

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025132.D
 Acq On : 14 Jul 2025 23:18
 Operator : CG/JU
 Sample : Q2565-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MOO-25-0194-0195

Quant Time: Jul 15 01:18:21 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)

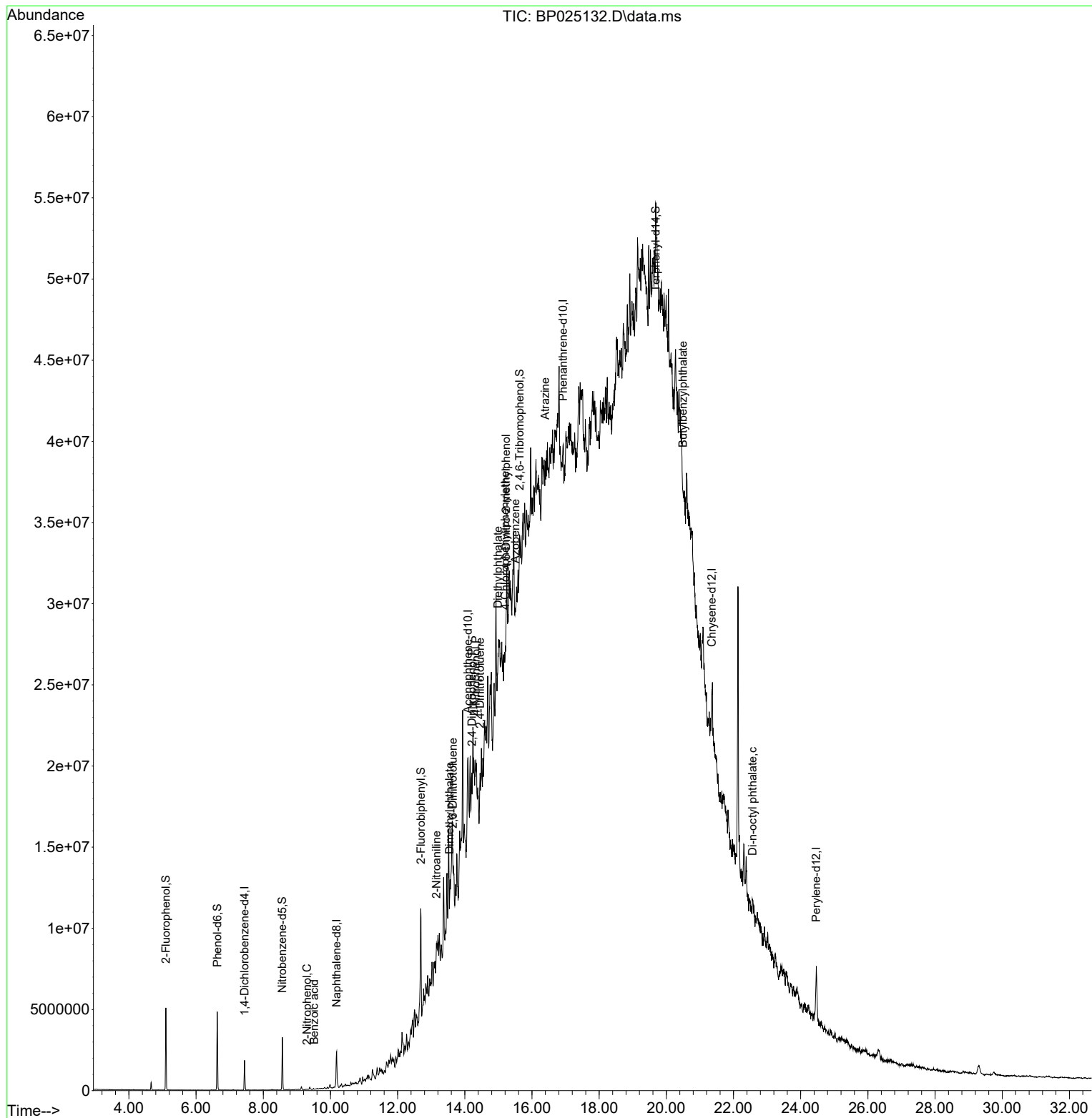
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	507910	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1962563	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1039835	20.000	ng	0.00
64) Phenanthrene-d10	16.925	188	1785383	20.000	ng	# 0.02
76) Chrysene-d12	21.354	240	2359788	20.000	ng	# 0.01
86) Perylene-d12	24.465	264	2841387	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2179487	76.032	ng	0.00
7) Phenol-d6	6.631	99	2752330	73.576	ng	0.00
23) Nitrobenzene-d5	8.566	82	1717916	58.215	ng	0.00
42) 2,4,6-Tribromophenol	15.631	330	1119194	91.110	ng	0.01
45) 2-Fluorobiphenyl	12.689	172	4003869	59.650	ng	0.00
79) Terphenyl-d14	19.683	244	5009704	46.658	ng	0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.301	139	121	3.309	ng	# 1
32) Benzoic acid	9.513	122	252	6.214	ng	# 1
48) 2-Nitroaniline	13.154	65	27784	4.644	ng	# 57
50) Dimethylphthalate	13.548	163	195158	2.681	ng	# 28
51) 2,6-Dinitrotoluene	13.648	165	349676	24.632	ng	# 34
54) 2,4-Dinitrophenol	14.213	184	6360	6.240	ng	# 1
56) 4-Nitrophenol	14.325	139	34035	2.424	ng	# 1
57) 2,4-Dinitrotoluene	14.454	165	81896	6.352	ng	# 42
60) Diethylphthalate	14.989	149	183052	2.504	ng	# 28
61) 4-Chlorophenyl-phenyle...	15.201	204	85078	2.401	ng	# 1
63) Azobenzene	15.501	77	182669	2.806	ng	# 36
65) 4,6-Dinitro-2-methylph...	15.231	198	25075	8.306	ng	# 1
69) Atrazine	16.395	200	156328	10.441	ng	# 4
80) Butylbenzylphthalate	20.495	149	35389	4.262	ng	# 70
85) Di-n-octyl phthalate	22.571	149	82792	6.613	ng	# 78

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

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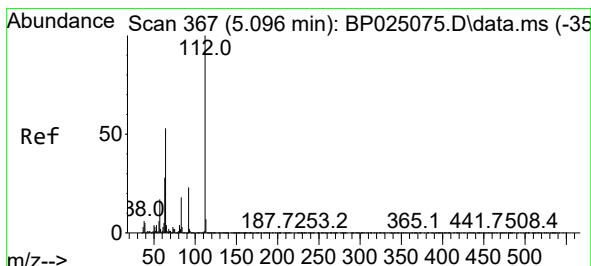
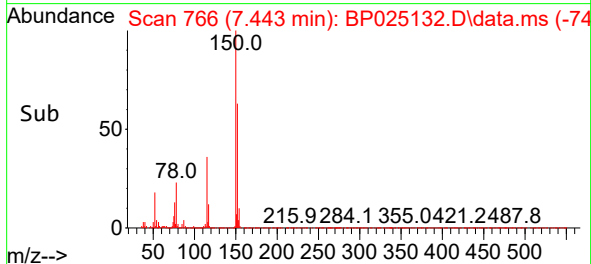
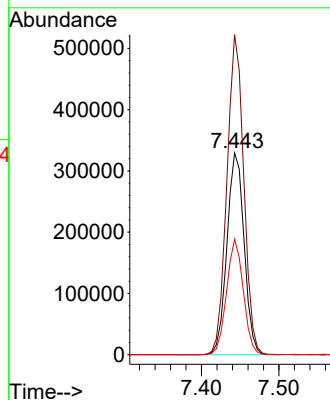
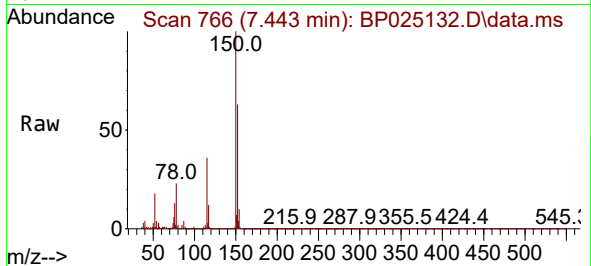




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

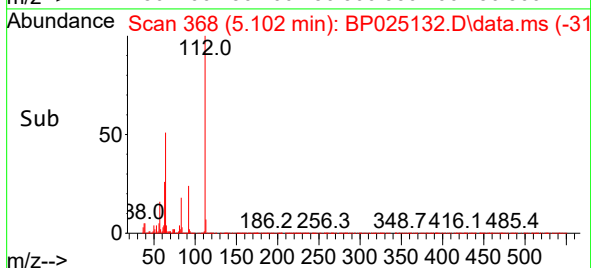
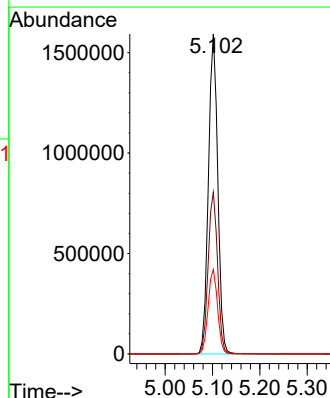
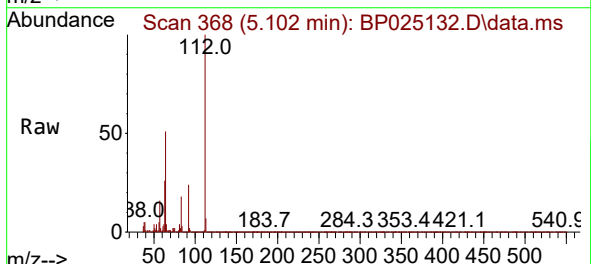
Instrument :
BNA_P
ClientSampleId :
MOO-25-0194-0195

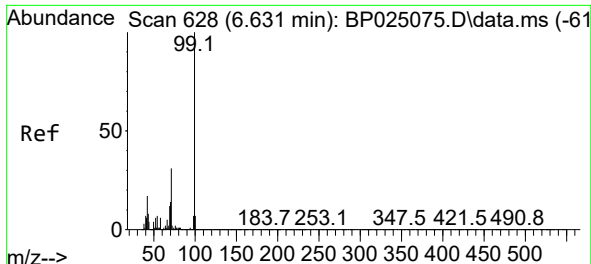
Tgt Ion:152 Resp: 507910
Ion Ratio Lower Upper
152 100
150 158.6 126.1 189.1
115 57.2 44.3 66.5



#5
2-Fluorophenol
Concen: 76.032 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

Tgt Ion:112 Resp: 2179487
Ion Ratio Lower Upper
112 100
64 50.5 42.0 63.0
63 26.4 22.2 33.2

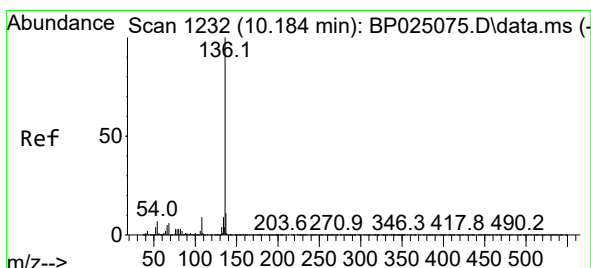
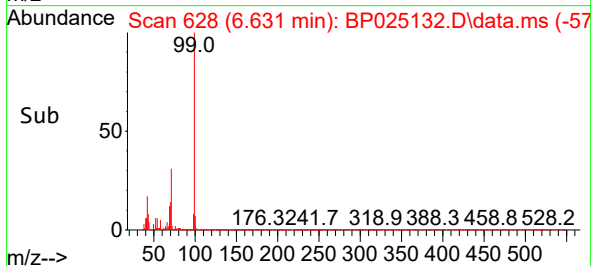
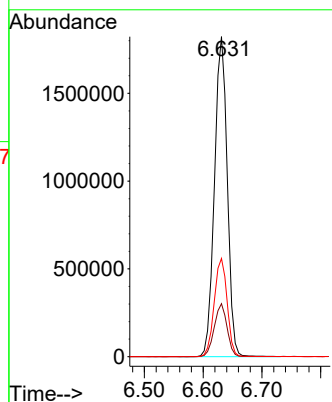
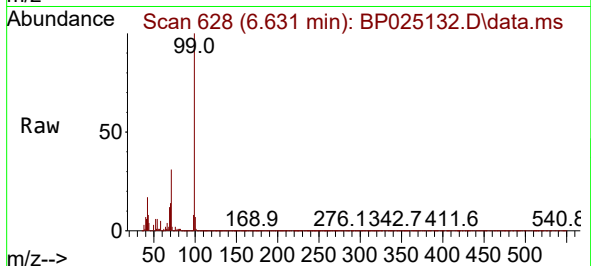




#7
Phenol-d6
Concen: 73.576 ng
RT: 6.631 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

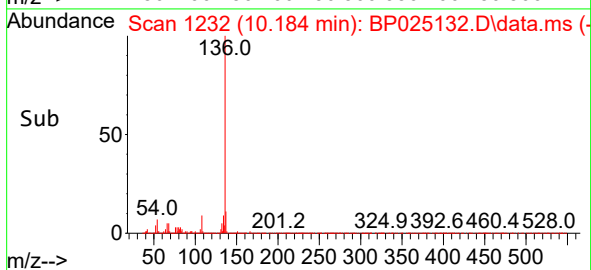
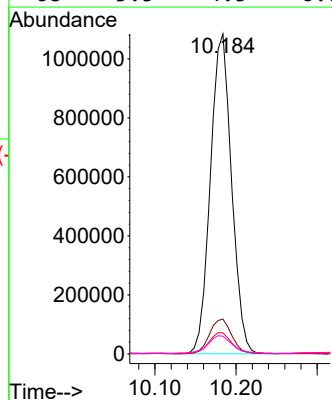
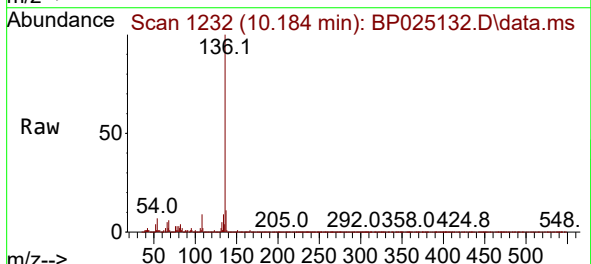
Instrument :
BNA_P
ClientSampleId :
MOO-25-0194-0195

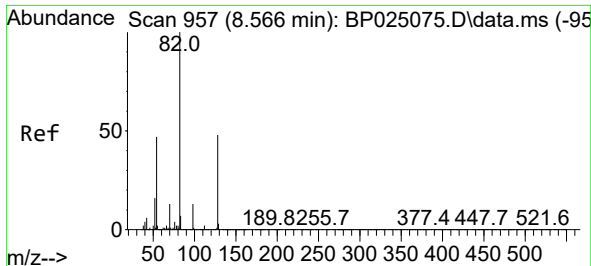
Tgt Ion: 99 Resp: 2752330
Ion Ratio Lower Upper
99 100
42 16.6 13.6 20.4
71 30.7 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

Tgt Ion:136 Resp: 1962563
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.6 5.4 8.2
68 5.5 4.5 6.7

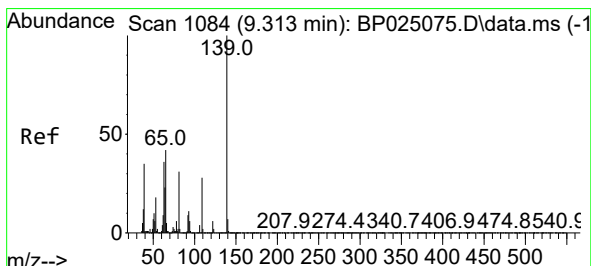
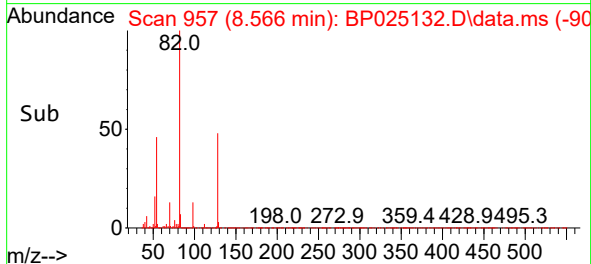
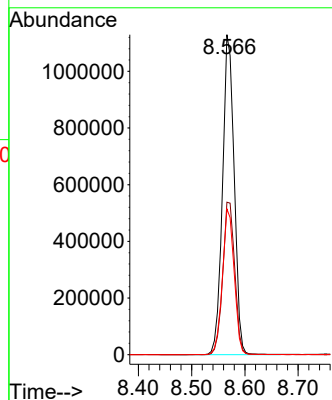
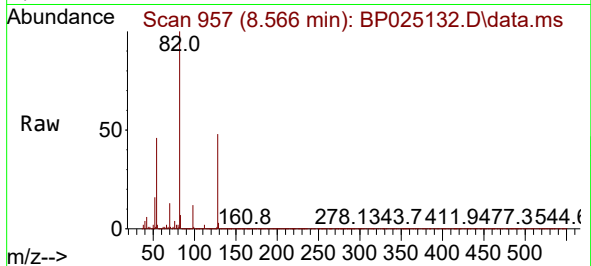




#23
Nitrobenzene-d5
Concen: 58.215 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

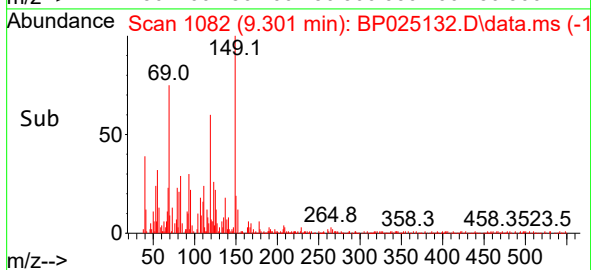
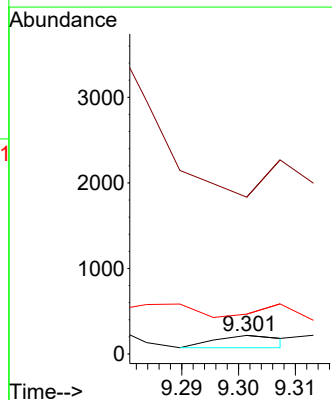
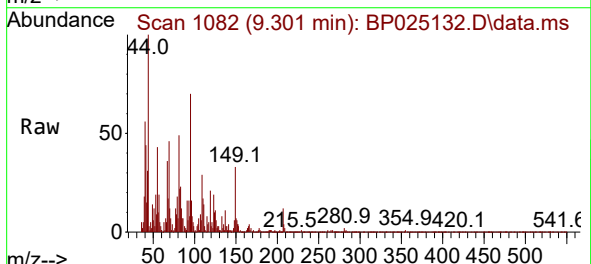
Instrument :
BNA_P
ClientSampleId :
MOO-25-0194-0195

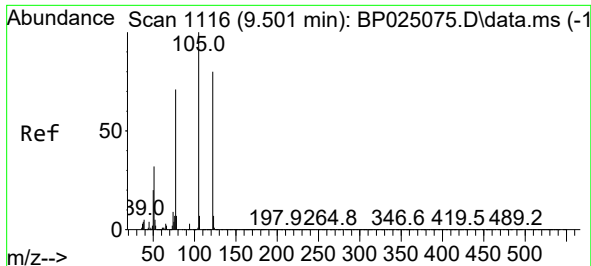
Tgt Ion: 82 Resp: 1717916
Ion Ratio Lower Upper
82 100
128 47.7 38.4 57.6
54 45.6 37.8 56.6



#26
2-Nitrophenol
Concen: 3.309 ng
RT: 9.301 min Scan# 1082
Delta R.T. -0.012 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

Tgt Ion:139 Resp: 121
Ion Ratio Lower Upper
139 100
109 844.7 22.3 33.5#
65 214.7 33.8 50.8#

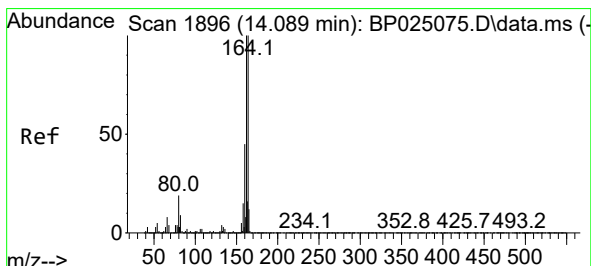
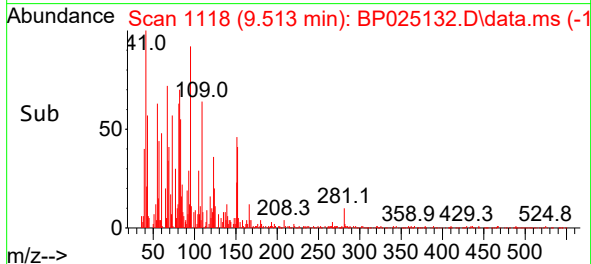
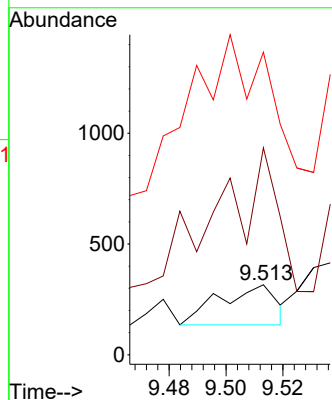
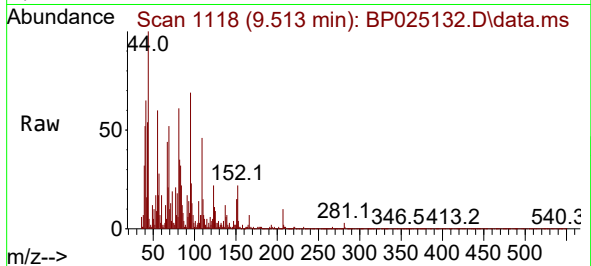




#32
Benzoic acid
Concen: 6.214 ng
RT: 9.513 min Scan# 1116
Delta R.T. 0.012 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

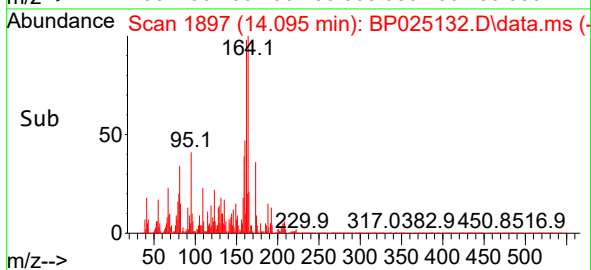
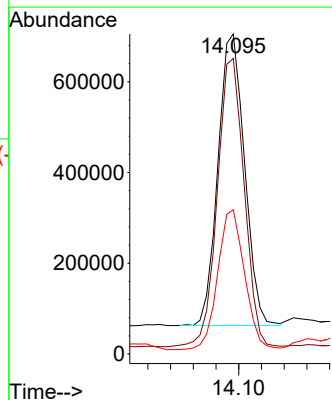
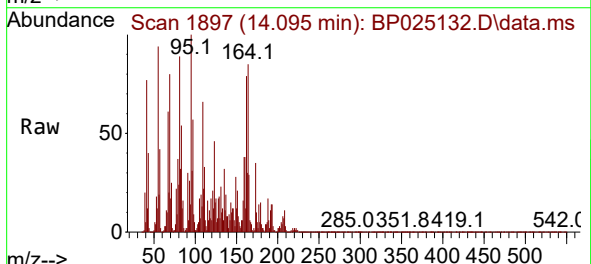
Instrument :
BNA_P
ClientSampleId :
MOO-25-0194-0195

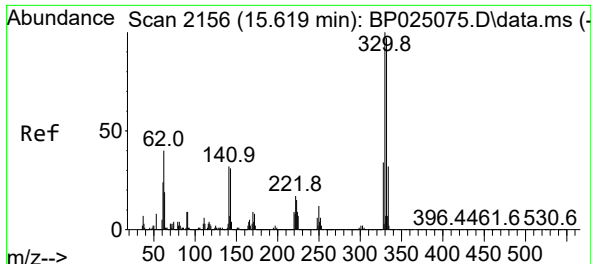
Tgt Ion:122 Resp: 252
Ion Ratio Lower Upper
122 100
105 295.6 101.0 141.0#
77 432.3 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

Tgt Ion:164 Resp: 1039835
Ion Ratio Lower Upper
164 100
162 92.4 80.3 120.5
160 45.1 35.9 53.9

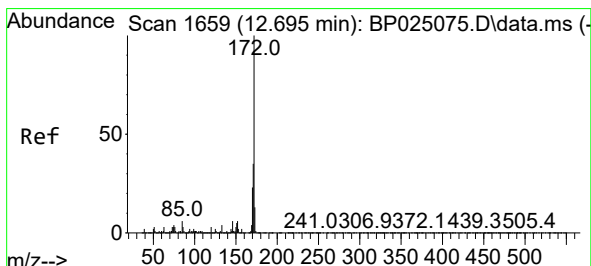
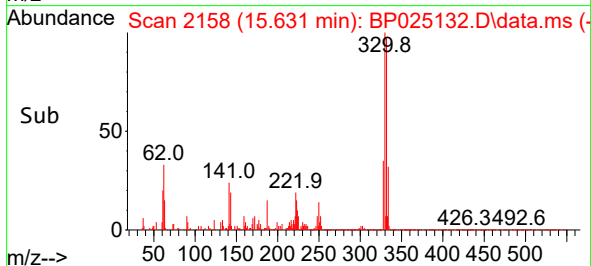
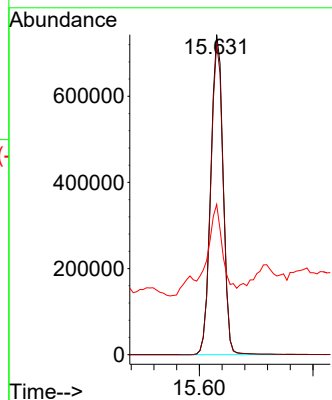
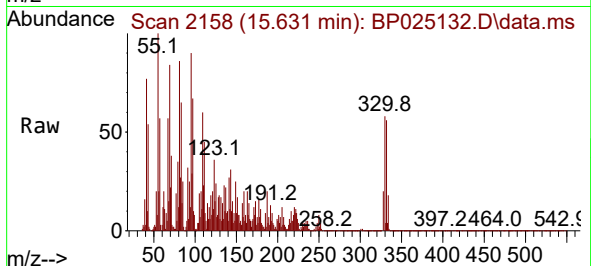




#42
2,4,6-Tribromophenol
Concen: 91.110 ng
RT: 15.631 min Scan# 2156
Delta R.T. 0.012 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

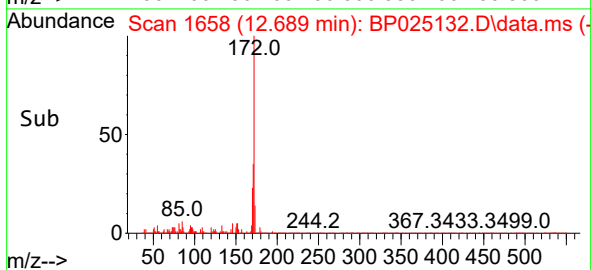
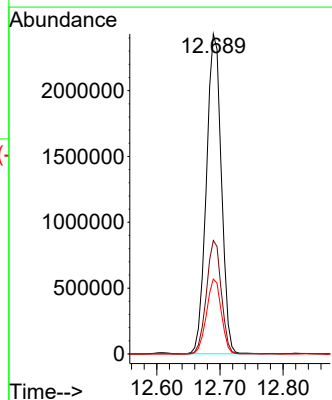
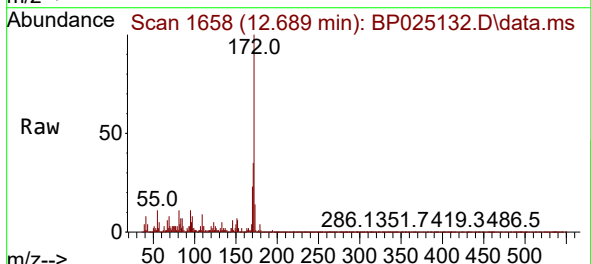
Instrument :
BNA_P
ClientSampleId :
MOO-25-0194-0195

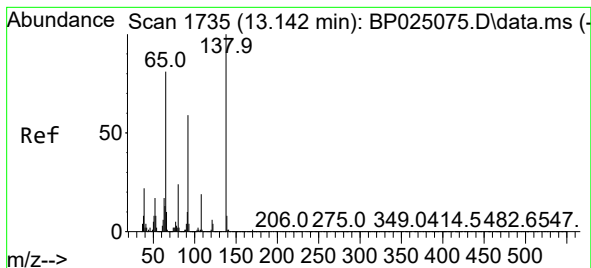
Tgt Ion:330 Resp: 1119194
Ion Ratio Lower Upper
330 100
332 97.4 77.7 116.5
141 27.3 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 59.650 ng
RT: 12.689 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

Tgt Ion:172 Resp: 4003869
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.4 18.7 28.1





#48

2-Nitroaniline

Concen: 4.644 ng

RT: 13.154 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP025132.D

Acq: 14 Jul 2025 23:18

Instrument :

BNA_P

ClientSampleId :

MOO-25-0194-0195

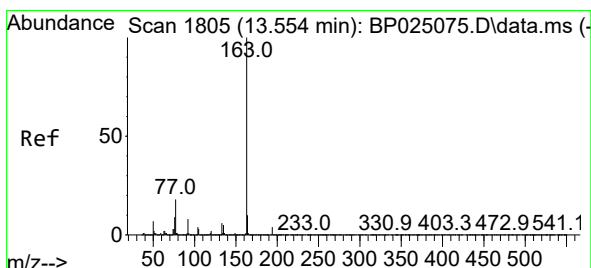
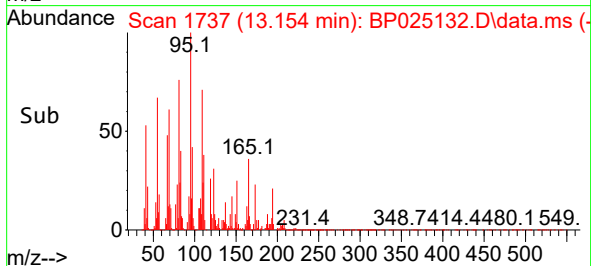
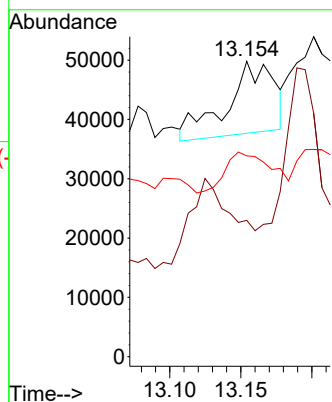
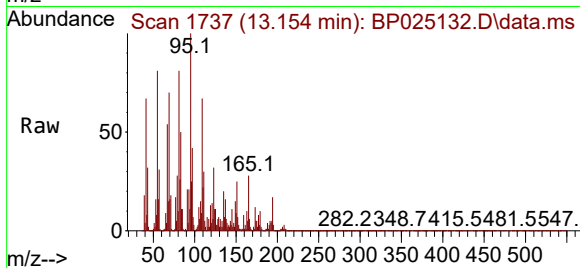
Tgt Ion: 65 Resp: 27784

Ion Ratio Lower Upper

65 100

92 46.2 58.7 88.1#

138 68.0 99.0 148.4#



#50

Dimethylphthalate

Concen: 2.681 ng

RT: 13.548 min Scan# 1804

Delta R.T. -0.006 min

Lab File: BP025132.D

Acq: 14 Jul 2025 23:18

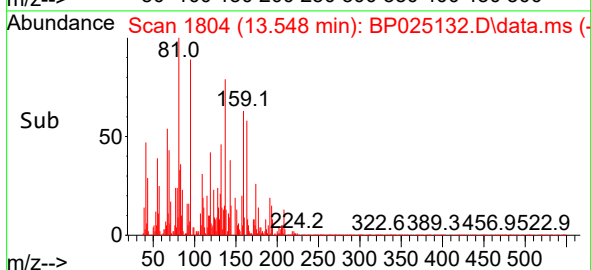
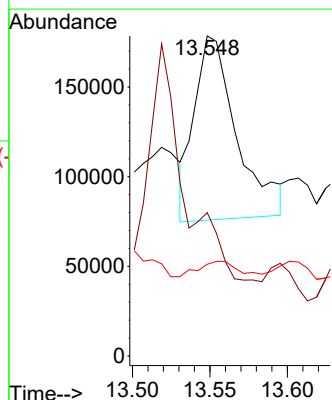
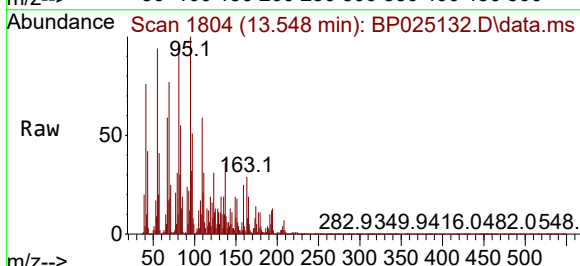
Tgt Ion: 163 Resp: 195158

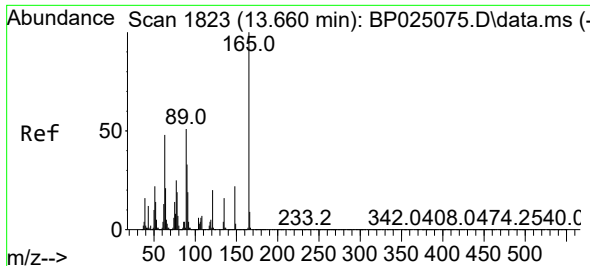
Ion Ratio Lower Upper

163 100

194 44.8 3.4 5.0#

164 28.7 8.0 12.0#

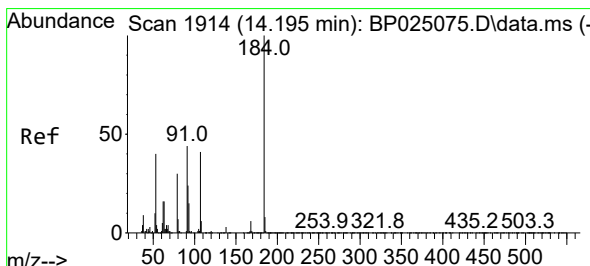
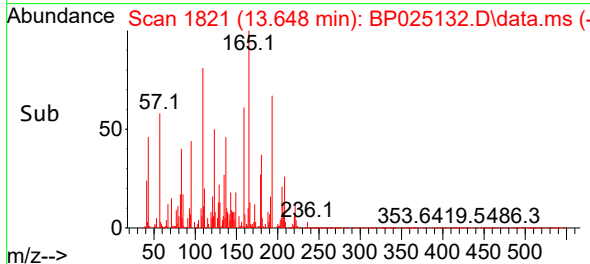
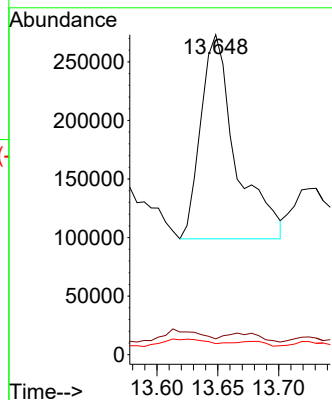
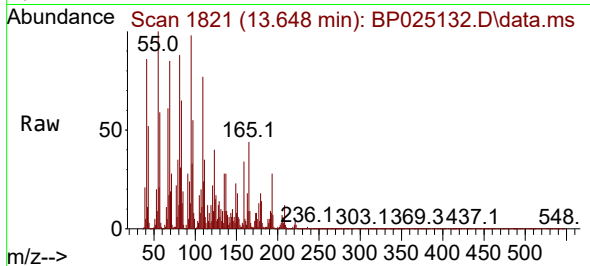




#51
2,6-Dinitrotoluene
Concen: 24.632 ng
RT: 13.648 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

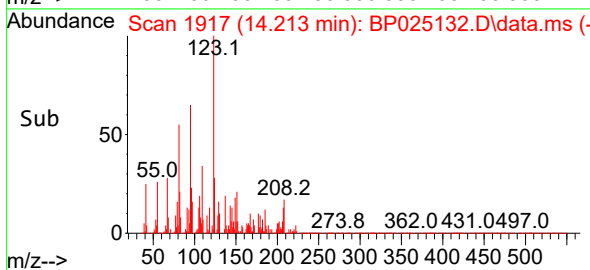
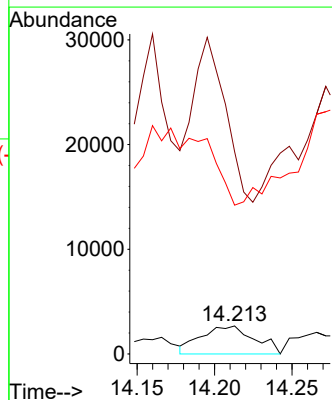
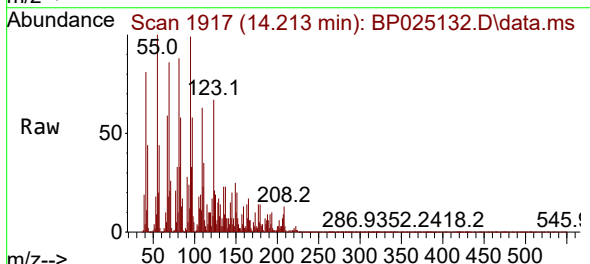
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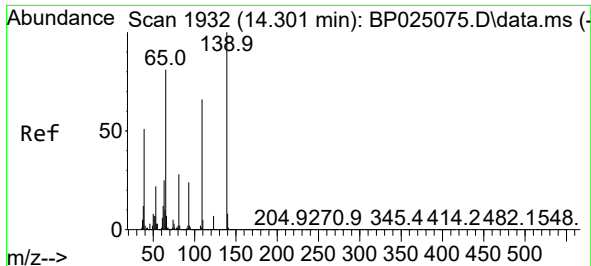
Tgt Ion:165 Resp: 349676
Ion Ratio Lower Upper
165 100
63 5.0 38.5 57.7#
89 3.5 40.6 61.0#



#54
2,4-Dinitrophenol
Concen: 6.240 ng
RT: 14.213 min Scan# 1917
Delta R.T. 0.018 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

Tgt Ion:184 Resp: 6360
Ion Ratio Lower Upper
184 100
63 724.7 47.4 71.0#
154 533.0 47.8 71.8#

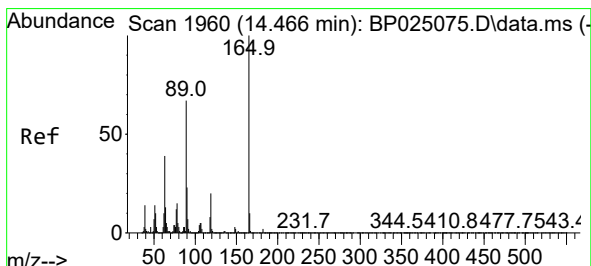
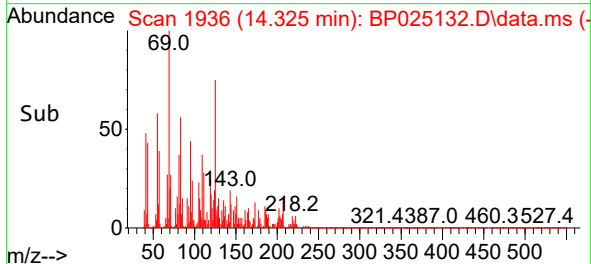
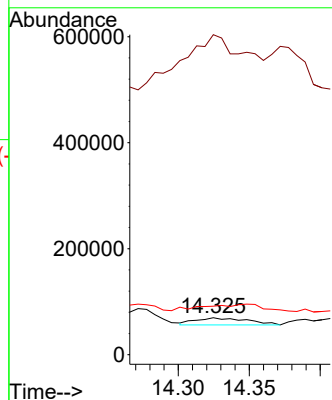
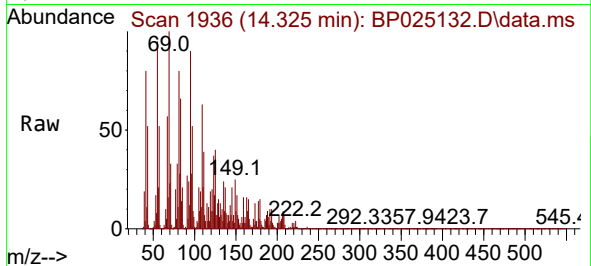




#56
4-Nitrophenol
Concen: 2.424 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.023 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

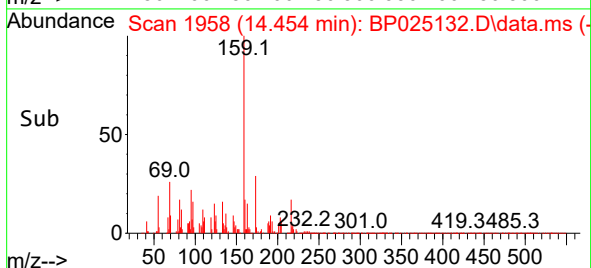
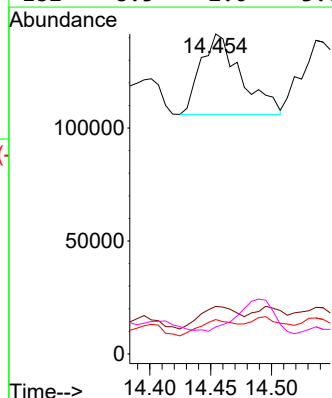
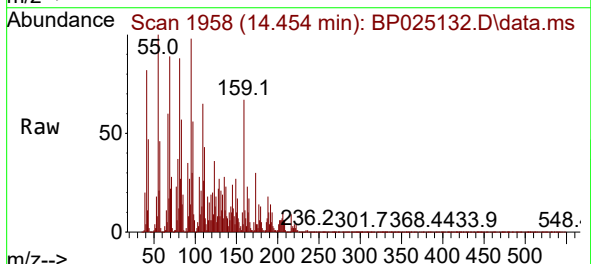
Instrument :
BNA_P
ClientSampleId :
MOO-25-0194-0195

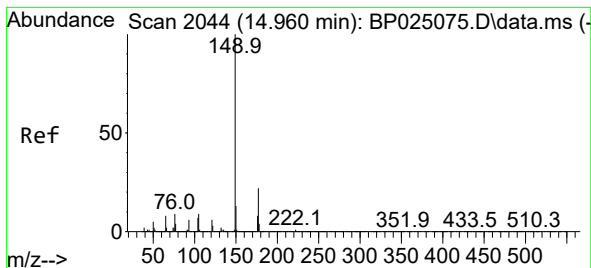
Tgt Ion:139 Resp: 34035
Ion Ratio Lower Upper
139 100
109 866.2 45.9 85.9#
65 131.2 61.4 101.4#



#57
2,4-Dinitrotoluene
Concen: 6.352 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

Tgt Ion:165 Resp: 81896
Ion Ratio Lower Upper
165 100
63 14.9 31.0 46.4#
89 10.8 53.4 80.0#
182 8.5 2.0 3.0#





#60

Diethylphthalate

Concen: 2.504 ng

RT: 14.989 min Scan# 2049

Delta R.T. 0.029 min

Lab File: BP025132.D

Acq: 14 Jul 2025 23:18

Instrument :

BNA_P

ClientSampleId :

MOO-25-0194-0195

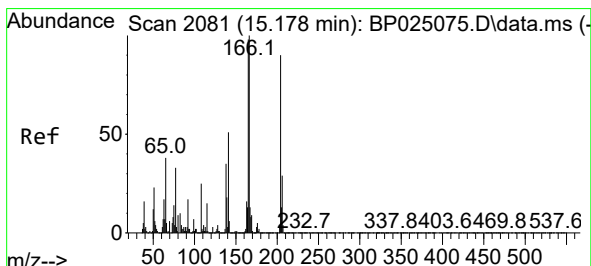
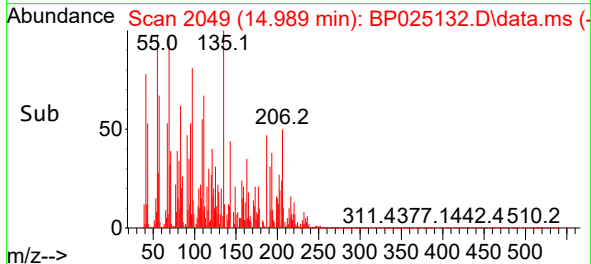
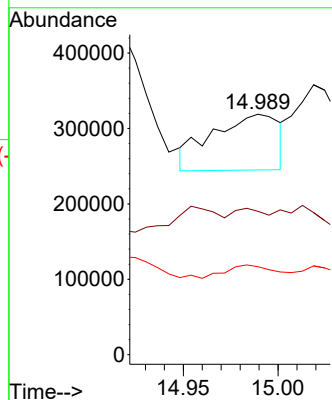
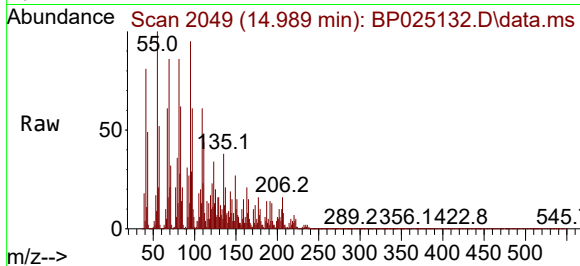
Tgt Ion:149 Resp: 183052

Ion Ratio Lower Upper

149 100

177 59.6 17.8 26.8#

150 36.6 10.2 15.2#



#61

4-Chlorophenyl-phenylether

Concen: 2.401 ng

RT: 15.201 min Scan# 2085

Delta R.T. 0.023 min

Lab File: BP025132.D

Acq: 14 Jul 2025 23:18

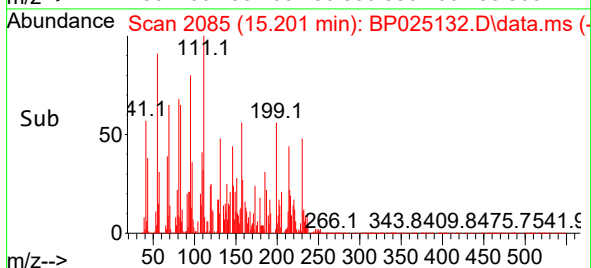
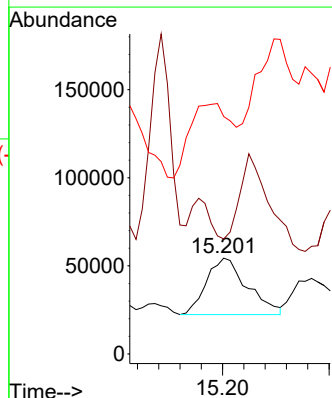
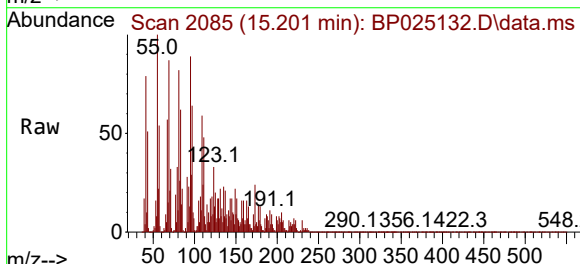
Tgt Ion:204 Resp: 85078

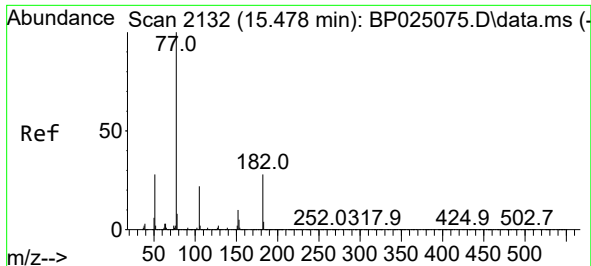
Ion Ratio Lower Upper

204 100

206 120.0 25.8 38.6#

141 247.7 45.1 67.7#

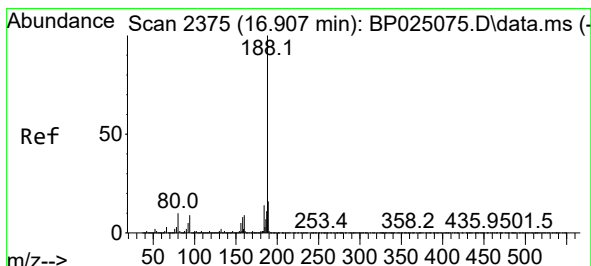
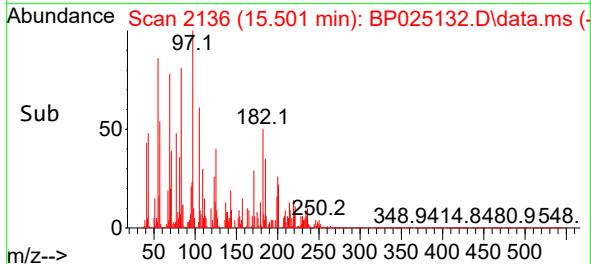
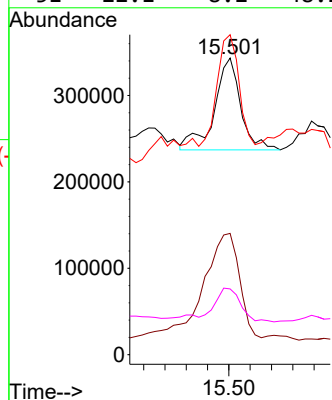
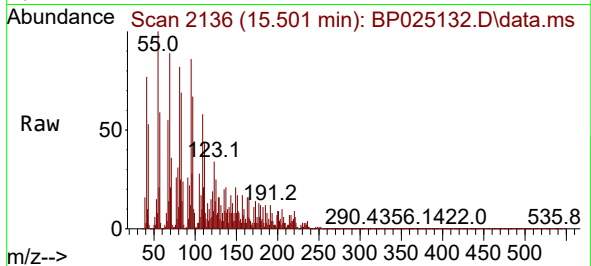




#63
Azobenzene
Concen: 2.806 ng
RT: 15.501 min Scan# 2136
Delta R.T. 0.023 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

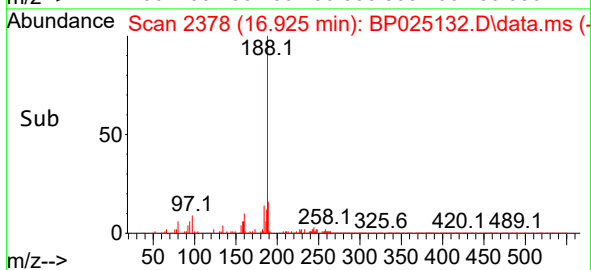
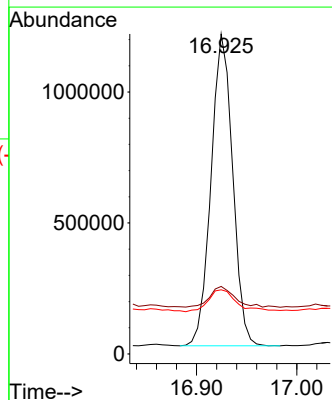
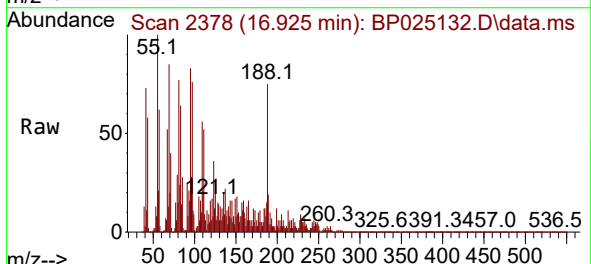
Instrument :
BNA_P
ClientSampleId :
MOO-25-0194-0195

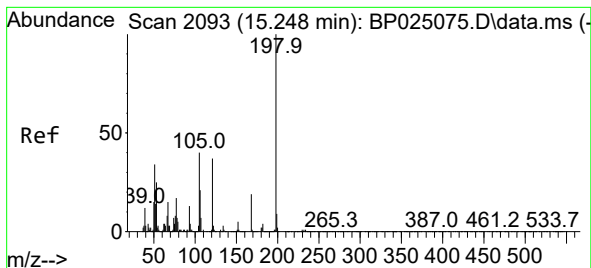
Tgt Ion: 77 Resp: 182669
Ion Ratio Lower Upper
77 100
182 40.9 7.7 47.7
105 107.9 1.9 41.9#
51 22.1 8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.925 min Scan# 2378
Delta R.T. 0.018 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

Tgt Ion:188 Resp: 1785383
Ion Ratio Lower Upper
188 100
94 21.1 7.3 10.9#
80 20.0 7.8 11.6#

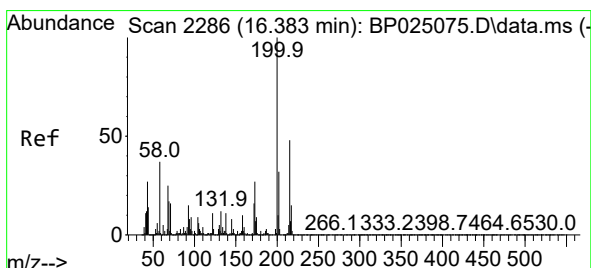
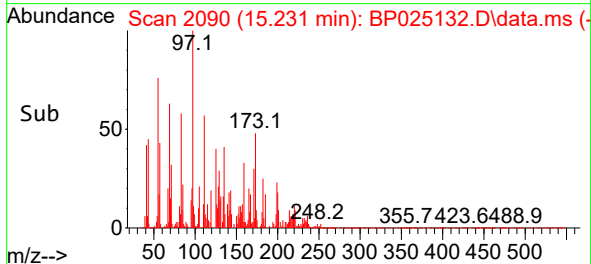
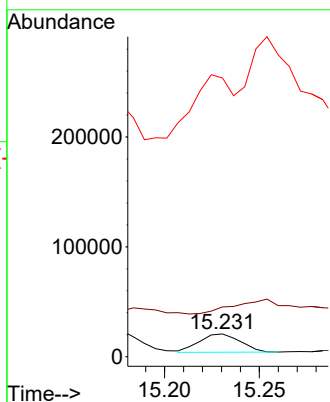
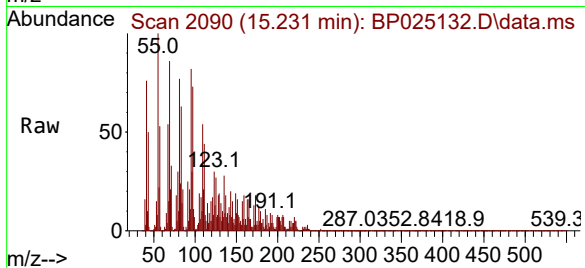




#65
4,6-Dinitro-2-methylphenol
Concen: 8.306 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.017 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

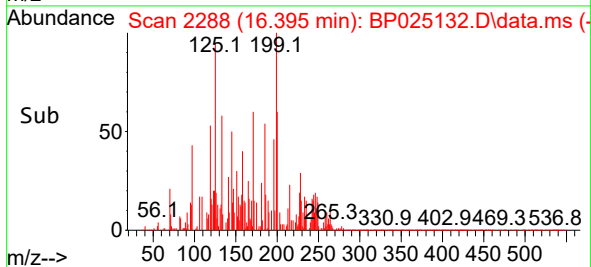
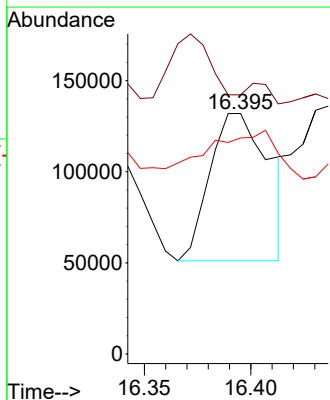
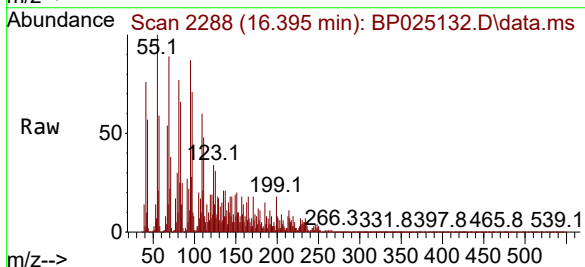
Instrument :
BNA_P
ClientSampleId :
MOO-25-0194-0195

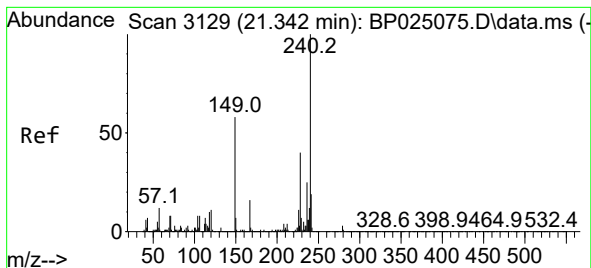
Tgt Ion:198 Resp: 25075
Ion Ratio Lower Upper
198 100
51 219.7 16.8 56.8#
105 1228.7 20.8 60.8#



#69
Atrazine
Concen: 10.441 ng
RT: 16.395 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BP025132.D
Acq: 14 Jul 2025 23:18

Tgt Ion:200 Resp: 156328
Ion Ratio Lower Upper
200 100
173 107.8 6.6 46.6#
215 89.8 28.0 68.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.354 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025132.D

Acq: 14 Jul 2025 23:18

Instrument :

BNA_P

ClientSampleId :

MOO-25-0194-0195

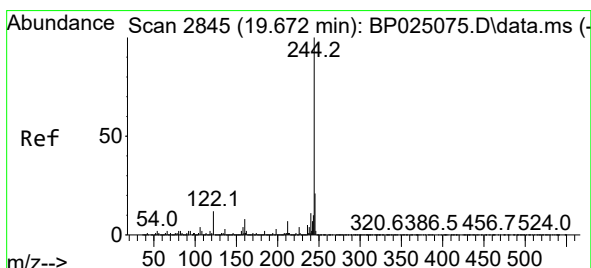
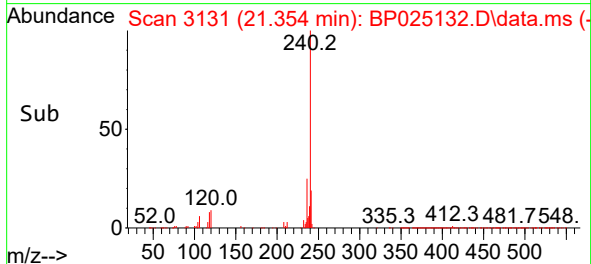
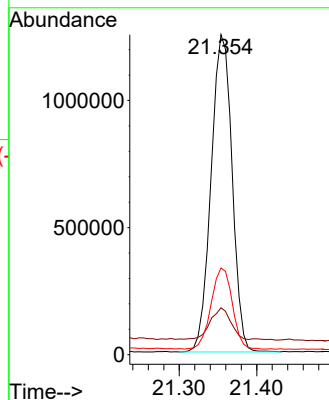
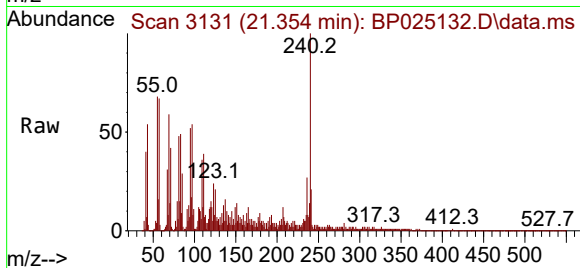
Tgt Ion:240 Resp: 2359788

Ion Ratio Lower Upper

240 100

120 14.6 9.0 13.4#

236 27.1 20.3 30.5



#79

Terphenyl-d14

Concen: 46.658 ng

RT: 19.683 min Scan# 2847

Delta R.T. 0.012 min

Lab File: BP025132.D

Acq: 14 Jul 2025 23:18

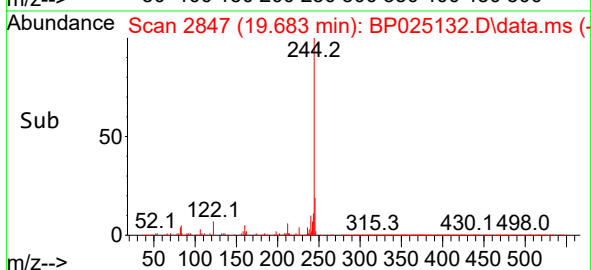
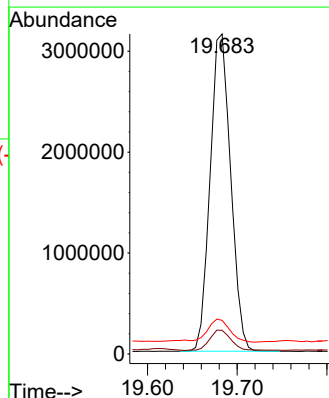
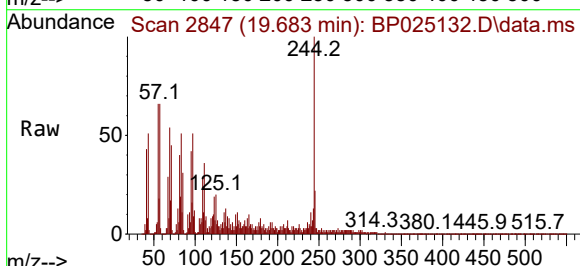
Tgt Ion:244 Resp: 5009704

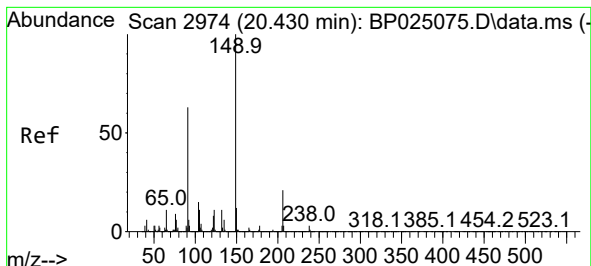
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.5 9.4 14.2





#80

Butylbenzylphthalate

Concen: 4.262 ng

RT: 20.495 min Scan# 2985

Delta R.T. 0.065 min

Lab File: BP025132.D

Acq: 14 Jul 2025 23:18

Instrument :

BNA_P

ClientSampleId :

MOO-25-0194-0195

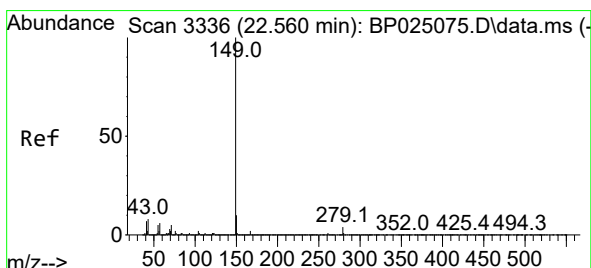
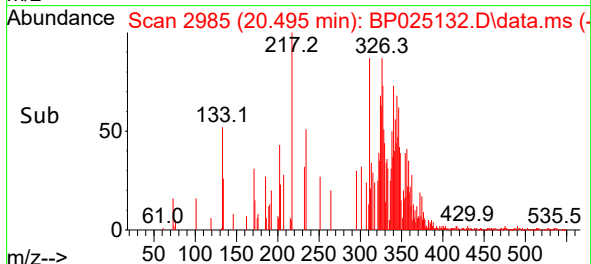
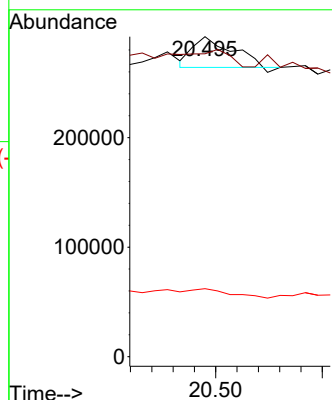
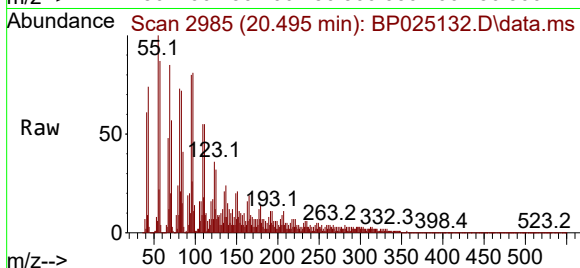
Tgt Ion:149 Resp: 35389

Ion Ratio Lower Upper

149 100

91 94.6 50.6 76.0#

206 21.2 17.2 25.8



#85

Di-n-octyl phthalate

Concen: 6.613 ng

RT: 22.571 min Scan# 3338

Delta R.T. 0.011 min

Lab File: BP025132.D

Acq: 14 Jul 2025 23:18

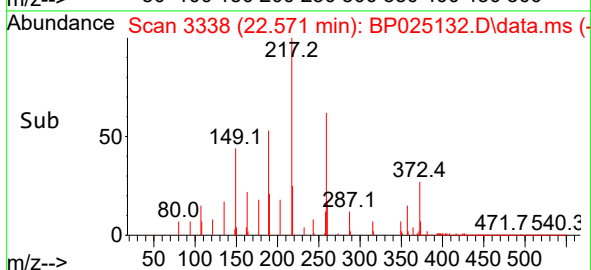
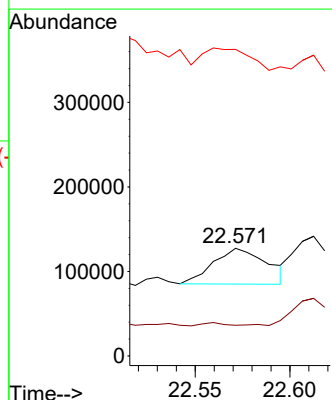
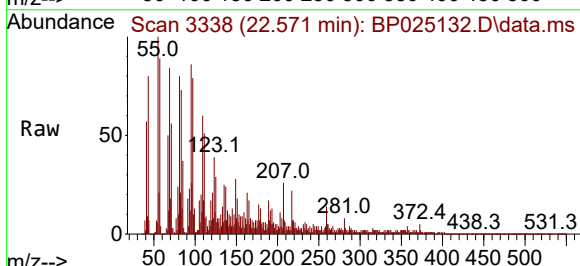
Tgt Ion:149 Resp: 82792

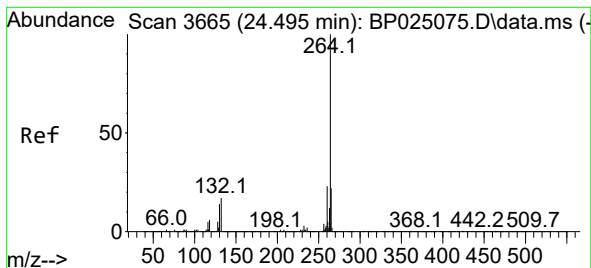
Ion Ratio Lower Upper

149 100

167 6.0 1.3 1.9#

43 0.0 6.9 10.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.465 min Scan# 30

Delta R.T. -0.029 min

Lab File: BP025132.D

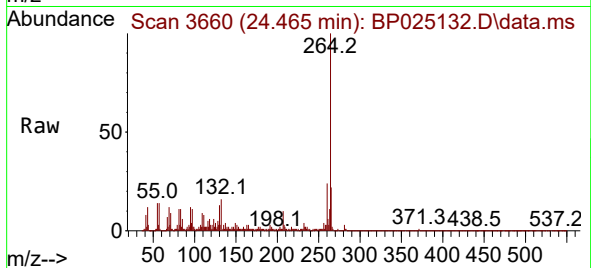
Acq: 14 Jul 2025 23:18

Instrument :

BNA_P

ClientSampleId :

MOO-25-0194-0195



Tgt Ion:264 Resp: 2841387

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 22.1 17.7 26.5

