

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

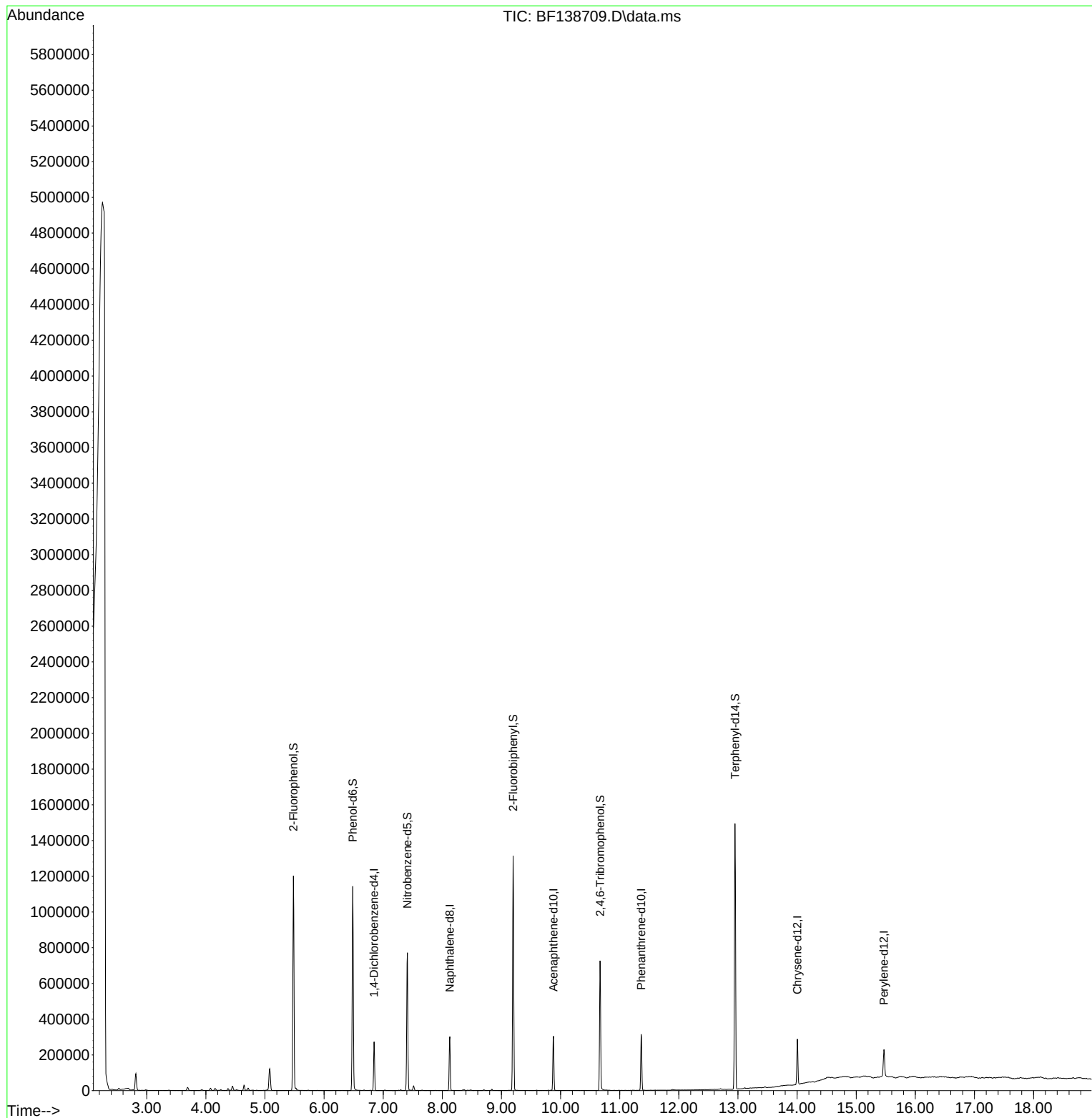
Target Compounds	Qvalue

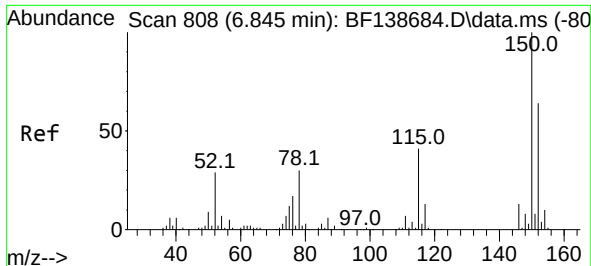
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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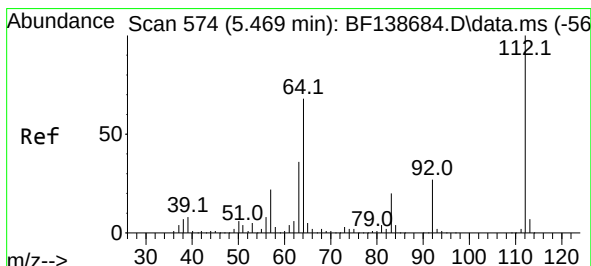
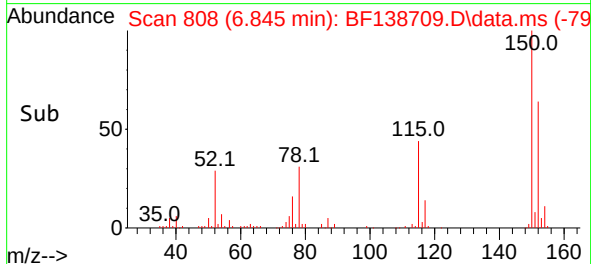
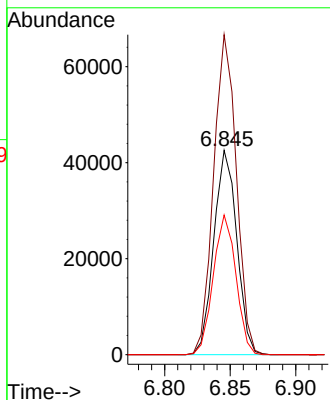
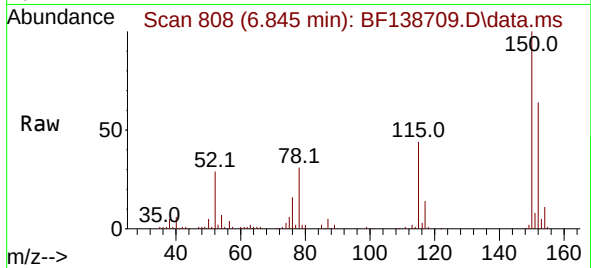




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138709.D
Acq: 31 Jul 2024 18:35

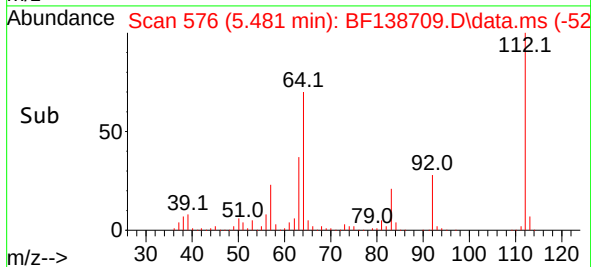
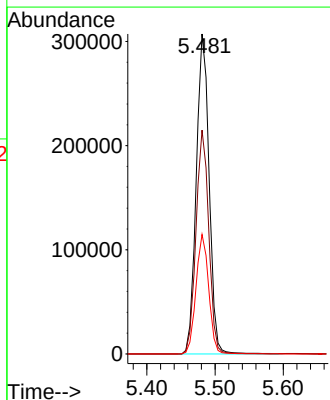
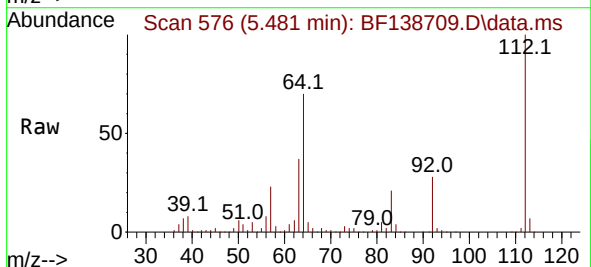
Instrument :
BNA_F
ClientSampleId :
WC-8-TCLP VOC

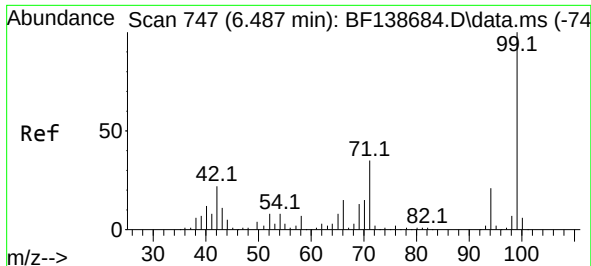
Tgt Ion:152 Resp: 51831
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 68.4 51.7 77.5



#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

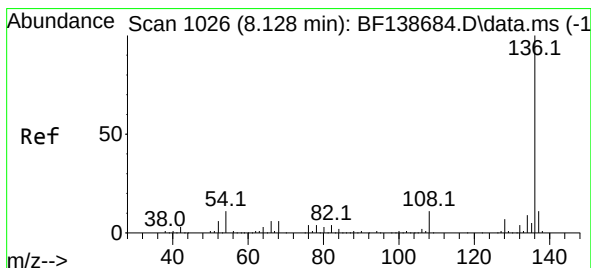
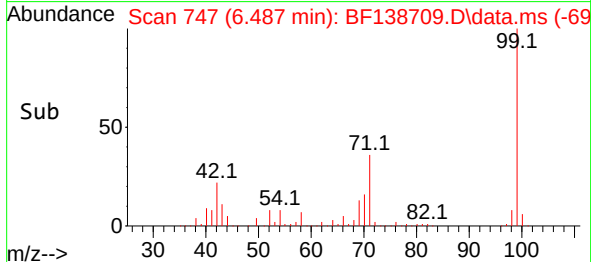
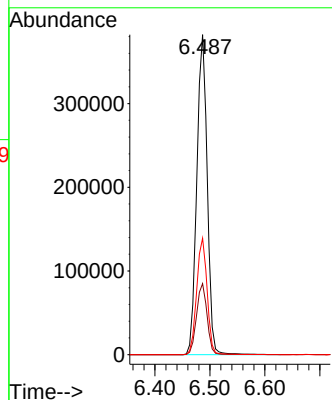
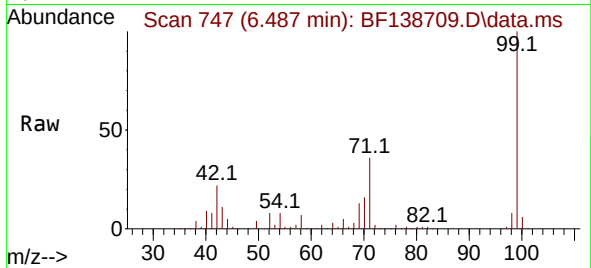




#7
Phenol-d6
Concen: 111.760 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF138709.D
Acq: 31 Jul 2024 18:35

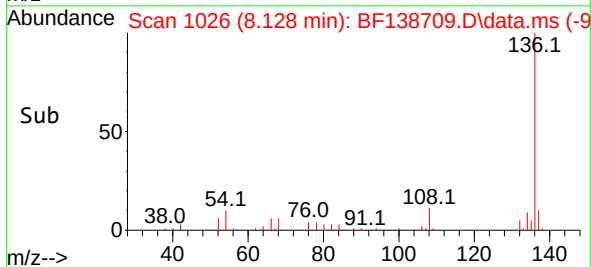
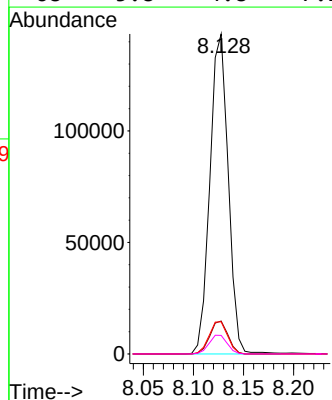
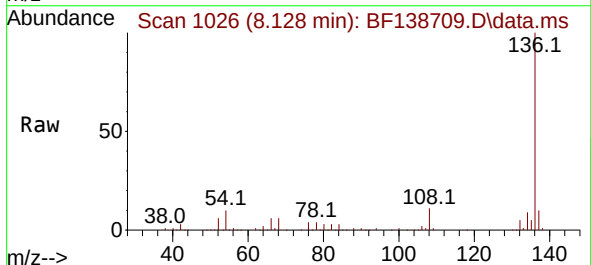
Instrument :
BNA_F
ClientSampleId :
WC-8-TCLP VOC

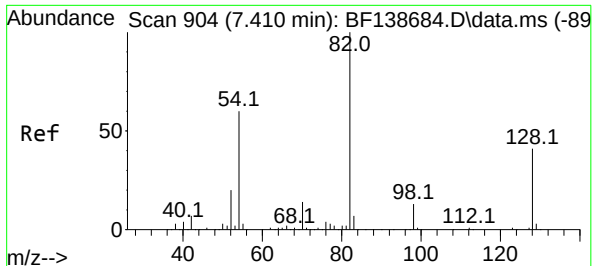
Tgt Ion: 99 Resp: 503819
Ion Ratio Lower Upper
99 100
42 22.2 17.4 26.0
71 36.4 28.1 42.1



#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

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

Instrument :

BNA_F

ClientSampleId :

WC-8-TCLP VOC

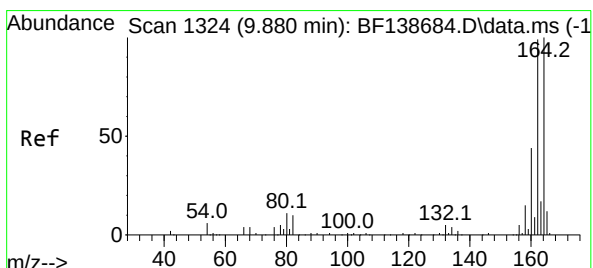
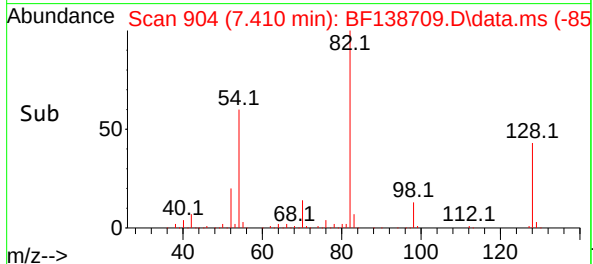
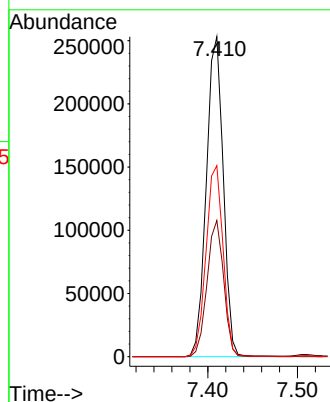
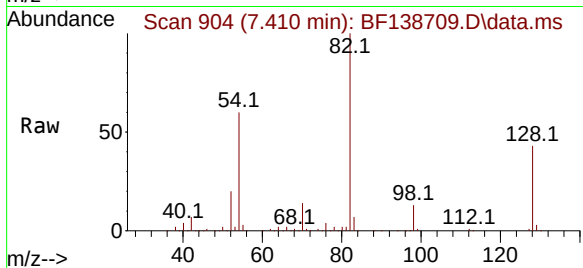
Tgt Ion: 82 Resp: 331528

Ion Ratio Lower Upper

82 100

128 42.6 32.8 49.2

54 59.7 48.3 72.5



#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

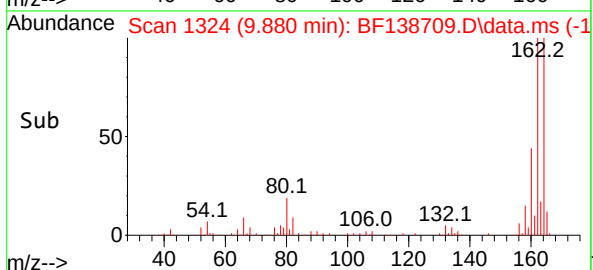
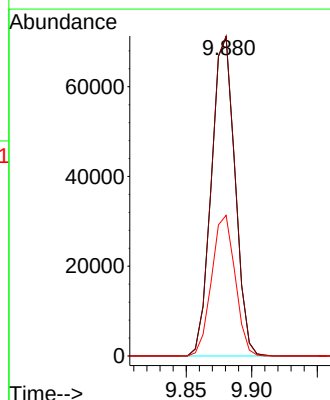
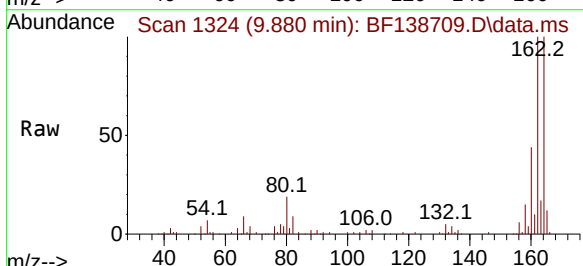
Tgt Ion:164 Resp: 88721

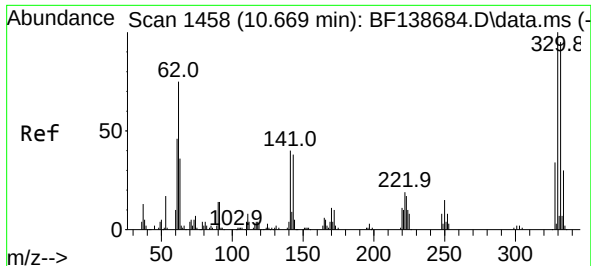
Ion Ratio Lower Upper

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

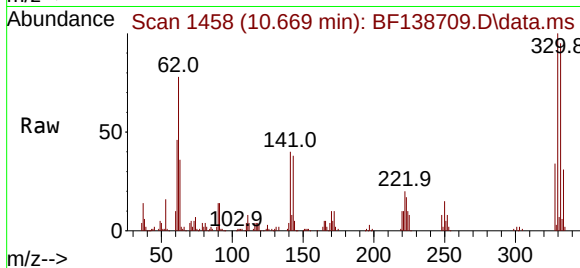
Acq: 31 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

WC-8-TCLP VOC



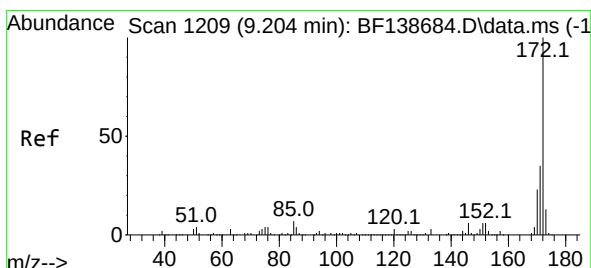
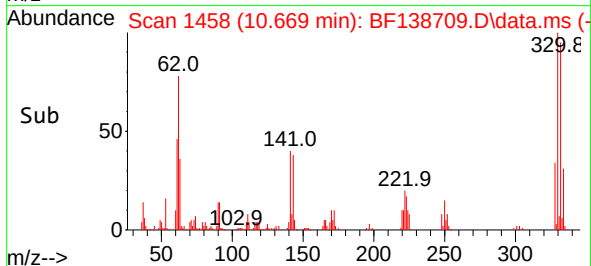
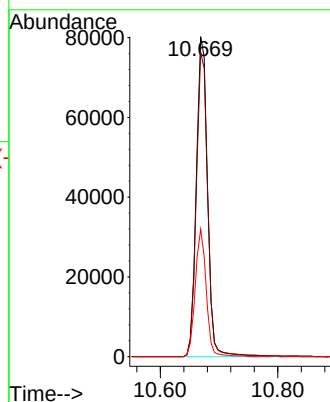
Tgt Ion:330 Resp: 106794

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

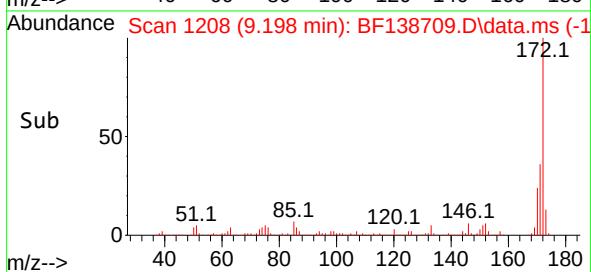
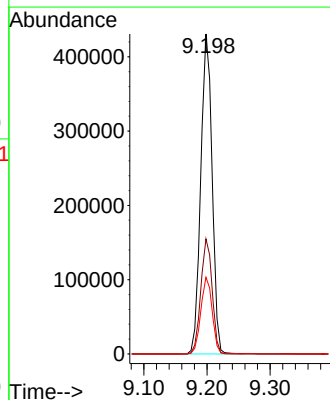
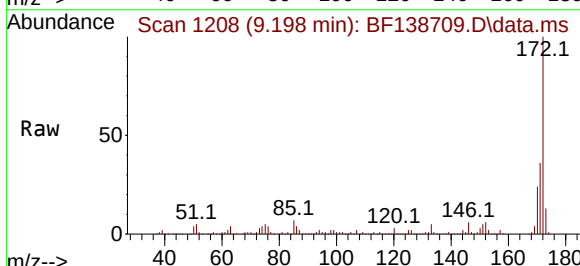
Tgt Ion:172 Resp: 538100

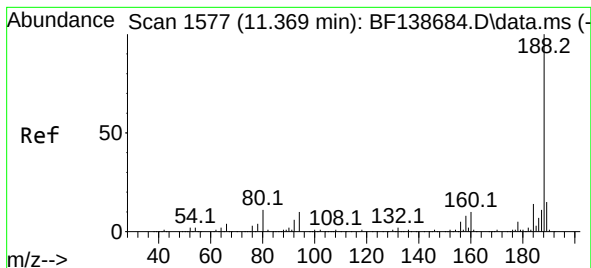
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 24.0 18.8 28.2





#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

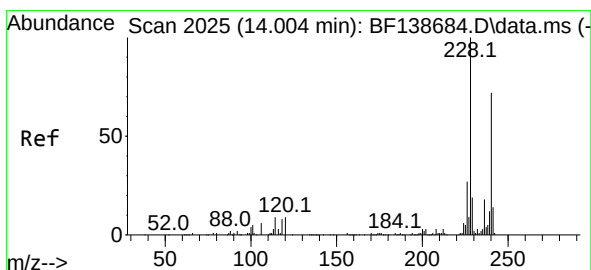
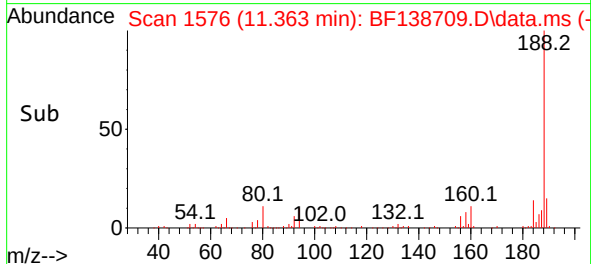
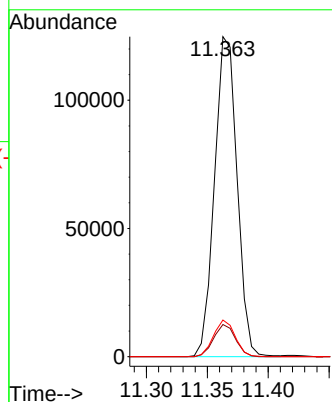
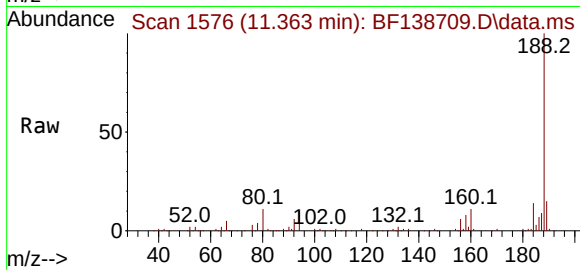
Tgt Ion:188 Resp: 160672

Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

80 11.4 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF138709.D

Acq: 31 Jul 2024 18:35

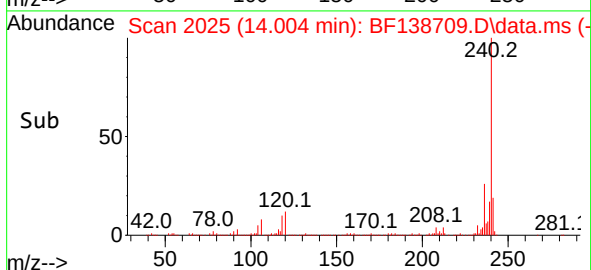
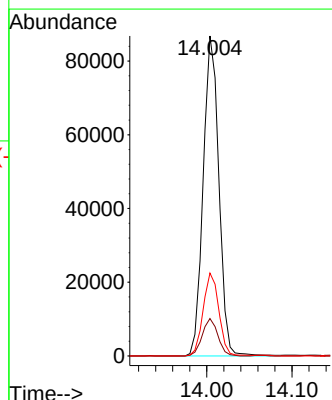
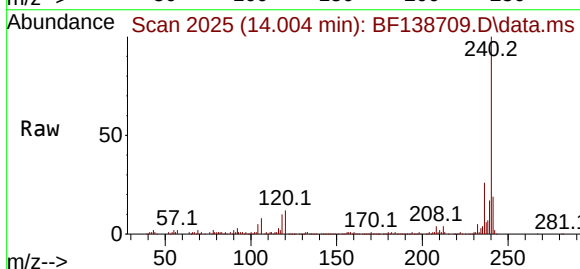
Tgt Ion:240 Resp: 110901

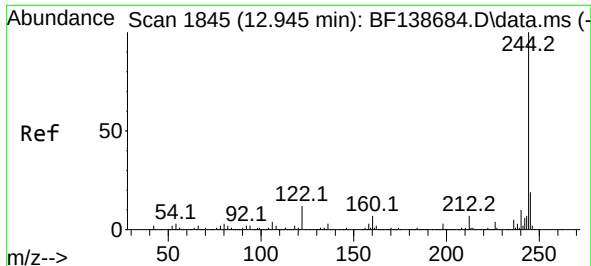
Ion Ratio Lower Upper

240 100

120 11.7 10.2 15.4

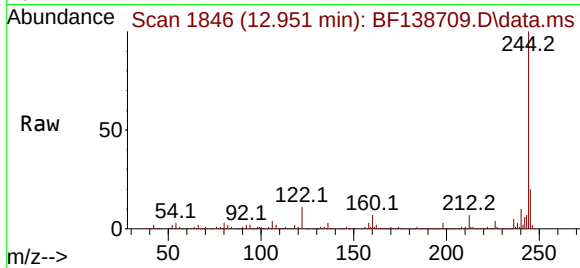
236 25.9 19.8 29.8



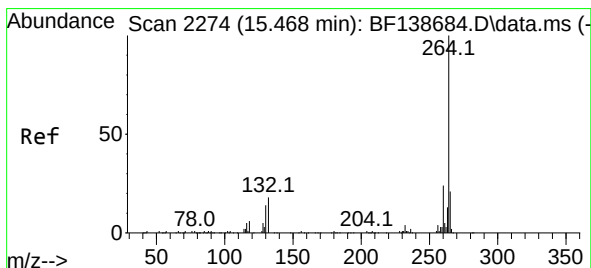
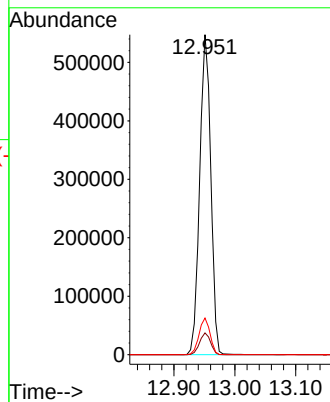
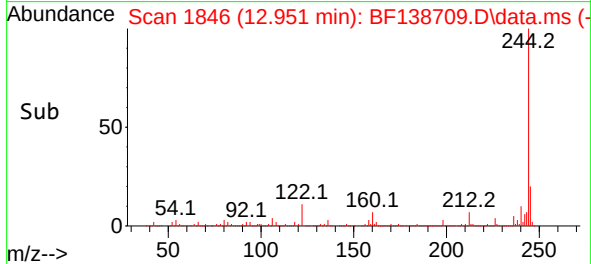


#79
 Terphenyl-d14
 Concen: 104.212 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138709.D
 Acq: 31 Jul 2024 18:35

Instrument :
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 WC-8-TCLP VOC



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# 2274
 Delta R.T. 0.000 min
 Lab File: BF138709.D
 Acq: 31 Jul 2024 18:35

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

