

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138707.D
 Acq On : 31 Jul 2024 17:32
 Operator : RC/JU
 Sample : P3376-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6-TCLP VOC

Quant Time: Jul 31 17:54:14 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)

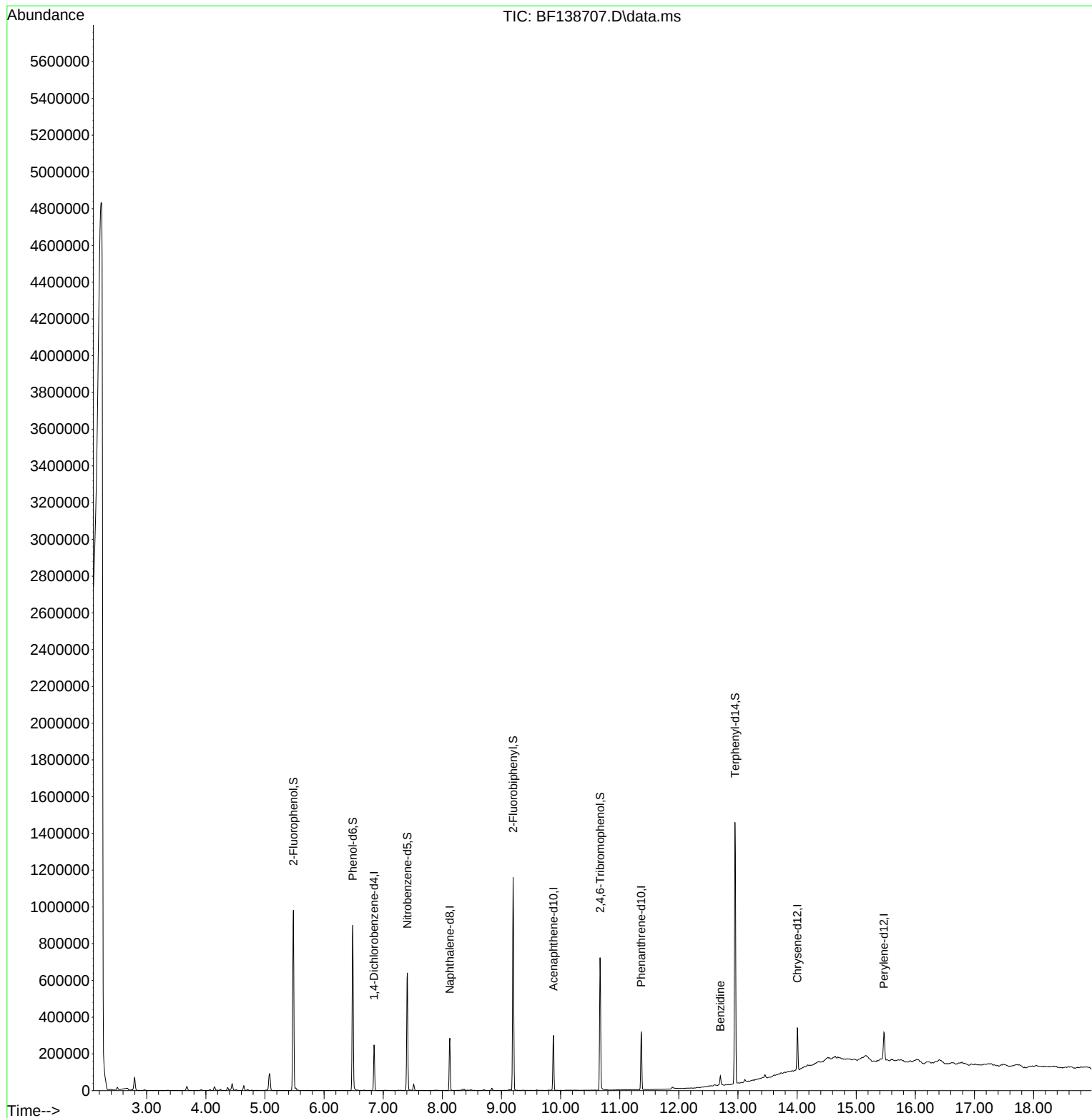
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	46848	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	168140	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	83542	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	158959	20.000	ng	0.00
76) Chrysene-d12	14.004	240	106623	20.000	ng	0.00
86) Perylene-d12	15.468	264	84124	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	330552	108.918	ng	0.01
7) Phenol-d6	6.487	99	391331	96.041	ng	0.00
23) Nitrobenzene-d5	7.410	82	275456	80.096	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	105520	154.197	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	468285	84.221	ng	0.00
79) Terphenyl-d14	12.951	244	672304	105.570	ng	0.00
Target Compounds						
77) Benzidine	12.704	184	25833	10.130	ng	Qvalue 94

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

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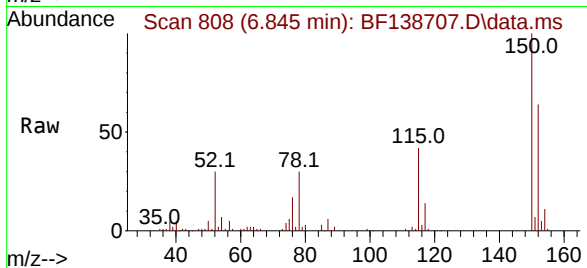
Quant Time: Jul 31 17:54:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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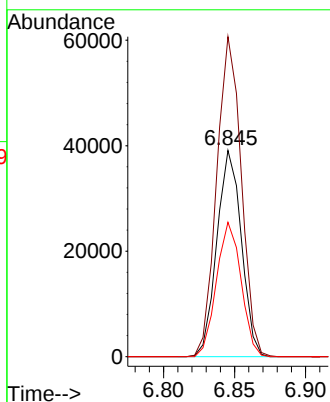
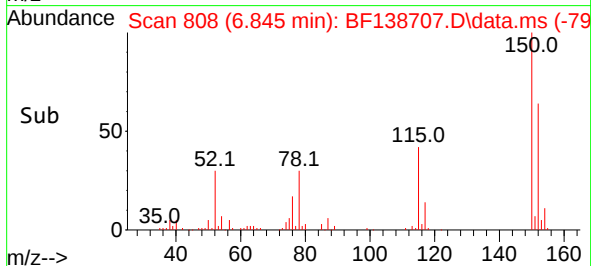


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32

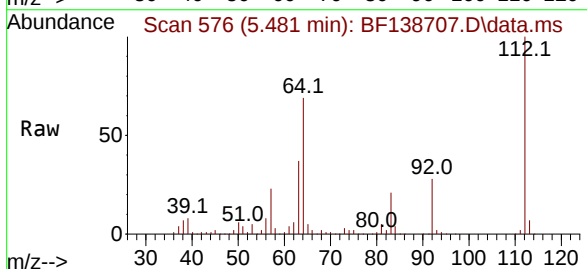
Instrument :
BNA_F
ClientSampleId :
WC-6-TCLP VOC



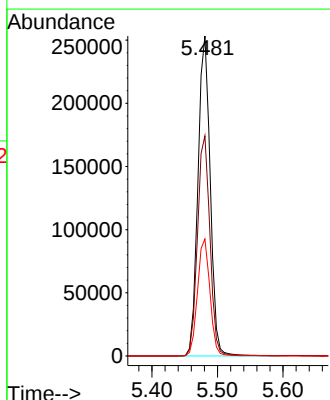
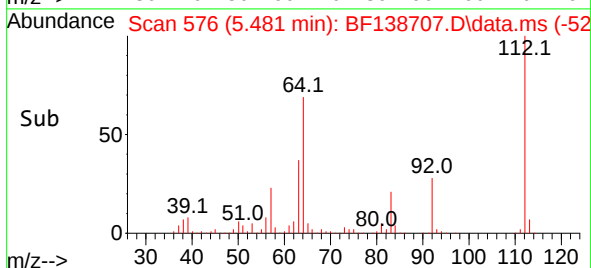
Tgt Ion:152 Resp: 46848
Ion Ratio Lower Upper
152 100
150 155.1 126.0 189.0
115 65.1 51.7 77.5



#5
2-Fluorophenol
Concen: 108.918 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32



Tgt Ion:112 Resp: 330552
Ion Ratio Lower Upper
112 100
64 68.8 54.2 81.4
63 36.5 28.7 43.1

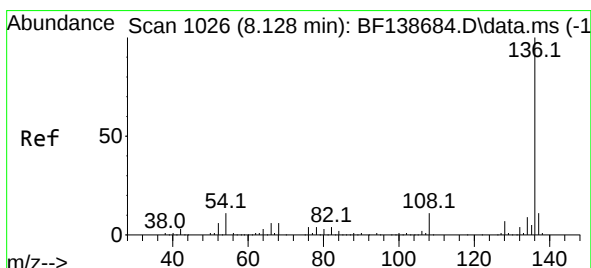
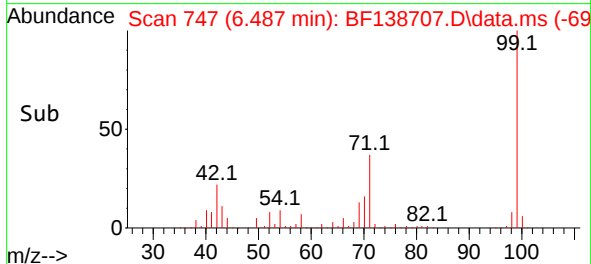
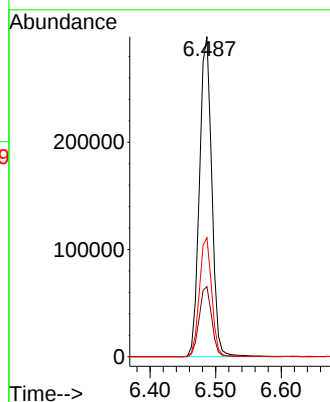
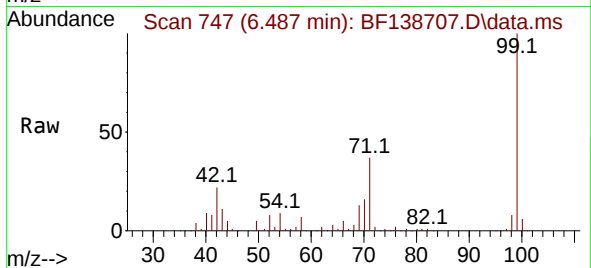




#7
Phenol-d6
Concen: 96.041 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32

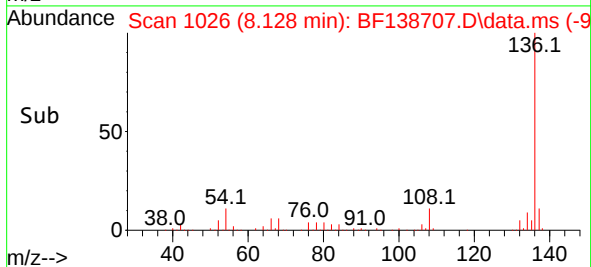
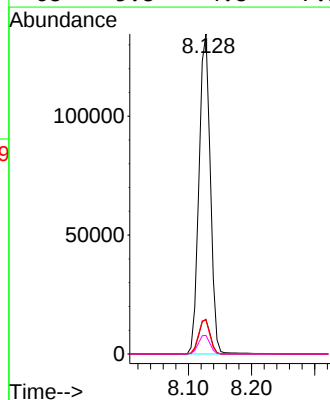
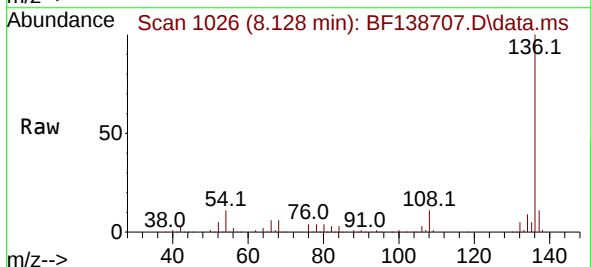
Instrument :
BNA_F
ClientSampleId :
WC-6-TCLP VOC

Tgt Ion: 99 Resp: 391331
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 37.2 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32

Tgt Ion: 136 Resp: 168140
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.5 8.6 12.8
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 80.096 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138707.D

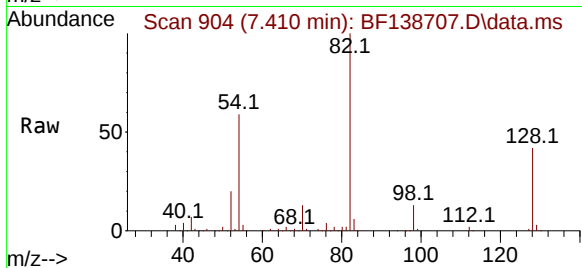
Acq: 31 Jul 2024 17:32

Instrument :

BNA_F

ClientSampleId :

WC-6-TCLP VOC



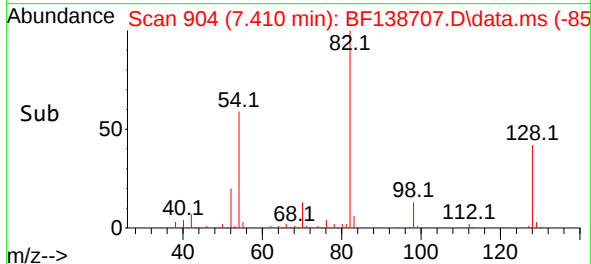
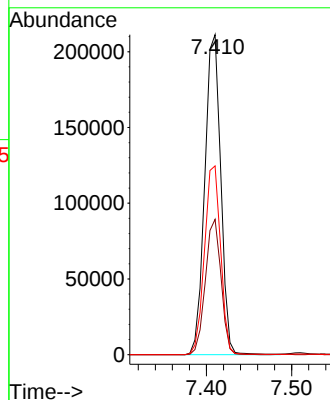
Tgt Ion: 82 Resp: 275456

Ion Ratio Lower Upper

82 100

128 42.3 32.8 49.2

54 59.0 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF138707.D

Acq: 31 Jul 2024 17:32

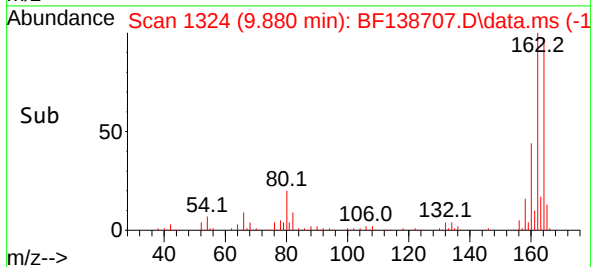
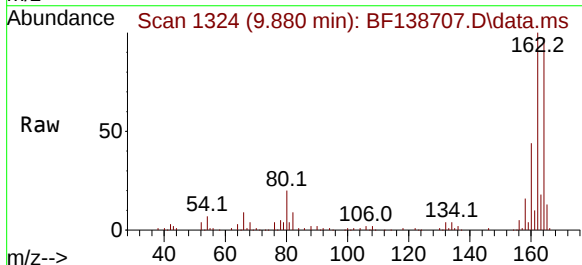
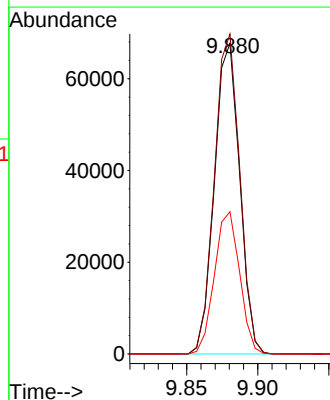
Tgt Ion: 164 Resp: 83542

Ion Ratio Lower Upper

164 100

162 103.0 79.4 119.0

160 45.8 35.1 52.7

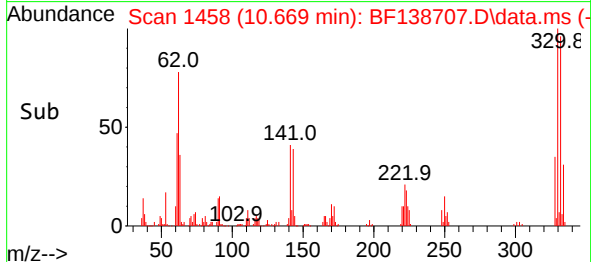
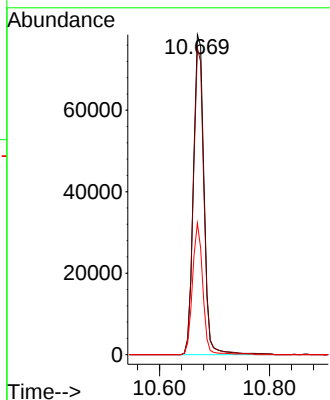
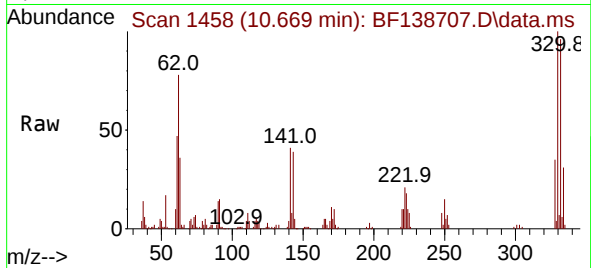




#42
2,4,6-Tribromophenol
Concen: 154.197 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32

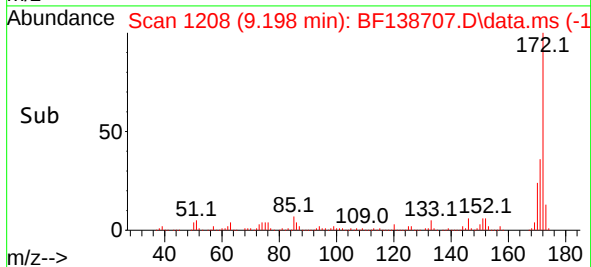
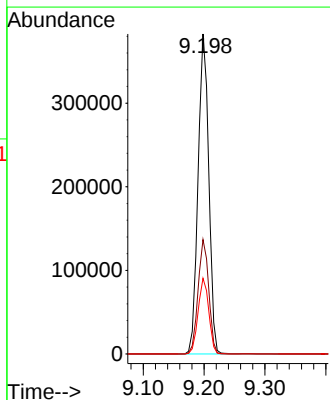
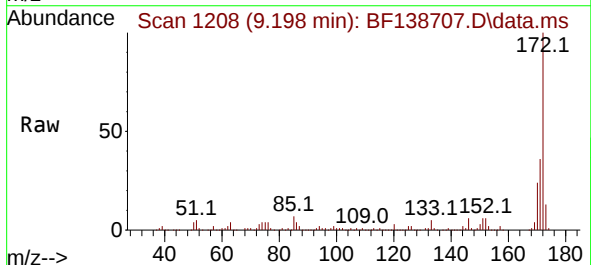
Instrument :
BNA_F
ClientSampleId :
WC-6-TCLP VOC

Tgt Ion:330 Resp: 105520
Ion Ratio Lower Upper
330 100
332 95.1 76.4 114.6
141 39.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 84.221 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32

Tgt Ion:172 Resp: 468285
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138707.D

Acq: 31 Jul 2024 17:32

Instrument :

BNA_F

ClientSampleId :

WC-6-TCLP VOC

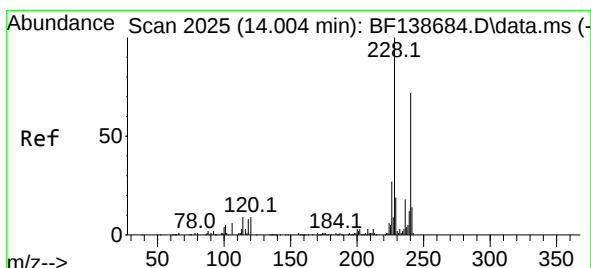
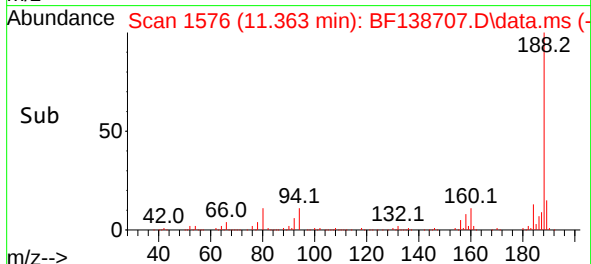
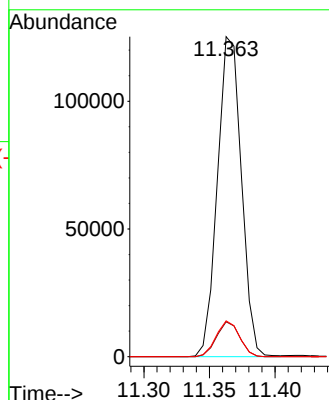
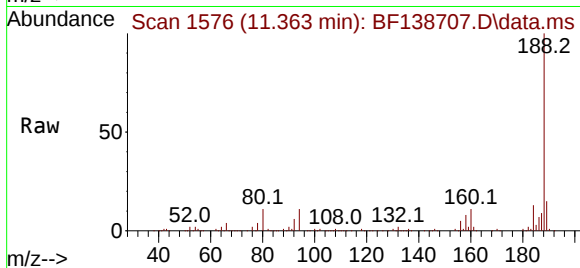
Tgt Ion:188 Resp: 158959

Ion Ratio Lower Upper

188 100

94 10.9 7.6 11.4

80 11.2 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF138707.D

Acq: 31 Jul 2024 17:32

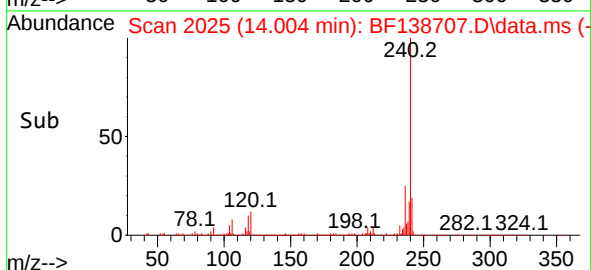
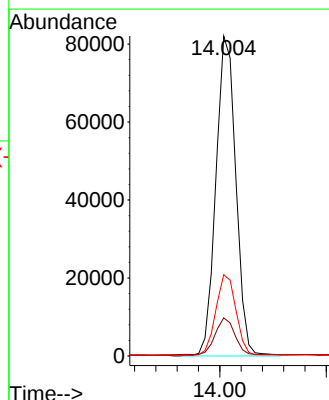
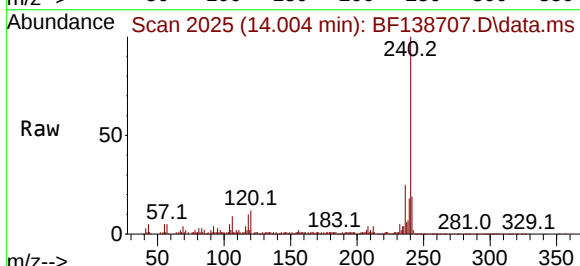
Tgt Ion:240 Resp: 106623

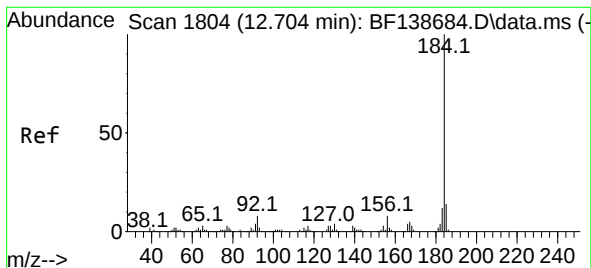
Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.4

236 25.4 19.8 29.8





#77

Benzidine

Concen: 10.130 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF138707.D

Acq: 31 Jul 2024 17:32

Instrument :

BNA_F

ClientSampleId :

WC-6-TCLP VOC

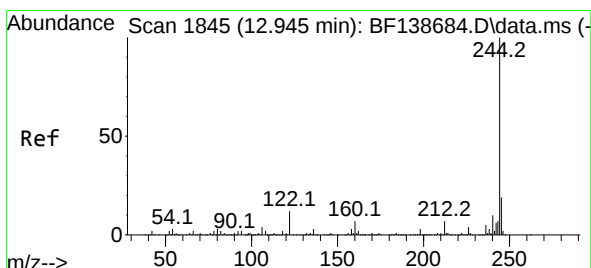
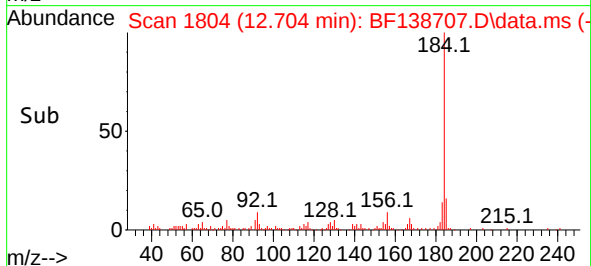
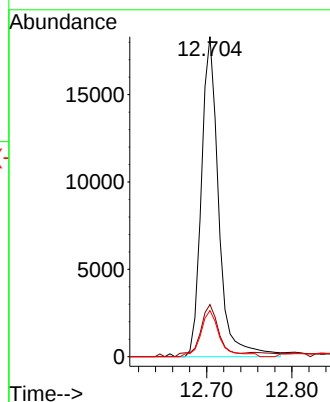
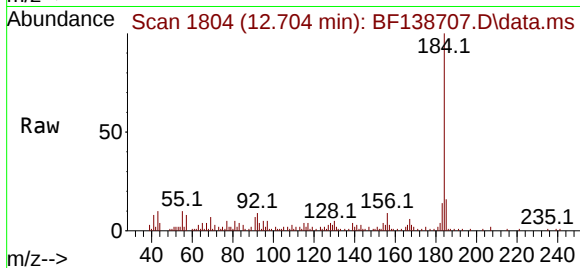
Tgt Ion:184 Resp: 25833

Ion Ratio Lower Upper

184 100

185 16.3 11.1 16.7

183 14.4 9.6 14.4



#79

Terphenyl-d14

Concen: 105.570 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138707.D

Acq: 31 Jul 2024 17:32

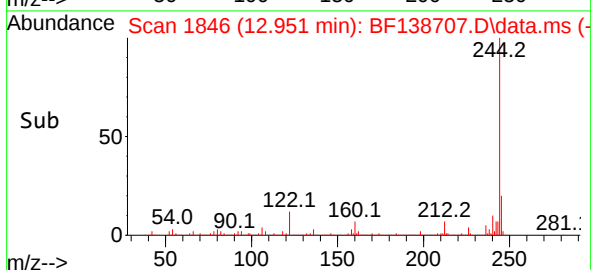
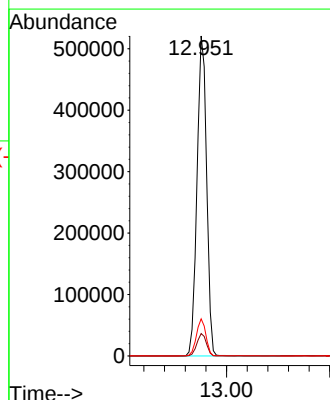
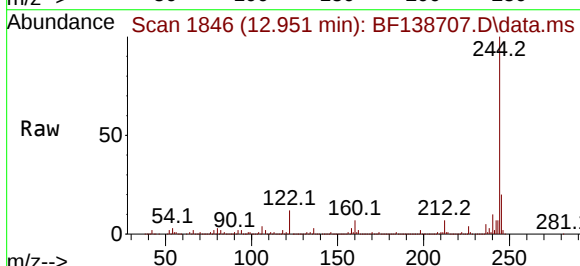
Tgt Ion:244 Resp: 672304

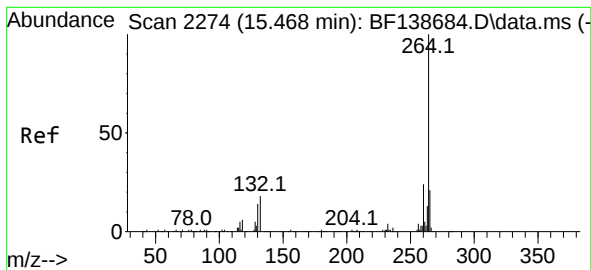
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.6 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: BF138707.D
 Acq: 31 Jul 2024 17:32

Instrument :
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 WC-6-TCLP VOC

Tgt Ion:264	Resp:	84124
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.0 28.6
265	21.8	17.0 25.6

