

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138708.D
 Acq On : 31 Jul 2024 18:03
 Operator : RC/JU
 Sample : P3376-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-7-TCLP VOC

Quant Time: Jul 31 18:39:07 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)

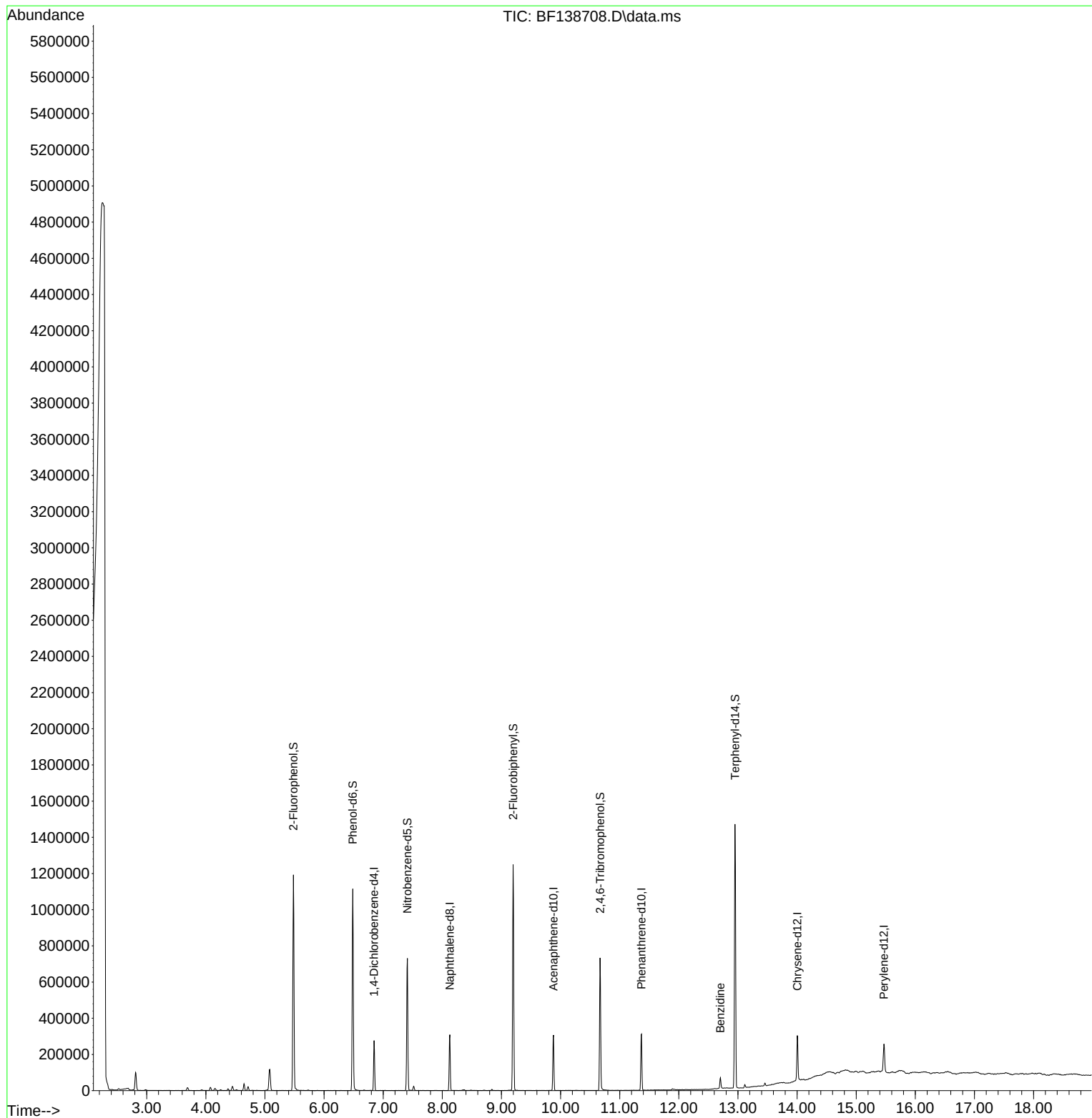
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	52668	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	186495	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	89960	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	163048	20.000	ng	0.00
76) Chrysene-d12	14.004	240	110289	20.000	ng	0.00
86) Perylene-d12	15.468	264	88320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	396121	116.100	ng	0.01
7) Phenol-d6	6.487	99	487547	106.432	ng	0.00
23) Nitrobenzene-d5	7.410	82	315943	82.827	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	106444	144.450	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	516847	86.323	ng	0.00
79) Terphenyl-d14	12.951	244	680866	103.360	ng	0.00
Target Compounds						
77) Benzidine	12.704	184	30674	11.628	ng	Qvalue 97

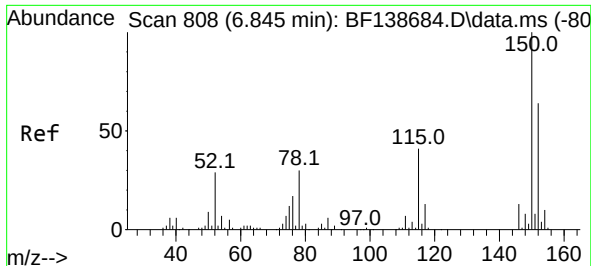
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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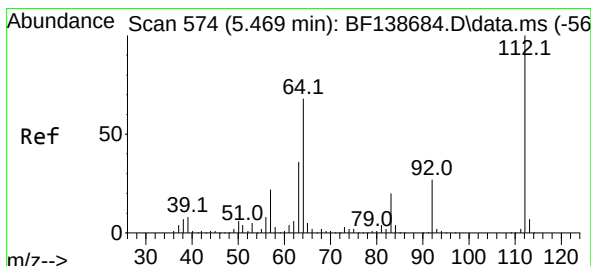
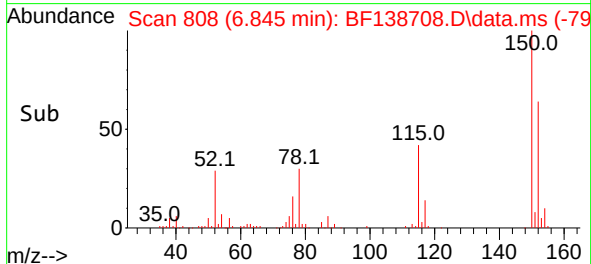
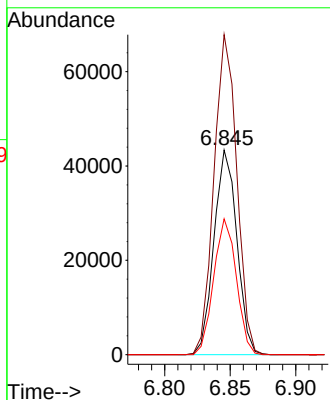
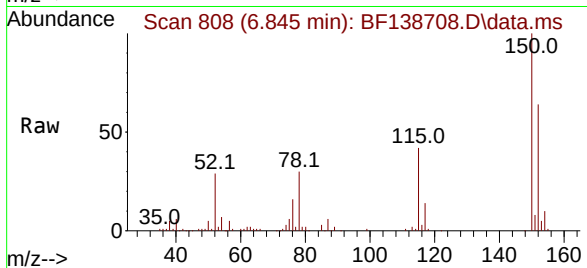




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138708.D
Acq: 31 Jul 2024 18:03

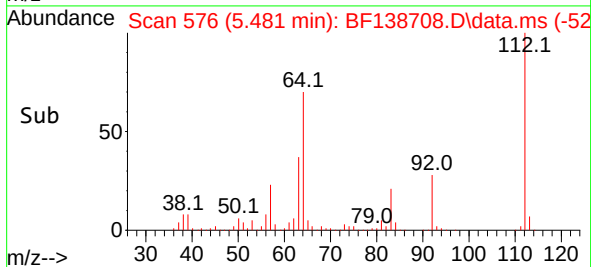
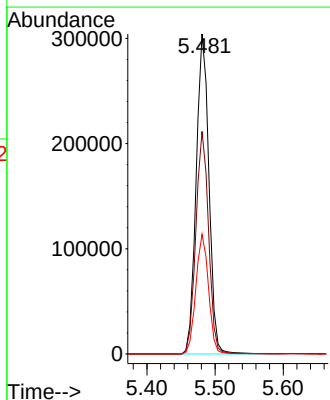
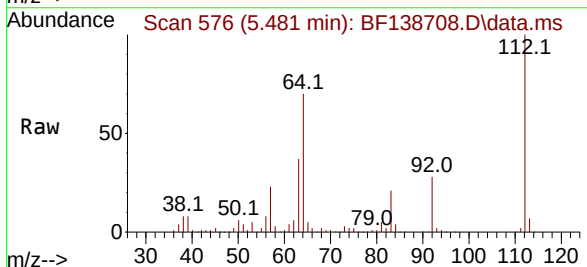
Instrument :
BNA_F
ClientSampleId :
WC-7-TCLP VOC

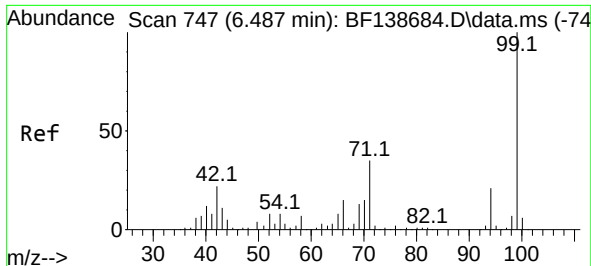
Tgt Ion:152 Resp: 52668
Ion Ratio Lower Upper
152 100
150 156.3 126.0 189.0
115 66.4 51.7 77.5



#5
2-Fluorophenol
Concen: 116.100 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138708.D
Acq: 31 Jul 2024 18:03

Tgt Ion:112 Resp: 396121
Ion Ratio Lower Upper
112 100
64 69.6 54.2 81.4
63 37.4 28.7 43.1

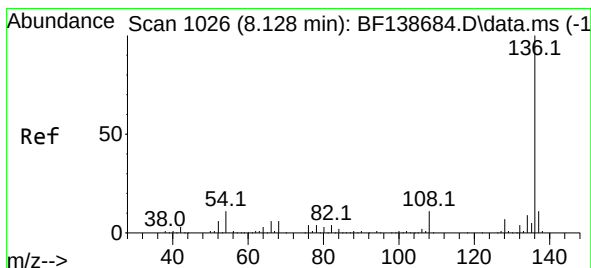
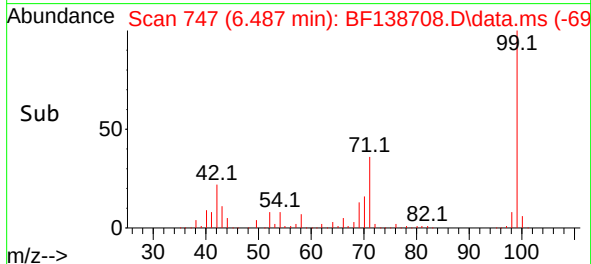
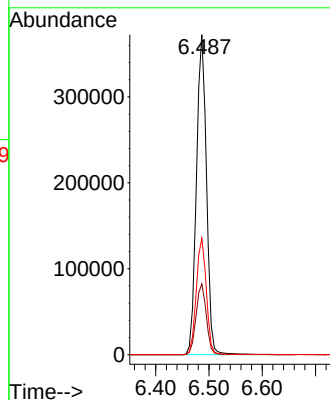
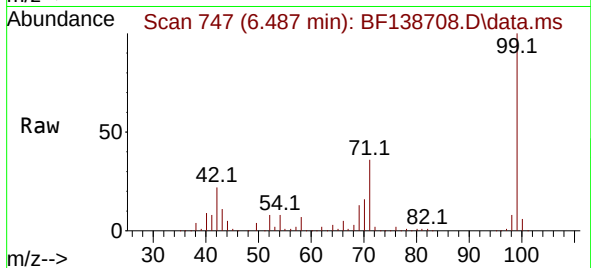




#7
Phenol-d6
Concen: 106.432 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF138708.D
Acq: 31 Jul 2024 18:03

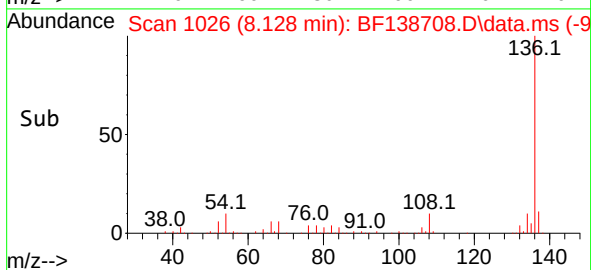
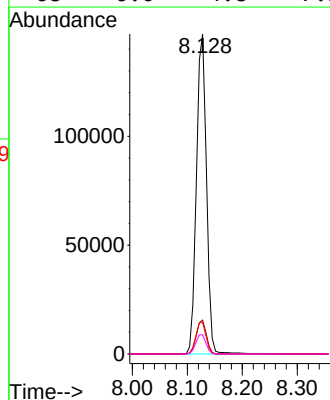
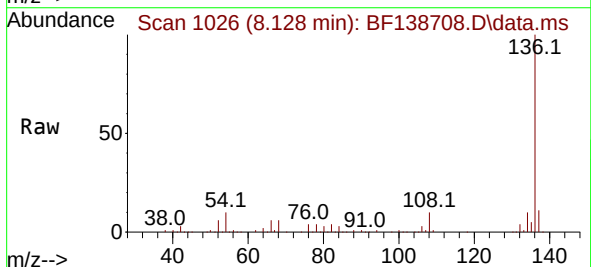
Instrument :
BNA_F
ClientSampleId :
WC-7-TCLP VOC

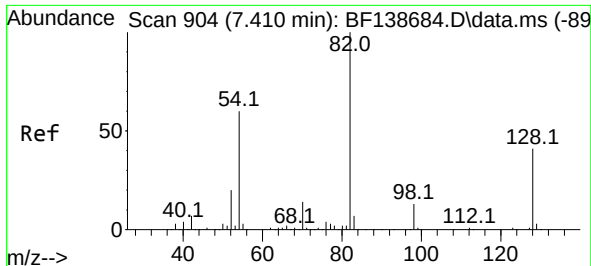
Tgt Ion: 99 Resp: 487547
Ion Ratio Lower Upper
99 100
42 22.2 17.4 26.0
71 36.4 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138708.D
Acq: 31 Jul 2024 18:03

Tgt Ion: 136 Resp: 186495
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.8 8.6 12.8
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 82.827 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138708.D

Acq: 31 Jul 2024 18:03

Instrument :

BNA_F

ClientSampleId :

WC-7-TCLP VOC

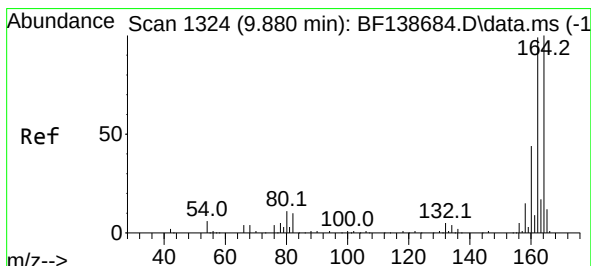
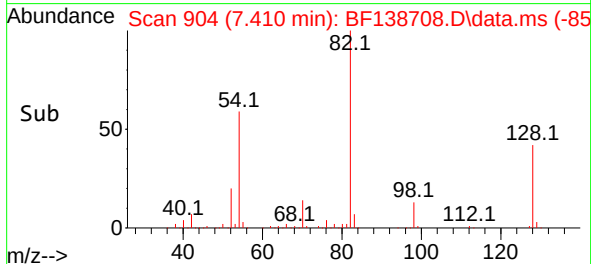
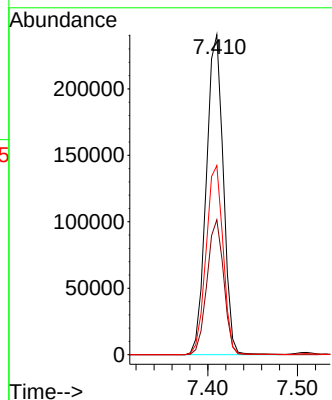
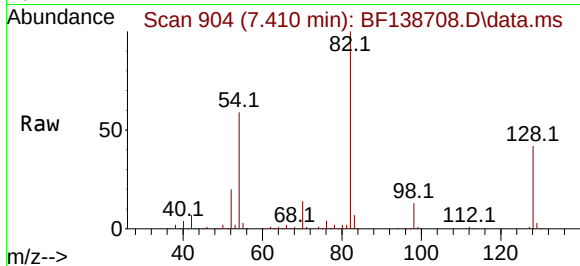
Tgt Ion: 82 Resp: 315943

Ion Ratio Lower Upper

82 100

128 42.2 32.8 49.2

54 59.1 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: BF138708.D

Acq: 31 Jul 2024 18:03

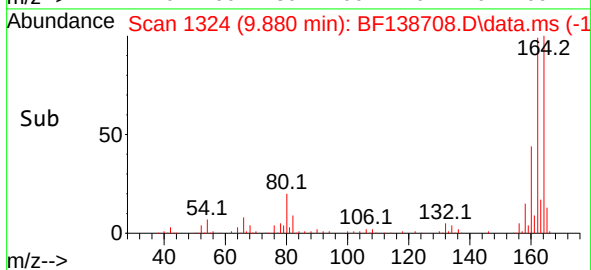
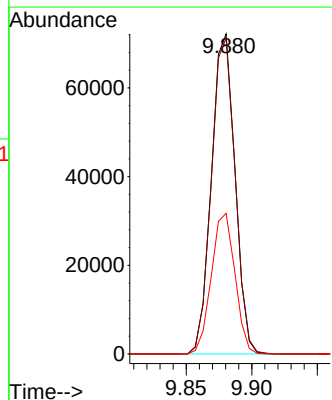
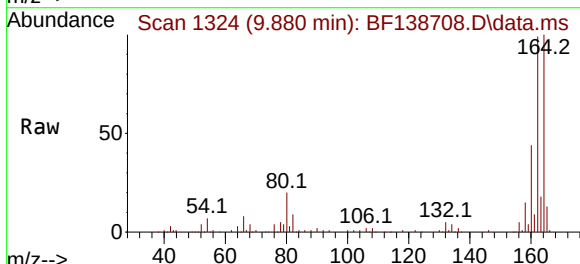
Tgt Ion:164 Resp: 89960

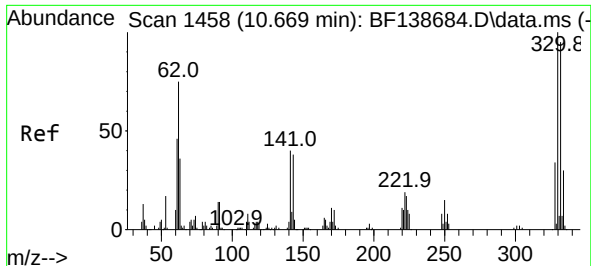
Ion Ratio Lower Upper

164 100

162 98.8 79.4 119.0

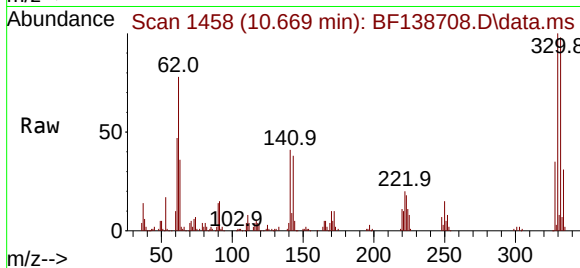
160 44.0 35.1 52.7



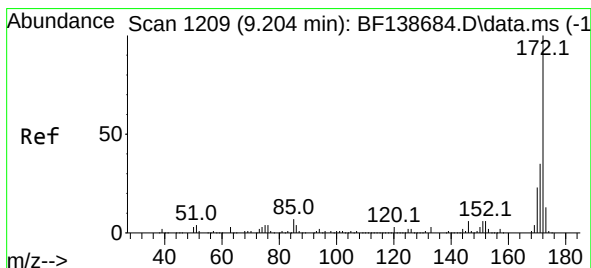
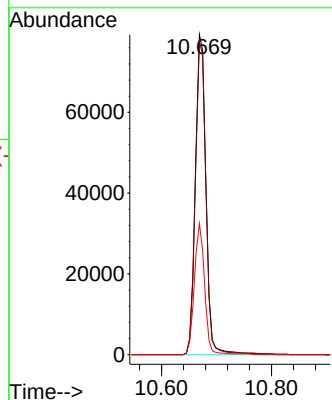
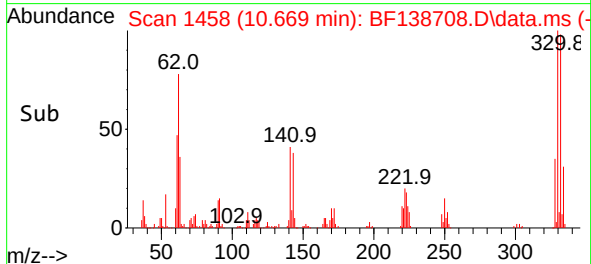


#42
2,4,6-Tribromophenol
Concen: 144.450 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138708.D
Acq: 31 Jul 2024 18:03

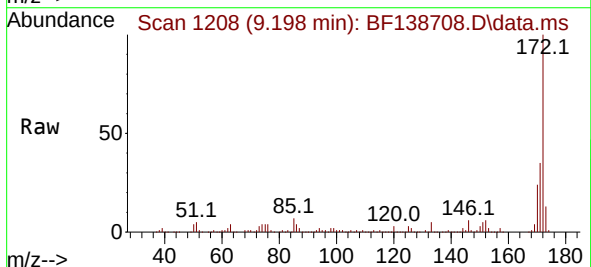
Instrument :
BNA_F
ClientSampleId :
WC-7-TCLP VOC



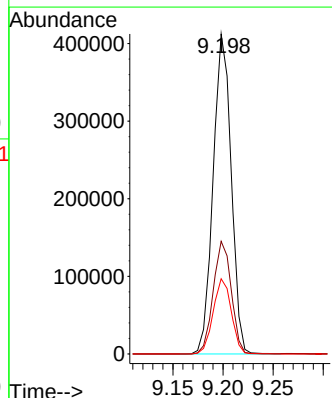
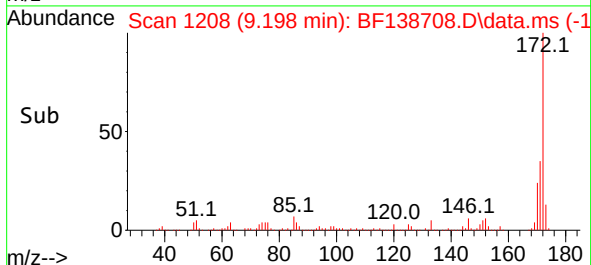
Tgt Ion:330 Resp: 106444
Ion Ratio Lower Upper
330 100
332 97.7 76.4 114.6
141 39.3 31.1 46.7

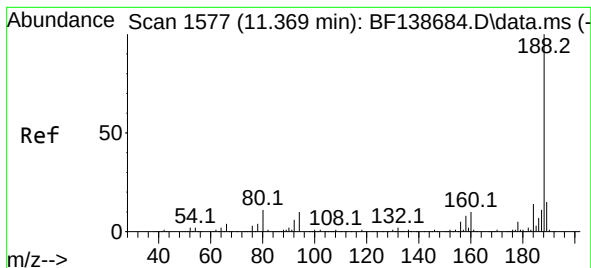


#45
2-Fluorobiphenyl
Concen: 86.323 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138708.D
Acq: 31 Jul 2024 18:03



Tgt Ion:172 Resp: 516847
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138708.D

Acq: 31 Jul 2024 18:03

Instrument :

BNA_F

ClientSampleId :

WC-7-TCLP VOC

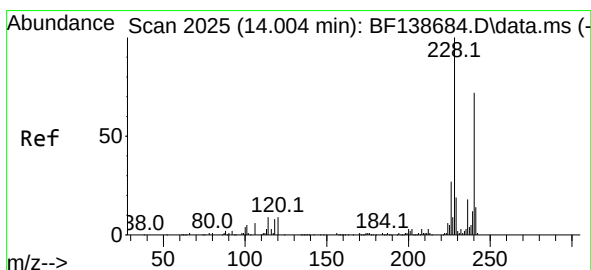
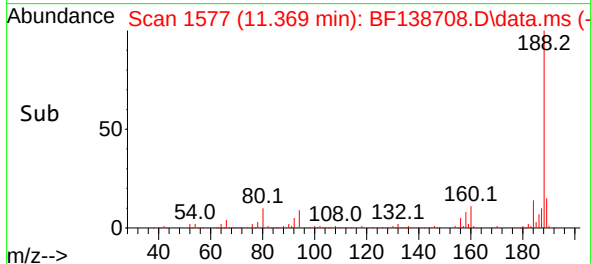
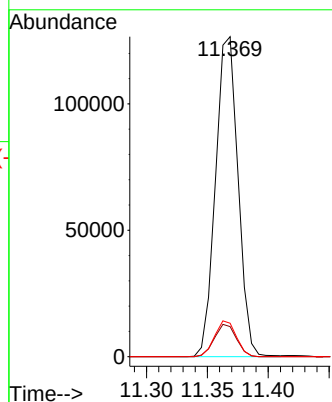
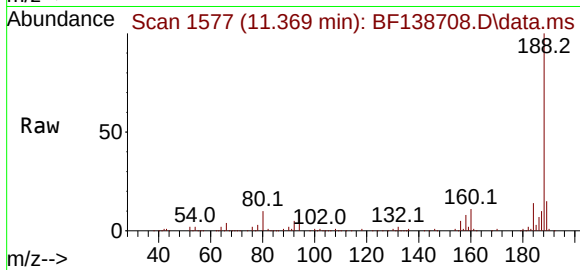
Tgt Ion:188 Resp: 163048

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.5 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: BF138708.D

Acq: 31 Jul 2024 18:03

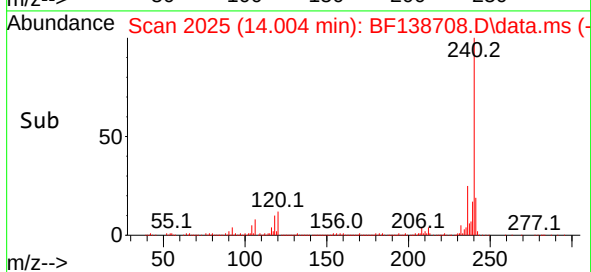
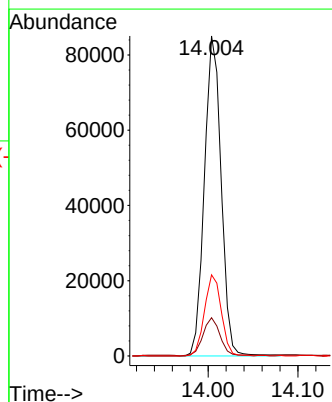
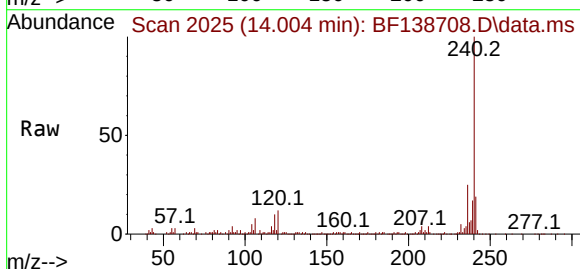
Tgt Ion:240 Resp: 110289

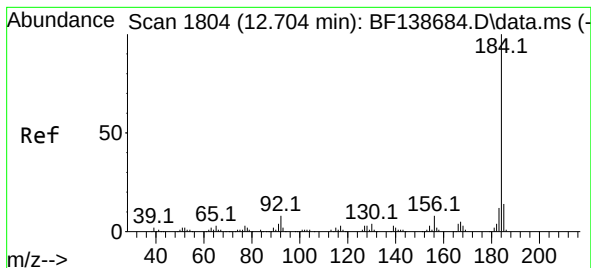
Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.4

236 25.4 19.8 29.8





#77

Benzidine

Concen: 11.628 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF138708.D

Acq: 31 Jul 2024 18:03

Instrument :

BNA_F

ClientSampleId :

WC-7-TCLP VOC

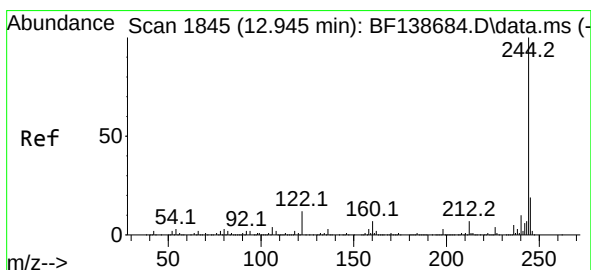
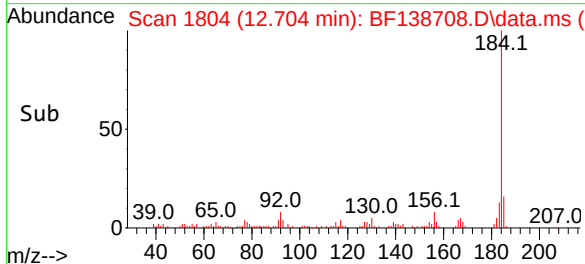
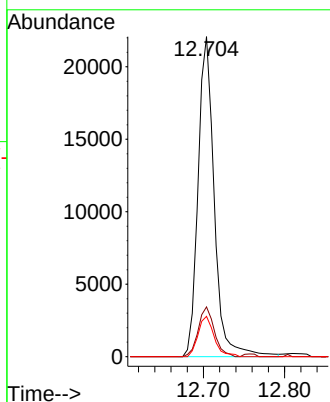
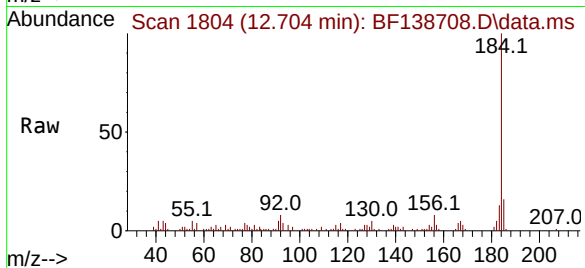
Tgt Ion:184 Resp: 30674

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

183 12.6 9.6 14.4



#79

Terphenyl-d14

Concen: 103.360 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138708.D

Acq: 31 Jul 2024 18:03

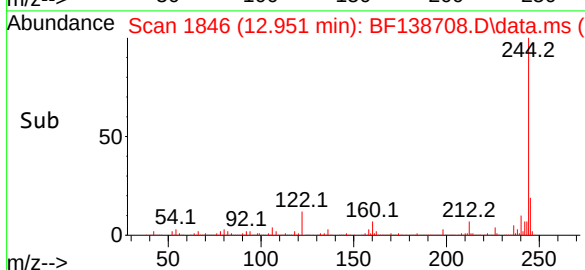
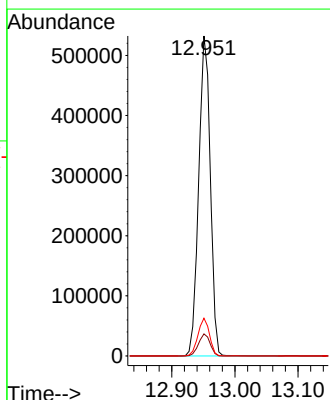
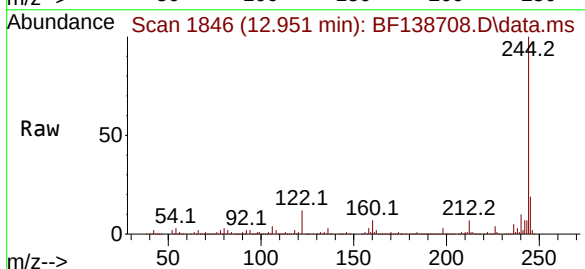
Tgt Ion:244 Resp: 680866

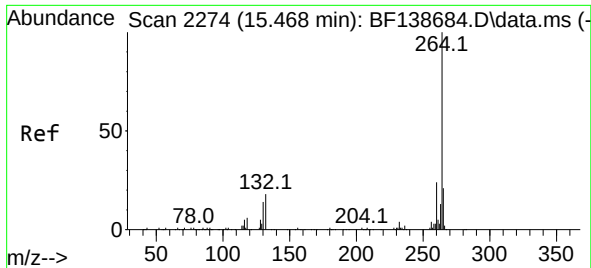
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.8 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: BF138708.D
 Acq: 31 Jul 2024 18:03

Instrument :
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 WC-7-TCLP VOC

Tgt Ion:264 Resp: 88320
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 22.6 17.0 25.6

