

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138710.D
 Acq On : 31 Jul 2024 19:06
 Operator : RC/JU
 Sample : P3387-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9-Full Waste Class

Quant Time: Aug 01 04:33:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

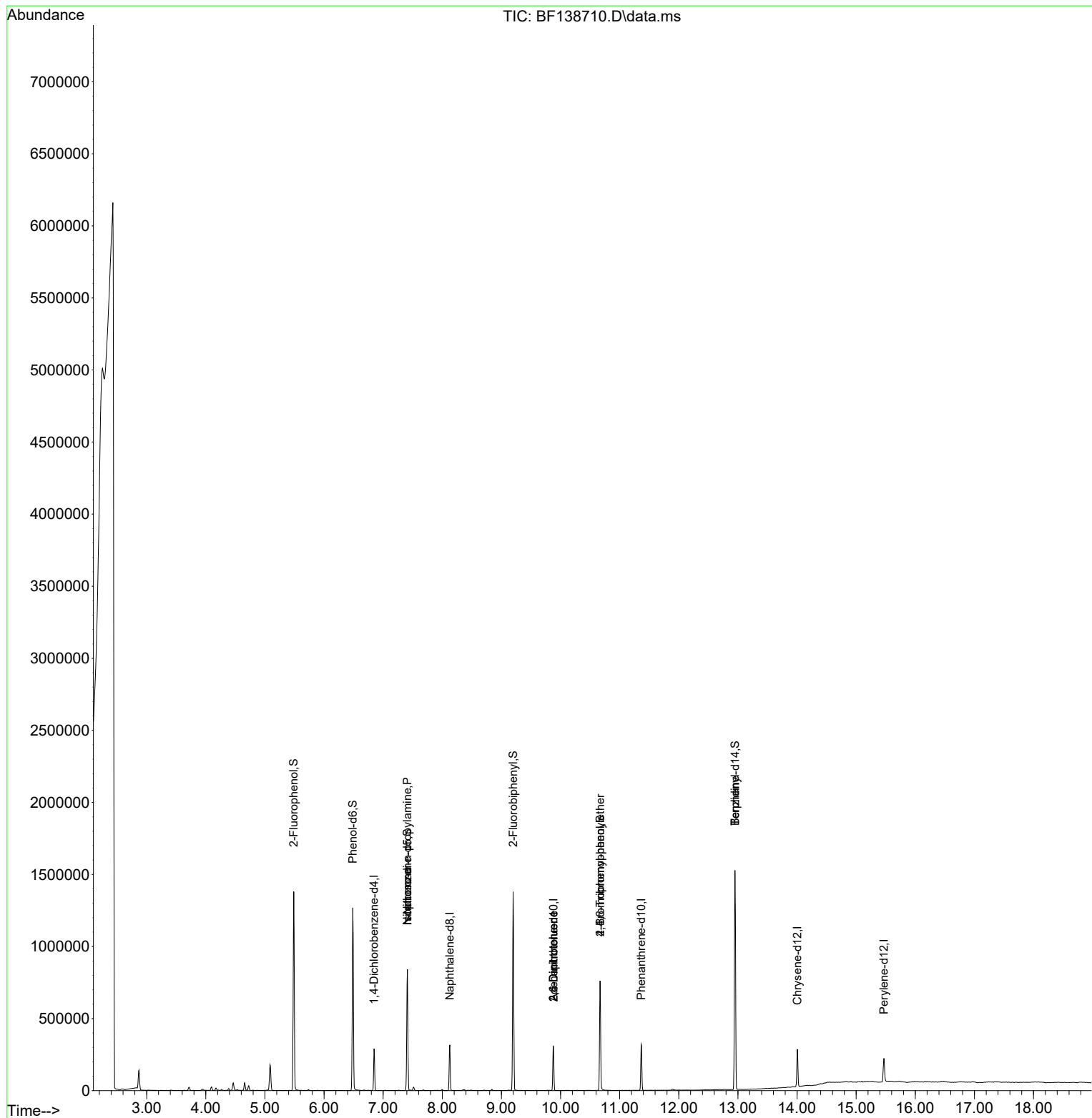
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	54464	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	192031	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	90712	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	166127	20.000	ng	0.00
76) Chrysene-d12	14.004	240	112809	20.000	ng	0.00
86) Perylene-d12	15.468	264	86732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	458527	129.959	ng	0.02
7) Phenol-d6	6.487	99	563999	119.061	ng	0.00
23) Nitrobenzene-d5	7.410	82	357102	90.919	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	111122	149.548	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	564164	93.445	ng	0.00
79) Terphenyl-d14	12.951	244	713049	105.828	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	48305	16.883	ng	Qvalue 74
25) Isophorone	7.410	82	354262	52.822	ng	# 66
51) 2,6-Dinitrotoluene	9.881	165	11732	8.963	ng	# 21
57) 2,4-Dinitrotoluene	9.881	165	11732	7.025	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	8554	4.756	ng	# 1
77) Benzidine	12.951	184	9909	3.672	ng	# 92

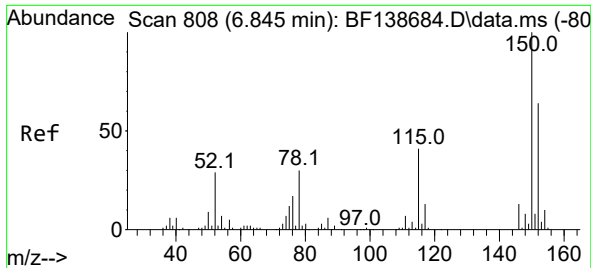
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WC-9-Full Waste Class

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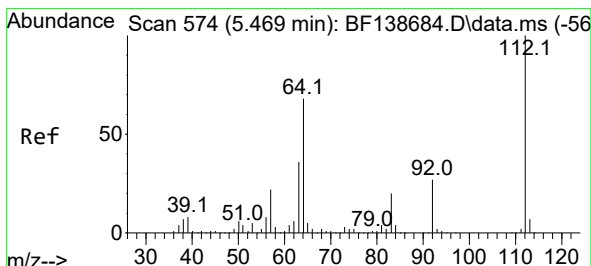
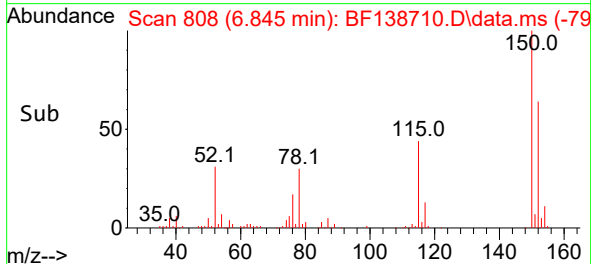
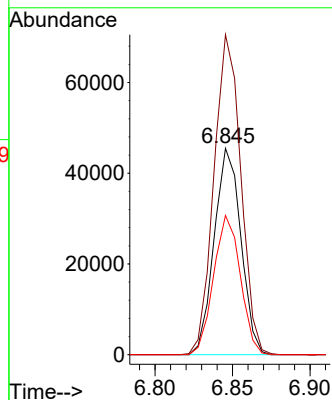
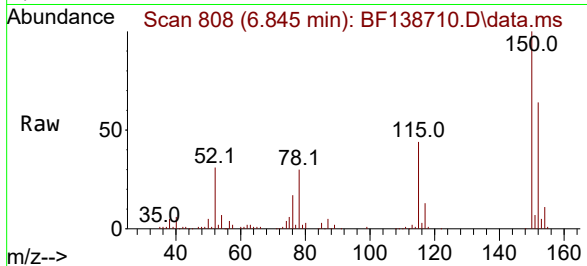




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138710.D
Acq: 31 Jul 2024 19:06

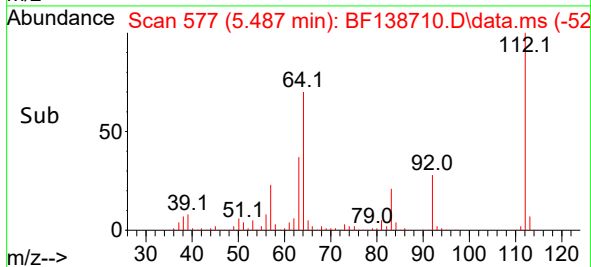
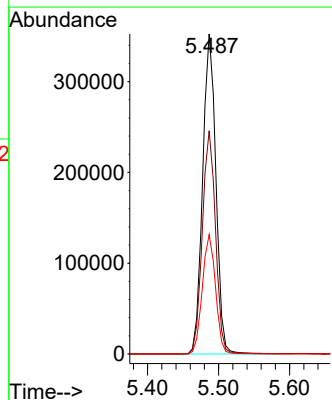
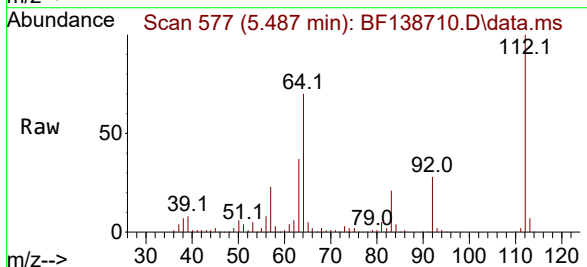
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste Class

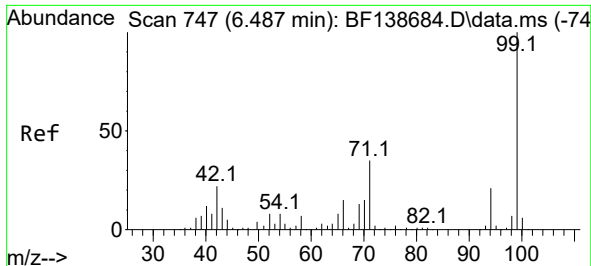
Tgt Ion:152 Resp: 54464
Ion Ratio Lower Upper
152 100
150 155.1 126.0 189.0
115 67.5 51.7 77.5



#5
2-Fluorophenol
Concen: 129.959 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138710.D
Acq: 31 Jul 2024 19:06

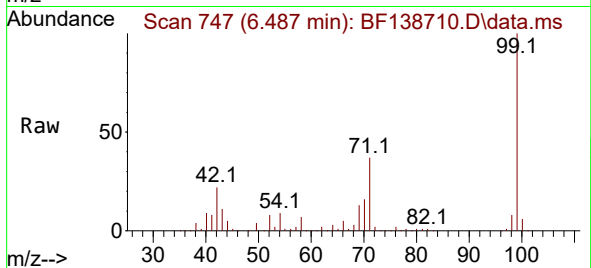
Tgt Ion:112 Resp: 458527
Ion Ratio Lower Upper
112 100
64 69.8 54.2 81.4
63 37.3 28.7 43.1



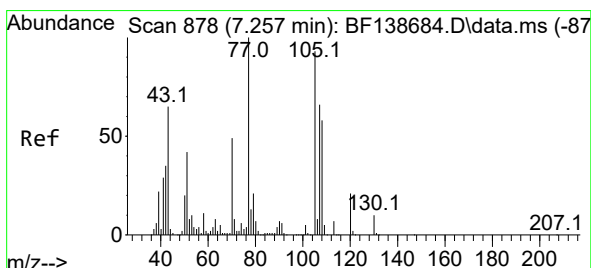
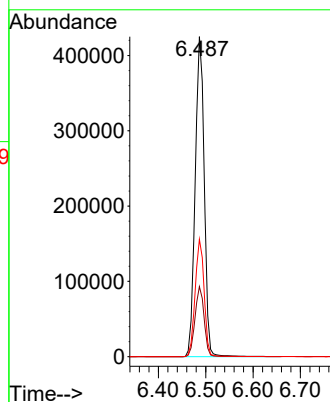
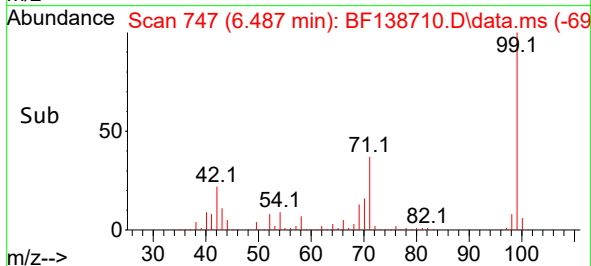


#7
Phenol-d6
Concen: 119.061 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138710.D
Acq: 31 Jul 2024 19:06

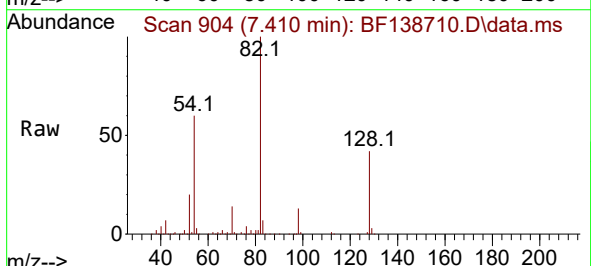
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste Class



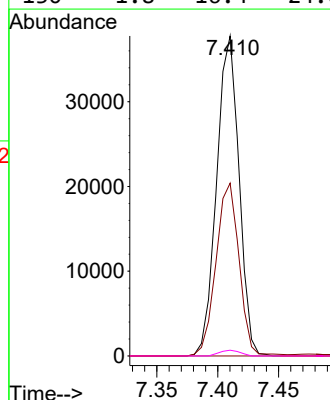
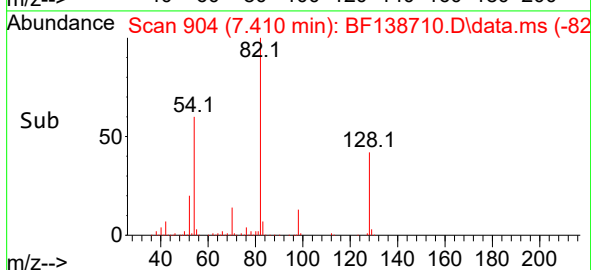
Tgt Ion: 99 Resp: 563999
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 36.7 28.1 42.1

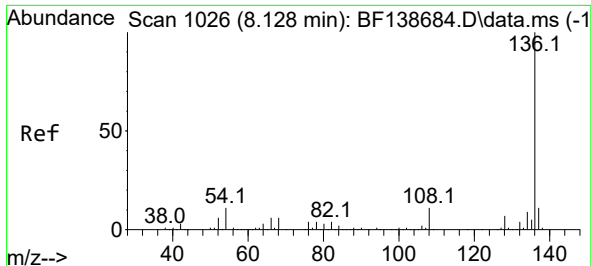


#19
n-Nitroso-di-n-propylamine
Concen: 16.883 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138710.D
Acq: 31 Jul 2024 19:06



Tgt Ion: 70 Resp: 48305
Ion Ratio Lower Upper
70 100
42 54.0 57.4 86.0#
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#

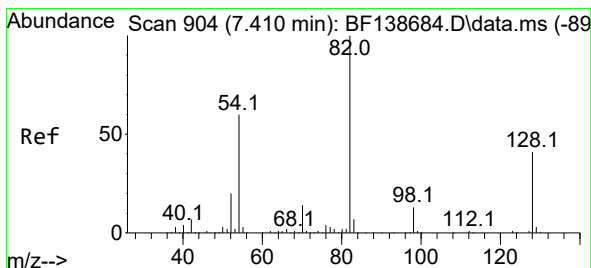
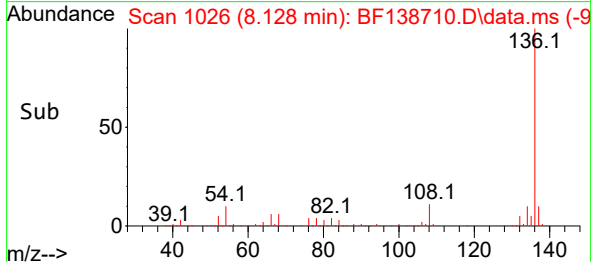
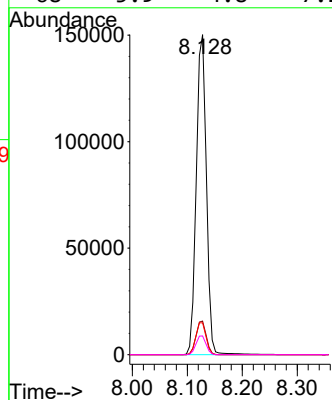
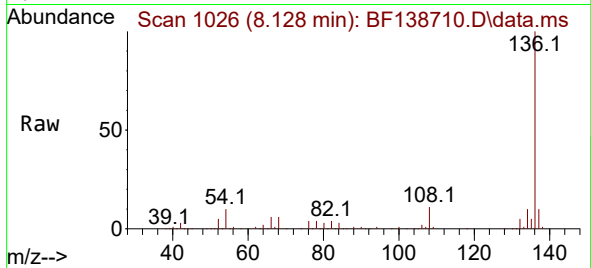




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF138710.D
Acq: 31 Jul 2024 19:06

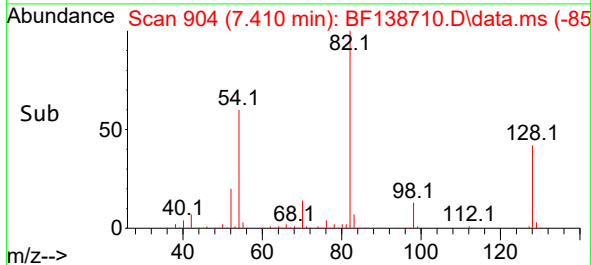
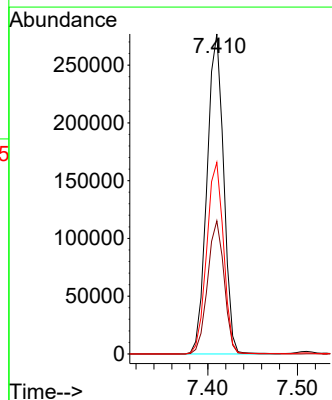
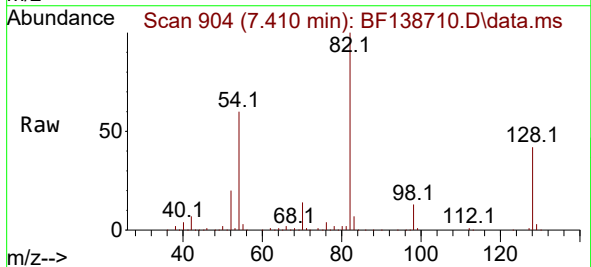
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste Class

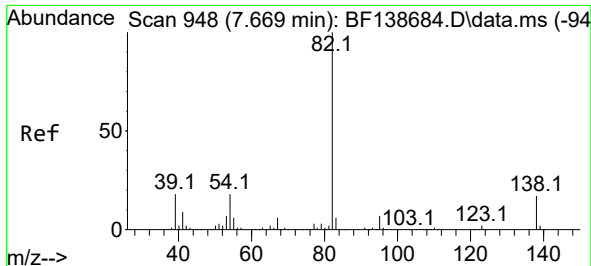
Tgt Ion:	136	Resp:	192031
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	10.0	8.6	12.8
68	5.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 90.919 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138710.D
Acq: 31 Jul 2024 19:06

Tgt Ion:	82	Resp:	357102
Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.8	49.2
54	59.9	48.3	72.5

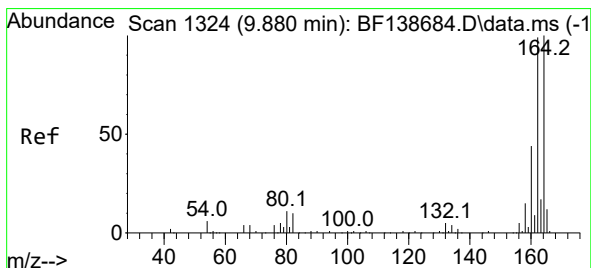
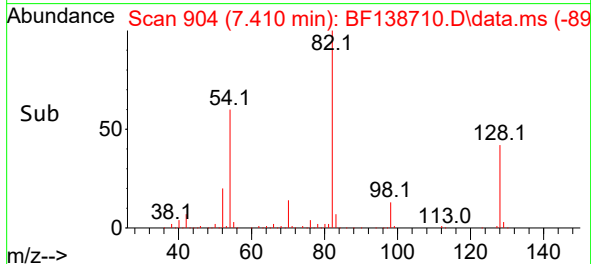
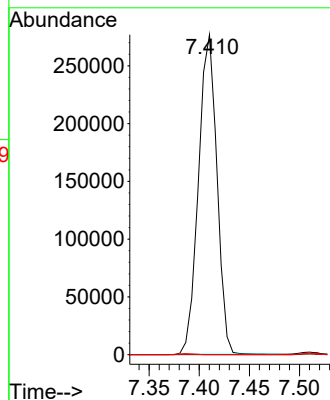
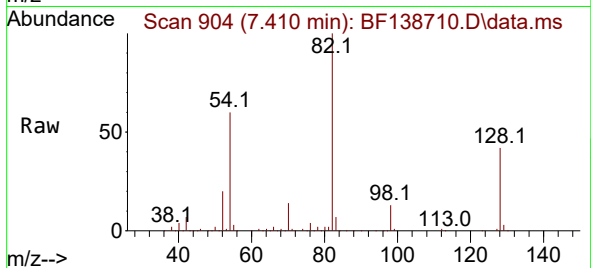




#25
Isophorone
Concen: 52.822 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138710.D
Acq: 31 Jul 2024 19:06

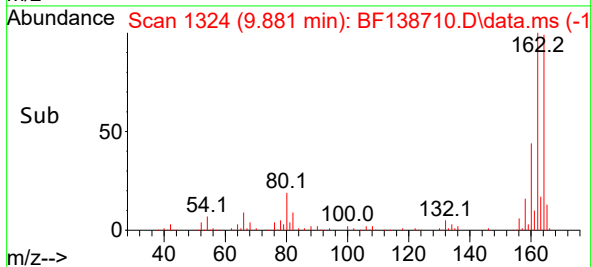
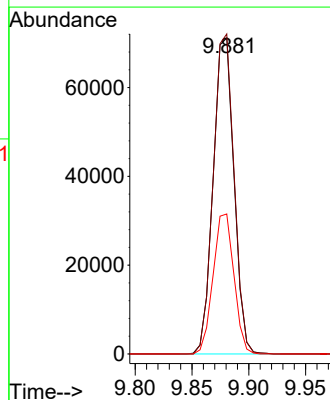
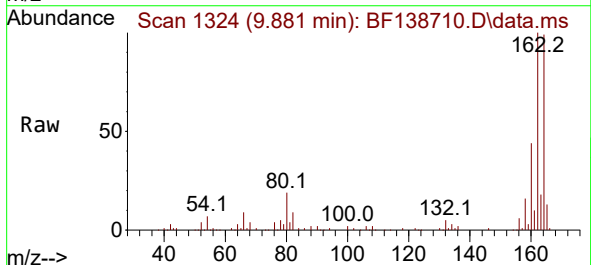
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste Class

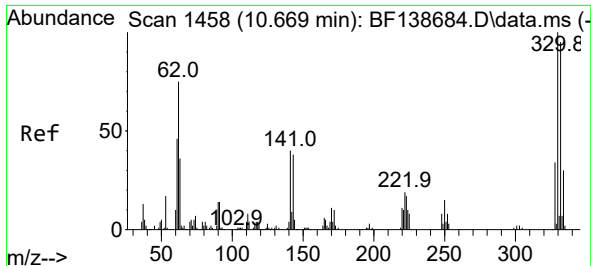
Tgt Ion: 82 Resp: 354262
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF138710.D
Acq: 31 Jul 2024 19:06

Tgt Ion:164 Resp: 90712
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.0
160 44.3 35.1 52.7

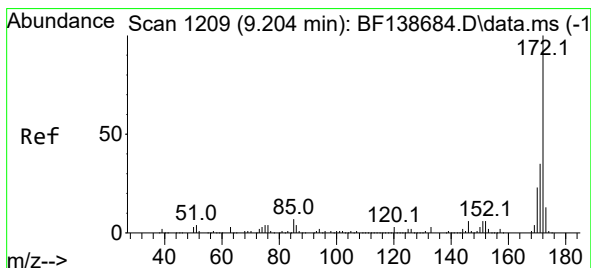
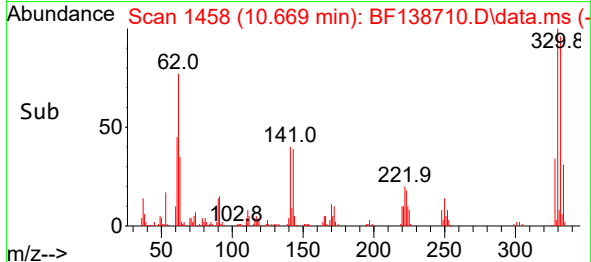
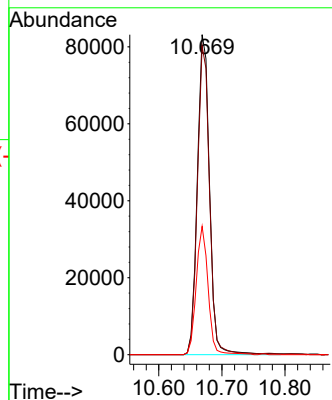
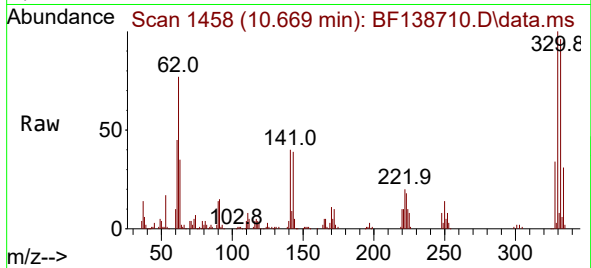




#42
2,4,6-Tribromophenol
Concen: 149.548 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138710.D
Acq: 31 Jul 2024 19:06

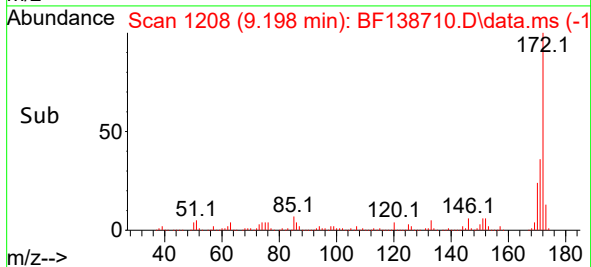
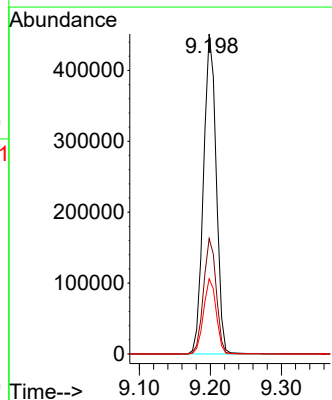
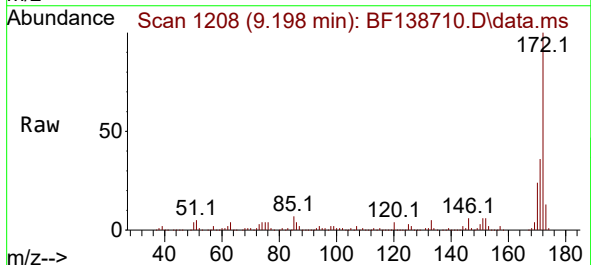
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste Class

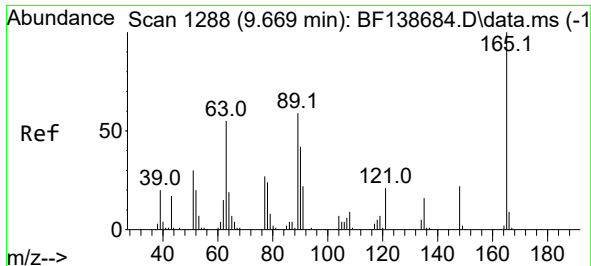
Tgt Ion:330 Resp: 111122
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 39.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 93.445 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138710.D
Acq: 31 Jul 2024 19:06

Tgt Ion:172 Resp: 564164
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.5 18.8 28.2

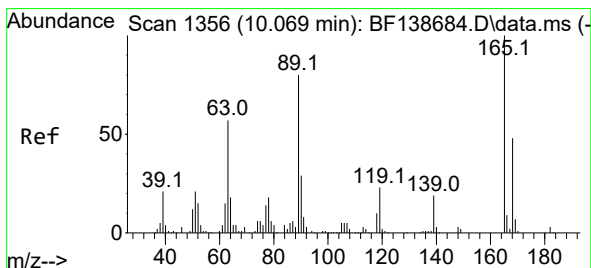
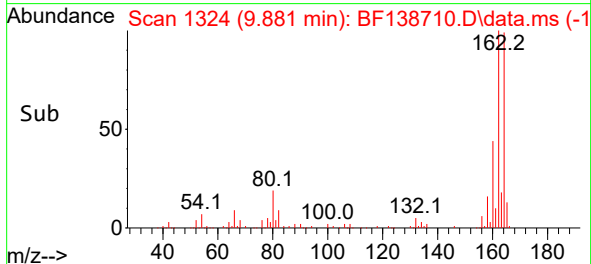
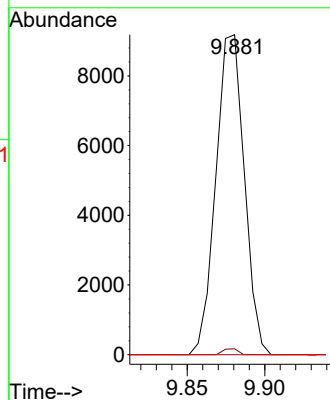
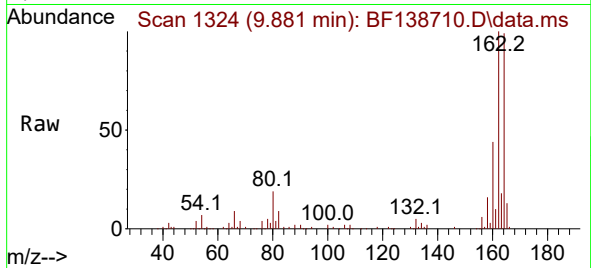




#51
2,6-Dinitrotoluene
Concen: 8.963 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138710.D
Acq: 31 Jul 2024 19:06

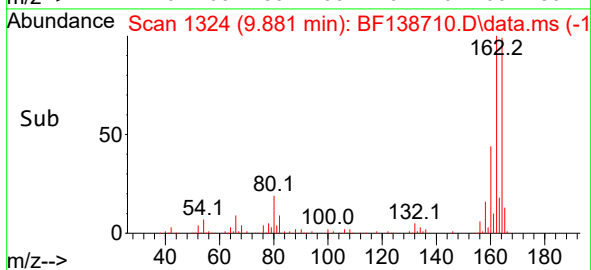
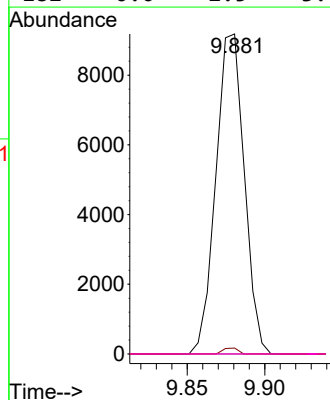
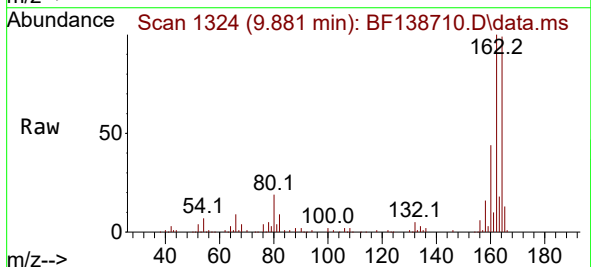
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste Class

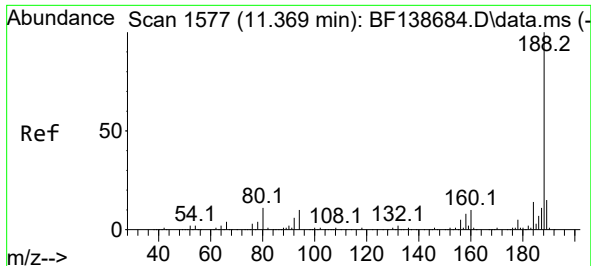
Tgt Ion:165 Resp: 11732
Ion Ratio Lower Upper
165 100
63 1.9 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.025 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF138710.D
Acq: 31 Jul 2024 19:06

Tgt Ion:165 Resp: 11732
Ion Ratio Lower Upper
165 100
63 1.9 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#

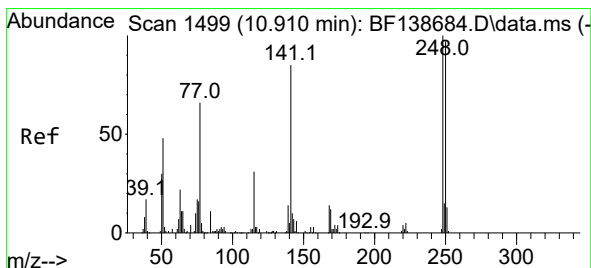
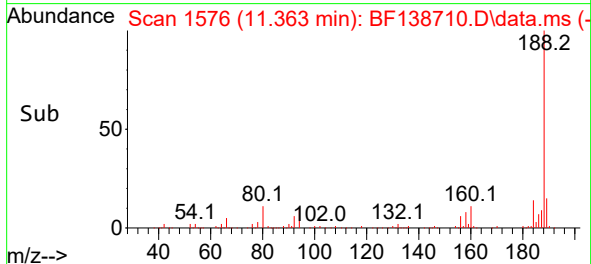
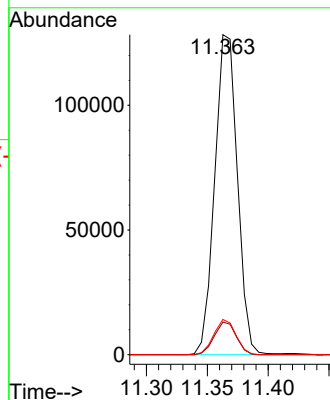
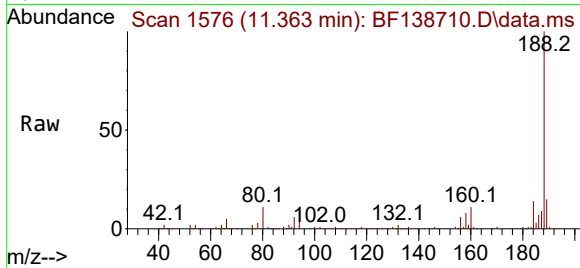




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138710.D
Acq: 31 Jul 2024 19:06

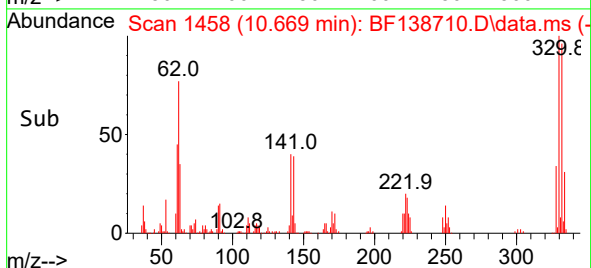
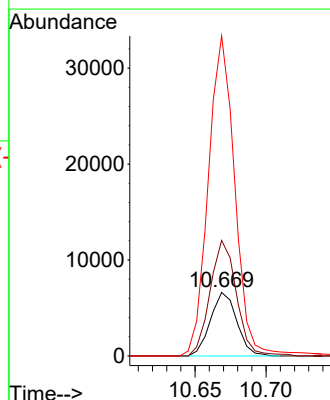
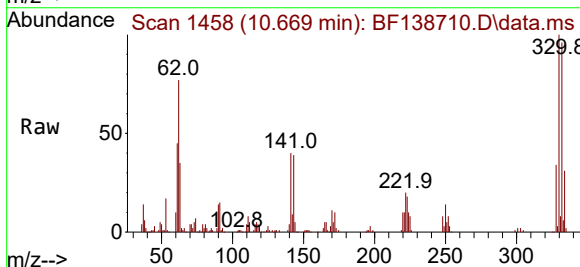
Instrument :
BNA_F
ClientSampleId :
WC-9-Full Waste Class

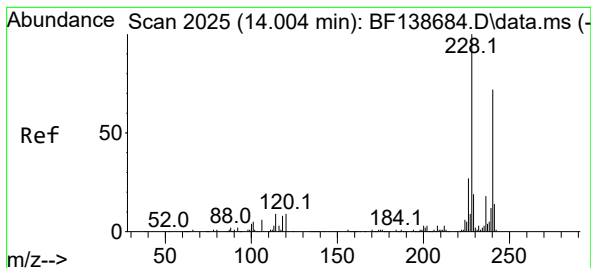
Tgt Ion:188 Resp: 166127
Ion Ratio Lower Upper
188 100
94 10.2 7.6 11.4
80 11.0 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 4.756 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138710.D
Acq: 31 Jul 2024 19:06

Tgt Ion:248 Resp: 8554
Ion Ratio Lower Upper
248 100
250 181.8 77.7 116.5#
141 503.3 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138710.D

Acq: 31 Jul 2024 19:06

Instrument :

BNA_F

ClientSampleId :

WC-9-Full Waste Class

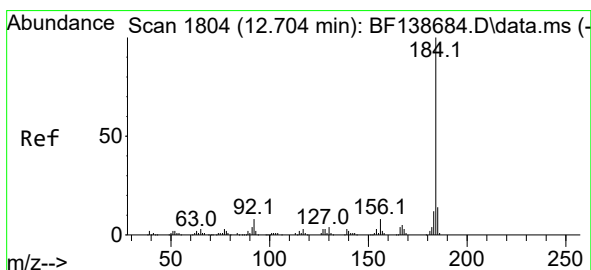
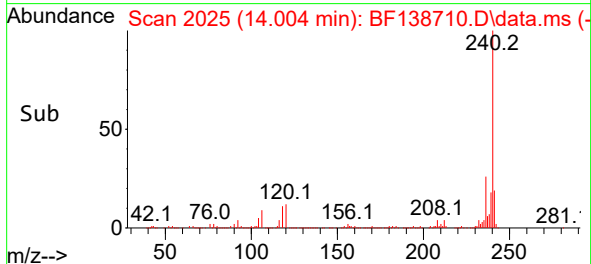
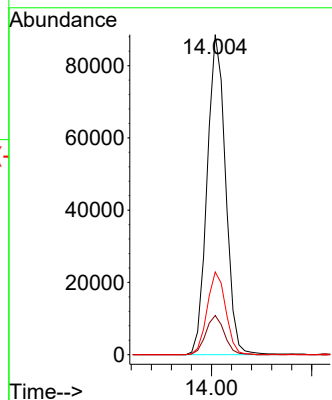
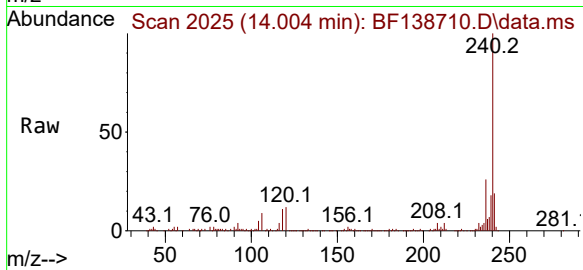
Tgt Ion:240 Resp: 112809

Ion Ratio Lower Upper

240 100

120 12.2 10.2 15.4

236 25.9 19.8 29.8



#77

Benzidine

Concen: 3.672 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.247 min

Lab File: BF138710.D

Acq: 31 Jul 2024 19:06

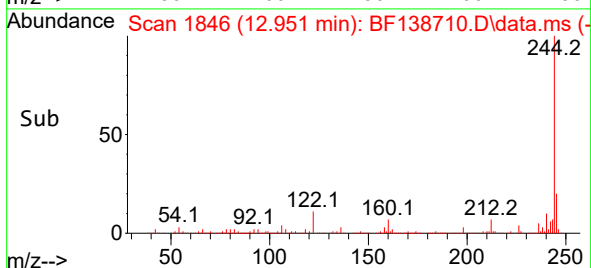
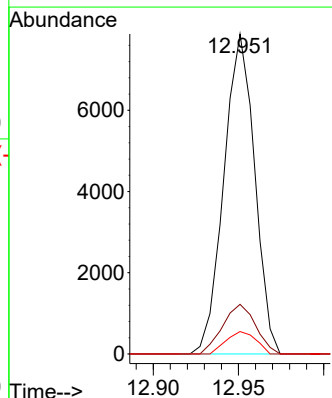
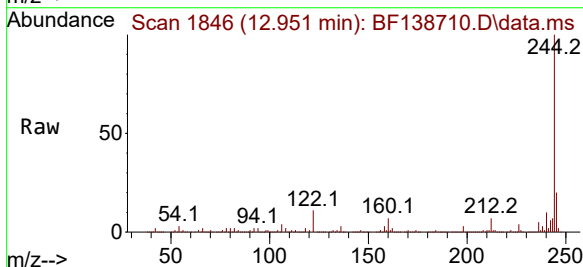
Tgt Ion:184 Resp: 9909

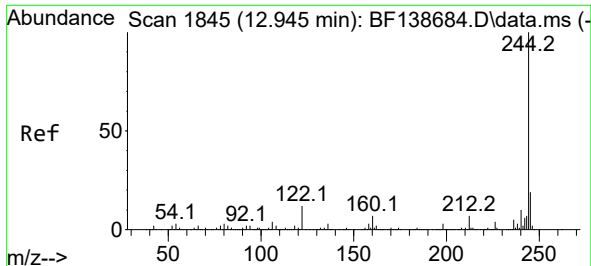
Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

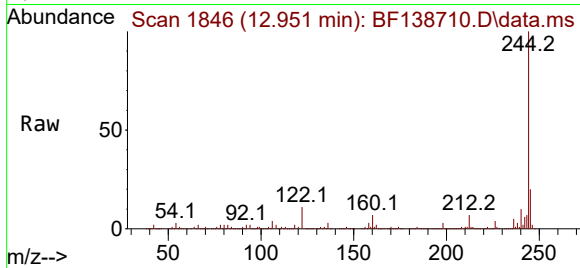
183 7.0 9.6 14.4#



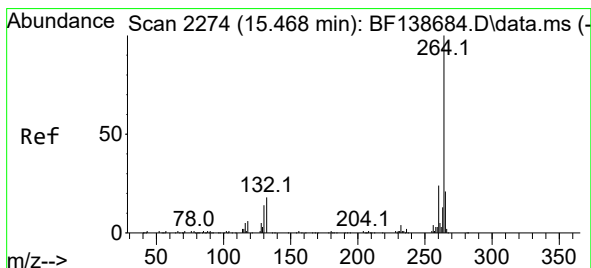
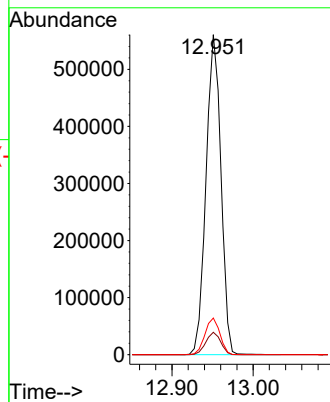
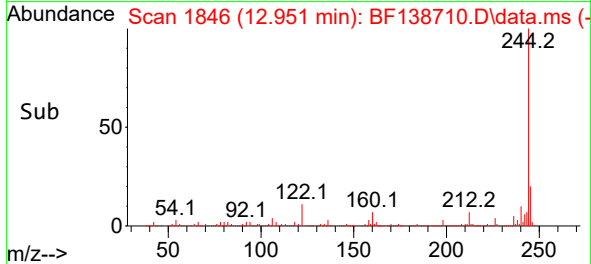


#79
 Terphenyl-d14
 Concen: 105.828 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138710.D
 Acq: 31 Jul 2024 19:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-9-Full Waste Class



Tgt Ion:244 Resp: 713049
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.5 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: BF138710.D
 Acq: 31 Jul 2024 19:06

Tgt Ion:264 Resp: 86732
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.9 17.0 25.6

