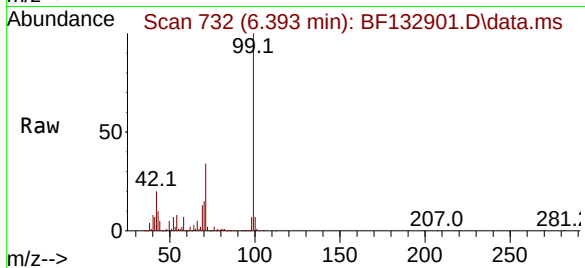




#7
Phenol-d6
Concen: 142.174 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132901.D
Acq: 18 Apr 2023 15:23

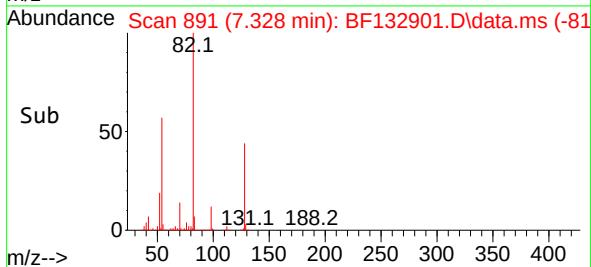
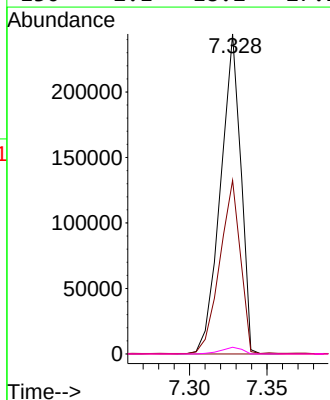
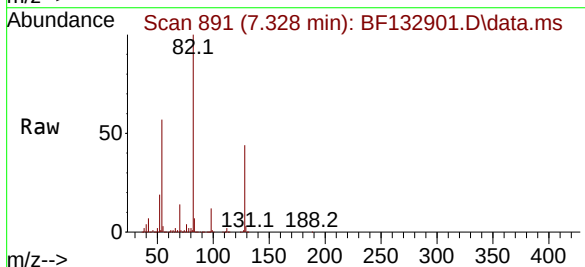
Instrument :
BNA_F
ClientSampleId :
HW-STONE-2-0414

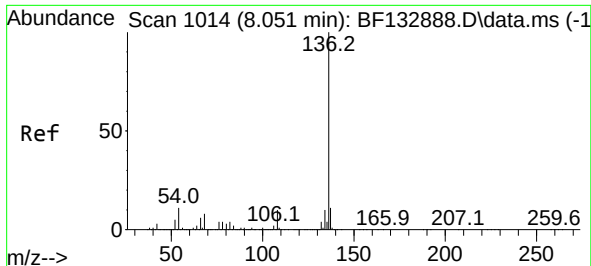
Tgt Ion: 99 Resp: 2796721
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 33.6 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.110 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.135 min
Lab File: BF132901.D
Acq: 18 Apr 2023 15:23

Tgt Ion: 70 Resp: 222360
Ion Ratio Lower Upper
70 100
42 54.2 49.0 73.6
101 0.0 8.1 12.1#
130 2.1 18.2 27.2#



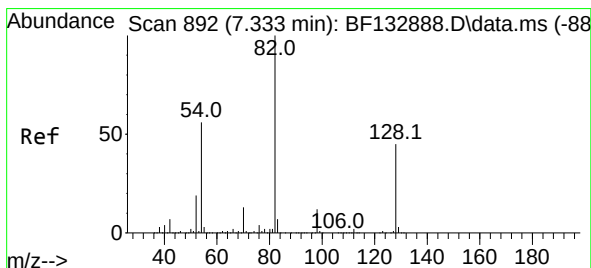
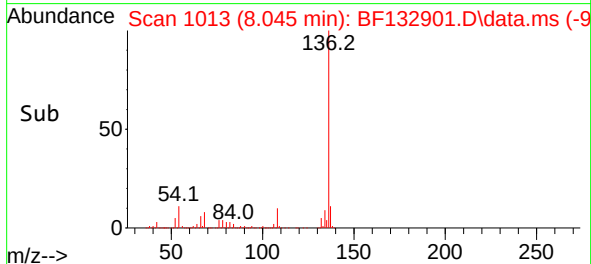
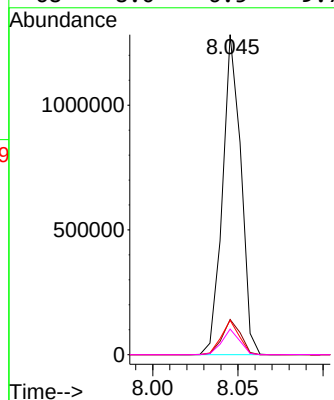
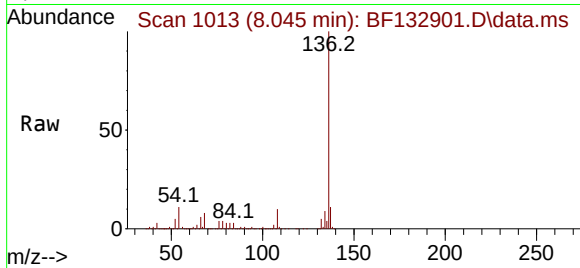


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132901.D
Acq: 18 Apr 2023 15:23

Instrument :
BNA_F
ClientSampleId :
HW-STONE-2-0414

Tgt Ion:136 Resp: 961550

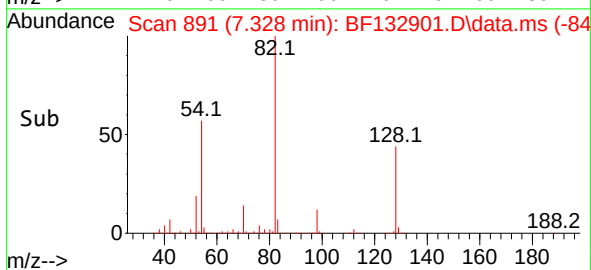
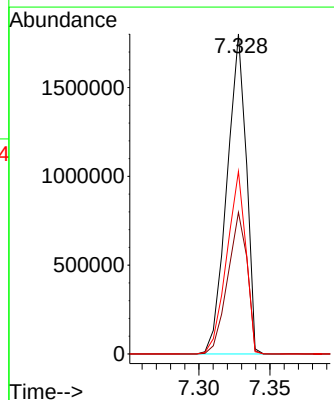
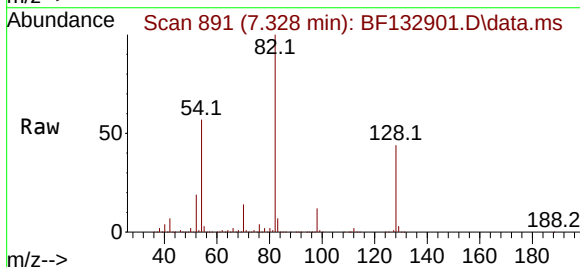
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	10.8	8.9	13.3
68	8.0	6.5	9.7

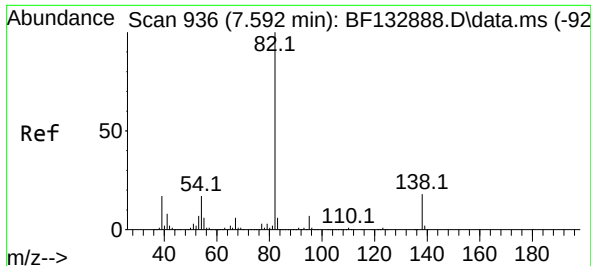


#23
Nitrobenzene-d5
Concen: 92.071 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF132901.D
Acq: 18 Apr 2023 15:23

Tgt Ion: 82 Resp: 1698439

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.7	53.5
54	57.0	44.7	67.1

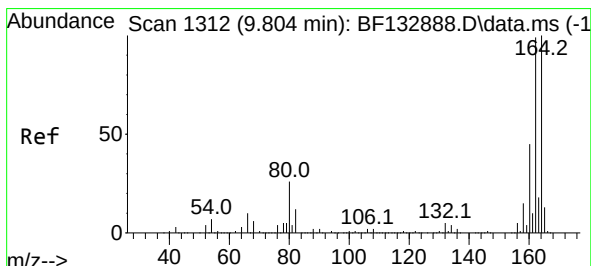
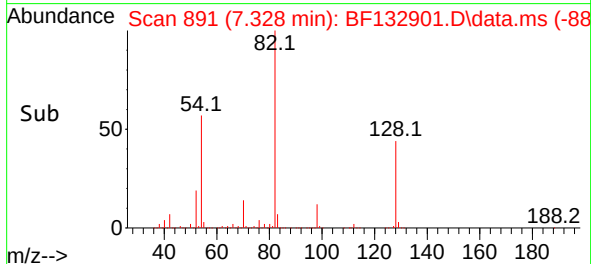
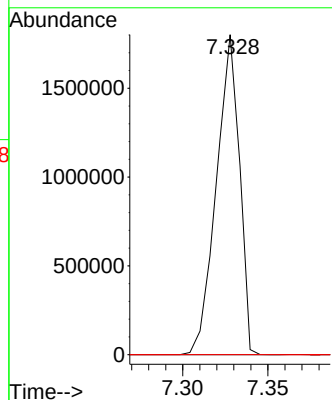
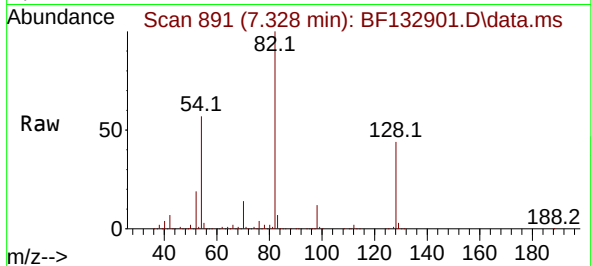




#25
Isophorone
Concen: 48.507 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF132901.D
Acq: 18 Apr 2023 15:23

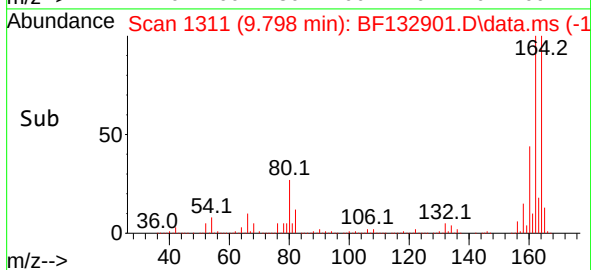
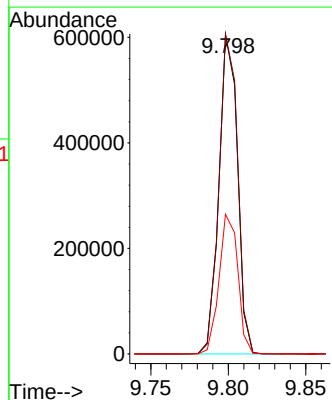
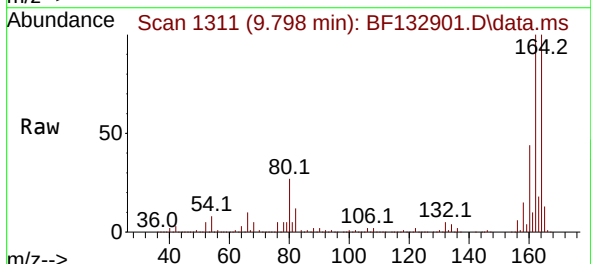
Instrument :
BNA_F
ClientSampleId :
HW-STONE-2-0414

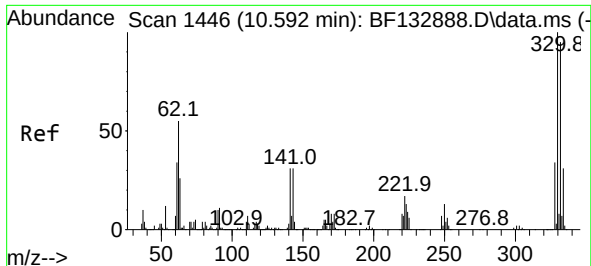
Tgt Ion: 82 Resp: 1697306
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132901.D
Acq: 18 Apr 2023 15:23

Tgt Ion: 164 Resp: 504338
Ion Ratio Lower Upper
164 100
162 100.3 79.1 118.7
160 43.7 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 162.467 ng

RT: 10.592 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BF132901.D

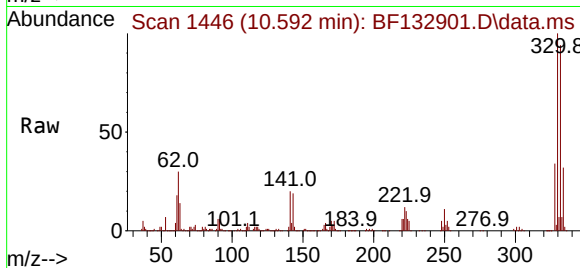
Acq: 18 Apr 2023 15:23

Instrument :

BNA_F

ClientSampleId :

HW-STONE-2-0414



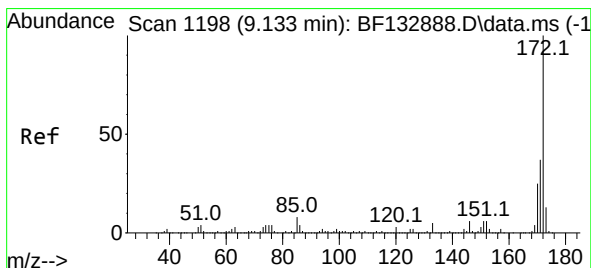
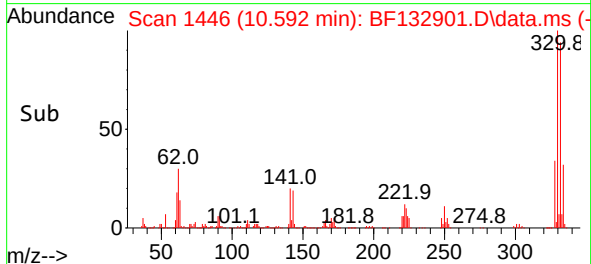
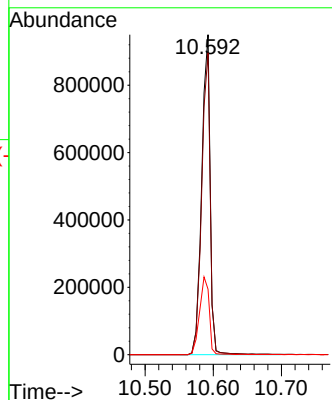
Tgt Ion:330 Resp: 821846

Ion Ratio Lower Upper

330 100

332 94.6 76.3 114.5

141 27.4 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 87.807 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF132901.D

Acq: 18 Apr 2023 15:23

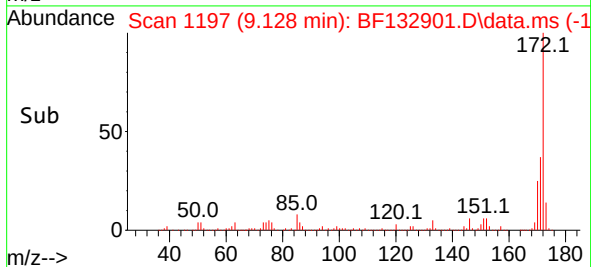
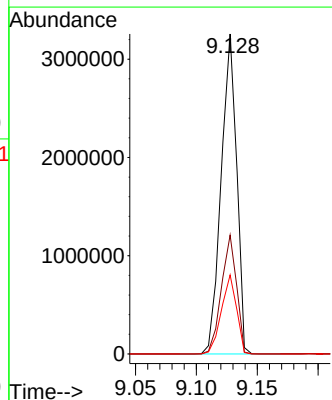
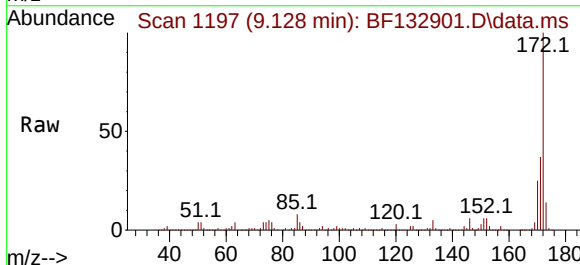
Tgt Ion:172 Resp: 2882698

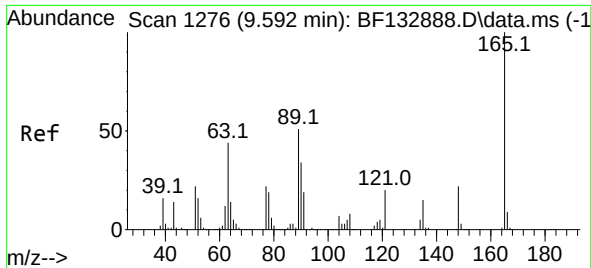
Ion Ratio Lower Upper

172 100

171 37.2 29.4 44.0

170 24.7 20.1 30.1





#51

2,6-Dinitrotoluene

Concen: 8.608 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.206 min

Lab File: BF132901.D

Acq: 18 Apr 2023 15:23

Instrument :

BNA_F

ClientSampleId :

HW-STONE-2-0414

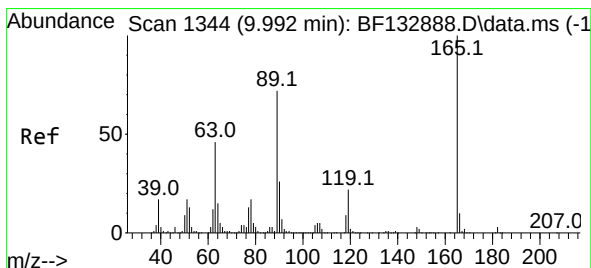
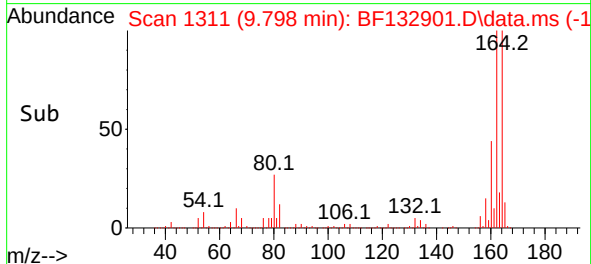
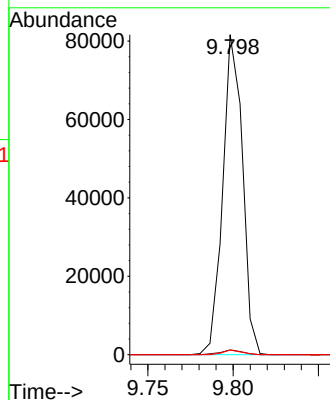
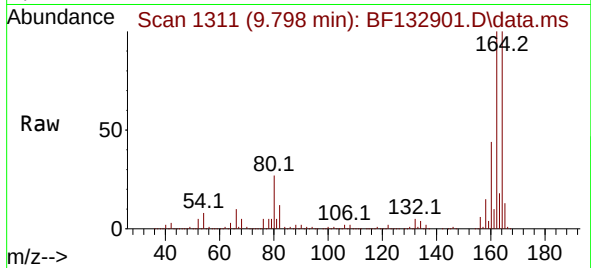
Tgt Ion:165 Resp: 65805

Ion Ratio Lower Upper

165 100

63 1.5 42.6 63.8#

89 1.4 41.0 61.4#



#57

2,4-Dinitrotoluene

Concen: 6.974 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.194 min

Lab File: BF132901.D

Acq: 18 Apr 2023 15:23

Tgt Ion:165 Resp: 65805

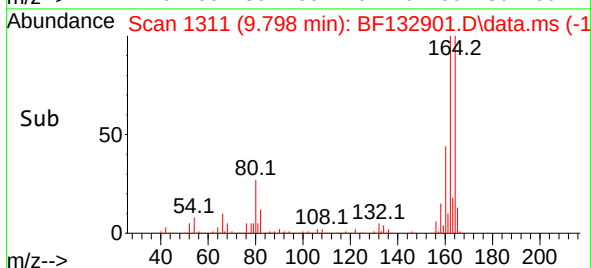
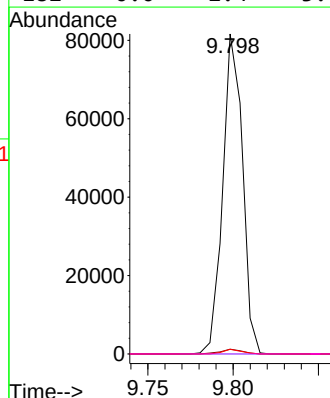
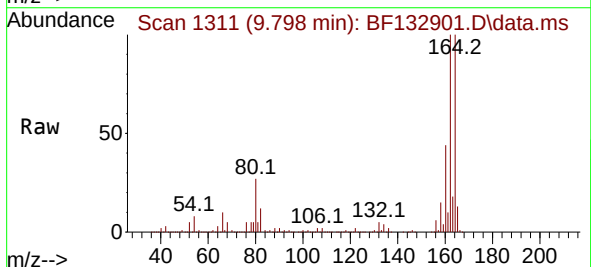
Ion Ratio Lower Upper

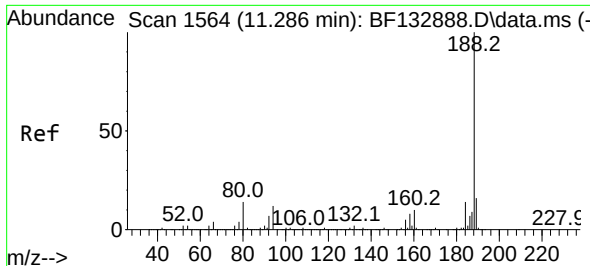
165 100

63 1.5 37.0 55.6#

89 1.4 57.8 86.6#

182 0.0 2.4 3.6#

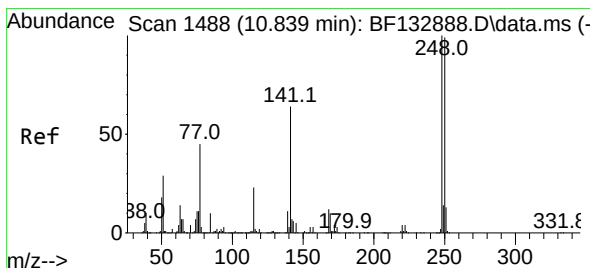
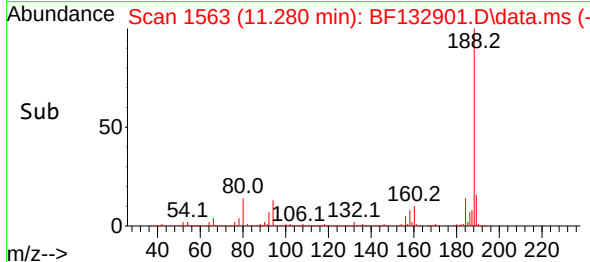
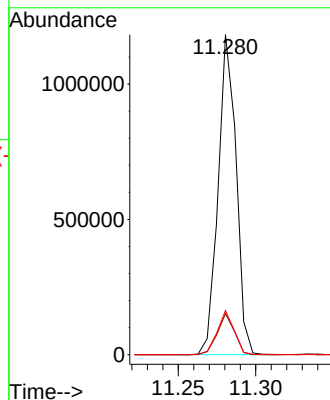
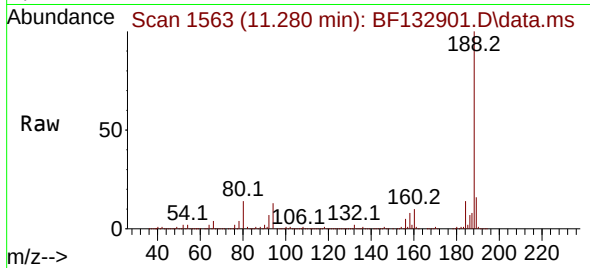




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132901.D
Acq: 18 Apr 2023 15:23

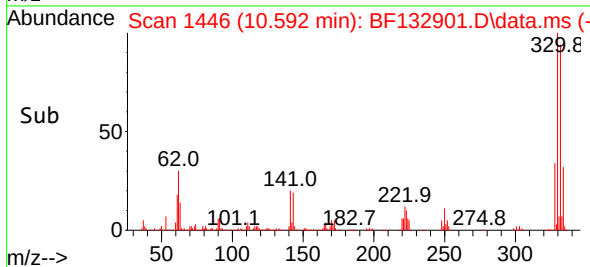
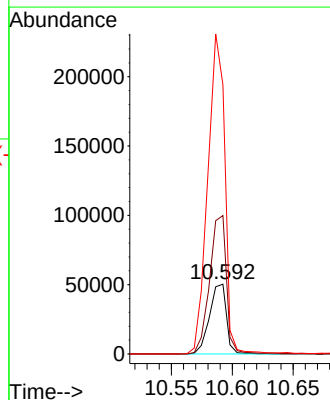
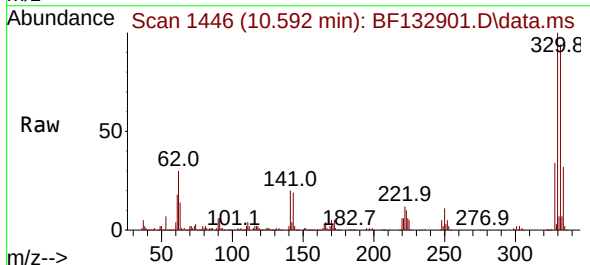
Instrument :
BNA_F
ClientSampleId :
HW-STONE-2-0414

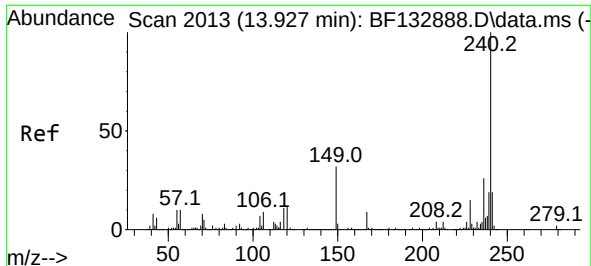
Tgt Ion:188 Resp: 954789
Ion Ratio Lower Upper
188 100
94 12.8 9.9 14.9
80 13.8 10.8 16.2



#67
4-Bromophenyl-phenylether
Concen: 4.473 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF132901.D
Acq: 18 Apr 2023 15:23

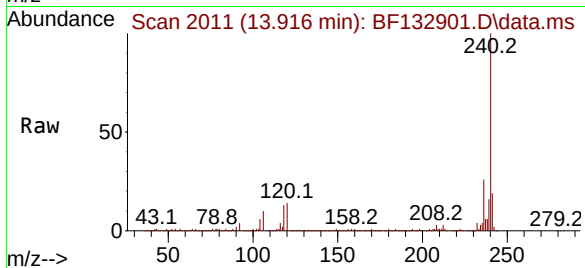
Tgt Ion:248 Resp: 48765
Ion Ratio Lower Upper
248 100
250 198.4 79.1 118.7#
141 385.8 51.0 76.6#



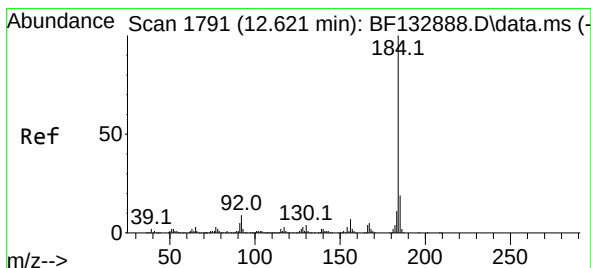
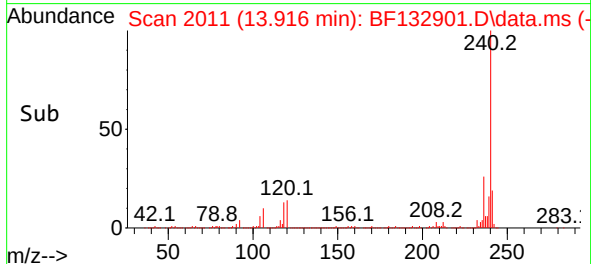
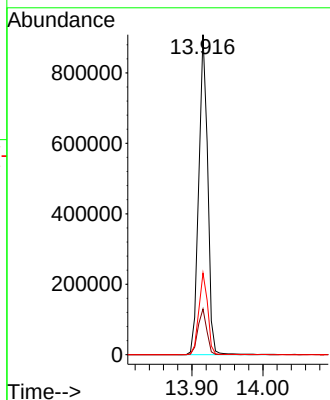


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF132901.D
Acq: 18 Apr 2023 15:23

Instrument :
BNA_F
ClientSampleId :
HW-STONE-2-0414

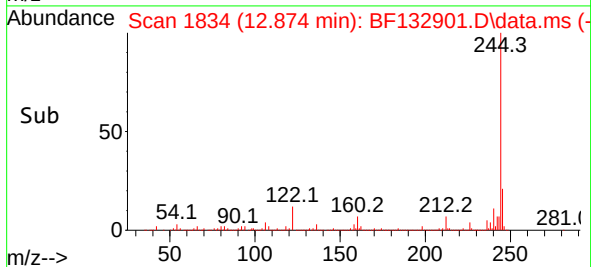
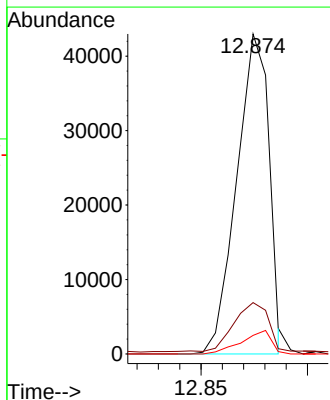
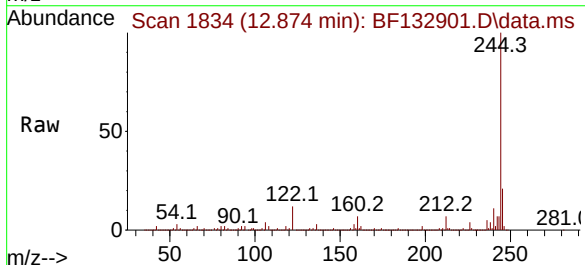


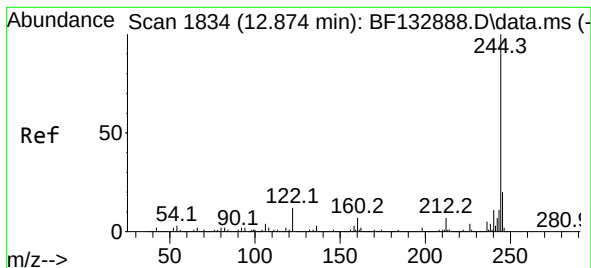
Tgt Ion:240 Resp: 795972
Ion Ratio Lower Upper
240 100
120 14.3 10.0 15.0
236 25.5 20.8 31.2



#77
Benzidine
Concen: 3.661 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.253 min
Lab File: BF132901.D
Acq: 18 Apr 2023 15:23

Tgt Ion:184 Resp: 45391
Ion Ratio Lower Upper
184 100
185 16.0 14.9 22.3
183 5.8 9.0 13.6#





#79

Terphenyl-d14

Concen: 84.832 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.000 min

Lab File: BF132901.D

Acq: 18 Apr 2023 15:23

Instrument :

BNA_F

ClientSampleId :

HW-STONE-2-0414

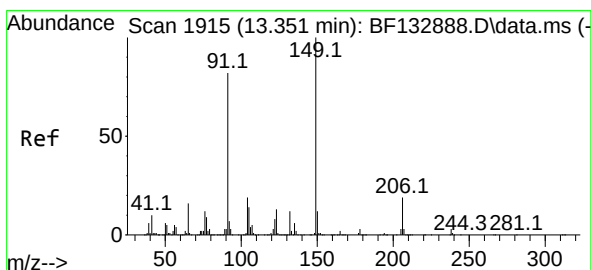
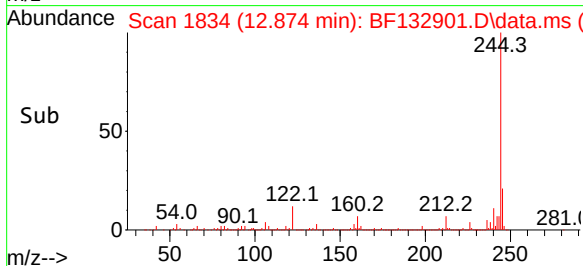
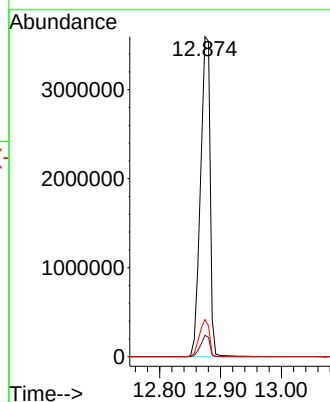
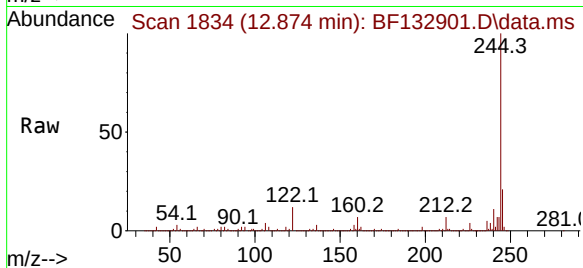
Tgt Ion:244 Resp: 3957848

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 11.6 9.6 14.4



#80

Butylbenzylphthalate

Concen: 5.225 ng

RT: 13.345 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BF132901.D

Acq: 18 Apr 2023 15:23

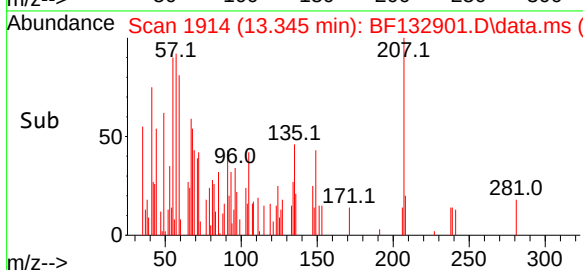
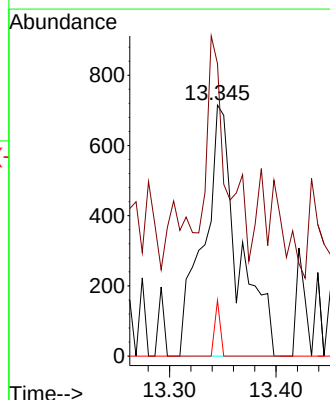
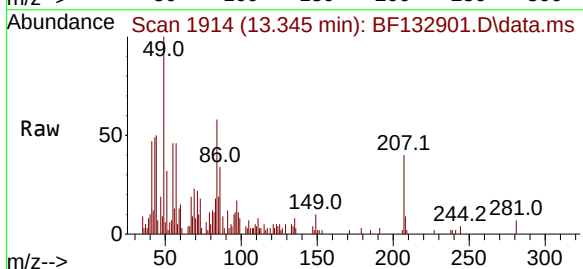
Tgt Ion:149 Resp: 1605

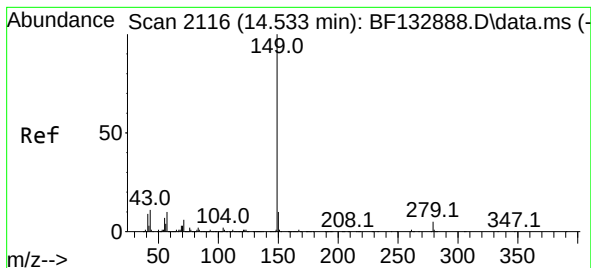
Ion Ratio Lower Upper

149 100

91 116.5 65.4 98.0#

206 22.2 15.6 23.4





#85

Di-n-octyl phthalate

Concen: 6.470 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.012 min

Lab File: BF132901.D

Acq: 18 Apr 2023 15:23

Instrument :

BNA_F

ClientSampleId :

HW-STONE-2-0414

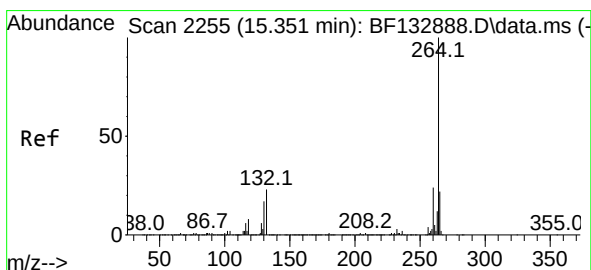
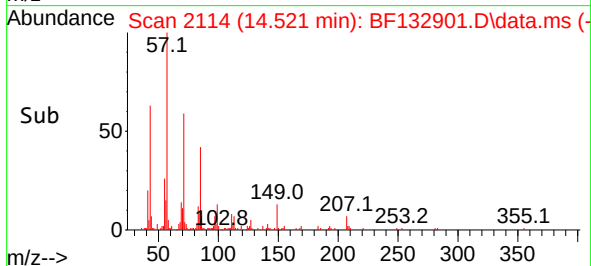
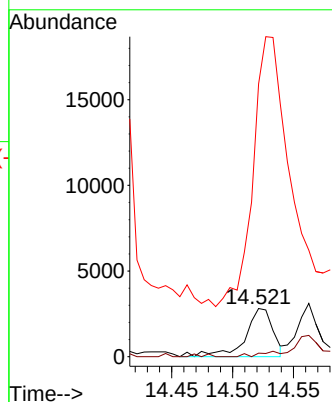
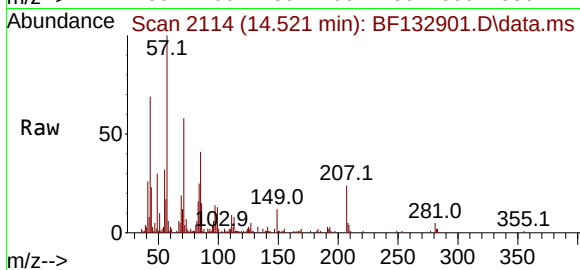
Tgt Ion:149 Resp: 4486

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 766.6 11.5 17.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.345 min Scan# 2254

Delta R.T. -0.006 min

Lab File: BF132901.D

Acq: 18 Apr 2023 15:23

Tgt Ion:264 Resp: 749004

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.9 17.7 26.5

