

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025164.D
 Acq On : 16 Jul 2025 18:59
 Operator : CG/JU
 Sample : Q2600-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 END-OF-TRENCH

Quant Time: Jul 17 01:10:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

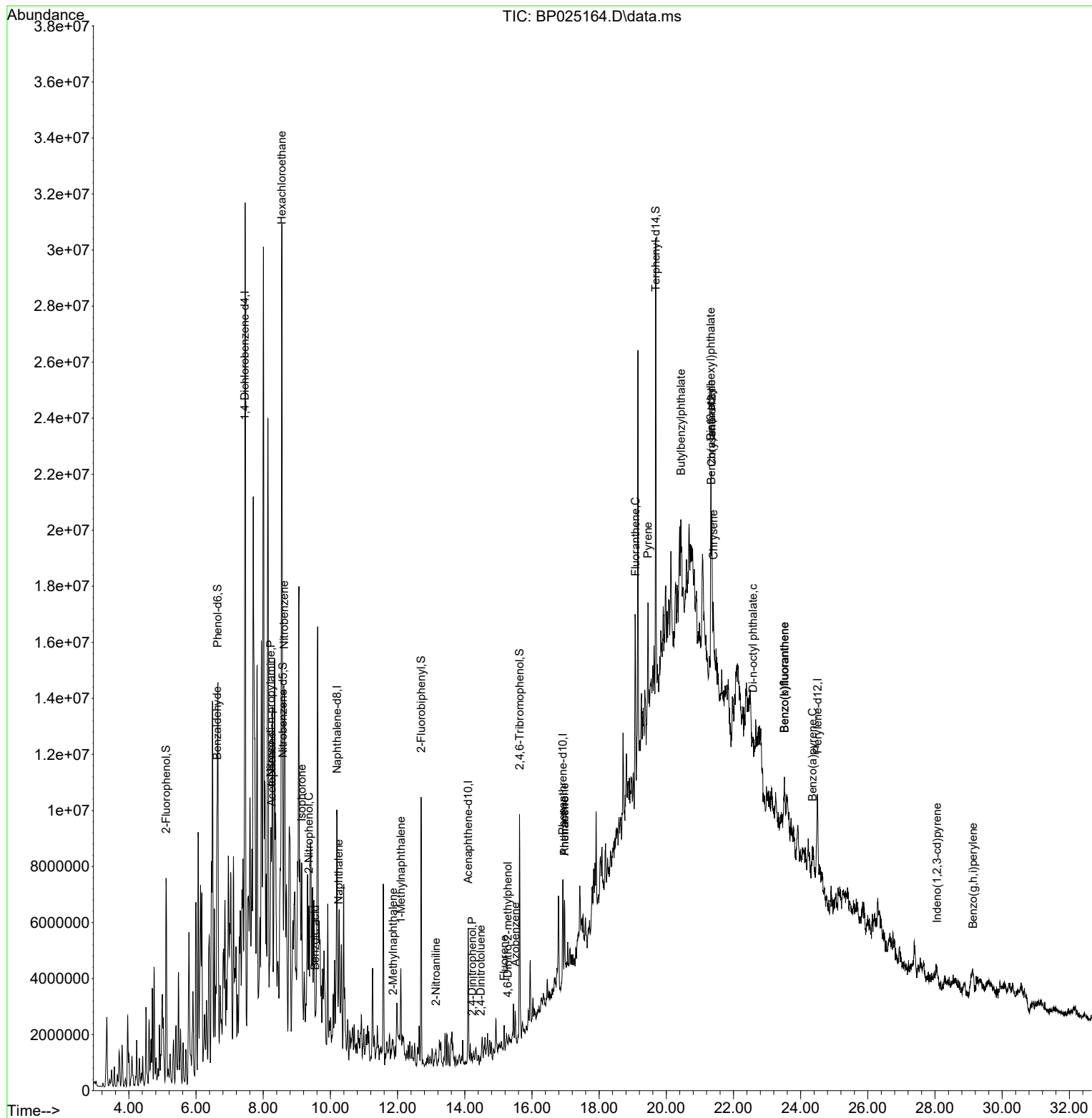
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.449	152	582317	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2493694	20.000	ng	# 0.01
39) Acenaphthene-d10	14.101	164	1630808	20.000	ng	0.01
64) Phenanthrene-d10	16.919	188	2984400	20.000	ng	0.01
76) Chrysene-d12	21.354	240	2659407	20.000	ng	0.01
86) Perylene-d12	24.501	264	3258106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	2760006	83.980	ng	0.01
7) Phenol-d6	6.643	99	3243256	75.621	ng	0.01
23) Nitrobenzene-d5	8.584	82	2174799	58.000	ng	0.02
42) 2,4,6-Tribromophenol	15.631	330	1725594	89.570	ng	0.01
45) 2-Fluorobiphenyl	12.701	172	5374932	51.059	ng	0.00
79) Terphenyl-d14	19.683	244	6888021	56.924	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.625	77	146930	6.560	ng	# 1
18) Hexachloroethane	8.549	117	2547524	187.682	ng	# 1
19) n-Nitroso-di-n-propyla...	8.225	70	167384	6.581	ng	# 63
22) Acetophenone	8.249	105	1502379	25.475	ng	# 52
24) Nitrobenzene	8.625	77	402121	10.529	ng	# 27
25) Isophorone	9.149	82	524763	7.489	ng	# 1
26) 2-Nitrophenol	9.360	139	32605	4.940	ng	# 1
31) Naphthalene	10.249	128	1261128	9.821	ng	# 93
32) Benzoic acid	9.549	122	3535	6.321	ng	# 1
37) 2-Methylnaphthalene	11.866	142	270867	2.990	ng	# 95
38) 1-Methylnaphthalene	12.095	142	708877	8.023	ng	# 98
48) 2-Nitroaniline	13.142	65	21354	3.686	ng	# 33
54) 2,4-Dinitrophenol	14.219	184	184	5.401	ng	# 1
57) 2,4-Dinitrotoluene	14.478	165	5491	2.796	ng	# 63
58) Fluorene	15.172	166	267049	2.378	ng	# 95
63) Azobenzene	15.501	77	318484	3.119	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.278	198	155	5.589	ng	# 1
71) Phenanthrene	16.972	178	2206595	13.837	ng	98
72) Anthracene	16.972	178	2206595	14.423	ng	98
75) Fluoranthene	19.077	202	3352727	17.986	ng	97
78) Pyrene	19.454	202	2979662	18.089	ng	97
80) Butylbenzylphthalate	20.436	149	844399	15.967	ng	97
81) Benzo(a)anthracene	21.336	228	1340653	8.319	ng	# 92
83) Chrysene	21.401	228	1338372	8.629	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.324	149	2959392	34.234	ng	97
85) Di-n-octyl phthalate	22.583	149	47911	6.363	ng	# 79
87) Indeno(1,2,3-cd)pyrene	28.059	276	876482	4.223	ng	# 92
88) Benzo(b)fluoranthene	23.518	252	1753378	9.246	ng	# 82
89) Benzo(k)fluoranthene	23.518	252	1753378	9.292	ng	# 82
90) Benzo(a)pyrene	24.354	252	1208350	7.487	ng	# 83
92) Benzo(g,h,i)perylene	29.130	276	808384	4.561	ng	95

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

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QLast Update : Thu Jul 03 16:05:44 2025
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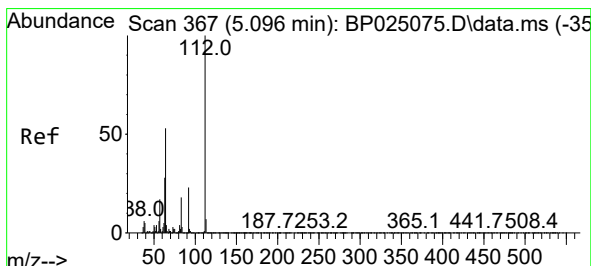
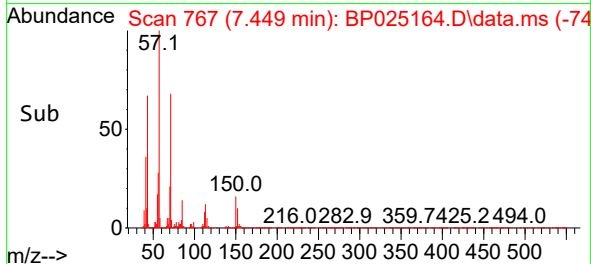
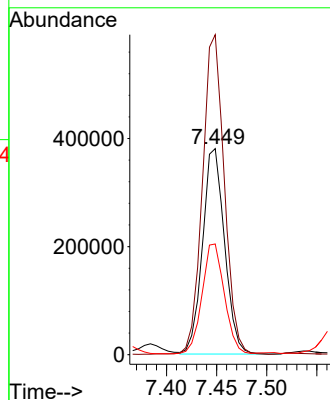
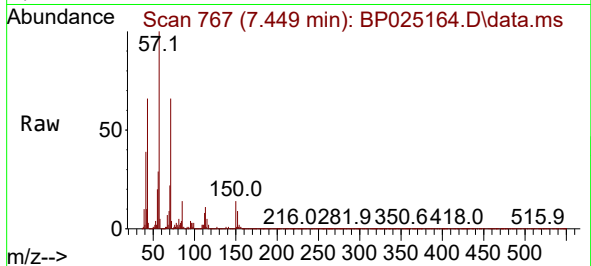




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.449 min Scan# 70
Delta R.T. 0.006 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

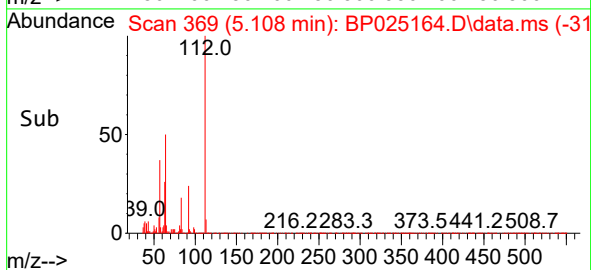
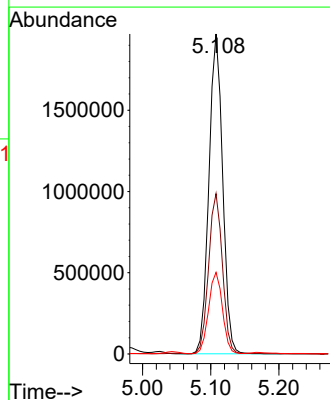
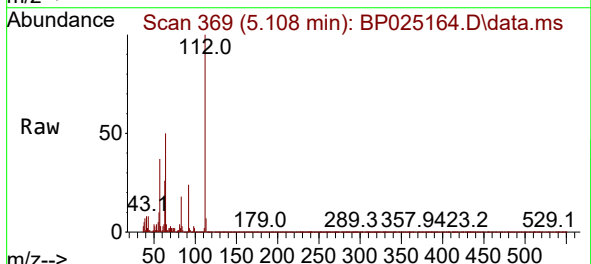
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BNA_P
ClientSampleId :
END-OF-TRENCH

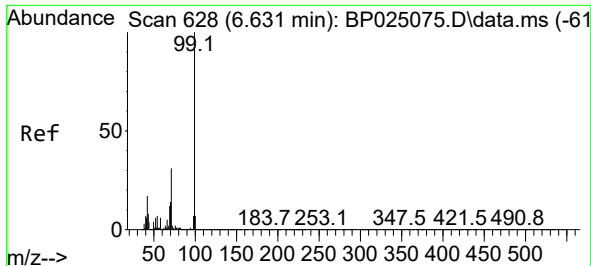
Tgt Ion:152 Resp: 582317
Ion Ratio Lower Upper
152 100
150 155.3 126.1 189.1
115 53.8 44.3 66.5



#5
2-Fluorophenol
Concen: 83.980 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.012 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

Tgt Ion:112 Resp: 2760006
Ion Ratio Lower Upper
112 100
64 50.1 42.0 63.0
63 25.5 22.2 33.2

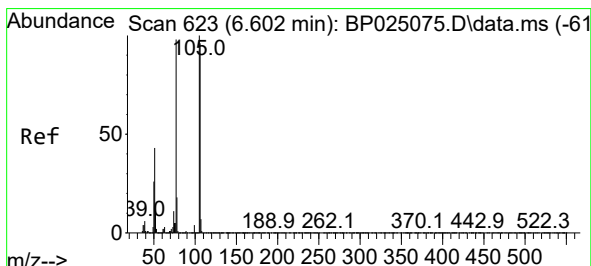
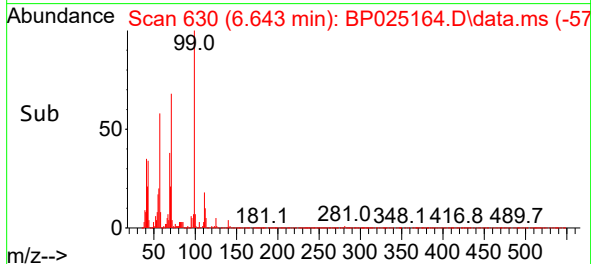
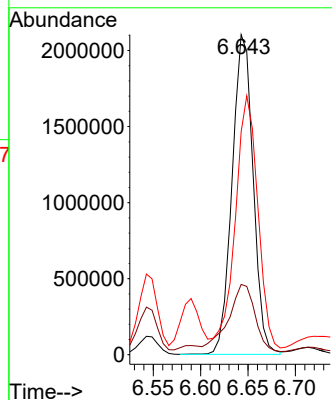
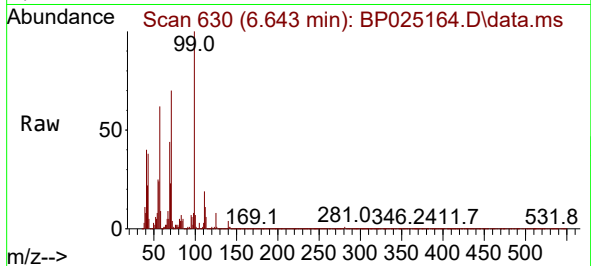




#7
Phenol-d6
Concen: 75.621 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

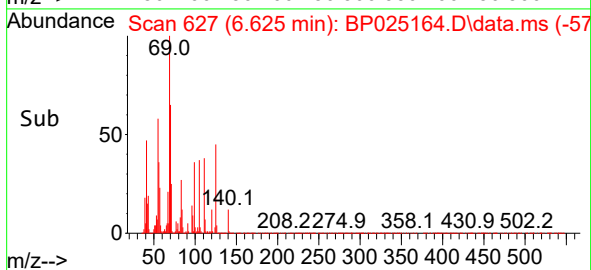
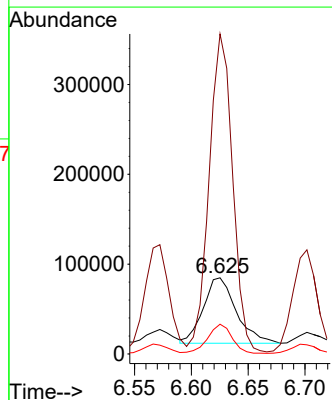
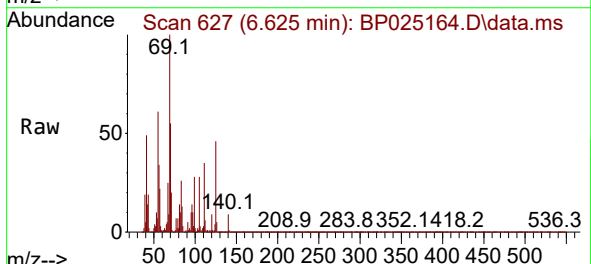
Instrument :
BNA_P
ClientSampleId :
END-OF-TRENCH

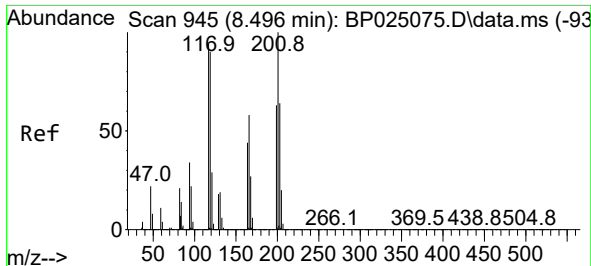
Tgt Ion: 99 Resp: 3243256
Ion Ratio Lower Upper
99 100
42 22.0 13.6 20.4#
71 69.7 24.4 36.6#



#9
Benzaldehyde
Concen: 6.560 ng
RT: 6.625 min Scan# 627
Delta R.T. 0.023 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

Tgt Ion: 77 Resp: 146930
Ion Ratio Lower Upper
77 100
105 419.8 82.4 122.4#
106 39.0 78.3 118.3#

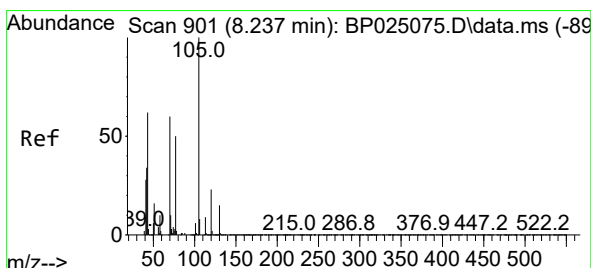
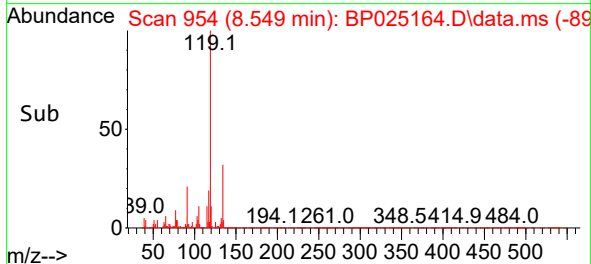
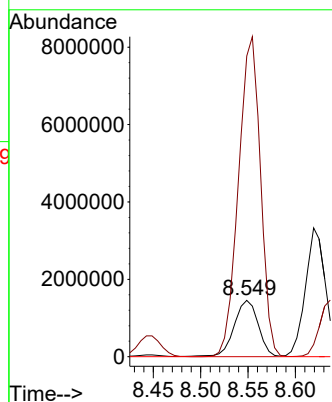
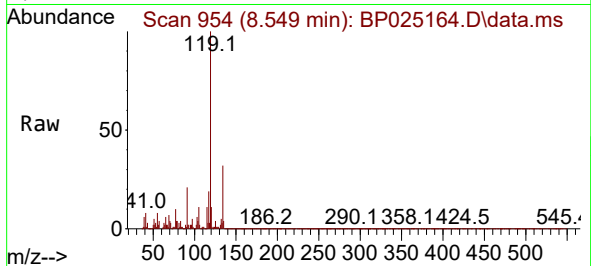




#18
Hexachloroethane
Concen: 187.682 ng
RT: 8.549 min Scan# 911
Delta R.T. 0.053 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

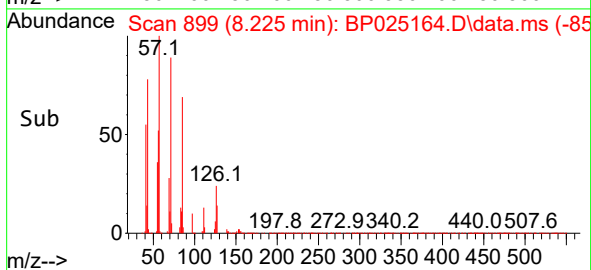
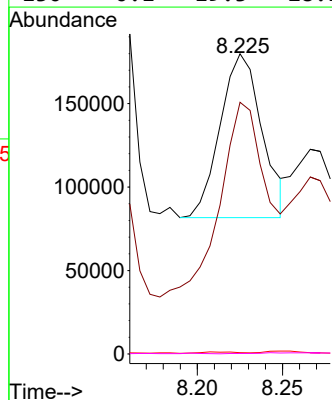
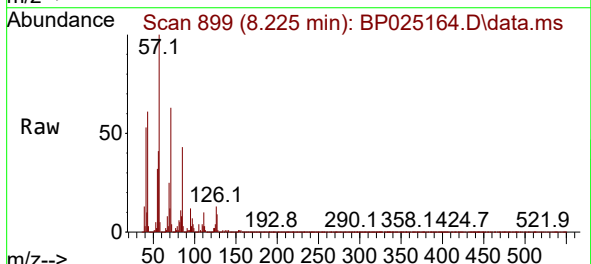
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ClientSampleId :
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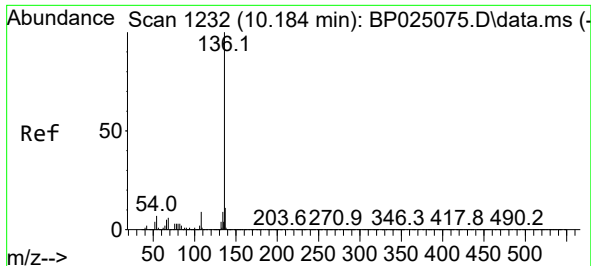
Tgt Ion:117 Resp: 2547524
Ion Ratio Lower Upper
117 100
119 533.1 76.6 115.0#
201 0.0 85.4 128.2#



#19
n-Nitroso-di-n-propylamine
Concen: 6.581 ng
RT: 8.225 min Scan# 899
Delta R.T. -0.012 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

Tgt Ion: 70 Resp: 167384
Ion Ratio Lower Upper
70 100
42 83.8 46.5 69.7#
101 0.4 7.9 11.9#
130 0.1 19.3 28.9#

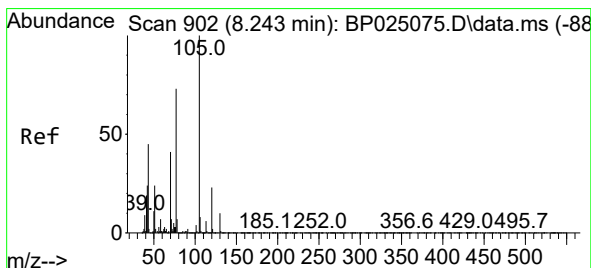
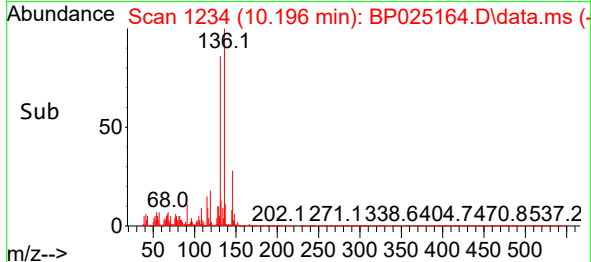
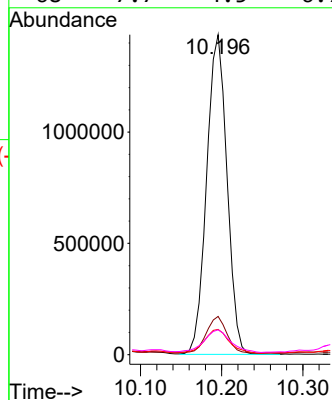
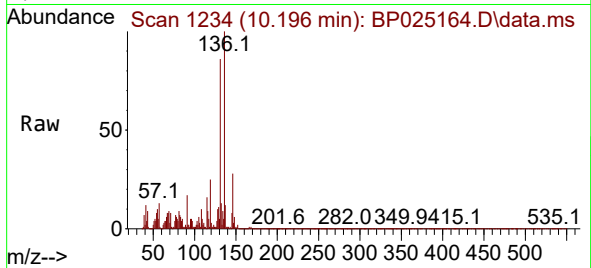




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.196 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

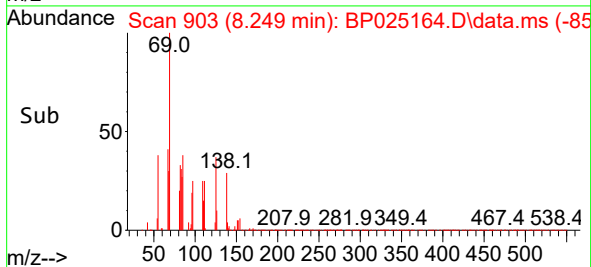
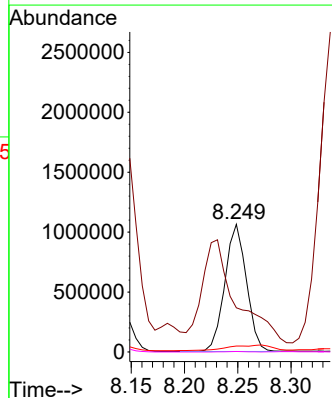
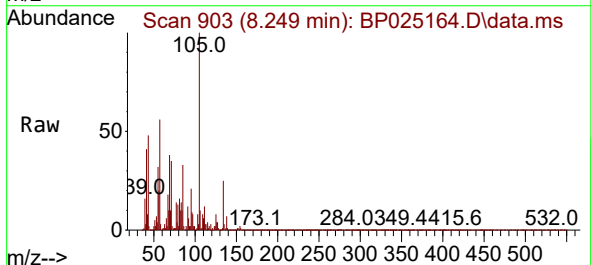
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BNA_P
ClientSampleId :
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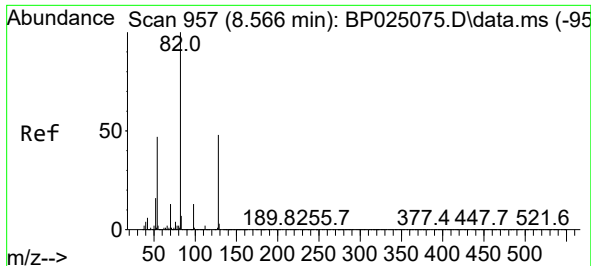
Tgt Ion:136 Resp: 2493694
Ion Ratio Lower Upper
136 100
137 11.9 8.7 13.1
54 7.9 5.4 8.2
68 7.7 4.5 6.7#



#22
Acetophenone
Concen: 25.475 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

Tgt Ion:105 Resp: 1502379
Ion Ratio Lower Upper
105 100
71 34.6 5.4 8.2#
51 4.7 19.6 29.4#
120 0.4 18.8 28.2#

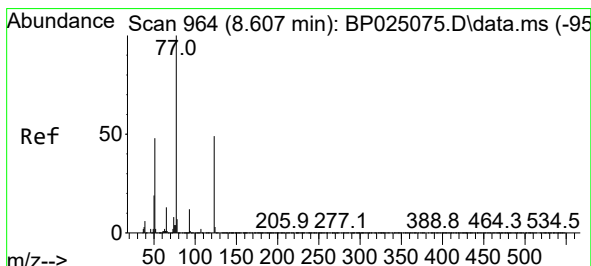
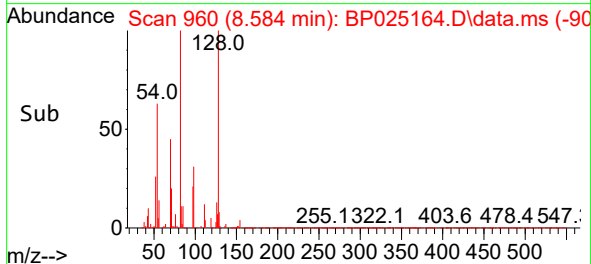
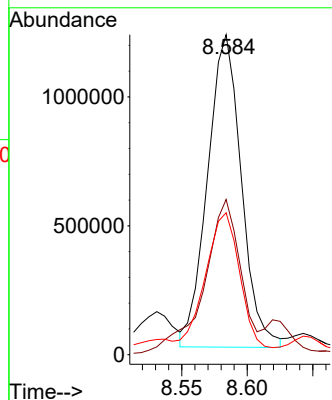
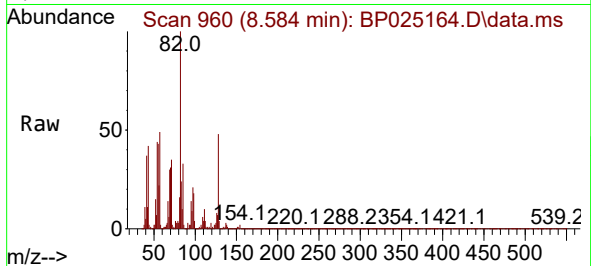




#23
Nitrobenzene-d5
Concen: 58.000 ng
RT: 8.584 min Scan# 960
Delta R.T. 0.018 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

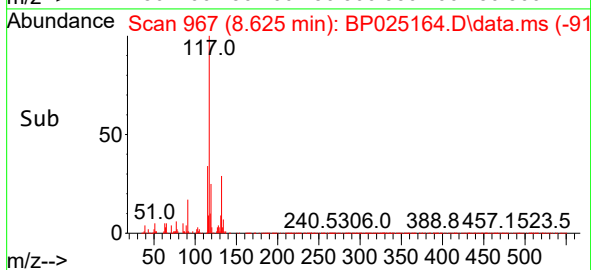
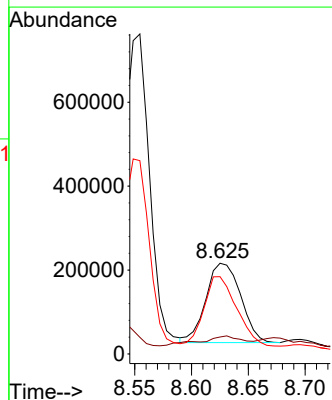
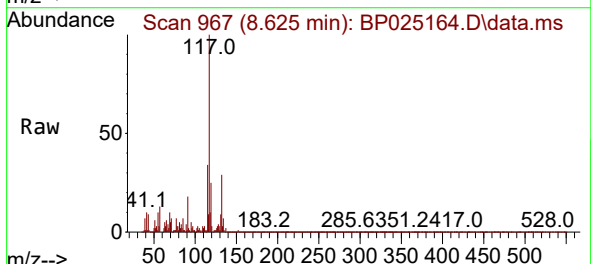
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ClientSampleId :
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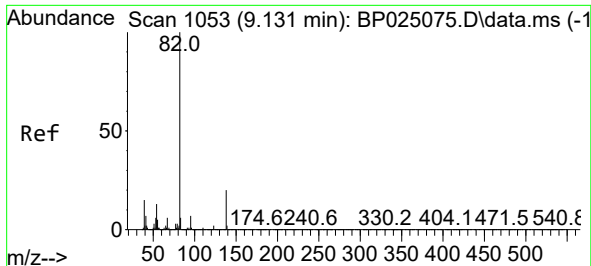
Tgt Ion: 82 Resp: 2174799
Ion Ratio Lower Upper
82 100
128 48.5 38.4 57.6
54 44.3 37.8 56.6



#24
Nitrobenzene
Concen: 10.529 ng
RT: 8.625 min Scan# 967
Delta R.T. 0.018 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

Tgt Ion: 77 Resp: 402121
Ion Ratio Lower Upper
77 100
123 18.7 39.0 58.6#
65 85.3 10.7 16.1#

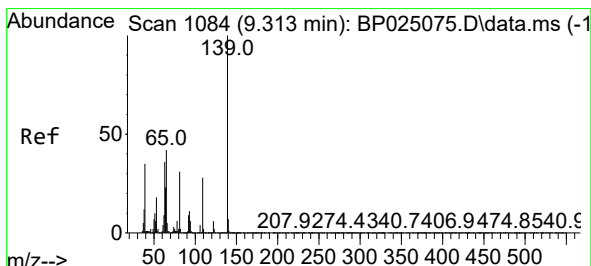
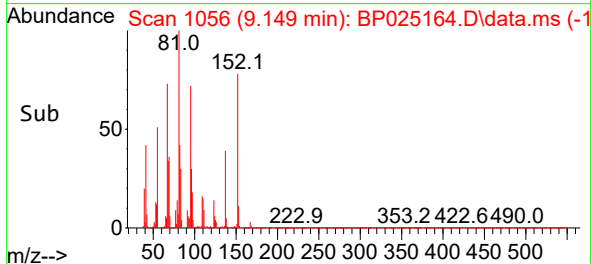
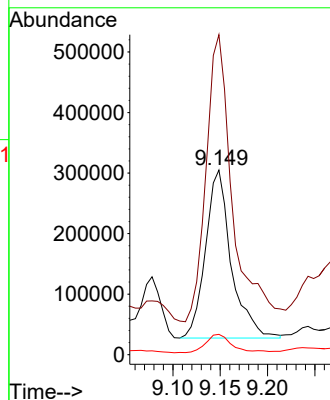
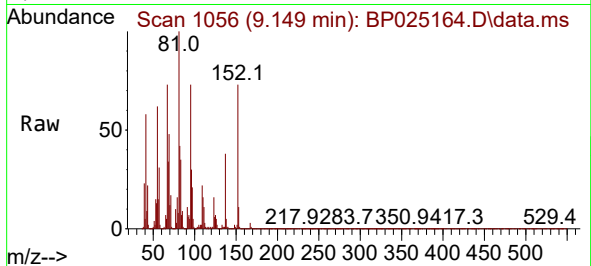




#25
Isophorone
Concen: 7.489 ng
RT: 9.149 min Scan# 1053
Delta R.T. 0.018 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

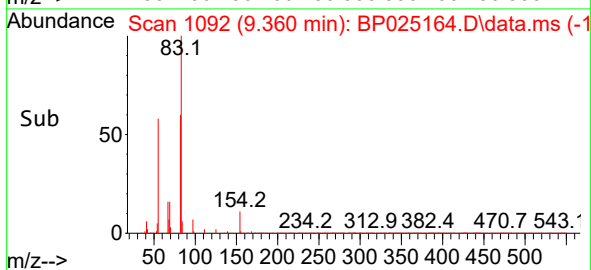
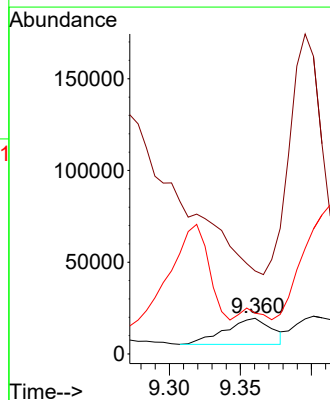
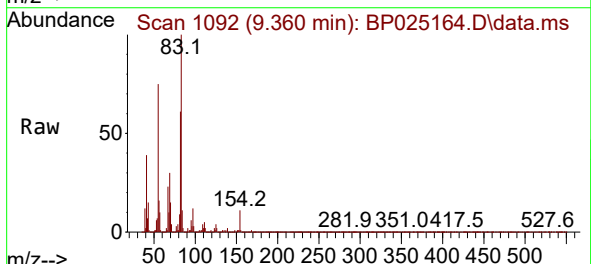
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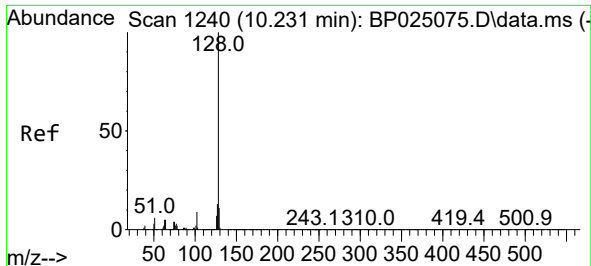
Tgt Ion: 82 Resp: 524763
Ion Ratio Lower Upper
82 100
95 173.4 5.8 8.6#
138 11.0 15.7 23.5#



#26
2-Nitrophenol
Concen: 4.940 ng
RT: 9.360 min Scan# 1092
Delta R.T. 0.047 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

Tgt Ion: 139 Resp: 32605
Ion Ratio Lower Upper
139 100
109 232.9 22.3 33.5#
65 114.4 33.8 50.8#

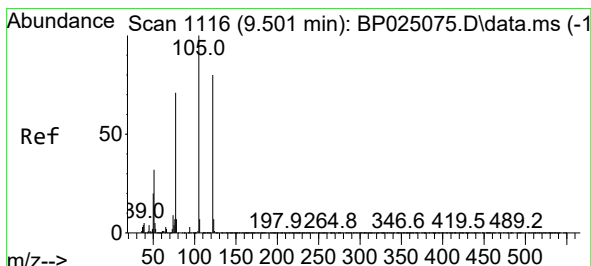
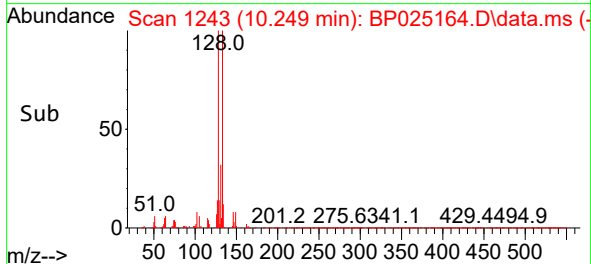
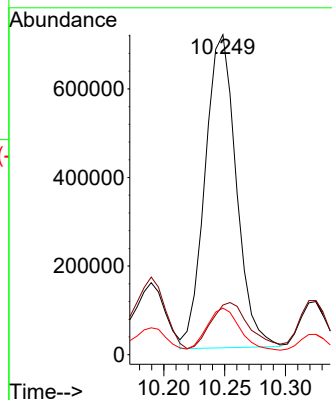
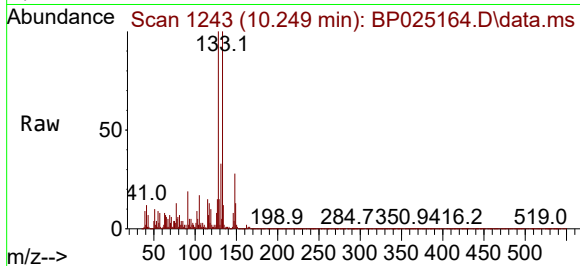




#31
Naphthalene
Concen: 9.821 ng
RT: 10.249 min Scan# 1124
Delta R.T. 0.018 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

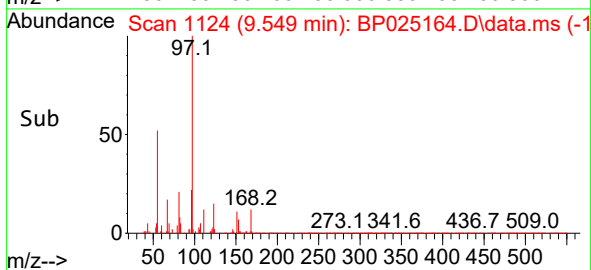
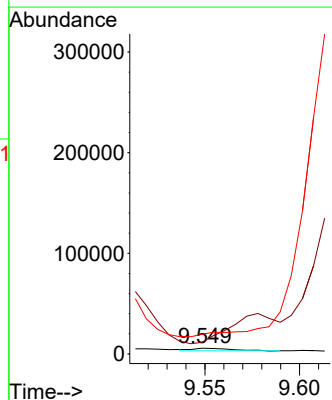
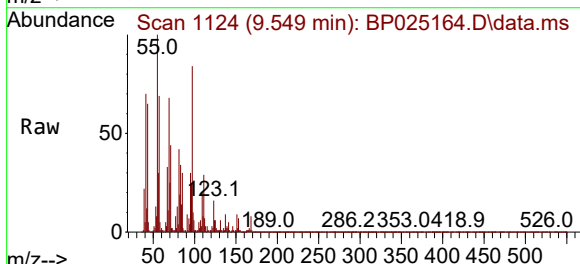
Instrument :
BNA_P
ClientSampleId :
END-OF-TRENCH

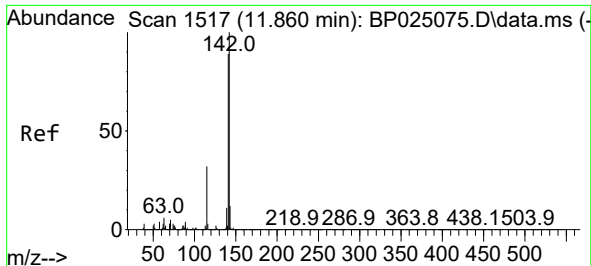
Tgt Ion:128 Resp: 1261128
Ion Ratio Lower Upper
128 100
129 15.5 8.9 13.3#
127 14.6 10.4 15.6



#32
Benzoic acid
Concen: 6.321 ng
RT: 9.549 min Scan# 1124
Delta R.T. 0.048 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

Tgt Ion:122 Resp: 3535
Ion Ratio Lower Upper
122 100
105 203.5 101.0 141.0#
77 342.9 67.6 107.6#

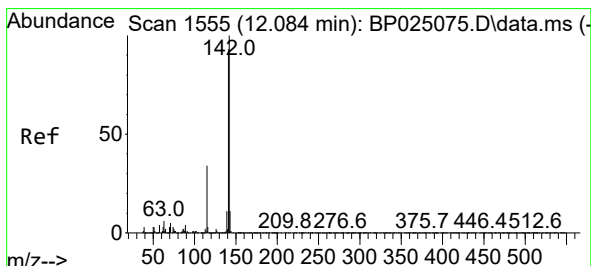
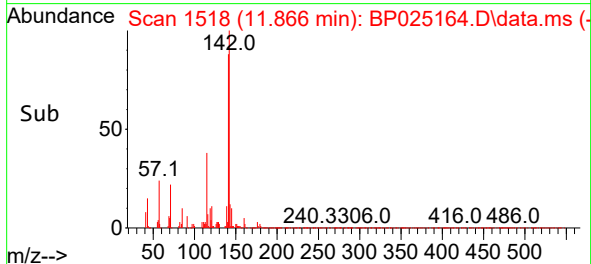
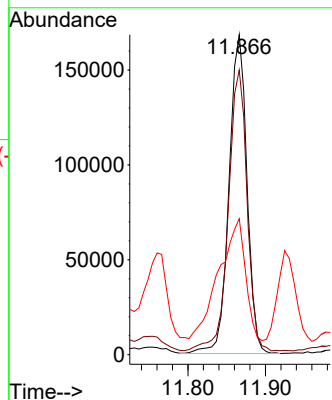
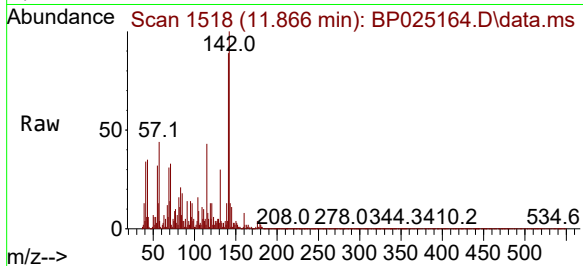




#37
2-Methylnaphthalene
Concen: 2.990 ng
RT: 11.866 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

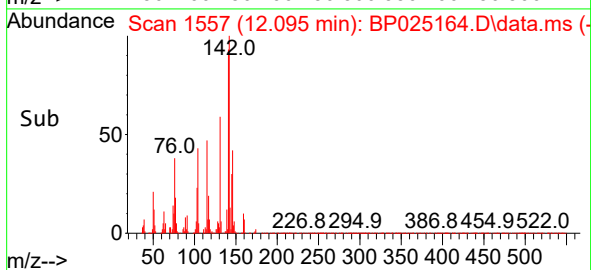
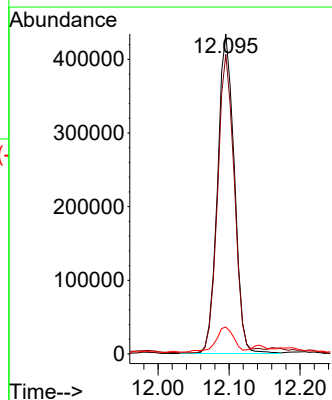
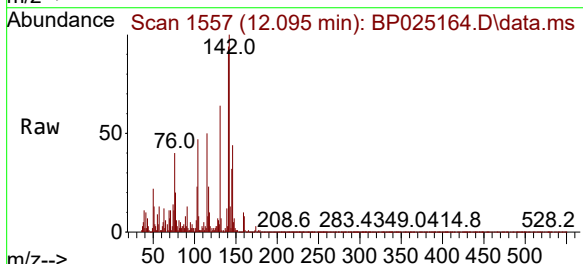
Instrument :
BNA_P
ClientSampleId :
END-OF-TRENCH

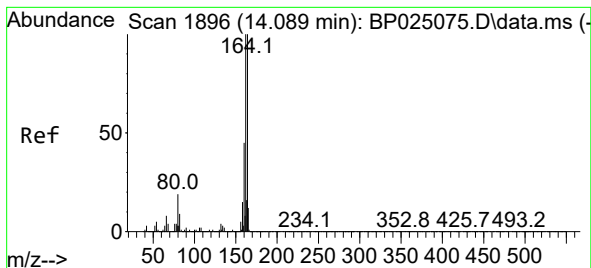
Tgt Ion:142 Resp: 270867
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8
115 42.5 25.9 38.9#



#38
1-Methylnaphthalene
Concen: 8.023 ng
RT: 12.095 min Scan# 1557
Delta R.T. 0.012 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

Tgt Ion:142 Resp: 708877
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1
116 8.4 2.7 4.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.101 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

Instrument :

BNA_P

ClientSampleId :

END-OF-TRENCH

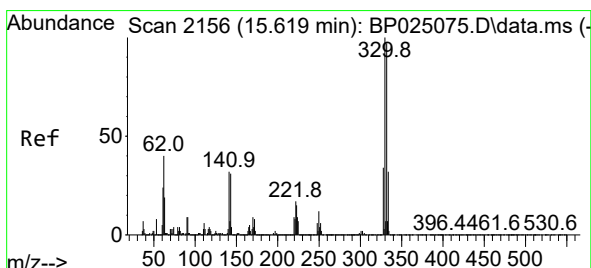
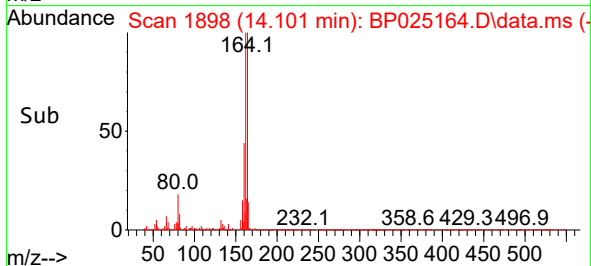
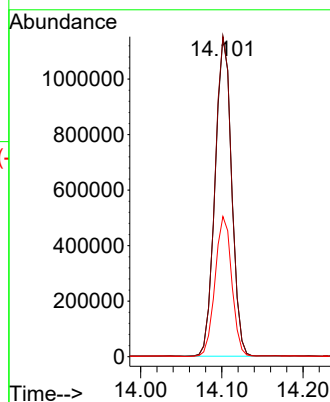
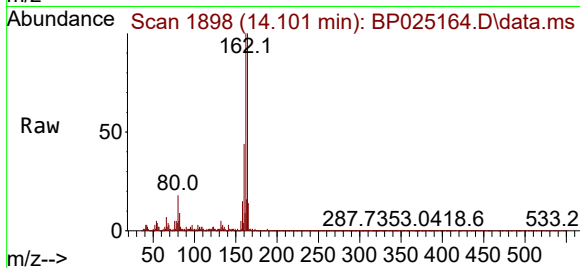
Tgt Ion:164 Resp: 1630808

Ion Ratio Lower Upper

164 100

162 100.1 80.3 120.5

160 43.8 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 89.570 ng

RT: 15.631 min Scan# 2158

Delta R.T. 0.012 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

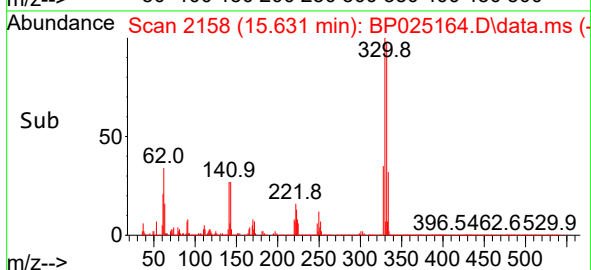
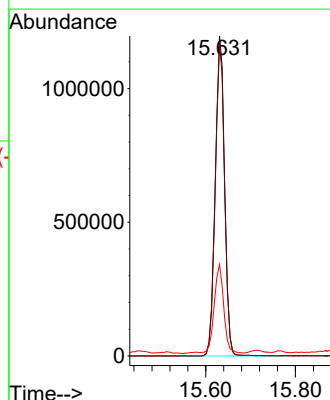
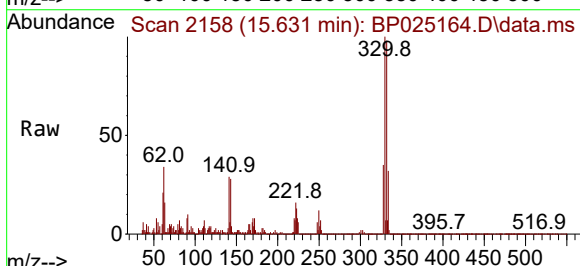
Tgt Ion:330 Resp: 1725594

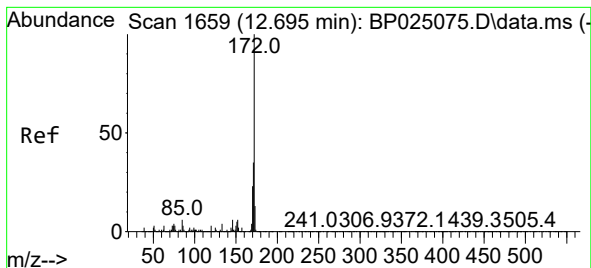
Ion Ratio Lower Upper

330 100

332 97.6 77.7 116.5

141 27.9 26.0 39.0





#45

2-Fluorobiphenyl

Concen: 51.059 ng

RT: 12.701 min Scan# 1660

Delta R.T. 0.006 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

Instrument :

BNA_P

ClientSampleId :

END-OF-TRENCH

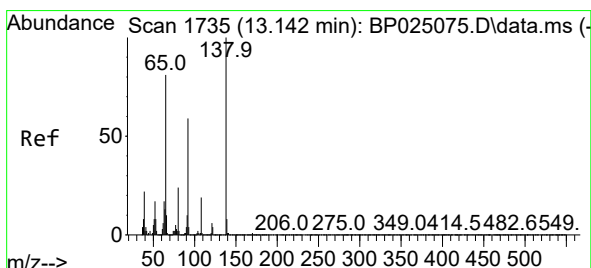
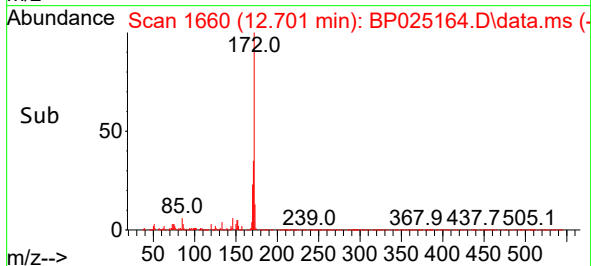
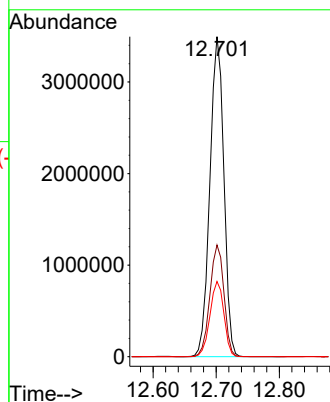
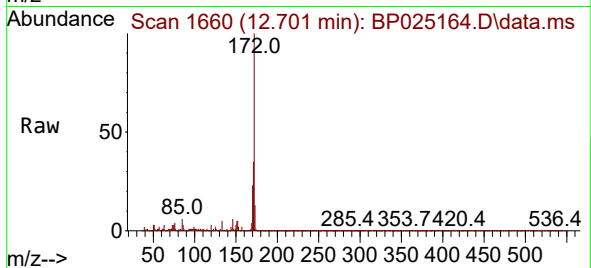
Tgt Ion:172 Resp: 5374932

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.686 ng

RT: 13.142 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

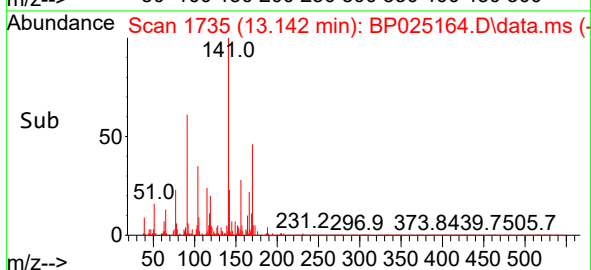
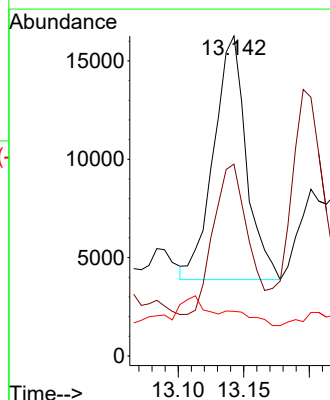
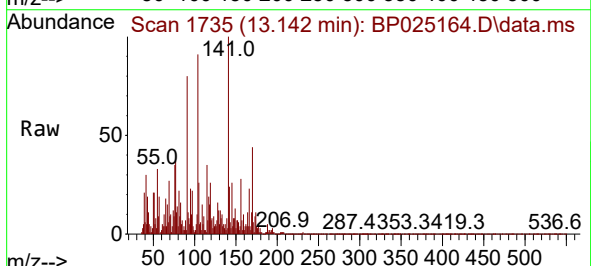
Tgt Ion: 65 Resp: 21354

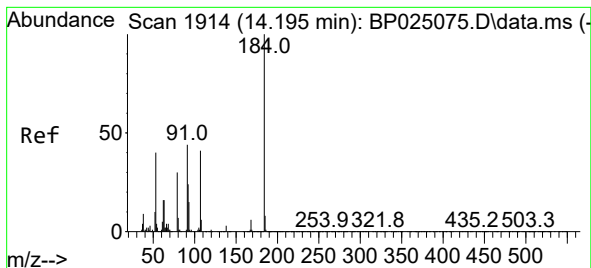
Ion Ratio Lower Upper

65 100

92 59.9 58.7 88.1

138 13.9 99.0 148.4#

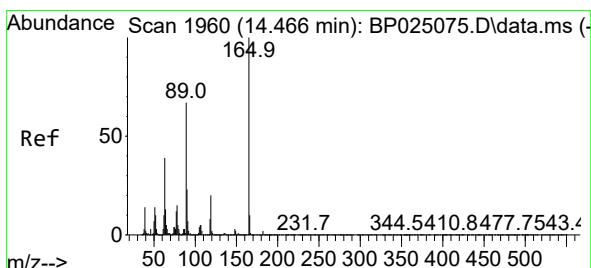
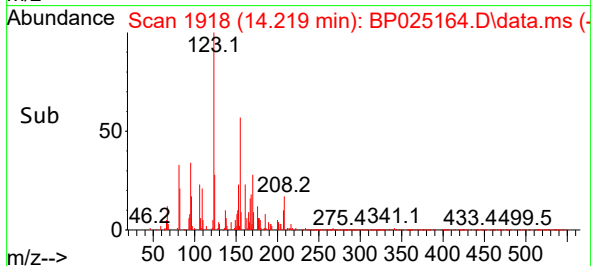
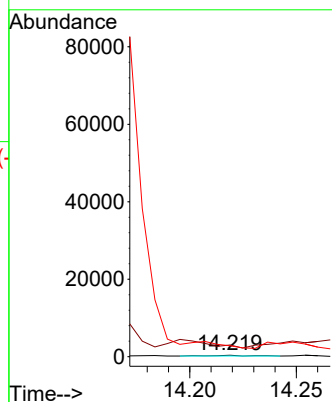
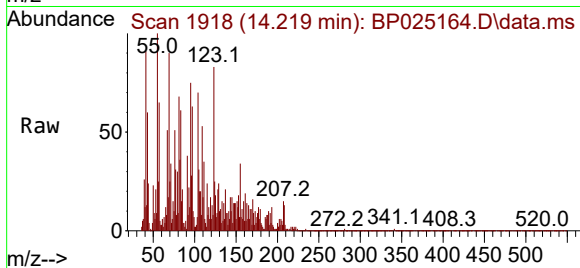




#54
2,4-Dinitrophenol
Concen: 5.401 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.024 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

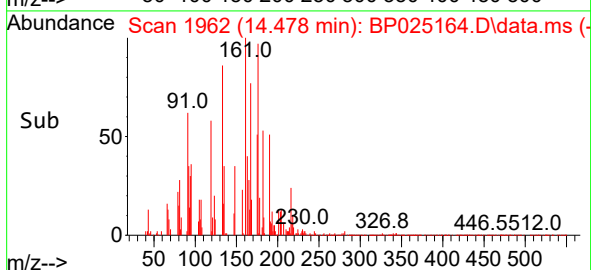
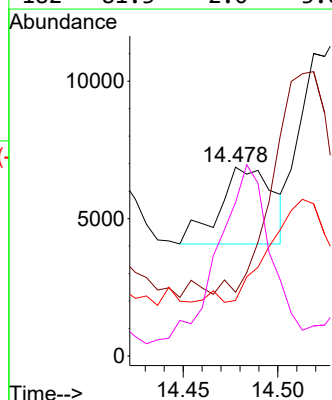
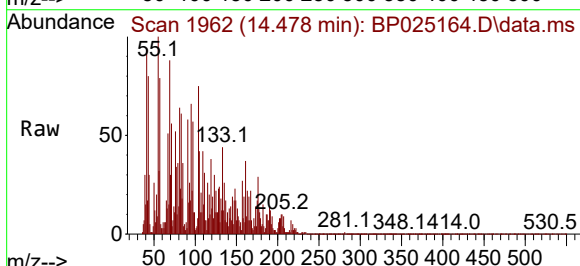
Instrument :
BNA_P
ClientSampleId :
END-OF-TRENCH

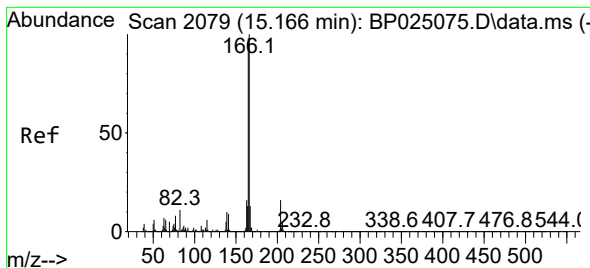
Tgt Ion:184 Resp: 184
Ion Ratio Lower Upper
184 100
63 802.4 47.4 71.0#
154 750.5 47.8 71.8#



#57
2,4-Dinitrotoluene
Concen: 2.796 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

Tgt Ion:165 Resp: 5491
Ion Ratio Lower Upper
165 100
63 33.8 31.0 46.4
89 29.4 53.4 80.0#
182 81.3 2.0 3.0#





#58

Fluorene

Concen: 2.378 ng

RT: 15.172 min Scan# 2079

Delta R.T. 0.006 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

Instrument :

BNA_P

ClientSampleId :

END-OF-TRENCH

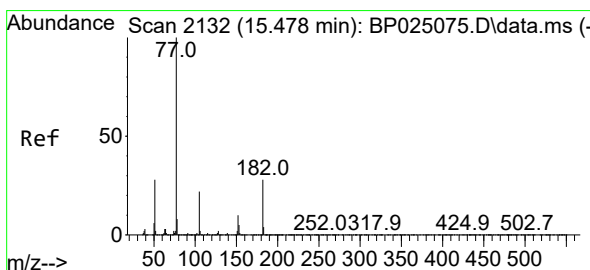
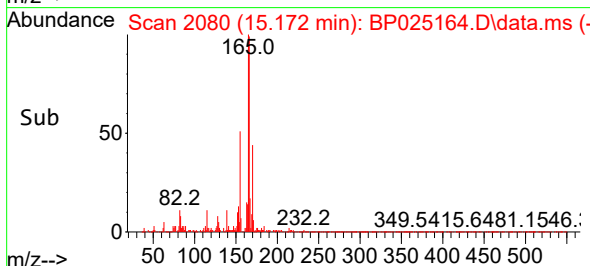
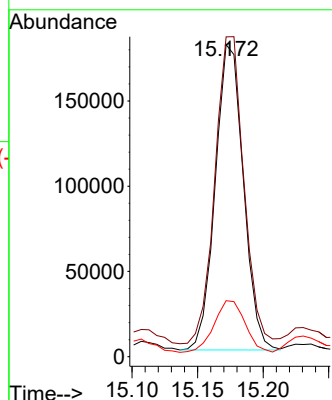
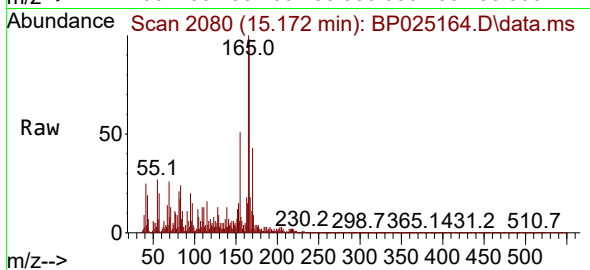
Tgt Ion:166 Resp: 267049

Ion Ratio Lower Upper

166 100

165 102.6 78.6 117.8

167 18.0 10.7 16.1#



#63

Azobenzene

Concen: 3.119 ng

RT: 15.501 min Scan# 2136

Delta R.T. 0.024 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

Tgt Ion: 77 Resp: 318484

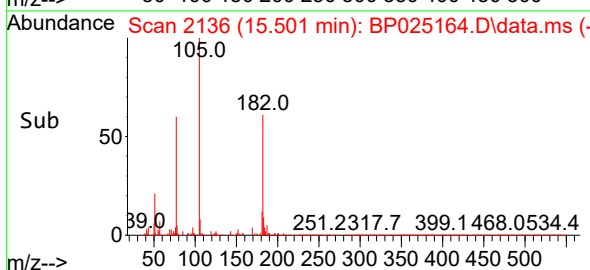
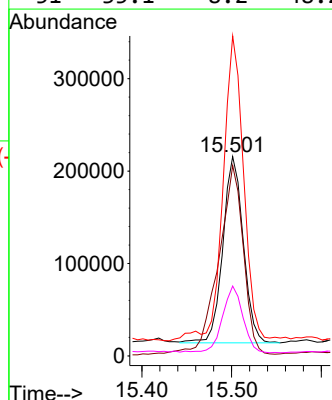
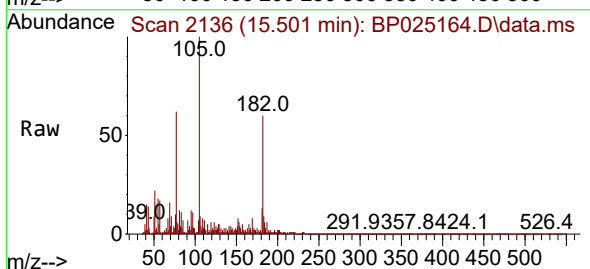
Ion Ratio Lower Upper

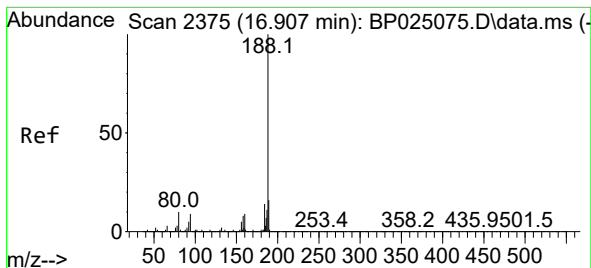
77 100

182 95.5 7.7 47.7#

105 160.6 1.9 41.9#

51 35.1 8.2 48.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.919 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

Instrument :

BNA_P

ClientSampleId :

END-OF-TRENCH

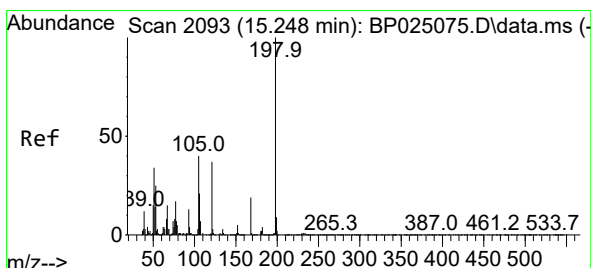
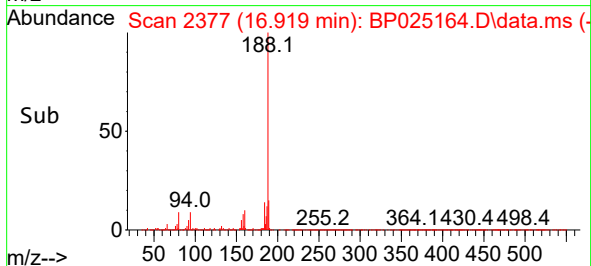
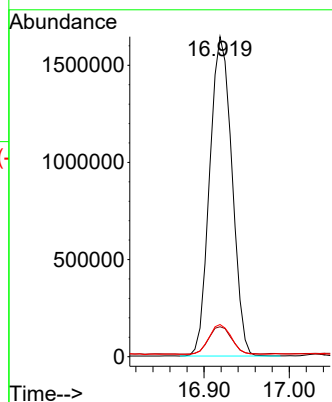
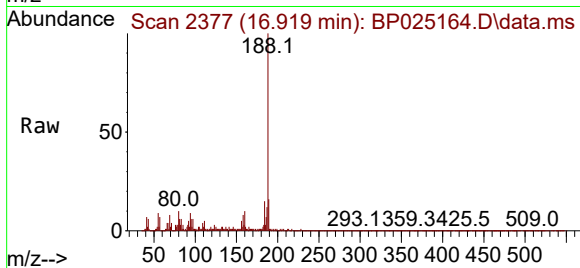
Tgt Ion:188 Resp: 2984400

Ion Ratio Lower Upper

188 100

94 9.4 7.3 10.9

80 10.1 7.8 11.6



#65

4,6-Dinitro-2-methylphenol

Concen: 5.589 ng

RT: 15.278 min Scan# 2098

Delta R.T. 0.030 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

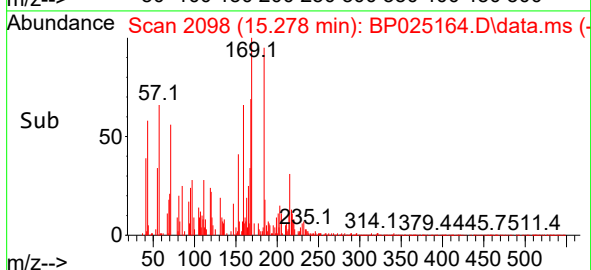
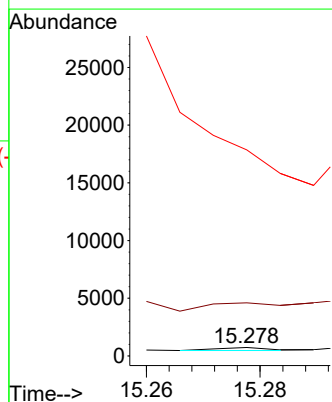
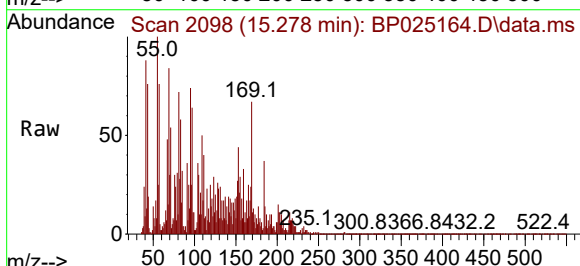
Tgt Ion:198 Resp: 155

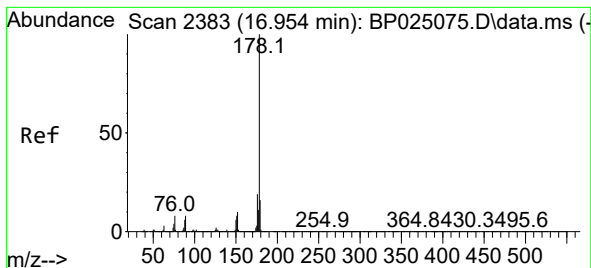
Ion Ratio Lower Upper

198 100

51 627.1 16.8 56.8#

105 2433.8 20.8 60.8#





#71

Phenanthrene

Concen: 13.837 ng

RT: 16.972 min Scan# 2386

Delta R.T. 0.018 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

Instrument :

BNA_P

ClientSampleId :

END-OF-TRENCH

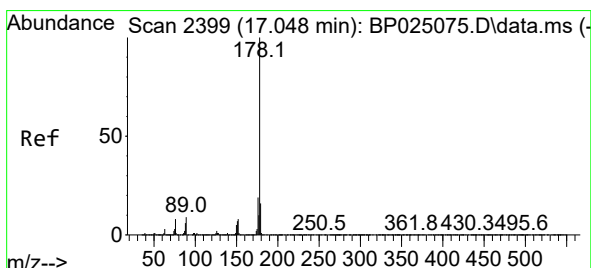
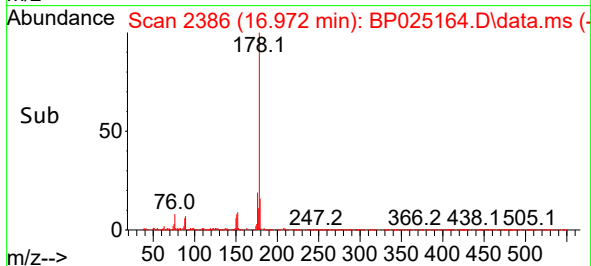
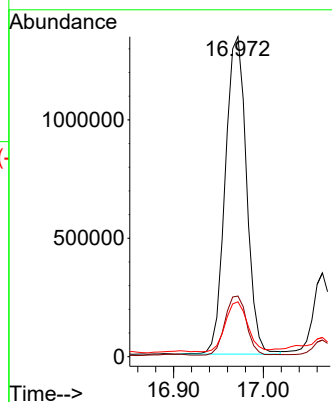
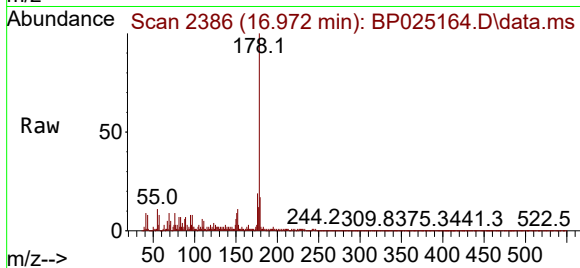
Tgt Ion:178 Resp: 2206595

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 17.2 12.6 19.0



#72

Anthracene

Concen: 14.423 ng

RT: 16.972 min Scan# 2386

Delta R.T. -0.076 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

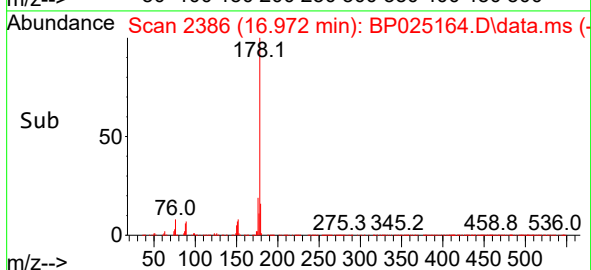
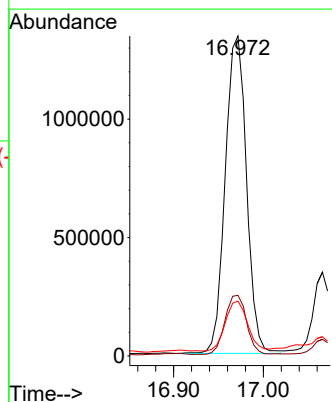
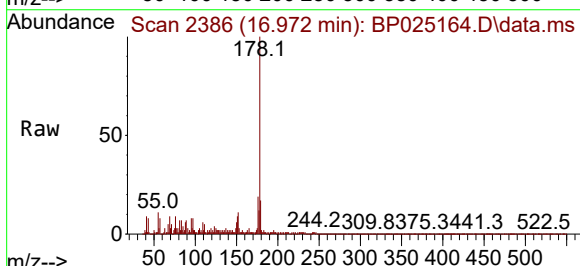
Tgt Ion:178 Resp: 2206595

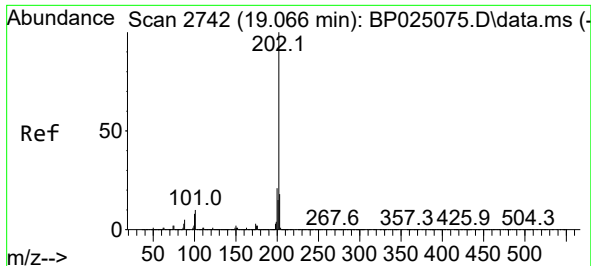
Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

179 17.2 12.5 18.7

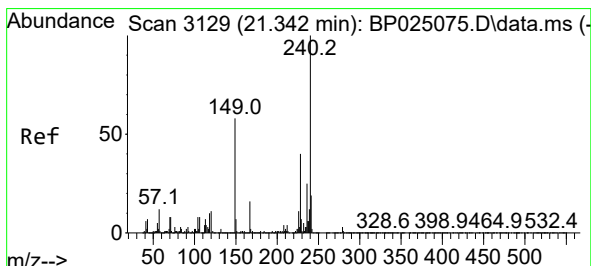
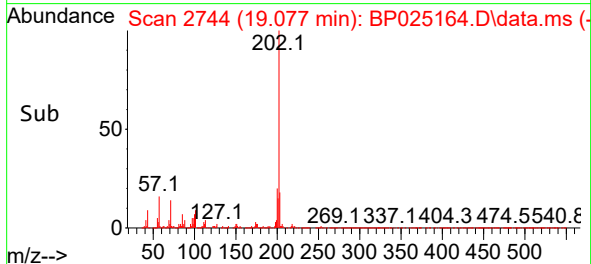
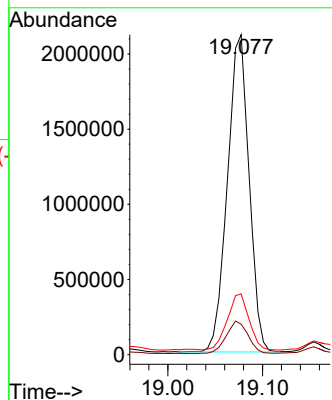
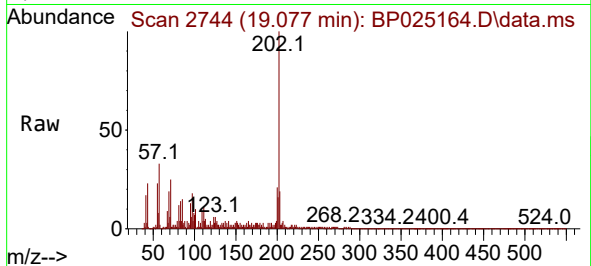




#75
Fluoranthene
Concen: 17.986 ng
RT: 19.077 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

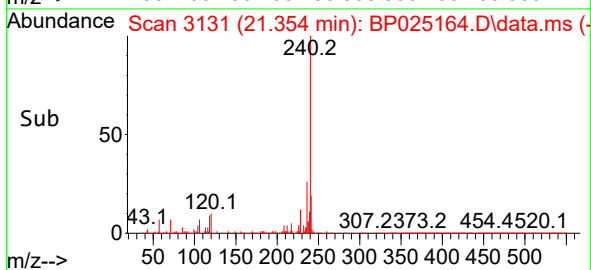
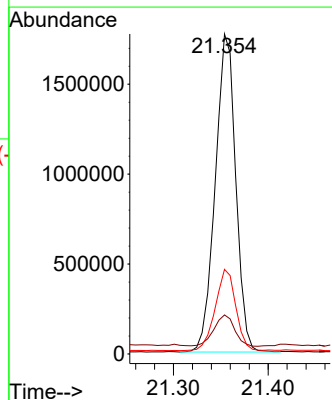
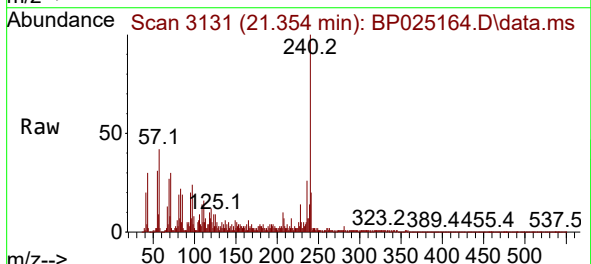
Instrument :
BNA_P
ClientSampleId :
END-OF-TRENCH

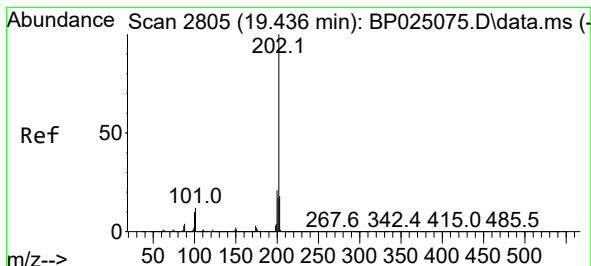
Tgt Ion:202 Resp: 3352727
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.4
203 19.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

Tgt Ion:240 Resp: 2659407
Ion Ratio Lower Upper
240 100
120 12.2 9.0 13.4
236 26.5 20.3 30.5





#78

Pyrene

Concen: 18.089 ng

RT: 19.454 min Scan# 2808

Delta R.T. 0.018 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

Instrument :

BNA_P

ClientSampleId :

END-OF-TRENCH

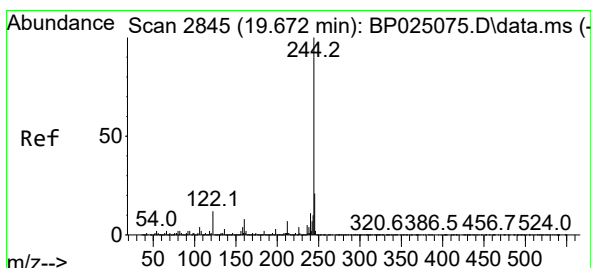
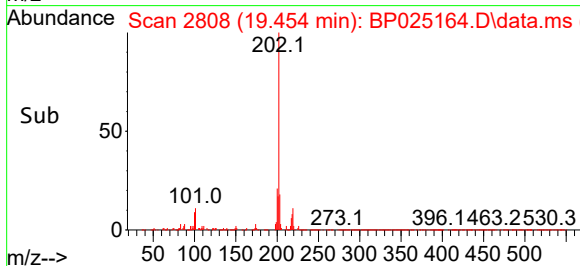
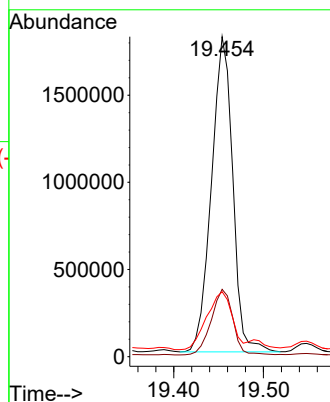
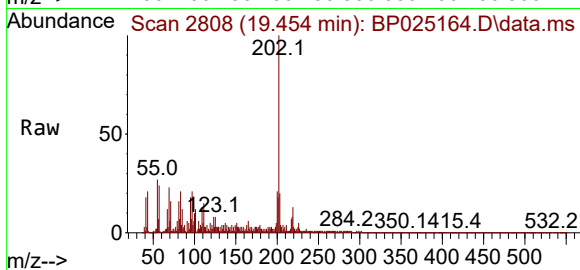
Tgt Ion:202 Resp: 2979662

Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 20.3 14.1 21.1



#79

Terphenyl-d14

Concen: 56.924 ng

RT: 19.683 min Scan# 2847

Delta R.T. 0.012 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

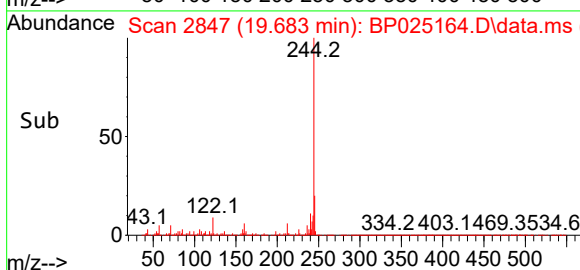
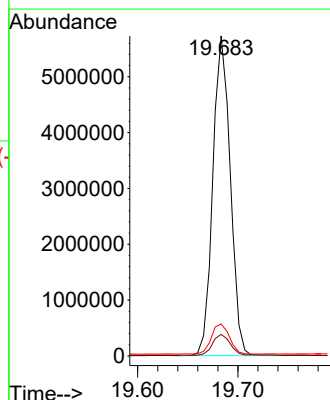
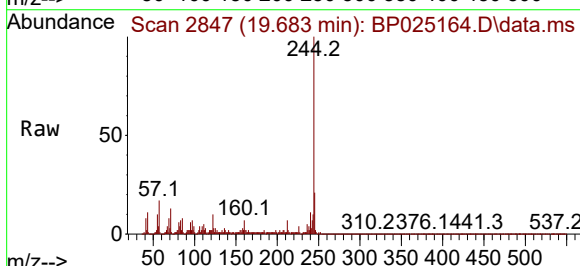
Tgt Ion:244 Resp: 6888021

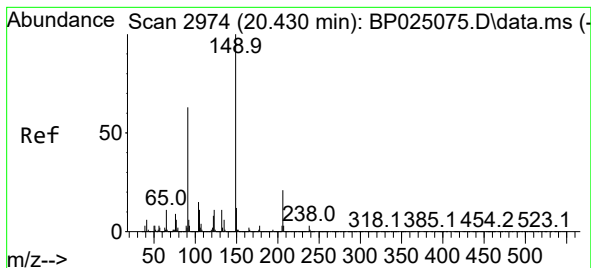
Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 10.0 9.4 14.2





#80

Butylbenzylphthalate

Concen: 15.967 ng

RT: 20.436 min Scan# 2974

Delta R.T. 0.006 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

Instrument :

BNA_P

ClientSampleId :

END-OF-TRENCH

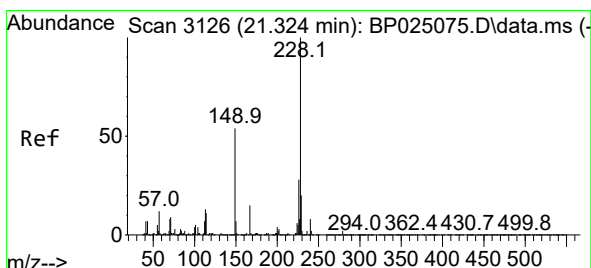
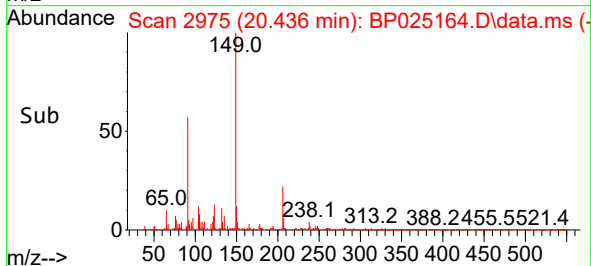
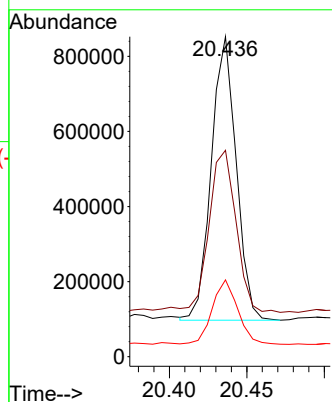
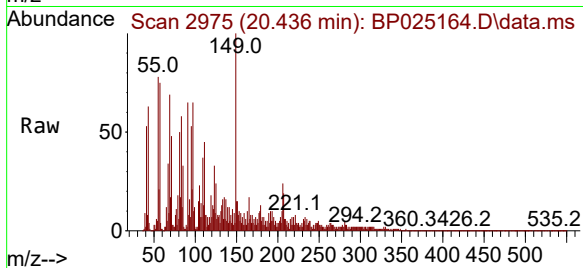
Tgt Ion:149 Resp: 844399

Ion Ratio Lower Upper

149 100

91 64.5 50.6 76.0

206 24.0 17.2 25.8



#81

Benzo(a)anthracene

Concen: 8.319 ng

RT: 21.336 min Scan# 3128

Delta R.T. 0.012 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

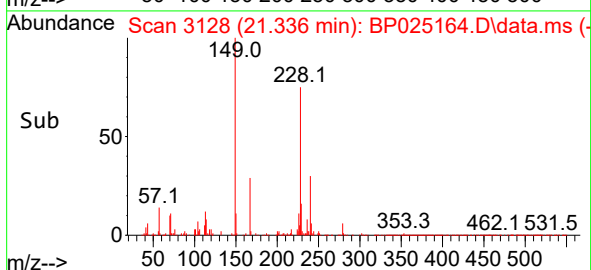
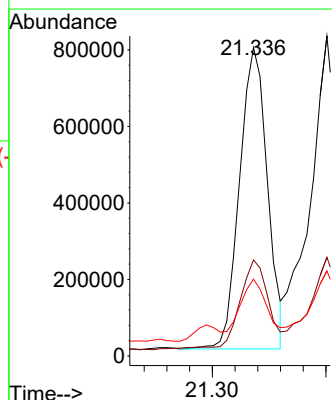
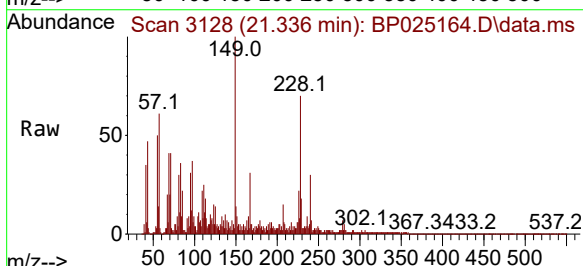
Tgt Ion:228 Resp: 1340653

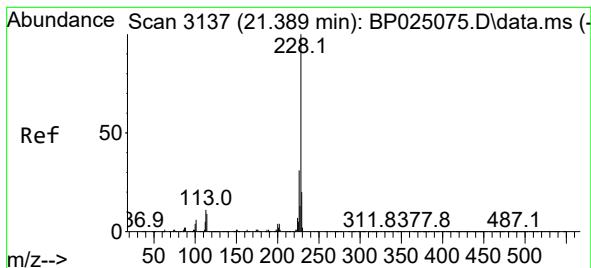
Ion Ratio Lower Upper

228 100

226 31.1 22.1 33.1

229 24.9 16.0 24.0#





#83

Chrysene

Concen: 8.629 ng

RT: 21.401 min Scan# 3139

Delta R.T. 0.012 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

Instrument :

BNA_P

ClientSampleId :

END-OF-TRENCH

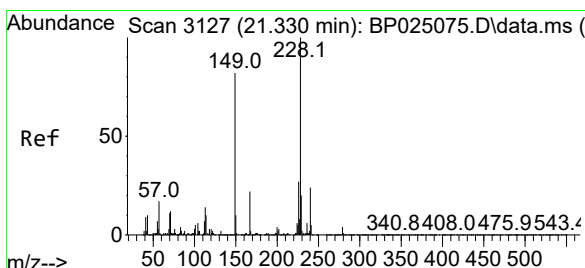
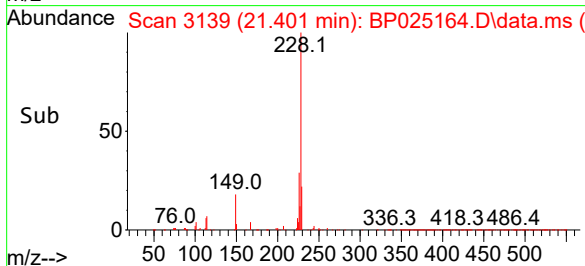
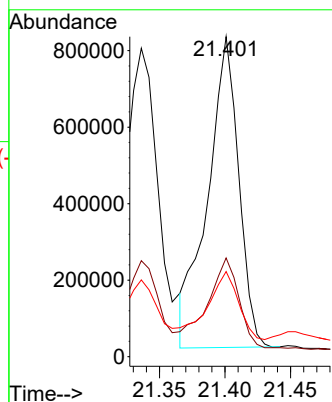
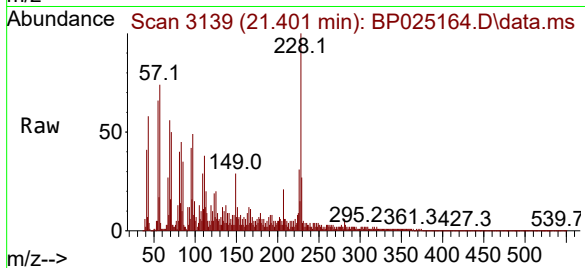
Tgt Ion:228 Resp: 1338372

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 26.6 16.0 24.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.234 ng

RT: 21.324 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

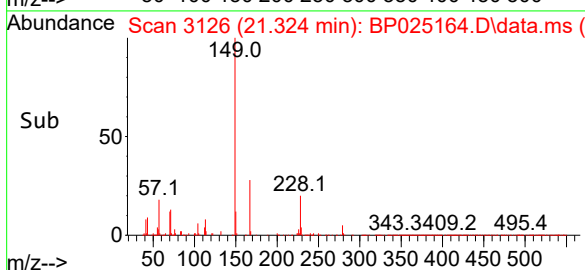
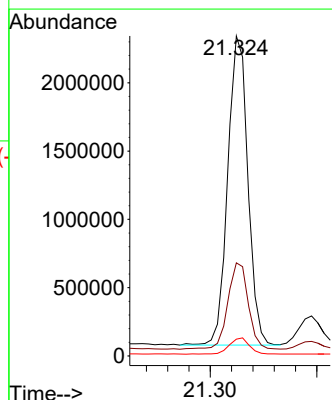
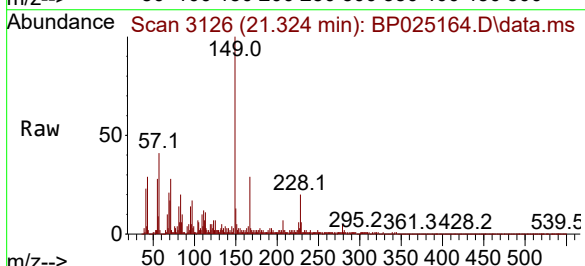
Tgt Ion:149 Resp: 2959392

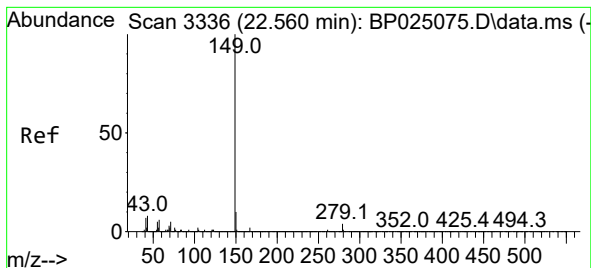
Ion Ratio Lower Upper

149 100

167 29.1 21.9 32.9

279 5.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 6.363 ng

RT: 22.583 min Scan# 31

Delta R.T. 0.023 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

Instrument :

BNA_P

ClientSampleId :

END-OF-TRENCH

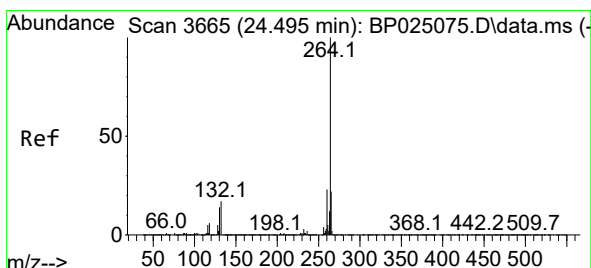
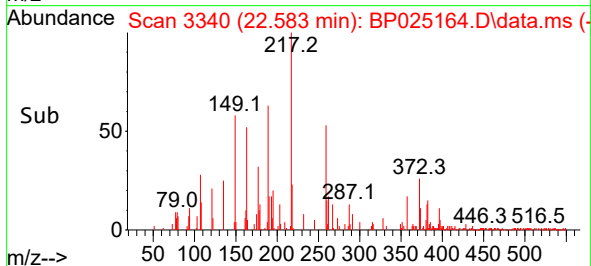
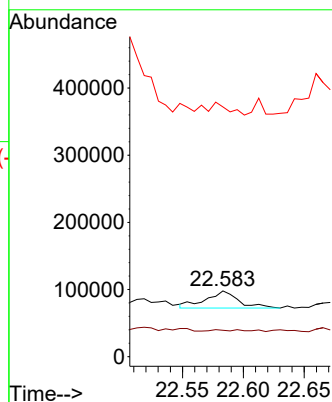
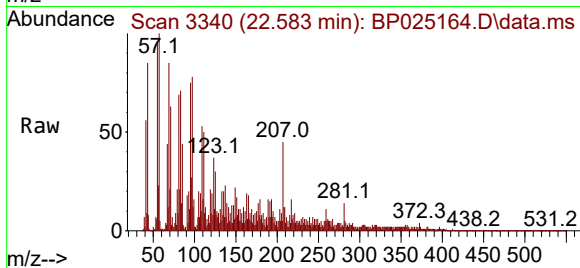
Tgt Ion:149 Resp: 47911

Ion Ratio Lower Upper

149 100

167 2.7 1.3 1.9#

43 0.0 6.9 10.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.501 min Scan# 3666

Delta R.T. 0.006 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

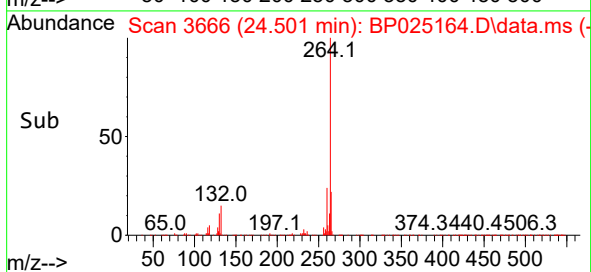
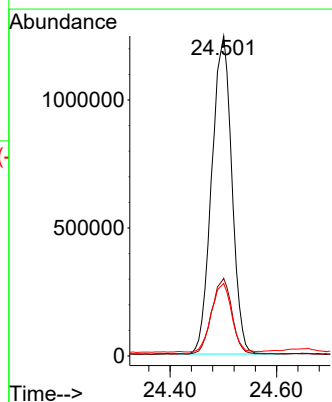
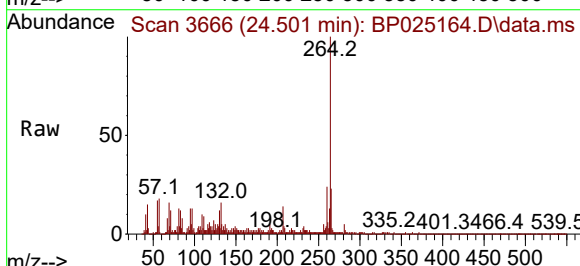
Tgt Ion:264 Resp: 3258106

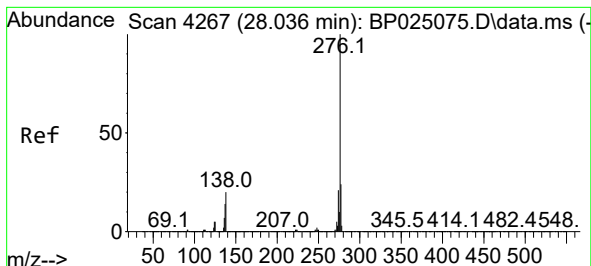
Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 22.7 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.223 ng

RT: 28.059 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

Instrument :

BNA_P

ClientSampleId :

END-OF-TRENCH

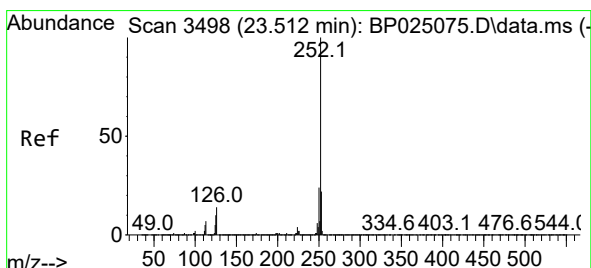
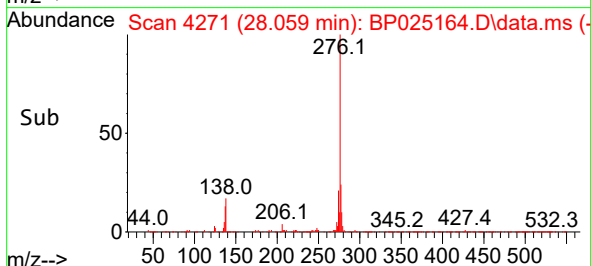
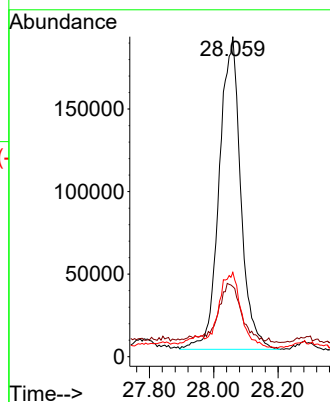
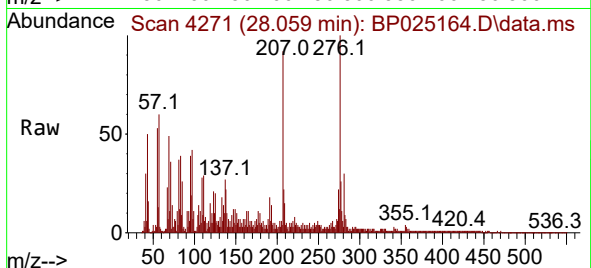
Tgt Ion:276 Resp: 876482

Ion Ratio Lower Upper

276 100

138 19.2 13.0 19.6

277 24.0 15.9 23.9#



#88

Benzo(b)fluoranthene

Concen: 9.246 ng

RT: 23.518 min Scan# 3499

Delta R.T. 0.006 min

Lab File: BP025164.D

Acq: 16 Jul 2025 18:59

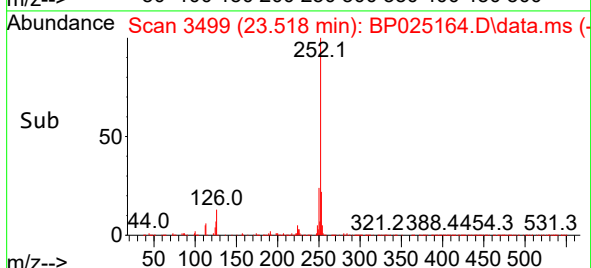
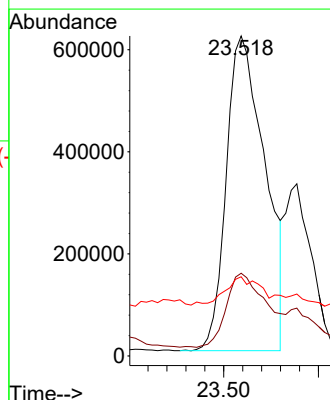
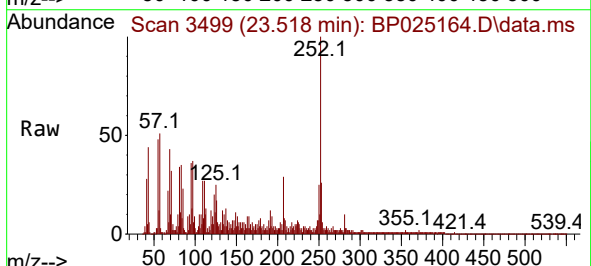
Tgt Ion:252 Resp: 1753378

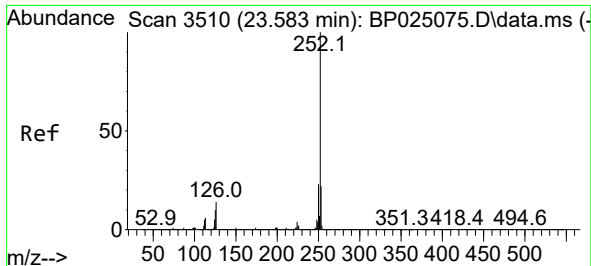
Ion Ratio Lower Upper

252 100

253 25.9 17.7 26.5

125 24.7 8.1 12.1#

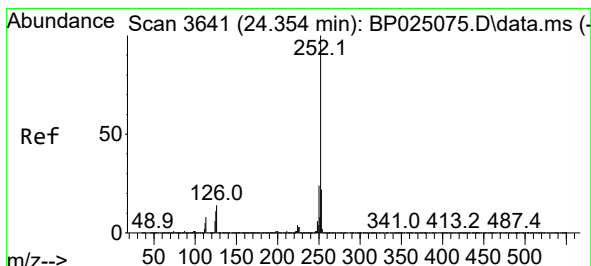
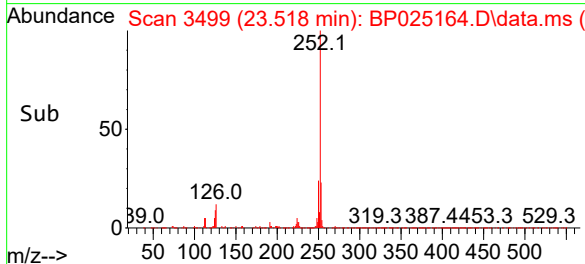
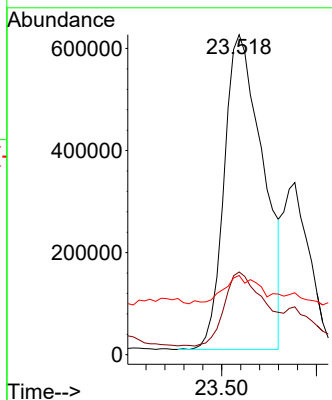
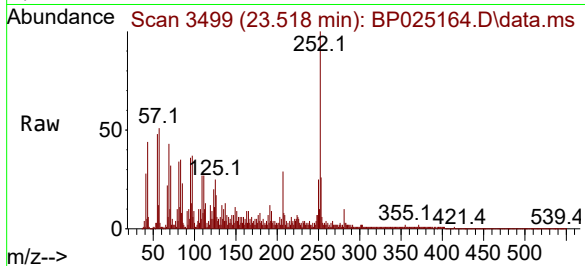




#89
Benzo(k)fluoranthene
Concen: 9.292 ng
RT: 23.518 min Scan# 3499
Delta R.T. -0.065 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

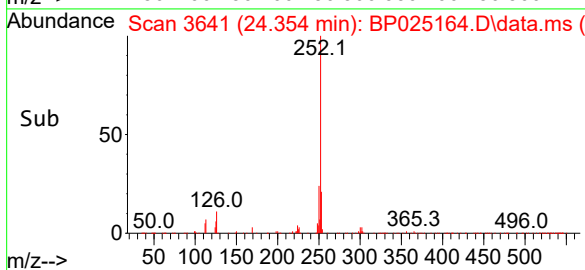
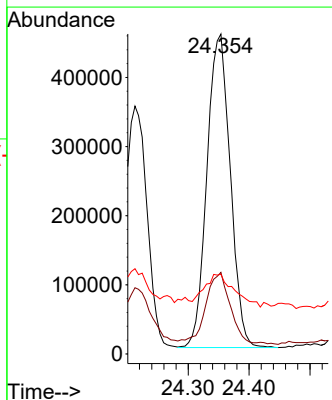
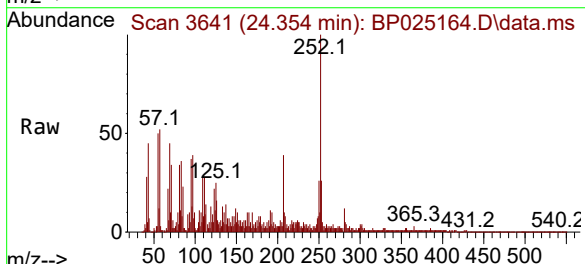
Instrument :
BNA_P
ClientSampleId :
END-OF-TRENCH

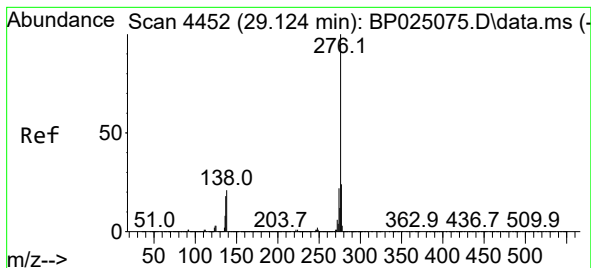
Tgt Ion:252 Resp: 1753378
Ion Ratio Lower Upper
252 100
253 25.9 17.7 26.5
125 24.7 8.2 12.2#



#90
Benzo(a)pyrene
Concen: 7.487 ng
RT: 24.354 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BP025164.D
Acq: 16 Jul 2025 18:59

Tgt Ion:252 Resp: 1208350
Ion Ratio Lower Upper
252 100
253 25.5 17.6 26.4
125 24.9 9.0 13.4#





#92

Benzo(g,h,i)perylene

Concen: 4.561 ng

RT: 29.130 min Scan# 44

Delta R.T. 0.006 min

Lab File: BP025164.D

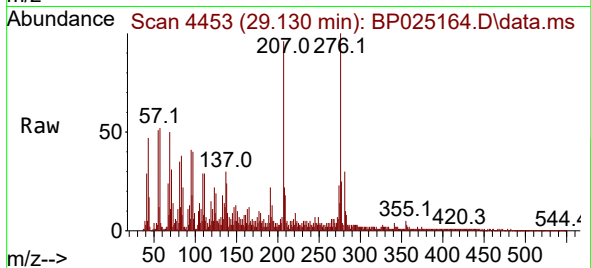
Acq: 16 Jul 2025 18:59

Instrument :

BNA_P

ClientSampleId :

END-OF-TRENCH



Tgt Ion:276 Resp: 808384

Ion Ratio Lower Upper

276 100

277 25.5 19.3 28.9

138 24.3 16.9 25.3

