

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)

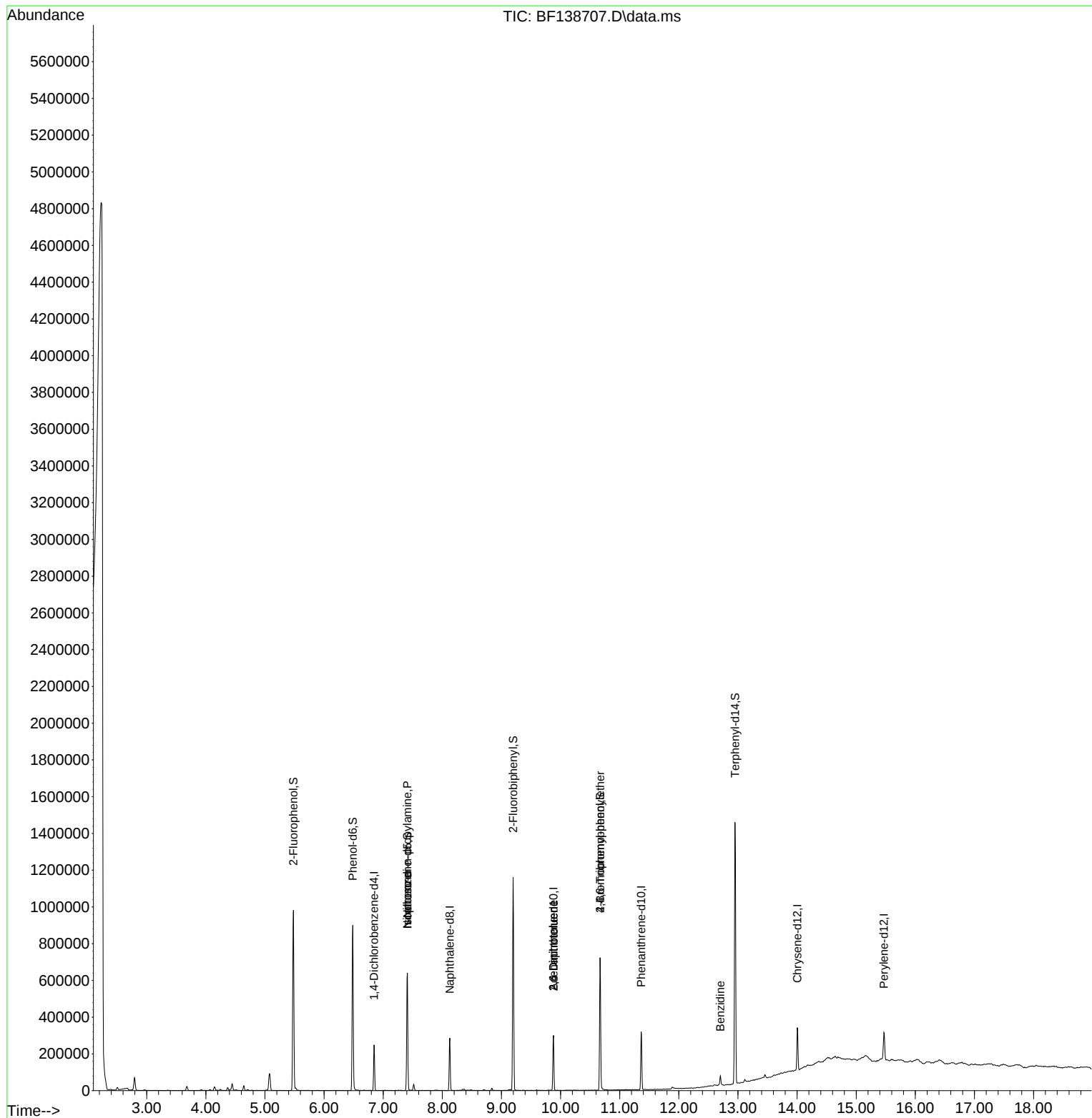
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	46848	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	168140	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	83542	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	158959	20.000	ng	0.00
76) Chrysene-d12	14.004	240	106623	20.000	ng	0.00
86) Perylene-d12	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						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	36008	14.631	ng	# 76
25) Isophorone	7.410	82	273057	46.499	ng	# 66
51) 2,6-Dinitrotoluene	9.880	165	10971	9.100	ng	# 19
57) 2,4-Dinitrotoluene	9.880	165	10971	7.133	ng	# 16
67) 4-Bromophenyl-phenylether	10.669	248	7576	4.402	ng	# 1
77) Benzidine	12.704	184	25833	10.130	ng	94

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

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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
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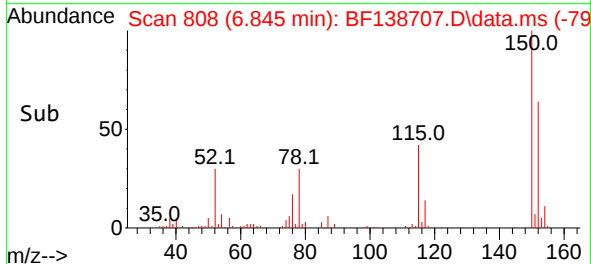
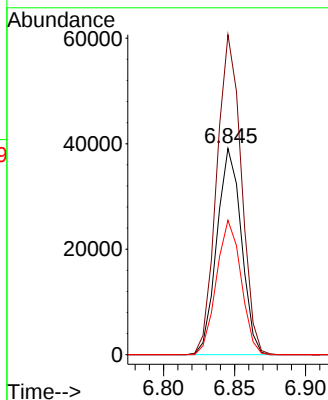
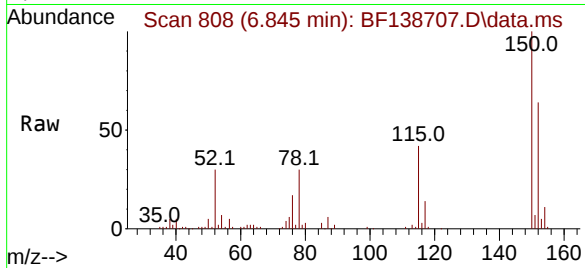




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32

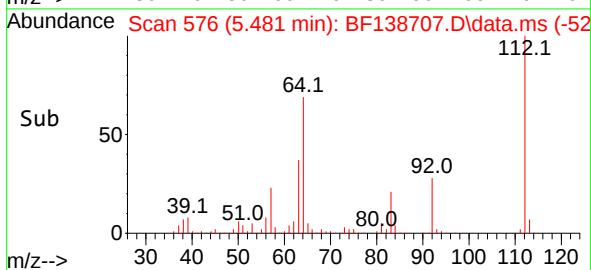
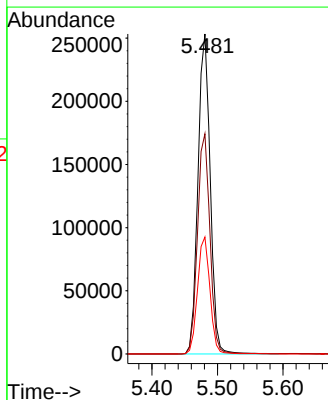
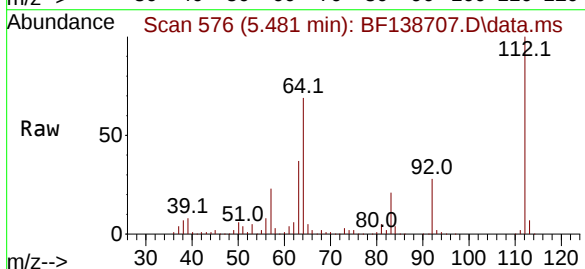
Instrument :
BNA_F
ClientSampleId :
WC-6-TCLP VOC

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

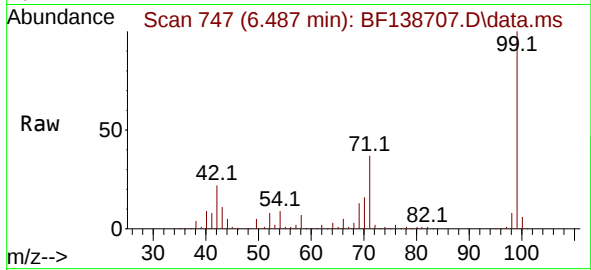
Tgt Ion:112 Resp: 330552
Ion Ratio Lower Upper
112 100
64 68.8 54.2 81.4
63 36.5 28.7 43.1



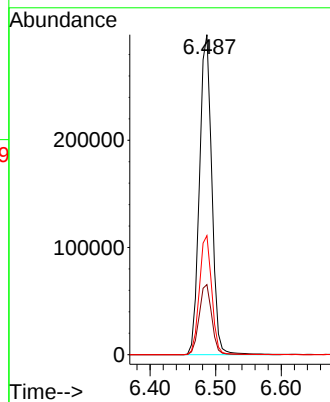
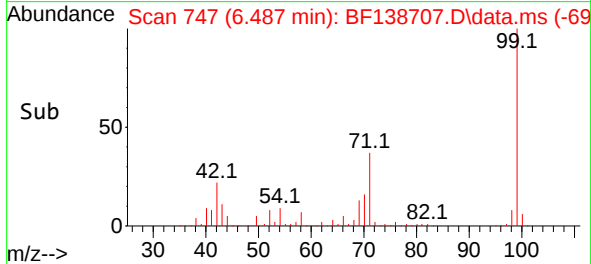


#7
Phenol-d6
Concen: 96.041 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32

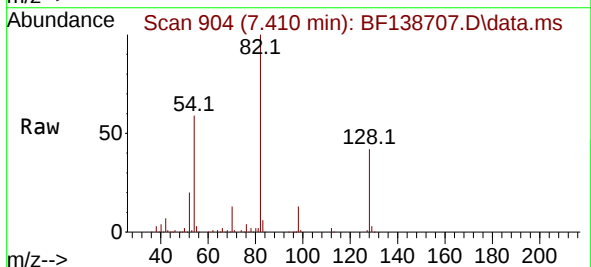
Instrument :
BNA_F
ClientSampleId :
WC-6-TCLP VOC



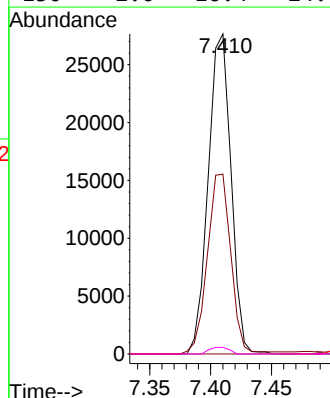
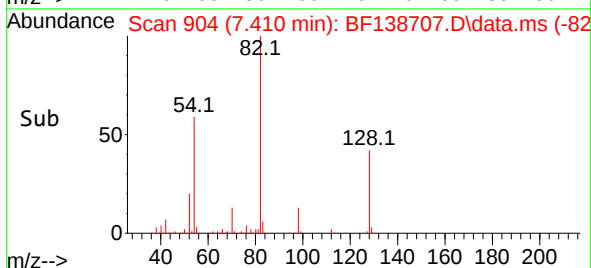
Tgt Ion: 99 Resp: 391331
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 37.2 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.631 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32



Tgt Ion: 70 Resp: 36008
Ion Ratio Lower Upper
70 100
42 56.2 57.4 86.0#
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#

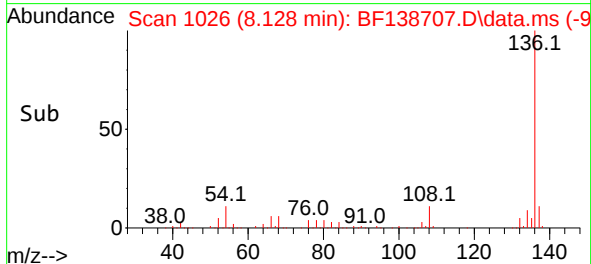
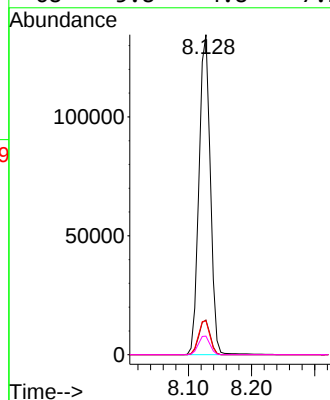
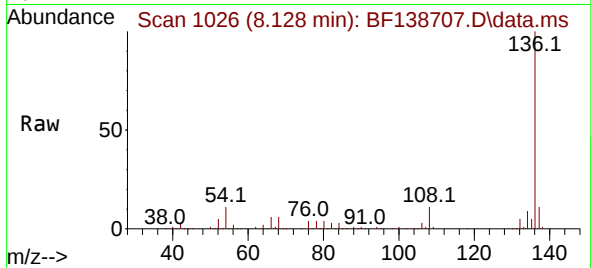




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32

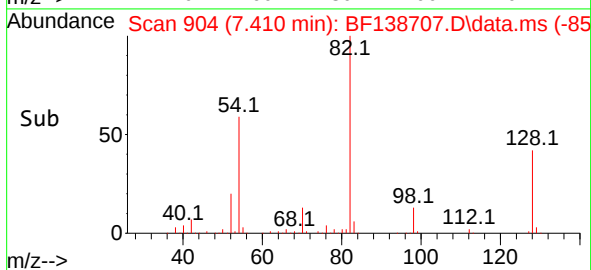
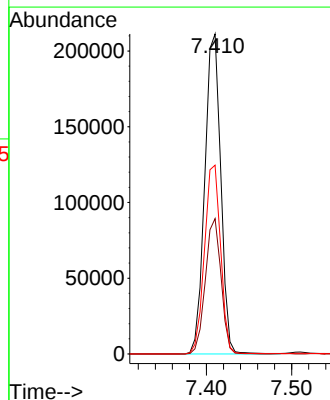
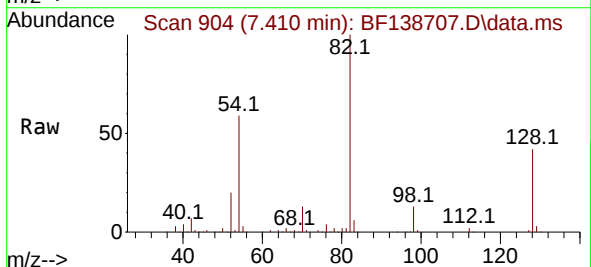
Instrument :
BNA_F
ClientSampleId :
WC-6-TCLP VOC

Tgt Ion:	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

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

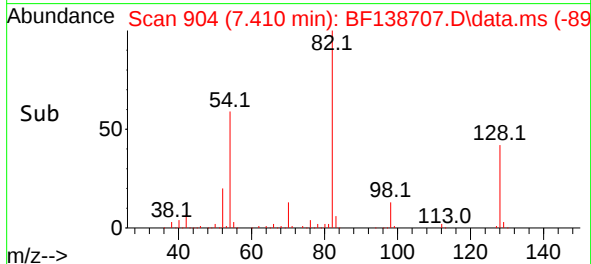
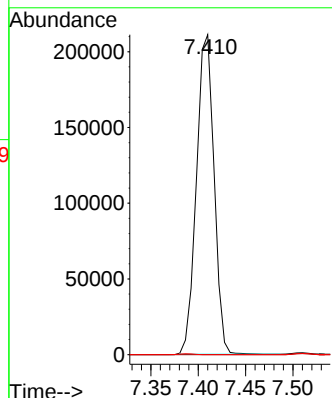
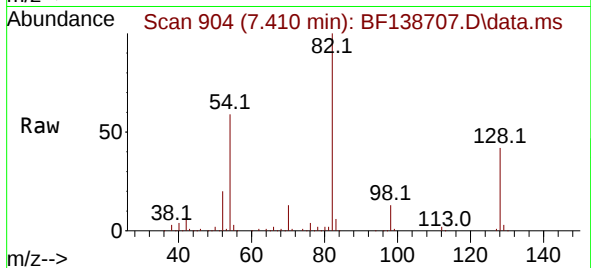




#25
Isophorone
Concen: 46.499 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32

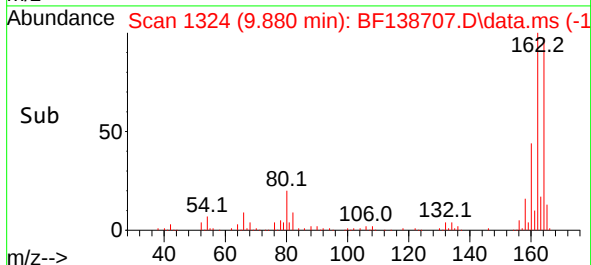
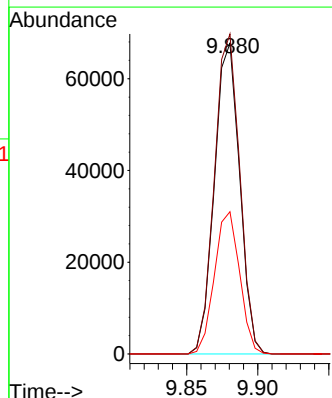
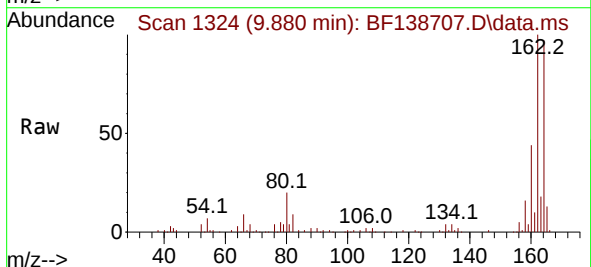
Instrument :
BNA_F
ClientSampleId :
WC-6-TCLP VOC

Tgt Ion: 82 Resp: 273057
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: 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

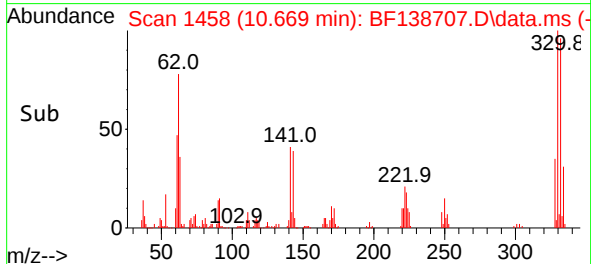
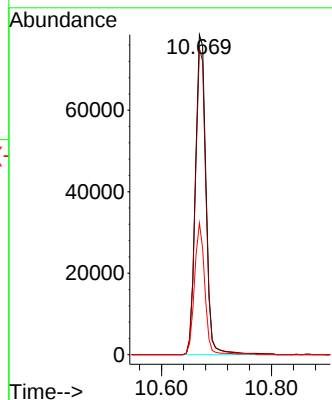
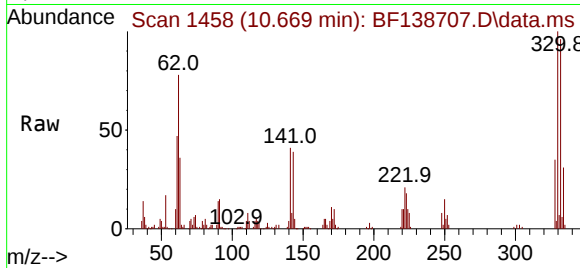




#42
2,4,6-Tribromophenol
Concen: 154.197 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32

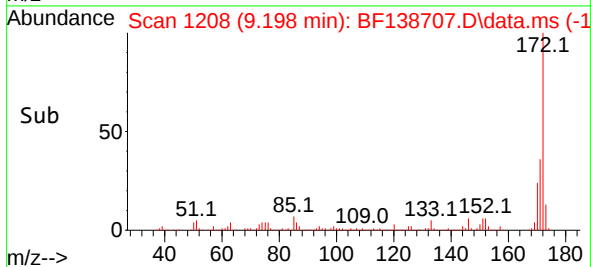
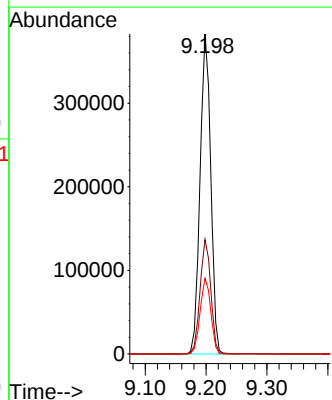
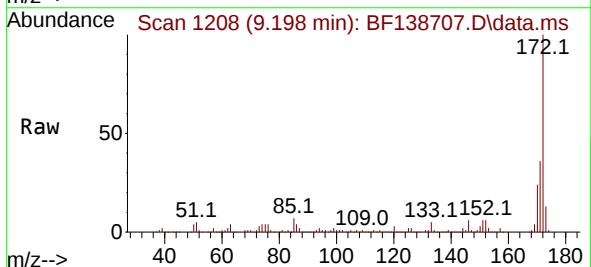
Instrument :
BNA_F
ClientSampleId :
WC-6-TCLP VOC

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

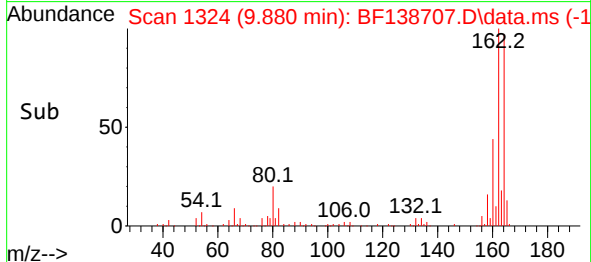
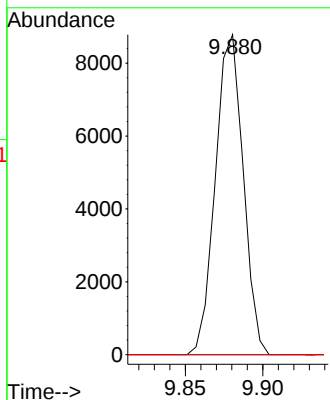
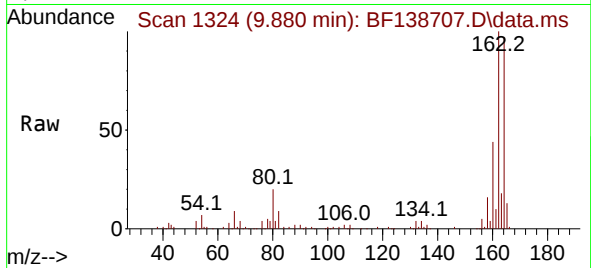




#51
2,6-Dinitrotoluene
Concen: 9.100 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32

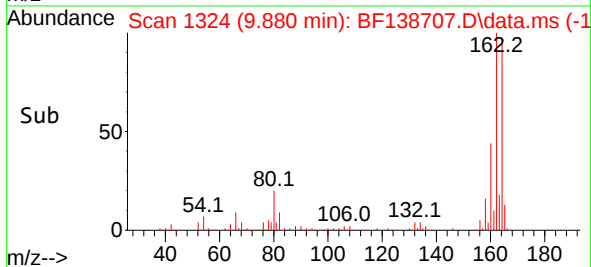
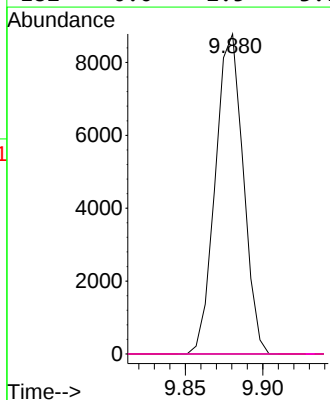
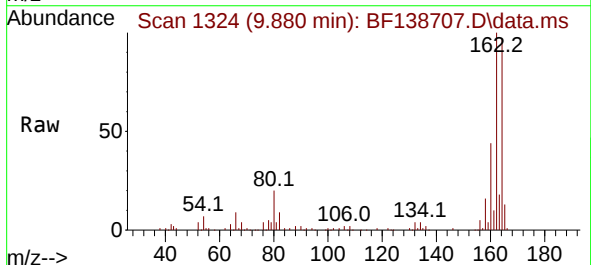
Instrument :
BNA_F
ClientSampleId :
WC-6-TCLP VOC

Tgt Ion:165 Resp: 10971
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.133 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32

Tgt Ion:165 Resp: 10971
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#

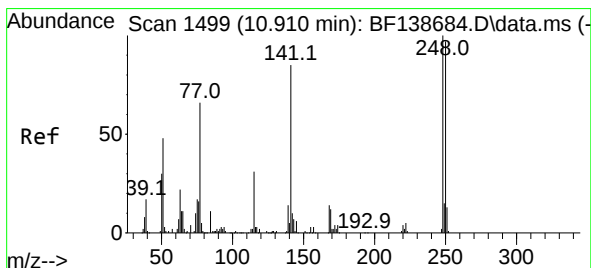
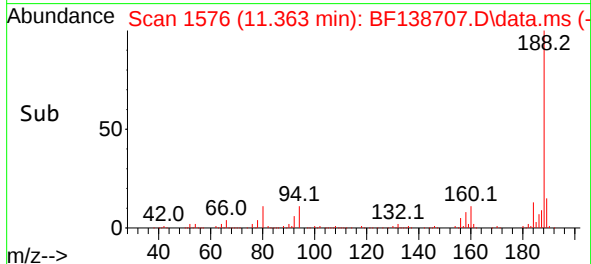
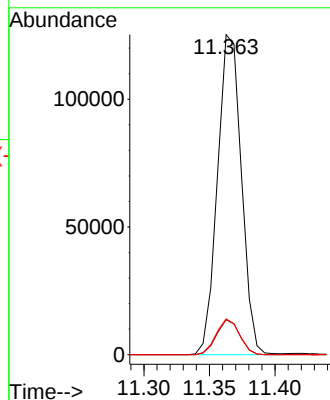
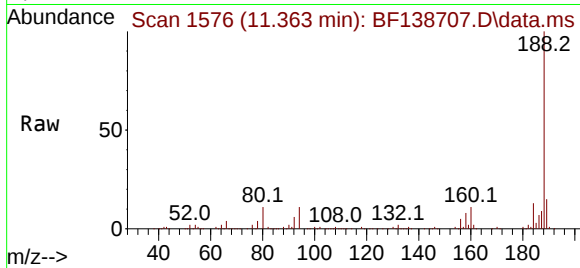




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32

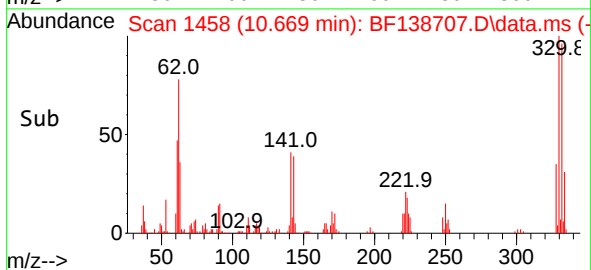
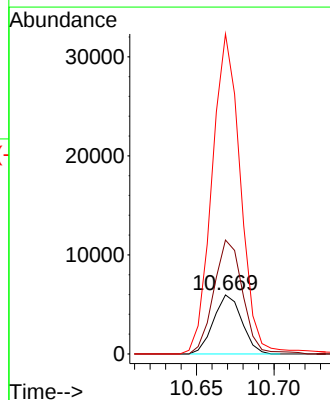
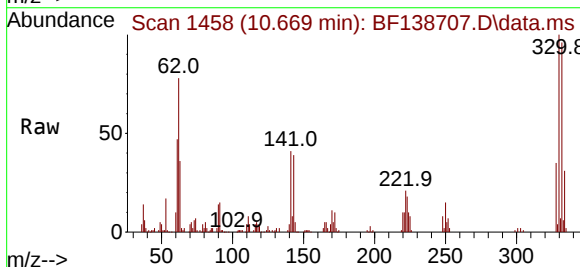
Instrument :
BNA_F
ClientSampleId :
WC-6-TCLP VOC

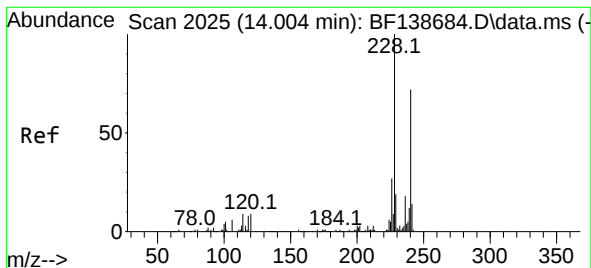
Tgt Ion:188 Resp: 158959
Ion Ratio Lower Upper
188 100
94 10.9 7.6 11.4
80 11.2 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 4.402 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138707.D
Acq: 31 Jul 2024 17:32

Tgt Ion:248 Resp: 7576
Ion Ratio Lower Upper
248 100
250 193.0 77.7 116.5#
141 542.2 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: BF138707.D

Acq: 31 Jul 2024 17:32

Instrument :

BNA_F

ClientSampleId :

WC-6-TCLP VOC

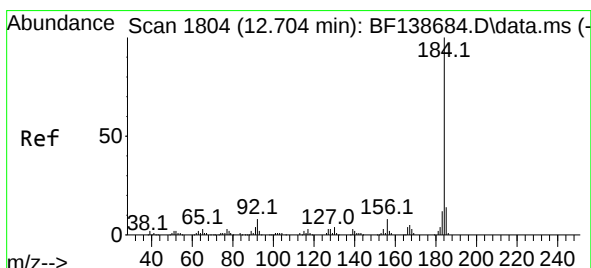
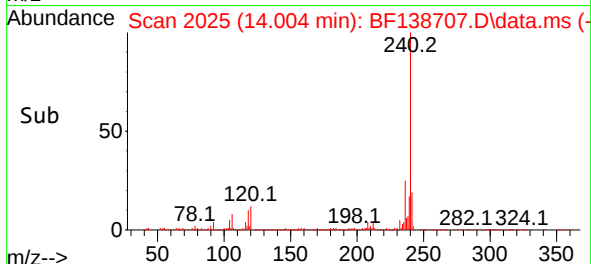
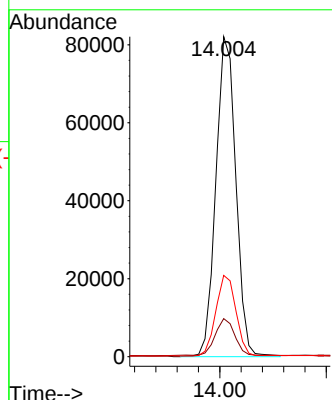
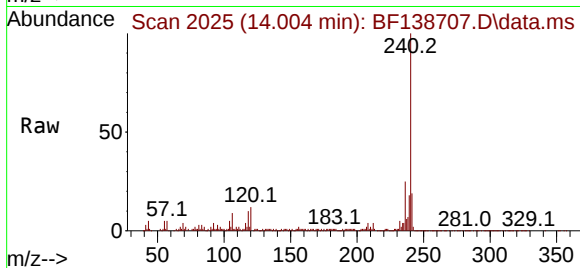
Tgt Ion:240 Resp: 106623

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

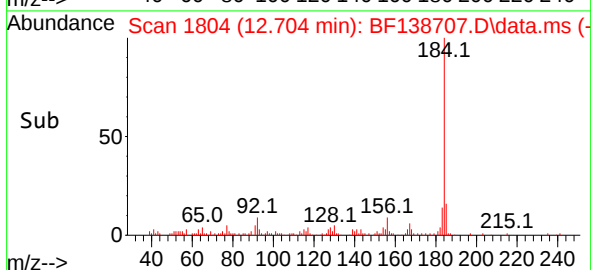
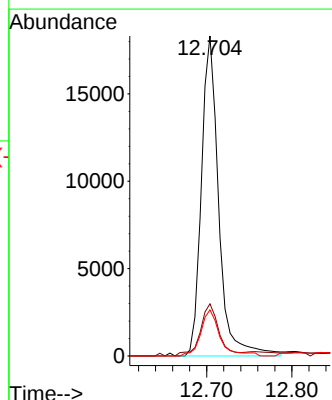
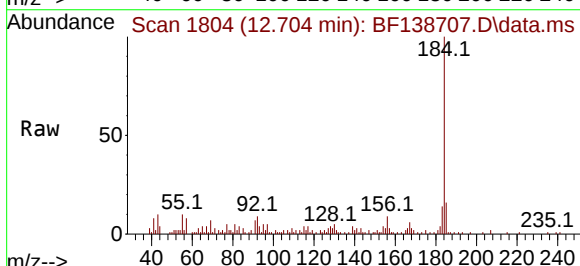
Tgt Ion:184 Resp: 25833

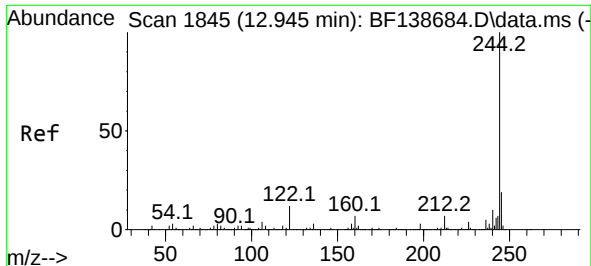
Ion Ratio Lower Upper

184 100

185 16.3 11.1 16.7

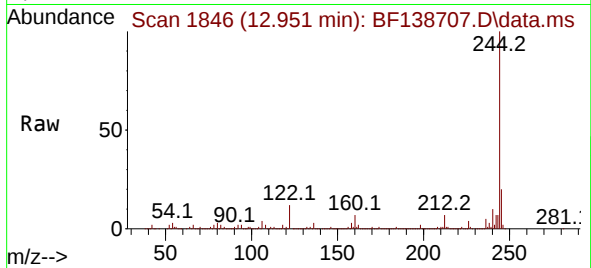
183 14.4 9.6 14.4



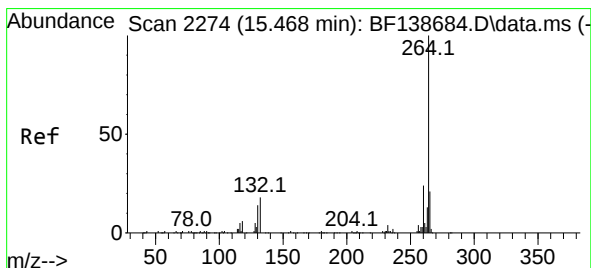
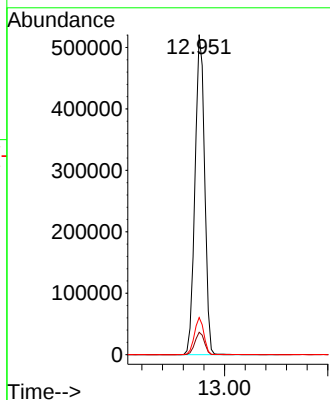
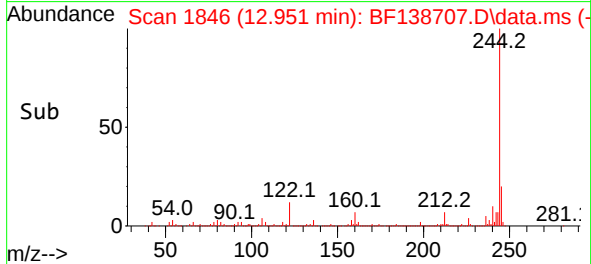


#79
 Terphenyl-d14
 Concen: 105.570 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138707.D
 Acq: 31 Jul 2024 17:32

Instrument :
 BNA_F
 ClientSampleId :
 WC-6-TCLP VOC



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# 2274
 Delta R.T. -0.000 min
 Lab File: BF138707.D
 Acq: 31 Jul 2024 17:32

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

