

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138711.D
 Acq On : 31 Jul 2024 19:37
 Operator : RC/JU
 Sample : P3387-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-10-TCLP VOC

Quant Time: Aug 01 04:33:50 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)

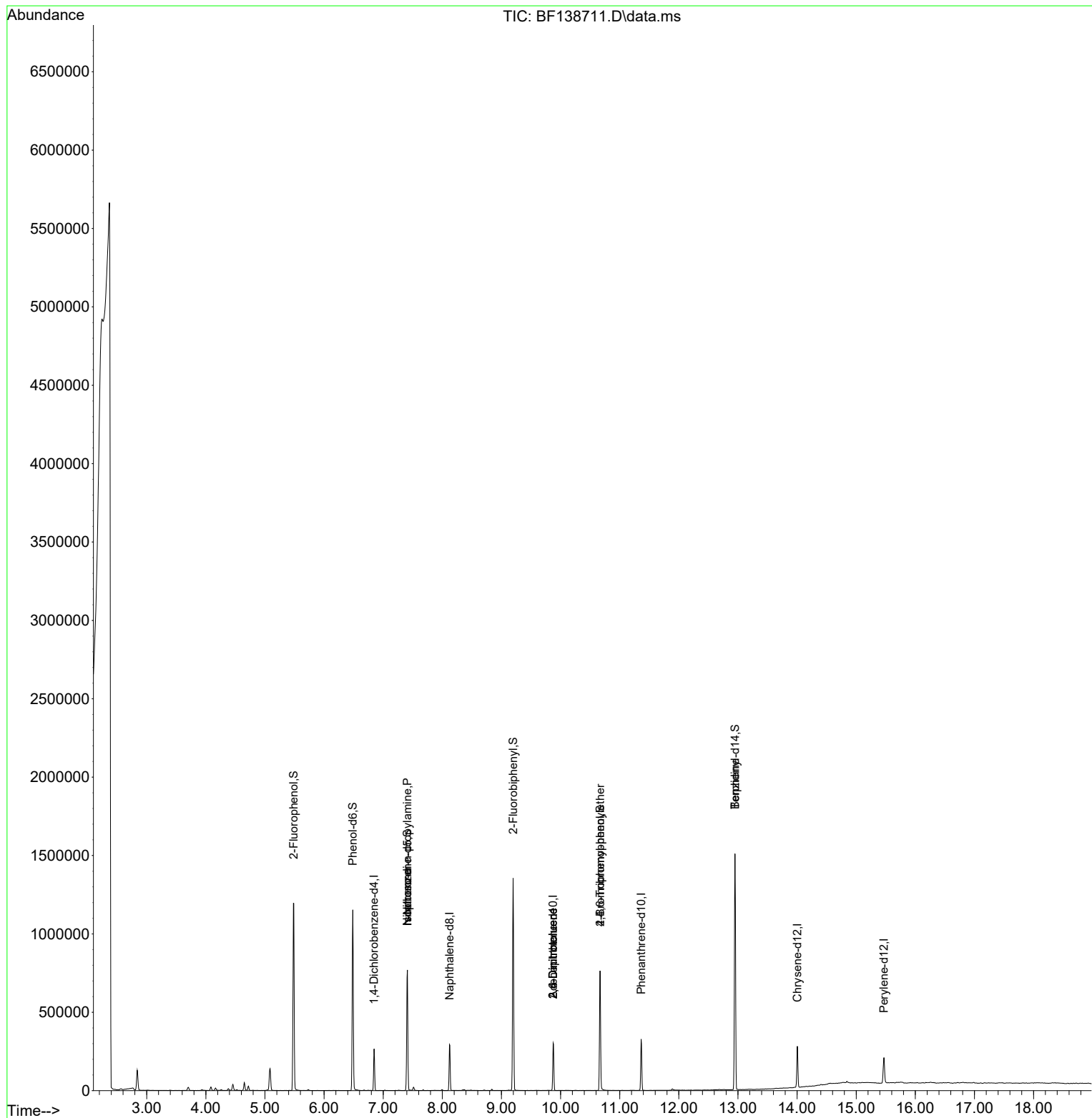
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	48868	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	180418	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	89138	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	166502	20.000	ng	0.00
76) Chrysene-d12	14.004	240	112470	20.000	ng	0.00
86) Perylene-d12	15.468	264	88831	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	421893	133.268	ng	0.02
7) Phenol-d6	6.487	99	507094	119.307	ng	0.00
23) Nitrobenzene-d5	7.410	82	332208	90.025	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	111564	152.794	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	554326	93.436	ng	0.00
79) Terphenyl-d14	12.951	244	700768	104.319	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	45961	17.904	ng	# 74
25) Isophorone	7.410	82	332201	52.721	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	11868	9.227	ng	# 19
57) 2,4-Dinitrotoluene	9.875	165	11868	7.232	ng	# 16
67) 4-Bromophenyl-phenylether	10.669	248	7976	4.424	ng	# 1
77) Benzidine	12.951	184	10017	3.724	ng	# 91

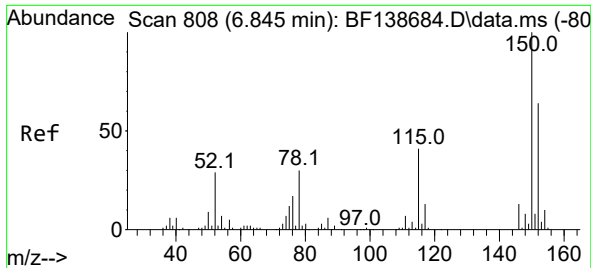
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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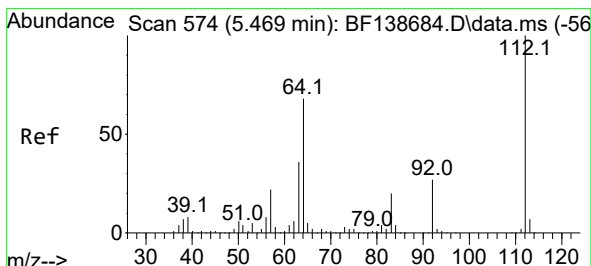
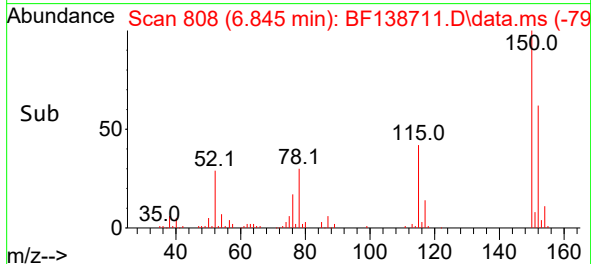
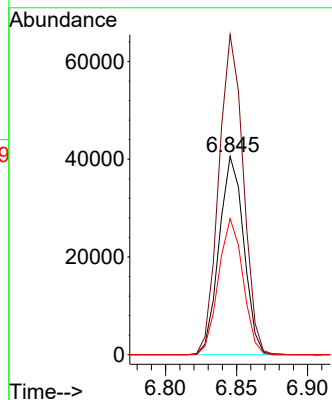
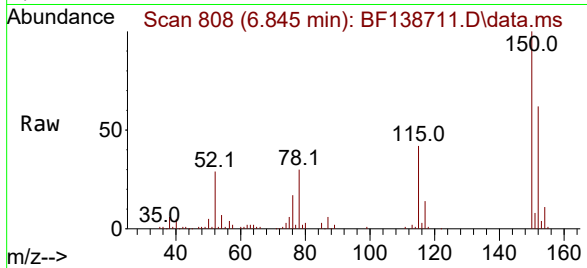




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

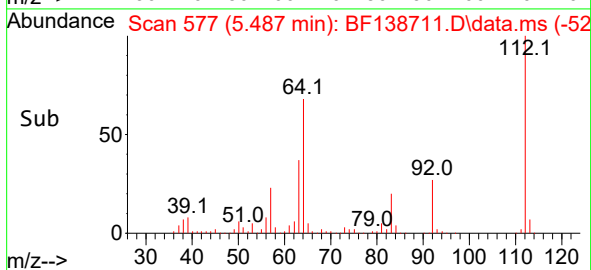
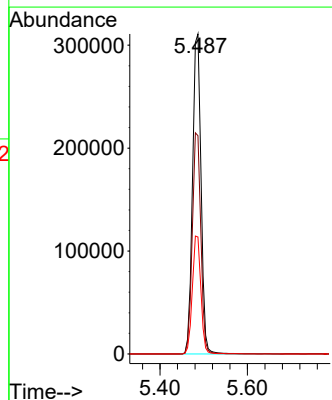
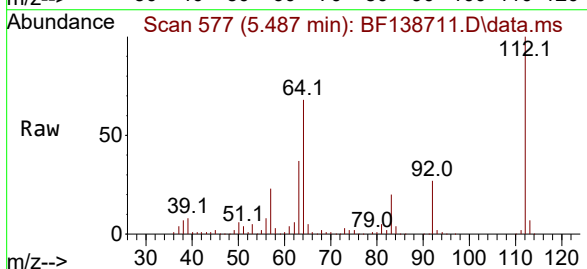
Instrument :
BNA_F
ClientSampleId :
WC-10-TCLP VOC

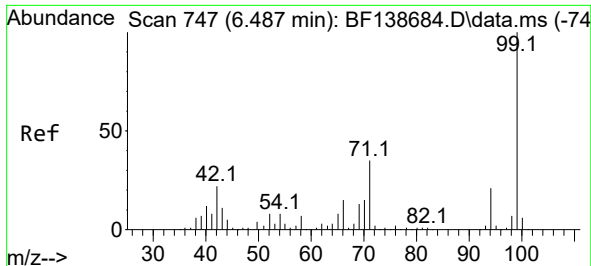
Tgt Ion:152 Resp: 48868
Ion Ratio Lower Upper
152 100
150 161.5 126.0 189.0
115 68.6 51.7 77.5



#5
2-Fluorophenol
Concen: 133.268 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

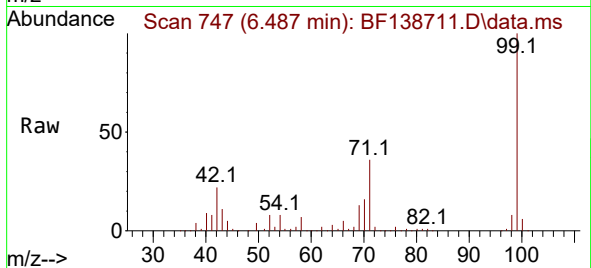
Tgt Ion:112 Resp: 421893
Ion Ratio Lower Upper
112 100
64 68.2 54.2 81.4
63 36.6 28.7 43.1



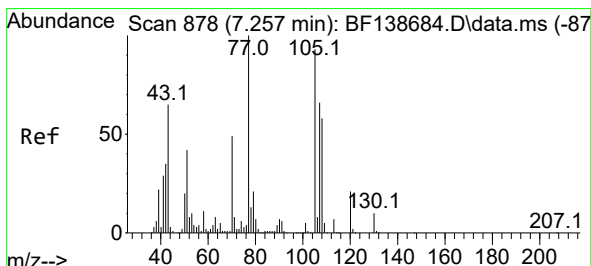
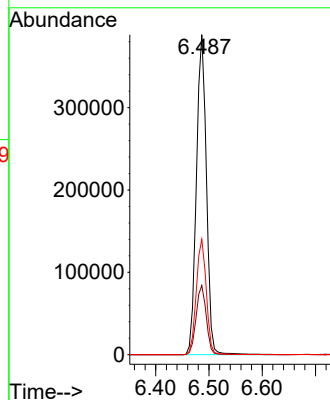
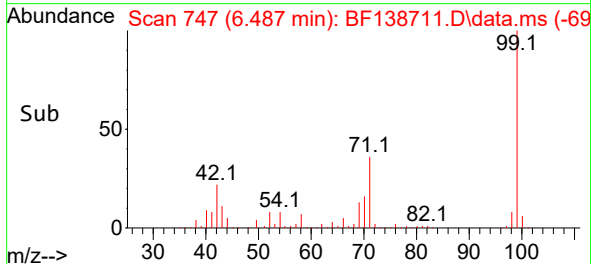


#7
Phenol-d6
Concen: 119.307 ng
RT: 6.487 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

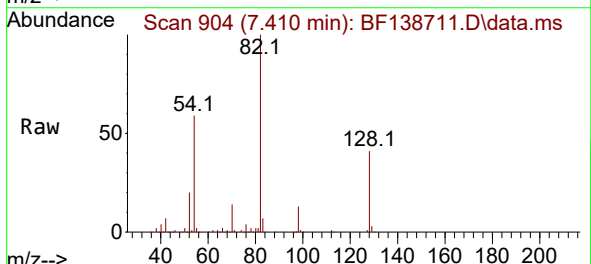
Instrument :
BNA_F
ClientSampleId :
WC-10-TCLP VOC



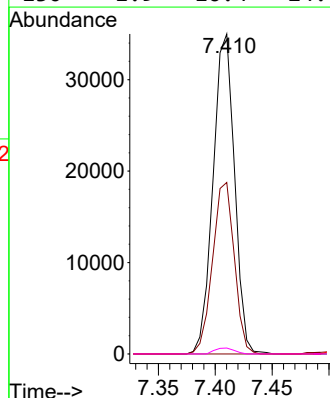
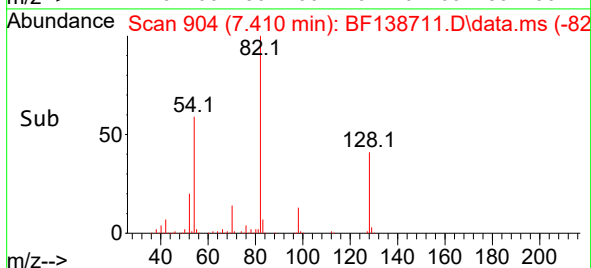
Tgt Ion: 99 Resp: 507094
Ion Ratio Lower Upper
99 100
42 21.7 17.4 26.0
71 36.1 28.1 42.1

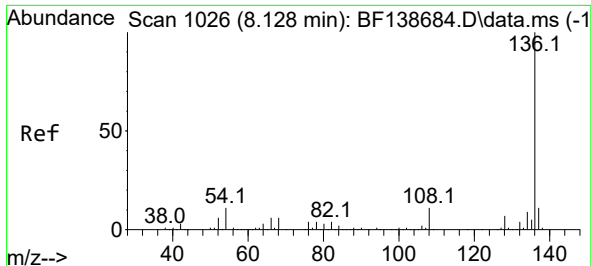


#19
n-Nitroso-di-n-propylamine
Concen: 17.904 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37



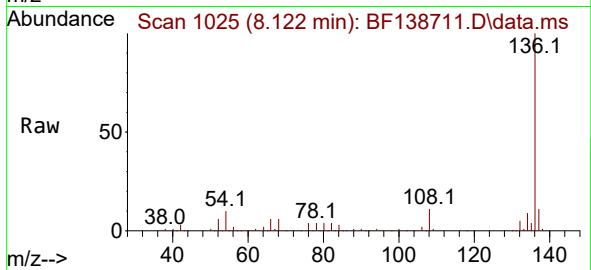
Tgt Ion: 70 Resp: 45961
Ion Ratio Lower Upper
70 100
42 53.6 57.4 86.0#
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



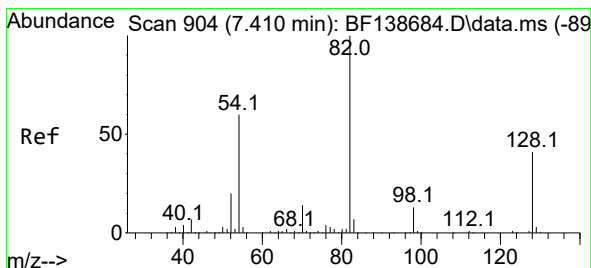
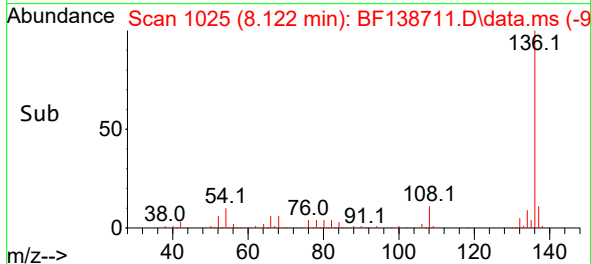
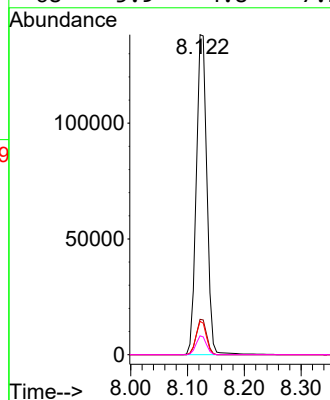


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

Instrument :
BNA_F
ClientSampleId :
WC-10-TCLP VOC

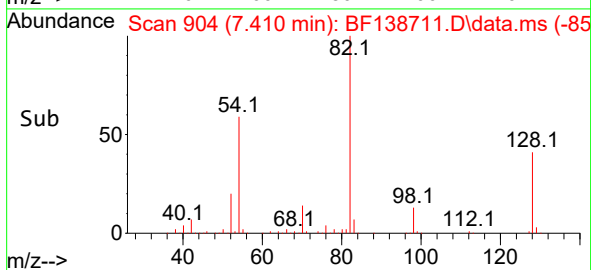
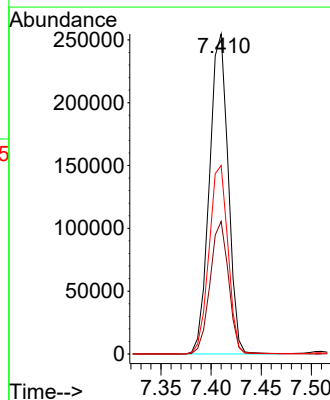
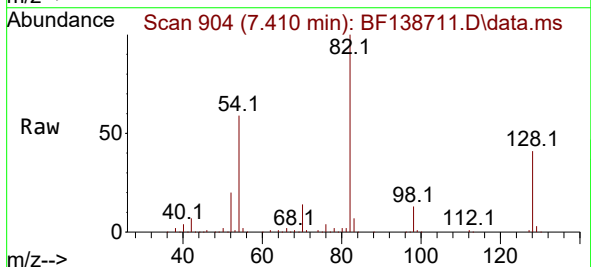


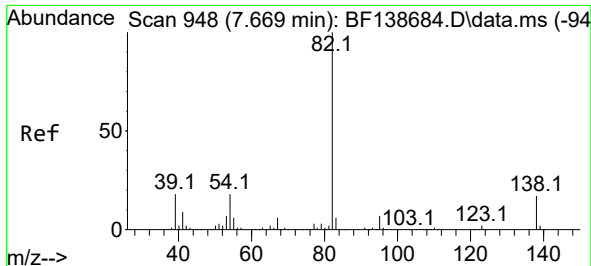
Tgt Ion:136 Resp: 180418
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.4 8.6 12.8
68 5.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 90.025 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

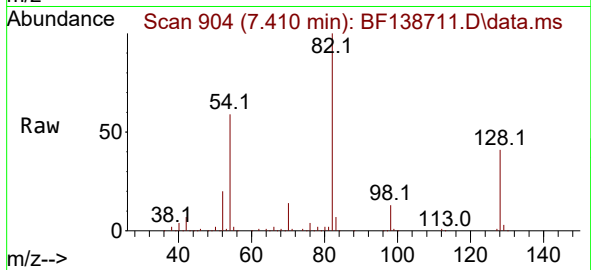
Tgt Ion: 82 Resp: 332208
Ion Ratio Lower Upper
82 100
128 41.4 32.8 49.2
54 58.9 48.3 72.5



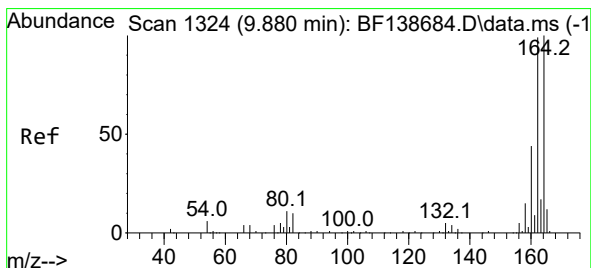
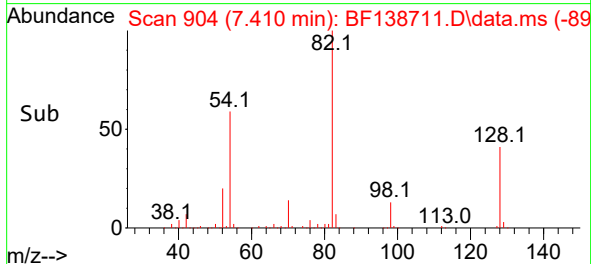
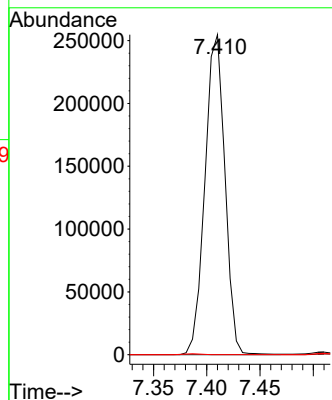


#25
Isophorone
Concen: 52.721 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

Instrument :
BNA_F
ClientSampleId :
WC-10-TCLP VOC

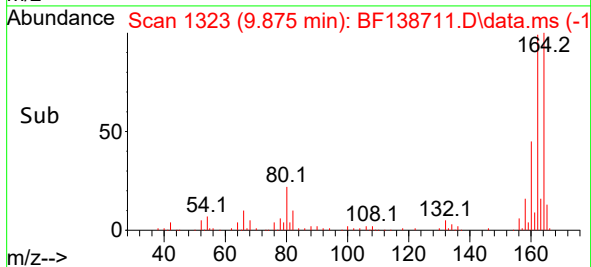
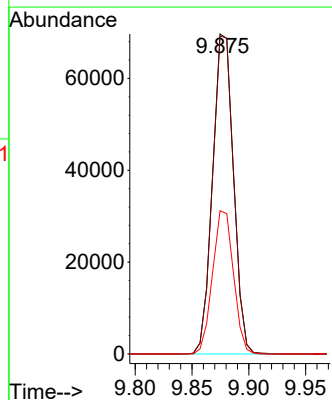
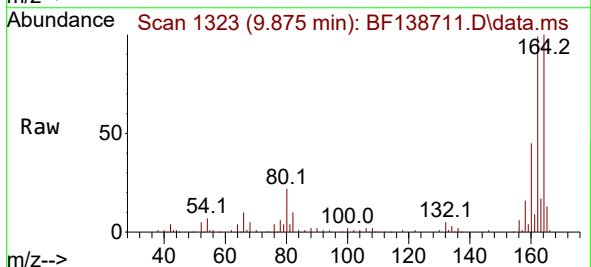


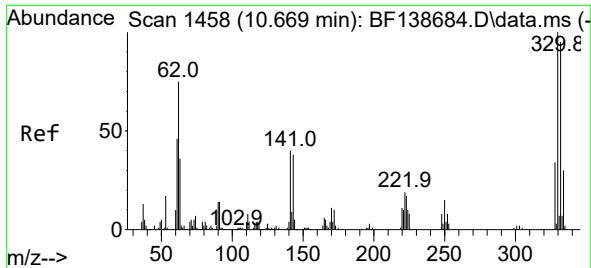
Tgt Ion: 82 Resp: 332201
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

Tgt Ion: 164 Resp: 89138
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.0
160 44.8 35.1 52.7

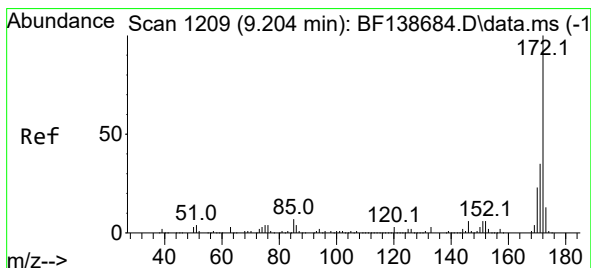
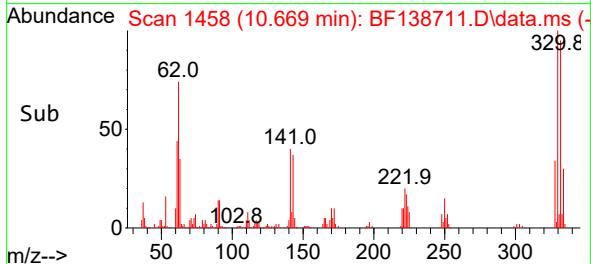
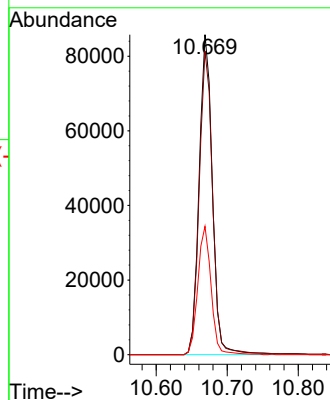
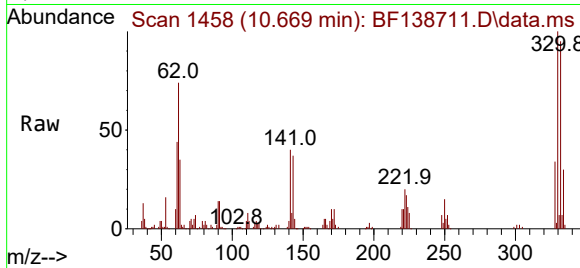




#42
2,4,6-Tribromophenol
Concen: 152.794 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

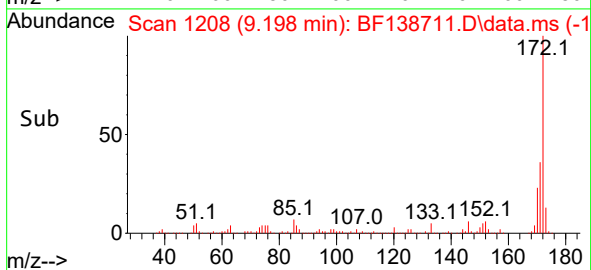
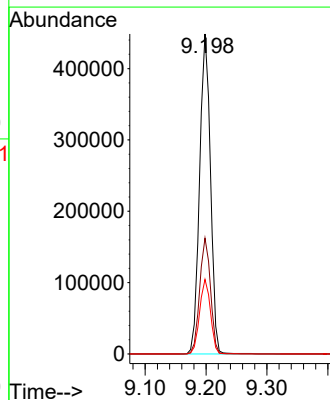
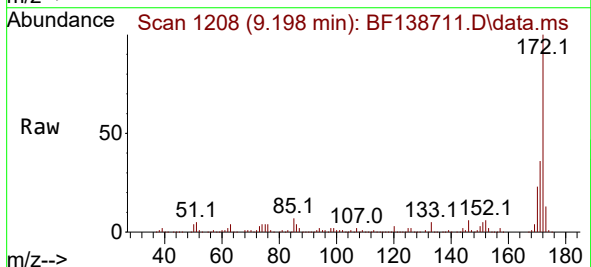
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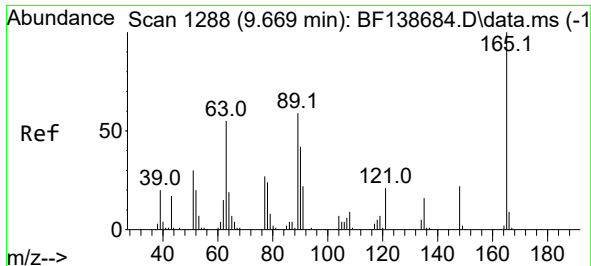
Tgt Ion: 330 Resp: 111564
Ion Ratio Lower Upper
330 100
332 96.4 76.4 114.6
141 40.2 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 93.436 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

Tgt Ion: 172 Resp: 554326
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.3 18.8 28.2

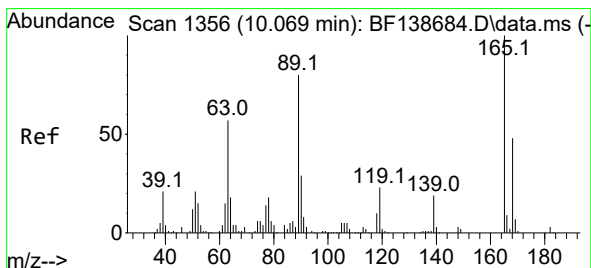
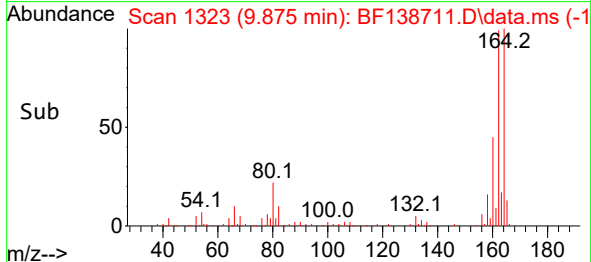
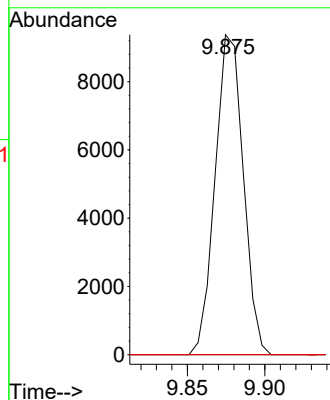
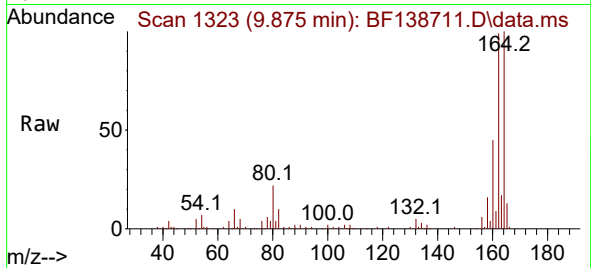




#51
2,6-Dinitrotoluene
Concen: 9.227 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

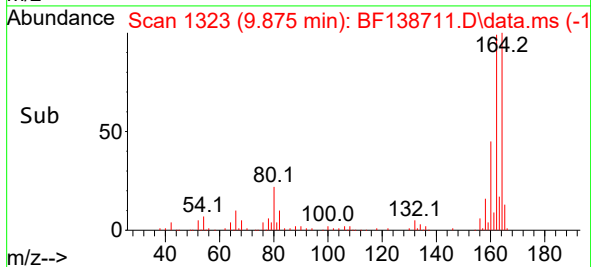
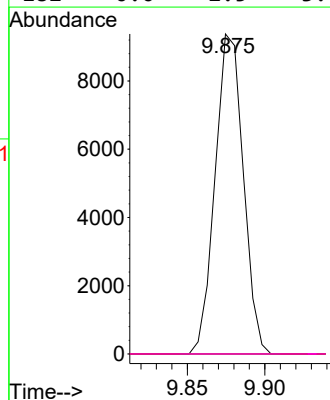
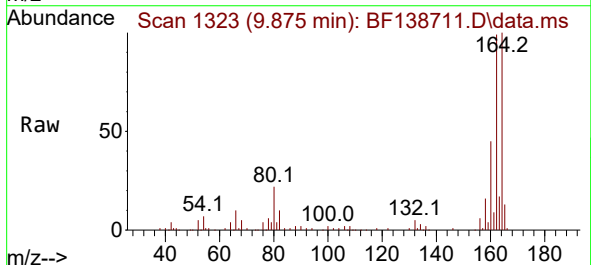
Instrument :
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ClientSampleId :
WC-10-TCLP VOC

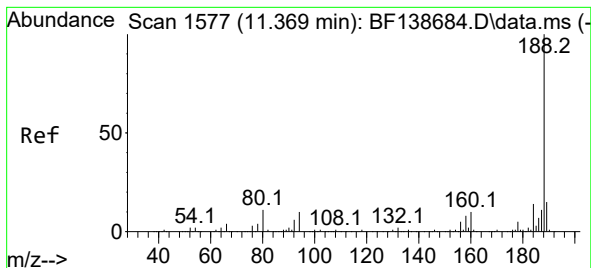
Tgt Ion:165 Resp: 11868
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.232 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

Tgt Ion:165 Resp: 11868
Ion Ratio Lower Upper
165 100
63 0.0 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: BF138711.D

Acq: 31 Jul 2024 19:37

Instrument :

BNA_F

ClientSampleId :

WC-10-TCLP VOC

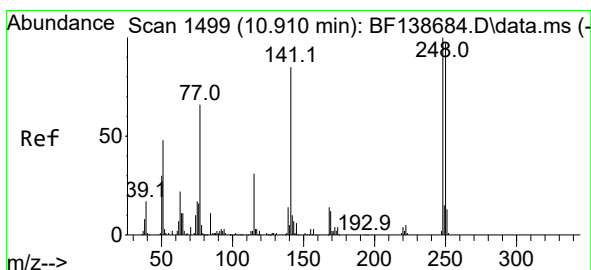
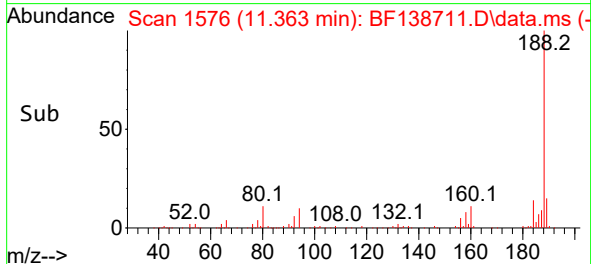
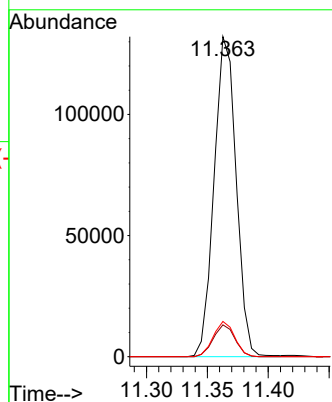
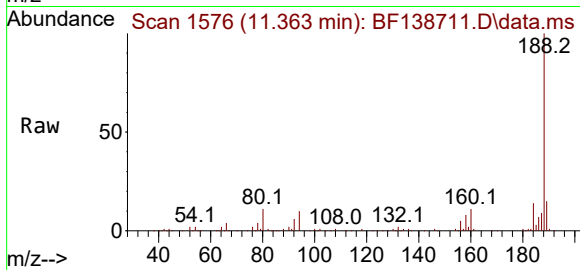
Tgt Ion:188 Resp: 166502

Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 11.0 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.424 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138711.D

Acq: 31 Jul 2024 19:37

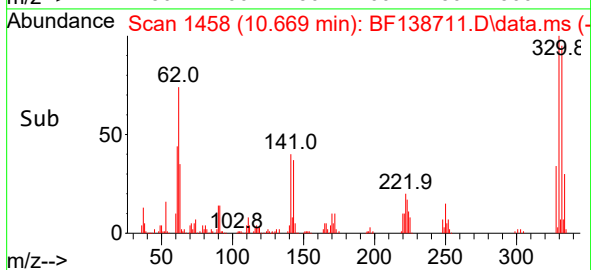
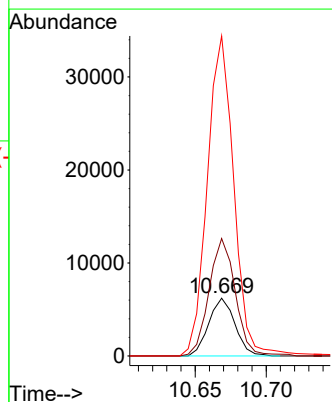
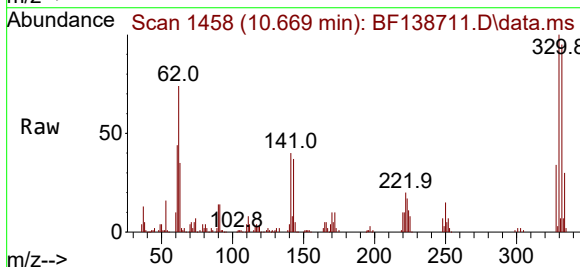
Tgt Ion:248 Resp: 7976

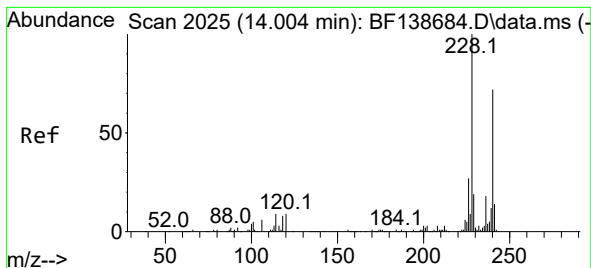
Ion Ratio Lower Upper

248 100

250 203.0 77.7 116.5#

141 553.5 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138711.D

Acq: 31 Jul 2024 19:37

Instrument :

BNA_F

ClientSampleId :

WC-10-TCLP VOC

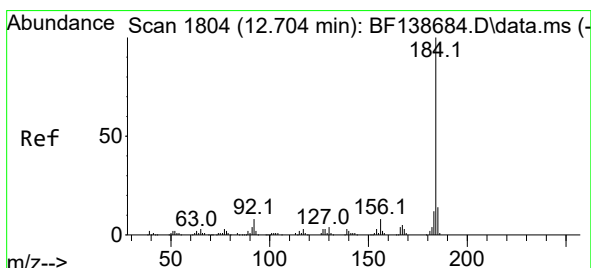
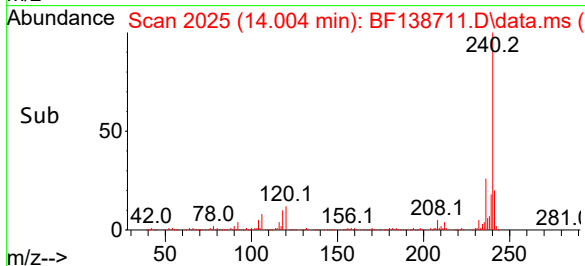
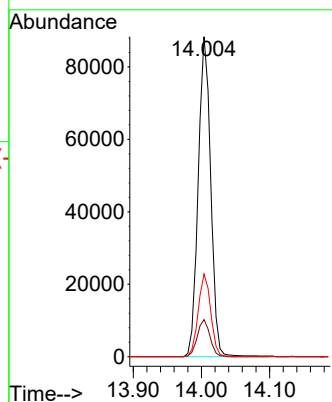
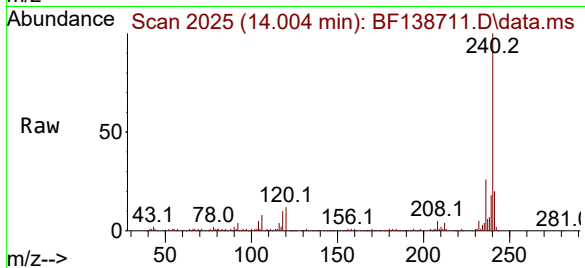
Tgt Ion:240 Resp: 112470

Ion Ratio Lower Upper

240 100

120 11.6 10.2 15.4

236 25.8 19.8 29.8



#77

Benzidine

Concen: 3.724 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.247 min

Lab File: BF138711.D

Acq: 31 Jul 2024 19:37

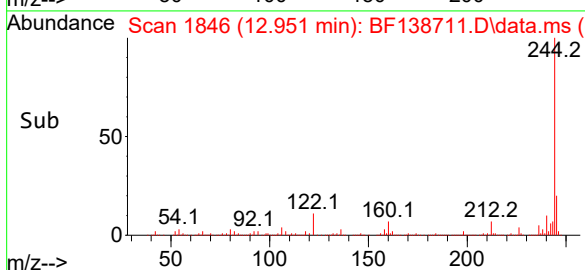
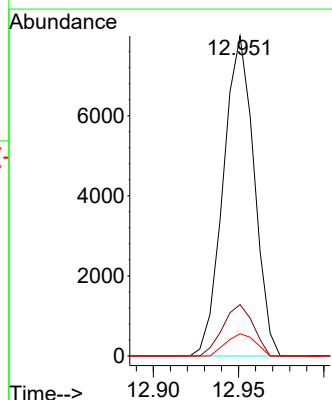
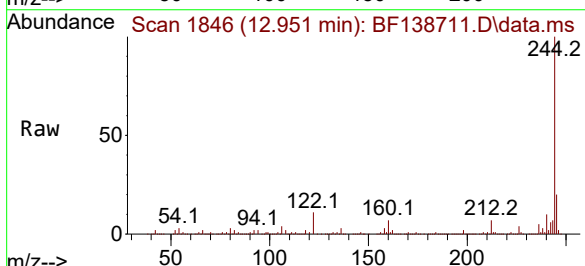
Tgt Ion:184 Resp: 10017

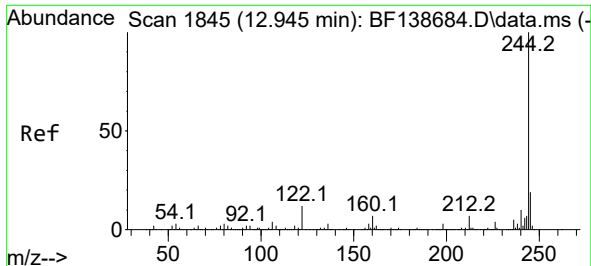
Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

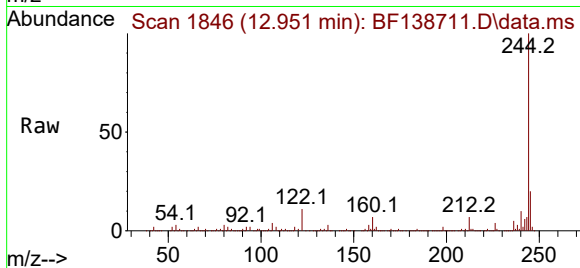
183 7.0 9.6 14.4#



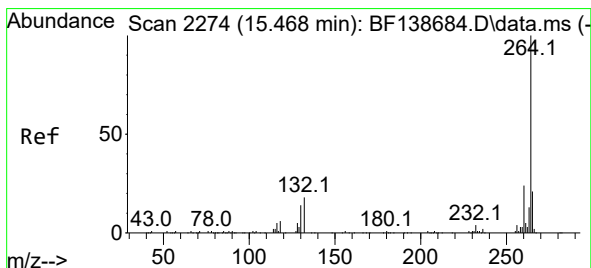
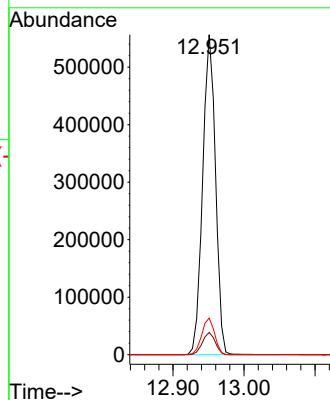
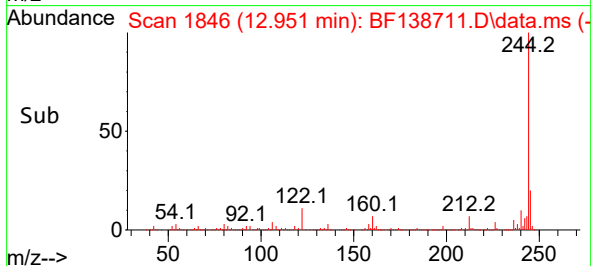


#79
 Terphenyl-d14
 Concen: 104.319 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138711.D
 Acq: 31 Jul 2024 19:37

Instrument :
 BNA_F
 ClientSampleId :
 WC-10-TCLP VOC



Tgt Ion:244 Resp: 700768
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.4 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: BF138711.D
 Acq: 31 Jul 2024 19:37

Tgt Ion:264 Resp: 88831
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.1 17.0 25.6

