

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133387.D
 Acq On : 15 May 2023 17:17
 Operator : CG\JU
 Sample : 02781-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP-WASTE-WASTER-5/12/23

Quant Time: May 15 17:53:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

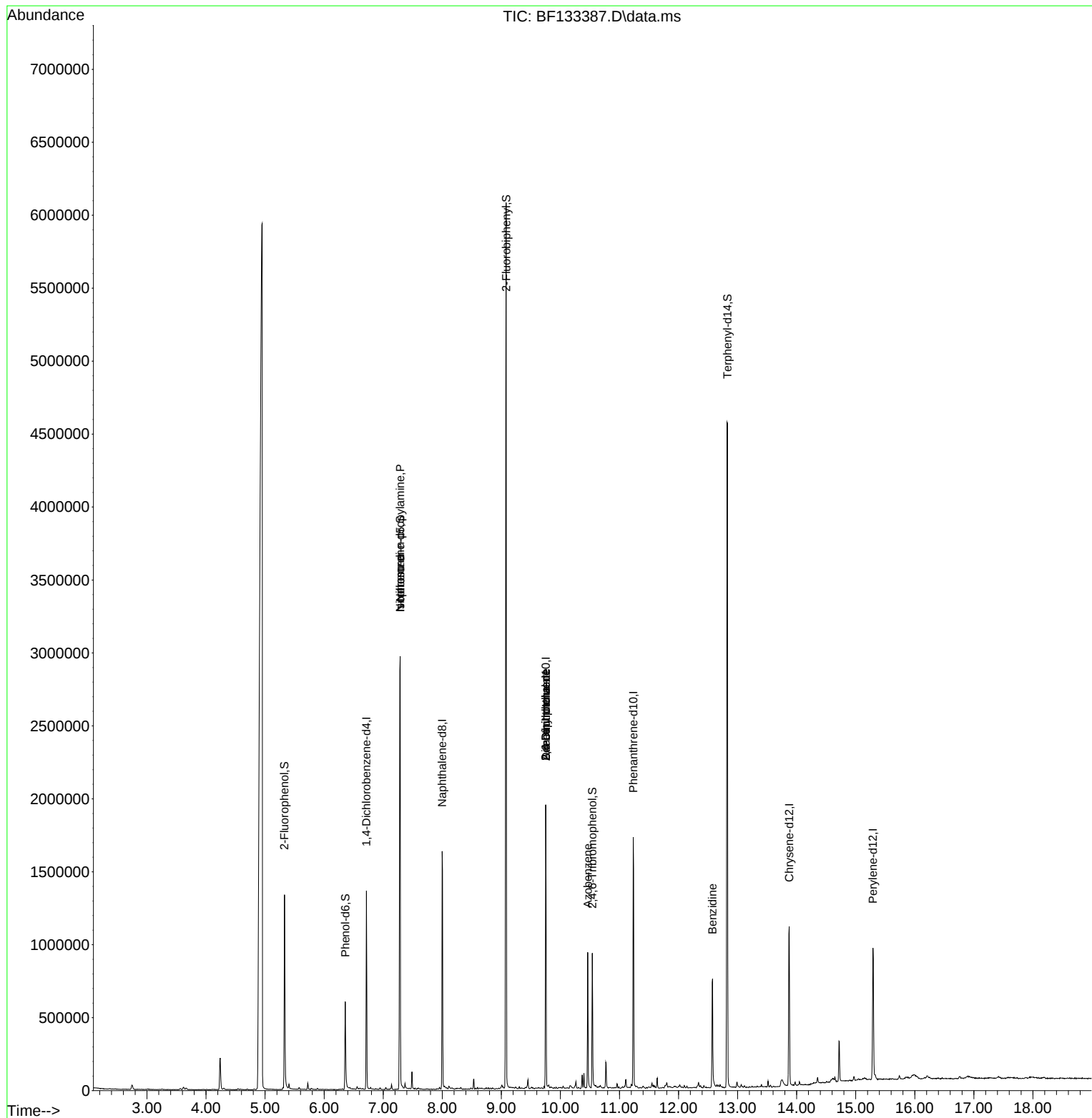
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	180095	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	718323	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	359770	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	632453	20.000	ng	0.00
76) Chrysene-d12	13.874	240	376553	20.000	ng	0.00
86) Perylene-d12	15.292	264	399287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	384060	32.214	ng	0.00
7) Phenol-d6	6.357	99	202282	13.670	ng	-0.01
23) Nitrobenzene-d5	7.287	82	999131	75.078	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	102126	28.226	ng	-0.01
45) 2-Fluorobiphenyl	9.081	172	1750488	81.401	ng	0.00
79) Terphenyl-d14	12.827	244	1755364	80.398	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.263	77	267	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.287	70	130861	14.205	ng	# 74
25) Isophorone	7.287	82	999131	39.542	ng	# 63
50) Dimethylphthalate	9.751	163	68364	2.725	ng	# 1
51) 2,6-Dinitrotoluene	9.751	165	47897	8.483	ng	# 25
57) 2,4-Dinitrotoluene	9.751	165	47899	6.652	ng	# 23
63) Azobenzene	10.463	77	133869	5.333	ng	# 1
77) Benzidine	12.575	184	316409	49.690	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133387.D
Acq On : 15 May 2023 17:17
Operator : CG\JU
Sample : 02781-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP-WASTE-WASTER-5/12/23

Quant Time: May 15 17:53:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 16:40:17 2023
Response via : Initial Calibration

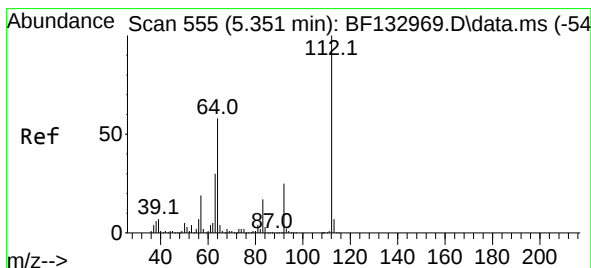
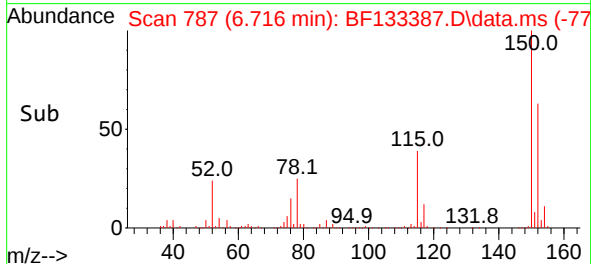
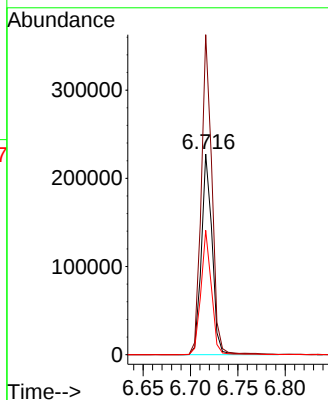
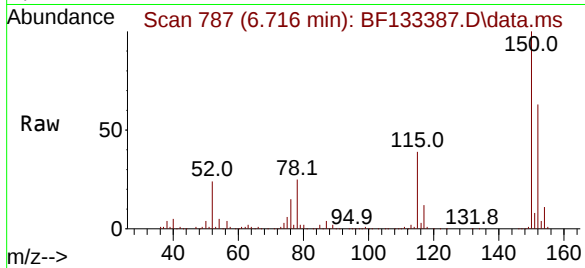




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133387.D
 Acq: 15 May 2023 17:17

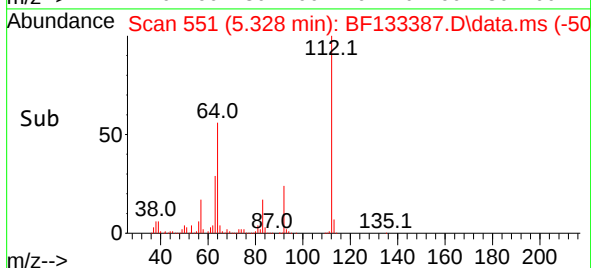
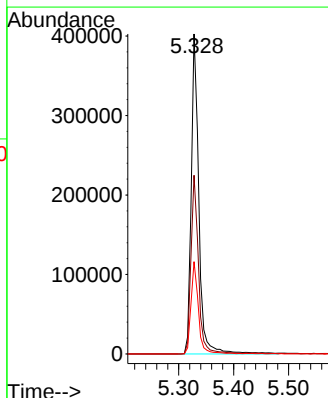
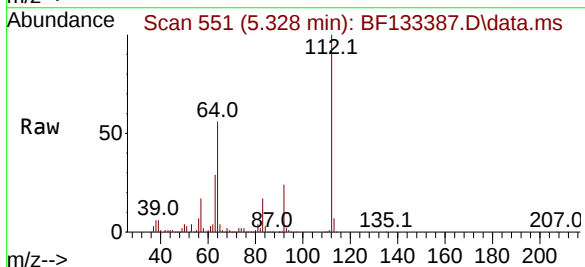
Instrument :
 BNA_F
 ClientSampleId :
 MGP-WASTE-WASTER-5/12/23

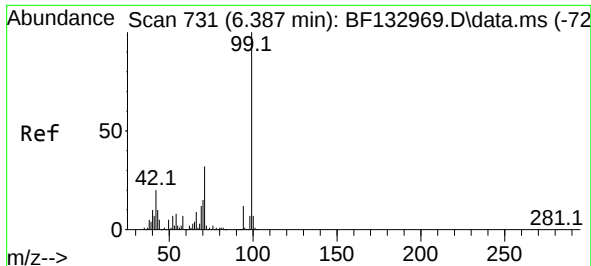
Tgt Ion:152 Resp: 180095
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.8 187.2
 115 62.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 32.214 ng
 RT: 5.328 min Scan# 551
 Delta R.T. 0.000 min
 Lab File: BF133387.D
 Acq: 15 May 2023 17:17

Tgt Ion:112 Resp: 384060
 Ion Ratio Lower Upper
 112 100
 64 55.9 46.8 70.2
 63 28.8 23.8 35.8

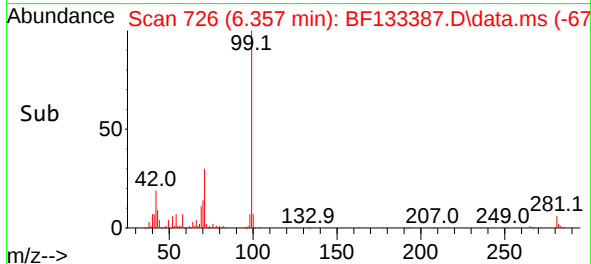
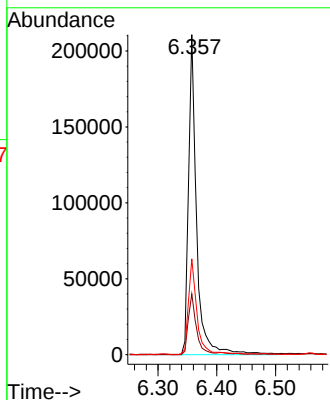
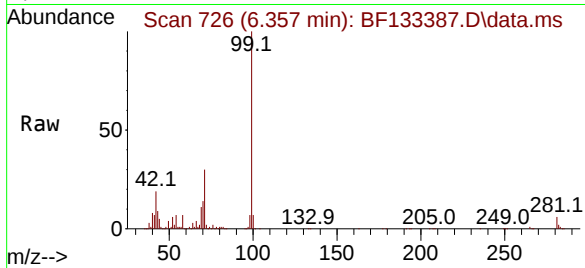




#7
Phenol-d6
Concen: 13.670 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133387.D
Acq: 15 May 2023 17:17

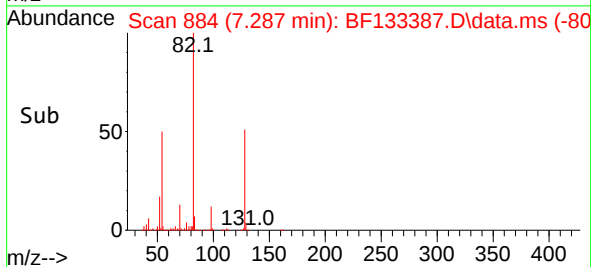
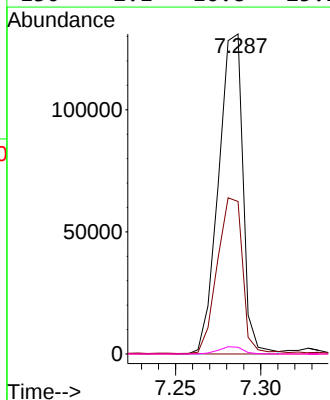
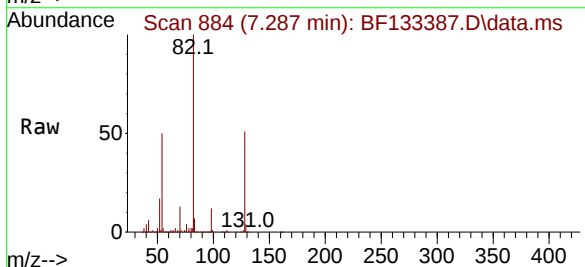
Instrument :
BNA_F
ClientSampleId :
MGP-WASTE-WASTER-5/12/23

Tgt Ion: 99 Resp: 202282
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 30.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.205 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133387.D
Acq: 15 May 2023 17:17

Tgt Ion: 70 Resp: 130861
Ion Ratio Lower Upper
70 100
42 47.7 51.8 77.6#
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#

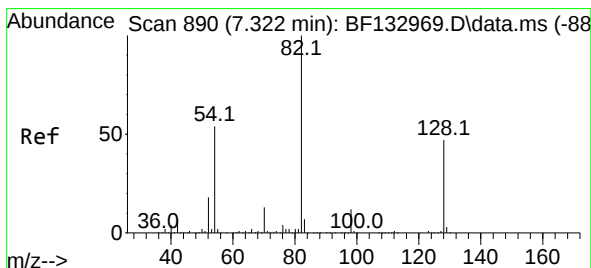
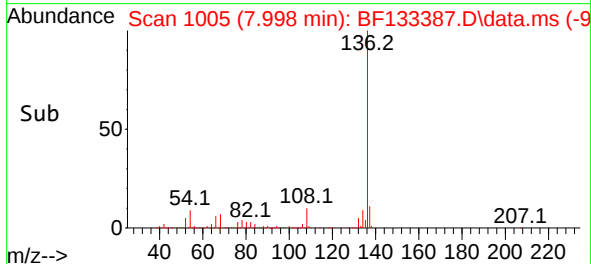
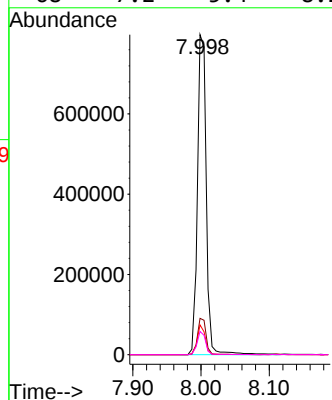
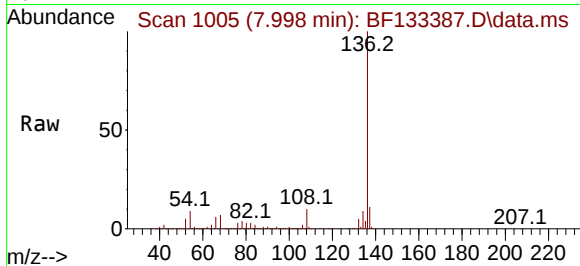




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133387.D
Acq: 15 May 2023 17:17

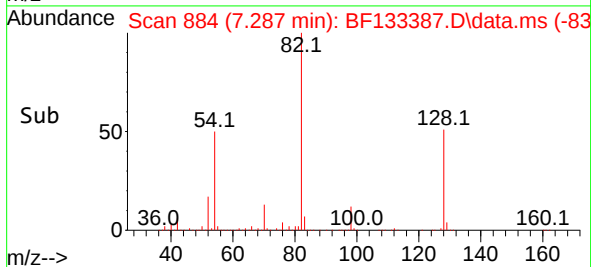
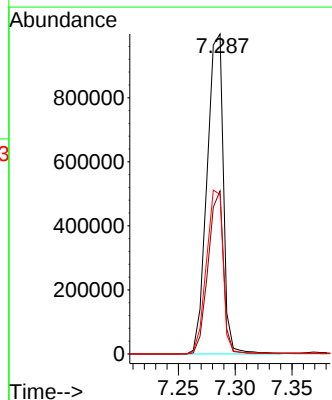
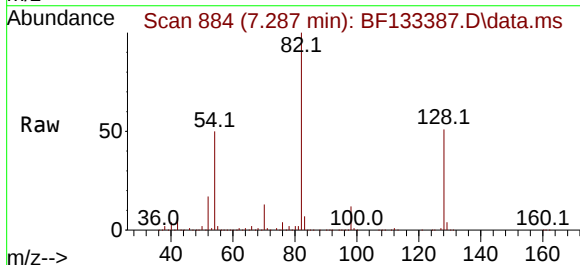
Instrument :
BNA_F
ClientSampleId :
MGP-WASTE-WASTER-5/12/23

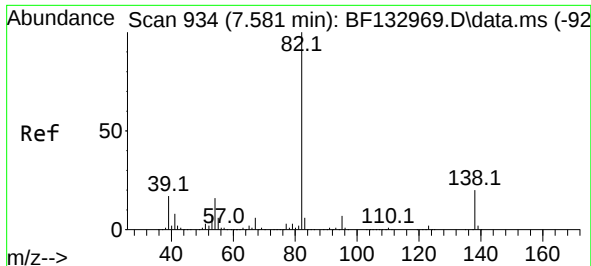
Tgt Ion:136 Resp: 718323
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.3 7.0 10.4
68 7.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 75.078 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133387.D
Acq: 15 May 2023 17:17

Tgt Ion: 82 Resp: 999131
Ion Ratio Lower Upper
82 100
128 50.9 37.7 56.5
54 49.8 43.0 64.4

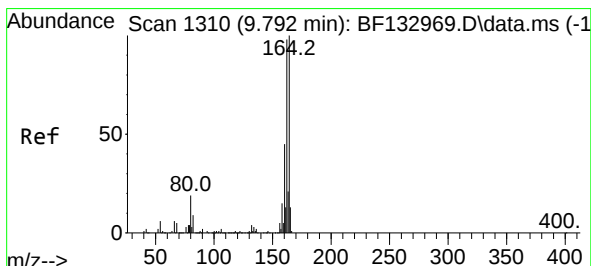
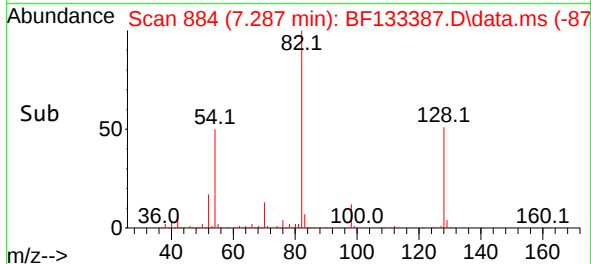
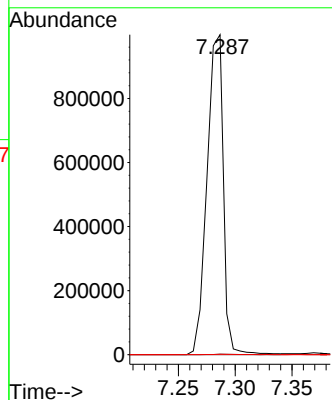
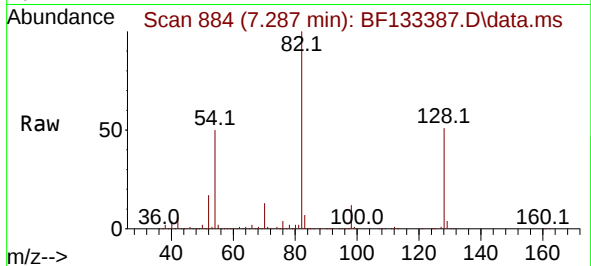




#25
Isophorone
Concen: 39.542 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133387.D
Acq: 15 May 2023 17:17

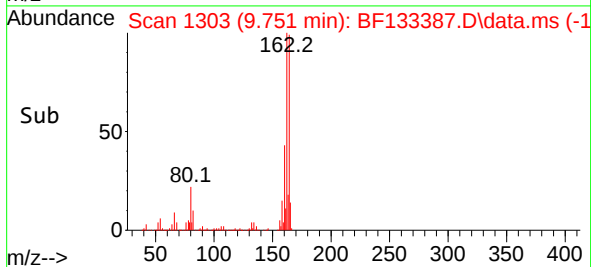
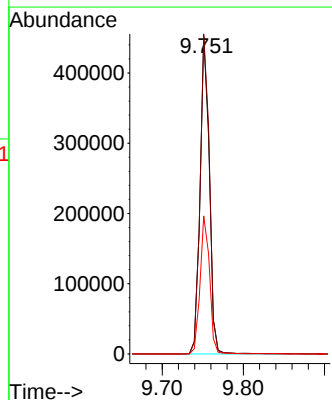
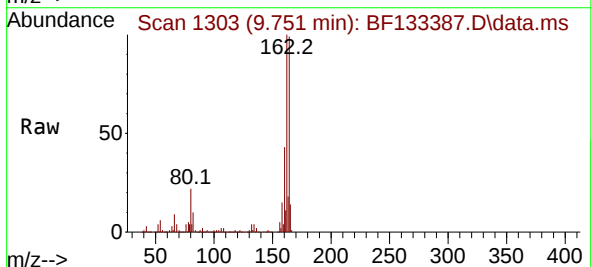
Instrument :
BNA_F
ClientSampleId :
MGP-WASTE-WASTER-5/12/23

Tgt Ion: 82 Resp: 999131
Ion Ratio Lower Upper
82 100
95 0.2 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF133387.D
Acq: 15 May 2023 17:17

Tgt Ion:164 Resp: 359770
Ion Ratio Lower Upper
164 100
162 100.8 78.7 118.1
160 43.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 28.226 ng

RT: 10.539 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF133387.D

Acq: 15 May 2023 17:17

Instrument :

BNA_F

ClientSampleId :

MGP-WASTE-WASTER-5/12/23

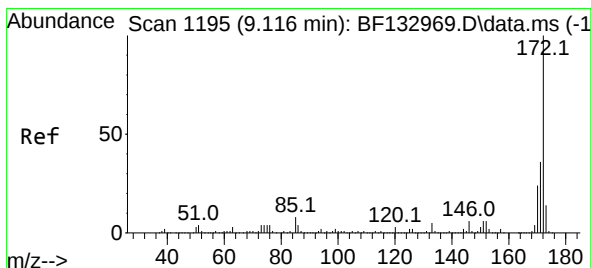
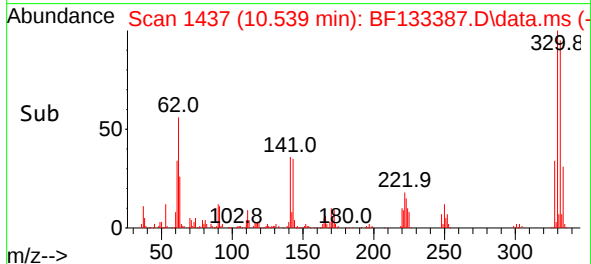
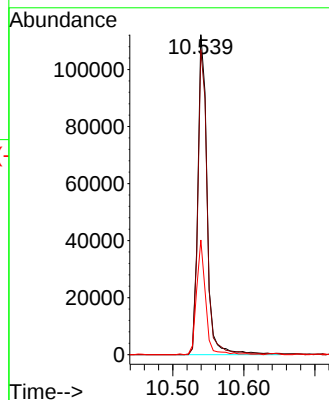
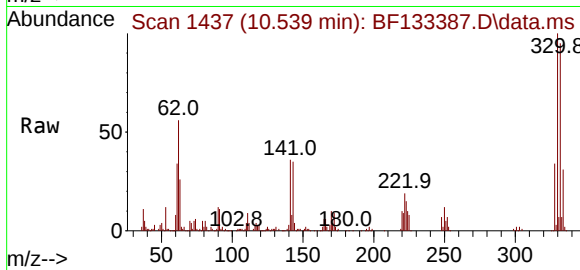
Tgt Ion:330 Resp: 102126

Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

141 35.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 81.401 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133387.D

Acq: 15 May 2023 17:17

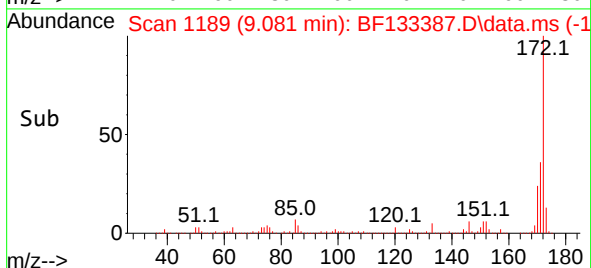
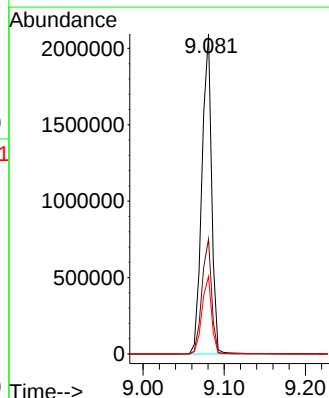
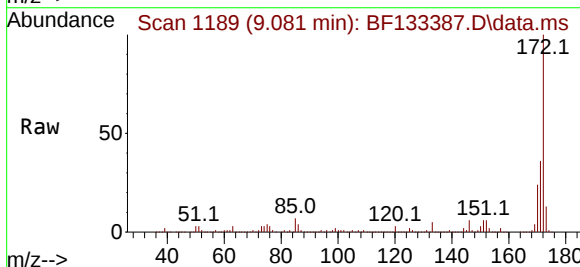
Tgt Ion:172 Resp: 1750488

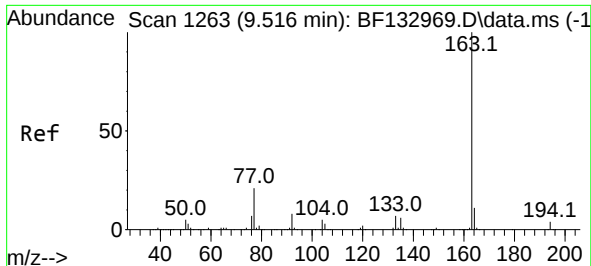
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.2 19.4 29.2

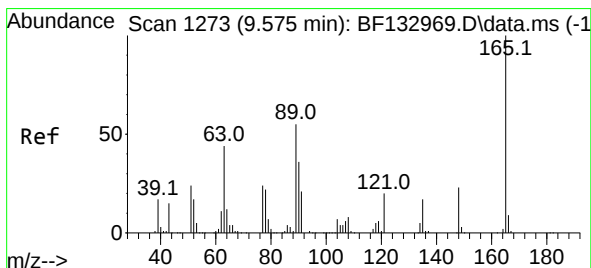
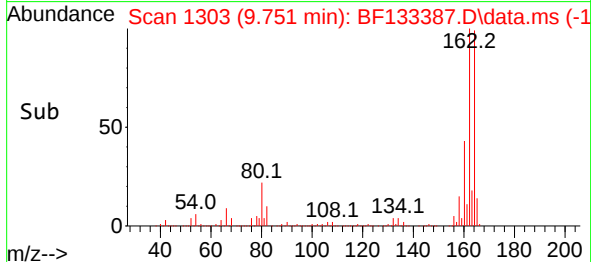
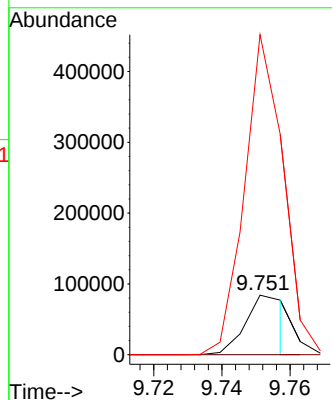
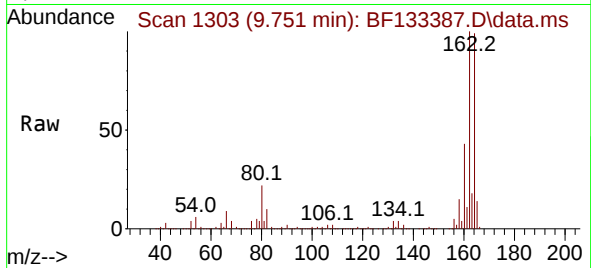




#50
Dimethylphthalate
Concen: 2.725 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.265 min
Lab File: BF133387.D
Acq: 15 May 2023 17:17

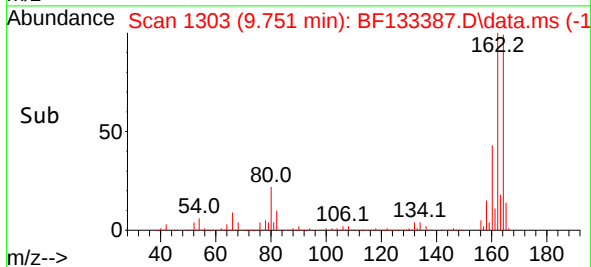
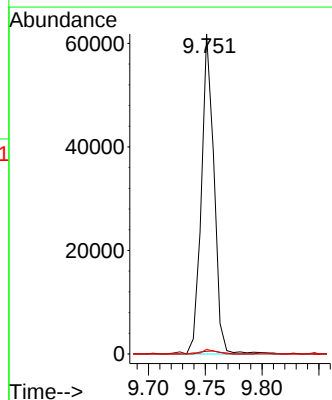
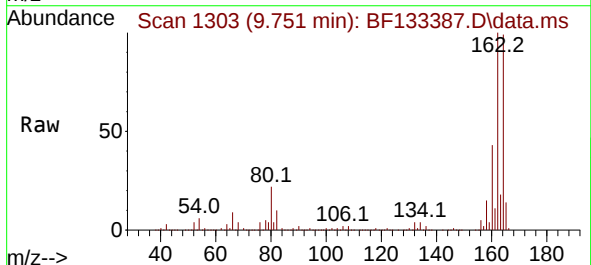
Instrument :
BNA_F
ClientSampleId :
MGP-WASTE-WASTER-5/12/23

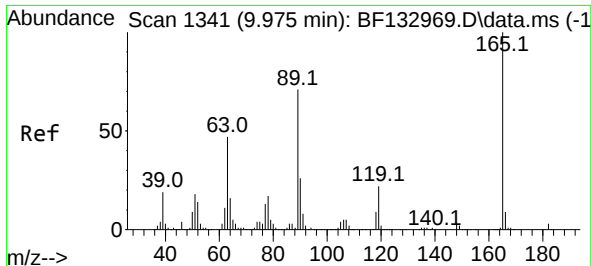
Tgt Ion:163 Resp: 68364
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 538.1 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.483 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.206 min
Lab File: BF133387.D
Acq: 15 May 2023 17:17

Tgt Ion:165 Resp: 47897
Ion Ratio Lower Upper
165 100
63 0.9 45.9 68.9#
89 1.5 44.0 66.0#

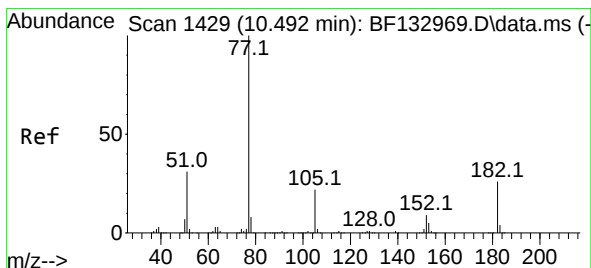
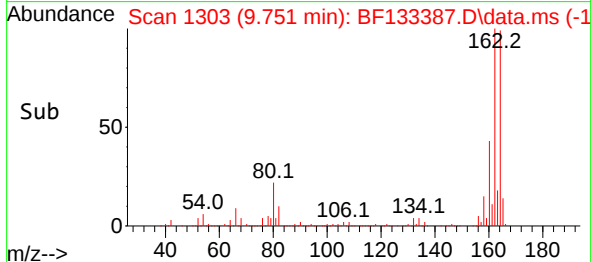
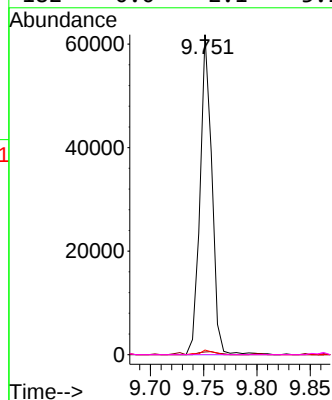
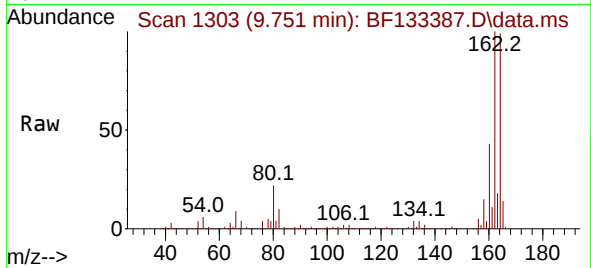




#57
2,4-Dinitrotoluene
Concen: 6.652 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133387.D
Acq: 15 May 2023 17:17

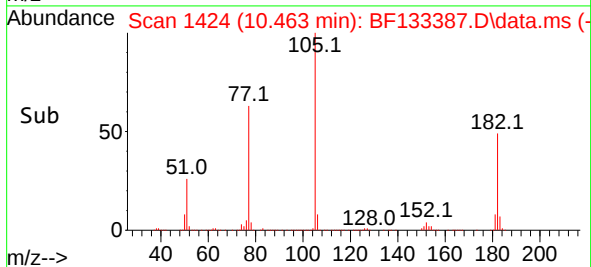
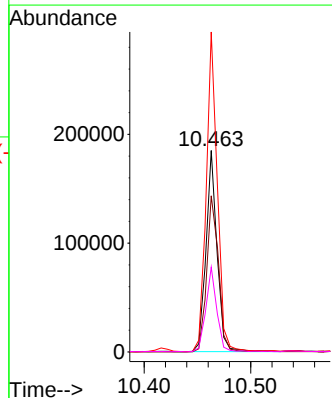
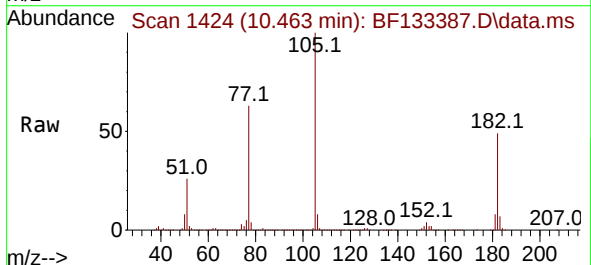
Instrument :
BNA_F
ClientSampleId :
MGP-WASTE-WASTER-5/12/23

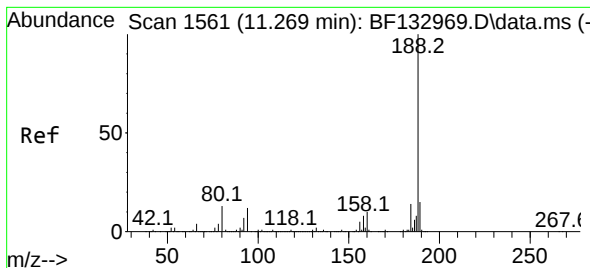
Tgt Ion:165 Resp: 47899
Ion Ratio Lower Upper
165 100
63 0.9 37.7 56.5#
89 1.5 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 5.333 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF133387.D
Acq: 15 May 2023 17:17

Tgt Ion: 77 Resp: 133869
Ion Ratio Lower Upper
77 100
182 77.5 5.9 45.9#
105 158.8 2.3 42.3#
51 42.1 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133387.D

Acq: 15 May 2023 17:17

Instrument :

BNA_F

ClientSampleId :

MGP-WASTE-WASTER-5/12/23

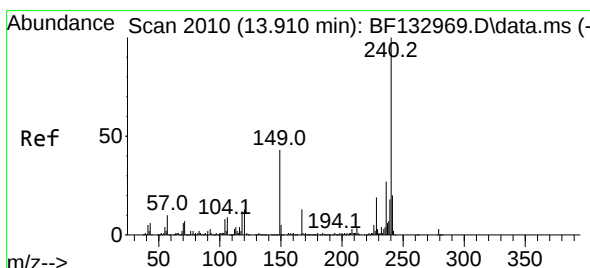
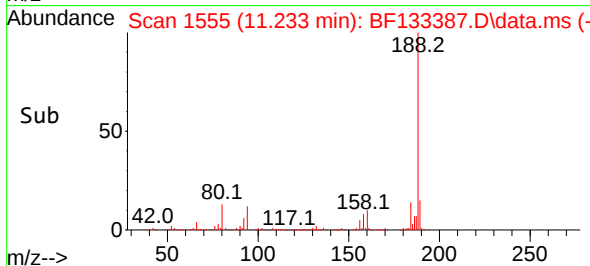
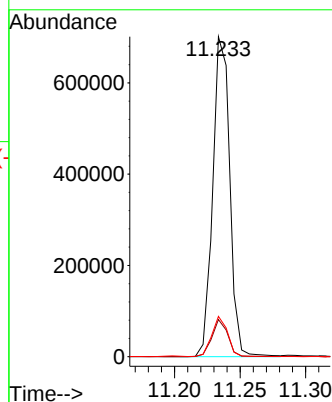
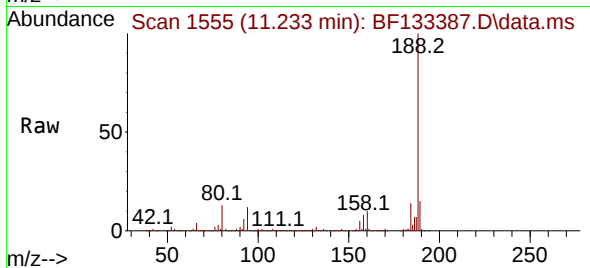
Tgt Ion:188 Resp: 632453

Ion Ratio Lower Upper

188 100

94 11.6 9.7 14.5

80 12.6 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF133387.D

Acq: 15 May 2023 17:17

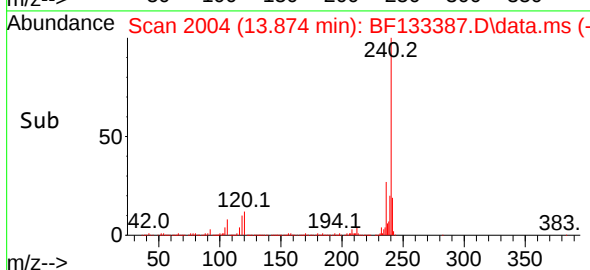
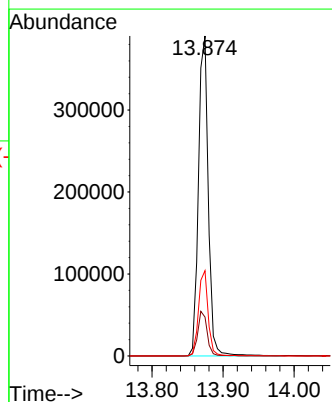
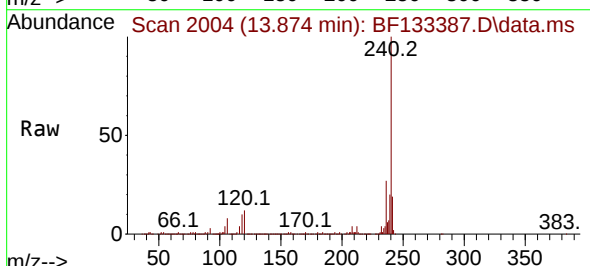
Tgt Ion:240 Resp: 376553

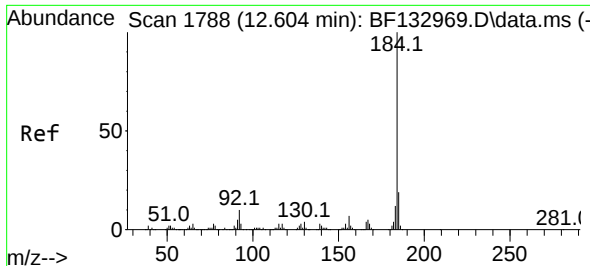
Ion Ratio Lower Upper

240 100

120 12.2 10.5 15.7

236 26.7 21.5 32.3

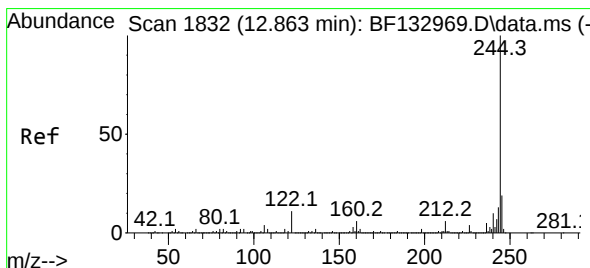
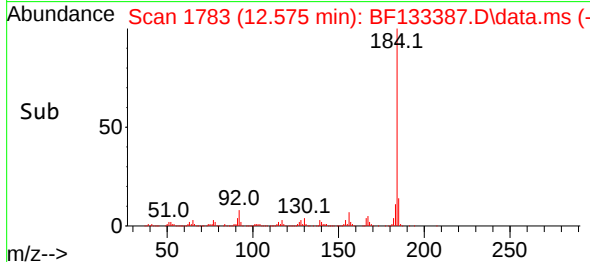
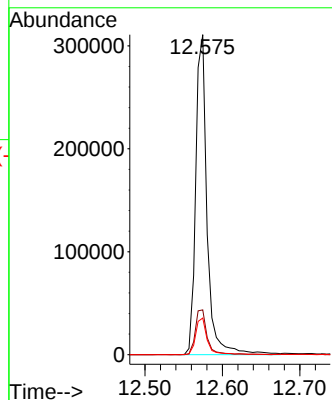
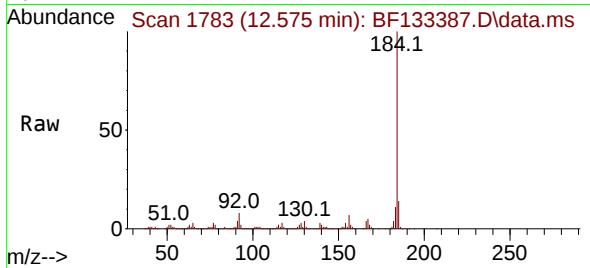




#77
Benzidine
Concen: 49.690 ng
RT: 12.575 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF133387.D
Acq: 15 May 2023 17:17

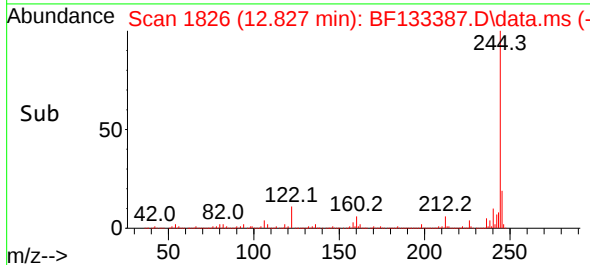
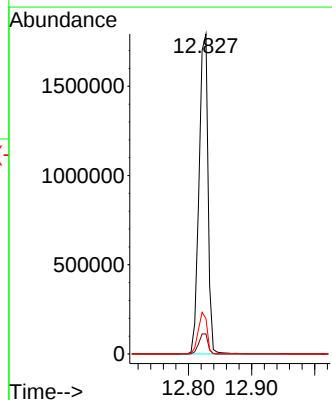
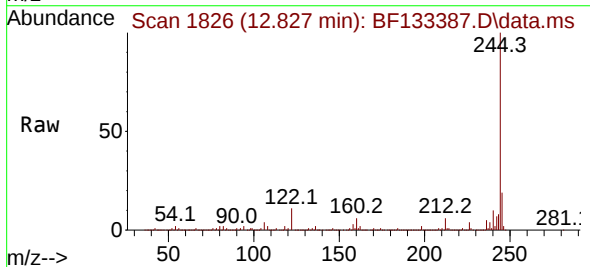
Instrument :
BNA_F
ClientSampleId :
MGP-WASTE-WASTER-5/12/23

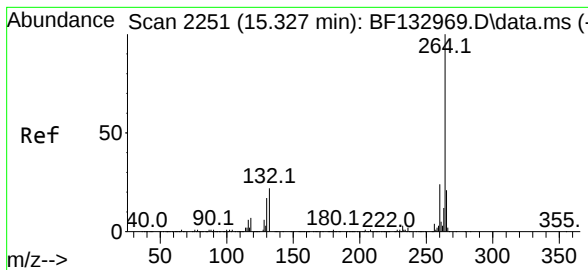
Tgt Ion:184 Resp: 316409
Ion Ratio Lower Upper
184 100
185 14.0 15.4 23.2#
183 11.5 9.4 14.0



#79
Terphenyl-d14
Concen: 80.398 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF133387.D
Acq: 15 May 2023 17:17

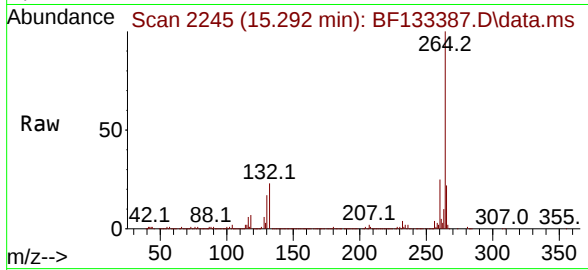
Tgt Ion:244 Resp: 1755364
Ion Ratio Lower Upper
244 100
212 6.2 5.1 7.7
122 11.1 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133387.D
Acq: 15 May 2023 17:17

Instrument :
BNA_F
ClientSampleId :
MGP-WASTE-WASTER-5/12/23



Tgt Ion:264 Resp: 399287
Ion Ratio Lower Upper
264 100
260 25.1 18.8 28.2
265 21.9 17.0 25.4

