

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
 Data File : BP026193.D
 Acq On : 26 Nov 2025 18:32
 Operator : RC/JU
 Sample : Q3483-11DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HW1025-PT-BNA-SOILD

Quant Time: Dec 01 12:00:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	290064	20.000	ng	-0.02
21) Naphthalene-d8	10.419	136	1229874	20.000	ng	-0.03
39) Acenaphthene-d10	14.289	164	837371	20.000	ng	-0.04
64) Phenanthrene-d10	17.101	188	1750809	20.000	ng	-0.03
76) Chrysene-d12	21.548	240	1874137	20.000	ng	-0.02
86) Perylene-d12	24.848	264	2122338	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	251447	13.914	ng	0.00
7) Phenol-d6	6.837	99	337217	14.658	ng	-0.02
23) Nitrobenzene-d5	8.790	82	202153	9.337	ng	-0.02
42) 2,4,6-Tribromophenol	15.813	330	246059	22.652	ng	-0.02
45) 2-Fluorobiphenyl	12.895	172	737365	12.906	ng	-0.04
79) Terphenyl-d14	19.830	244	1501138	16.332	ng	-0.04
Target Compounds						Qvalue
10) Phenol	6.860	94	139742	5.638	ng	96
11) bis(2-Chloroethyl)ether	7.084	93	588683	30.336	ng	98
12) 1,3-Dichlorobenzene	7.549	146	594986	26.848	ng	100
13) 1,4-Dichlorobenzene	7.690	146	420998	18.853	ng	99
14) 1,2-Dichlorobenzene	8.002	146	245706	11.458	ng	99
18) Hexachloroethane	8.725	117	77804	9.576	ng	97
19) n-Nitroso-di-n-propyla...	8.449	70	468124	32.753	ng	99
25) Isophorone	9.360	82	470685	10.966	ng	99
30) 1,2,4-Trichlorobenzene	10.290	180	493756	24.276	ng	100
31) Naphthalene	10.472	128	1497768	22.534	ng	99
34) Hexachlorobutadiene	10.766	225	367343	27.770	ng	100
36) 4-Chloro-3-methylphenol	11.707	107	319258	15.039	ng	98
37) 2-Methylnaphthalene	12.084	142	1313387	27.872	ng	99
43) 2,4,6-Trichlorophenol	12.701	196	420412	24.219	ng	99
44) 2,4,5-Trichlorophenol	12.772	196	492854	25.436	ng	99
49) Acenaphthylene	14.001	152	1029735	12.591	ng	99
50) Dimethylphthalate	13.742	163	1690727	27.033	ng	100
52) Acenaphthene	14.354	154	967215	20.180	ng	99
55) Dibenzofuran	14.701	168	1367298	18.419	ng	99
56) 4-Nitrophenol	14.507	139	197402	14.955	ng	93
57) 2,4-Dinitrotoluene	14.654	165	299733	16.198	ng	96
58) Fluorene	15.360	166	1802617	30.722	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.925	232	336922	20.497	ng	99
60) Diethylphthalate	15.136	149	2058376	32.671	ng	100
68) Hexachlorobenzene	16.383	284	483979	21.511	ng	99
70) Pentachlorophenol	16.742	266	319415	20.295	ng	99
72) Anthracene	17.230	178	1369823	13.617	ng	100
73) Carbazole	17.519	167	739184	7.737	ng	100
80) Butylbenzylphthalate	20.577	149	812761	15.019	ng	97
81) Benzo(a)anthracene	21.530	228	2053910	15.957	ng	100
83) Chrysene	21.595	228	976031	8.046	ng	98
85) Di-n-octyl phthalate	22.760	149	3920389	27.369	ng	99
88) Benzo(b)fluoranthene	23.807	252	1170272	9.055	ng	100
89) Benzo(k)fluoranthene	23.883	252	2498737	19.356	ng	100
90) Benzo(a)pyrene	24.689	252	2144720	17.518	ng	99

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BNA_P
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HW1025-PT-BNA-SOILDL

Quant Time: Dec 01 12:00:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

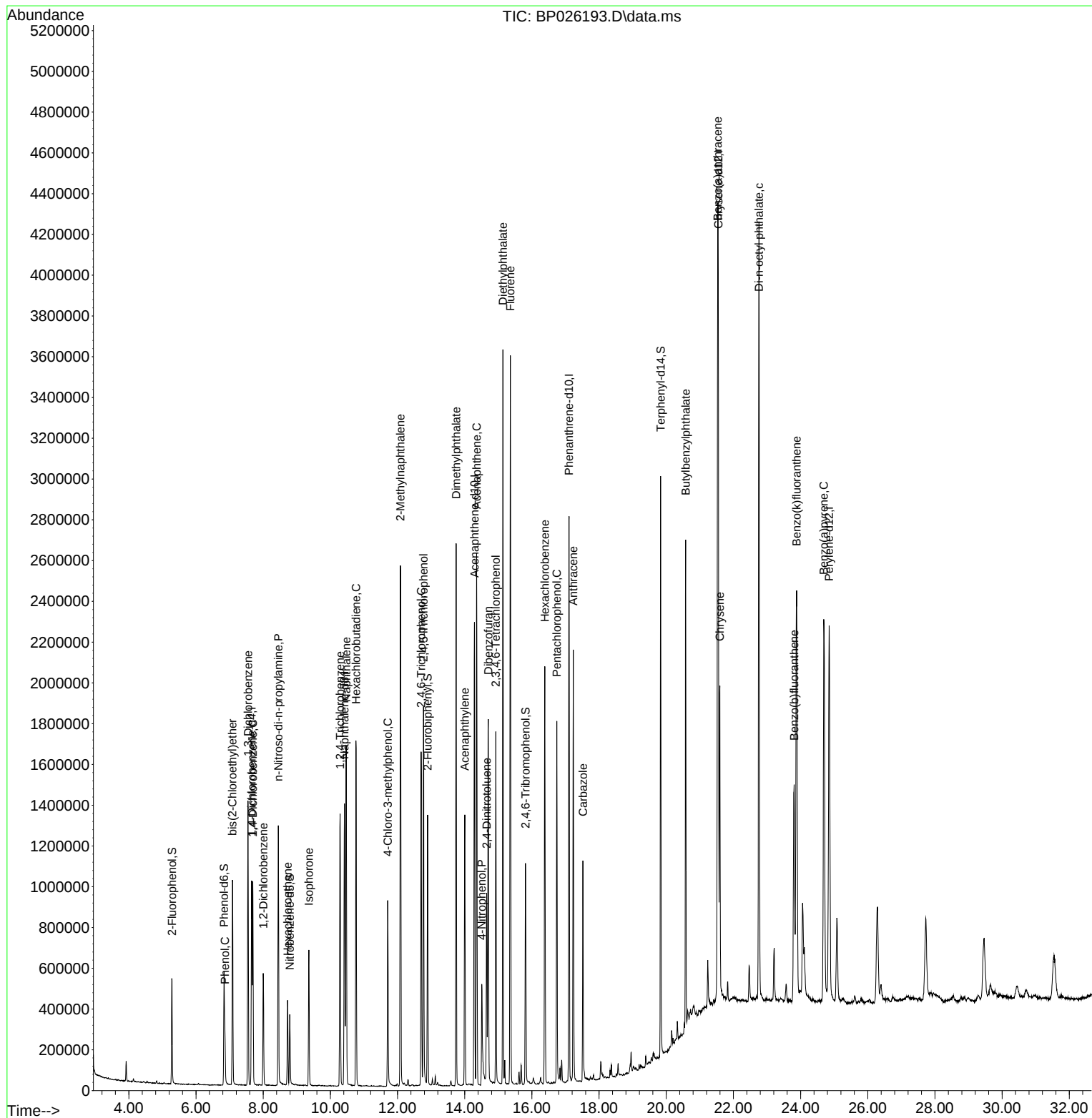
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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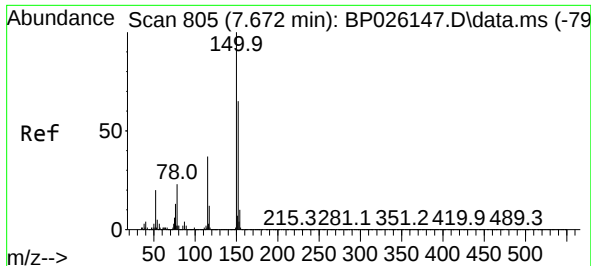
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
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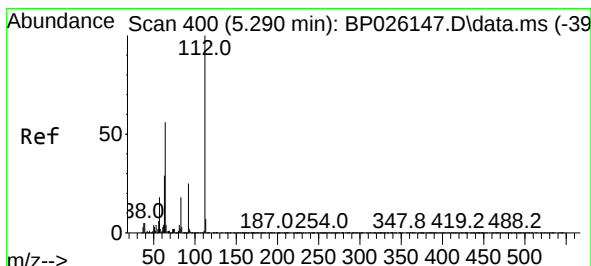
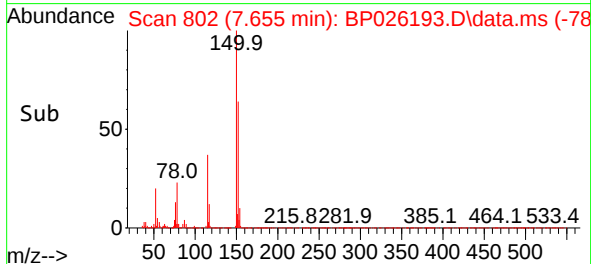
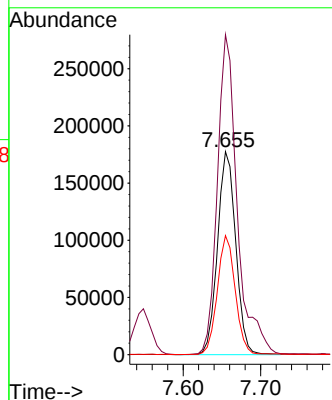
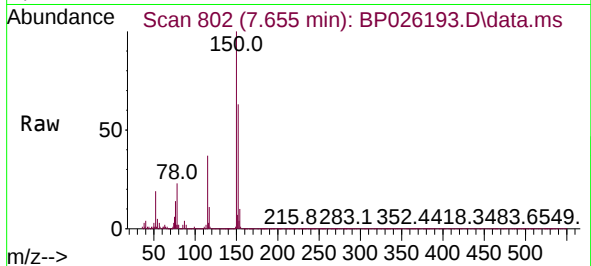




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

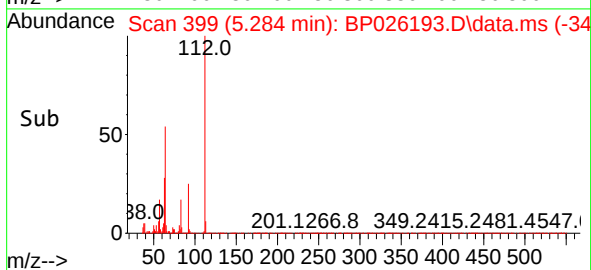
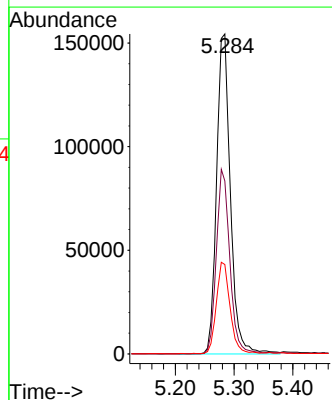
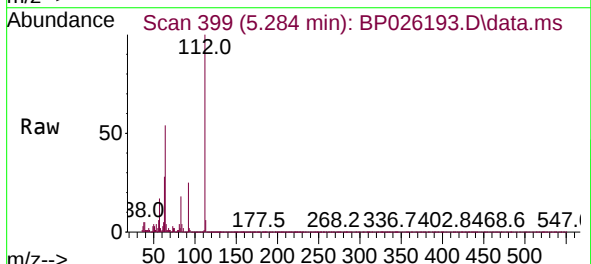
Instrument :
BNA_P
ClientSampleId :
HW1025-PT-BNA-SOILDL

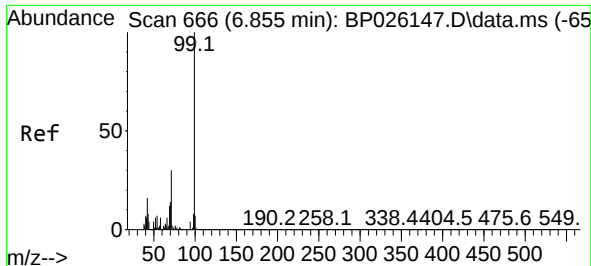
Tgt Ion:152 Resp: 290064
Ion Ratio Lower Upper
152 100
150 157.7 123.0 184.6
115 58.6 46.3 69.5



#5
2-Fluorophenol
Concen: 13.914 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:112 Resp: 251447
Ion Ratio Lower Upper
112 100
64 54.0 45.8 68.6
63 27.9 23.5 35.3

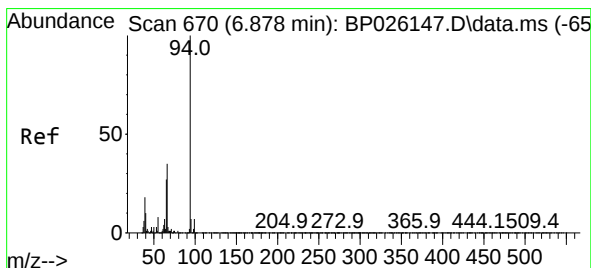
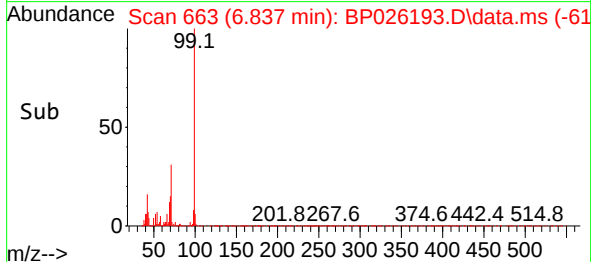
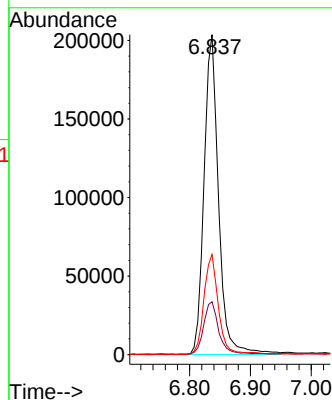
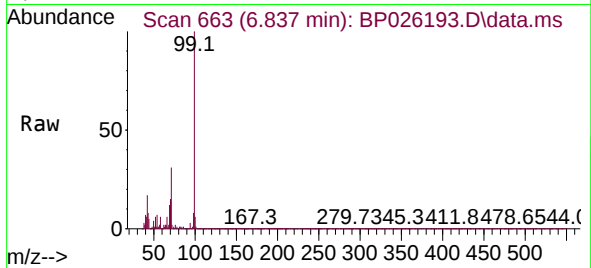




#7
Phenol-d6
Concen: 14.658 ng
RT: 6.837 min Scan# 663
Delta R.T. -0.018 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

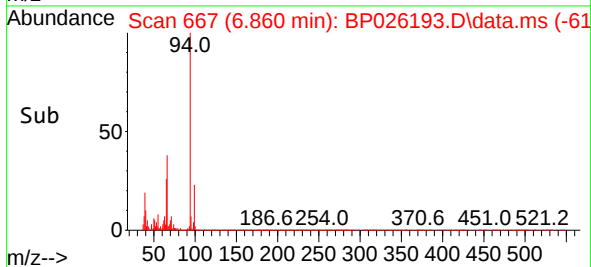
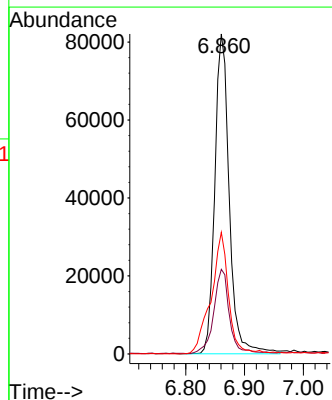
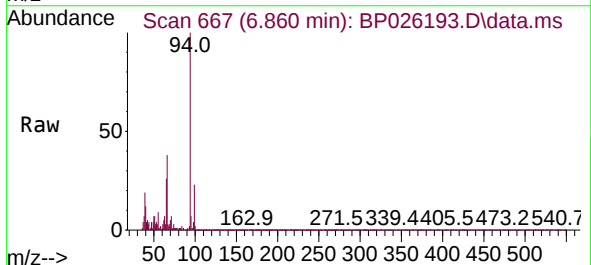
Instrument :
BNA_P
ClientSampleId :
HW1025-PT-BNA-SOILD

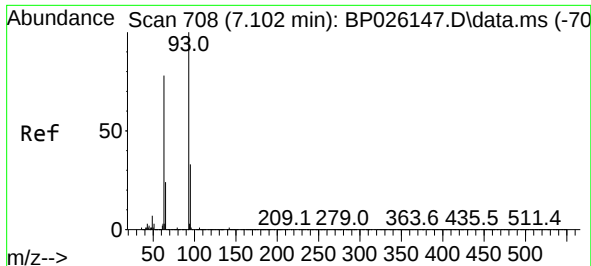
Tgt Ion: 99 Resp: 337217
Ion Ratio Lower Upper
99 100
42 16.5 12.9 19.3
71 31.3 24.8 37.2



#10
Phenol
Concen: 5.638 ng
RT: 6.860 min Scan# 667
Delta R.T. -0.018 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion: 94 Resp: 139742
Ion Ratio Lower Upper
94 100
65 26.4 7.0 47.0
66 38.0 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 30.336 ng

RT: 7.084 min Scan# 708

Delta R.T. -0.012 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

Instrument :

BNA_P

ClientSampleId :

HW1025-PT-BNA-SOILD

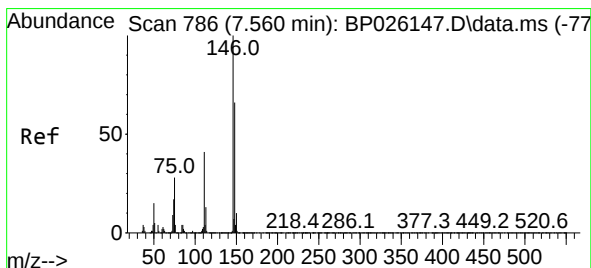
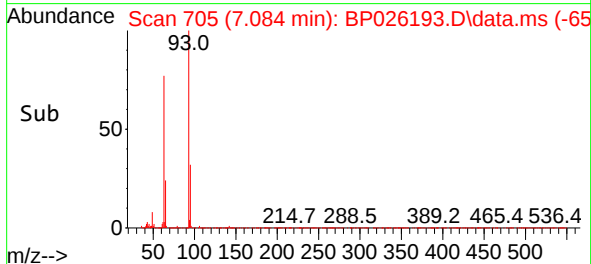
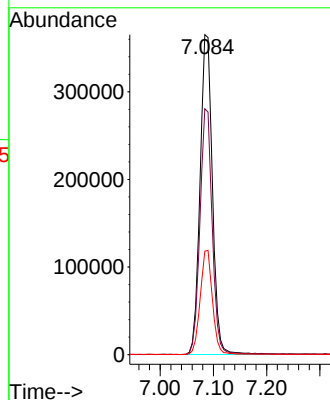
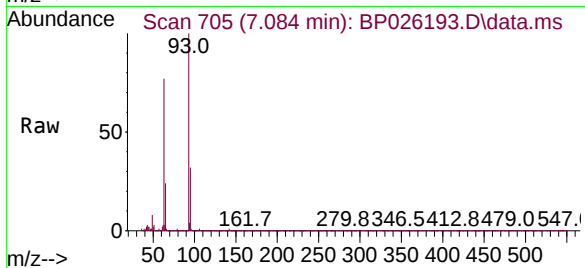
Tgt Ion: 93 Resp: 588683

Ion Ratio Lower Upper

93 100

63 76.8 58.8 98.8

95 32.3 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 26.848 ng

RT: 7.549 min Scan# 784

Delta R.T. -0.018 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

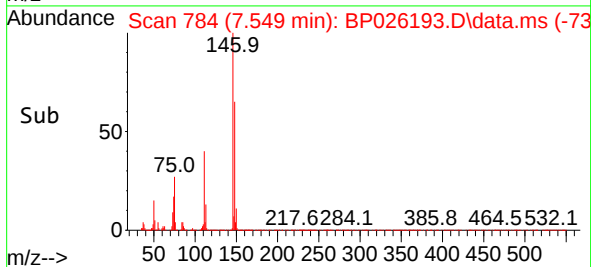
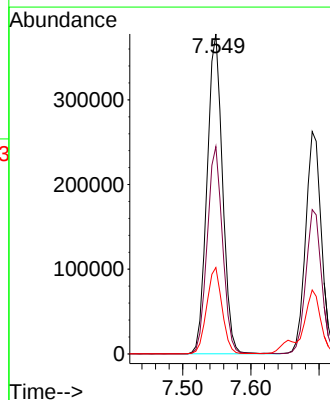
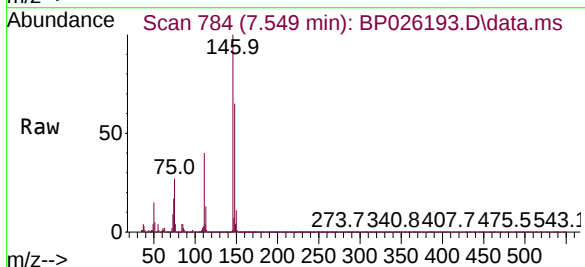
Tgt Ion:146 Resp: 594986

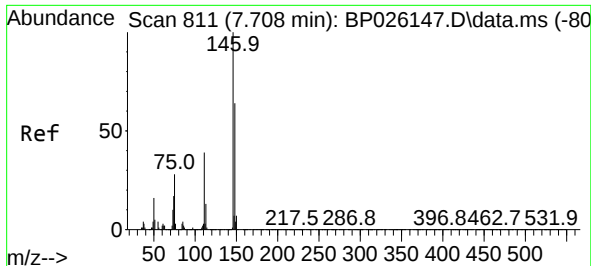
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 27.0 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 18.853 ng

RT: 7.690 min Scan# 80

Delta R.T. -0.012 min

Lab File: BP026193.D

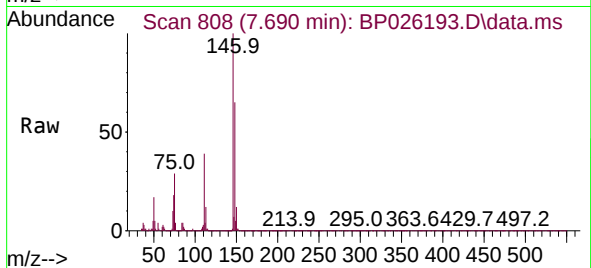
Acq: 26 Nov 2025 18:32

Instrument :

BNA_P

ClientSampleId :

HW1025-PT-BNA-SOILD



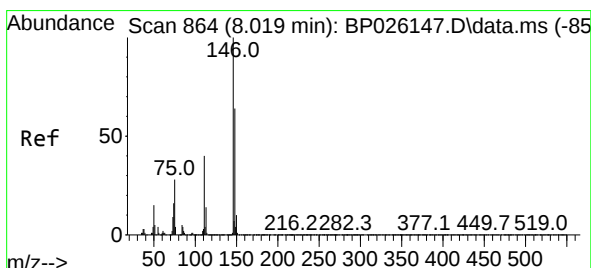
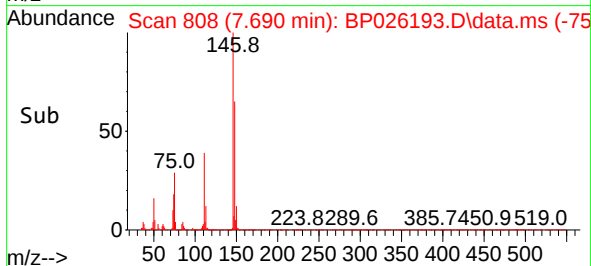
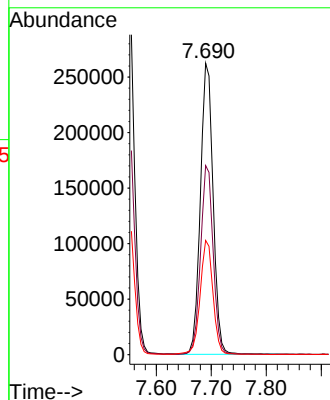
Tgt Ion:146 Resp: 420998

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.2

111 39.1 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 11.458 ng

RT: 8.002 min Scan# 861

Delta R.T. -0.012 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

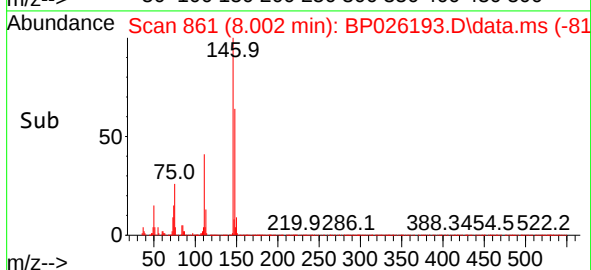
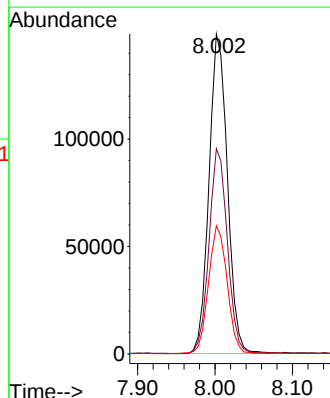
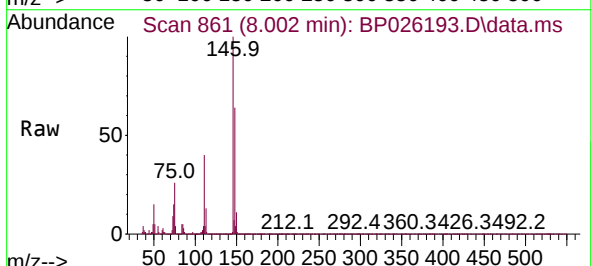
Tgt Ion:146 Resp: 245706

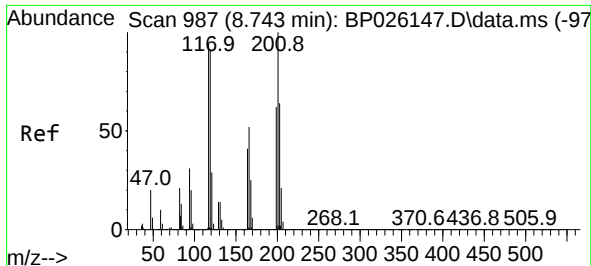
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

111 40.0 33.0 49.4

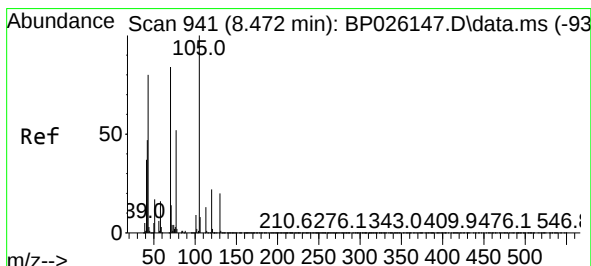
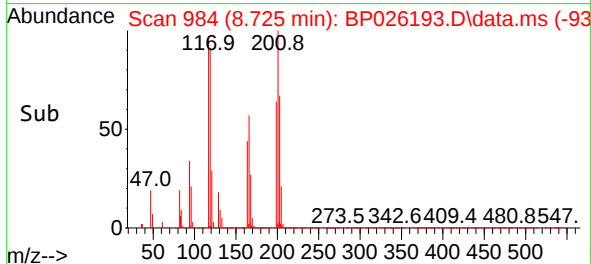
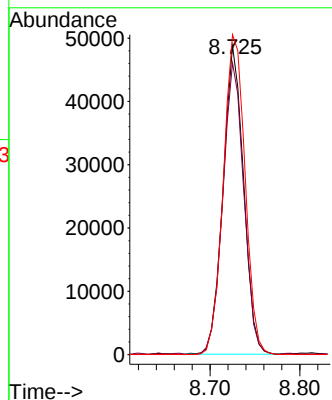
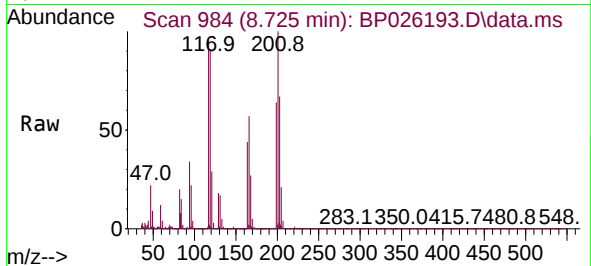




#18
Hexachloroethane
Concen: 9.576 ng
RT: 8.725 min Scan# 984
Delta R.T. -0.018 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

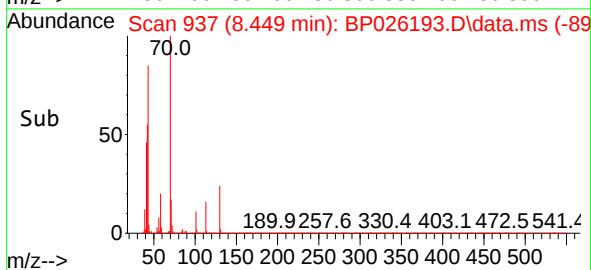
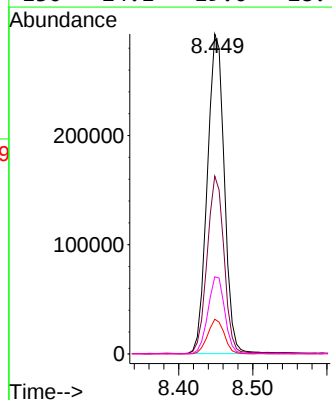
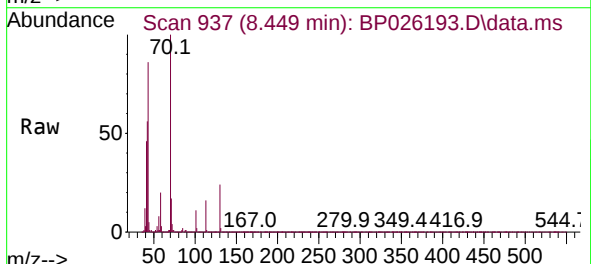
Instrument :
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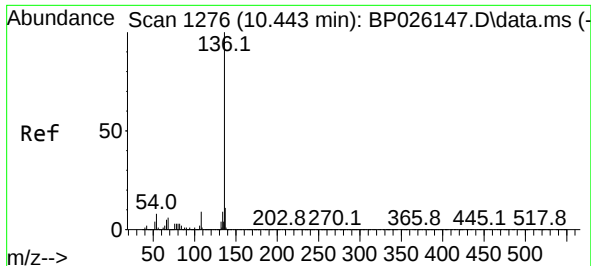
Tgt Ion:117 Resp: 77804
Ion Ratio Lower Upper
117 100
119 94.5 78.7 118.1
201 103.7 85.1 127.7



#19
n-Nitroso-di-n-propylamine
Concen: 32.753 ng
RT: 8.449 min Scan# 937
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion: 70 Resp: 468124
Ion Ratio Lower Upper
70 100
42 55.6 44.1 66.1
101 10.8 8.2 12.4
130 24.1 19.0 28.4



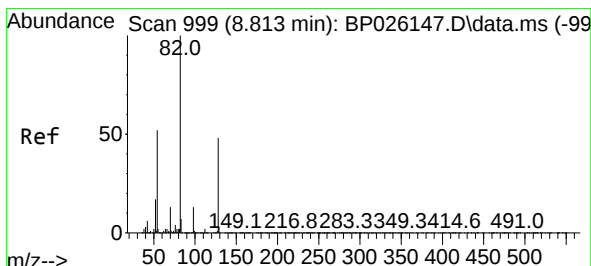
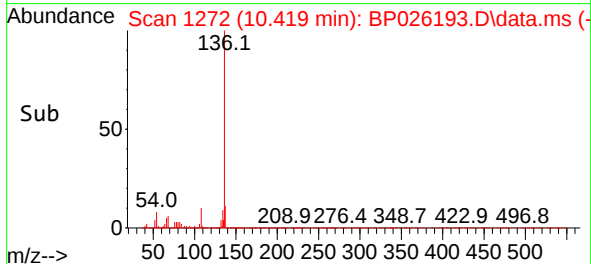
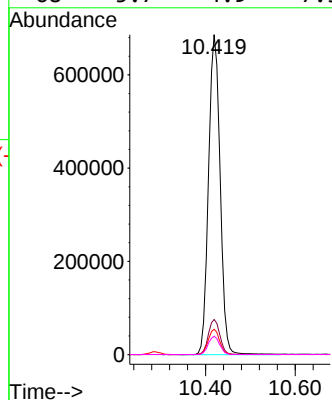
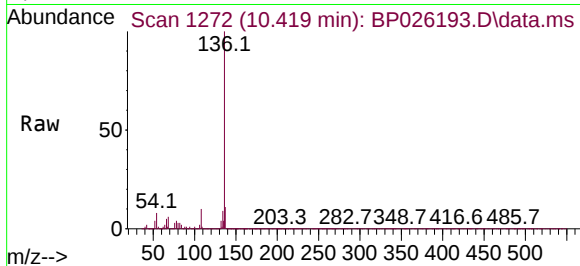


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Instrument :
BNA_P
ClientSampleId :
HW1025-PT-BNA-SOILD

Tgt Ion:136 Resp: 1229874

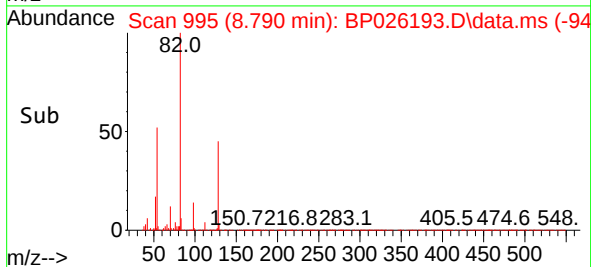
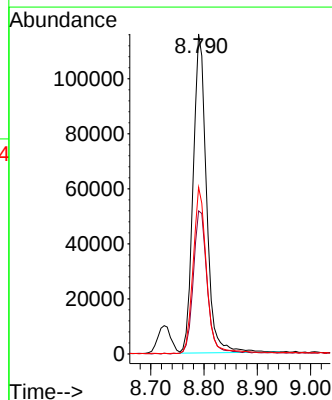
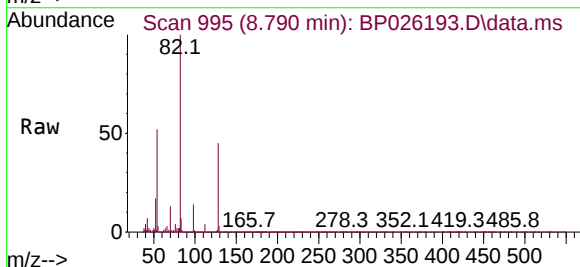
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.9	6.4	9.6
68	5.7	4.9	7.3

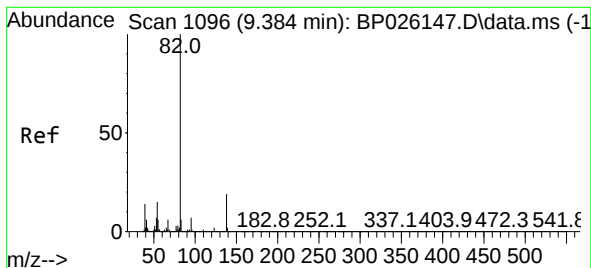


#23
Nitrobenzene-d5
Concen: 9.337 ng
RT: 8.790 min Scan# 995
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion: 82 Resp: 202153

Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.4	56.0
54	52.1	41.6	62.4





#25

Isophorone

Concen: 10.966 ng

RT: 9.360 min Scan# 10

Delta R.T. -0.023 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

Instrument :

BNA_P

ClientSampleId :

HW1025-PT-BNA-SOILDL

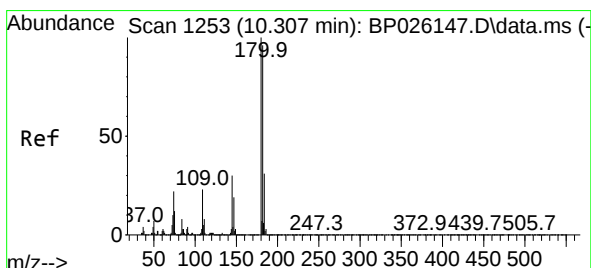
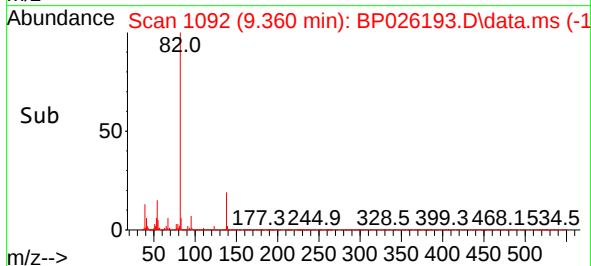
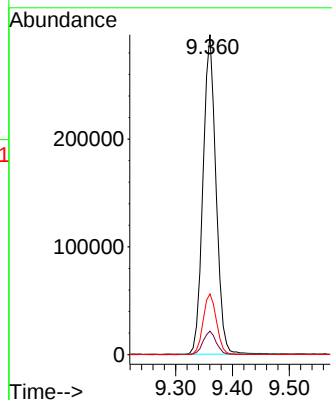
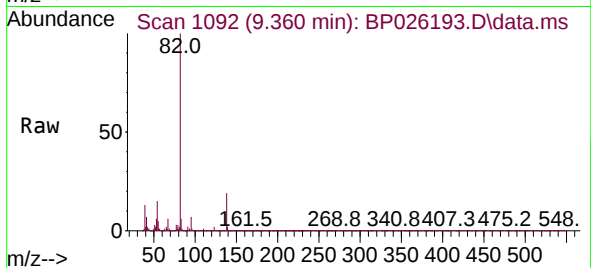
Tgt Ion: 82 Resp: 470685

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.0

138 19.0 15.4 23.0



#30

1,2,4-Trichlorobenzene

Concen: 24.276 ng

RT: 10.290 min Scan# 1250

Delta R.T. -0.018 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

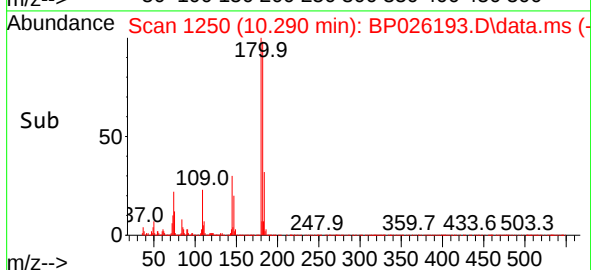
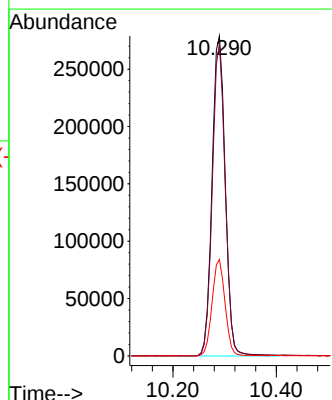
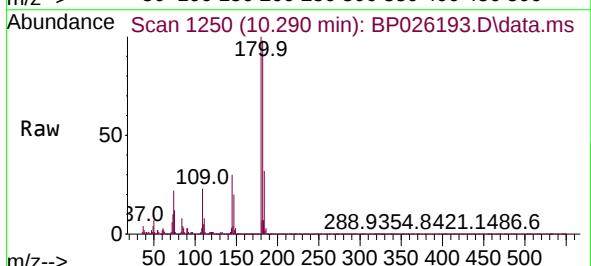
Tgt Ion:180 Resp: 493756

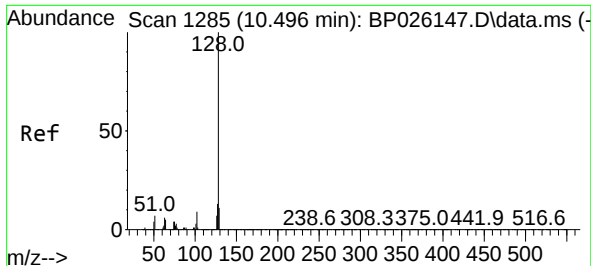
Ion Ratio Lower Upper

180 100

182 97.7 78.1 117.1

145 30.1 24.2 36.4

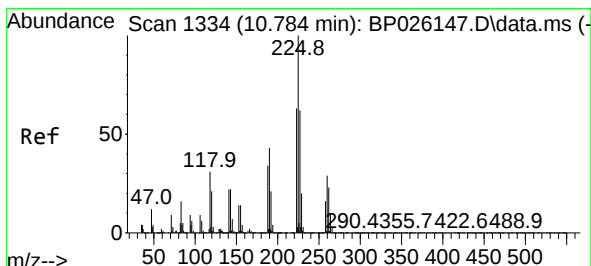
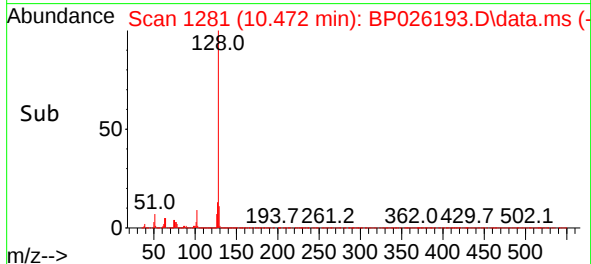
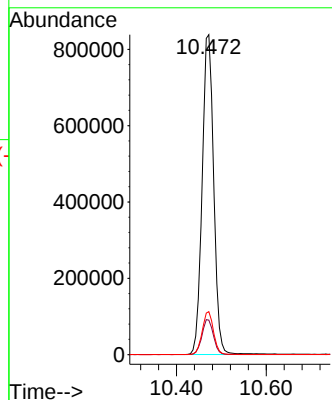
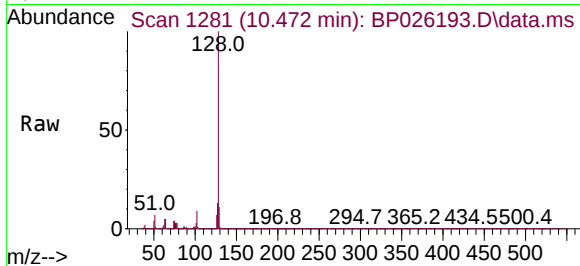




#31
Naphthalene
Concen: 22.534 ng
RT: 10.472 min Scan# 1285
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

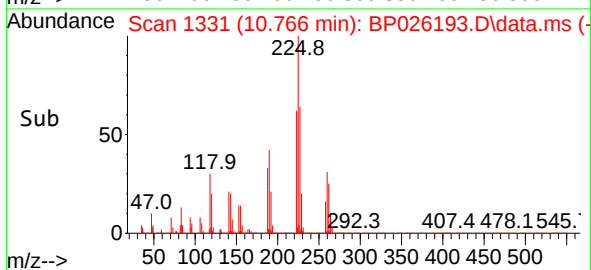
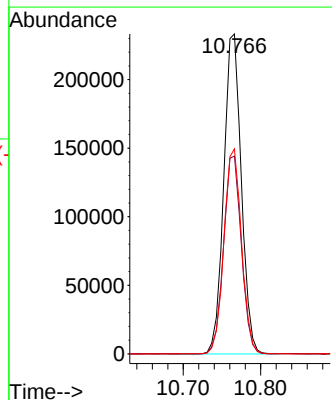
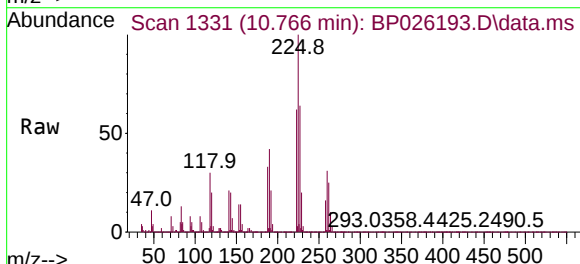
Instrument :
BNA_P
ClientSampleId :
HW1025-PT-BNA-SOILD

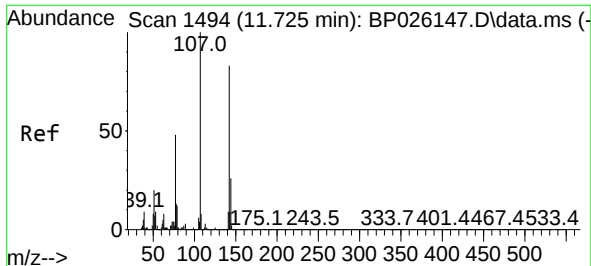
Tgt Ion:128 Resp: 1497768
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.4 10.2 15.4



#34
Hexachlorobutadiene
Concen: 27.770 ng
RT: 10.766 min Scan# 1331
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:225 Resp: 367343
Ion Ratio Lower Upper
225 100
223 61.8 49.6 74.4
227 64.1 51.2 76.8

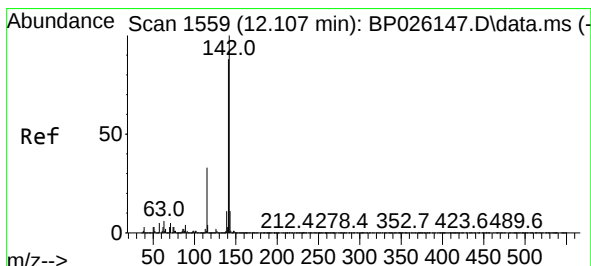
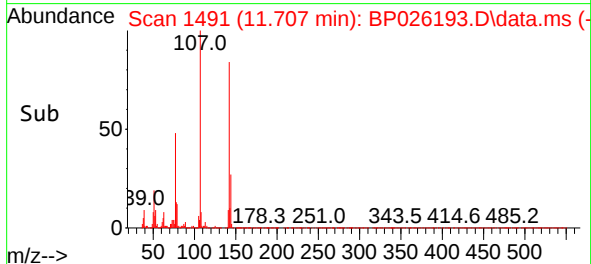
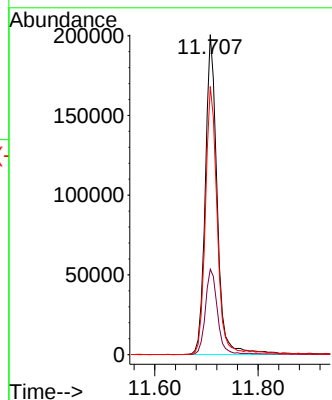
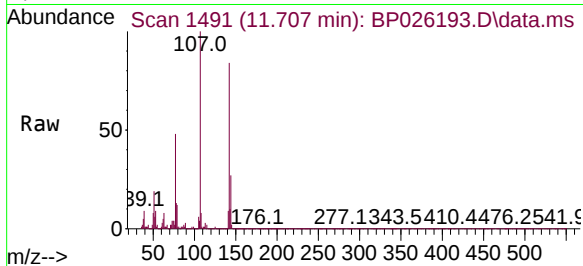




#36
4-Chloro-3-methylphenol
Concen: 15.039 ng
RT: 11.707 min Scan# 1494
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

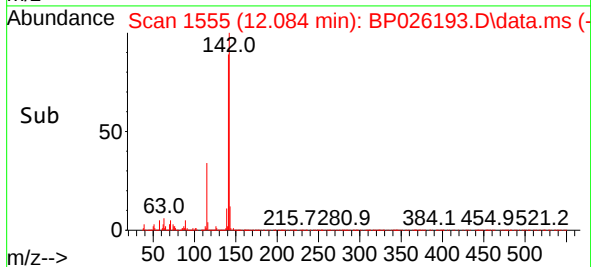
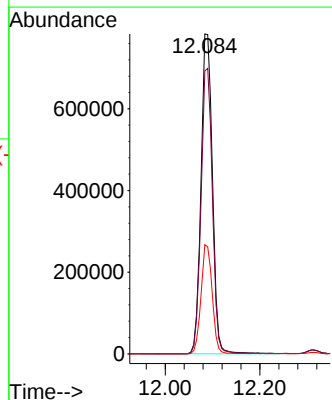
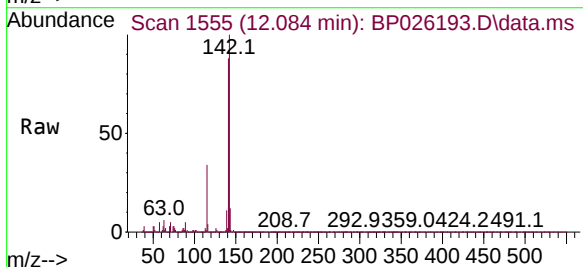
Instrument :
BNA_P
ClientSampleId :
HW1025-PT-BNA-SOILD

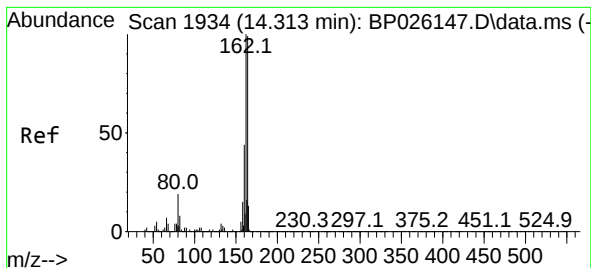
Tgt Ion:107 Resp: 319258
Ion Ratio Lower Upper
107 100
144 26.7 21.6 32.4
142 83.8 65.6 98.4



#37
2-Methylnaphthalene
Concen: 27.872 ng
RT: 12.084 min Scan# 1555
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:142 Resp: 1313387
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 34.2 26.6 39.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.289 min Scan# 1930

Delta R.T. -0.035 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

Instrument :

BNA_P

ClientSampleId :

HW1025-PT-BNA-SOILD

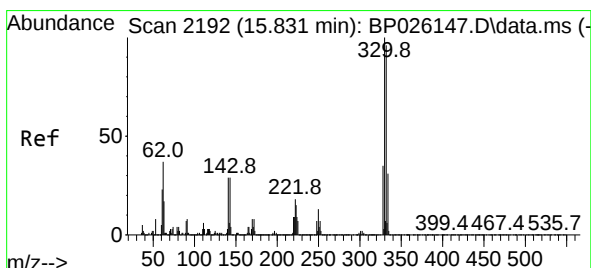
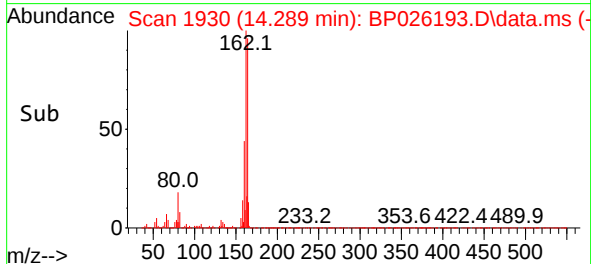
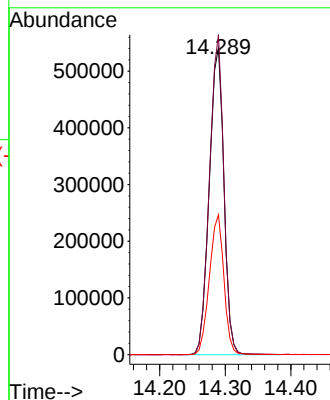
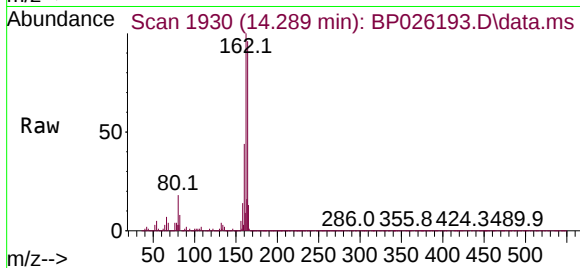
Tgt Ion:164 Resp: 837371

Ion Ratio Lower Upper

164 100

162 104.3 80.3 120.5

160 45.5 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 22.652 ng

RT: 15.813 min Scan# 2189

Delta R.T. -0.023 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

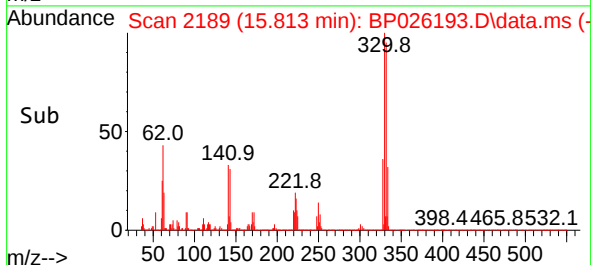
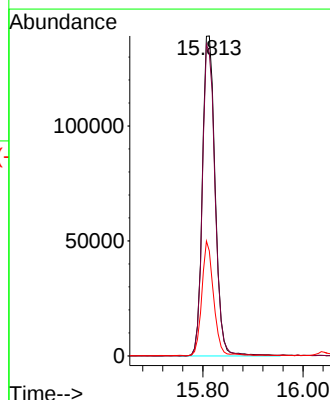
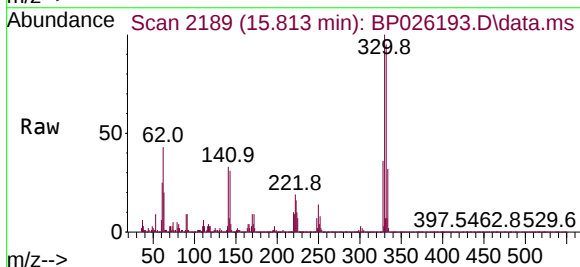
Tgt Ion:330 Resp: 246059

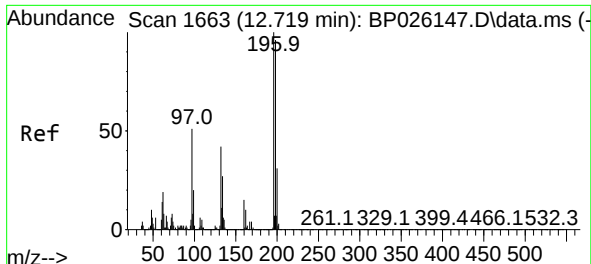
Ion Ratio Lower Upper

330 100

332 96.2 78.0 117.0

141 32.6 26.8 40.2

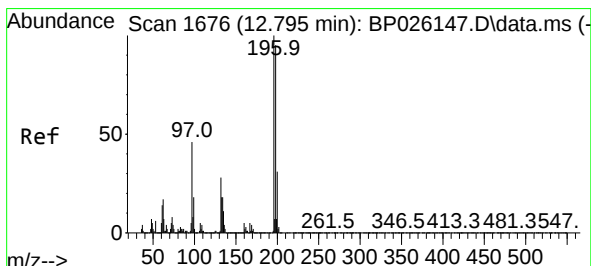
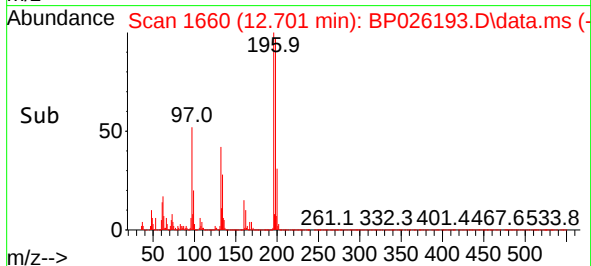
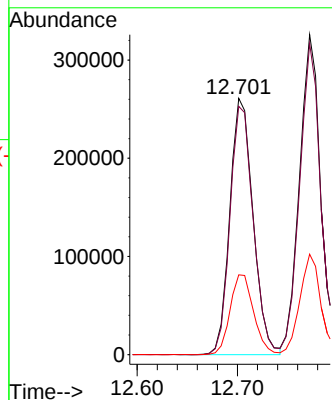
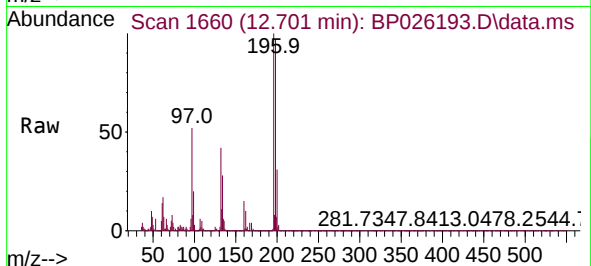




#43
2,4,6-Trichlorophenol
Concen: 24.219 ng
RT: 12.701 min Scan# 1660
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

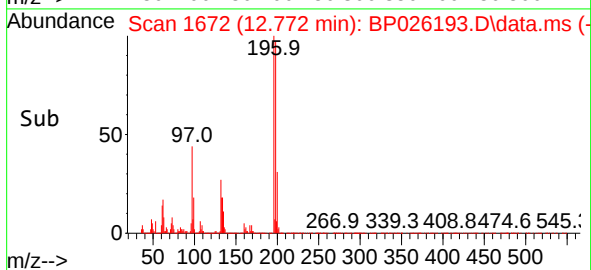
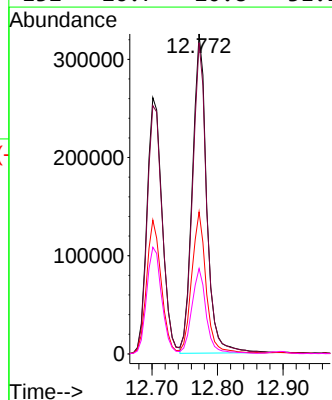
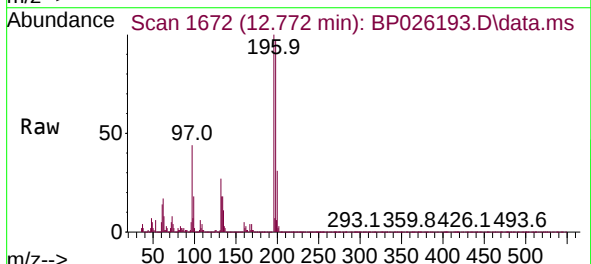
Instrument :
BNA_P
ClientSampleId :
HW1025-PT-BNA-SOILD

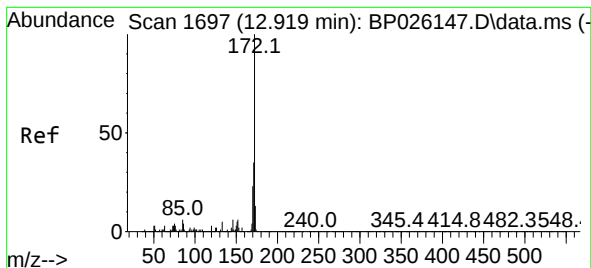
Tgt Ion:196 Resp: 420412
Ion Ratio Lower Upper
196 100
198 96.9 76.9 115.3
200 31.1 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 25.436 ng
RT: 12.772 min Scan# 1672
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:196 Resp: 492854
Ion Ratio Lower Upper
196 100
198 97.2 76.4 114.6
97 44.4 35.7 53.5
132 26.7 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 12.906 ng

RT: 12.895 min Scan# 1697

Delta R.T. -0.035 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

Instrument :

BNA_P

ClientSampleId :

HW1025-PT-BNA-SOILDL

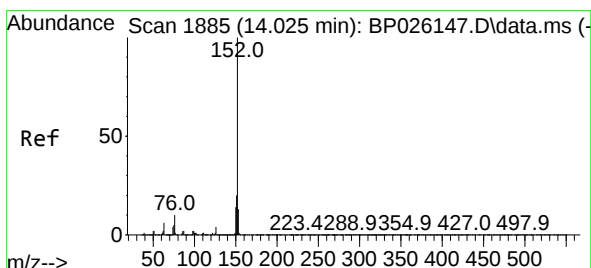
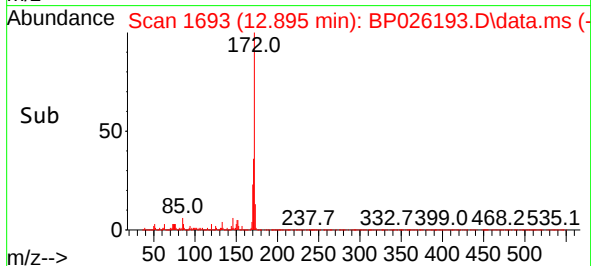
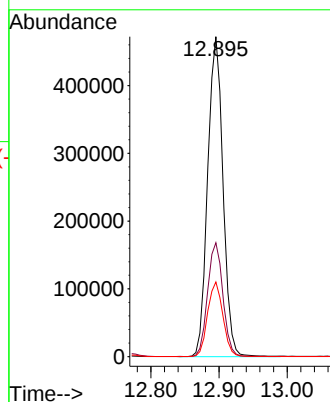
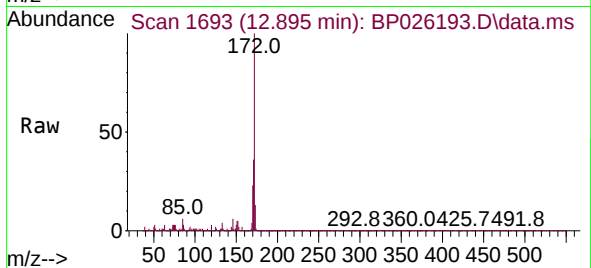
Tgt Ion:172 Resp: 737365

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.3 18.7 28.1



#49

Acenaphthylene

Concen: 12.591 ng

RT: 14.001 min Scan# 1881

Delta R.T. -0.035 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

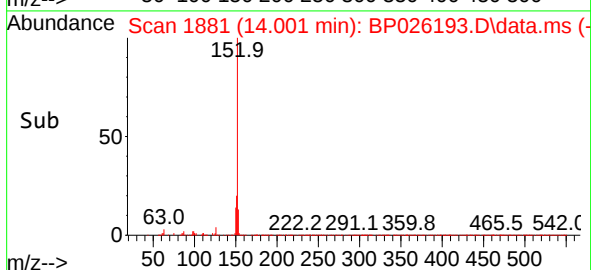
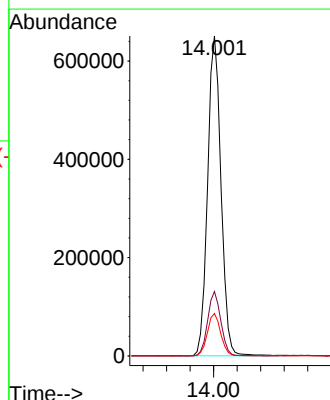
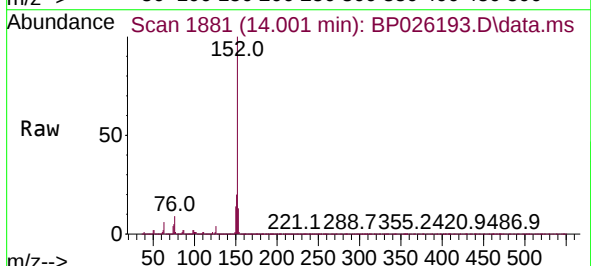
Tgt Ion:152 Resp: 1029735

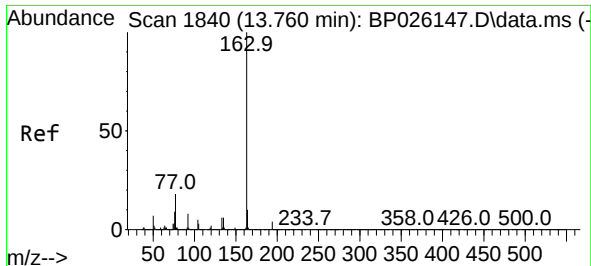
Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.2 10.6 16.0

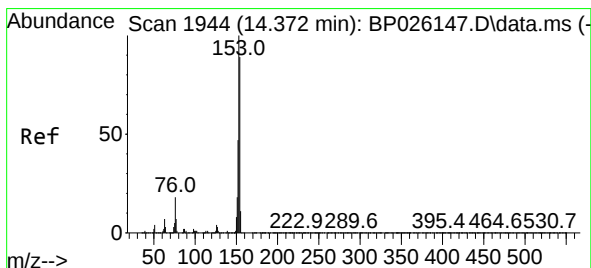
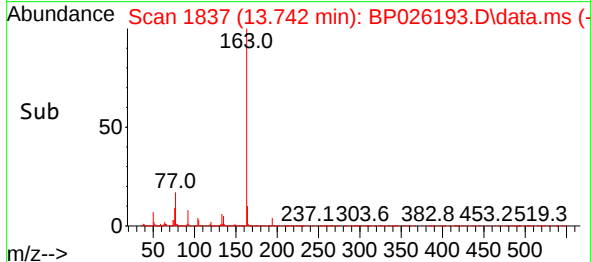
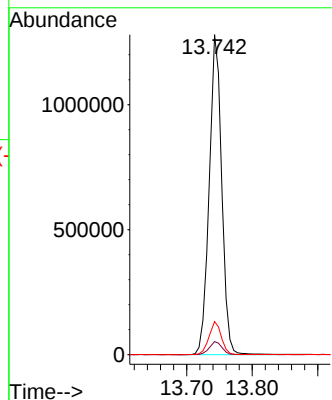
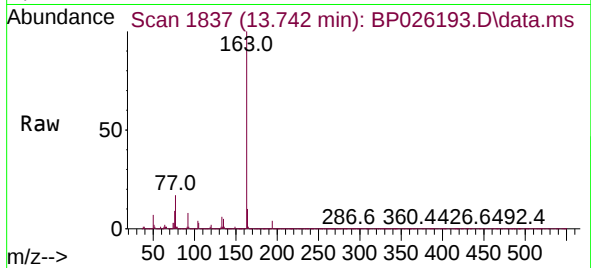




#50
Dimethylphthalate
Concen: 27.033 ng
RT: 13.742 min Scan# 1840
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

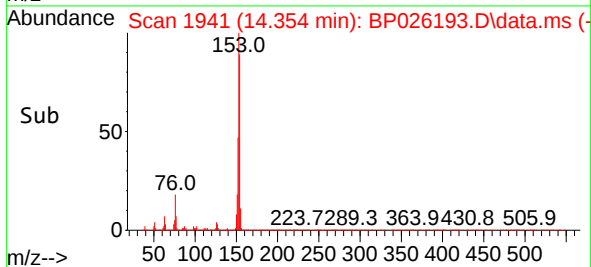
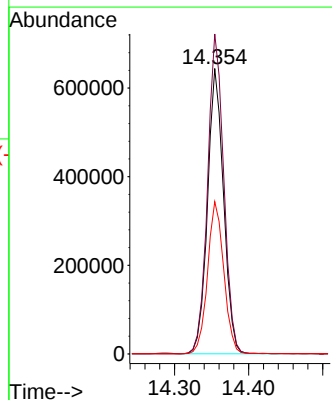
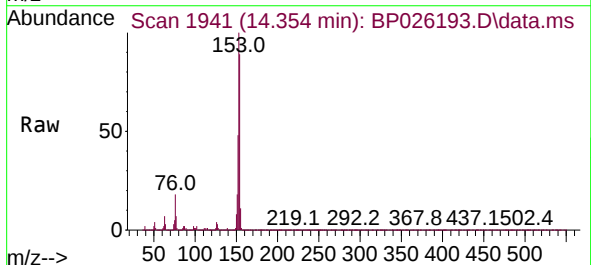
Instrument :
BNA_P
ClientSampleId :
HW1025-PT-BNA-SOILD

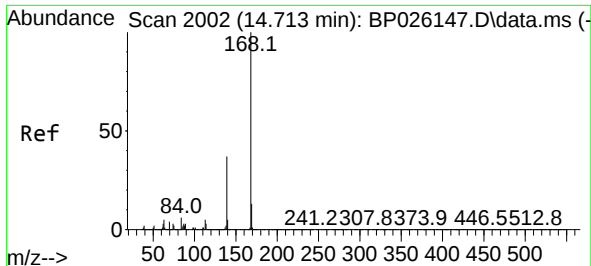
Tgt Ion:163 Resp: 1690727
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.2 12.2



#52
Acenaphthene
Concen: 20.180 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:154 Resp: 967215
Ion Ratio Lower Upper
154 100
153 112.1 90.7 136.1
152 53.3 42.8 64.2

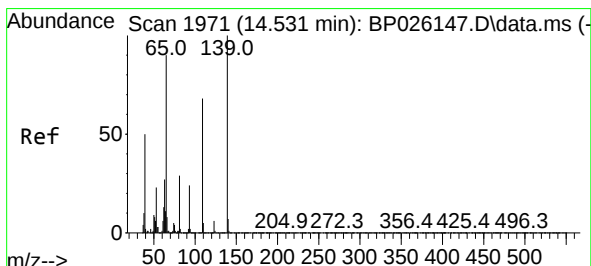
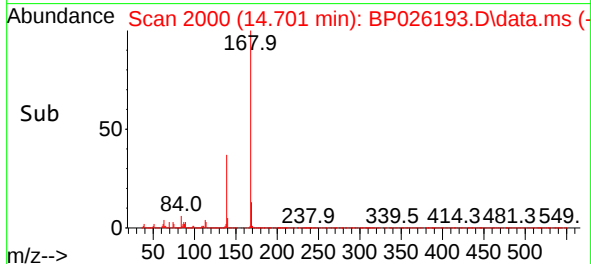
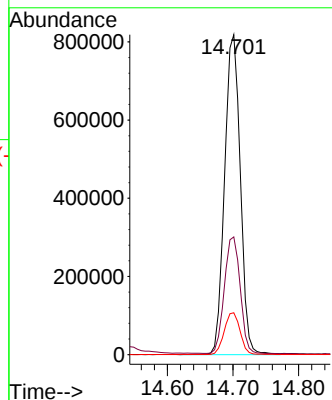
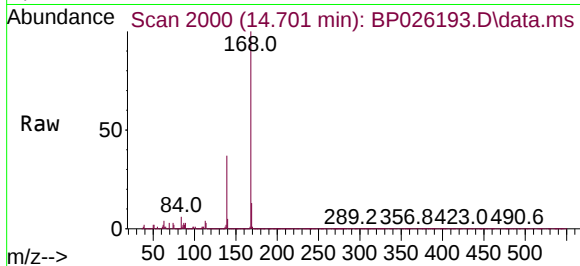




#55
Dibenzofuran
Concen: 18.419 ng
RT: 14.701 min Scan# 2000
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

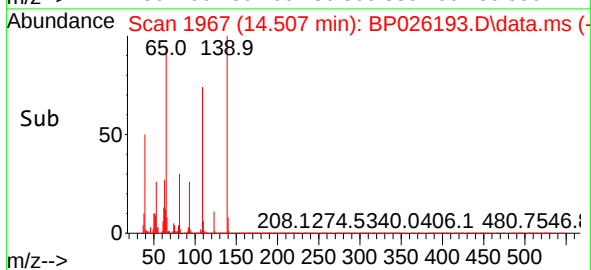
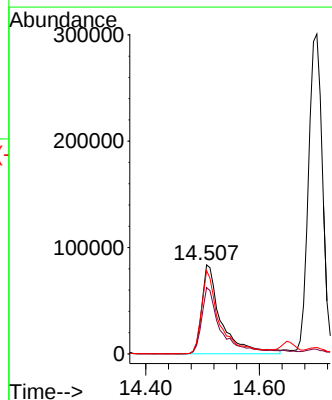
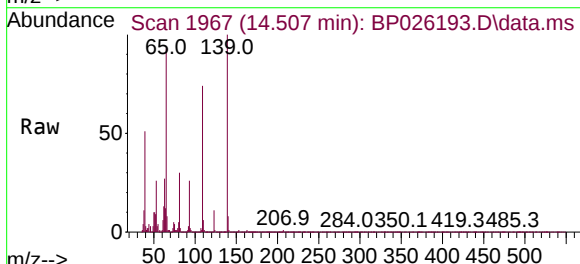
Instrument :
BNA_P
ClientSampleId :
HW1025-PT-BNA-SOILD

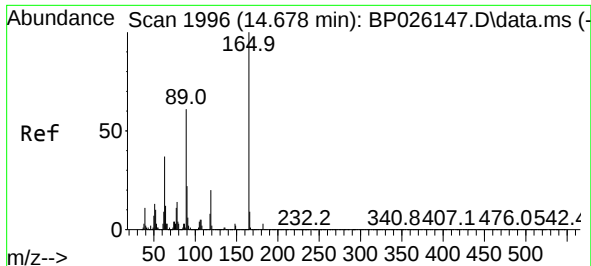
Tgt Ion:168 Resp: 1367298
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.6
169 13.1 10.9 16.3



#56
4-Nitrophenol
Concen: 14.955 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.035 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:139 Resp: 197402
Ion Ratio Lower Upper
139 100
109 74.4 46.8 86.8
65 93.5 69.3 109.3

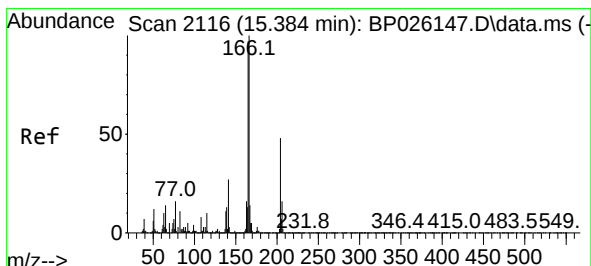
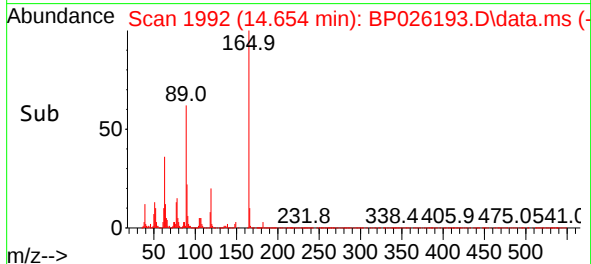
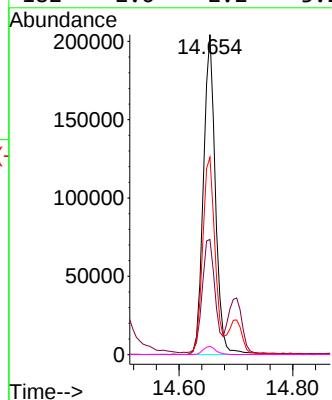
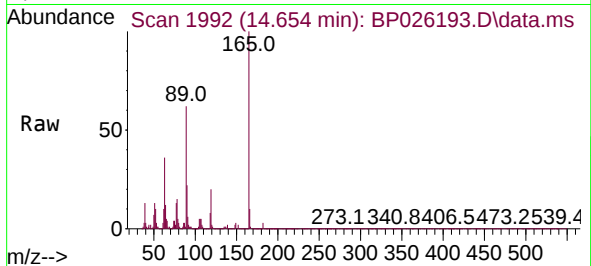




#57
2,4-Dinitrotoluene
Concen: 16.198 ng
RT: 14.654 min Scan# 1996
Delta R.T. -0.035 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

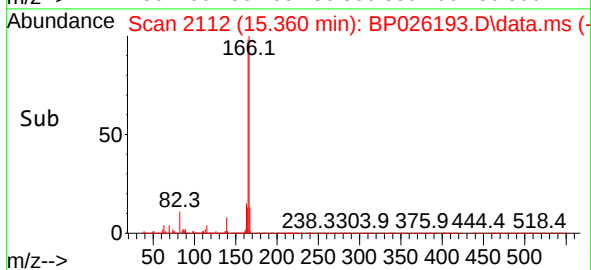
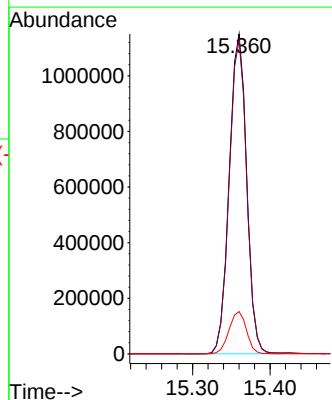
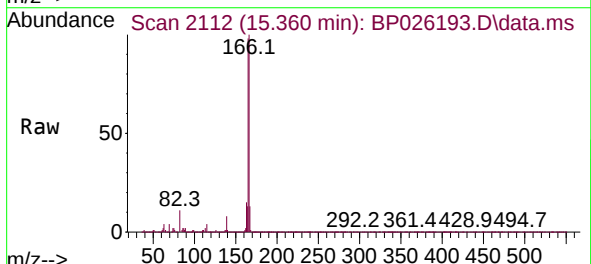
Instrument :
BNA_P
ClientSampleId :
HW1025-PT-BNA-SOILD

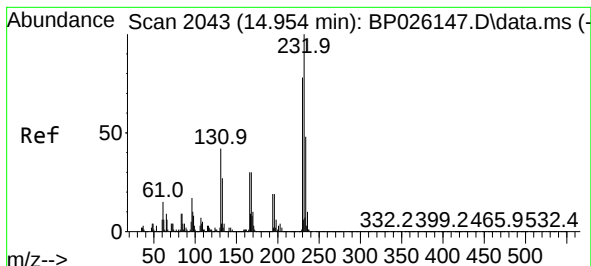
Tgt Ion:165 Resp: 299733
Ion Ratio Lower Upper
165 100
63 36.0 31.0 46.6
89 61.7 51.7 77.5
182 2.6 2.2 3.2



#58
Fluorene
Concen: 30.722 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:166 Resp: 1802617
Ion Ratio Lower Upper
166 100
165 97.9 77.9 116.9
167 13.2 11.0 16.4

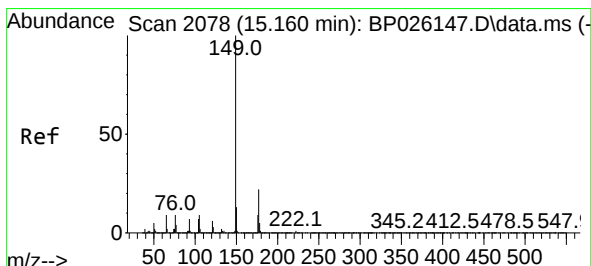
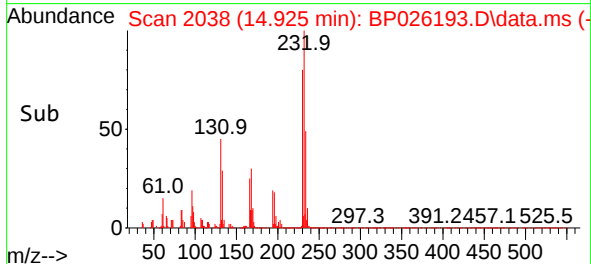
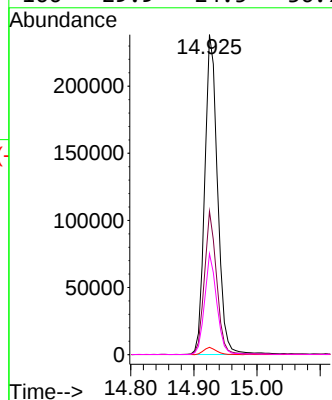
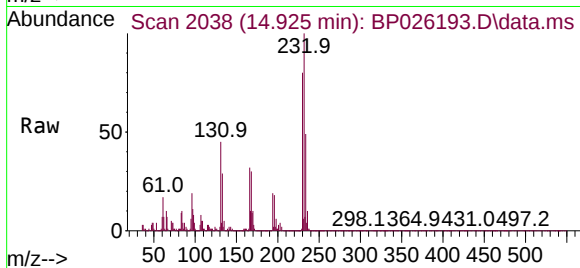




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.497 ng
RT: 14.925 min Scan# 2043
Delta R.T. -0.035 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

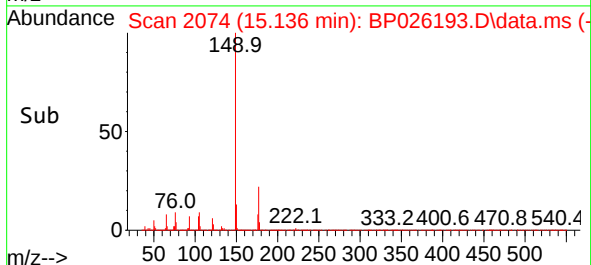
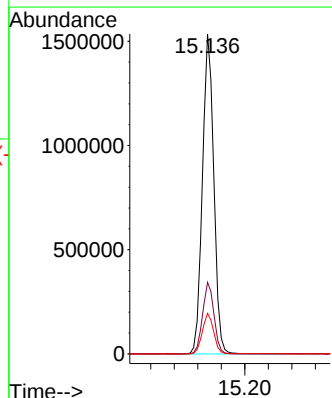
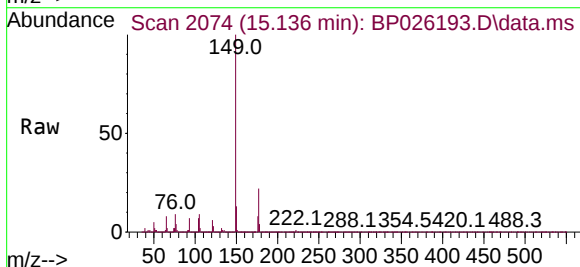
Instrument :
BNA_P
ClientSampleId :
HW1025-PT-BNA-SOILD

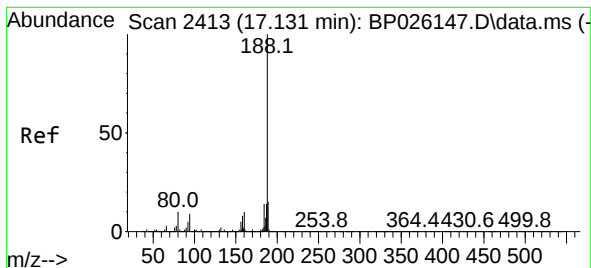
Tgt Ion:	232	Resp:	336922
Ion Ratio	Lower	Upper	
232	100		
131	42.8	34.8	52.2
130	2.2	1.8	2.8
166	29.9	24.5	36.7



#60
Diethylphthalate
Concen: 32.671 ng
RT: 15.136 min Scan# 2074
Delta R.T. -0.035 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:	149	Resp:	2058376
Ion Ratio	Lower	Upper	
149	100		
177	22.4	17.9	26.9
150	12.7	9.9	14.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.101 min Scan# 2413

Delta R.T. -0.029 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

Instrument :

BNA_P

ClientSampleId :

HW1025-PT-BNA-SOILD

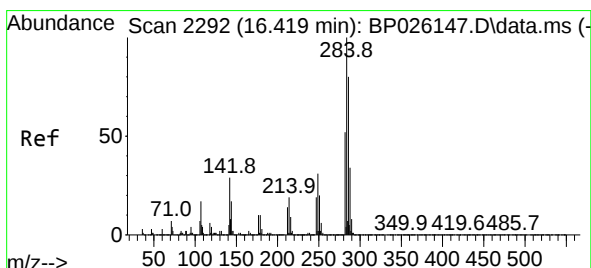
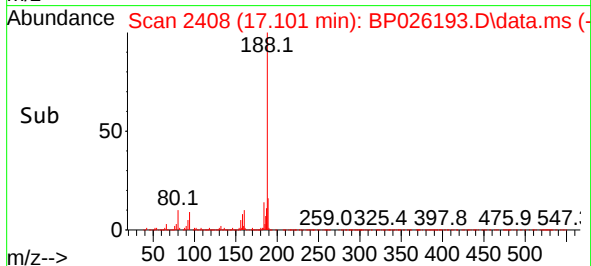
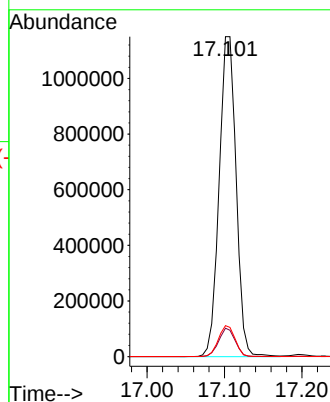
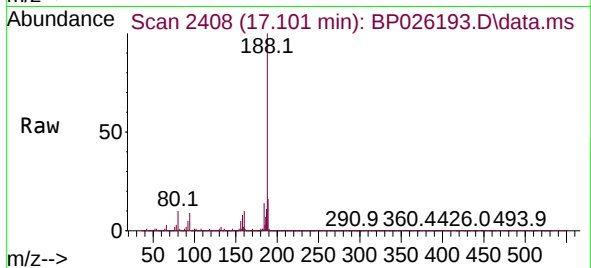
Tgt Ion:188 Resp: 1750809

Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.6

80 9.7 8.2 12.2



#68

Hexachlorobenzene

Concen: 21.511 ng

RT: 16.383 min Scan# 2286

Delta R.T. -0.041 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

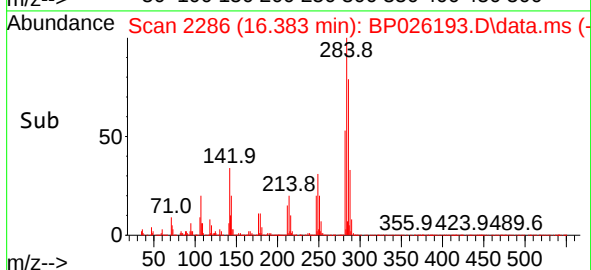
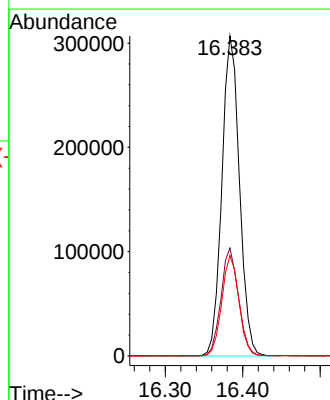
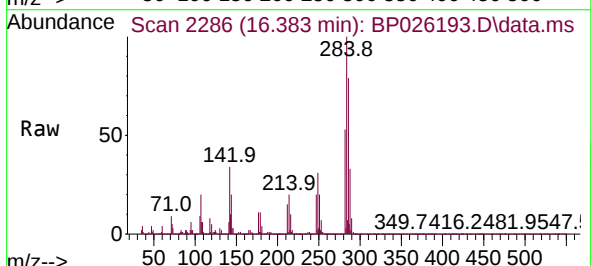
Tgt Ion:284 Resp: 483979

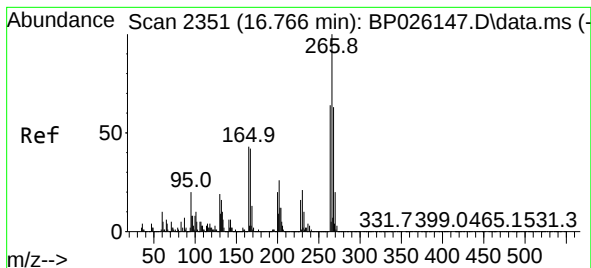
Ion Ratio Lower Upper

284 100

142 33.7 28.0 42.0

249 31.4 25.0 37.4





#70

Pentachlorophenol

Concen: 20.295 ng

RT: 16.742 min Scan# 2351

Delta R.T. -0.035 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

Instrument :

BNA_P

ClientSampleId :

HW1025-PT-BNA-SOILD

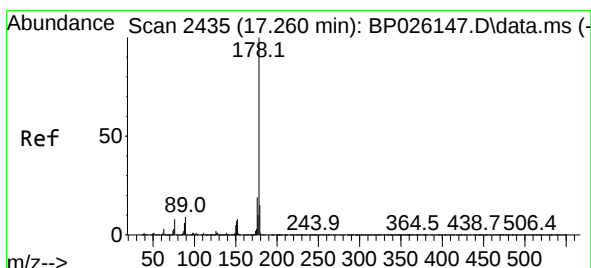
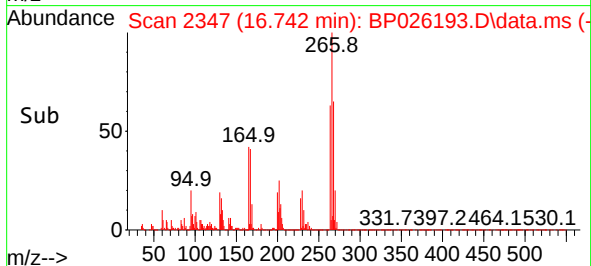
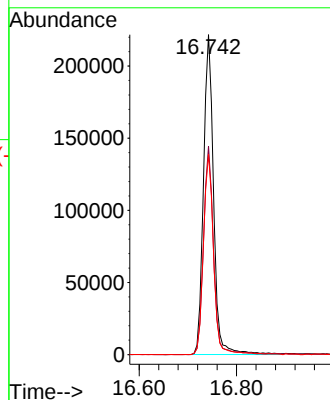
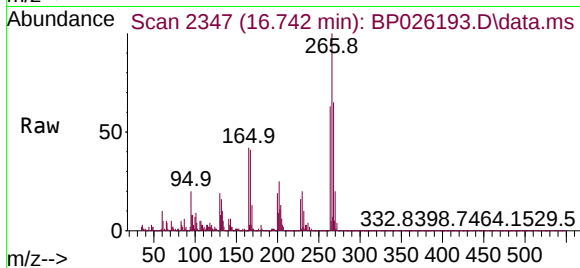
Tgt Ion:266 Resp: 319415

Ion Ratio Lower Upper

266 100

268 65.2 51.0 76.4

264 62.6 50.2 75.2



#72

Anthracene

Concen: 13.617 ng

RT: 17.230 min Scan# 2430

Delta R.T. -0.041 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

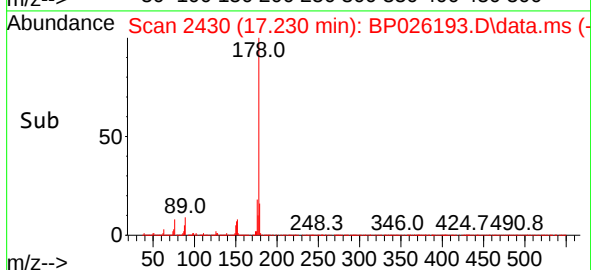
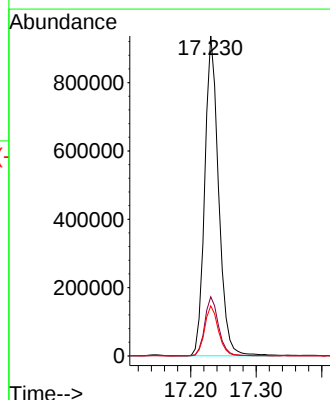
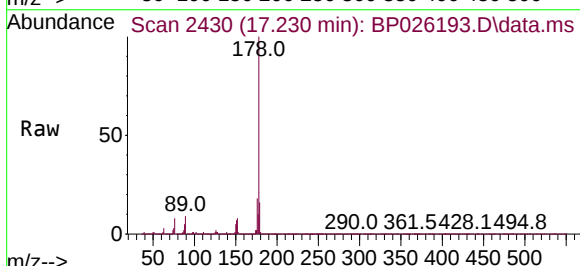
Tgt Ion:178 Resp: 1369823

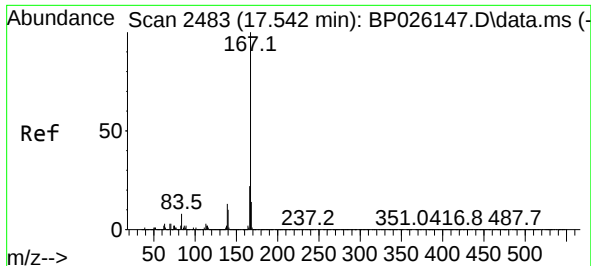
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.6 12.2 18.4

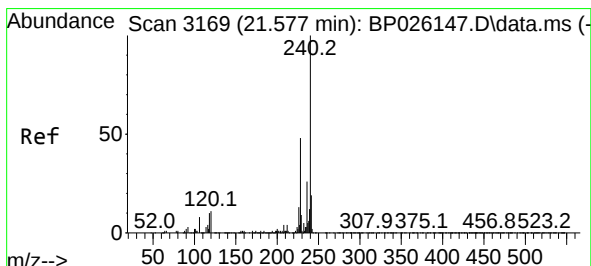
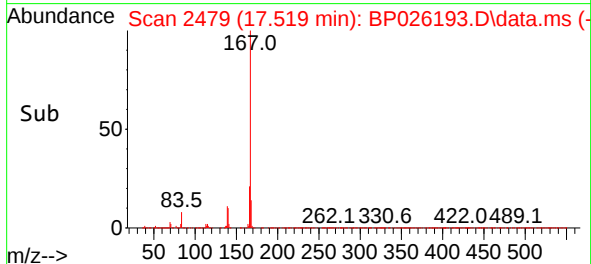
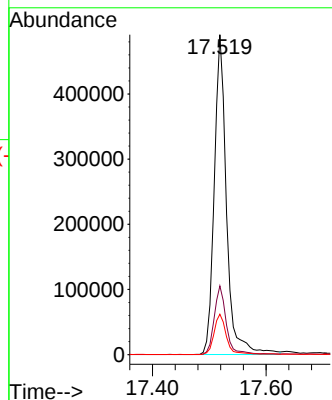
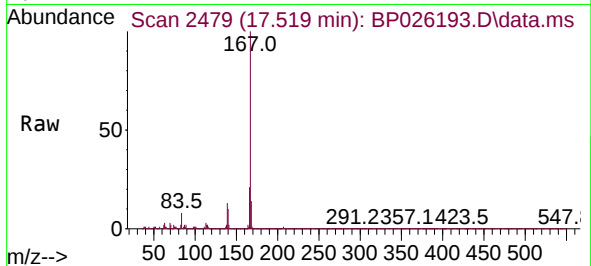




#73
Carbazole
Concen: 7.737 ng
RT: 17.519 min Scan# 24
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

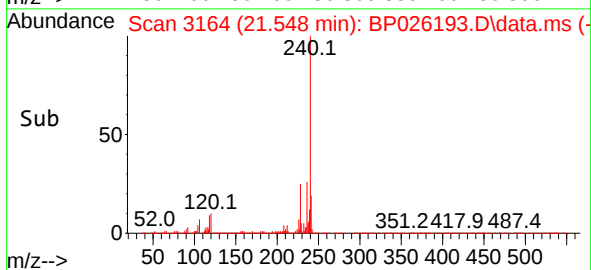
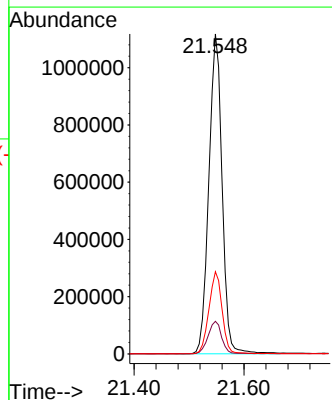
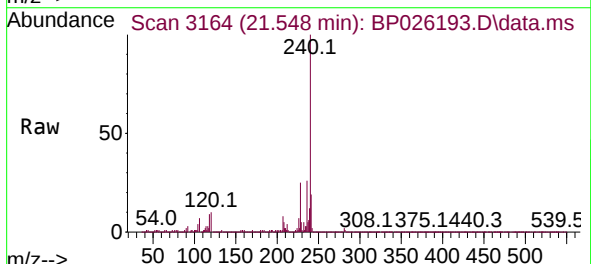
Instrument :
BNA_P
ClientSampleId :
HW1025-PT-BNA-SOILD

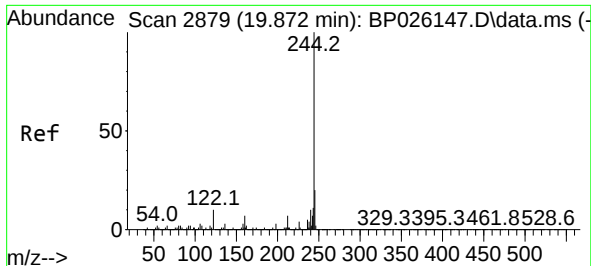
Tgt Ion:167 Resp: 739184
Ion Ratio Lower Upper
167 100
166 21.5 17.1 25.7
139 12.7 10.2 15.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3164
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:240 Resp: 1874137
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 25.7 20.4 30.6

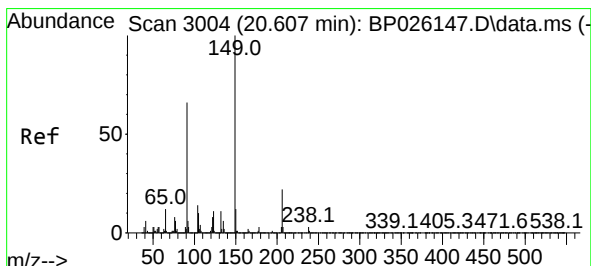
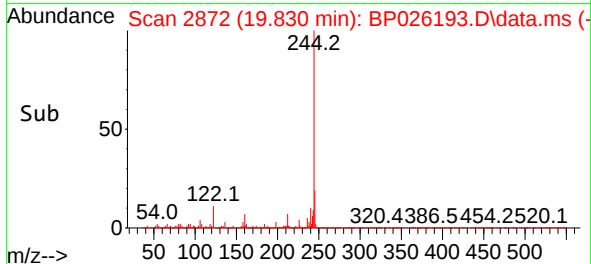
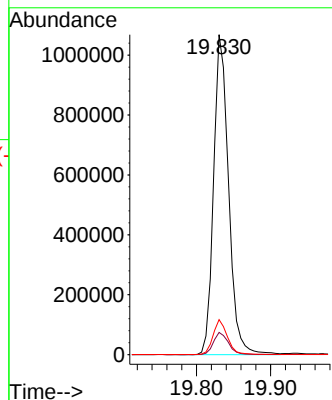
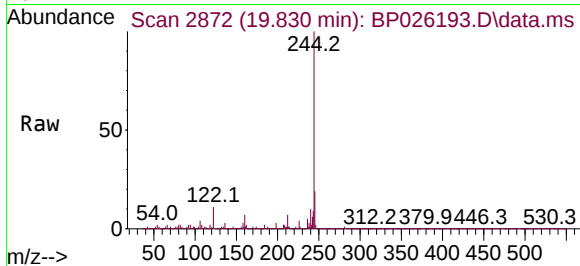




#79
 Terphenyl-d14
 Concen: 16.332 ng
 RT: 19.830 min Scan# 2879
 Delta R.T. -0.041 min
 Lab File: BP026193.D
 Acq: 26 Nov 2025 18:32

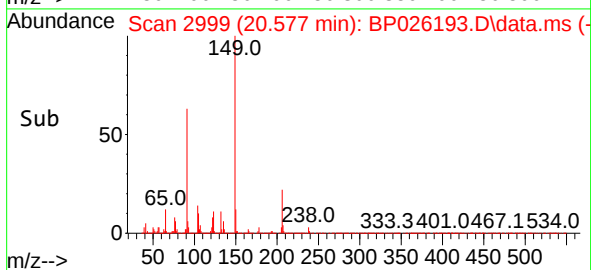
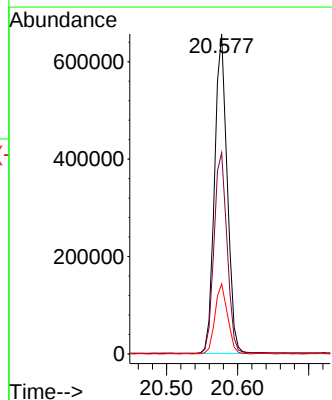
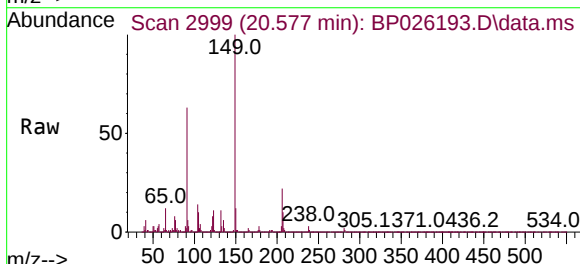
Instrument :
 BNA_P
 ClientSampleId :
 HW1025-PT-BNA-SOILD

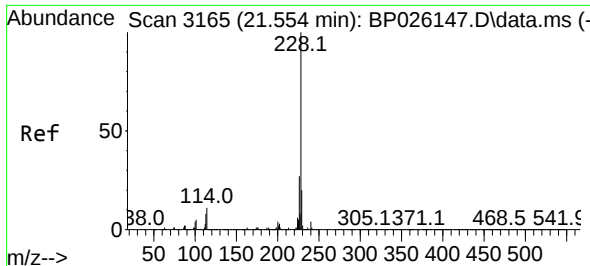
Tgt Ion:244 Resp: 1501138
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 15.019 ng
 RT: 20.577 min Scan# 2999
 Delta R.T. -0.029 min
 Lab File: BP026193.D
 Acq: 26 Nov 2025 18:32

Tgt Ion:149 Resp: 812761
 Ion Ratio Lower Upper
 149 100
 91 62.8 52.6 79.0
 206 21.9 16.9 25.3

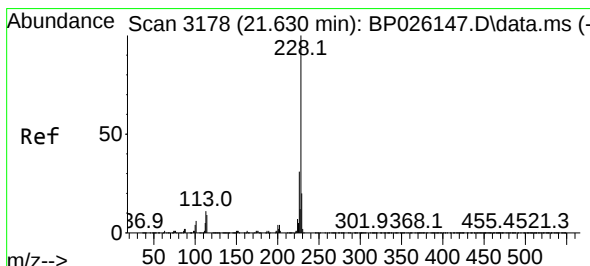
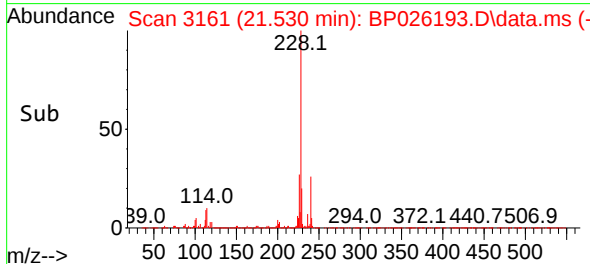
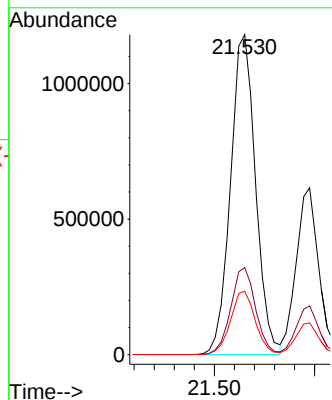
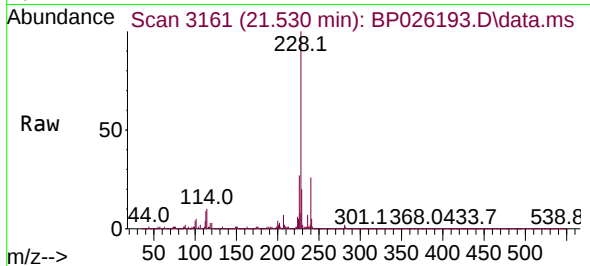




#81
Benzo(a)anthracene
Concen: 15.957 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

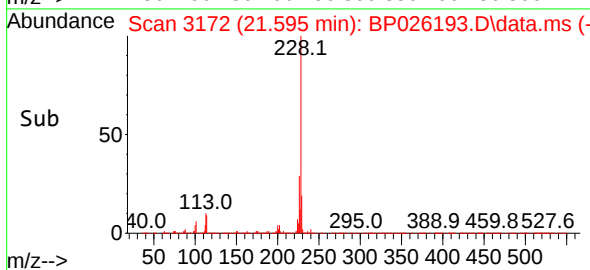
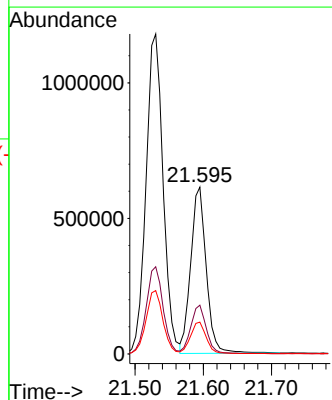
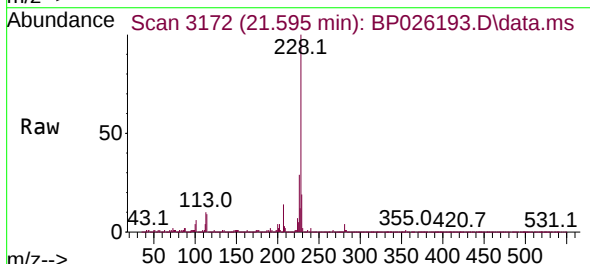
Instrument :
BNA_P
ClientSampleId :
HW1025-PT-BNA-SOILD

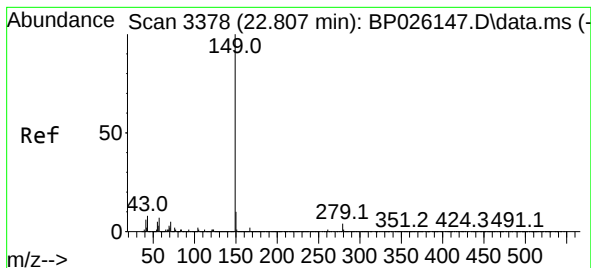
Tgt Ion:228 Resp: 2053910
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.8 15.9 23.9



#83
Chrysene
Concen: 8.046 ng
RT: 21.595 min Scan# 3172
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:228 Resp: 976031
Ion Ratio Lower Upper
228 100
226 29.2 23.9 35.9
229 19.0 15.9 23.9





#85

Di-n-octyl phthalate

Concen: 27.369 ng

RT: 22.760 min Scan# 33

Delta R.T. -0.047 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

Instrument :

BNA_P

ClientSampleId :

HW1025-PT-BNA-SOILD

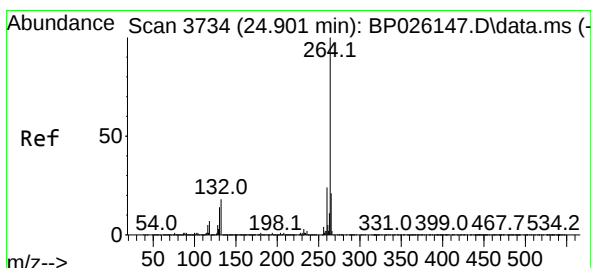
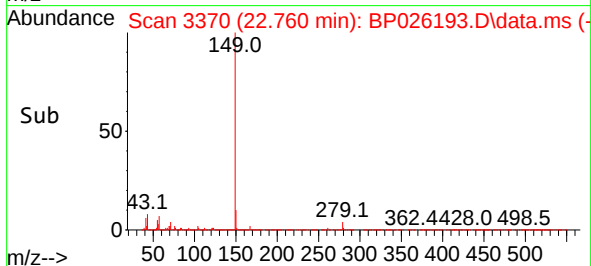
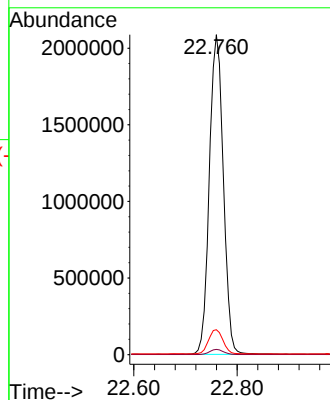
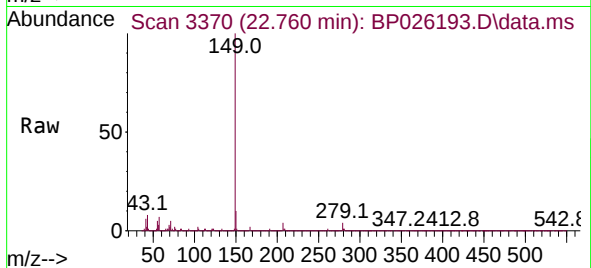
Tgt Ion:149 Resp: 3920389

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.8 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.848 min Scan# 3725

Delta R.T. -0.059 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

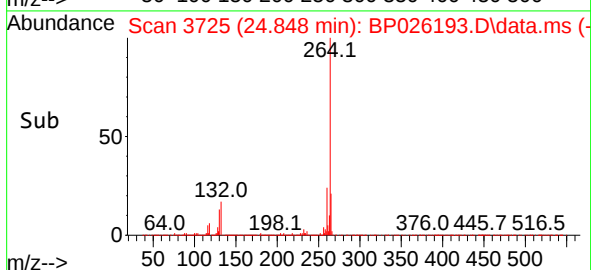
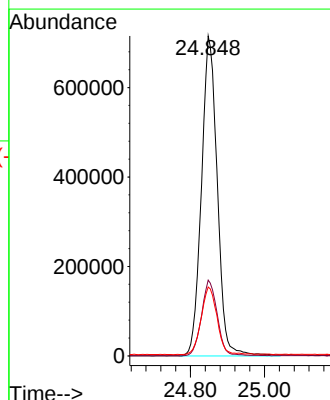
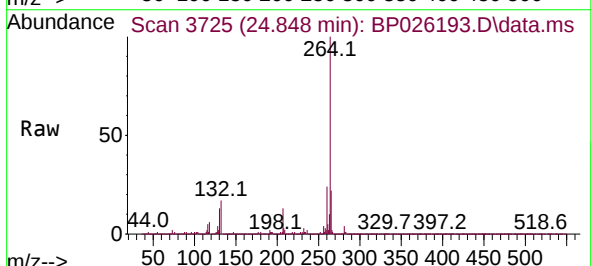
Tgt Ion:264 Resp: 2122338

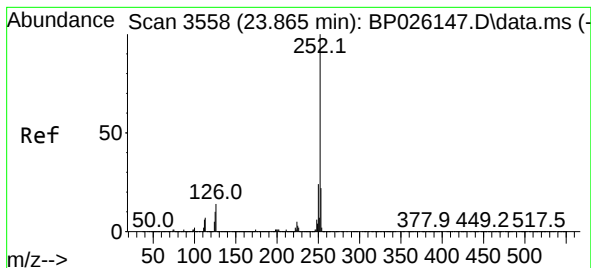
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.5 17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 9.055 ng

RT: 23.807 min Scan# 3548

Delta R.T. -0.059 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

Instrument :

BNA_P

ClientSampleId :

HW1025-PT-BNA-SOILDL

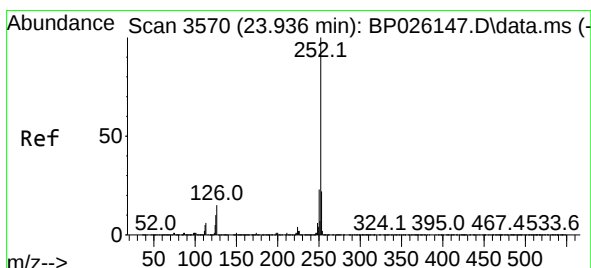
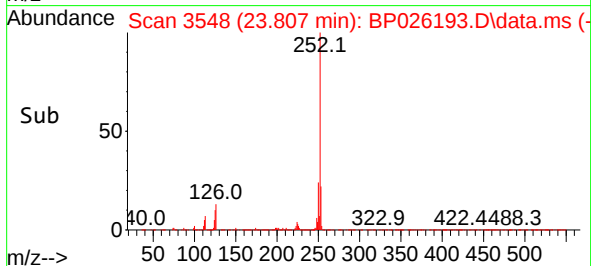
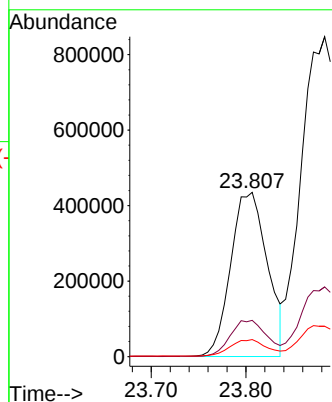
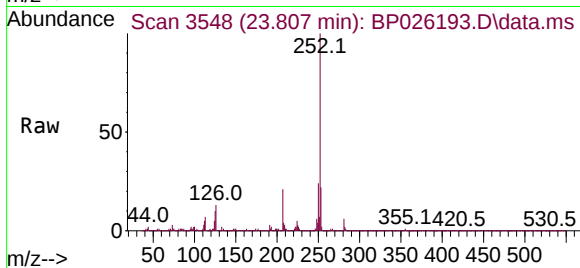
Tgt Ion:252 Resp: 1170272

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.4 8.2 12.4



#89

Benzo(k)fluoranthene

Concen: 19.356 ng

RT: 23.883 min Scan# 3561

Delta R.T. -0.053 min

Lab File: BP026193.D

Acq: 26 Nov 2025 18:32

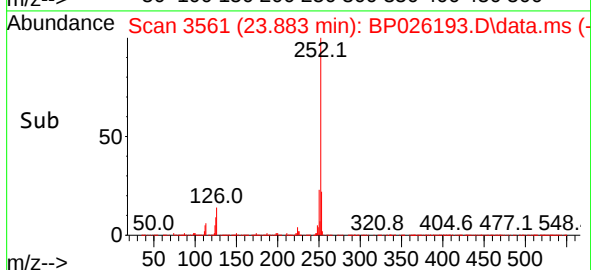
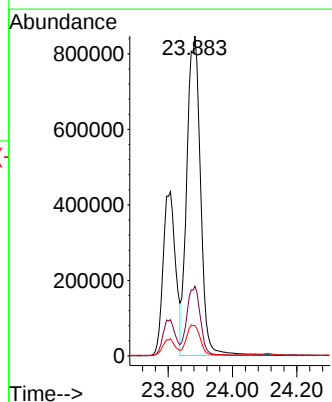
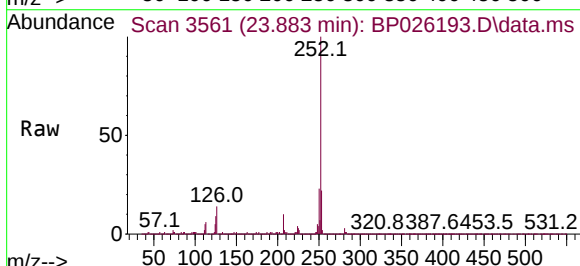
Tgt Ion:252 Resp: 2498737

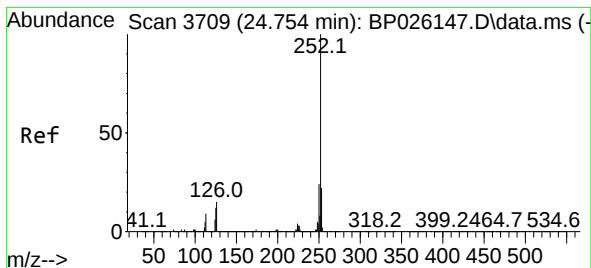
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.5 7.5 11.3





#90

Benzo(a)pyrene

Concen: 17.518 ng

RT: 24.689 min Scan# 30

Delta R.T. -0.065 min

Lab File: BP026193.D

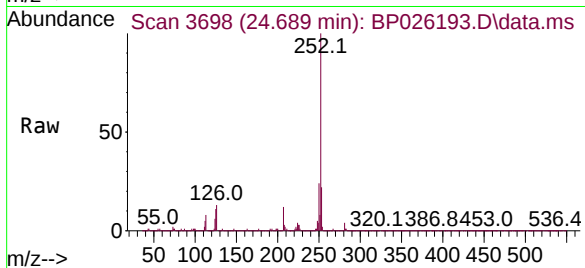
Acq: 26 Nov 2025 18:32

Instrument :

BNA_P

ClientSampleId :

HW1025-PT-BNA-SOILDL



Tgt Ion:252 Resp: 2144720

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.7 9.0 13.6

