

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138709.D
 Acq On : 31 Jul 2024 18:35
 Operator : RC/JU
 Sample : P3376-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-TCLP VOC

Quant Time: Jul 31 18:58:38 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)

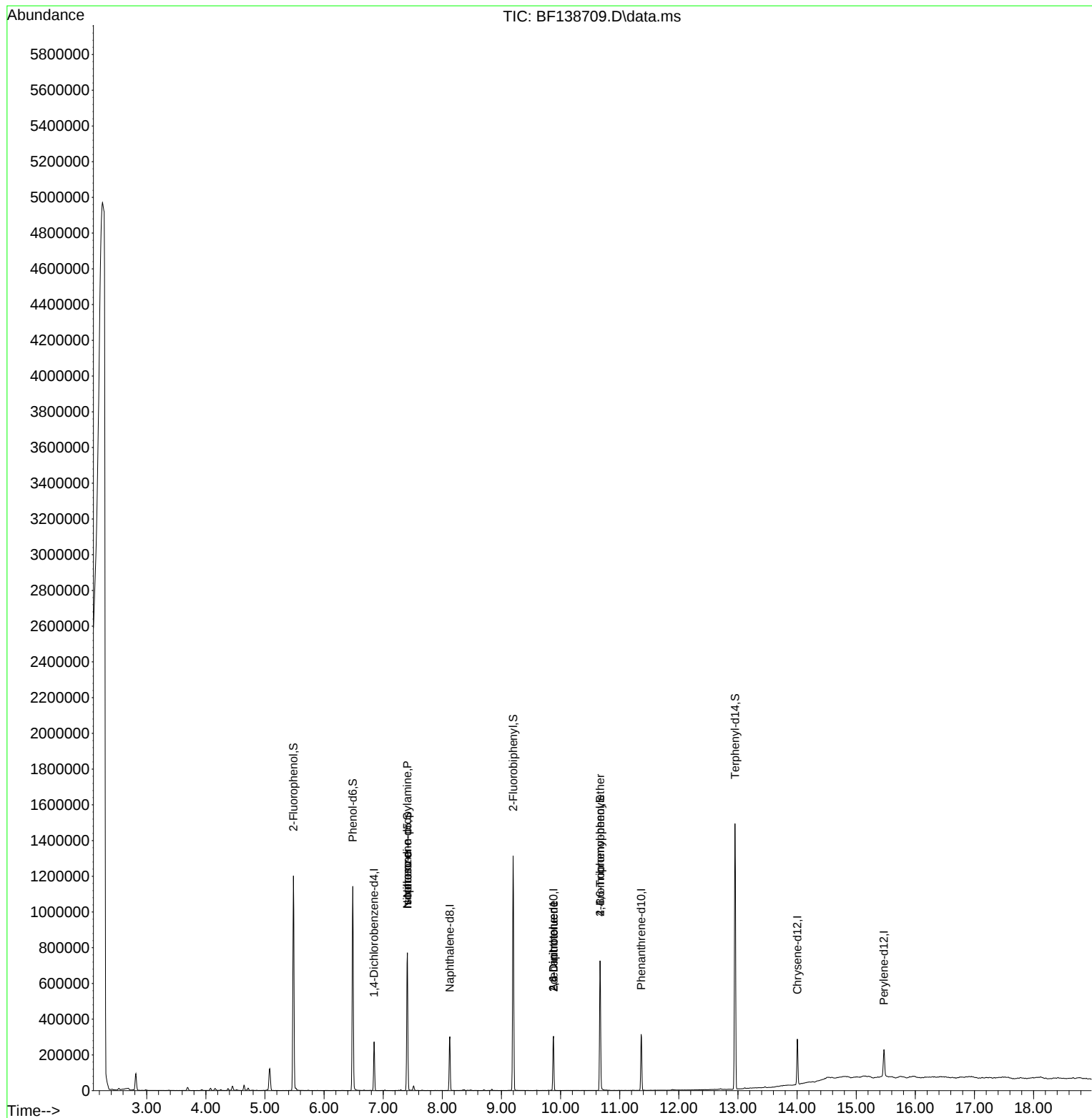
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	51831	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	182712	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	88721	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	160672	20.000	ng	0.00
76) Chrysene-d12	14.004	240	110901	20.000	ng	0.00
86) Perylene-d12	15.468	264	84855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	402995	120.022	ng	0.01
7) Phenol-d6	6.487	99	503819	111.760	ng	0.00
23) Nitrobenzene-d5	7.410	82	331528	88.713	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	106794	146.949	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	538100	91.128	ng	0.00
79) Terphenyl-d14	12.951	244	690286	104.212	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	44648	16.398	ng	# 75
25) Isophorone	7.410	82	328470	51.474	ng	# 66
51) 2,6-Dinitrotoluene	9.880	165	11075	8.650	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	11075	6.780	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	7794	4.480	ng	# 1

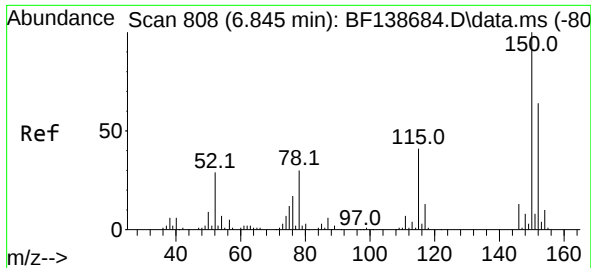
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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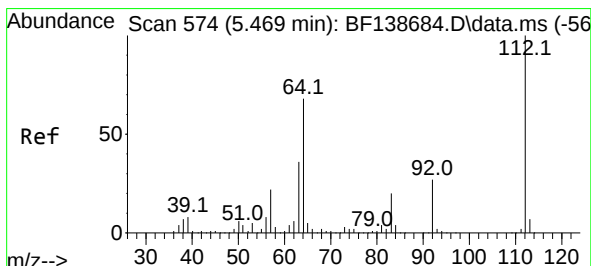
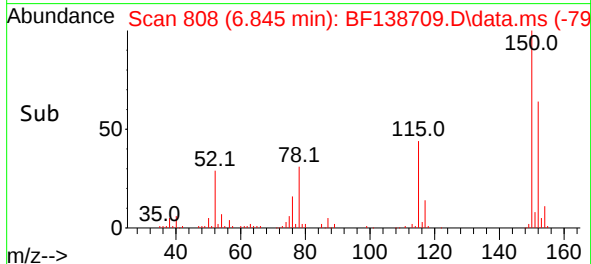
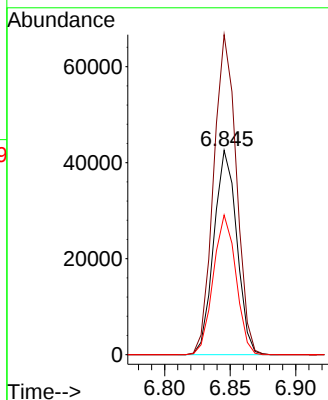
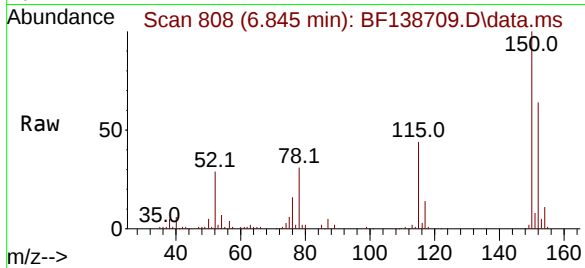




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138709.D
Acq: 31 Jul 2024 18:35

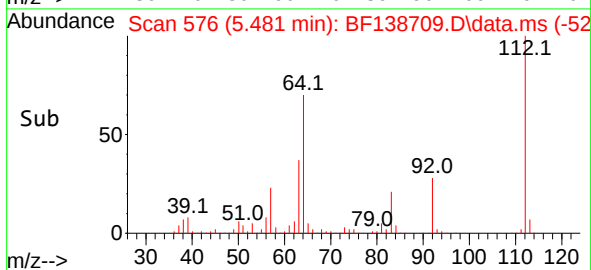
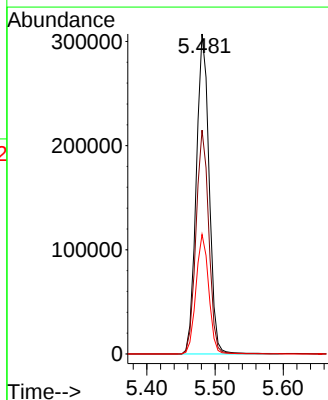
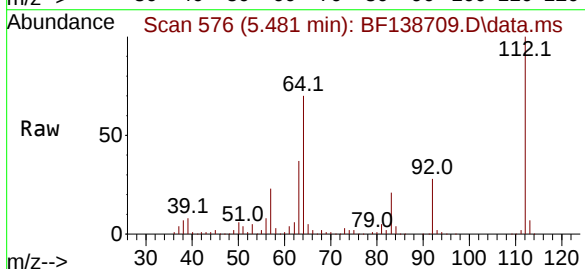
Instrument :
BNA_F
ClientSampleId :
WC-8-TCLP VOC

Tgt Ion:152 Resp: 51831
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 68.4 51.7 77.5



#5
2-Fluorophenol
Concen: 120.022 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138709.D
Acq: 31 Jul 2024 18:35

Tgt Ion:112 Resp: 402995
Ion Ratio Lower Upper
112 100
64 70.0 54.2 81.4
63 37.3 28.7 43.1

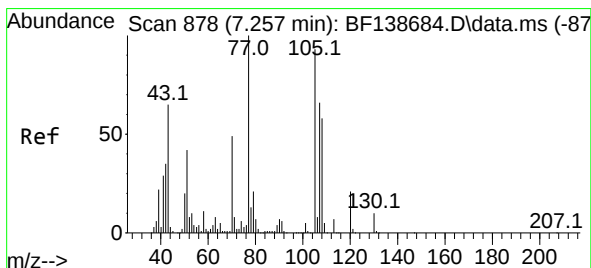
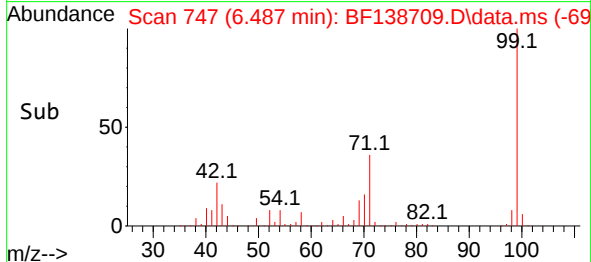
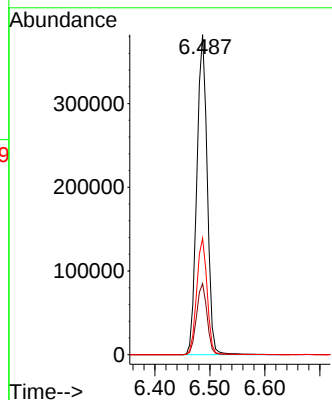
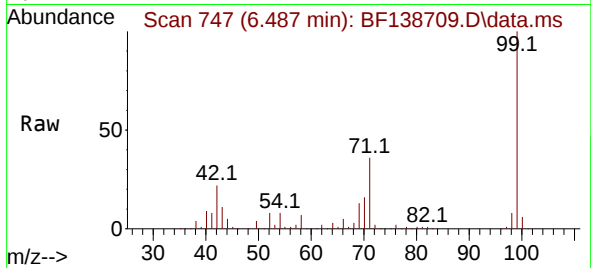




#7
Phenol-d6
Concen: 111.760 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138709.D
Acq: 31 Jul 2024 18:35

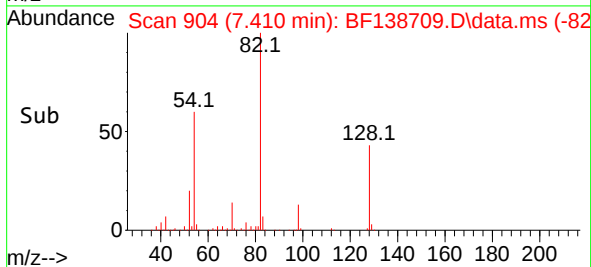
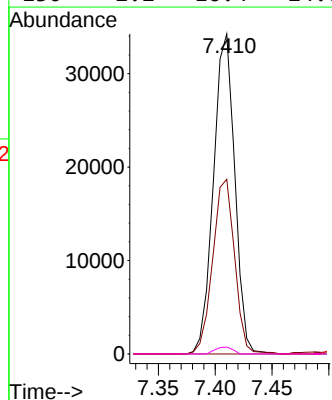
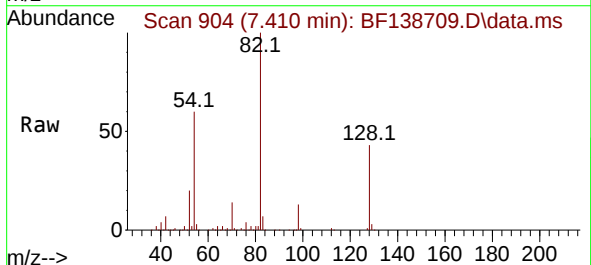
Instrument :
BNA_F
ClientSampleId :
WC-8-TCLP VOC

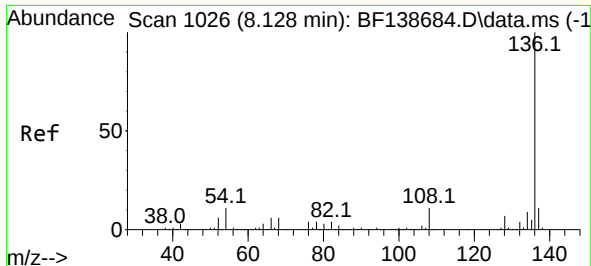
Tgt Ion: 99 Resp: 503819
Ion Ratio Lower Upper
99 100
42 22.2 17.4 26.0
71 36.4 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 16.398 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138709.D
Acq: 31 Jul 2024 18:35

Tgt Ion: 70 Resp: 44648
Ion Ratio Lower Upper
70 100
42 54.6 57.4 86.0#
101 0.0 7.5 11.3#
130 2.2 16.4 24.6#



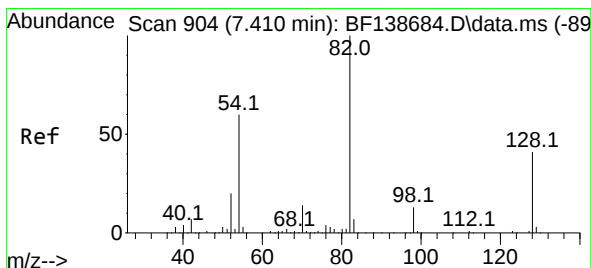
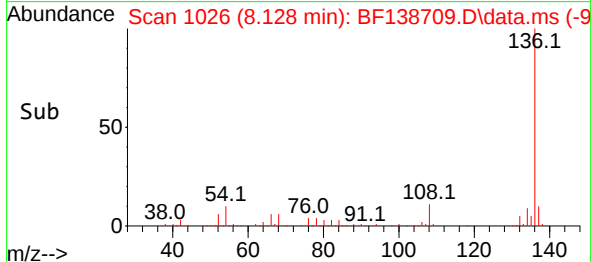
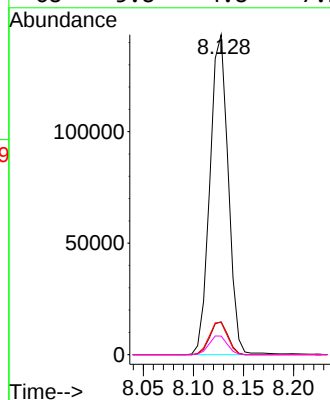
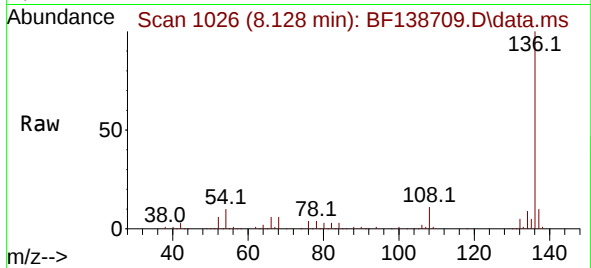


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138709.D
Acq: 31 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
WC-8-TCLP VOC

Tgt Ion:136 Resp: 182712

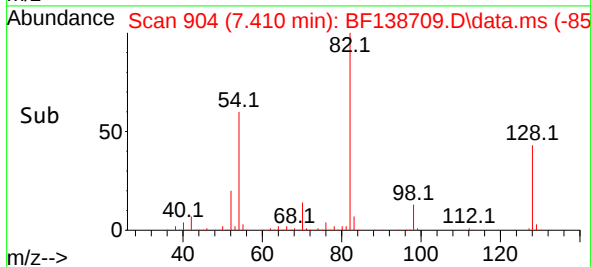
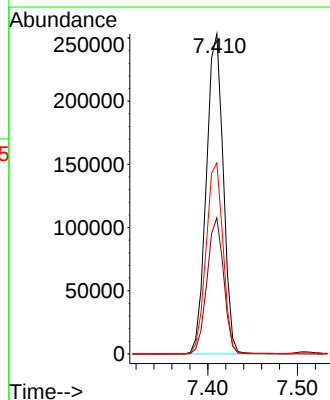
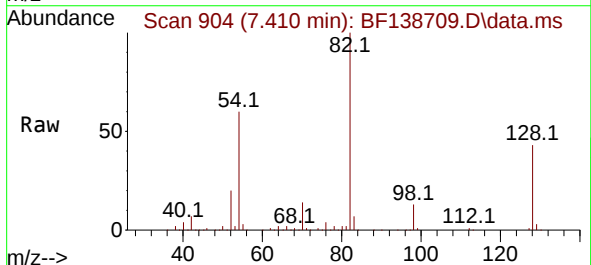
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	10.1	8.6	12.8
68	5.8	4.8	7.2

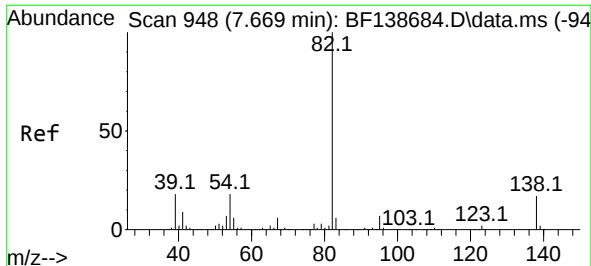


#23
Nitrobenzene-d5
Concen: 88.713 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138709.D
Acq: 31 Jul 2024 18:35

Tgt Ion: 82 Resp: 331528

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.8	49.2
54	59.7	48.3	72.5

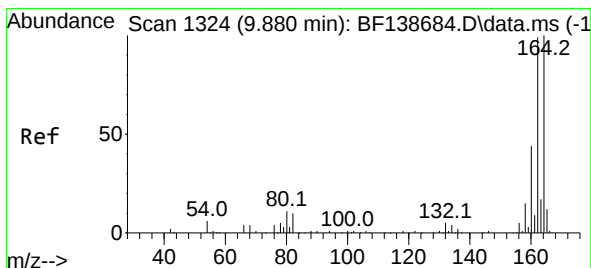
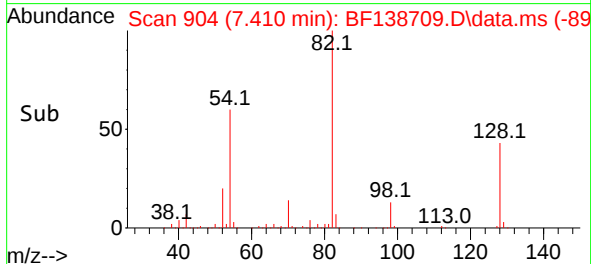
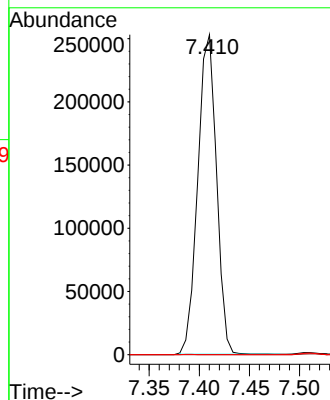
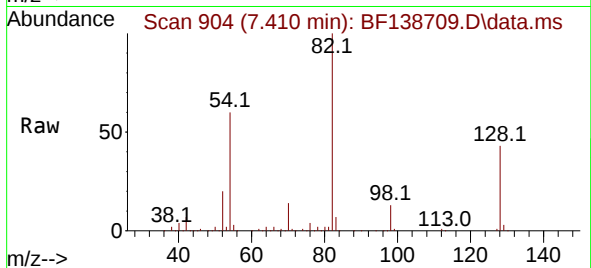




#25
Isophorone
Concen: 51.474 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138709.D
Acq: 31 Jul 2024 18:35

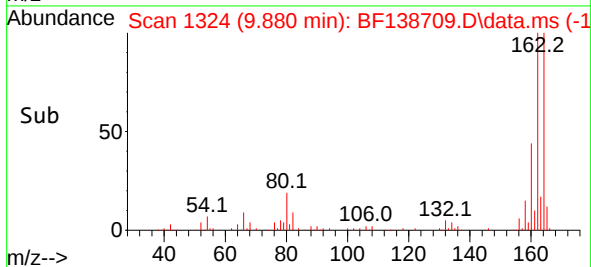
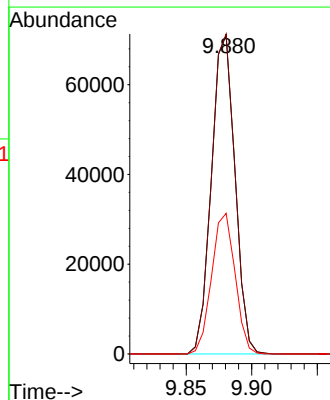
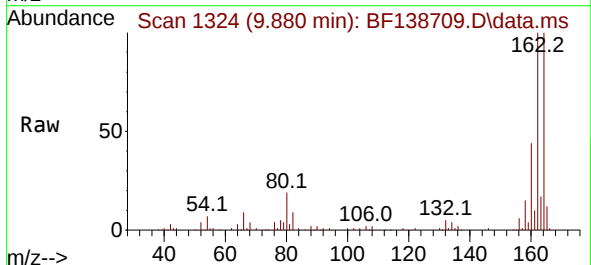
Instrument :
BNA_F
ClientSampleId :
WC-8-TCLP VOC

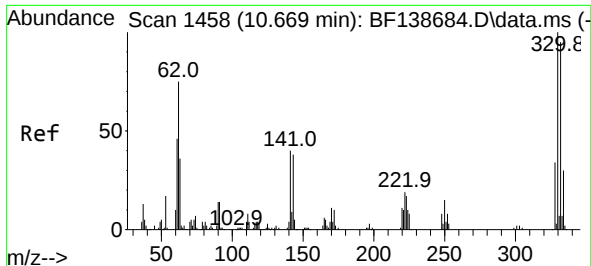
Tgt Ion: 82 Resp: 328470
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF138709.D
Acq: 31 Jul 2024 18:35

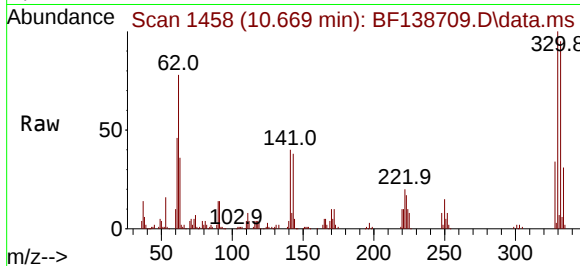
Tgt Ion:164 Resp: 88721
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.0
160 44.1 35.1 52.7



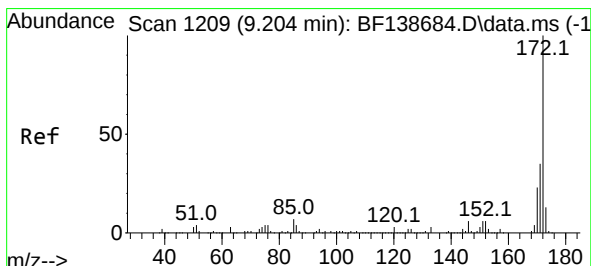
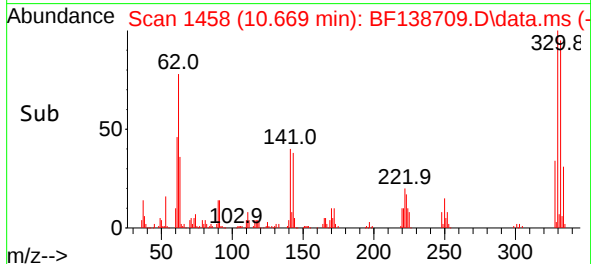
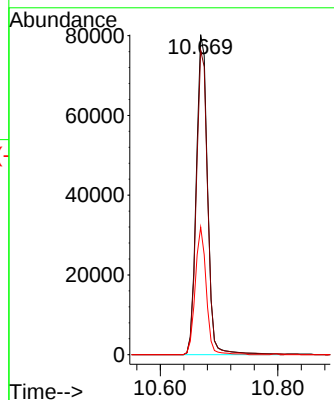


#42
2,4,6-Tribromophenol
Concen: 146.949 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138709.D
Acq: 31 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
WC-8-TCLP VOC

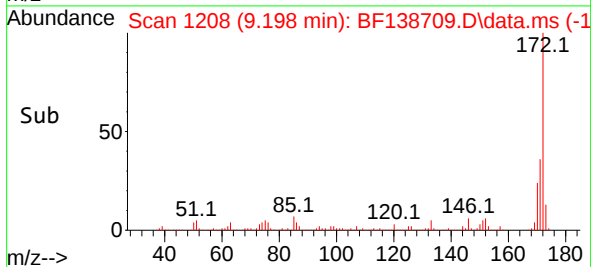
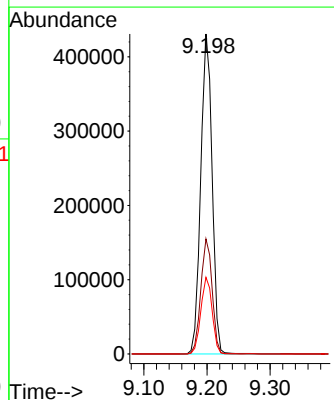
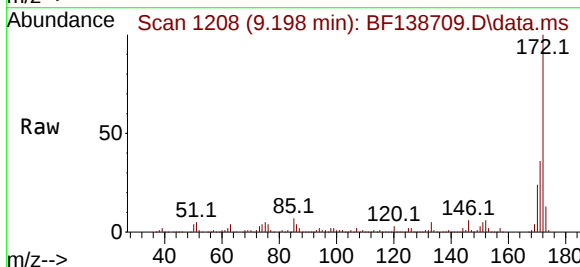


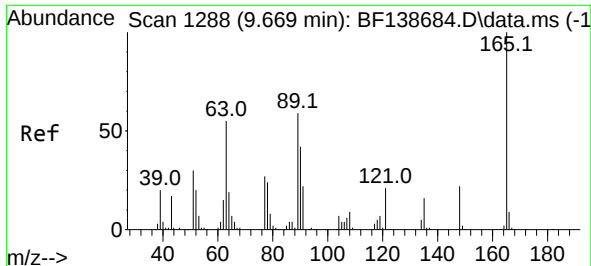
Tgt Ion:330 Resp: 106794
Ion Ratio Lower Upper
330 100
332 95.8 76.4 114.6
141 38.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 91.128 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138709.D
Acq: 31 Jul 2024 18:35

Tgt Ion:172 Resp: 538100
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 24.0 18.8 28.2

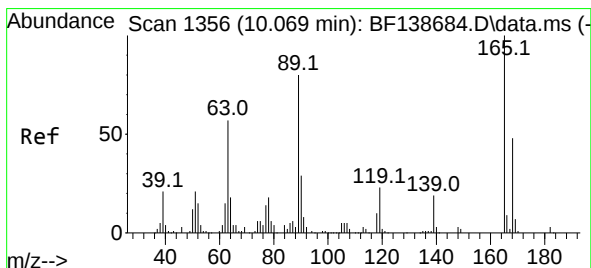
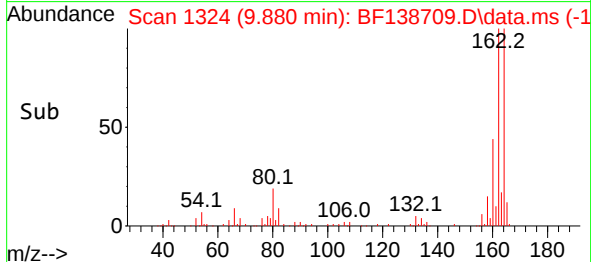
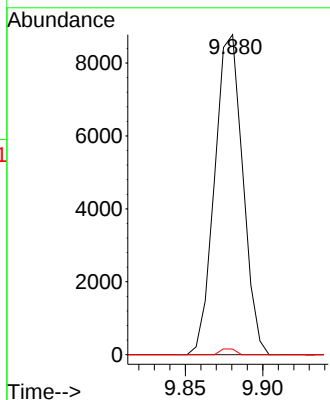
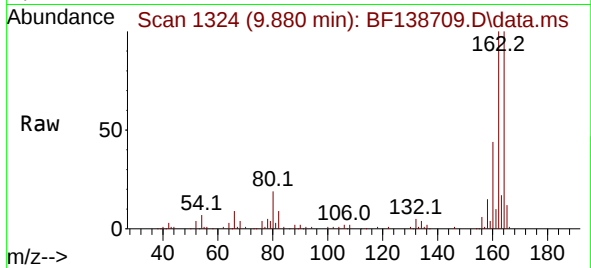




#51
2,6-Dinitrotoluene
Concen: 8.650 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138709.D
Acq: 31 Jul 2024 18:35

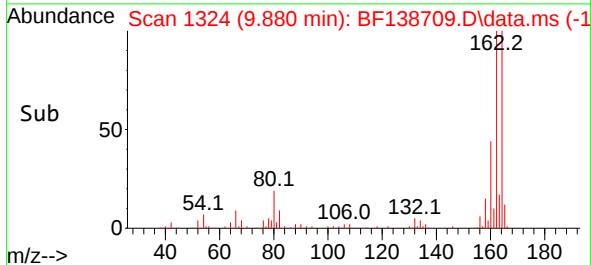
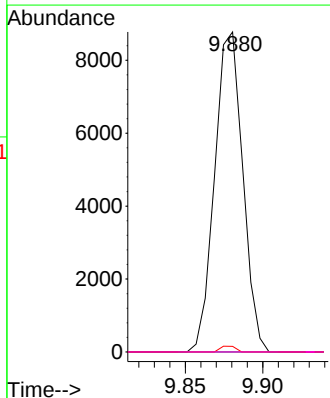
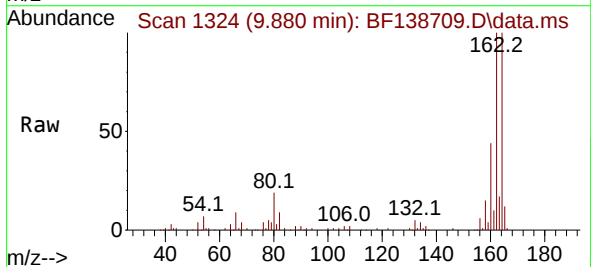
Instrument :
BNA_F
ClientSampleId :
WC-8-TCLP VOC

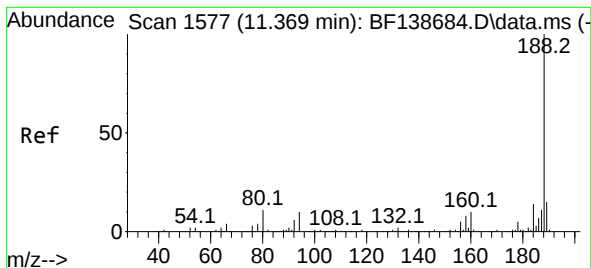
Tgt Ion:165 Resp: 11075
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.7 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.780 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF138709.D
Acq: 31 Jul 2024 18:35

Tgt Ion:165 Resp: 11075
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 1.7 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138709.D

Acq: 31 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

WC-8-TCLP VOC

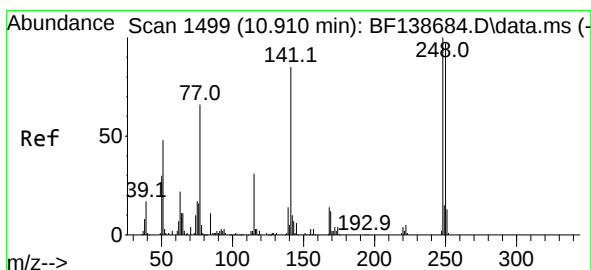
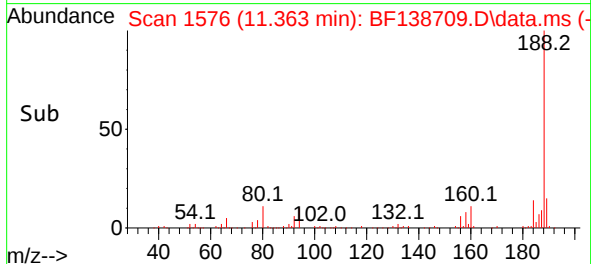
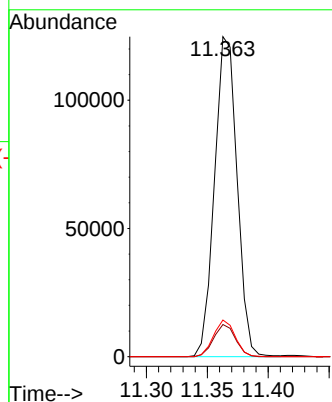
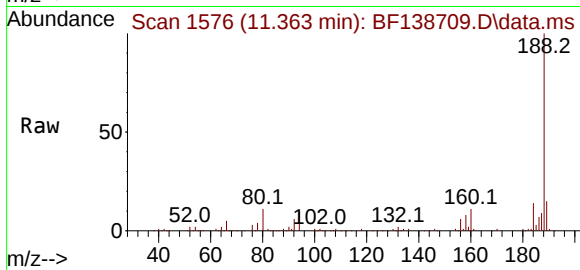
Tgt Ion:188 Resp: 160672

Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

80 11.4 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.480 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138709.D

Acq: 31 Jul 2024 18:35

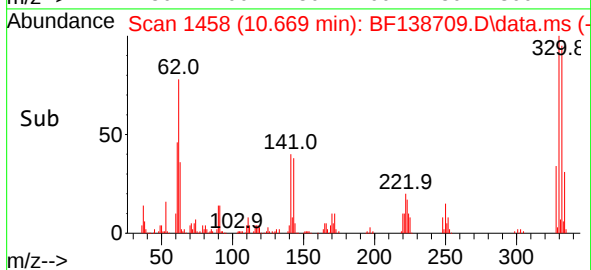
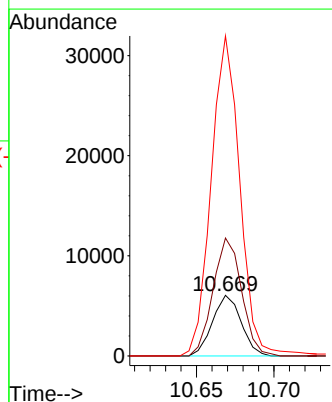
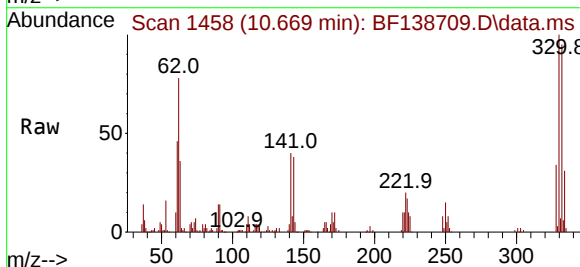
Tgt Ion:248 Resp: 7794

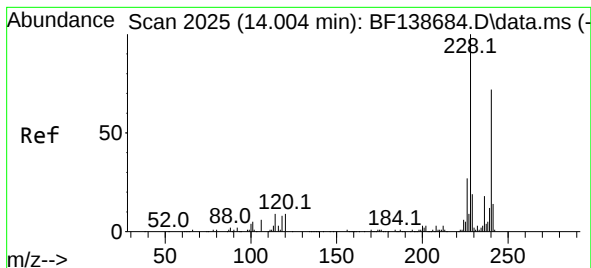
Ion Ratio Lower Upper

248 100

250 194.5 77.7 116.5#

141 528.0 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: BF138709.D

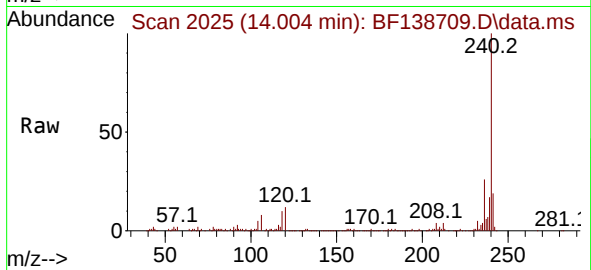
Acq: 31 Jul 2024 18:35

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WC-8-TCLP VOC



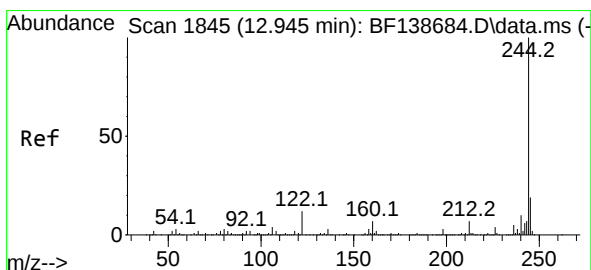
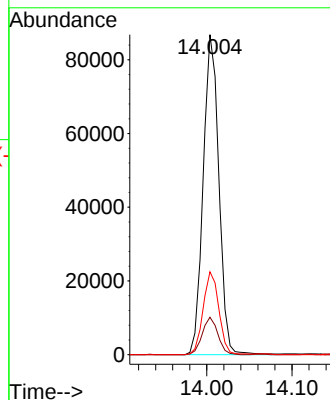
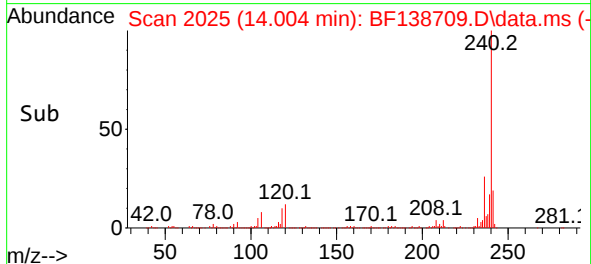
Tgt Ion:240 Resp: 110901

Ion Ratio Lower Upper

240 100

120 11.7 10.2 15.4

236 25.9 19.8 29.8



#79

Terphenyl-d14

Concen: 104.212 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138709.D

Acq: 31 Jul 2024 18:35

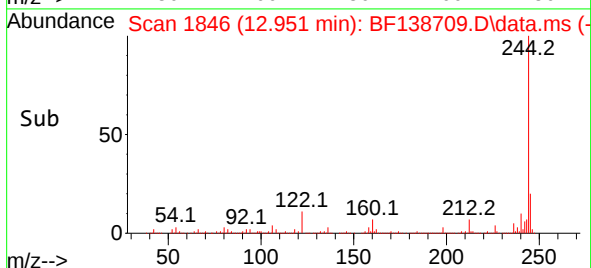
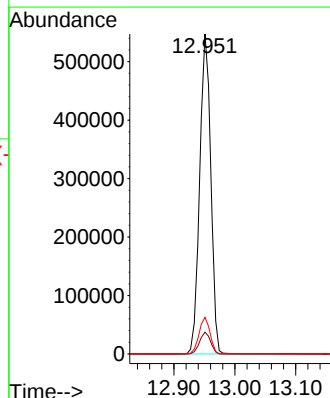
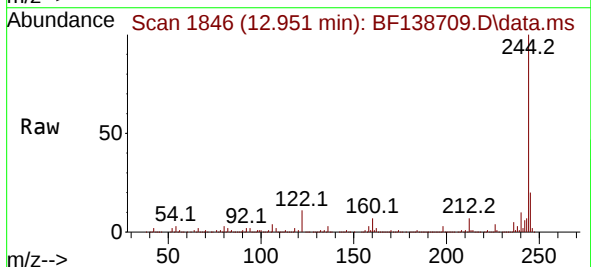
Tgt Ion:244 Resp: 690286

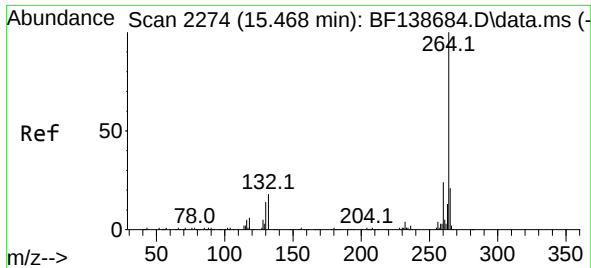
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.4 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138709.D
 Acq: 31 Jul 2024 18:35

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-TCLP VOC

Tgt Ion:264 Resp: 84855
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 22.5 17.0 25.6

