

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025130.D
 Acq On : 14 Jul 2025 21:55
 Operator : CG/JU
 Sample : Q2489-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 G1(0-6)

Quant Time: Jul 15 01:17:42 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)

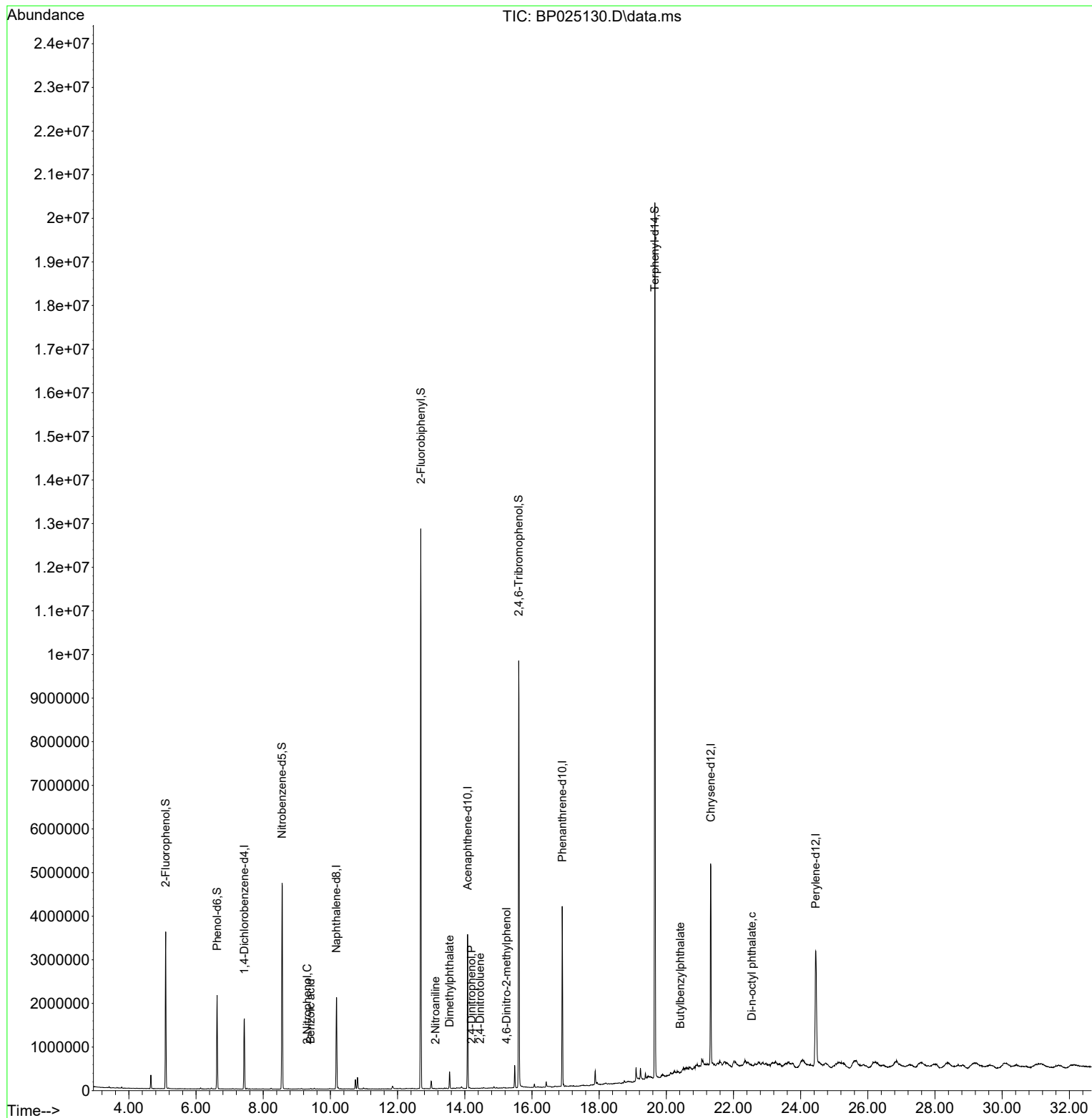
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	456442	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1785597	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1111878	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2260584	20.000	ng	0.00
76) Chrysene-d12	21.325	240	2624156	20.000	ng	-0.02
86) Perylene-d12	24.442	264	2972792	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1568484	60.887	ng	0.00
7) Phenol-d6	6.625	99	1188301	35.348	ng	0.00
23) Nitrobenzene-d5	8.561	82	2691632	100.250	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2106685	160.387	ng	-0.01
45) 2-Fluorobiphenyl	12.690	172	6499930	90.563	ng	0.00
79) Terphenyl-d14	19.660	244	10861188	90.965	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.308	139	118	3.310	ng	# 1
32) Benzoic acid	9.408	122	5470	6.458	ng	89
48) 2-Nitroaniline	13.131	65	146	2.774	ng	# 52
50) Dimethylphthalate	13.549	163	263656	3.388	ng	98
54) 2,4-Dinitrophenol	14.196	184	102	5.398	ng	# 1
57) 2,4-Dinitrotoluene	14.454	165	486	2.658	ng	# 71
65) 4,6-Dinitro-2-methylph...	15.243	198	40	5.582	ng	# 1
80) Butylbenzylphthalate	20.413	149	1450	3.703	ng	# 40
85) Di-n-octyl phthalate	22.548	149	106	6.099	ng	# 1

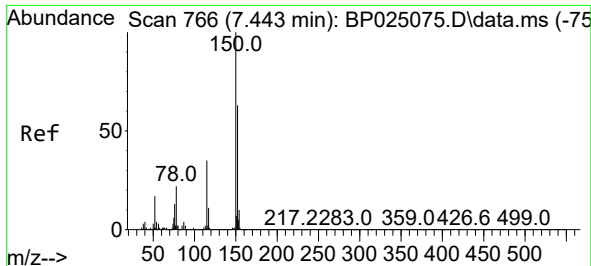
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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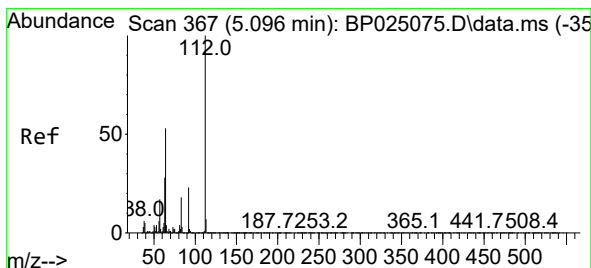
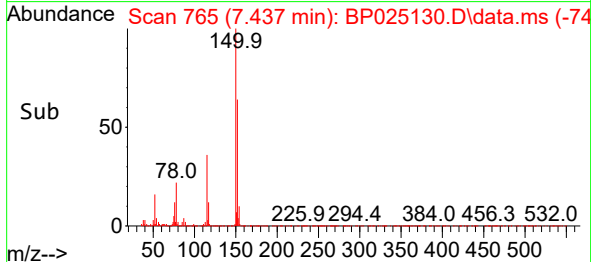
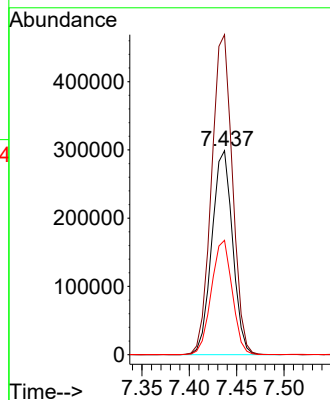
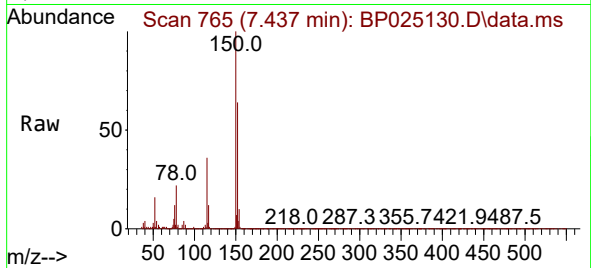




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 766
Delta R.T. -0.006 min
Lab File: BP025130.D
Acq: 14 Jul 2025 21:55

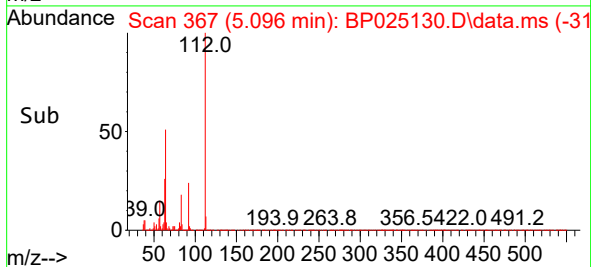
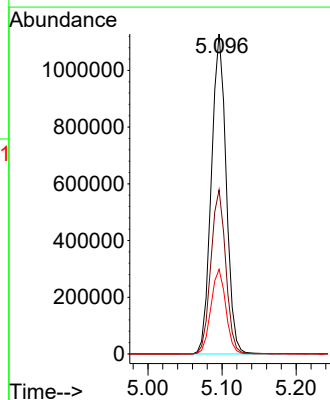
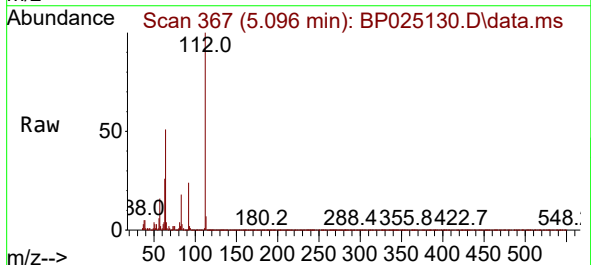
Instrument :
BNA_P
ClientSampleId :
G1(0-6)

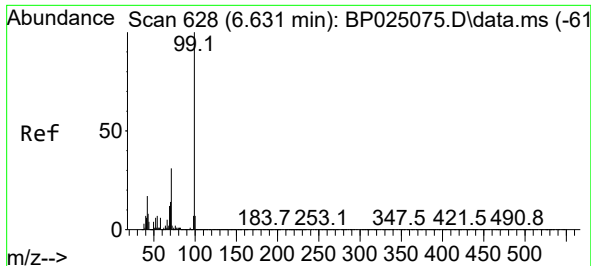
Tgt Ion:152 Resp: 456442
Ion Ratio Lower Upper
152 100
150 156.8 126.1 189.1
115 56.1 44.3 66.5



#5
2-Fluorophenol
Concen: 60.887 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025130.D
Acq: 14 Jul 2025 21:55

Tgt Ion:112 Resp: 1568484
Ion Ratio Lower Upper
112 100
64 51.3 42.0 63.0
63 26.4 22.2 33.2

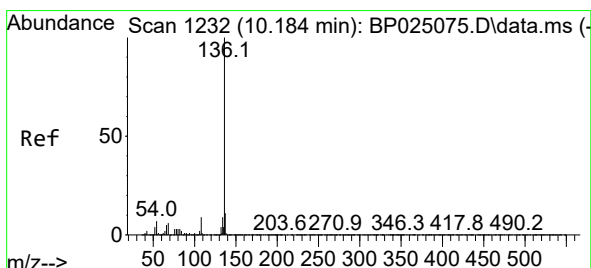
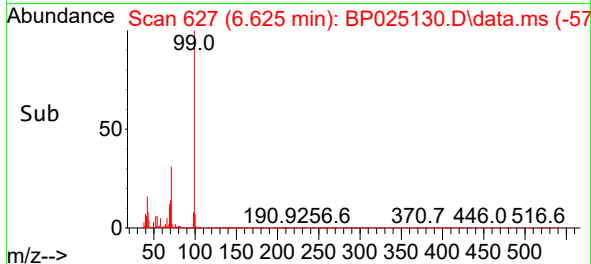
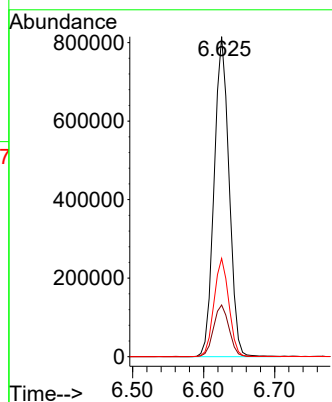
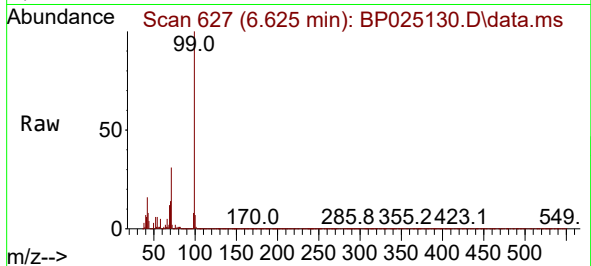




#7
Phenol-d6
Concen: 35.348 ng
RT: 6.625 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025130.D
Acq: 14 Jul 2025 21:55

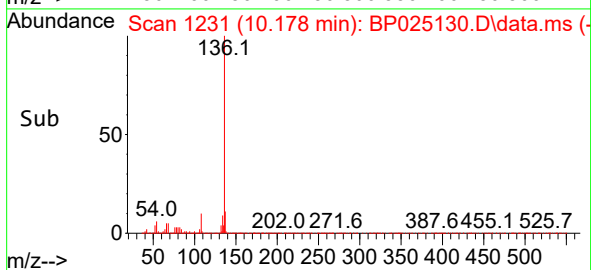
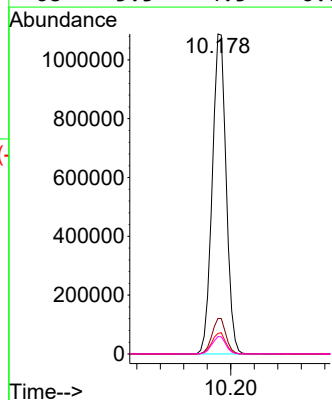
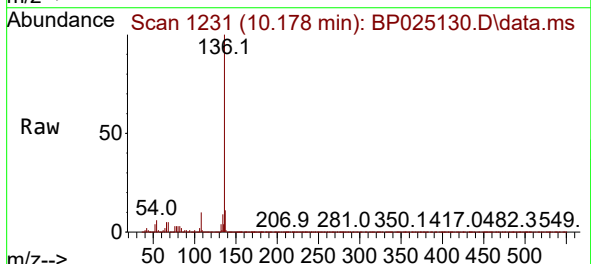
Instrument :
BNA_P
ClientSampleId :
G1(0-6)

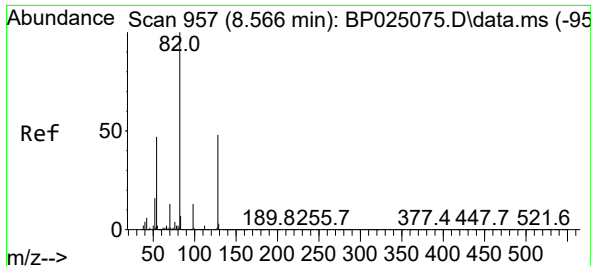
Tgt Ion: 99 Resp: 1188301
Ion Ratio Lower Upper
99 100
42 16.2 13.6 20.4
71 30.7 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025130.D
Acq: 14 Jul 2025 21:55

Tgt Ion:136 Resp: 1785597
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.4 5.4 8.2
68 5.5 4.5 6.7

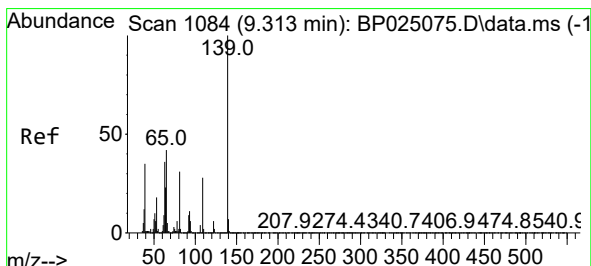
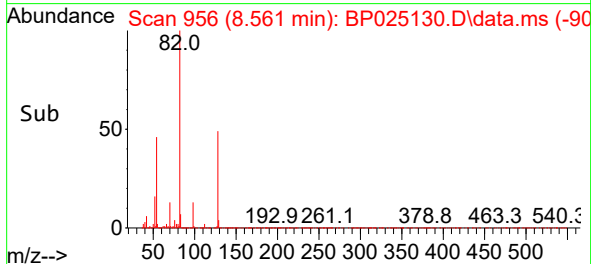
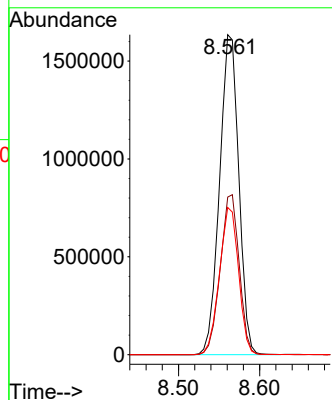
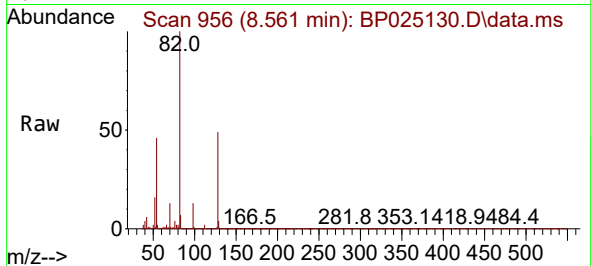




#23
Nitrobenzene-d5
Concen: 100.250 ng
RT: 8.561 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025130.D
Acq: 14 Jul 2025 21:55

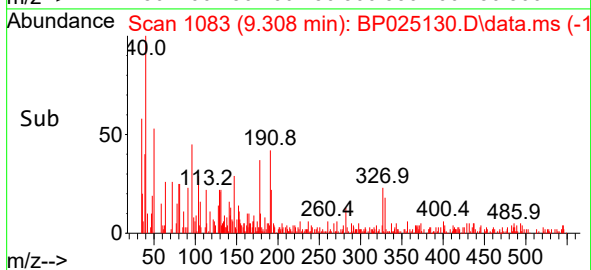
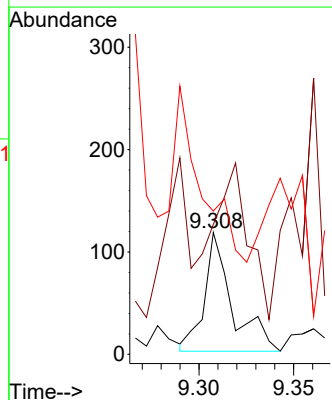
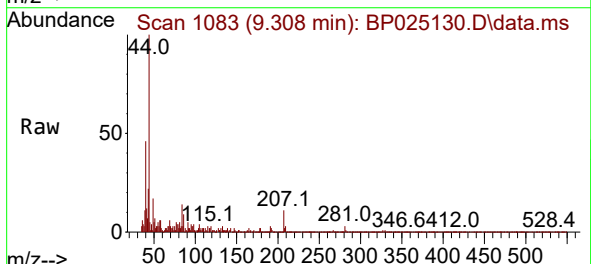
Instrument :
BNA_P
ClientSampleId :
G1(0-6)

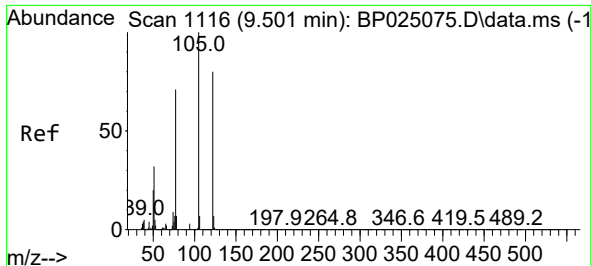
Tgt Ion: 82 Resp: 2691632
Ion Ratio Lower Upper
82 100
128 49.3 38.4 57.6
54 46.0 37.8 56.6



#26
2-Nitrophenol
Concen: 3.310 ng
RT: 9.308 min Scan# 1083
Delta R.T. -0.005 min
Lab File: BP025130.D
Acq: 14 Jul 2025 21:55

Tgt Ion:139 Resp: 118
Ion Ratio Lower Upper
139 100
109 106.7 22.3 33.5#
65 117.6 33.8 50.8#

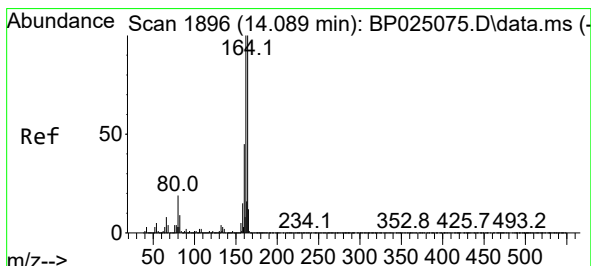
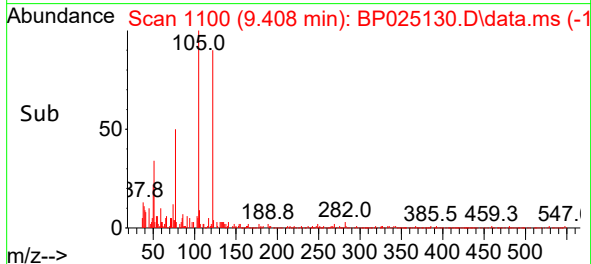
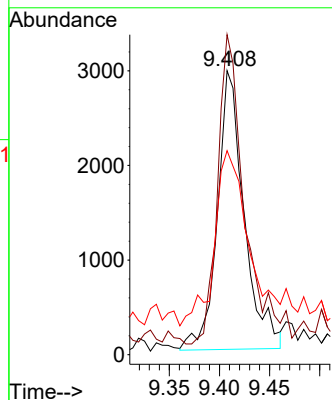
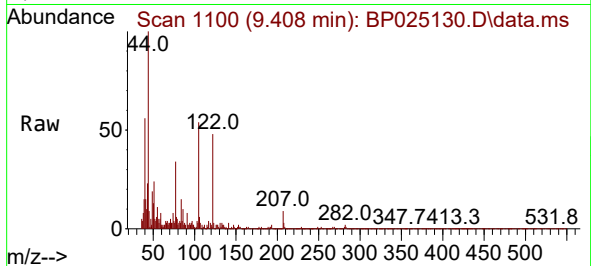




#32
Benzoic acid
Concen: 6.458 ng
RT: 9.408 min Scan# 1116
Delta R.T. -0.093 min
Lab File: BP025130.D
Acq: 14 Jul 2025 21:55

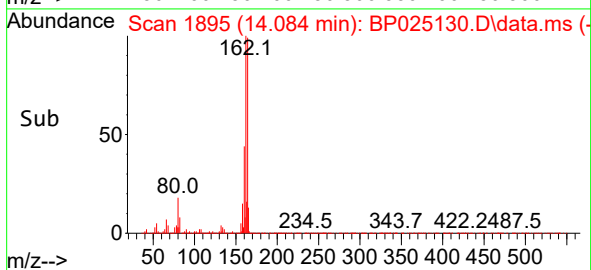
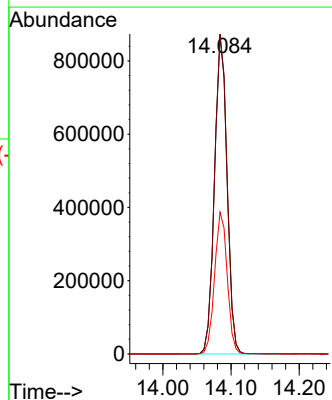
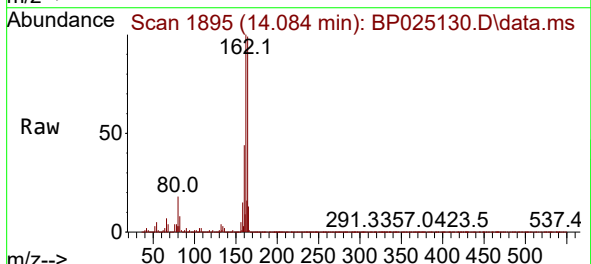
Instrument :
BNA_P
ClientSampleId :
G1(0-6)

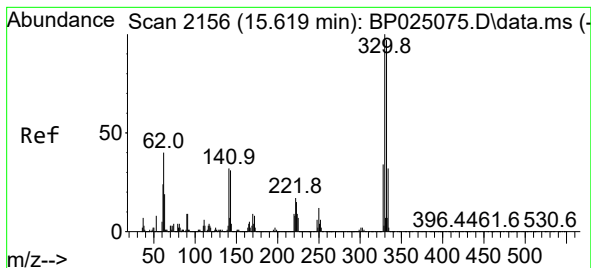
Tgt Ion:122 Resp: 5470
Ion Ratio Lower Upper
122 100
105 112.7 101.0 141.0
77 71.8 67.6 107.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025130.D
Acq: 14 Jul 2025 21:55

Tgt Ion:164 Resp: 1111878
Ion Ratio Lower Upper
164 100
162 100.6 80.3 120.5
160 44.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 160.387 ng

RT: 15.607 min Scan# 2156

Delta R.T. -0.012 min

Lab File: BP025130.D

Acq: 14 Jul 2025 21:55

Instrument :

BNA_P

ClientSampleId :

G1(0-6)

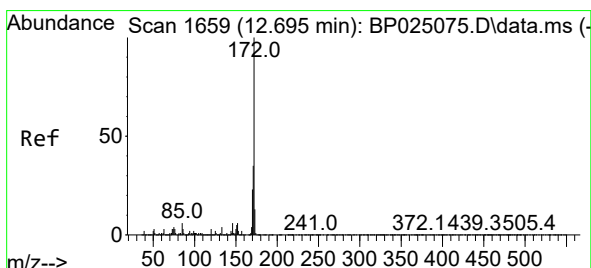
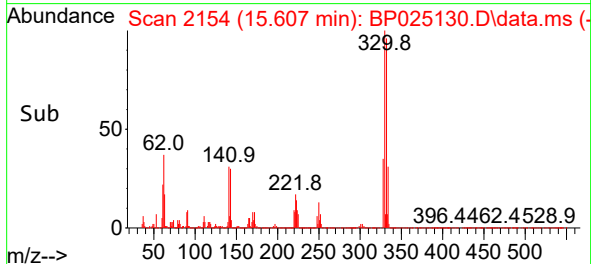
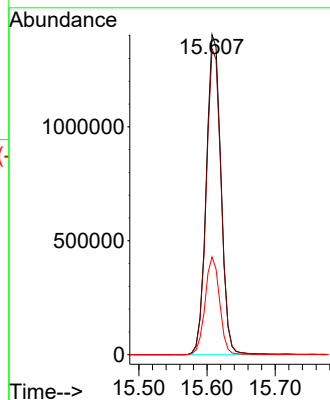
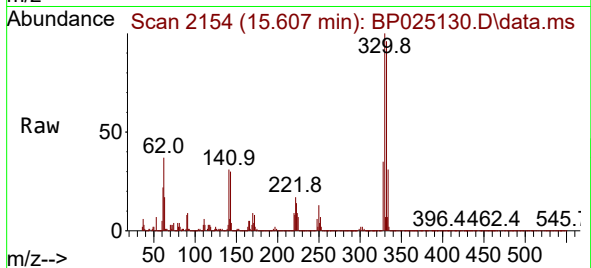
Tgt Ion:330 Resp: 2106685

Ion Ratio Lower Upper

330 100

332 96.7 77.7 116.5

141 30.3 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 90.563 ng

RT: 12.690 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP025130.D

Acq: 14 Jul 2025 21:55

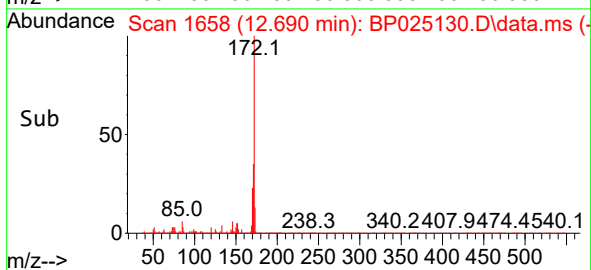
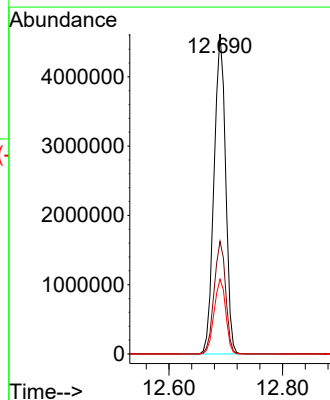
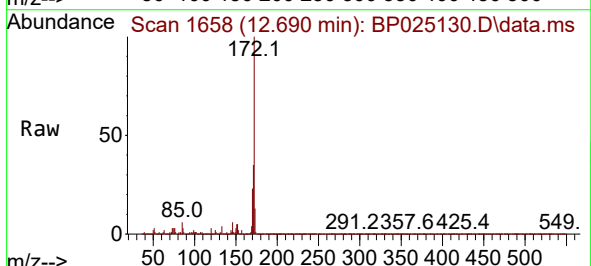
Tgt Ion:172 Resp: 6499930

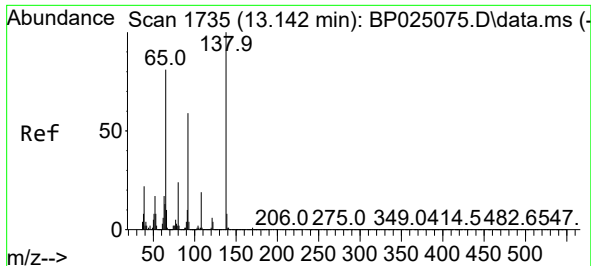
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.4 18.7 28.1

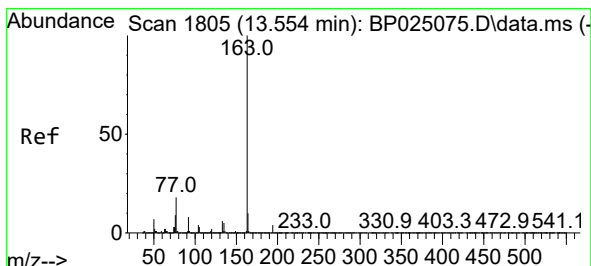
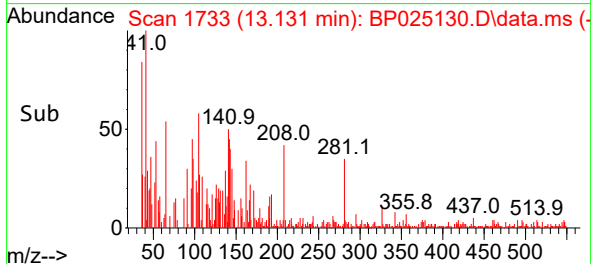
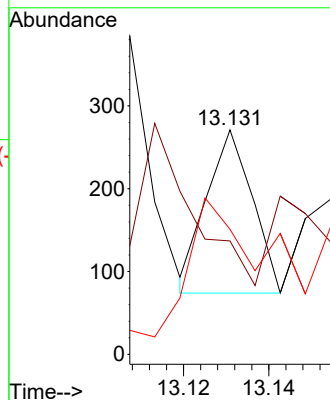
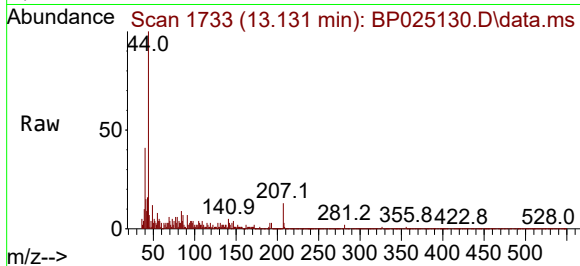




#48
2-Nitroaniline
Concen: 2.774 ng
RT: 13.131 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP025130.D
Acq: 14 Jul 2025 21:55

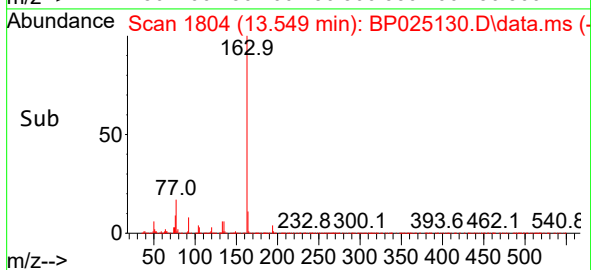
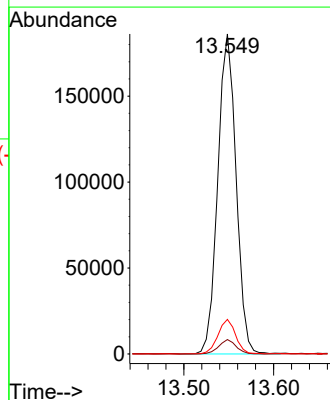
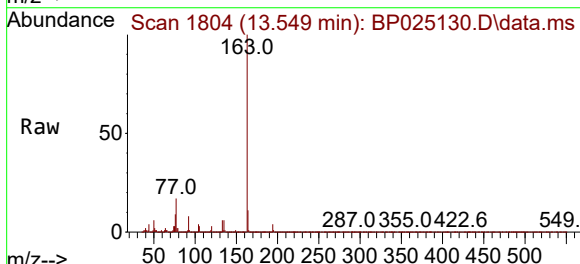
Instrument :
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ClientSampleId :
G1(0-6)

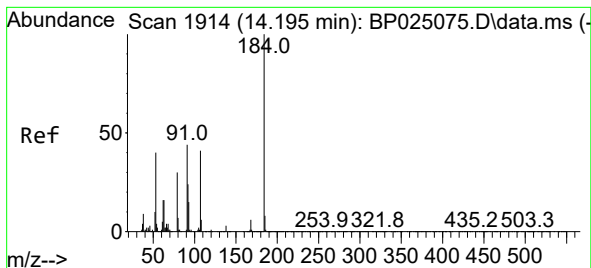
Tgt Ion: 65 Resp: 146
Ion Ratio Lower Upper
65 100
92 50.6 58.7 88.1#
138 55.7 99.0 148.4#



#50
Dimethylphthalate
Concen: 3.388 ng
RT: 13.549 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BP025130.D
Acq: 14 Jul 2025 21:55

Tgt Ion: 163 Resp: 263656
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 10.8 8.0 12.0





#54

2,4-Dinitrophenol

Concen: 5.398 ng

RT: 14.196 min Scan# 1914

Delta R.T. 0.001 min

Lab File: BP025130.D

Acq: 14 Jul 2025 21:55

Instrument :

BNA_P

ClientSampleId :

G1(0-6)

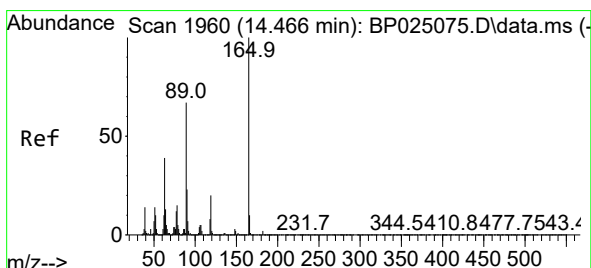
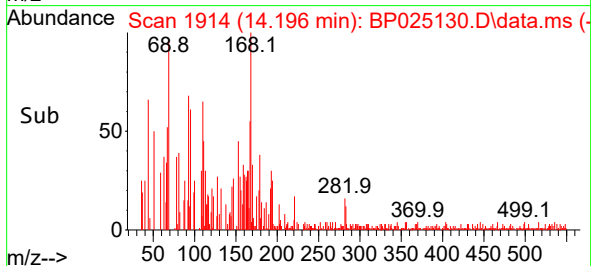
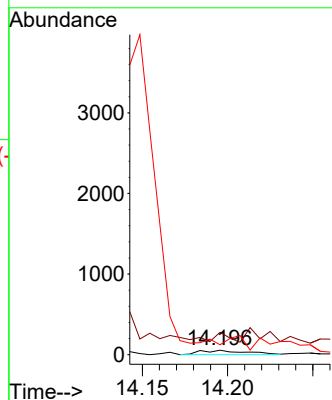
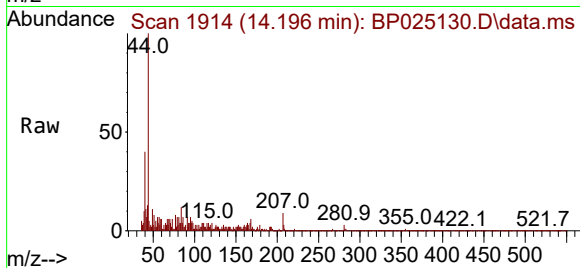
Tgt Ion:184 Resp: 102

Ion Ratio Lower Upper

184 100

63 429.2 47.4 71.0#

154 190.8 47.8 71.8#



#57

2,4-Dinitrotoluene

Concen: 2.658 ng

RT: 14.454 min Scan# 1958

Delta R.T. -0.012 min

Lab File: BP025130.D

Acq: 14 Jul 2025 21:55

Tgt Ion:165 Resp: 486

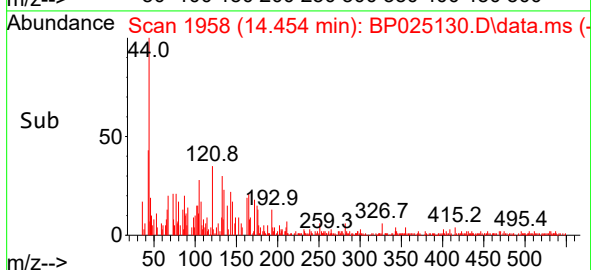
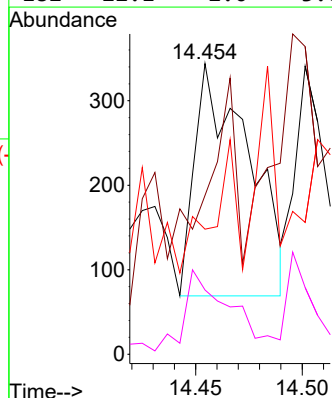
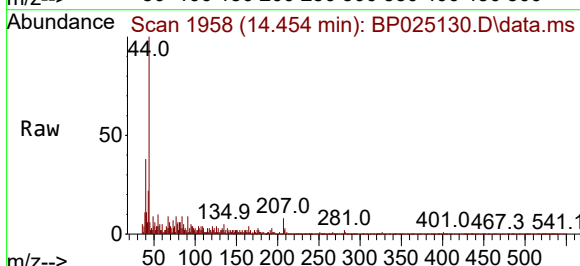
Ion Ratio Lower Upper

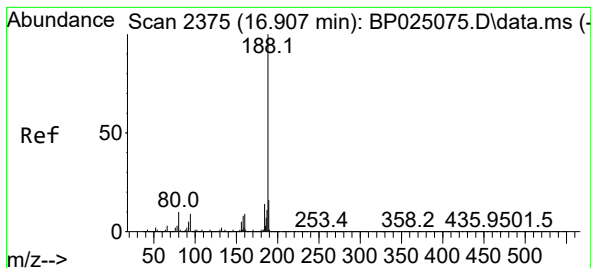
165 100

63 54.7 31.0 46.4#

89 43.0 53.4 80.0#

182 22.1 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.901 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025130.D

Acq: 14 Jul 2025 21:55

Instrument :

BNA_P

ClientSampleId :

G1(0-6)

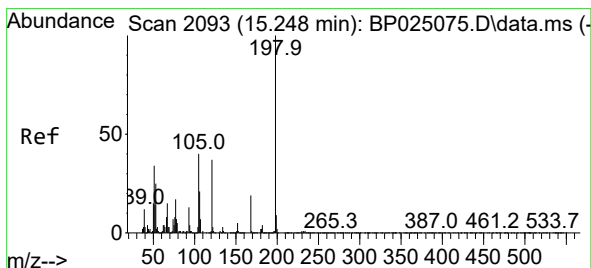
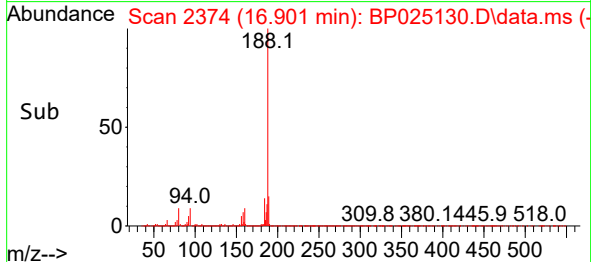
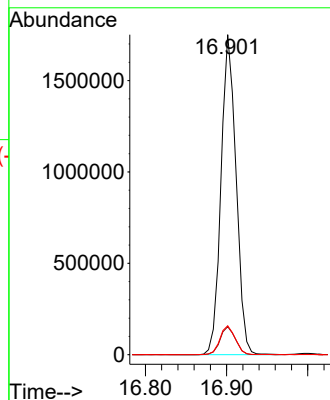
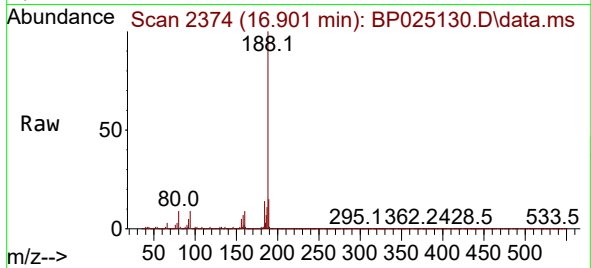
Tgt Ion:188 Resp: 2260584

Ion Ratio Lower Upper

188 100

94 8.7 7.3 10.9

80 9.0 7.8 11.6



#65

4,6-Dinitro-2-methylphenol

Concen: 5.582 ng

RT: 15.243 min Scan# 2092

Delta R.T. -0.005 min

Lab File: BP025130.D

Acq: 14 Jul 2025 21:55

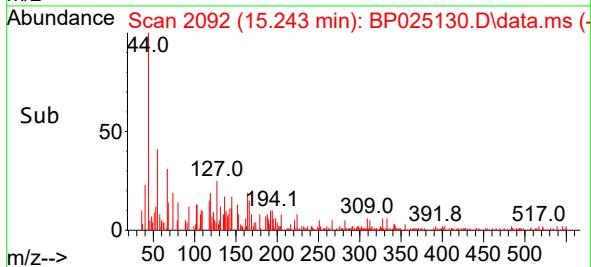
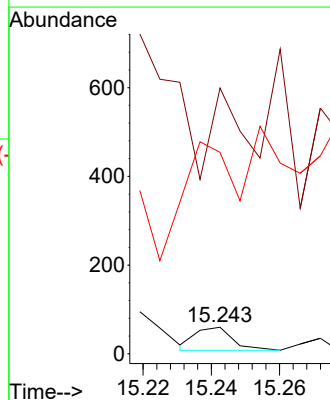
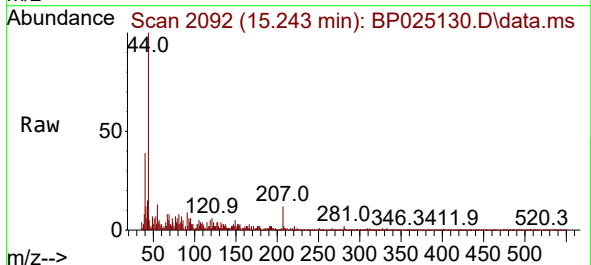
Tgt Ion:198 Resp: 40

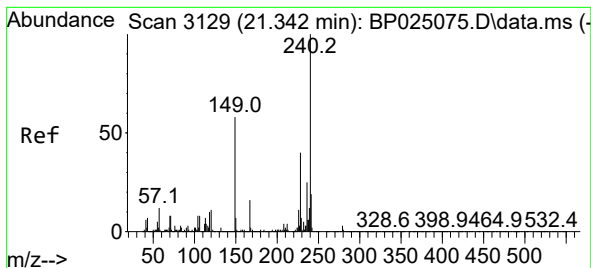
Ion Ratio Lower Upper

198 100

51 998.3 16.8 56.8#

105 756.7 20.8 60.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.325 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP025130.D

Acq: 14 Jul 2025 21:55

Instrument :

BNA_P

ClientSampleId :

G1(0-6)

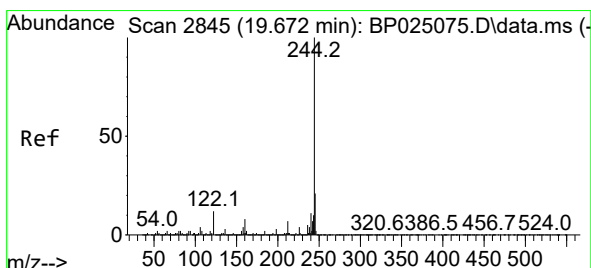
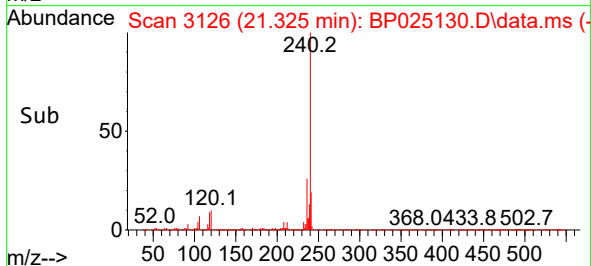
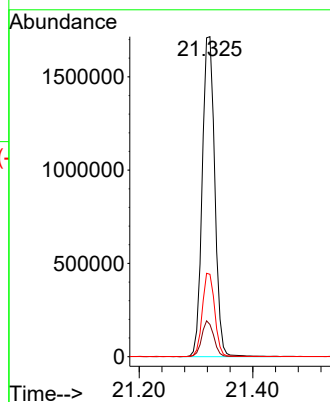
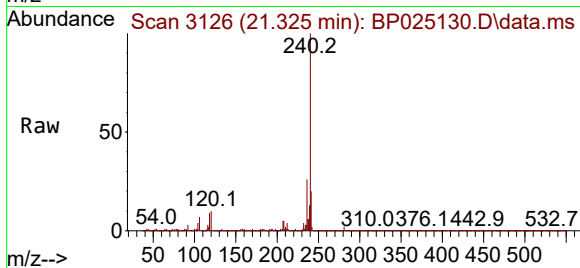
Tgt Ion:240 Resp: 2624156

Ion Ratio Lower Upper

240 100

120 10.0 9.0 13.4

236 25.8 20.3 30.5



#79

Terphenyl-d14

Concen: 90.965 ng

RT: 19.660 min Scan# 2843

Delta R.T. -0.012 min

Lab File: BP025130.D

Acq: 14 Jul 2025 21:55

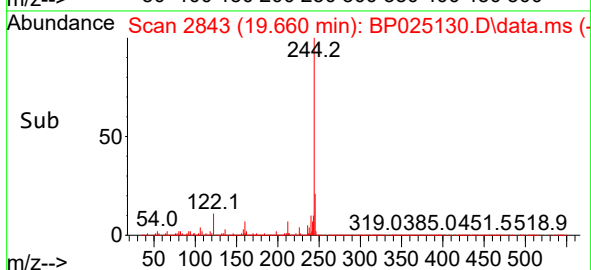
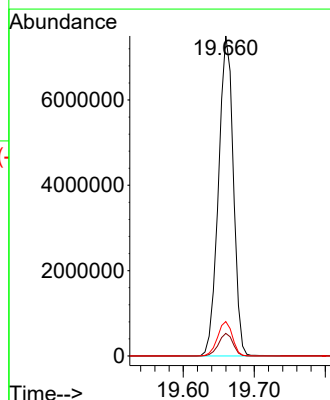
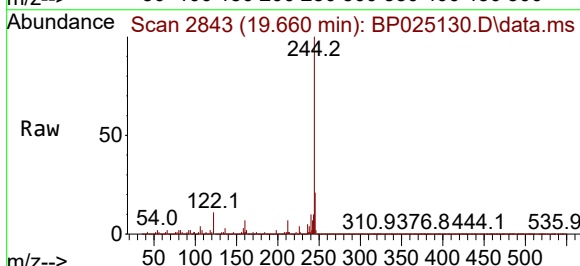
Tgt Ion:244 Resp:10861188

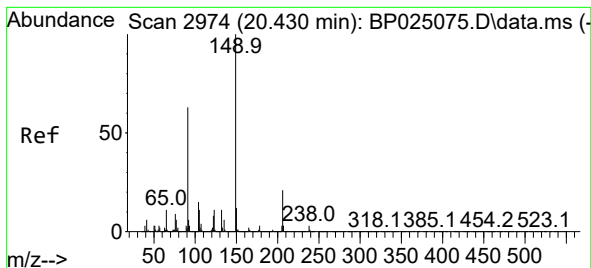
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.7 9.4 14.2





#80

Butylbenzylphthalate

Concen: 3.703 ng

RT: 20.413 min Scan# 2971

Delta R.T. -0.017 min

Lab File: BP025130.D

Acq: 14 Jul 2025 21:55

Instrument :

BNA_P

ClientSampleId :

G1(0-6)

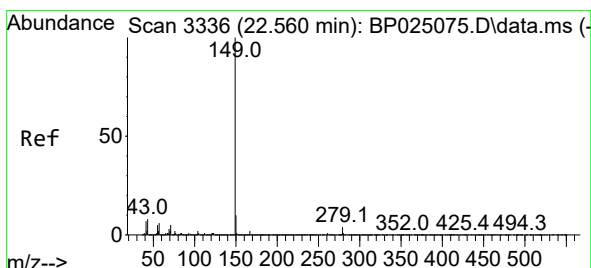
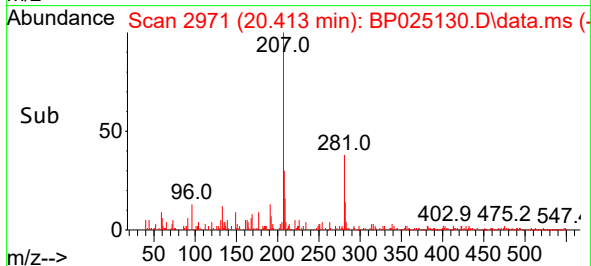
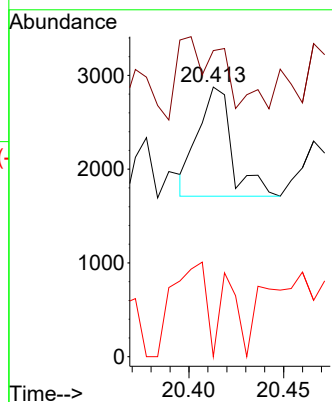
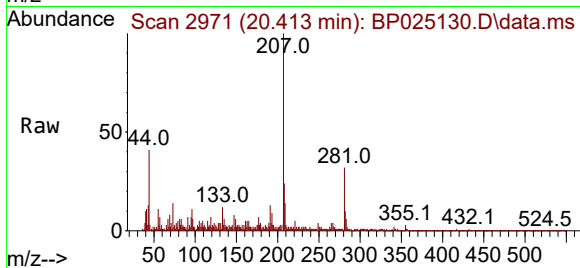
Tgt Ion:149 Resp: 1450

Ion Ratio Lower Upper

149 100

91 113.6 50.6 76.0#

206 0.0 17.2 25.8#



#85

Di-n-octyl phthalate

Concen: 6.099 ng

RT: 22.548 min Scan# 3334

Delta R.T. -0.012 min

Lab File: BP025130.D

Acq: 14 Jul 2025 21:55

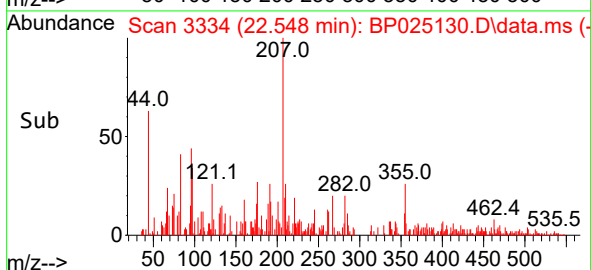
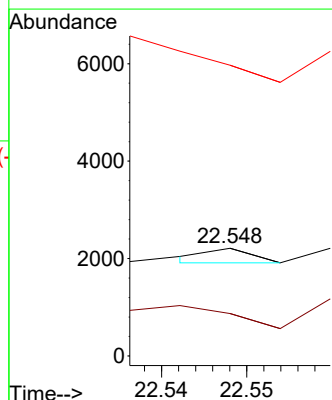
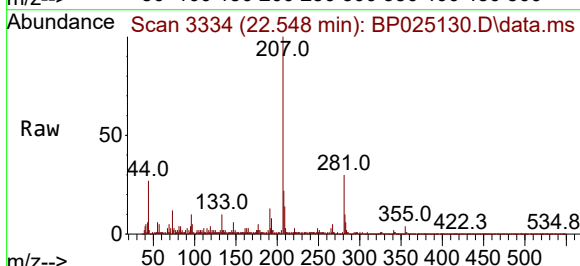
Tgt Ion:149 Resp: 106

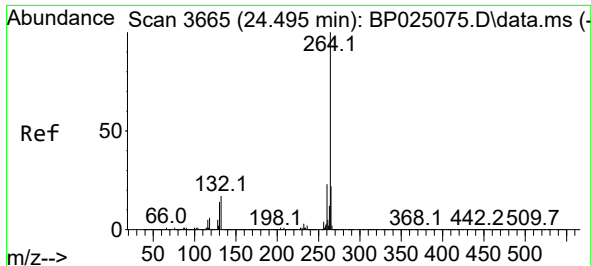
Ion Ratio Lower Upper

149 100

167 384.9 1.3 1.9#

43 0.0 6.9 10.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.442 min Scan# 30
Delta R.T. -0.053 min
Lab File: BP025130.D
Acq: 14 Jul 2025 21:55

Instrument :
BNA_P
ClientSampleId :
G1(0-6)

Tgt Ion:264 Resp: 2972792

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.1	17.7	26.5

