

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025161.D
 Acq On : 16 Jul 2025 16:54
 Operator : CG/JU
 Sample : Q2600-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 STOCK-PILE

Quant Time: Jul 16 17:23:07 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)

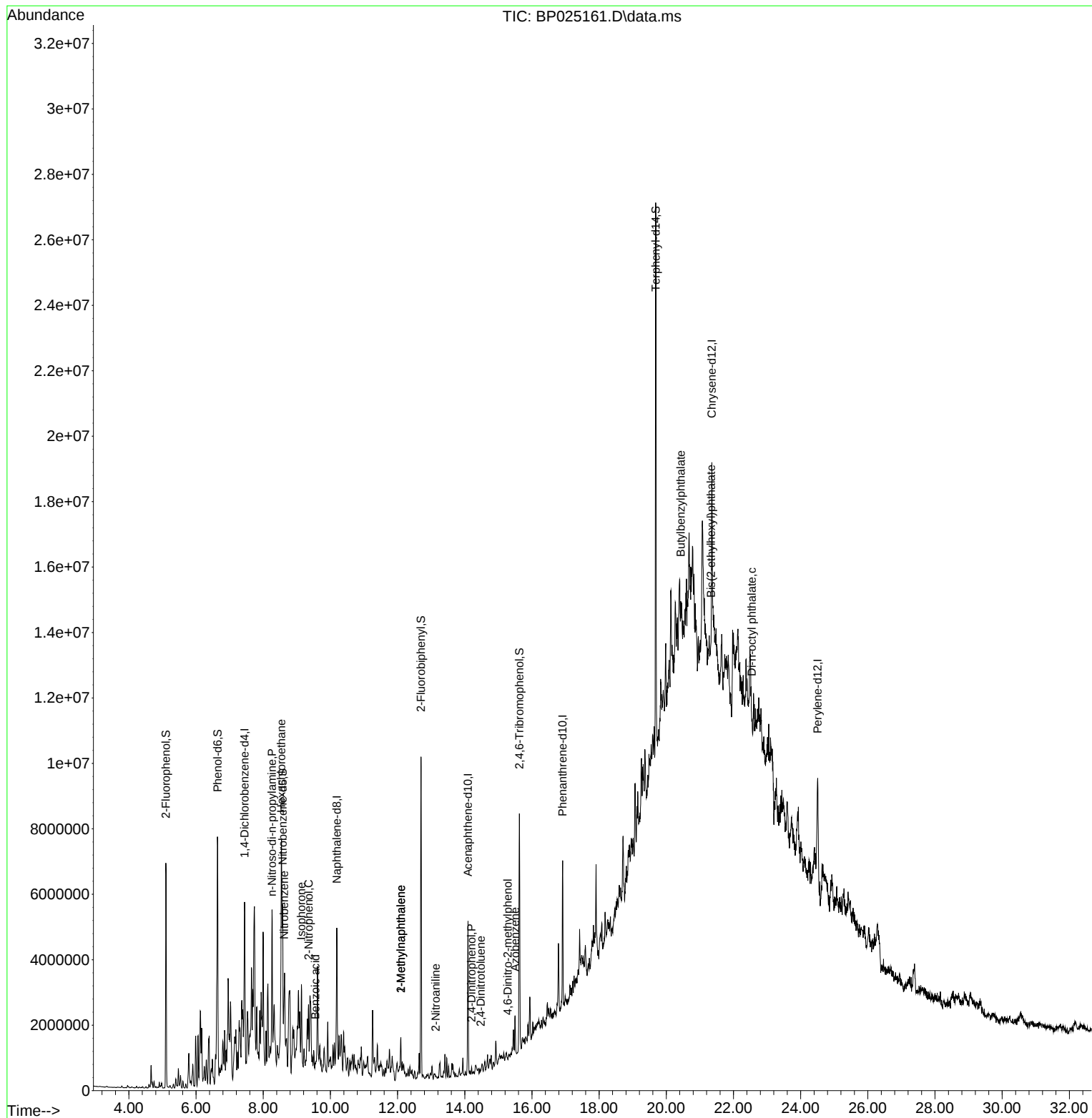
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	625573	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2410869	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1564527	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2691372	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2686433	20.000	ng	0.01
86) Perylene-d12	24.507	264	3313782	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3131128	88.685	ng	0.00
7) Phenol-d6	6.637	99	3778261	82.004	ng	0.00
23) Nitrobenzene-d5	8.578	82	2240115	61.795	ng	0.01
42) 2,4,6-Tribromophenol	15.625	330	1894967	102.529	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	5744553	56.882	ng	0.00
79) Terphenyl-d14	19.683	244	7601884	62.192	ng	0.01
Target Compounds						
						Qvalue
18) Hexachloroethane	8.537	117	491783	33.726	ng	# 1
19) n-Nitroso-di-n-propyla...	8.255	70	54660	2.000	ng	# 59
24) Nitrobenzene	8.625	77	82978	2.247	ng	# 55
25) Isophorone	9.137	82	216413	3.194	ng	# 1
26) 2-Nitrophenol	9.349	139	15329	4.098	ng	# 1
32) Benzoic acid	9.554	122	3152	6.312	ng	# 1
37) 2-Methylnaphthalene	12.095	142	465335	5.313	ng	95
38) 1-Methylnaphthalene	12.095	142	466664	5.463	ng	# 99
48) 2-Nitroaniline	13.137	65	615	2.792	ng	# 45
54) 2,4-Dinitrophenol	14.201	184	205	5.403	ng	# 1
57) 2,4-Dinitrotoluene	14.472	165	3235	2.734	ng	# 59
63) Azobenzene	15.495	77	305595	3.120	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.278	198	583	5.621	ng	# 1
80) Butylbenzylphthalate	20.430	149	148956	5.827	ng	# 74
84) Bis(2-ethylhexyl)phtha...	21.330	149	235242	2.694	ng	# 79
85) Di-n-octyl phthalate	22.548	149	3564	6.118	ng	# 46

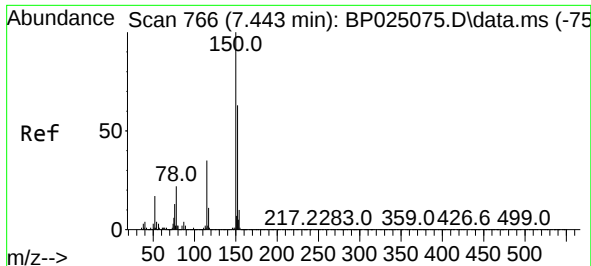
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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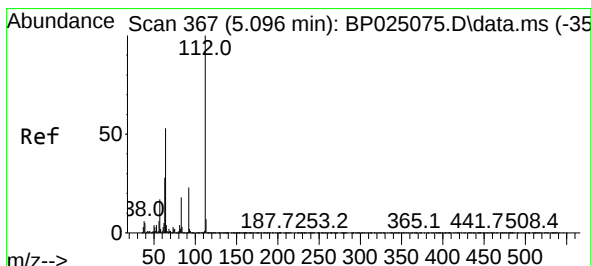
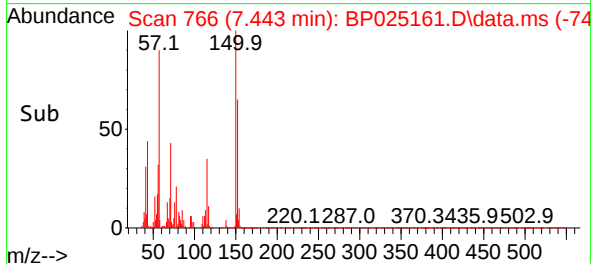
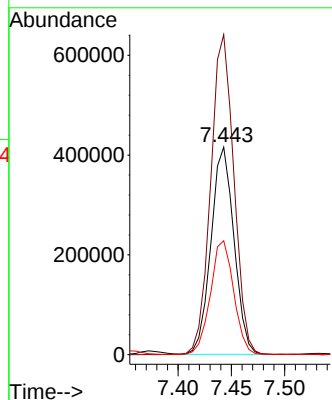
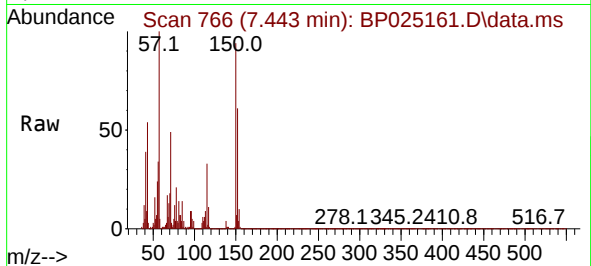




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

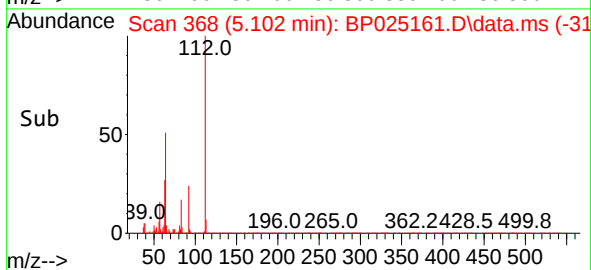
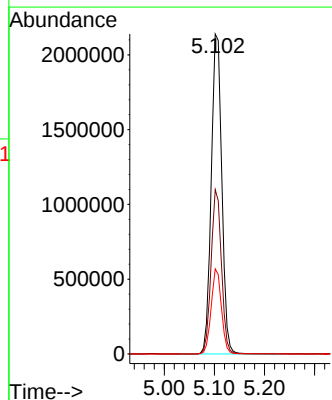
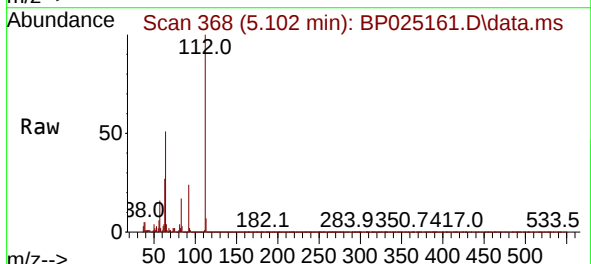
Instrument :
BNA_P
ClientSampleId :
STOCK-PILE

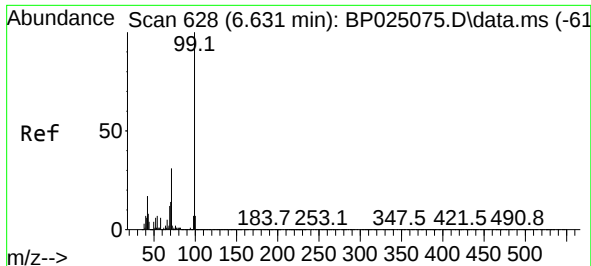
Tgt Ion:152 Resp: 625573
Ion Ratio Lower Upper
152 100
150 154.2 126.1 189.1
115 54.9 44.3 66.5



#5
2-Fluorophenol
Concen: 88.685 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Tgt Ion:112 Resp: 3131128
Ion Ratio Lower Upper
112 100
64 51.4 42.0 63.0
63 26.6 22.2 33.2

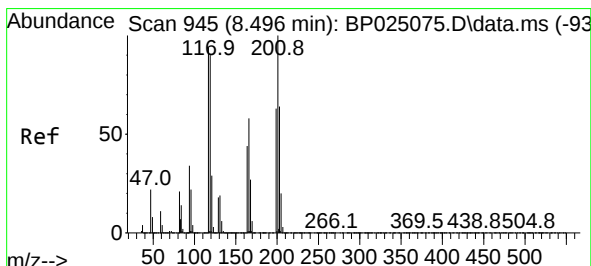
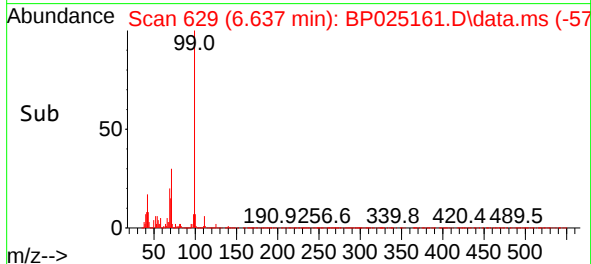
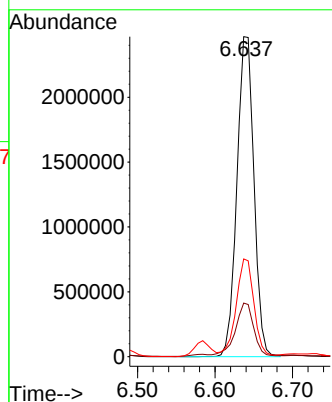
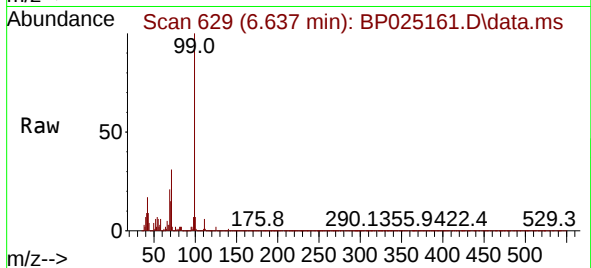




#7
Phenol-d6
Concen: 82.004 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

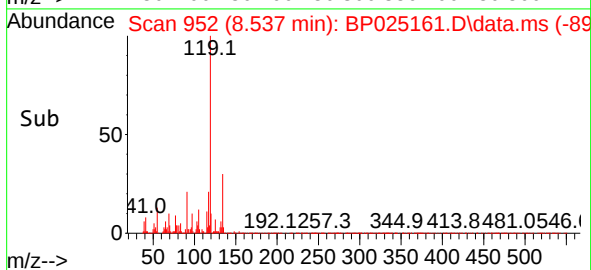
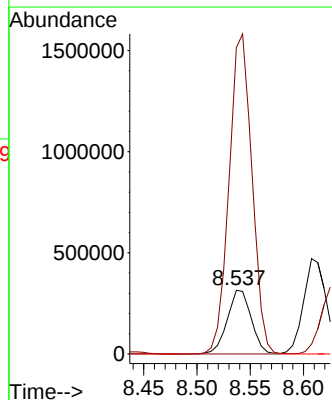
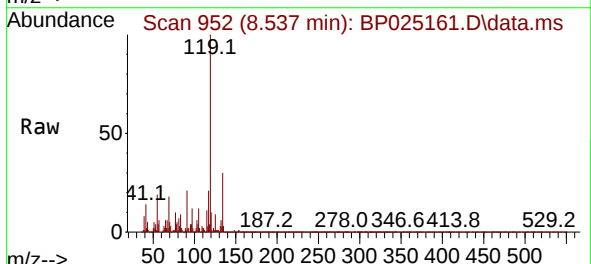
Instrument :
BNA_P
ClientSampleId :
STOCK-PILE

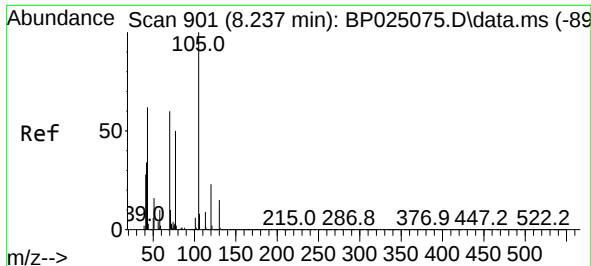
Tgt Ion: 99 Resp: 3778261
Ion Ratio Lower Upper
99 100
42 16.8 13.6 20.4
71 30.5 24.4 36.6



#18
Hexachloroethane
Concen: 33.726 ng
RT: 8.537 min Scan# 952
Delta R.T. 0.041 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Tgt Ion: 117 Resp: 491783
Ion Ratio Lower Upper
117 100
119 481.4 76.6 115.0#
201 0.0 85.4 128.2#

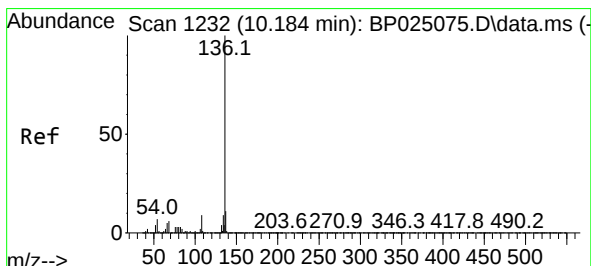
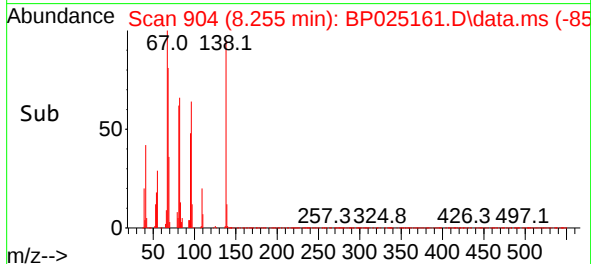
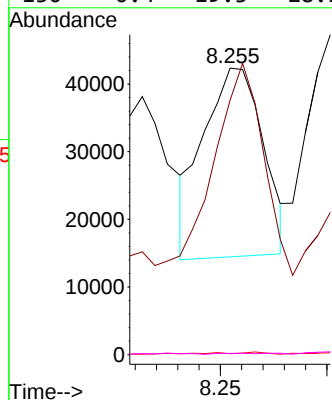
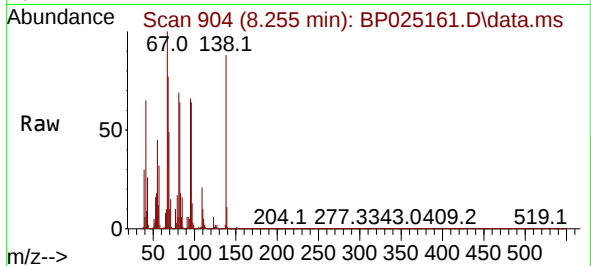




#19
n-Nitroso-di-n-propylamine
Concen: 2.000 ng
RT: 8.255 min Scan# 901
Delta R.T. 0.018 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

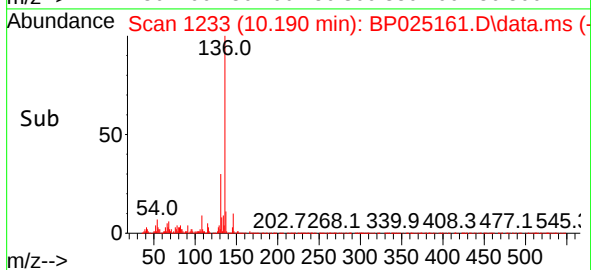
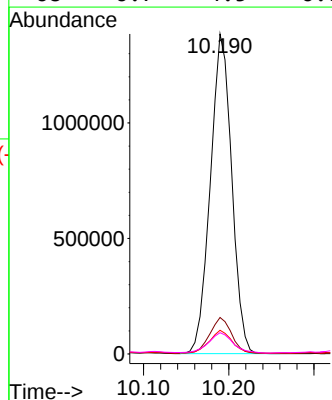
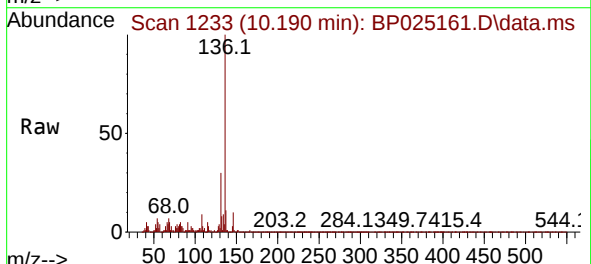
Instrument :
BNA_P
ClientSampleId :
STOCK-PILE

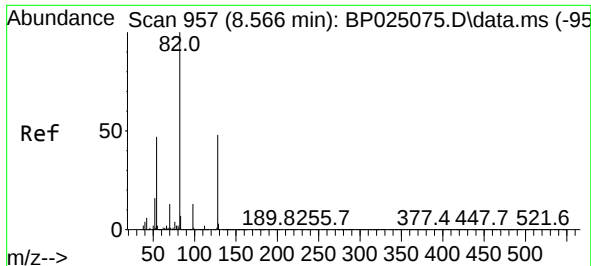
Tgt Ion: 70	Resp: 54660
Ion Ratio	Lower Upper
70	100
42	88.9 46.5 69.7#
101	0.4 7.9 11.9#
130	0.4 19.3 28.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Tgt Ion: 136	Resp: 2410869
Ion Ratio	Lower Upper
136	100
137	11.4 8.7 13.1
54	7.4 5.4 8.2
68	6.7 4.5 6.7

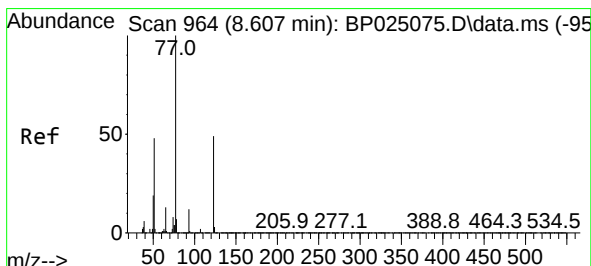
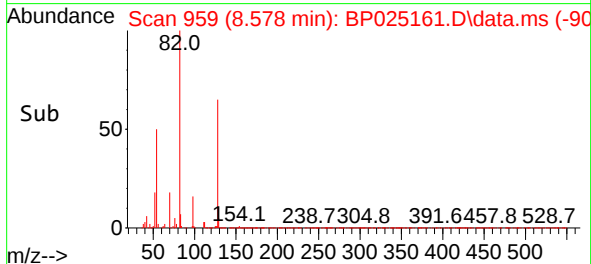
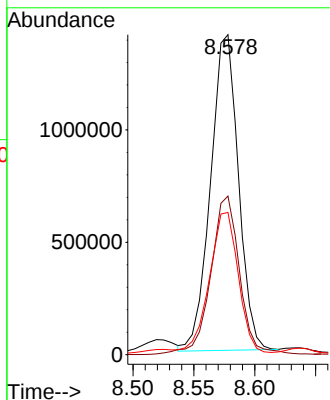
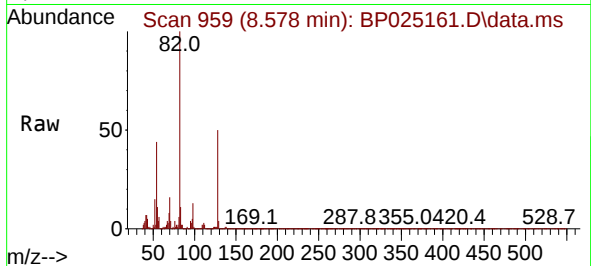




#23
Nitrobenzene-d5
Concen: 61.795 ng
RT: 8.578 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

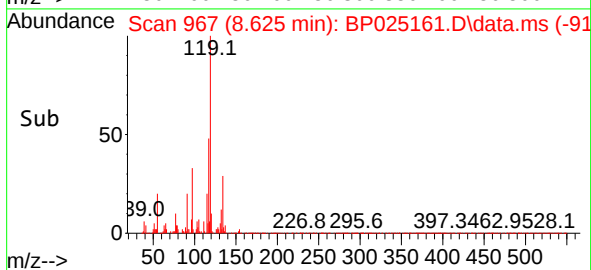
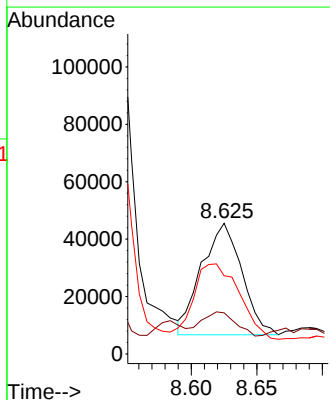
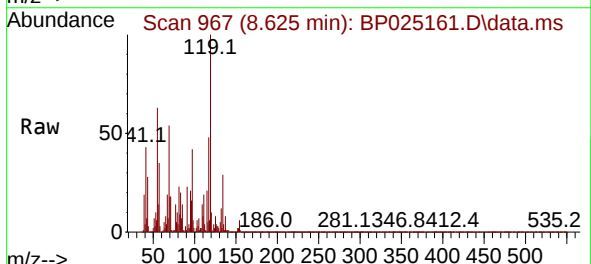
Instrument :
BNA_P
ClientSampleId :
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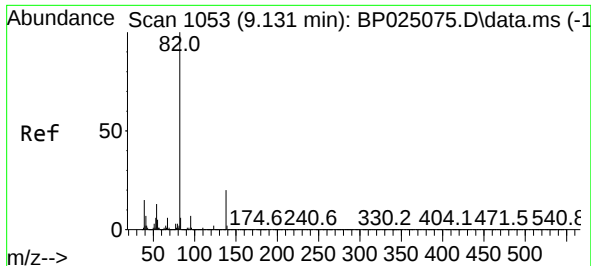
Tgt Ion: 82 Resp: 2240115
Ion Ratio Lower Upper
82 100
128 49.6 38.4 57.6
54 44.4 37.8 56.6



#24
Nitrobenzene
Concen: 2.247 ng
RT: 8.625 min Scan# 967
Delta R.T. 0.018 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Tgt Ion: 77 Resp: 82978
Ion Ratio Lower Upper
77 100
123 31.5 39.0 58.6#
65 59.8 10.7 16.1#

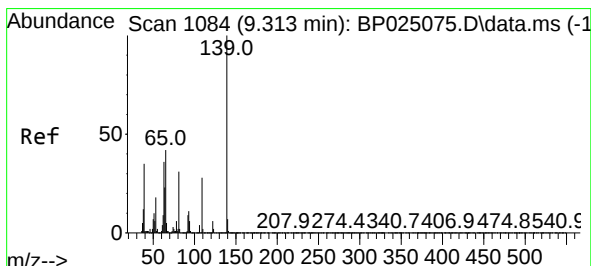
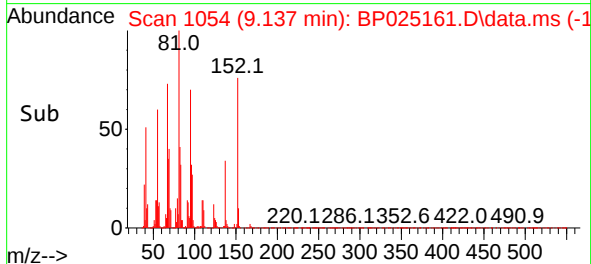
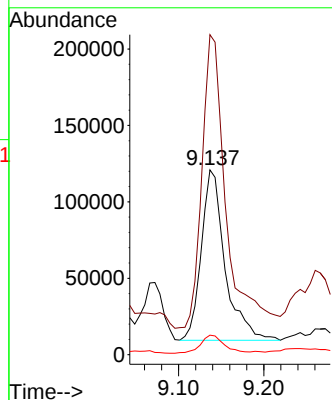
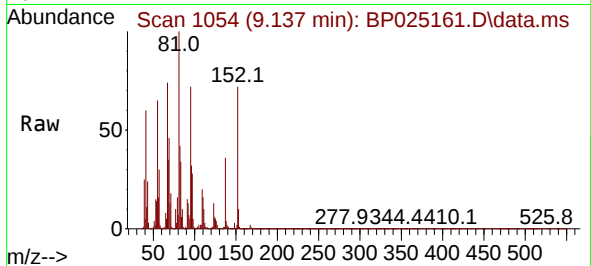




#25
Isophorone
Concen: 3.194 ng
RT: 9.137 min Scan# 1090
Delta R.T. 0.006 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

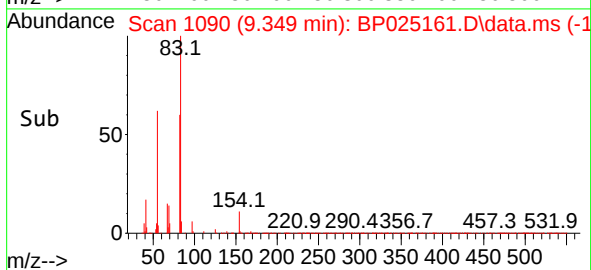
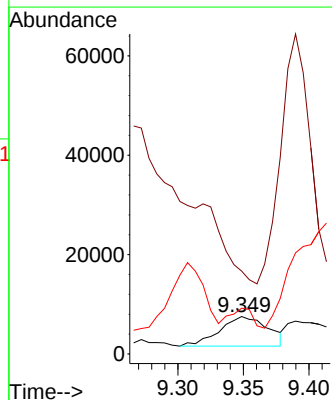
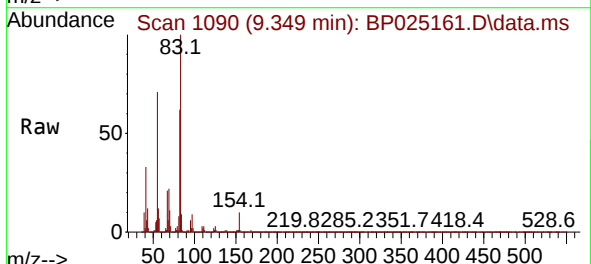
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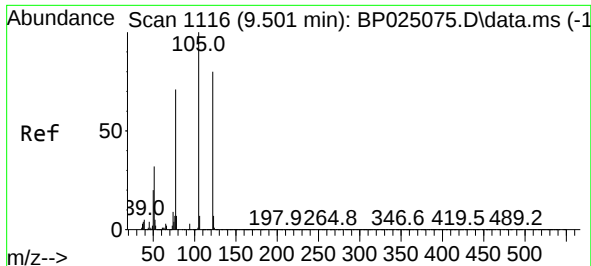
Tgt Ion: 82 Resp: 216413
Ion Ratio Lower Upper
82 100
95 173.2 5.8 8.6#
138 10.5 15.7 23.5#



#26
2-Nitrophenol
Concen: 4.098 ng
RT: 9.349 min Scan# 1090
Delta R.T. 0.036 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Tgt Ion: 139 Resp: 15329
Ion Ratio Lower Upper
139 100
109 220.8 22.3 33.5#
65 121.9 33.8 50.8#

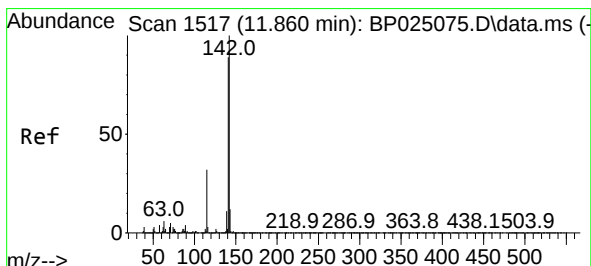
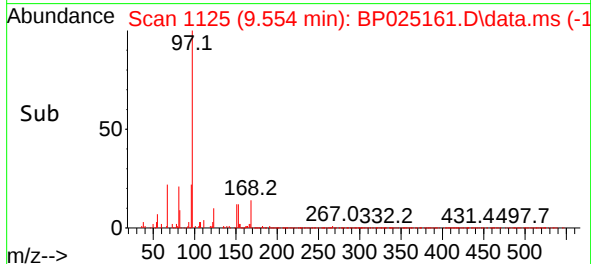
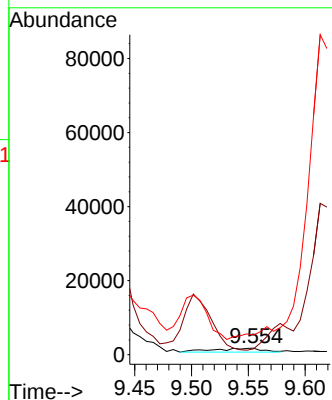
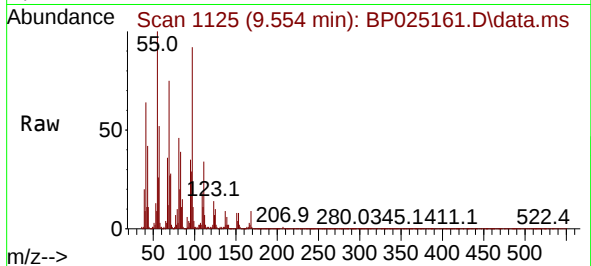




#32
Benzoic acid
Concen: 6.312 ng
RT: 9.554 min Scan# 1116
Delta R.T. 0.053 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

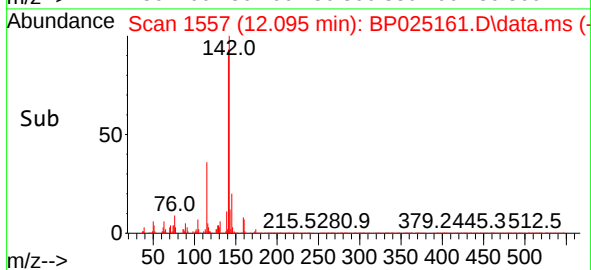
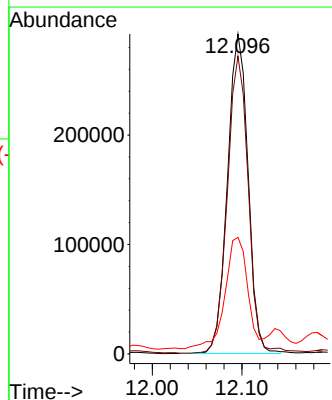
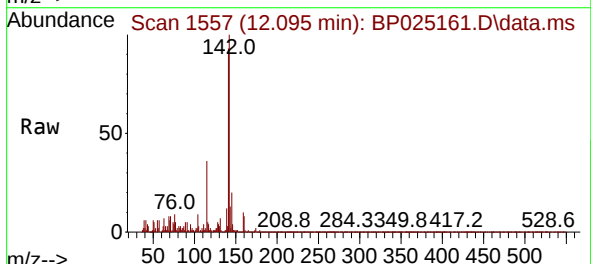
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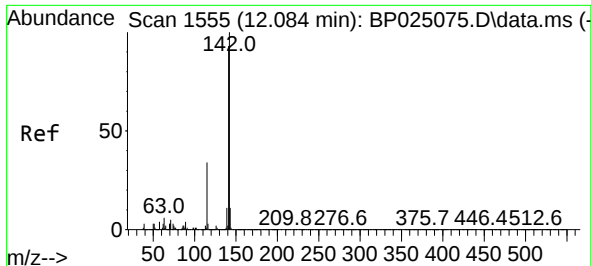
Tgt Ion:122 Resp: 3152
Ion Ratio Lower Upper
122 100
105 88.5 101.0 141.0#
77 300.6 67.6 107.6#



#37
2-Methylnaphthalene
Concen: 5.313 ng
RT: 12.095 min Scan# 1557
Delta R.T. 0.235 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Tgt Ion:142 Resp: 465335
Ion Ratio Lower Upper
142 100
141 93.1 71.2 106.8
115 36.5 25.9 38.9

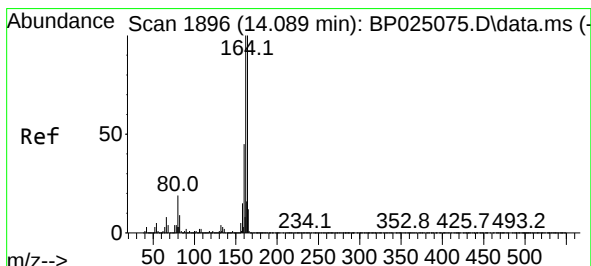
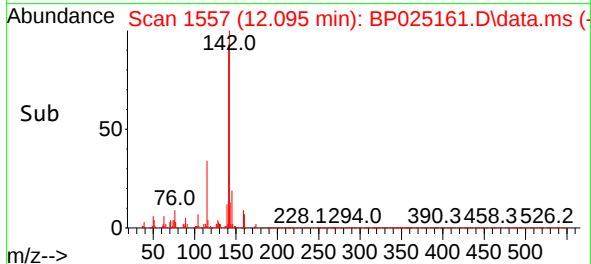
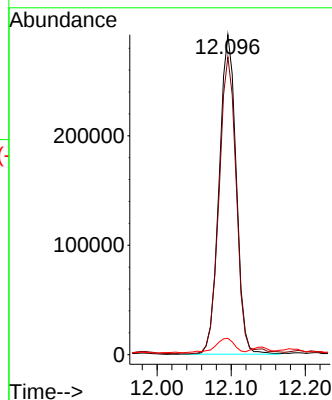
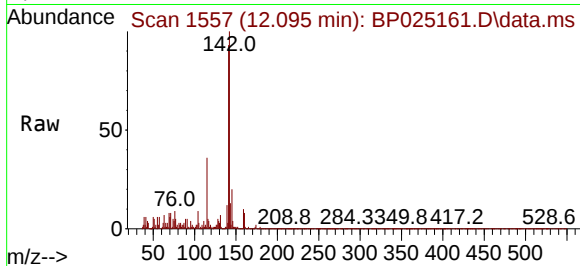




#38
1-Methylnaphthalene
Concen: 5.463 ng
RT: 12.095 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

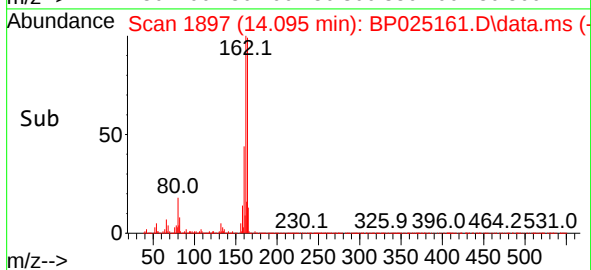
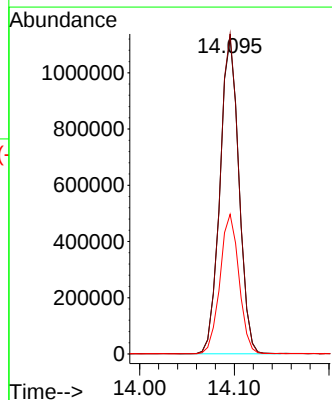
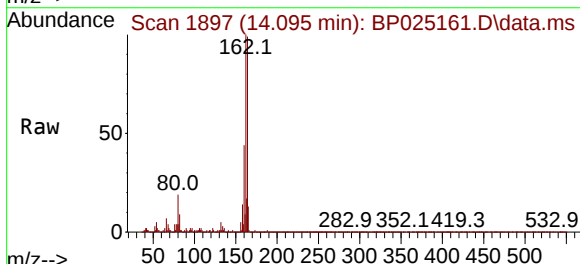
Instrument :
BNA_P
ClientSampleId :
STOCK-PILE

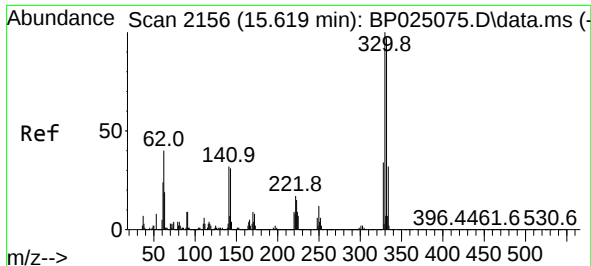
Tgt Ion:142 Resp: 466664
Ion Ratio Lower Upper
142 100
141 93.1 74.1 111.1
116 5.1 2.7 4.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Tgt Ion:164 Resp: 1564527
Ion Ratio Lower Upper
164 100
162 101.4 80.3 120.5
160 44.3 35.9 53.9

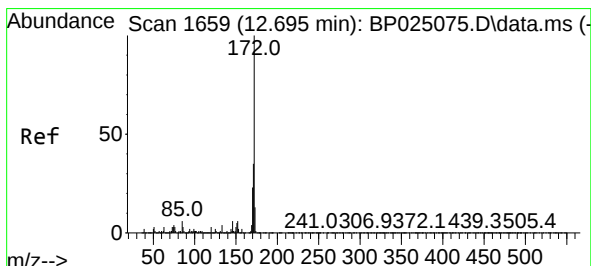
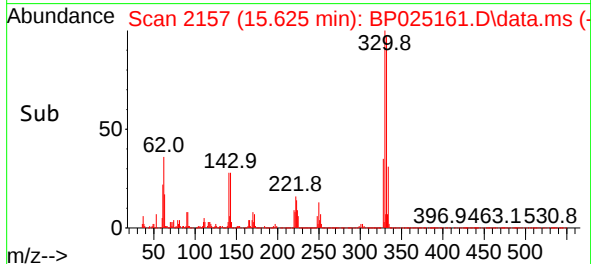
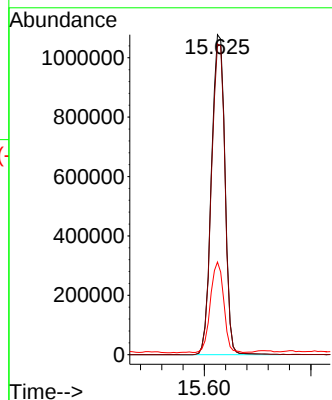
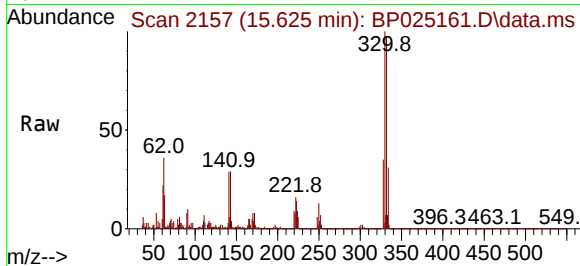




#42
2,4,6-Tribromophenol
Concen: 102.529 ng
RT: 15.625 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

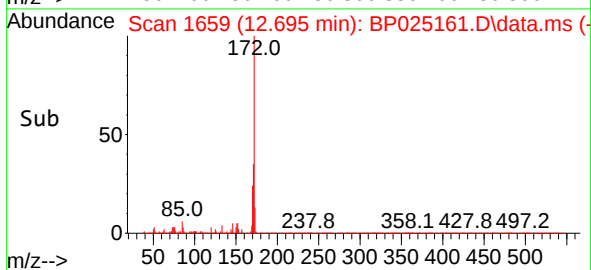
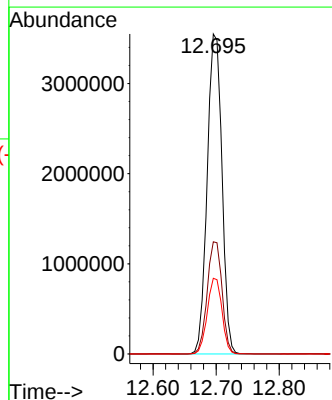
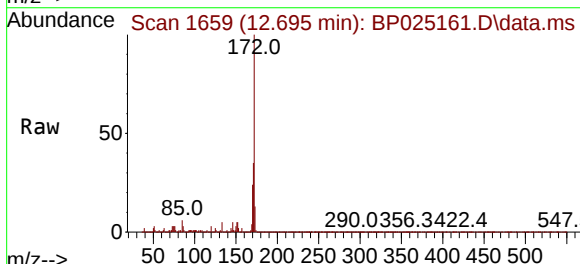
Instrument :
BNA_P
ClientSampleId :
STOCK-PILE

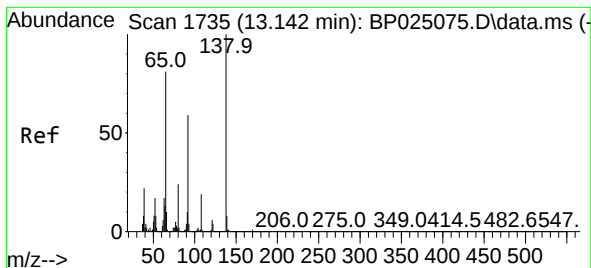
Tgt Ion:330 Resp: 1894967
Ion Ratio Lower Upper
330 100
332 97.3 77.7 116.5
141 27.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 56.882 ng
RT: 12.695 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Tgt Ion:172 Resp: 5744553
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.6 18.7 28.1





#48

2-Nitroaniline

Concen: 2.792 ng

RT: 13.137 min Scan# 1735

Delta R.T. -0.005 min

Lab File: BP025161.D

Acq: 16 Jul 2025 16:54

Instrument :

BNA_P

ClientSampleId :

STOCK-PILE

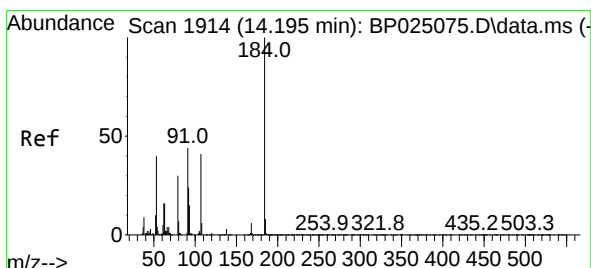
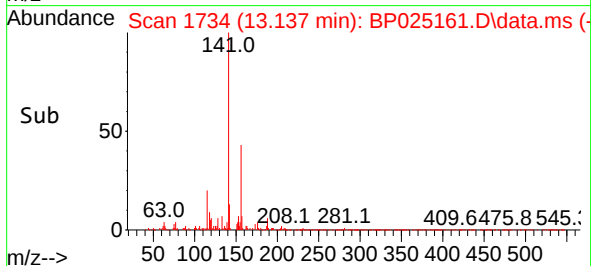
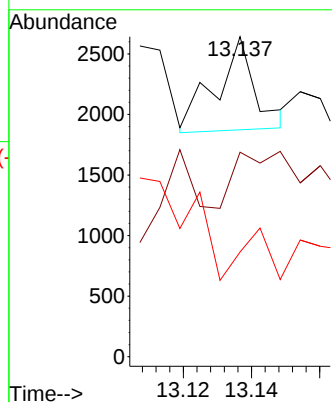
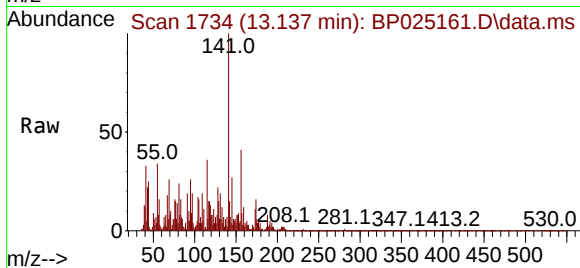
Tgt Ion: 65 Resp: 615

Ion Ratio Lower Upper

65 100

92 63.9 58.7 88.1

138 32.7 99.0 148.4#



#54

2,4-Dinitrophenol

Concen: 5.403 ng

RT: 14.201 min Scan# 1915

Delta R.T. 0.006 min

Lab File: BP025161.D

Acq: 16 Jul 2025 16:54

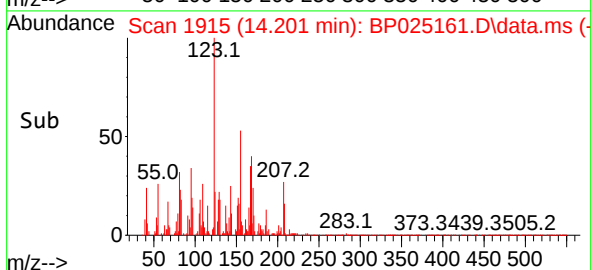
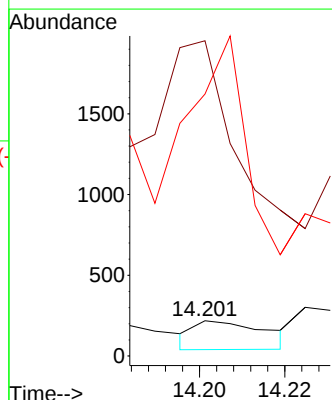
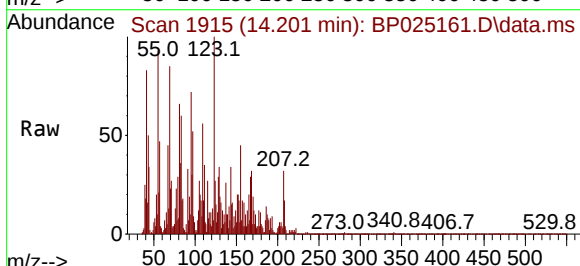
Tgt Ion: 184 Resp: 205

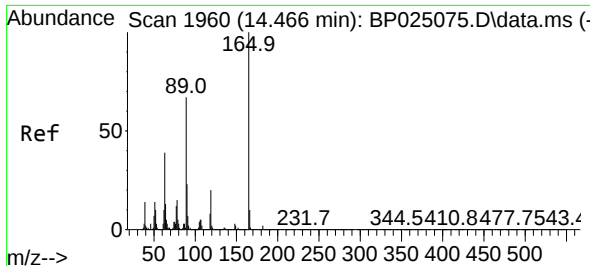
Ion Ratio Lower Upper

184 100

63 895.4 47.4 71.0#

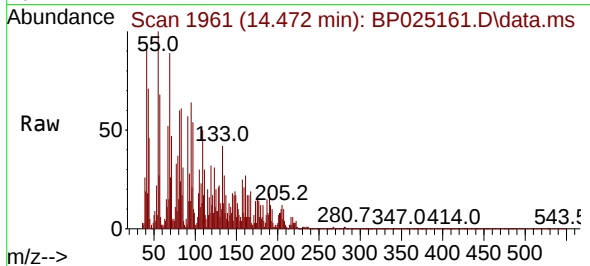
154 744.0 47.8 71.8#



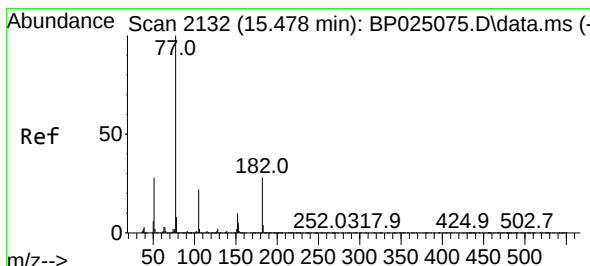
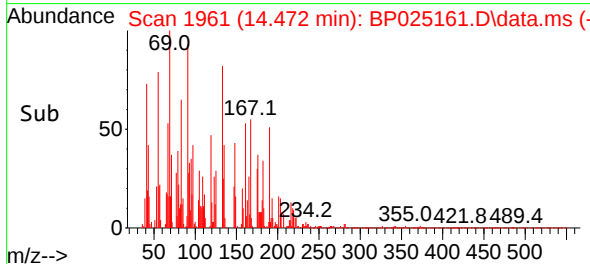
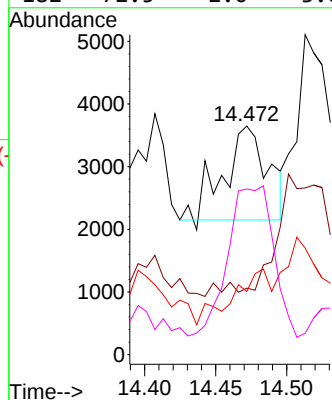


#57
2,4-Dinitrotoluene
Concen: 2.734 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Instrument :
BNA_P
ClientSampleId :
STOCK-PILE

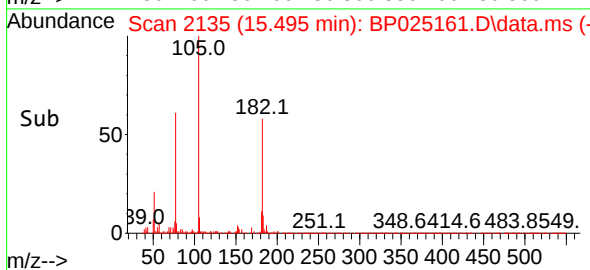
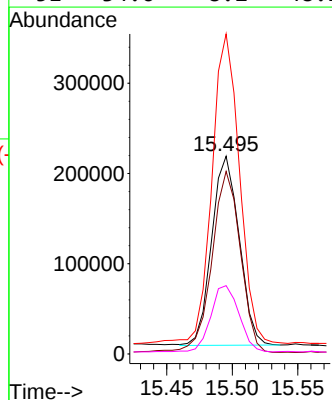
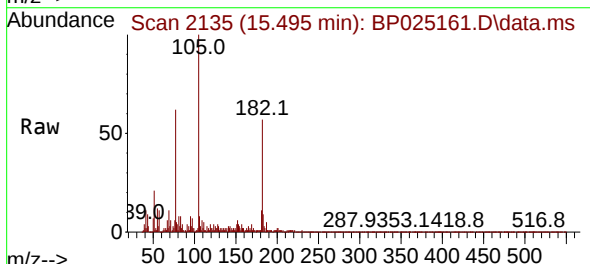


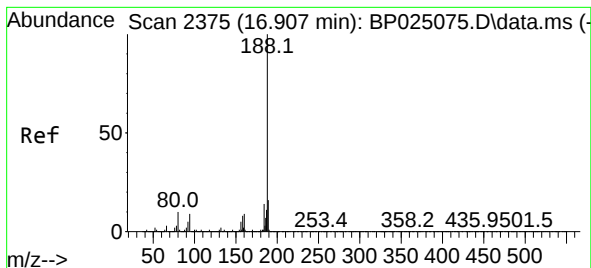
Tgt Ion:165 Resp: 3235
Ion Ratio Lower Upper
165 100
63 29.1 31.0 46.4#
89 27.6 53.4 80.0#
182 72.5 2.0 3.0#



#63
Azobenzene
Concen: 3.120 ng
RT: 15.495 min Scan# 2135
Delta R.T. 0.018 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Tgt Ion: 77 Resp: 305595
Ion Ratio Lower Upper
77 100
182 92.3 7.7 47.7#
105 161.8 1.9 41.9#
51 34.6 8.2 48.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.913 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025161.D

Acq: 16 Jul 2025 16:54

Instrument :

BNA_P

ClientSampleId :

STOCK-PILE

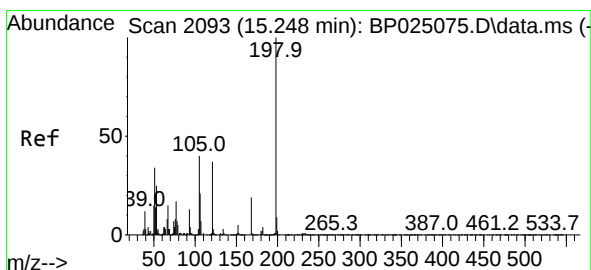
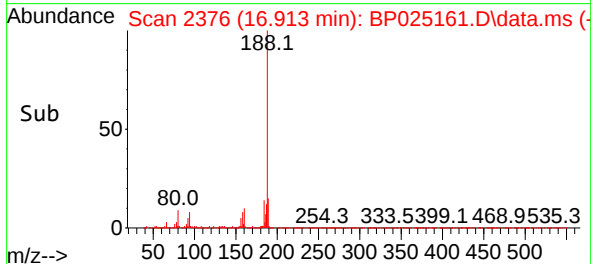
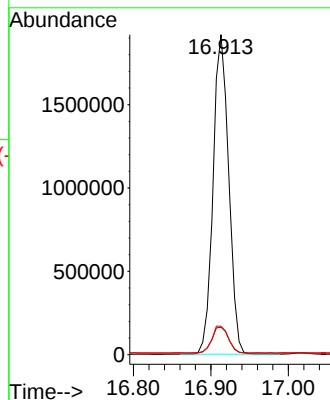
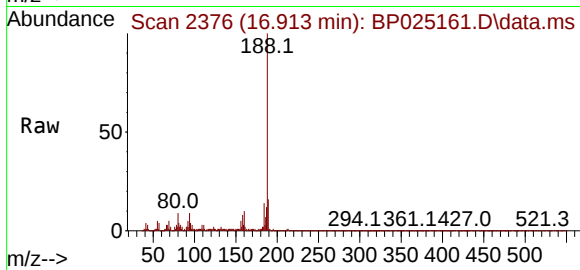
Tgt Ion:188 Resp: 2691372

Ion Ratio Lower Upper

188 100

94 8.6 7.3 10.9

80 8.9 7.8 11.6



#65

4,6-Dinitro-2-methylphenol

Concen: 5.621 ng

RT: 15.278 min Scan# 2098

Delta R.T. 0.030 min

Lab File: BP025161.D

Acq: 16 Jul 2025 16:54

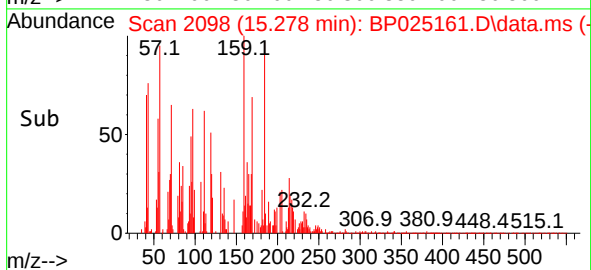
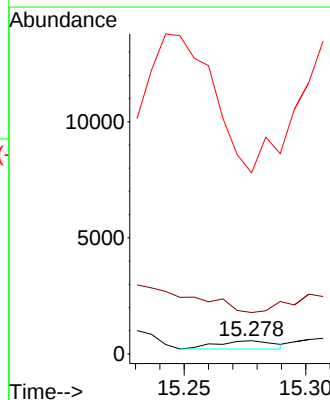
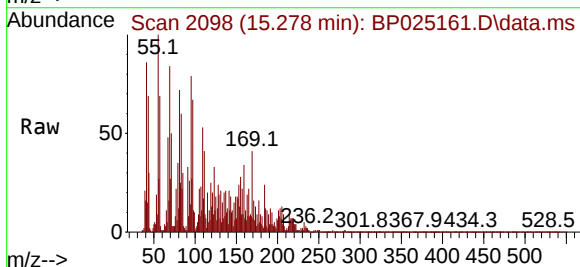
Tgt Ion:198 Resp: 583

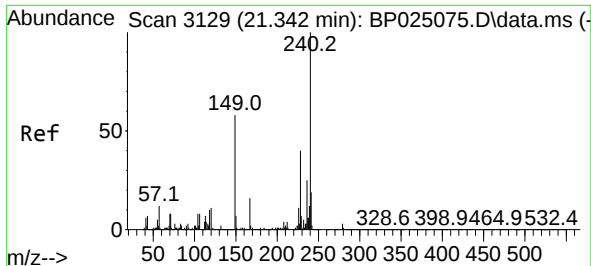
Ion Ratio Lower Upper

198 100

51 310.3 16.8 56.8#

105 1356.3 20.8 60.8#

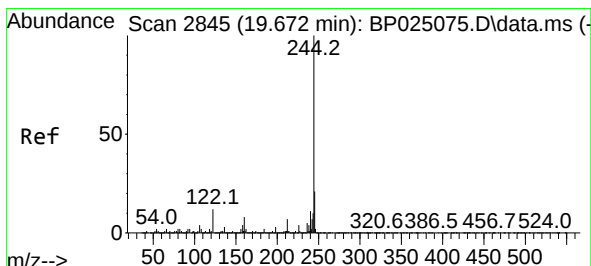
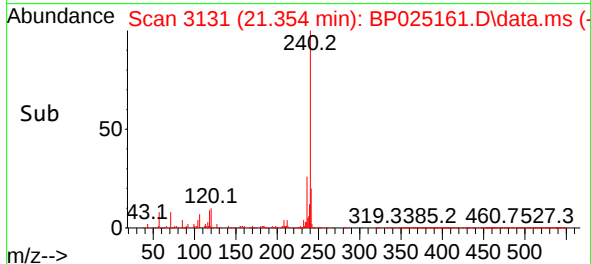
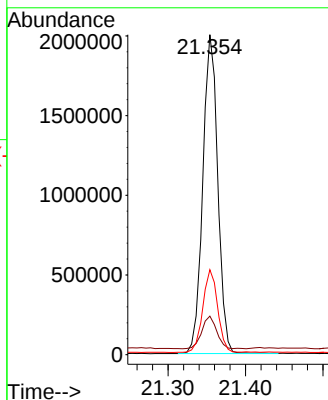
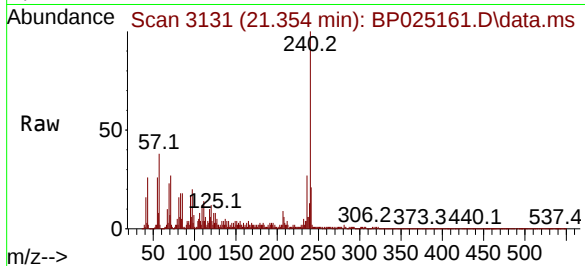




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3129
Delta R.T. 0.012 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

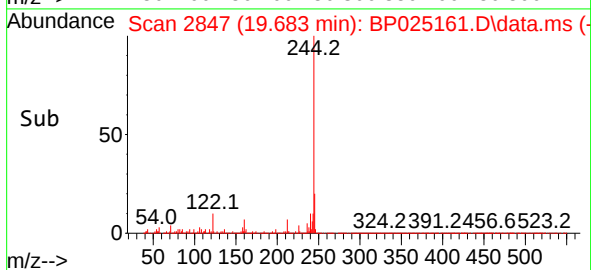
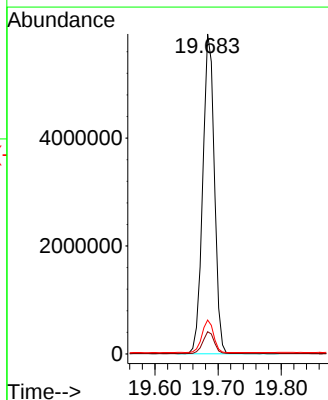
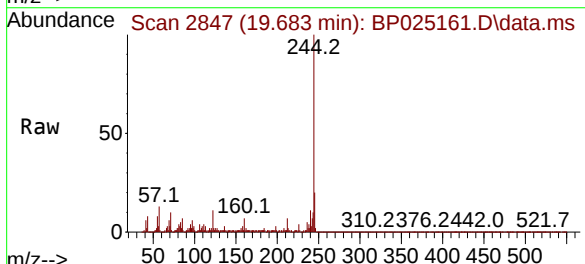
Instrument :
BNA_P
ClientSampleId :
STOCK-PILE

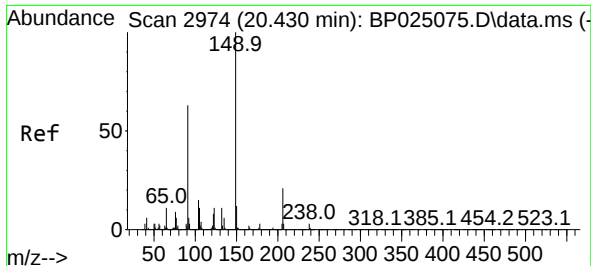
Tgt Ion:240 Resp: 2686433
Ion Ratio Lower Upper
240 100
120 12.1 9.0 13.4
236 26.5 20.3 30.5



#79
Terphenyl-d14
Concen: 62.192 ng
RT: 19.683 min Scan# 2847
Delta R.T. 0.012 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Tgt Ion:244 Resp: 7601884
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.6 9.4 14.2

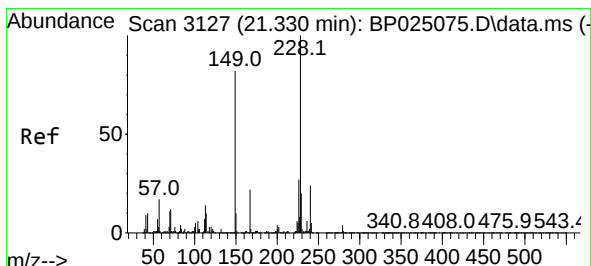
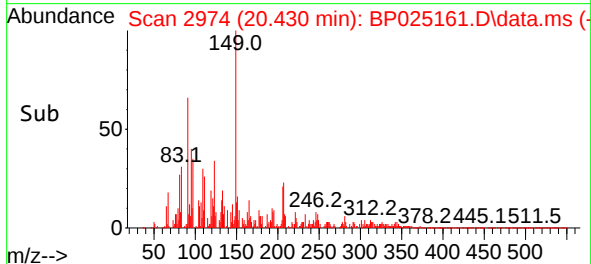
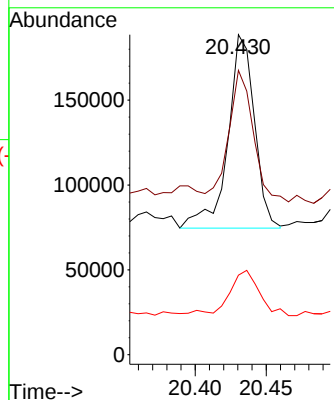
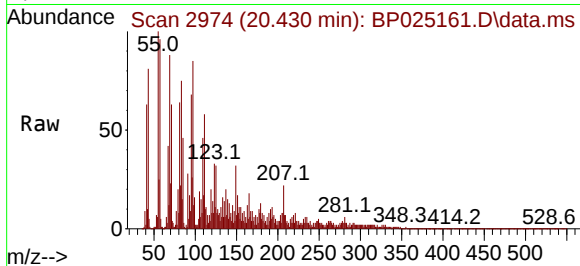




#80
 Butylbenzylphthalate
 Concen: 5.827 ng
 RT: 20.430 min Scan# 2974
 Delta R.T. 0.000 min
 Lab File: BP025161.D
 Acq: 16 Jul 2025 16:54

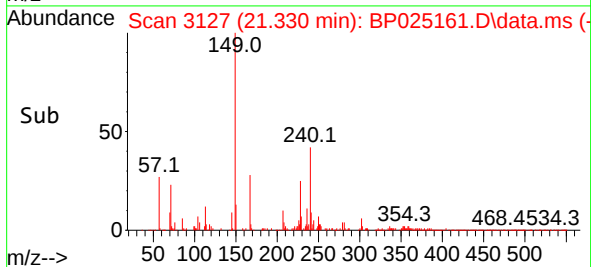
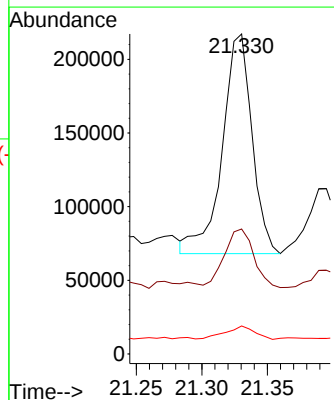
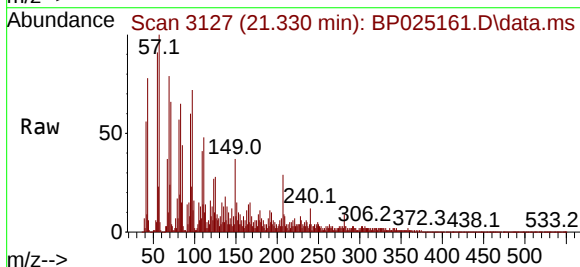
Instrument :
 BNA_P
 ClientSampleId :
 STOCK-PILE

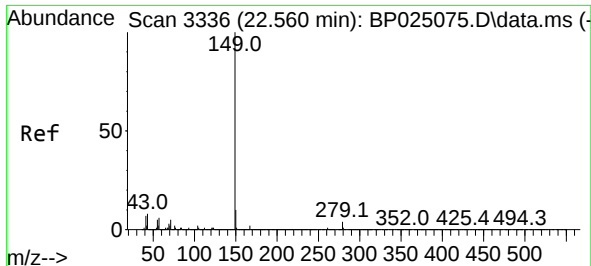
Tgt Ion:149 Resp: 148956
 Ion Ratio Lower Upper
 149 100
 91 88.8 50.6 76.0#
 206 24.9 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.694 ng
 RT: 21.330 min Scan# 3127
 Delta R.T. 0.000 min
 Lab File: BP025161.D
 Acq: 16 Jul 2025 16:54

Tgt Ion:149 Resp: 235242
 Ion Ratio Lower Upper
 149 100
 167 39.1 21.9 32.9#
 279 8.8 3.5 5.3#

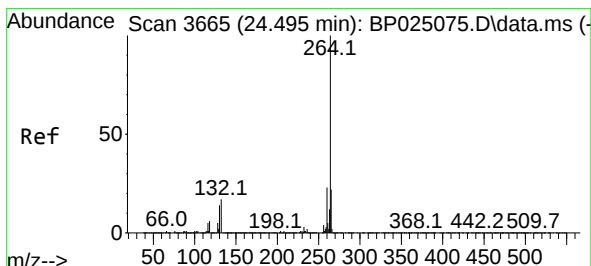
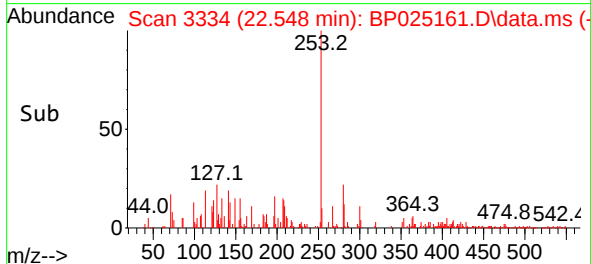
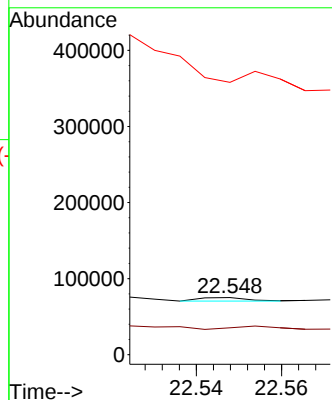
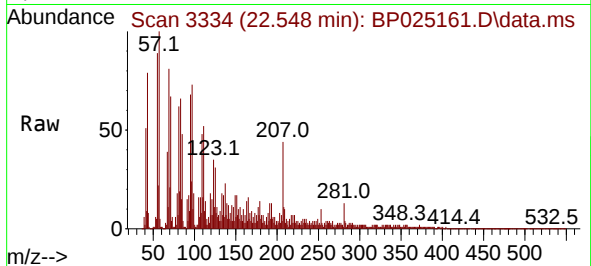




#85
Di-n-octyl phthalate
Concen: 6.118 ng
RT: 22.548 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Instrument :
BNA_P
ClientSampleId :
STOCK-PILE

Tgt Ion:149 Resp: 3564
Ion Ratio Lower Upper
149 100
167 83.1 1.3 1.9#
43 0.0 6.9 10.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.507 min Scan# 3667
Delta R.T. 0.012 min
Lab File: BP025161.D
Acq: 16 Jul 2025 16:54

Tgt Ion:264 Resp: 3313782
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.5 17.7 26.5

