

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025131.D
 Acq On : 14 Jul 2025 22:37
 Operator : CG/JU
 Sample : Q2489-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 G1(6-12)

Quant Time: Jul 15 01:18:01 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)

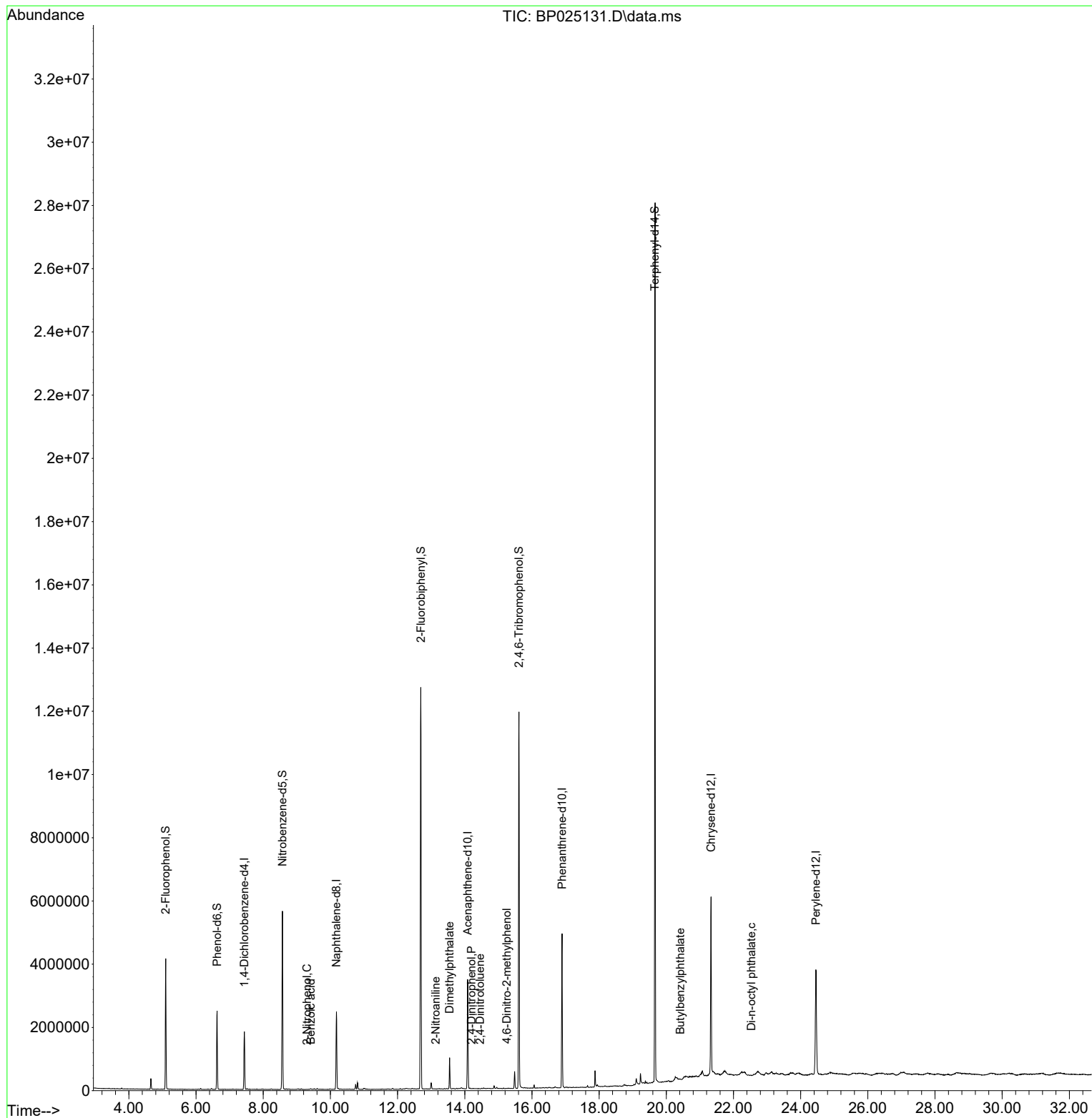
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	531125	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2076991	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1344648	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2827396	20.000	ng	-0.01
76) Chrysene-d12	21.330	240	3084340	20.000	ng	-0.01
86) Perylene-d12	24.454	264	3156203	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1805233	60.223	ng	0.00
7) Phenol-d6	6.625	99	1388530	35.496	ng	0.00
23) Nitrobenzene-d5	8.572	82	3055028	97.822	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2547542	160.376	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	7671996	88.389	ng	0.00
79) Terphenyl-d14	19.660	244	11579379	82.511	ng	-0.01
Target Compounds					Qvalue	
26) 2-Nitrophenol	9.302	139	17	3.303	ng	# 1
32) Benzoic acid	9.413	122	6068	6.446	ng	99
48) 2-Nitroaniline	13.137	65	160	2.773	ng	# 50
50) Dimethylphthalate	13.548	163	592398	6.294	ng	100
54) 2,4-Dinitrophenol	14.201	184	66	5.392	ng	# 1
57) 2,4-Dinitrotoluene	14.454	165	186	2.643	ng	# 94
65) 4,6-Dinitro-2-methylph...	15.248	198	6	5.579	ng	# 1
80) Butylbenzylphthalate	20.419	149	2742	3.716	ng	# 59
85) Di-n-octyl phthalate	22.530	149	795	6.102	ng	# 72

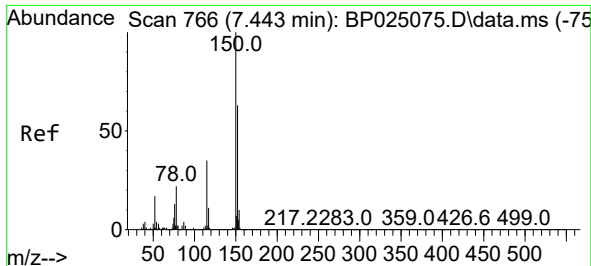
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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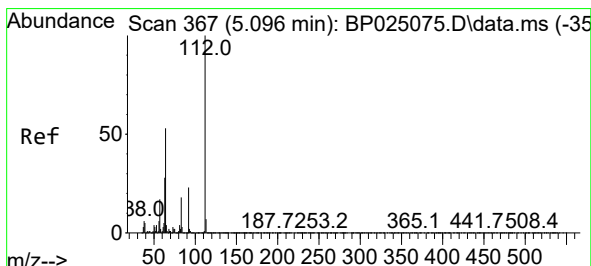
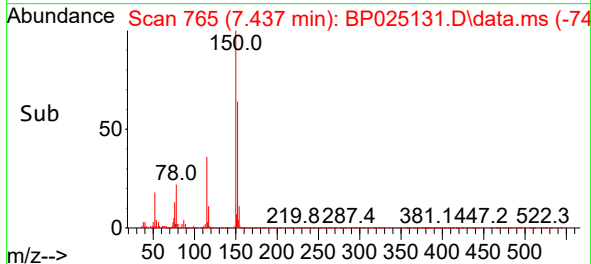
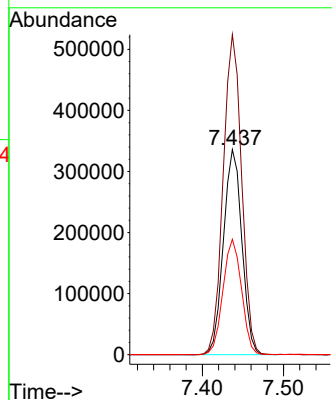
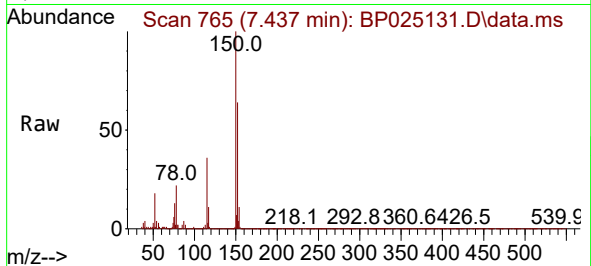




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.437 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BP025131.D
 Acq: 14 Jul 2025 22:37

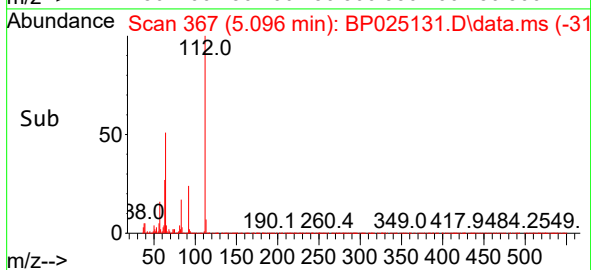
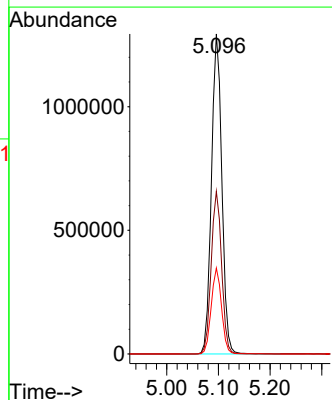
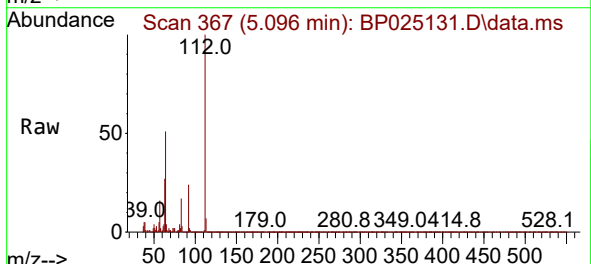
Instrument :
 BNA_P
 ClientSampleId :
 G1(6-12)

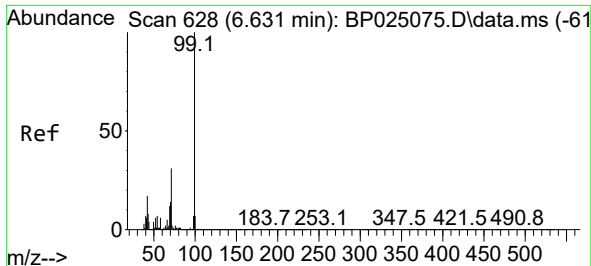
Tgt Ion:152 Resp: 531125
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.1 189.1
 115 56.2 44.3 66.5



#5
 2-Fluorophenol
 Concen: 60.223 ng
 RT: 5.096 min Scan# 367
 Delta R.T. 0.000 min
 Lab File: BP025131.D
 Acq: 14 Jul 2025 22:37

Tgt Ion:112 Resp: 1805233
 Ion Ratio Lower Upper
 112 100
 64 50.8 42.0 63.0
 63 26.9 22.2 33.2

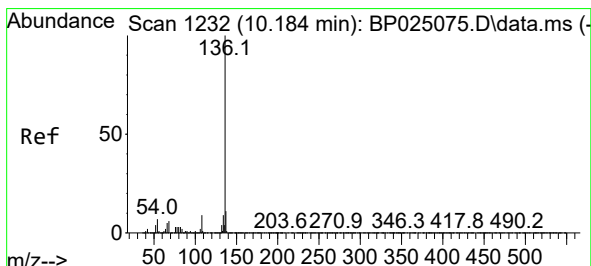
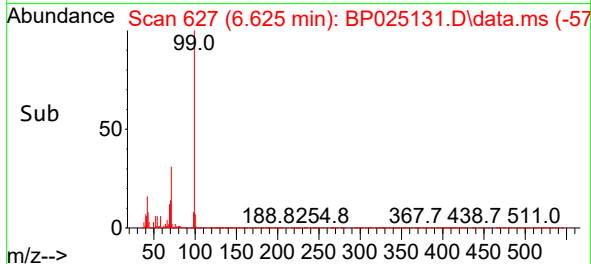
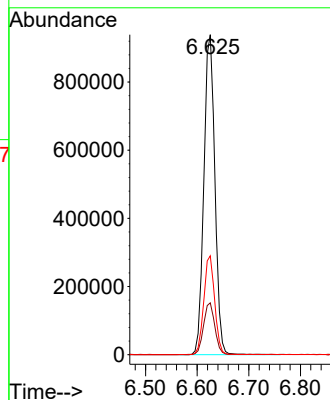
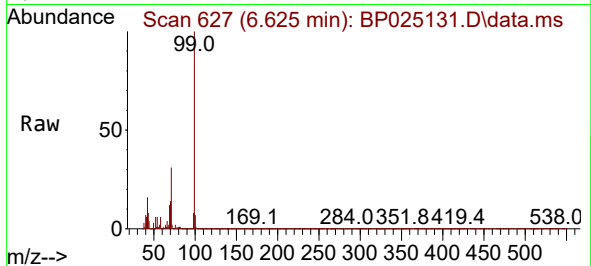




#7
Phenol-d6
Concen: 35.496 ng
RT: 6.625 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

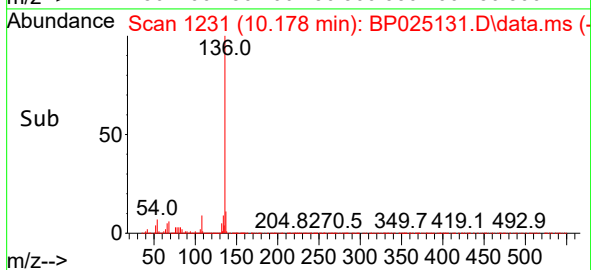
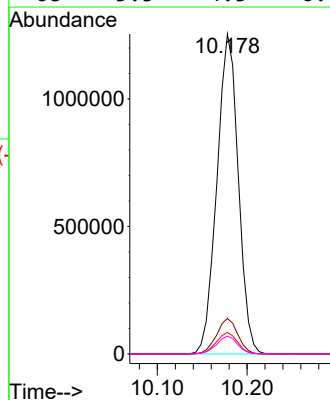
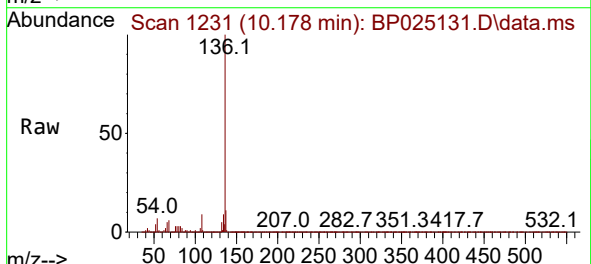
Instrument :
BNA_P
ClientSampleId :
G1(6-12)

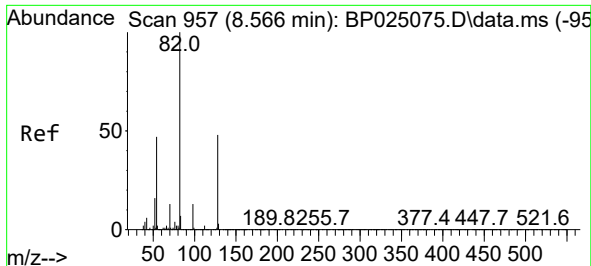
Tgt Ion: 99 Resp: 1388530
Ion Ratio Lower Upper
99 100
42 16.2 13.6 20.4
71 30.9 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

Tgt Ion:136 Resp: 2076991
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.8 5.4 8.2
68 5.5 4.5 6.7

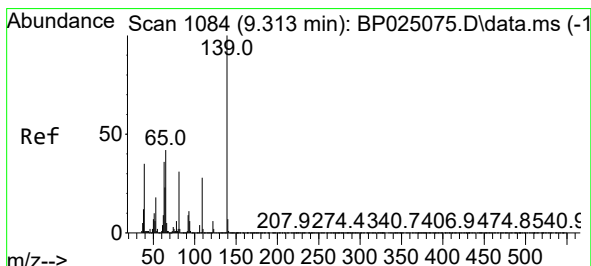
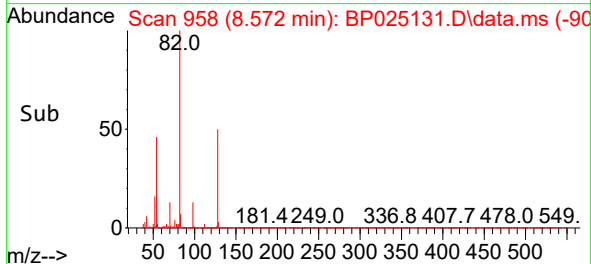
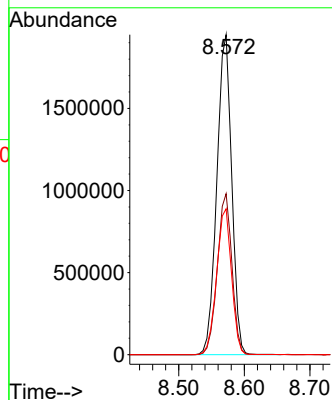
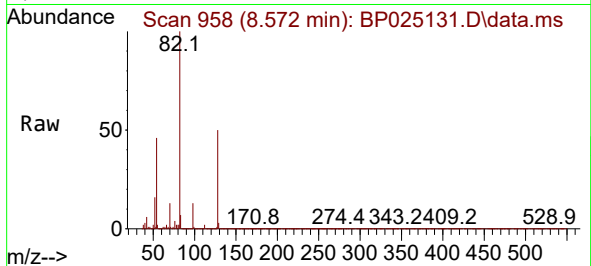




#23
Nitrobenzene-d5
Concen: 97.822 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

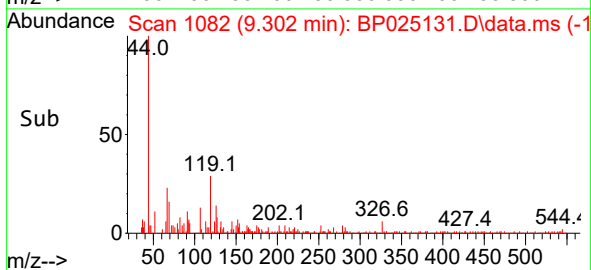
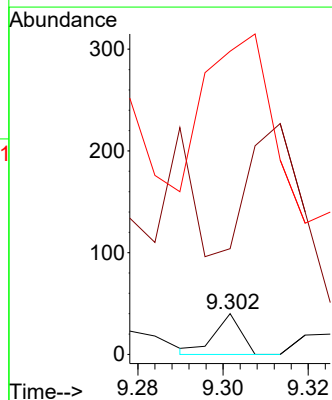
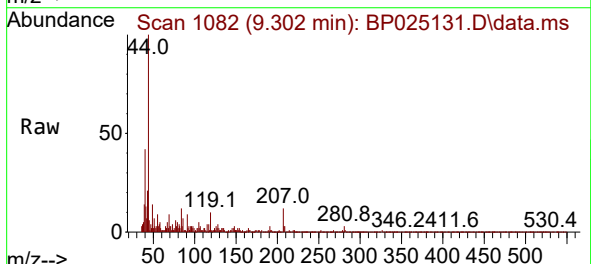
Instrument :
BNA_P
ClientSampleId :
G1(6-12)

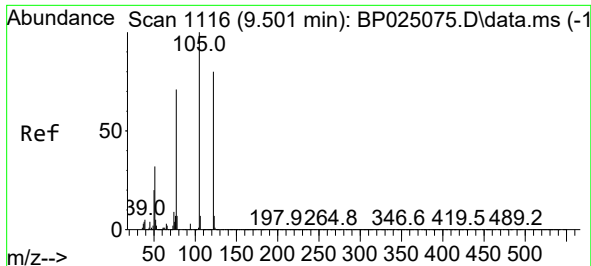
Tgt Ion: 82 Resp: 3055028
Ion Ratio Lower Upper
82 100
128 50.3 38.4 57.6
54 45.6 37.8 56.6



#26
2-Nitrophenol
Concen: 3.303 ng
RT: 9.302 min Scan# 1082
Delta R.T. -0.011 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

Tgt Ion:139 Resp: 17
Ion Ratio Lower Upper
139 100
109 260.0 22.3 33.5#
65 745.0 33.8 50.8#

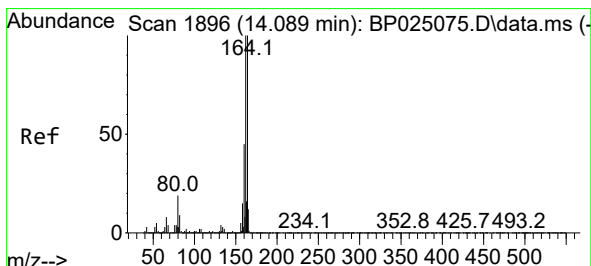
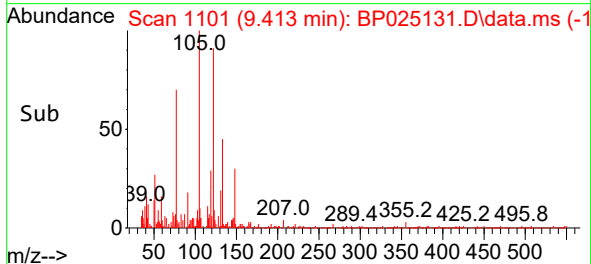
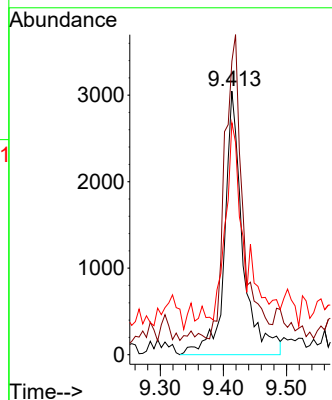
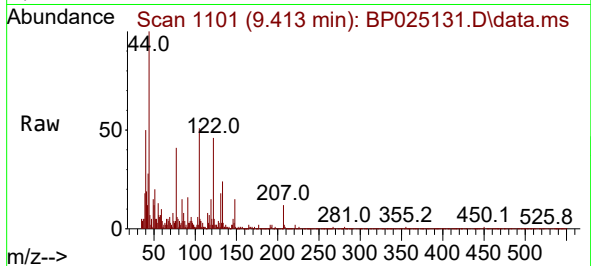




#32
Benzoic acid
Concen: 6.446 ng
RT: 9.413 min Scan# 1116
Delta R.T. -0.088 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

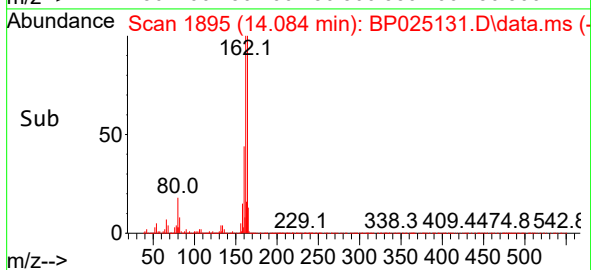
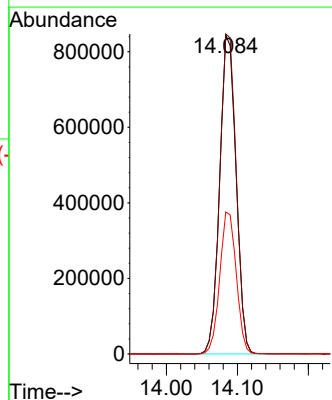
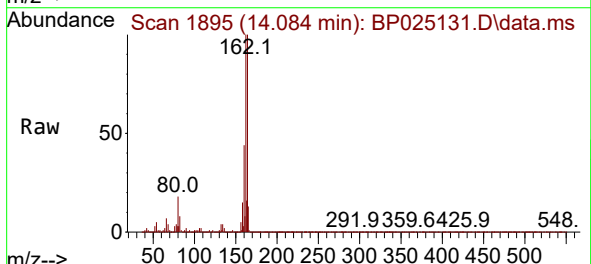
Instrument :
BNA_P
ClientSampleId :
G1(6-12)

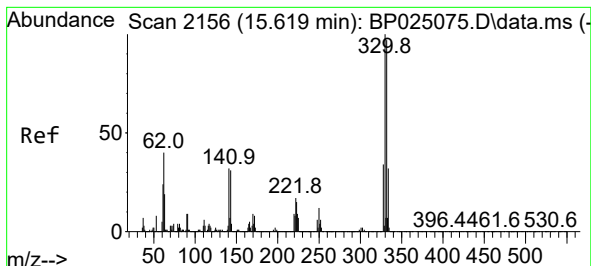
Tgt Ion:122 Resp: 6068
Ion Ratio Lower Upper
122 100
105 122.2 101.0 141.0
77 88.0 67.6 107.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

Tgt Ion:164 Resp: 1344648
Ion Ratio Lower Upper
164 100
162 100.3 80.3 120.5
160 44.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 160.376 ng

RT: 15.613 min Scan# 2156

Delta R.T. -0.006 min

Lab File: BP025131.D

Acq: 14 Jul 2025 22:37

Instrument :

BNA_P

ClientSampleId :

G1(6-12)

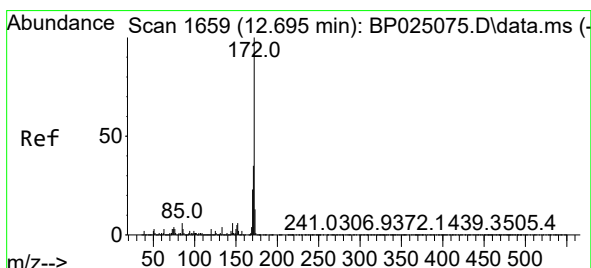
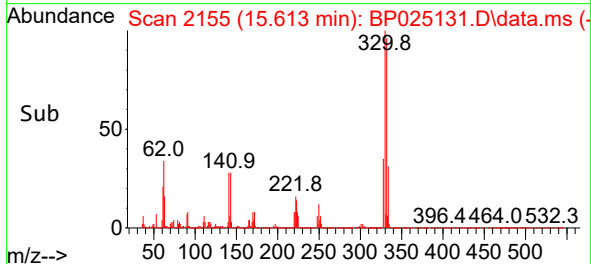
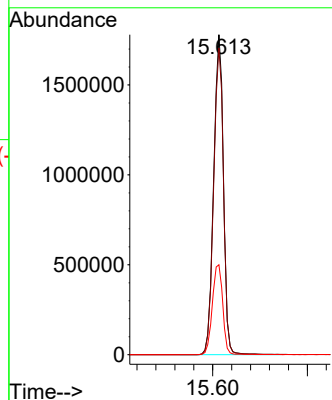
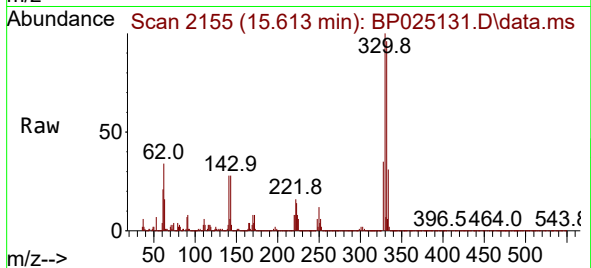
Tgt Ion:330 Resp: 2547542

Ion Ratio Lower Upper

330 100

332 96.6 77.7 116.5

141 30.0 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 88.389 ng

RT: 12.690 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP025131.D

Acq: 14 Jul 2025 22:37

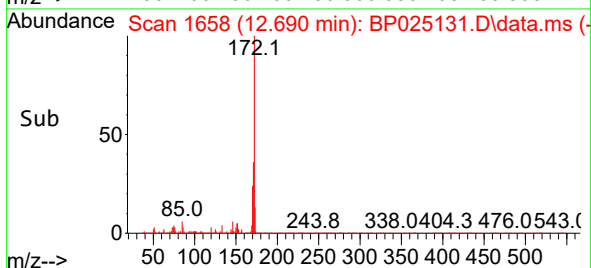
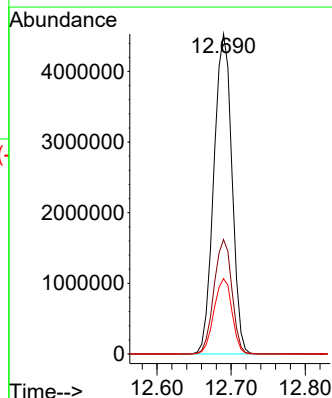
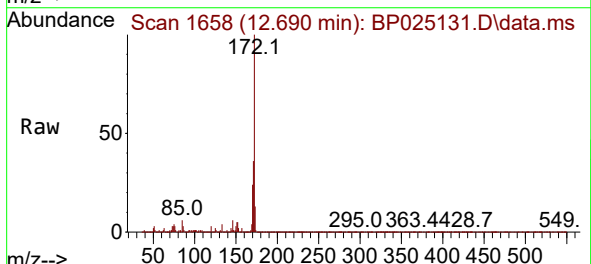
Tgt Ion:172 Resp: 7671996

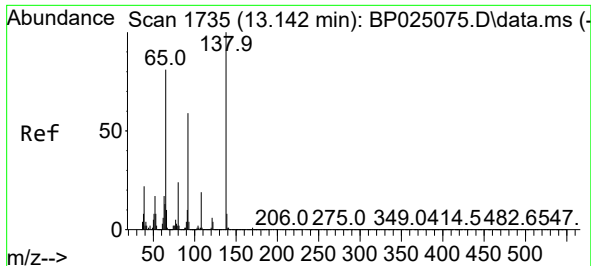
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 23.6 18.7 28.1

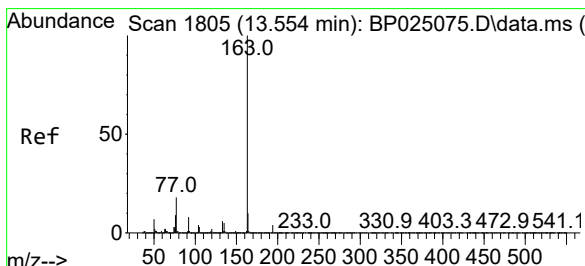
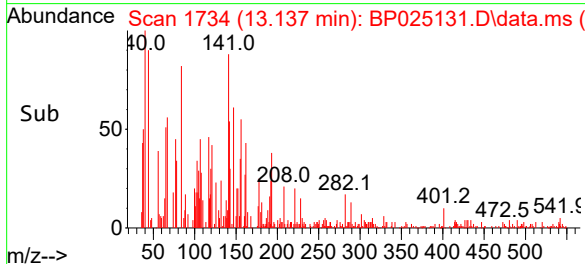
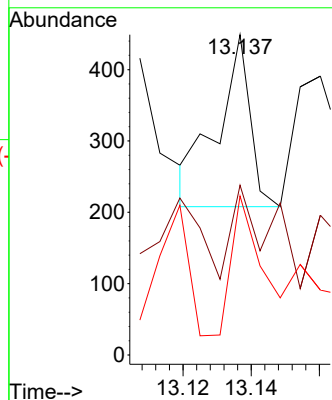
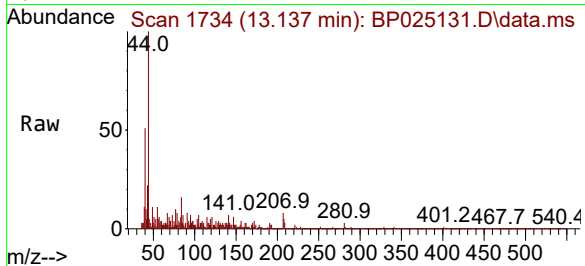




#48
2-Nitroaniline
Concen: 2.773 ng
RT: 13.137 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

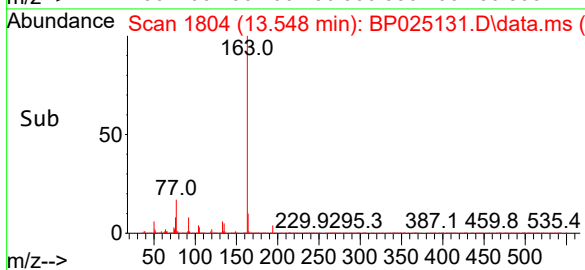
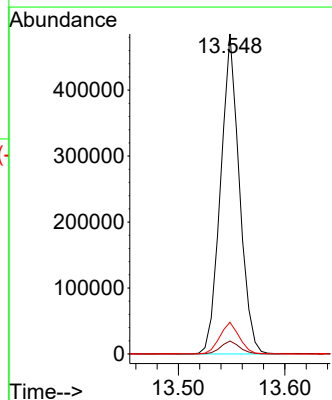
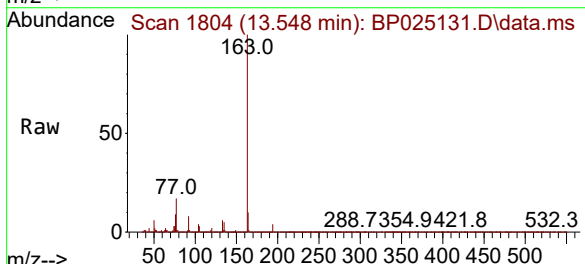
Instrument :
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G1(6-12)

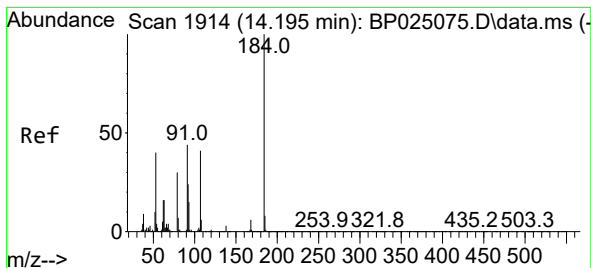
Tgt Ion: 65 Resp: 160
Ion Ratio Lower Upper
65 100
92 53.0 58.7 88.1#
138 49.7 99.0 148.4#



#50
Dimethylphthalate
Concen: 6.294 ng
RT: 13.548 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

Tgt Ion: 163 Resp: 592398
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.9 8.0 12.0

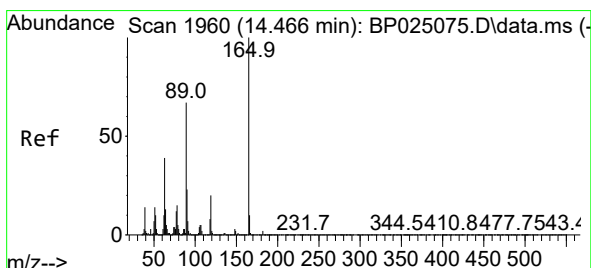
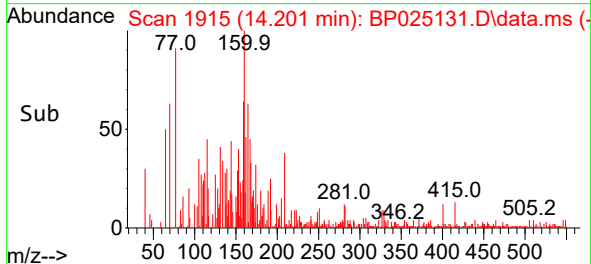
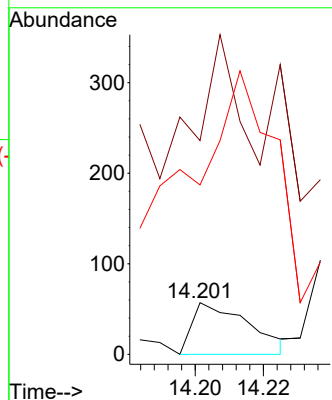
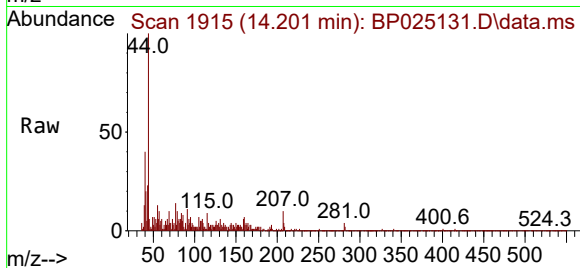




#54
2,4-Dinitrophenol
Concen: 5.392 ng
RT: 14.201 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

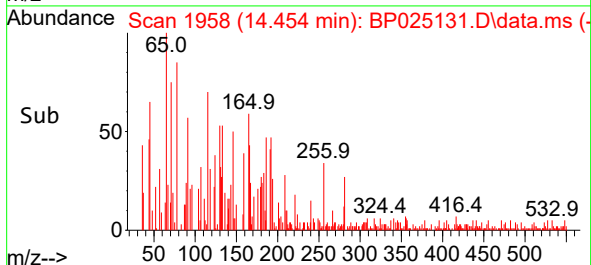
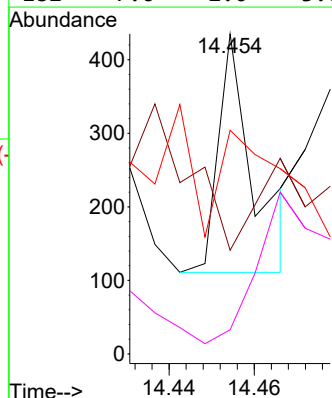
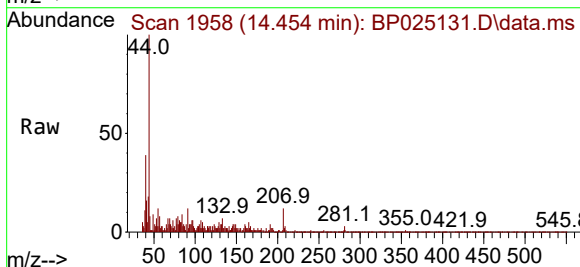
Instrument :
BNA_P
ClientSampleId :
G1(6-12)

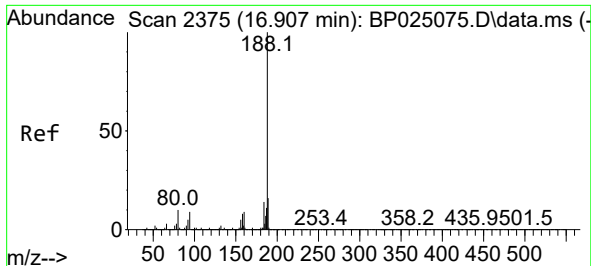
Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 414.0 47.4 71.0#
154 328.1 47.8 71.8#



#57
2,4-Dinitrotoluene
Concen: 2.643 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

Tgt Ion:165 Resp: 186
Ion Ratio Lower Upper
165 100
63 44.4 31.0 46.4
89 69.9 53.4 80.0
182 7.6 2.0 3.0#

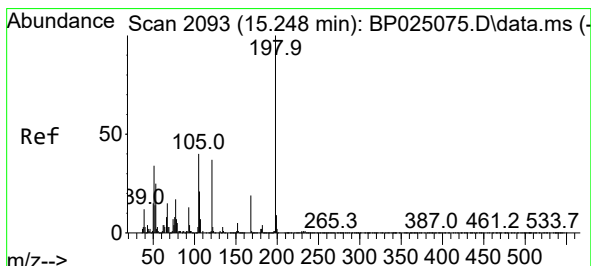
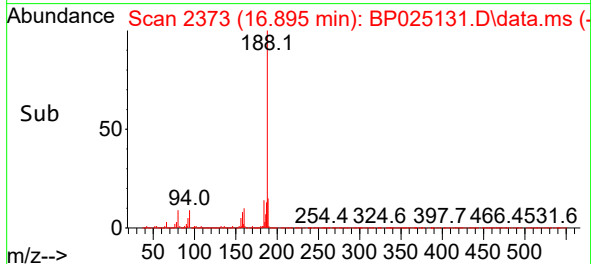
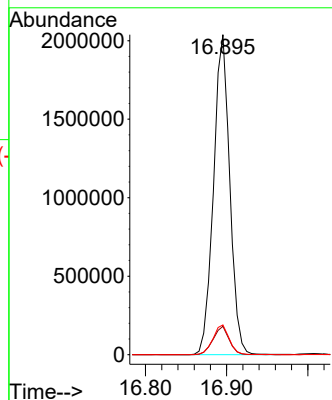
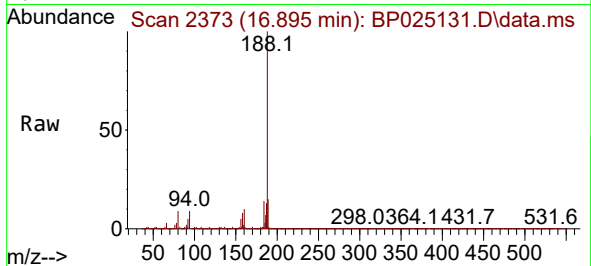




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

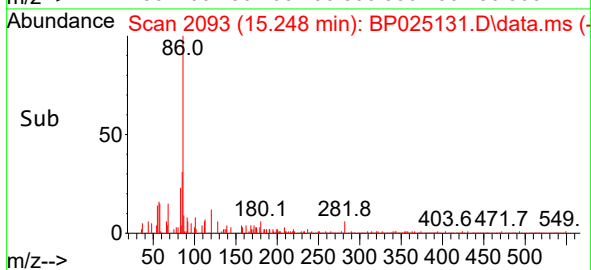
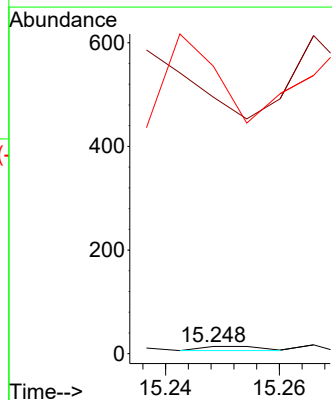
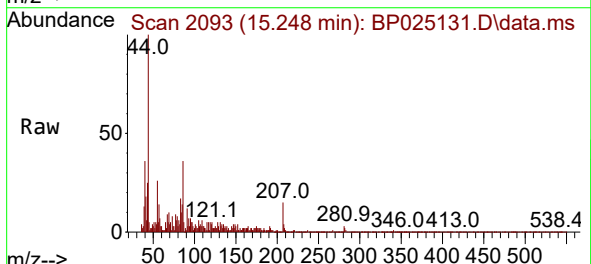
Instrument :
BNA_P
ClientSampleId :
G1(6-12)

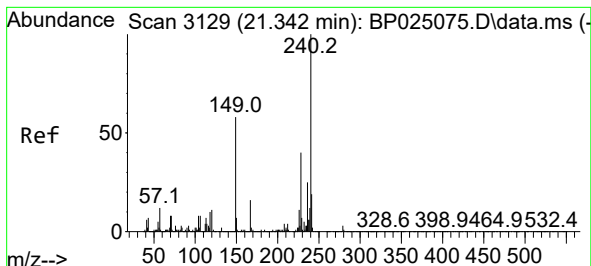
Tgt Ion:188 Resp: 2827396
Ion Ratio Lower Upper
188 100
94 8.9 7.3 10.9
80 9.3 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 5.579 ng
RT: 15.248 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BP025131.D
Acq: 14 Jul 2025 22:37

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 3535.7 16.8 56.8#
105 3964.3 20.8 60.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.330 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BP025131.D

Acq: 14 Jul 2025 22:37

Instrument :

BNA_P

ClientSampleId :

G1(6-12)

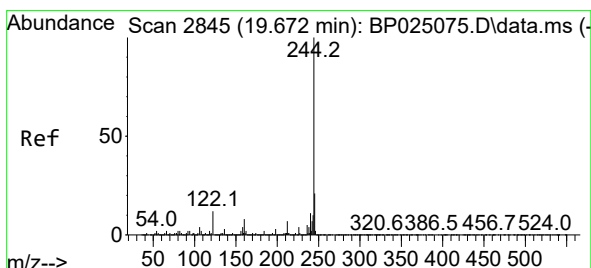
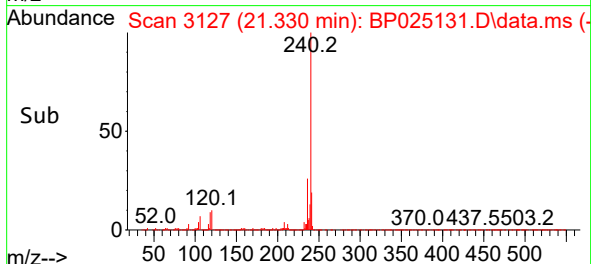
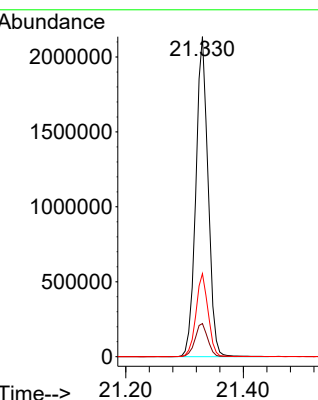
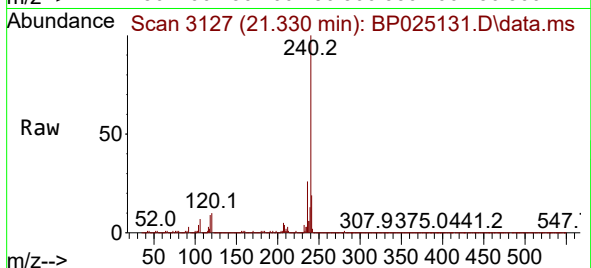
Tgt Ion:240 Resp: 3084340

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.4

236 26.0 20.3 30.5



#79

Terphenyl-d14

Concen: 82.511 ng

RT: 19.660 min Scan# 2843

Delta R.T. -0.012 min

Lab File: BP025131.D

Acq: 14 Jul 2025 22:37

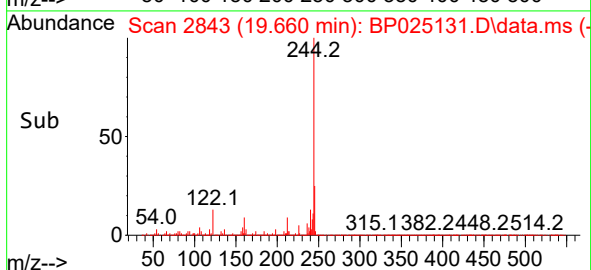
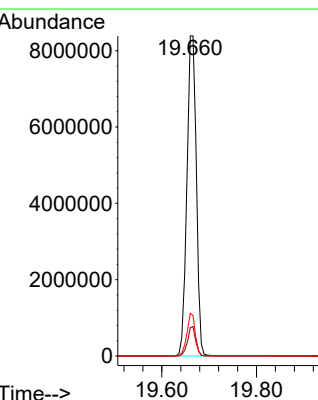
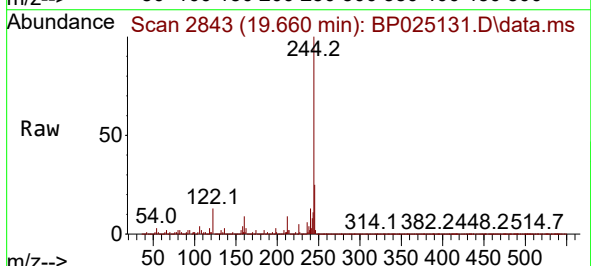
Tgt Ion:244 Resp:11579379

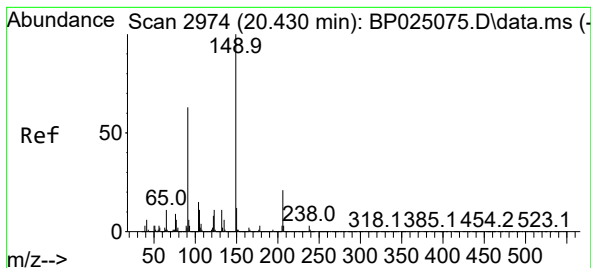
Ion Ratio Lower Upper

244 100

212 8.8 5.9 8.9

122 13.3 9.4 14.2





#80

Butylbenzylphthalate

Concen: 3.716 ng

RT: 20.419 min Scan# 2972

Delta R.T. -0.011 min

Lab File: BP025131.D

Acq: 14 Jul 2025 22:37

Instrument :

BNA_P

ClientSampleId :

G1(6-12)

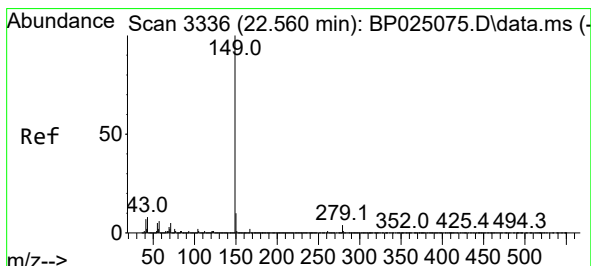
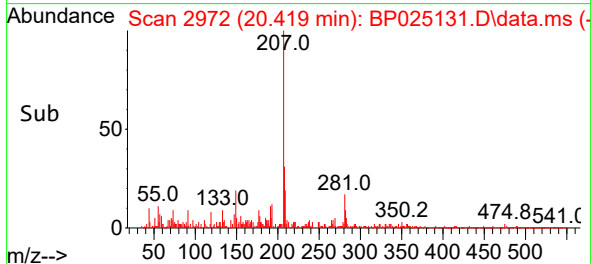
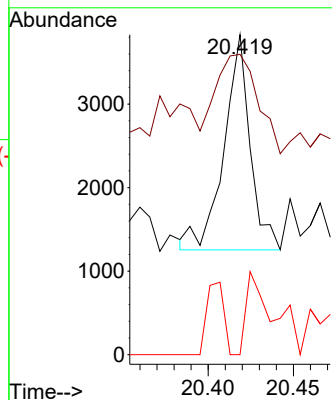
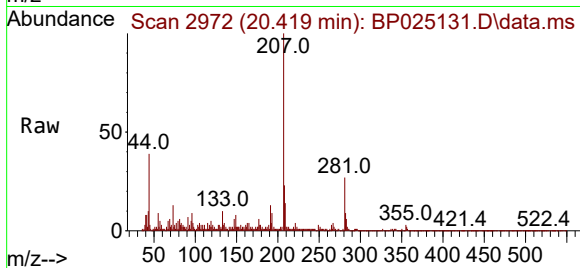
Tgt Ion:149 Resp: 2742

Ion Ratio Lower Upper

149 100

91 93.9 50.6 76.0#

206 0.0 17.2 25.8#



#85

Di-n-octyl phthalate

Concen: 6.102 ng

RT: 22.530 min Scan# 3331

Delta R.T. -0.030 min

Lab File: BP025131.D

Acq: 14 Jul 2025 22:37

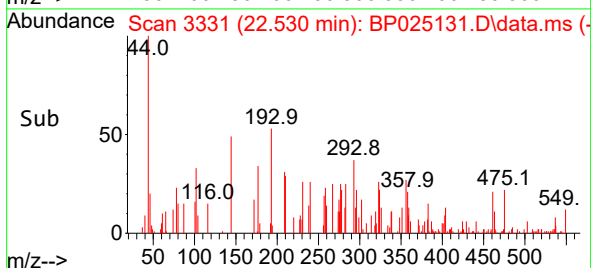
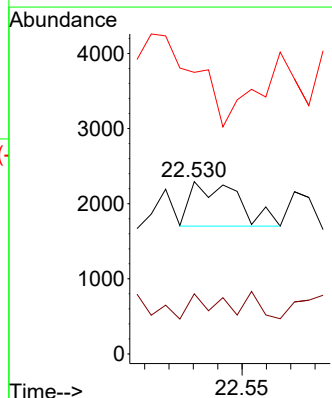
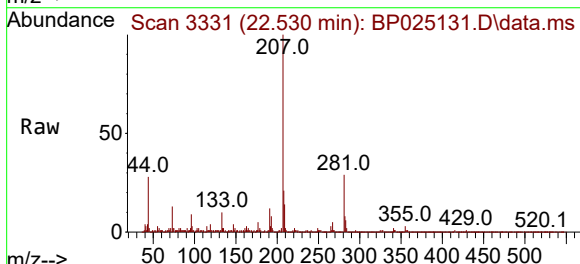
Tgt Ion:149 Resp: 795

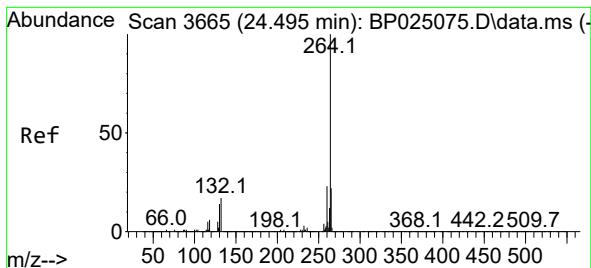
Ion Ratio Lower Upper

149 100

167 19.9 1.3 1.9#

43 0.0 6.9 10.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.454 min Scan# 3

Delta R.T. -0.041 min

Lab File: BP025131.D

Acq: 14 Jul 2025 22:37

Instrument :

BNA_P

ClientSampleId :

G1(6-12)

Tgt Ion:264 Resp: 3156203

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.7 17.7 26.5

