

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025167.D
 Acq On : 16 Jul 2025 21:04
 Operator : CG/JU
 Sample : Q2589-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-06-071125

Quant Time: Jul 17 01:11:21 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)

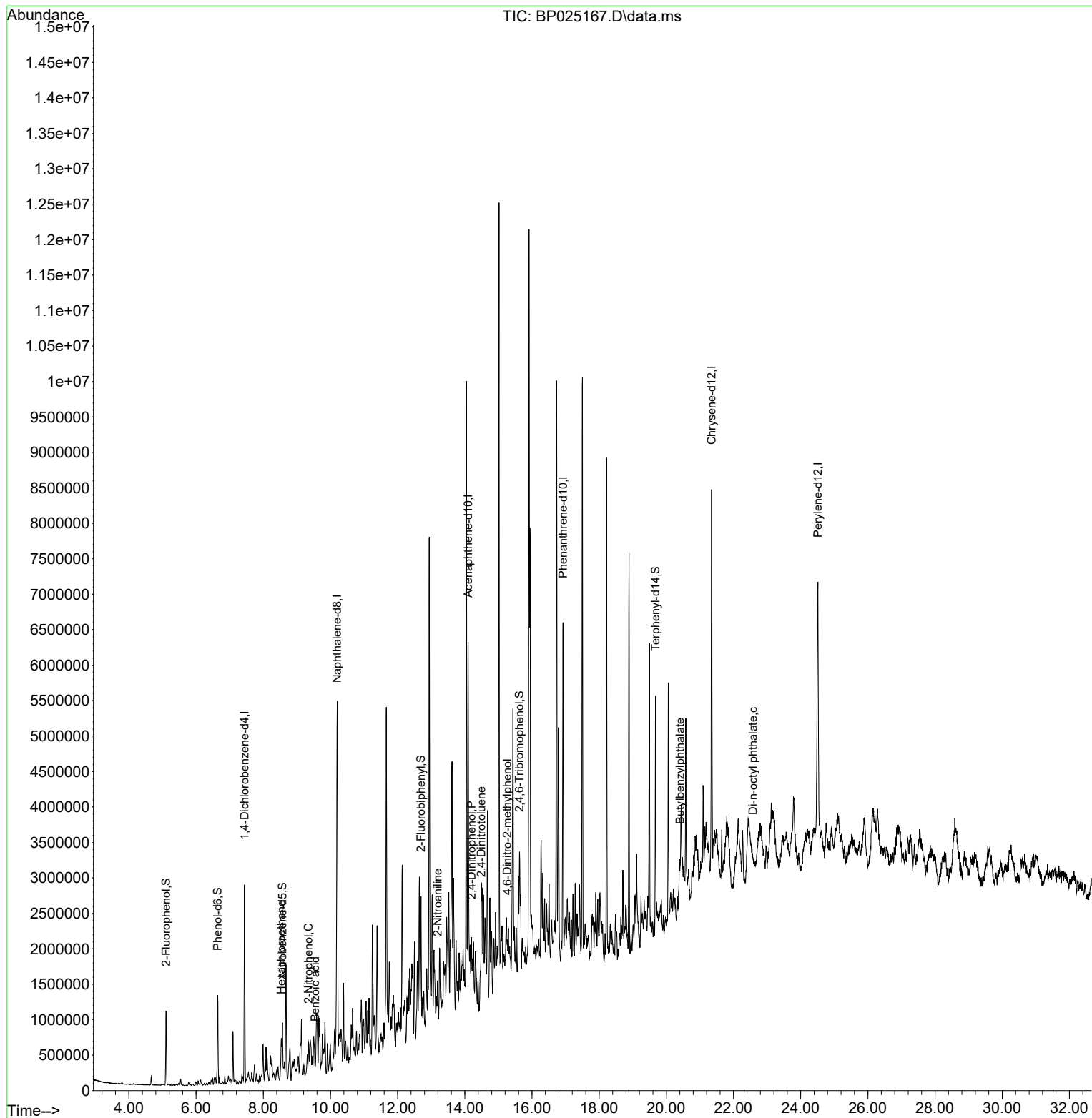
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	672964	20.000	ng	0.00
21) Naphthalene-d8	10.195	136	2577975	20.000	ng	0.01
39) Acenaphthene-d10	14.101	164	1547999	20.000	ng	0.01
64) Phenanthrene-d10	16.925	188	2910089	20.000	ng	0.02
76) Chrysene-d12	21.348	240	3063338	20.000	ng	0.00
86) Perylene-d12	24.512	264	3652410	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	487071	12.824	ng	0.01
7) Phenol-d6	6.643	99	635818	12.828	ng	0.01
23) Nitrobenzene-d5	8.572	82	363081	9.367	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	284538	15.560	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	948919	9.496	ng	0.00
79) Terphenyl-d14	19.677	244	1367191	9.809	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.537	117	46168	2.943	ng	# 1
26) 2-Nitrophenol	9.343	139	5250	3.557	ng	# 1
32) Benzoic acid	9.548	122	1026	6.237	ng	# 1
48) 2-Nitroaniline	13.189	65	6426	3.056	ng	# 3
54) 2,4-Dinitrophenol	14.201	184	680	5.446	ng	# 1
57) 2,4-Dinitrotoluene	14.489	165	10426	2.955	ng	# 67
65) 4,6-Dinitro-2-methylph...	15.266	198	418	5.607	ng	# 1
80) Butylbenzylphthalate	20.407	149	7140	3.772	ng	# 57
85) Di-n-octyl phthalate	22.583	149	5037	6.123	ng	# 79

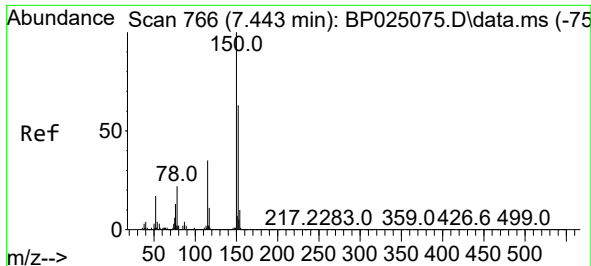
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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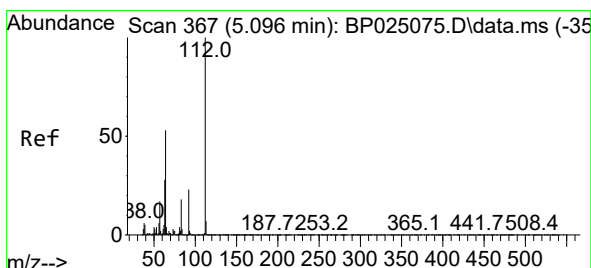
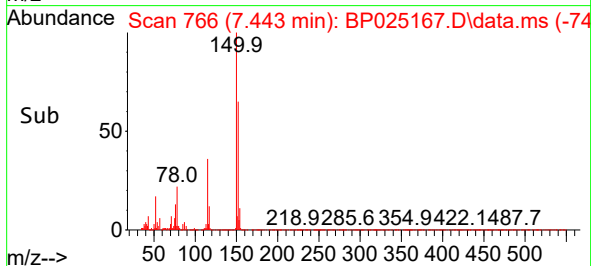
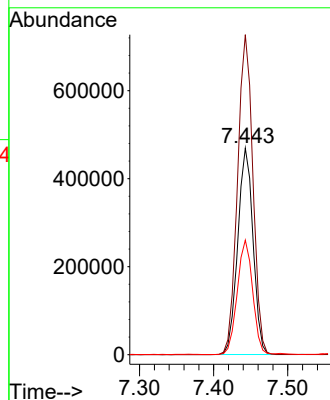
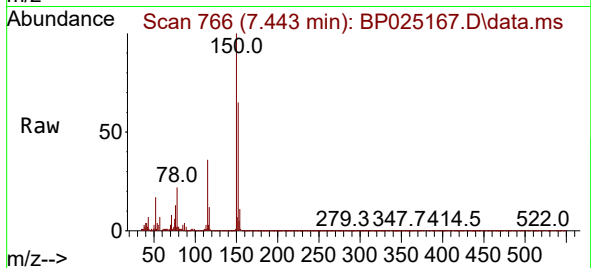




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

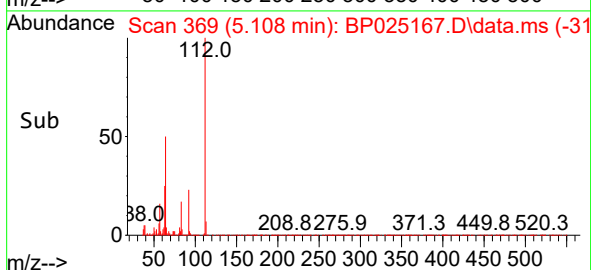
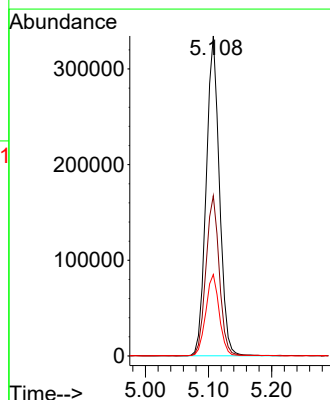
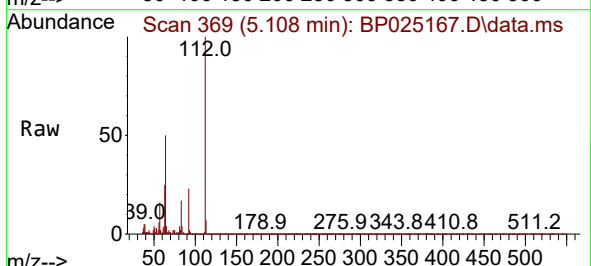
Instrument :
BNA_P
ClientSampleId :
AU-06-071125

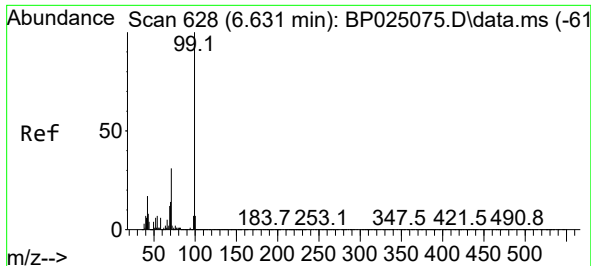
Tgt Ion:152 Resp: 672964
Ion Ratio Lower Upper
152 100
150 154.9 126.1 189.1
115 55.4 44.3 66.5



#5
2-Fluorophenol
Concen: 12.824 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.012 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

Tgt Ion:112 Resp: 487071
Ion Ratio Lower Upper
112 100
64 50.1 42.0 63.0
63 25.4 22.2 33.2

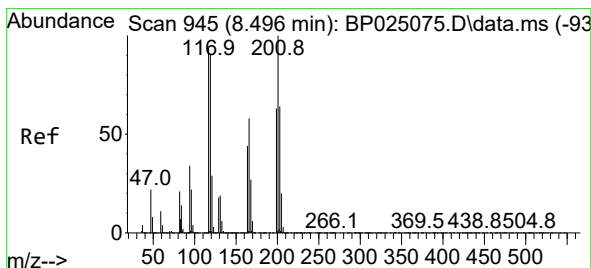
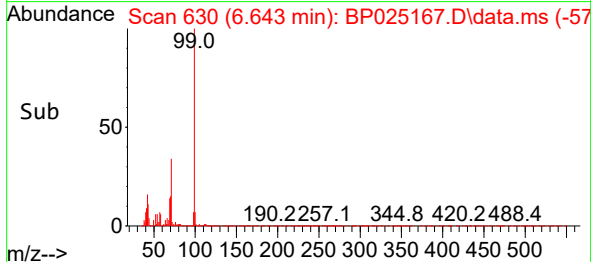
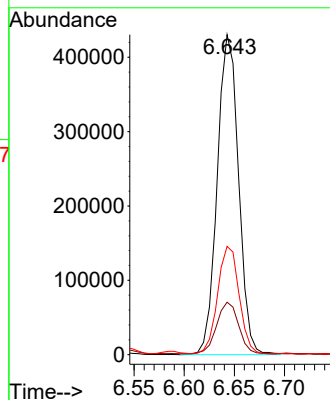
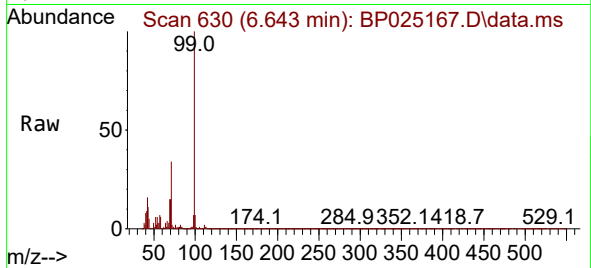




#7
Phenol-d6
Concen: 12.828 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

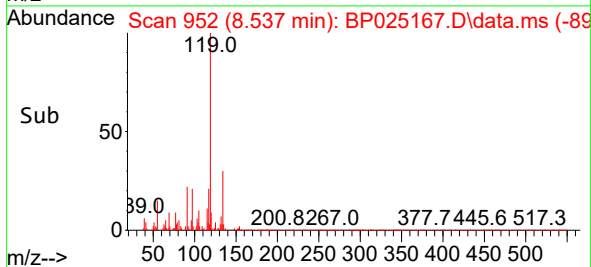
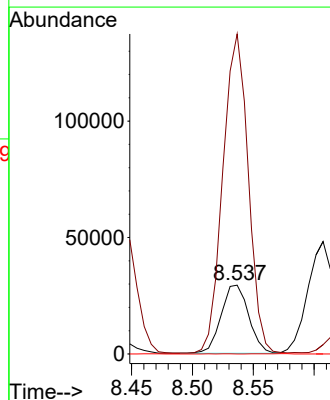
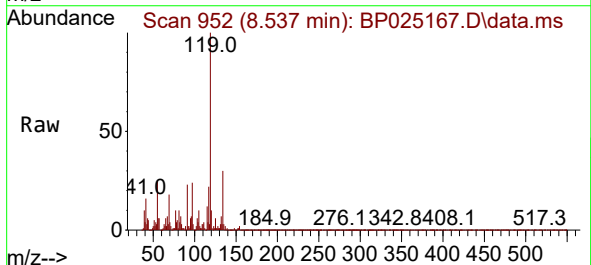
Instrument :
BNA_P
ClientSampleId :
AU-06-071125

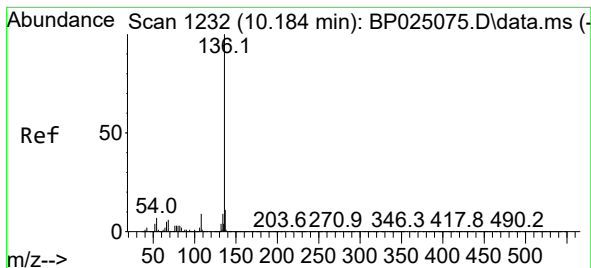
Tgt Ion: 99 Resp: 635818
Ion Ratio Lower Upper
99 100
42 16.4 13.6 20.4
71 33.8 24.4 36.6



#18
Hexachloroethane
Concen: 2.943 ng
RT: 8.537 min Scan# 952
Delta R.T. 0.041 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

Tgt Ion: 117 Resp: 46168
Ion Ratio Lower Upper
117 100
119 464.8 76.6 115.0#
201 0.0 85.4 128.2#



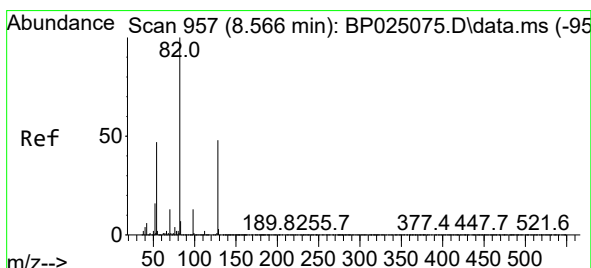
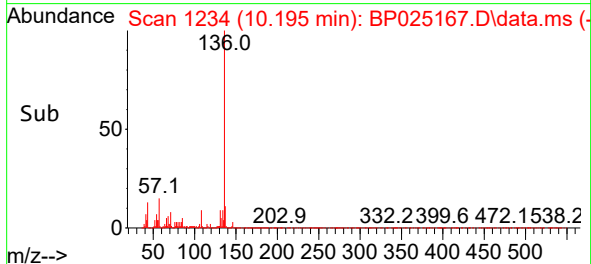
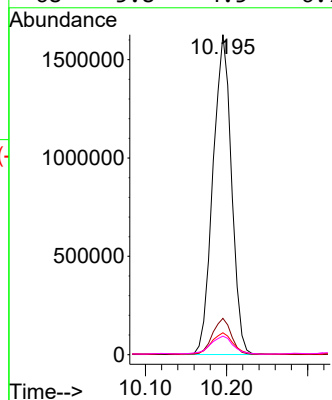
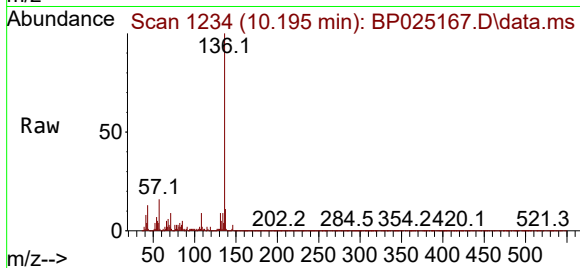


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.195 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Tgt Ion: 136 Resp: 2577975

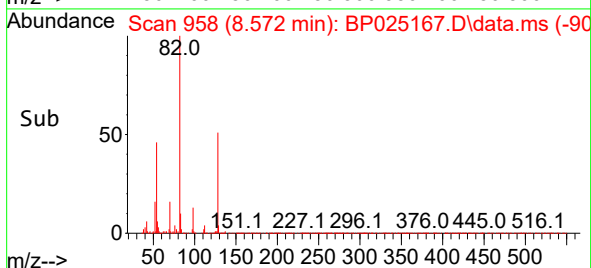
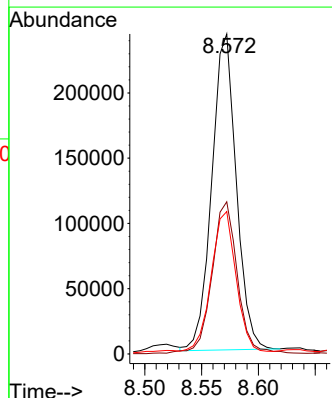
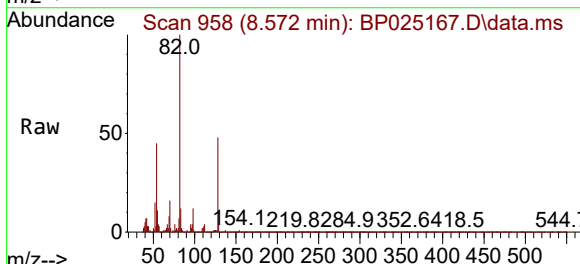
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	6.8	5.4	8.2
68	5.8	4.5	6.7

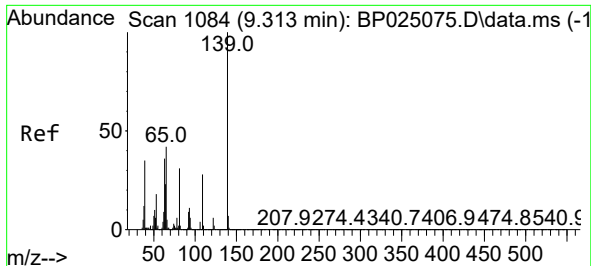


#23
Nitrobenzene-d5
Concen: 9.367 ng
RT: 8.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

Tgt Ion: 82 Resp: 363081

Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.4	57.6
54	44.5	37.8	56.6

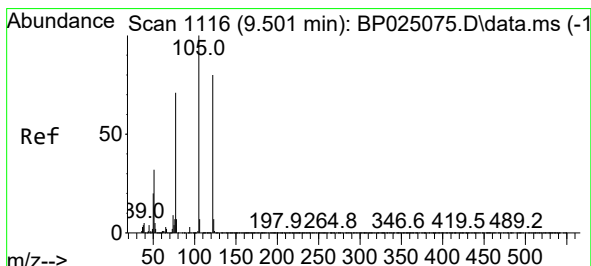
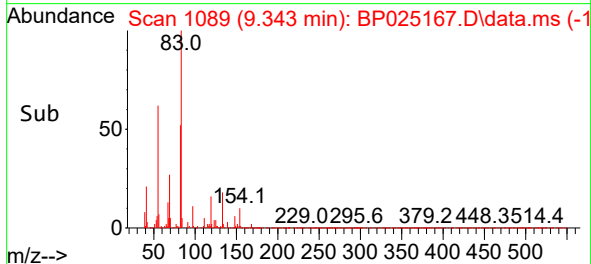
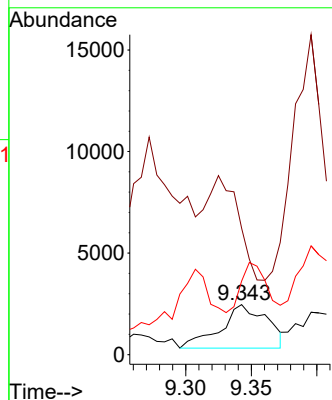
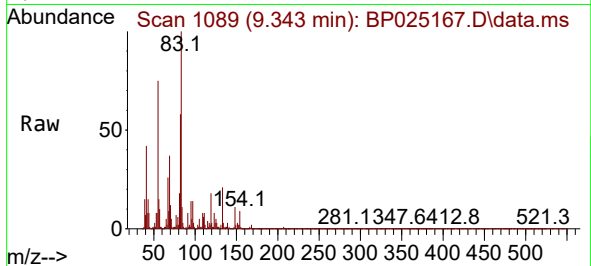




#26
2-Nitrophenol
Concen: 3.557 ng
RT: 9.343 min Scan# 1089
Delta R.T. 0.030 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

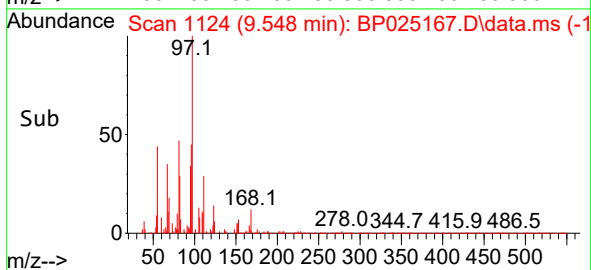
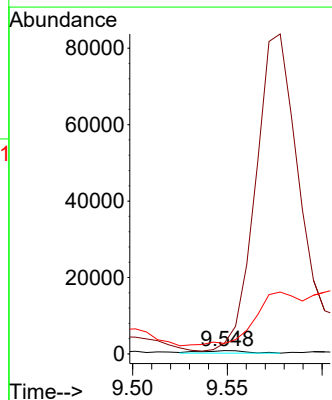
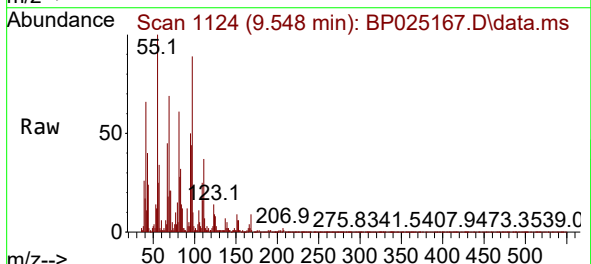
Instrument :
BNA_P
ClientSampleId :
AU-06-071125

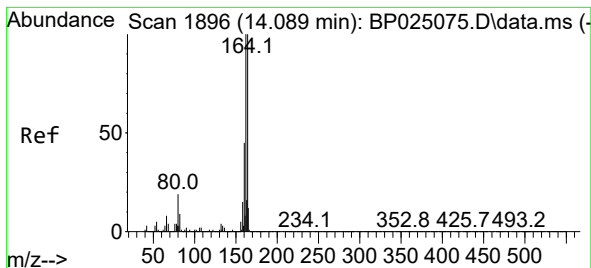
Tgt Ion:139 Resp: 5250
Ion Ratio Lower Upper
139 100
109 252.0 22.3 33.5#
65 146.7 33.8 50.8#



#32
Benzoic acid
Concen: 6.237 ng
RT: 9.548 min Scan# 1124
Delta R.T. 0.047 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

Tgt Ion:122 Resp: 1026
Ion Ratio Lower Upper
122 100
105 323.7 101.0 141.0#
77 316.1 67.6 107.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.101 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP025167.D

Acq: 16 Jul 2025 21:04

Instrument :

BNA_P

ClientSampleId :

AU-06-071125

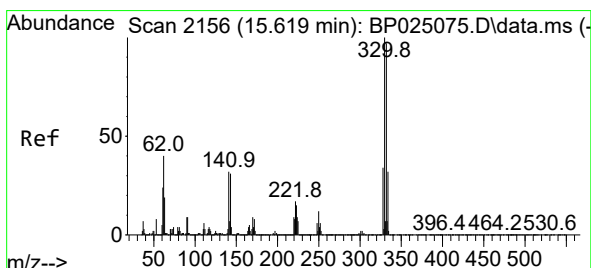
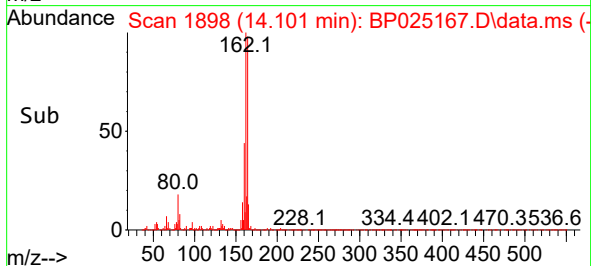
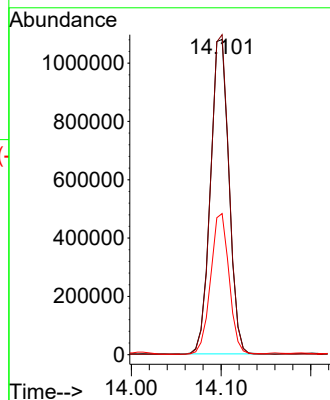
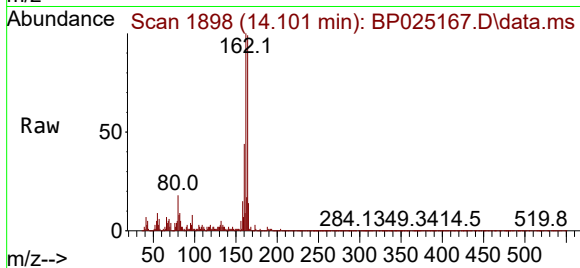
Tgt Ion:164 Resp: 1547999

Ion Ratio Lower Upper

164 100

162 101.5 80.3 120.5

160 44.8 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 15.560 ng

RT: 15.625 min Scan# 2157

Delta R.T. 0.006 min

Lab File: BP025167.D

Acq: 16 Jul 2025 21:04

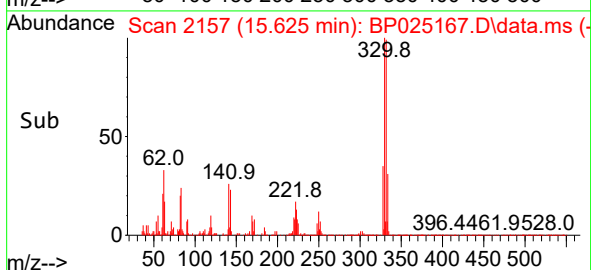
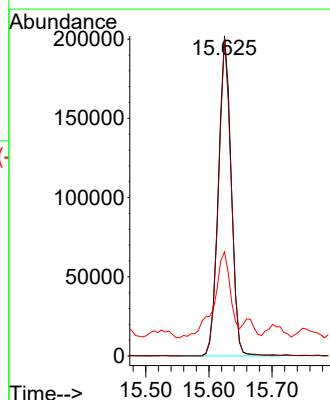
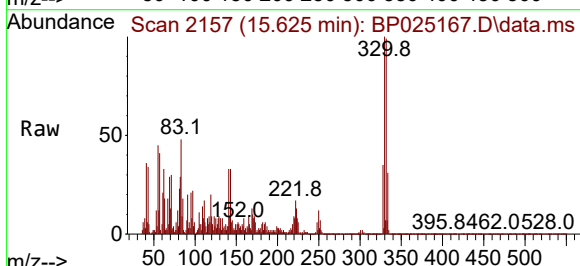
Tgt Ion:330 Resp: 284538

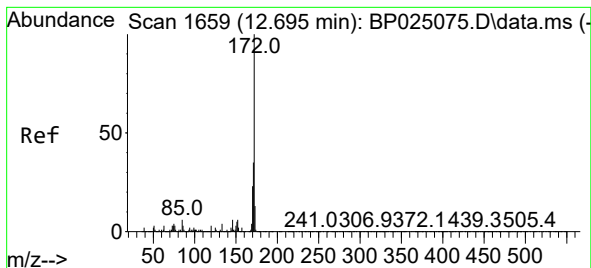
Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

141 34.4 26.0 39.0





#45

2-Fluorobiphenyl

Concen: 9.496 ng

RT: 12.695 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP025167.D

Acq: 16 Jul 2025 21:04

Instrument :

BNA_P

ClientSampleId :

AU-06-071125

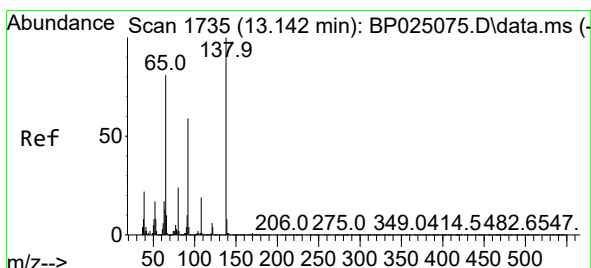
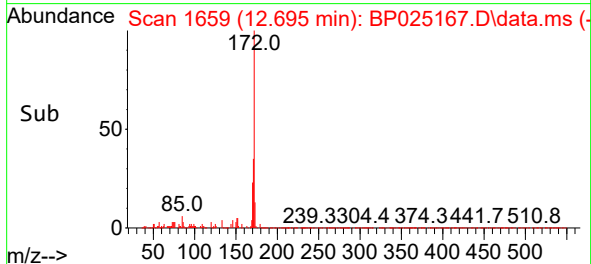
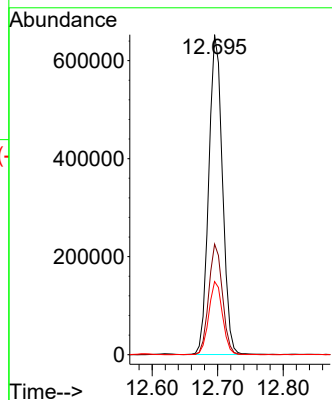
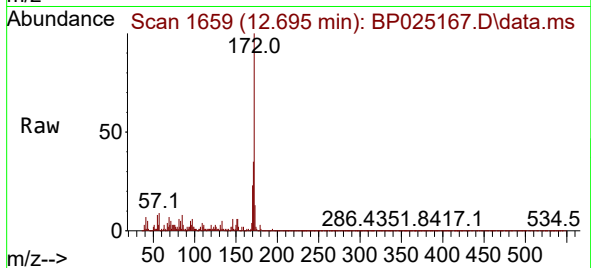
Tgt Ion:172 Resp: 948919

Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 22.9 18.7 28.1



#48

2-Nitroaniline

Concen: 3.056 ng

RT: 13.189 min Scan# 1743

Delta R.T. 0.047 min

Lab File: BP025167.D

Acq: 16 Jul 2025 21:04

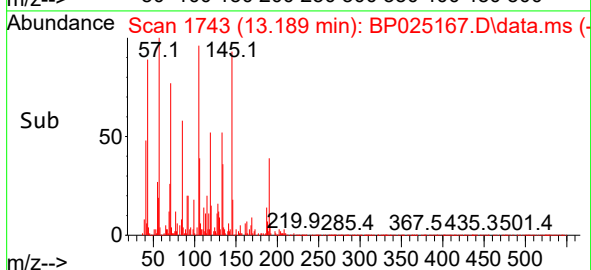
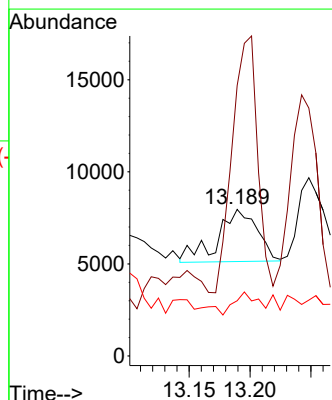
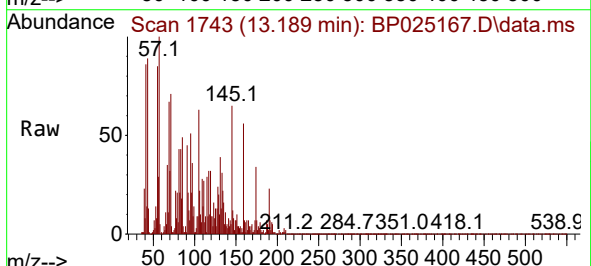
Tgt Ion: 65 Resp: 6426

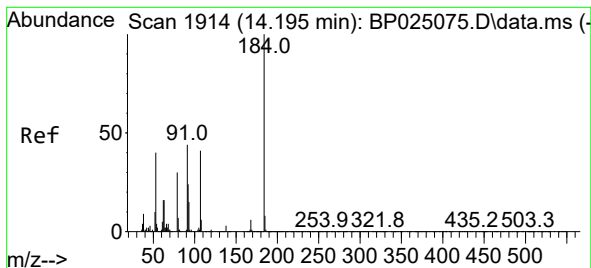
Ion Ratio Lower Upper

65 100

92 184.4 58.7 88.1#

138 37.7 99.0 148.4#

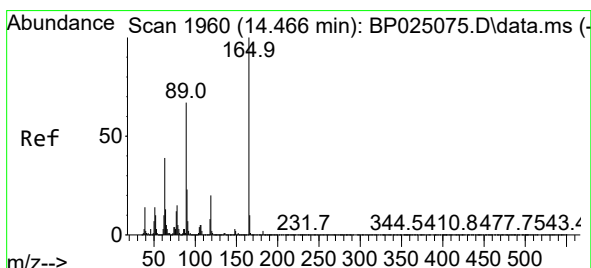
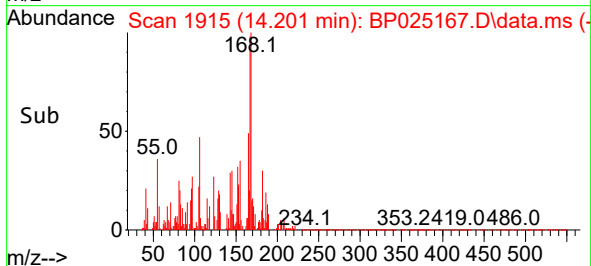
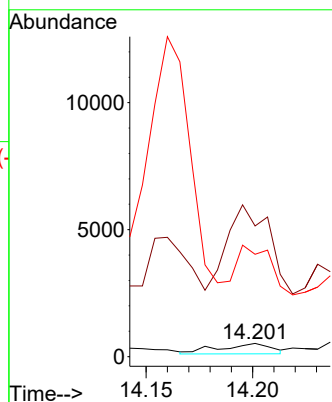
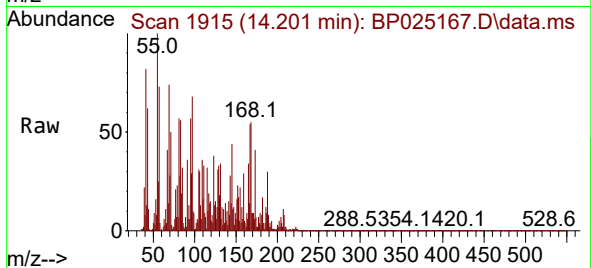




#54
2,4-Dinitrophenol
Concen: 5.446 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

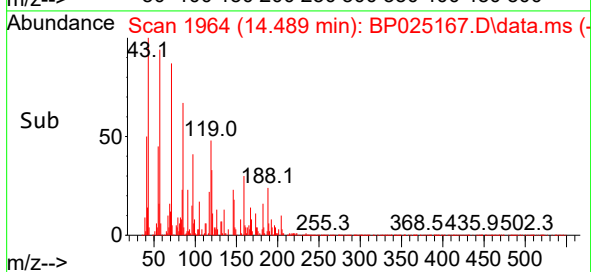
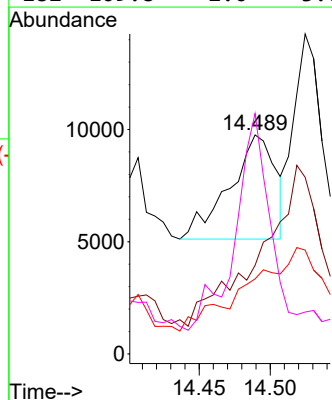
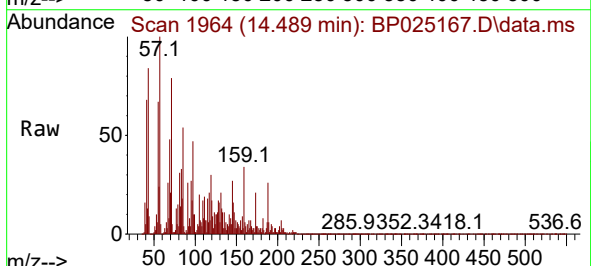
Instrument :
BNA_P
ClientSampleId :
AU-06-071125

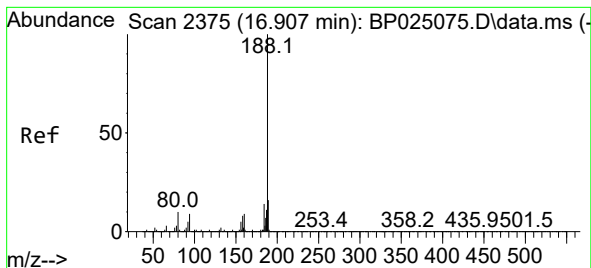
Tgt Ion:184 Resp: 680
Ion Ratio Lower Upper
184 100
63 988.3 47.4 71.0#
154 774.1 47.8 71.8#



#57
2,4-Dinitrotoluene
Concen: 2.955 ng
RT: 14.489 min Scan# 1964
Delta R.T. 0.023 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

Tgt Ion:165 Resp: 10426
Ion Ratio Lower Upper
165 100
63 40.5 31.0 46.4
89 34.2 53.4 80.0#
182 109.8 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.925 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025167.D

Acq: 16 Jul 2025 21:04

Instrument :

BNA_P

ClientSampleId :

AU-06-071125

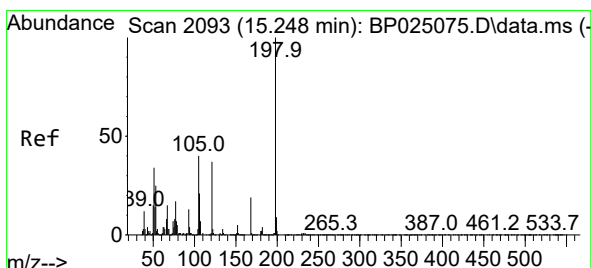
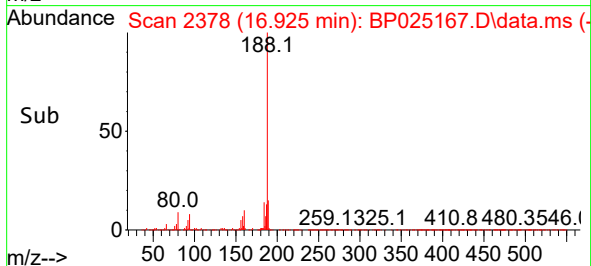
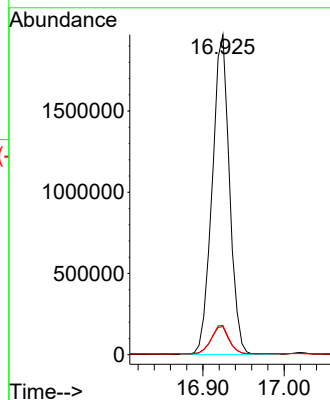
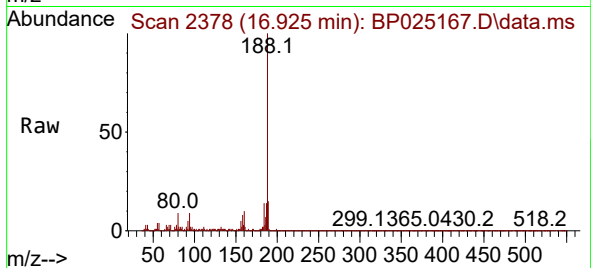
Tgt Ion:188 Resp: 2910089

Ion Ratio Lower Upper

188 100

94 8.7 7.3 10.9

80 9.2 7.8 11.6



#65

4,6-Dinitro-2-methylphenol

Concen: 5.607 ng

RT: 15.266 min Scan# 2096

Delta R.T. 0.018 min

Lab File: BP025167.D

Acq: 16 Jul 2025 21:04

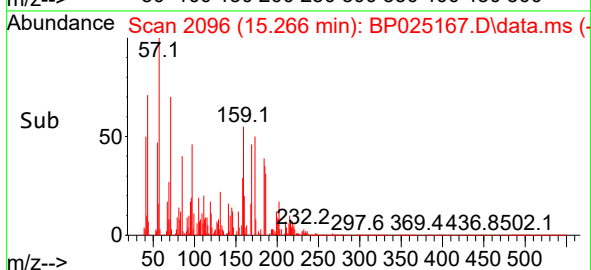
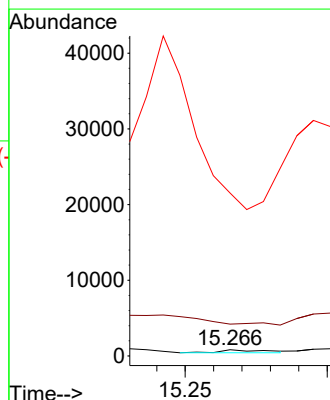
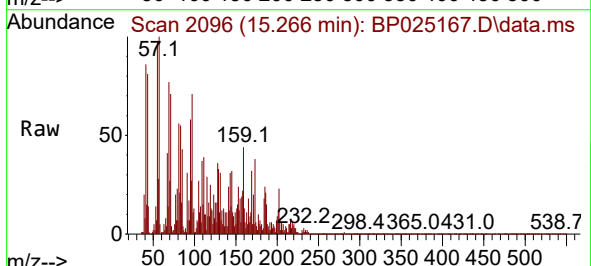
Tgt Ion:198 Resp: 418

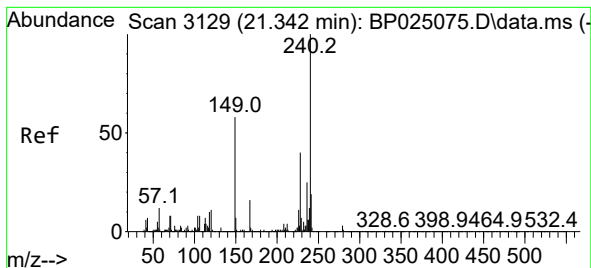
Ion Ratio Lower Upper

198 100

51 514.8 16.8 56.8#

105 2637.3 20.8 60.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.348 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP025167.D

Acq: 16 Jul 2025 21:04

Instrument :

BNA_P

ClientSampleId :

AU-06-071125

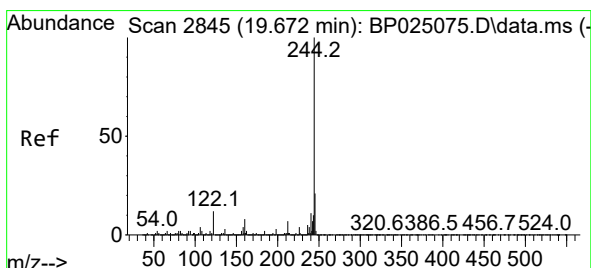
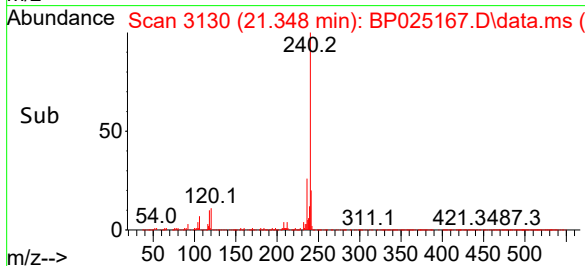
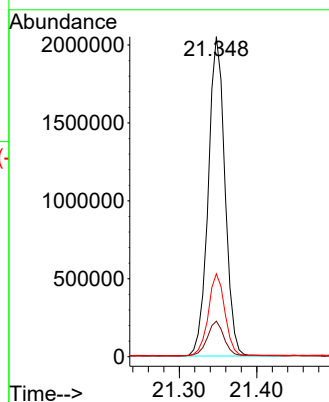
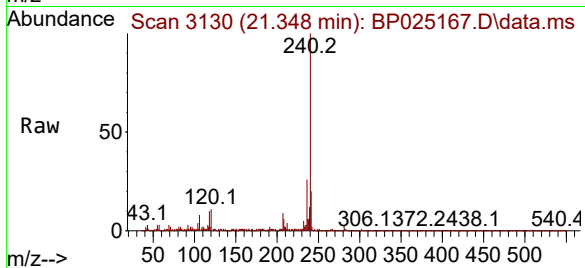
Tgt Ion:240 Resp: 3063338

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 25.9 20.3 30.5



#79

Terphenyl-d14

Concen: 9.809 ng

RT: 19.677 min Scan# 2846

Delta R.T. 0.006 min

Lab File: BP025167.D

Acq: 16 Jul 2025 21:04

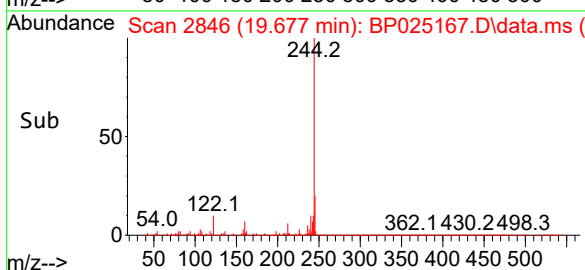
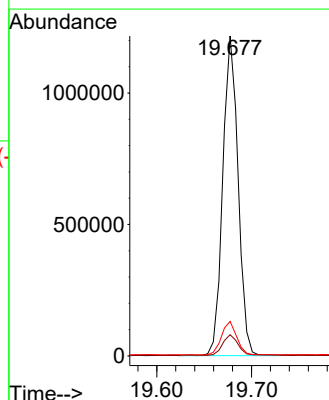
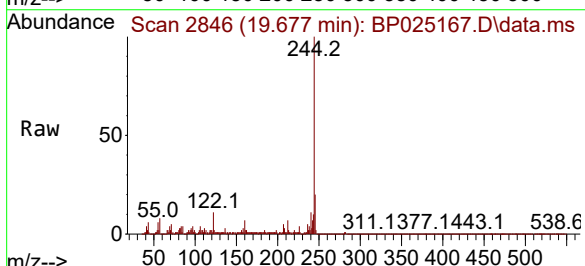
Tgt Ion:244 Resp: 1367191

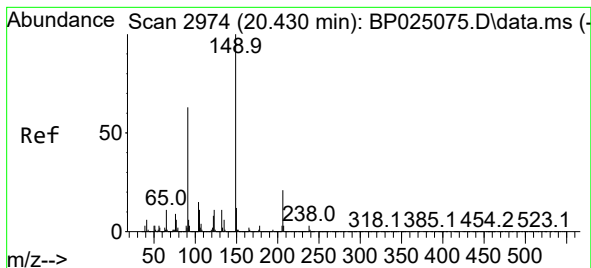
Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

122 10.8 9.4 14.2





#80

Butylbenzylphthalate

Concen: 3.772 ng

RT: 20.407 min Scan# 2974

Delta R.T. -0.023 min

Lab File: BP025167.D

Acq: 16 Jul 2025 21:04

Instrument :

BNA_P

ClientSampleId :

AU-06-071125

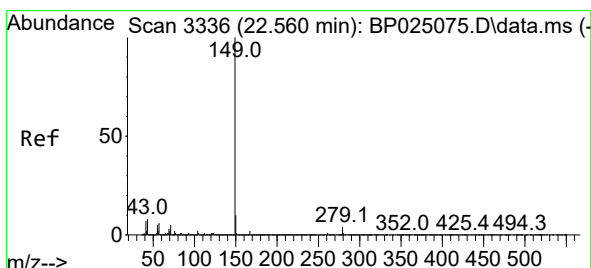
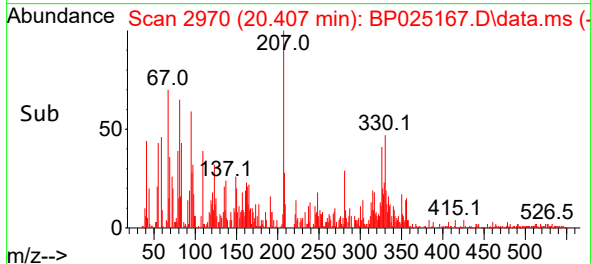
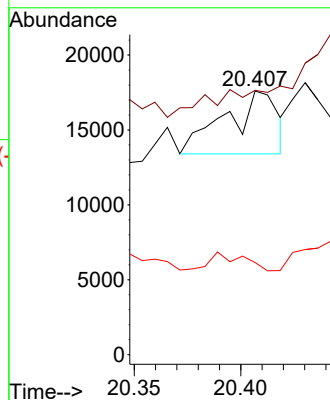
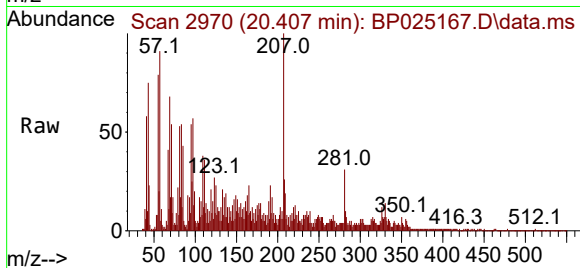
Tgt Ion:149 Resp: 7140

Ion Ratio Lower Upper

149 100

91 100.2 50.6 76.0#

206 34.9 17.2 25.8#



#85

Di-n-octyl phthalate

Concen: 6.123 ng

RT: 22.583 min Scan# 3340

Delta R.T. 0.023 min

Lab File: BP025167.D

Acq: 16 Jul 2025 21:04

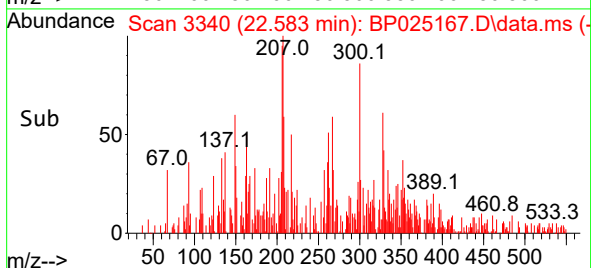
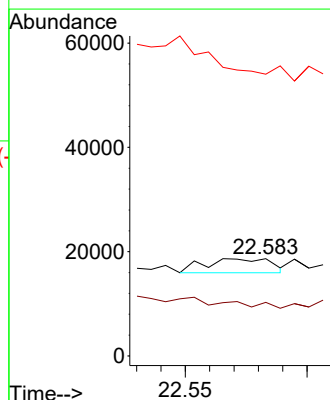
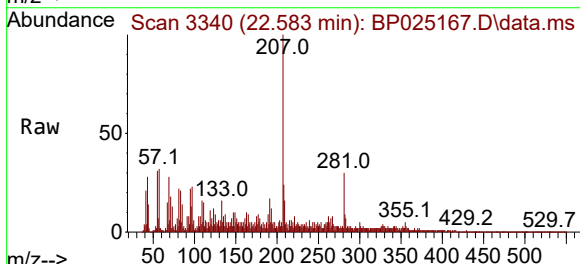
Tgt Ion:149 Resp: 5037

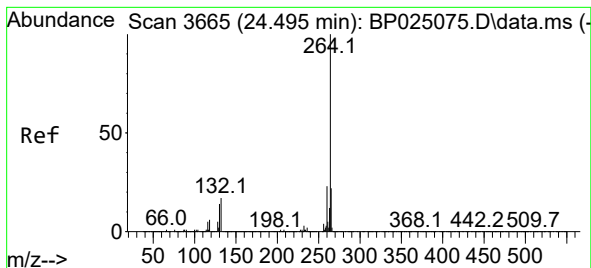
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 6.9 10.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.512 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP025167.D

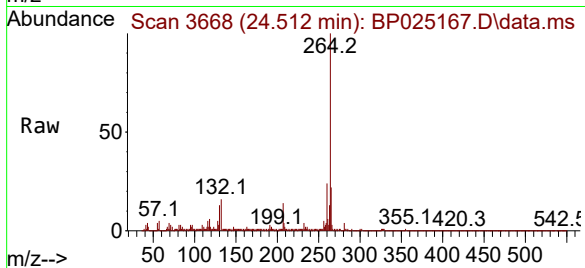
Acq: 16 Jul 2025 21:04

Instrument :

BNA_P

ClientSampleId :

AU-06-071125



Tgt Ion:264 Resp: 3652410

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 22.2 17.7 26.5

