

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

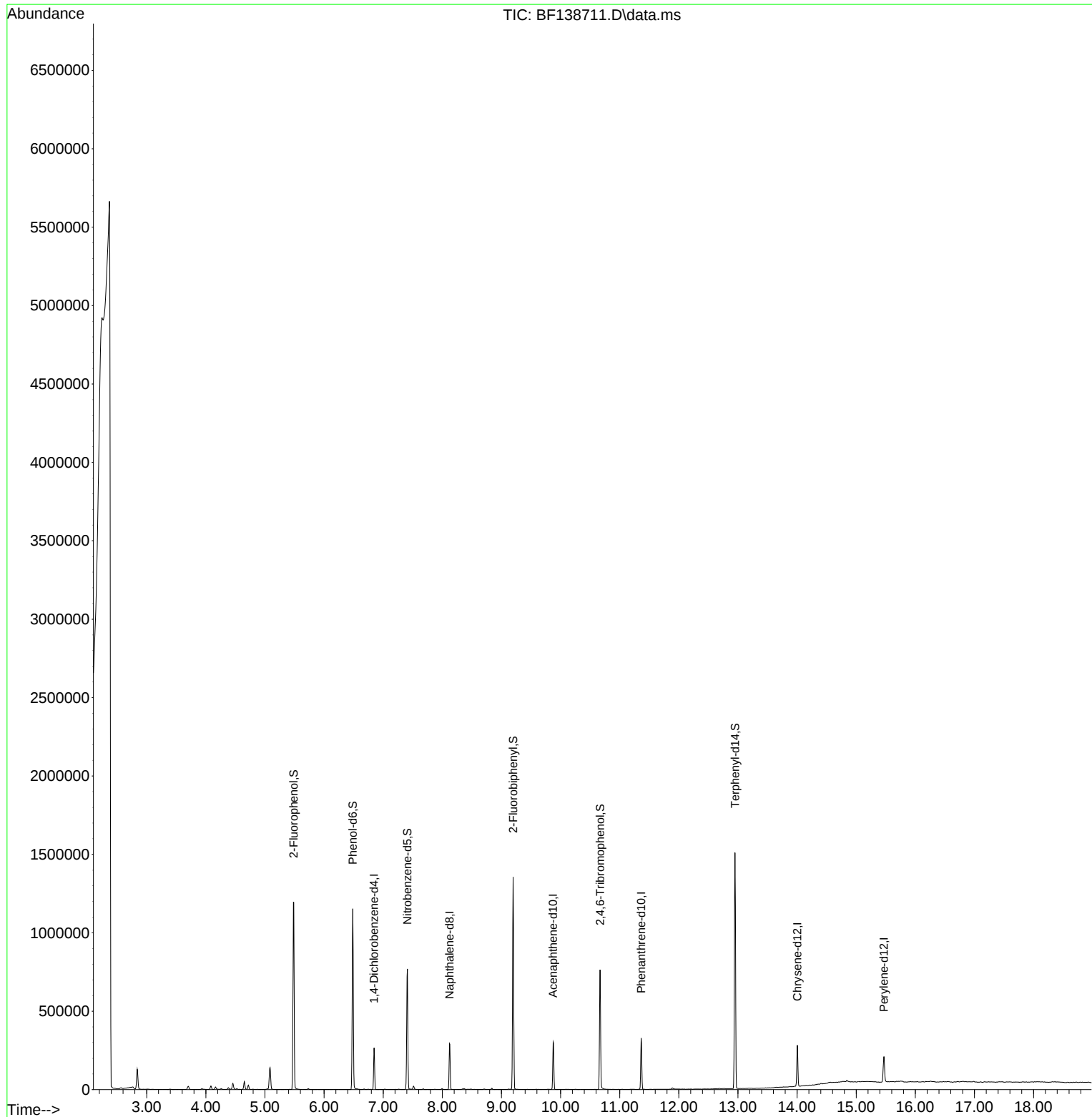
Target Compounds	Qvalue

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

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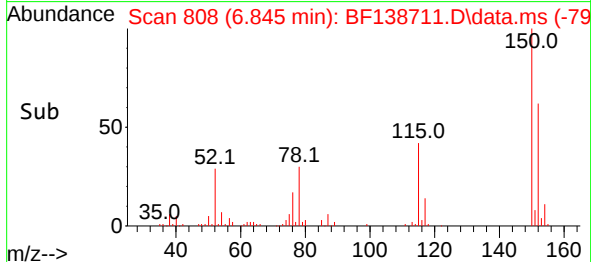
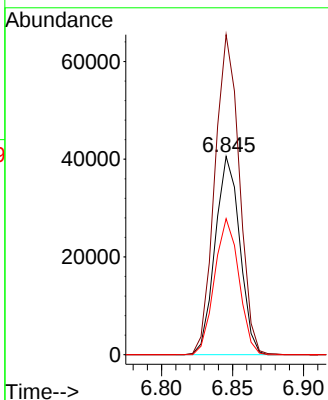
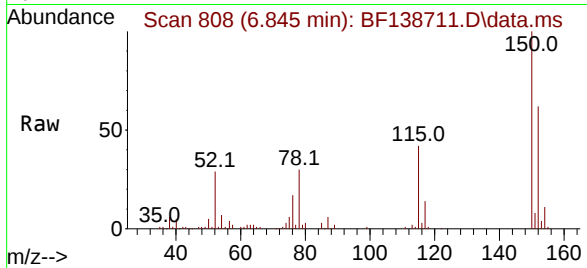




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

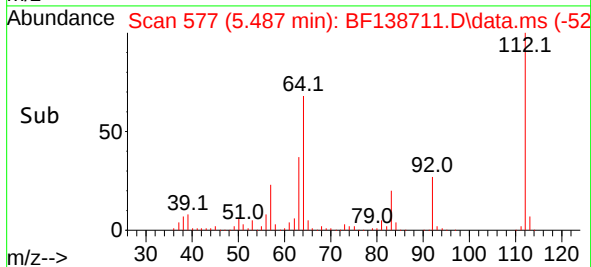
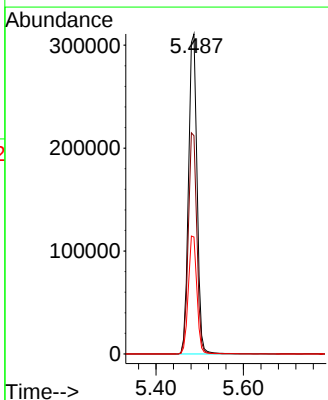
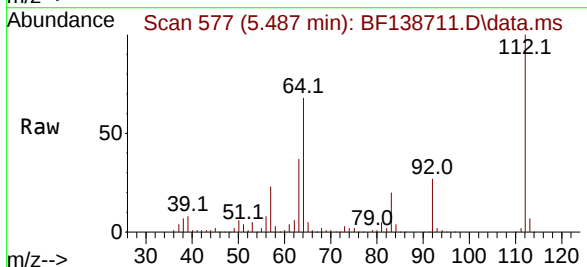
Instrument :
BNA_F
ClientSampleId :
WC-10-TCLP VOC

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# 74

Delta R.T. -0.000 min

Lab File: BF138711.D

Acq: 31 Jul 2024 19:37

Instrument :

BNA_F

ClientSampleId :

WC-10-TCLP VOC

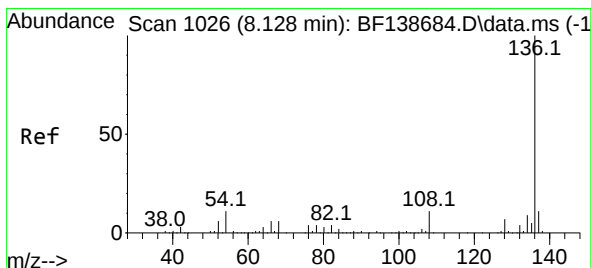
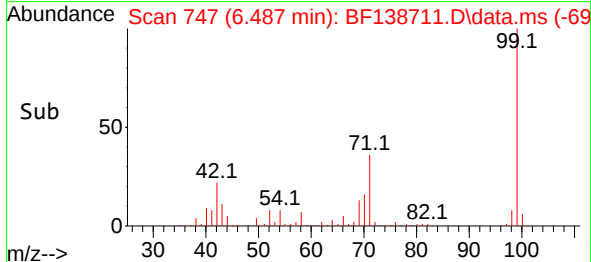
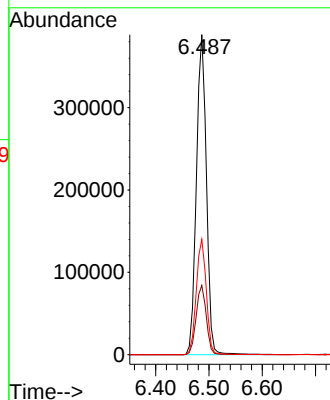
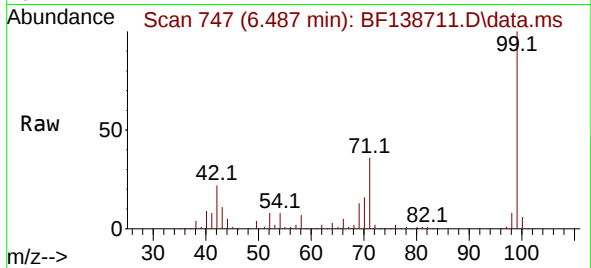
Tgt Ion: 99 Resp: 507094

Ion Ratio Lower Upper

99 100

42 21.7 17.4 26.0

71 36.1 28.1 42.1



#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

Tgt Ion: 136 Resp: 180418

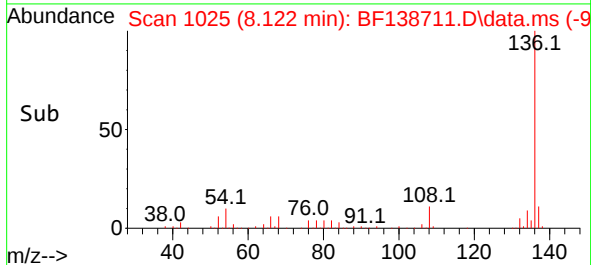
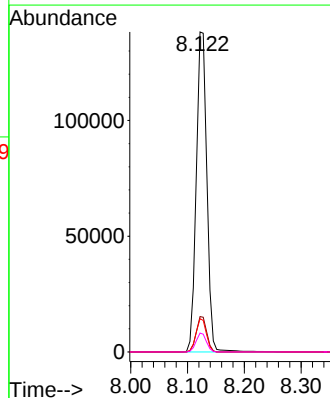
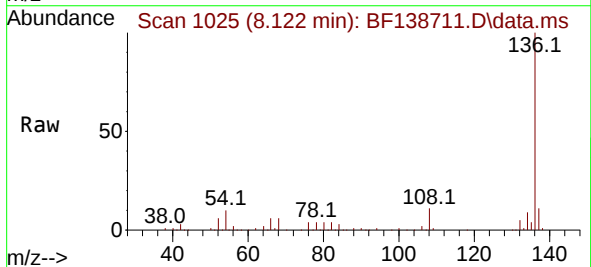
Ion Ratio Lower Upper

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

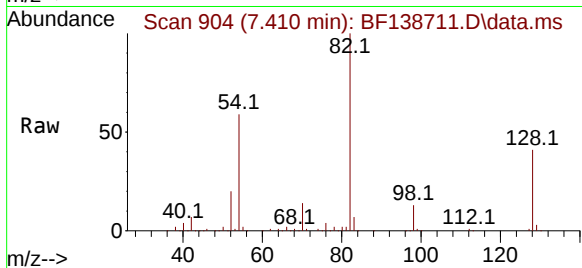
Acq: 31 Jul 2024 19:37

Instrument :

BNA_F

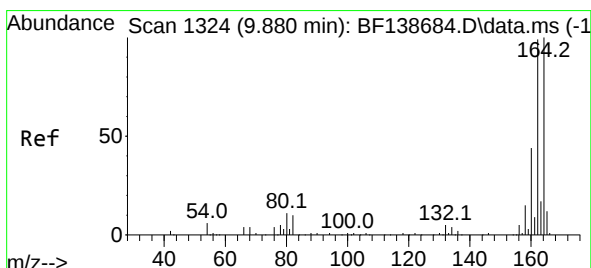
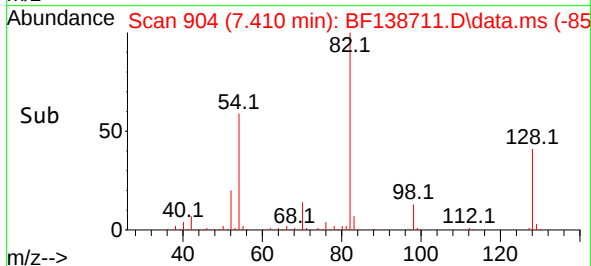
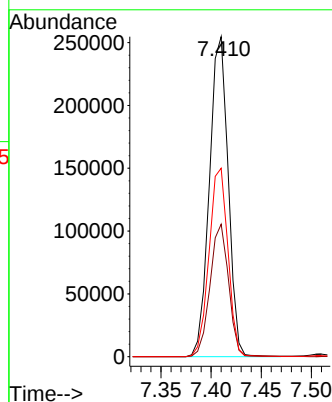
ClientSampleId :

WC-10-TCLP VOC



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

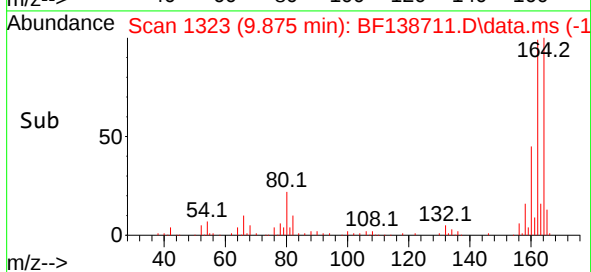
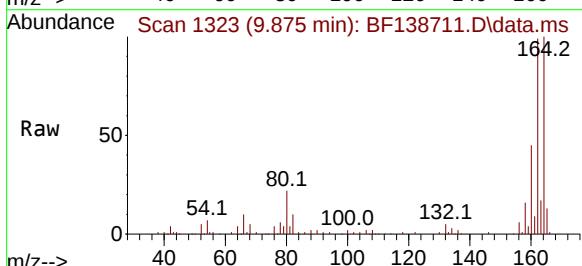
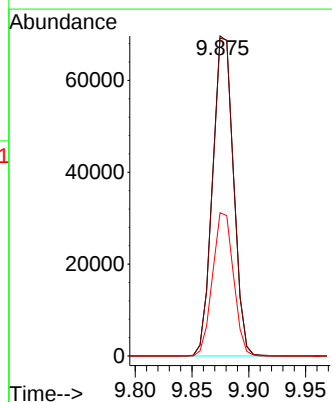
Delta R.T. -0.005 min

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

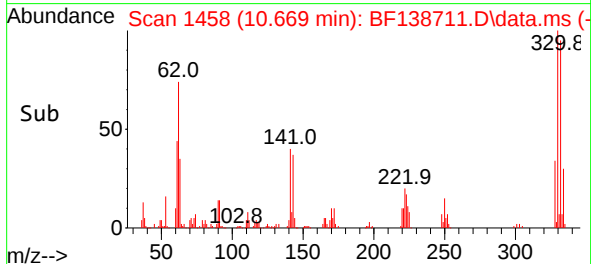
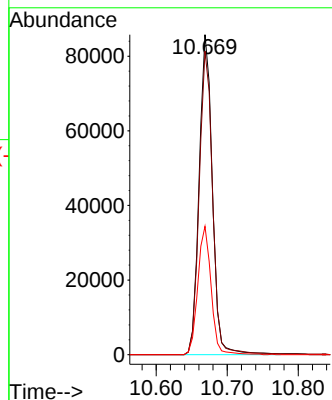
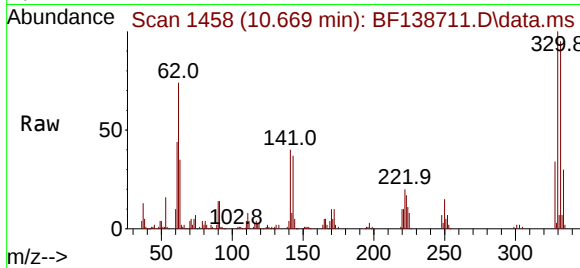




#42
2,4,6-Tribromophenol
Concen: 152.794 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

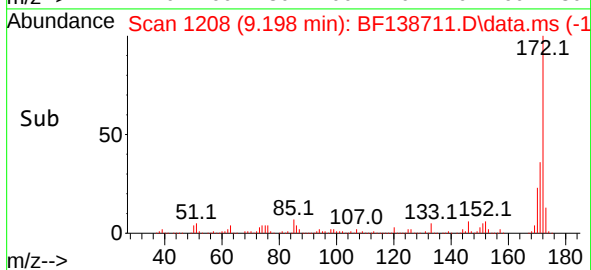
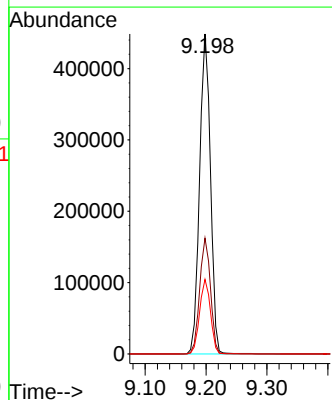
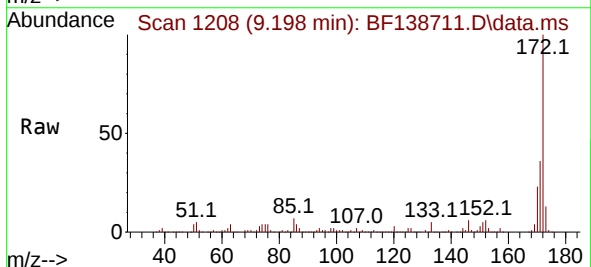
Instrument :
BNA_F
ClientSampleId :
WC-10-TCLP VOC

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

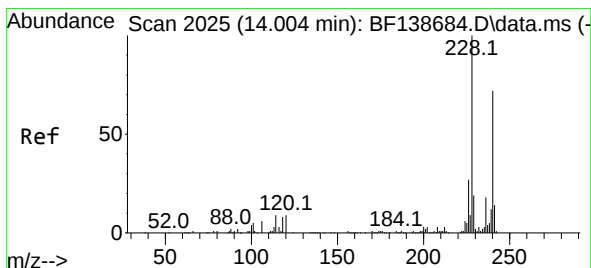
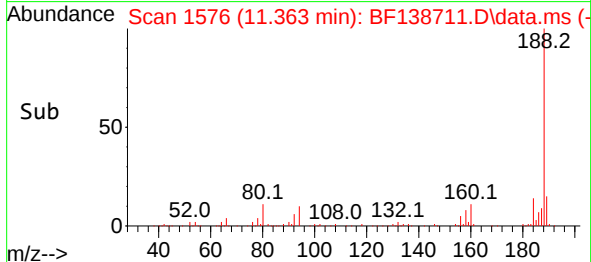
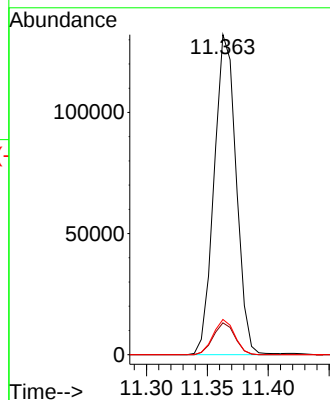
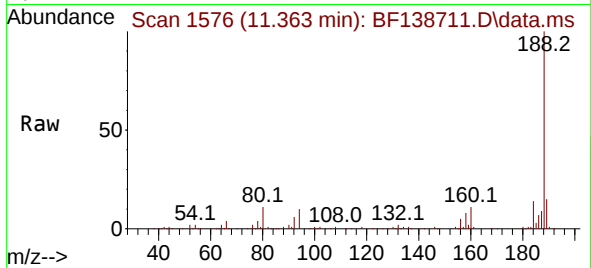




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

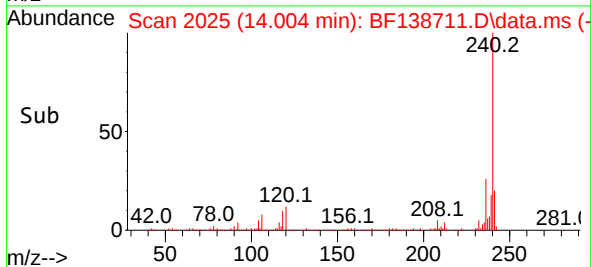
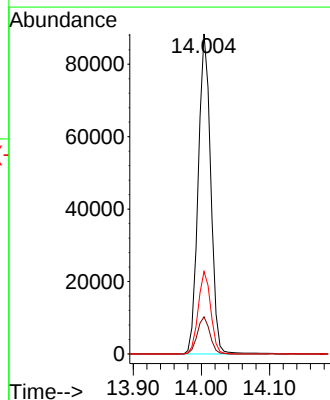
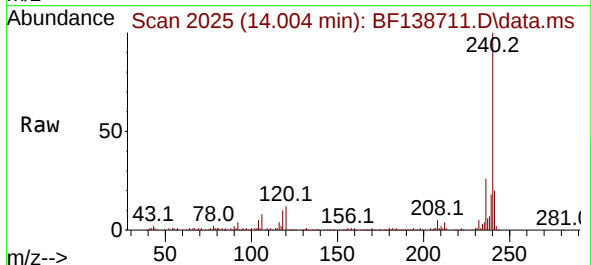
Instrument :
BNA_F
ClientSampleId :
WC-10-TCLP VOC

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



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

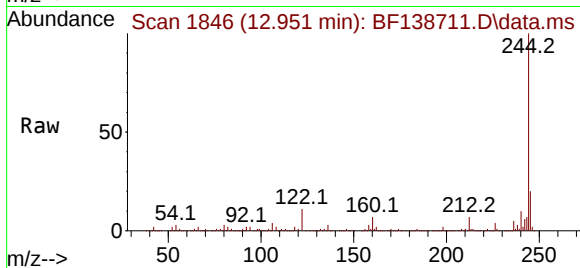
Tgt Ion:240 Resp: 112470
Ion Ratio Lower Upper
240 100
120 11.6 10.2 15.4
236 25.8 19.8 29.8



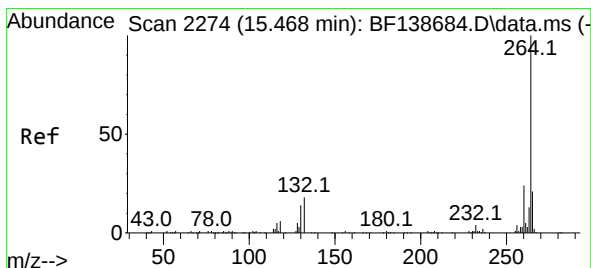
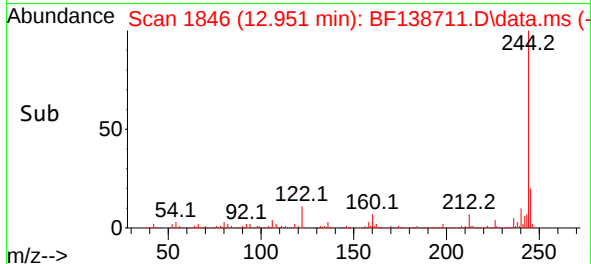
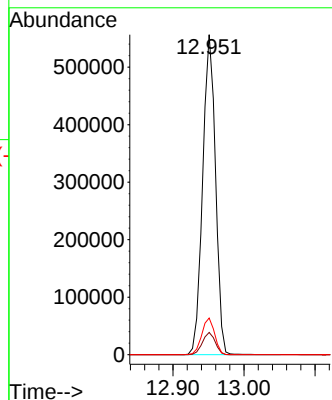


#79
Terphenyl-d14
Concen: 104.319 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF138711.D
Acq: 31 Jul 2024 19:37

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

