

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025122.D
 Acq On : 14 Jul 2025 16:18
 Operator : CG/JU
 Sample : PB168788TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168788TB

Quant Time: Jul 14 16:42:03 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)

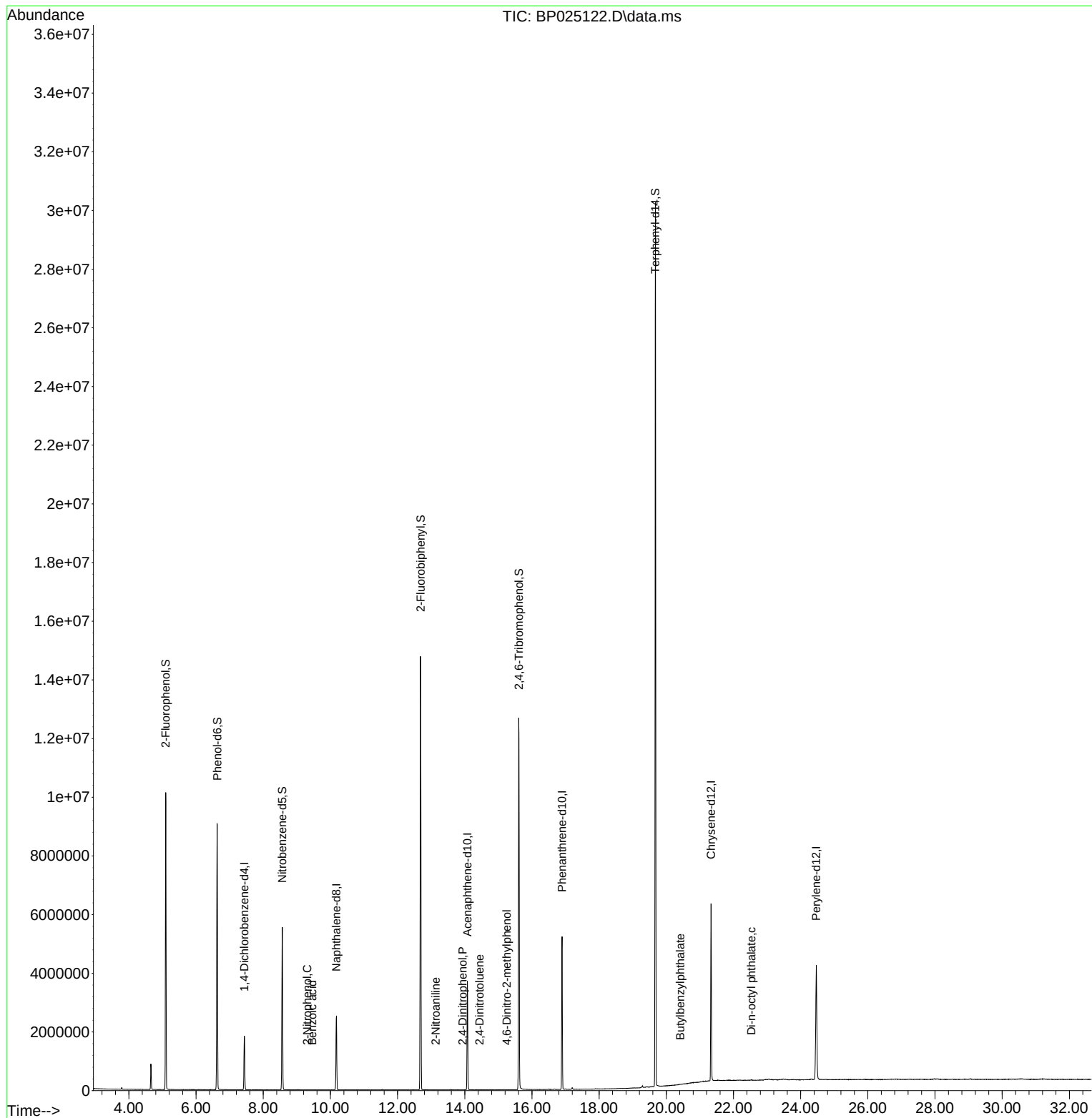
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	548913	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2137039	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1390757	20.000	ng	-0.01
64) Phenanthrene-d10	16.895	188	3020281	20.000	ng	-0.01
76) Chrysene-d12	21.330	240	3258394	20.000	ng	-0.01
86) Perylene-d12	24.466	264	3458557	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	4365989	140.931	ng	0.00
7) Phenol-d6	6.631	99	5412163	133.872	ng	0.00
23) Nitrobenzene-d5	8.566	82	3172171	98.718	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2779928	169.204	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	8383588	93.385	ng	-0.01
79) Terphenyl-d14	19.672	244	13183492	88.923	ng	0.00
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.308	139	22	3.303	ng	# 1
32) Benzoic acid	9.460	122	182	6.211	ng	# 63
48) 2-Nitroaniline	13.137	65	273	2.778	ng	# 43
54) 2,4-Dinitrophenol	13.937	184	26	5.388	ng	# 87
57) 2,4-Dinitrotoluene	14.443	165	316	2.648	ng	# 72
65) 4,6-Dinitro-2-methylph...	15.248	198	82	5.584	ng	# 1
80) Butylbenzylphthalate	20.419	149	1542	3.700	ng	# 81
85) Di-n-octyl phthalate	22.530	149	12166	6.153	ng	# 76

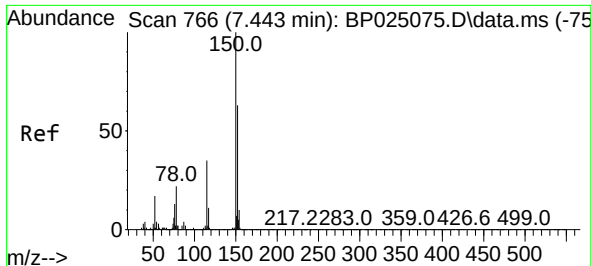
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025122.D
Acq On : 14 Jul 2025 16:18
Operator : CG/JU
Sample : PB168788TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168788TB

Quant Time: Jul 14 16:42:03 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

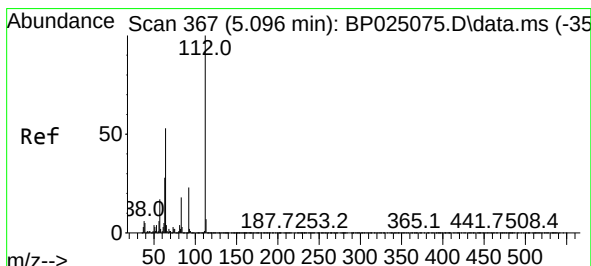
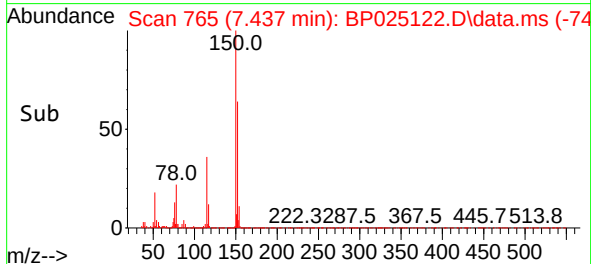
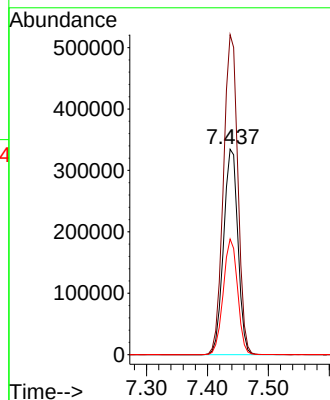
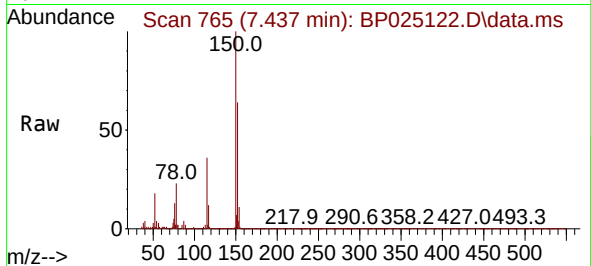




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

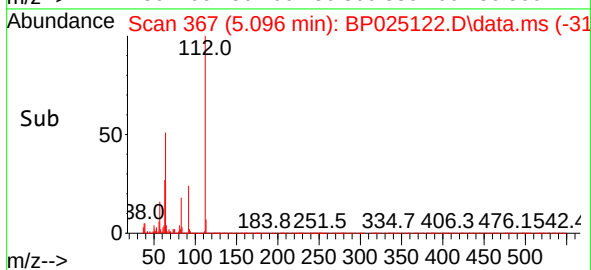
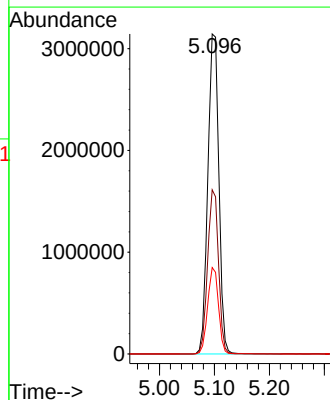
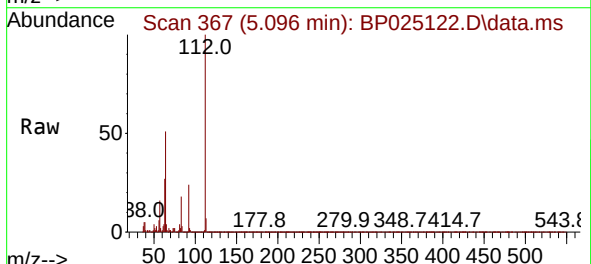
Instrument :
BNA_P
ClientSampleId :
PB168788TB

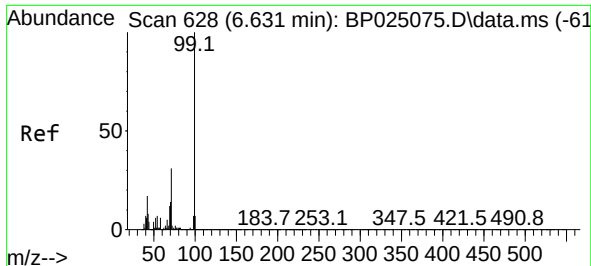
Tgt Ion:152 Resp: 548913
Ion Ratio Lower Upper
152 100
150 155.8 126.1 189.1
115 56.3 44.3 66.5



#5
2-Fluorophenol
Concen: 140.931 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

Tgt Ion:112 Resp: 4365989
Ion Ratio Lower Upper
112 100
64 51.3 42.0 63.0
63 27.0 22.2 33.2

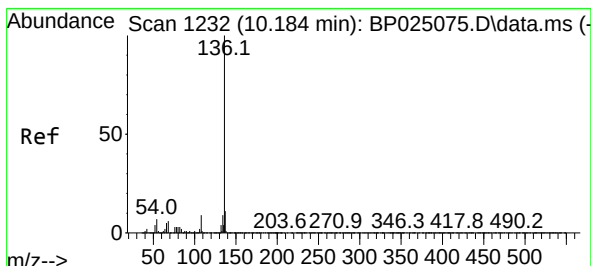
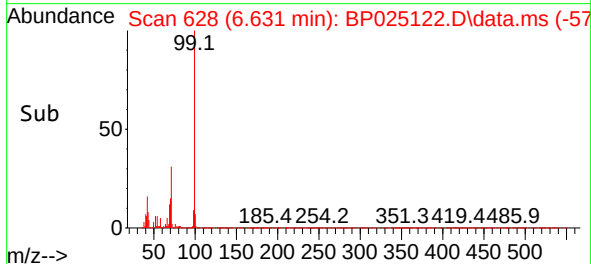
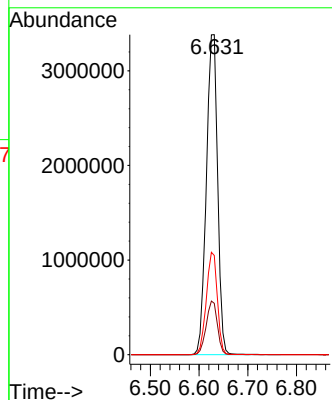
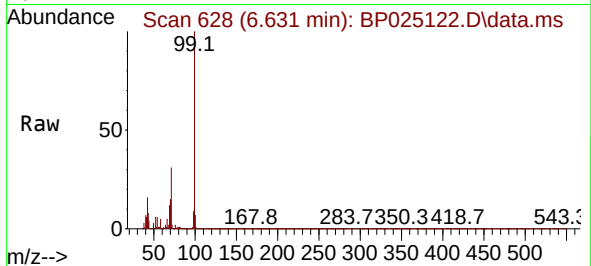




#7
Phenol-d6
Concen: 133.872 ng
RT: 6.631 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

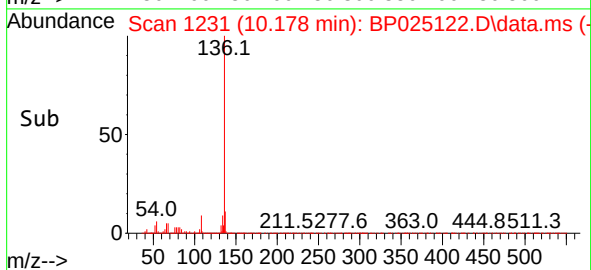
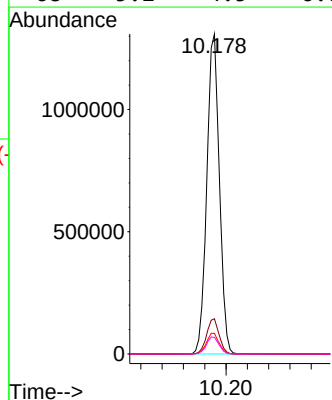
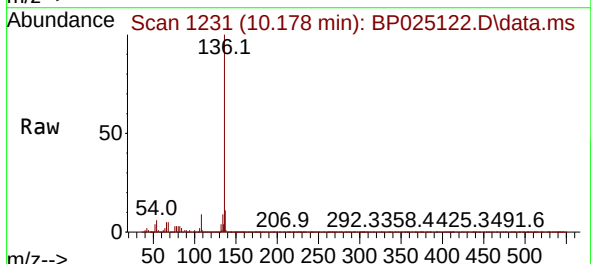
Instrument :
BNA_P
ClientSampleId :
PB168788TB

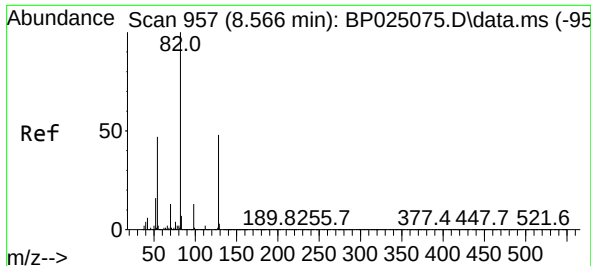
Tgt Ion: 99 Resp: 5412163
Ion Ratio Lower Upper
99 100
42 16.0 13.6 20.4
71 31.0 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

Tgt Ion:136 Resp: 2137039
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.4 5.4 8.2
68 5.2 4.5 6.7

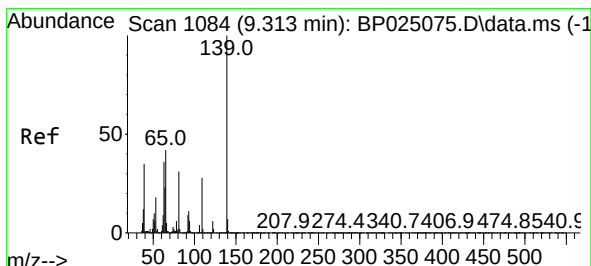
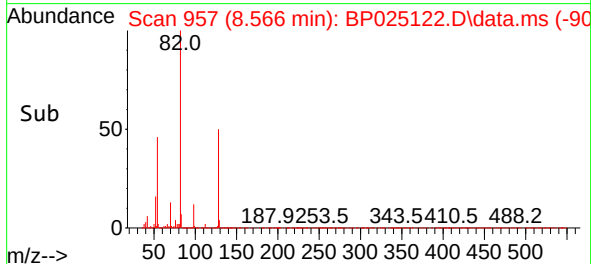
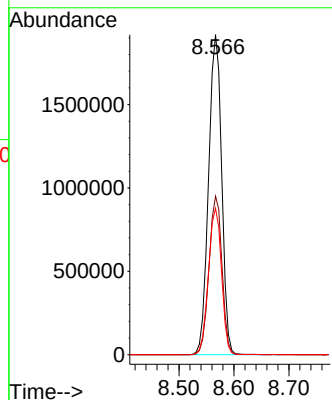
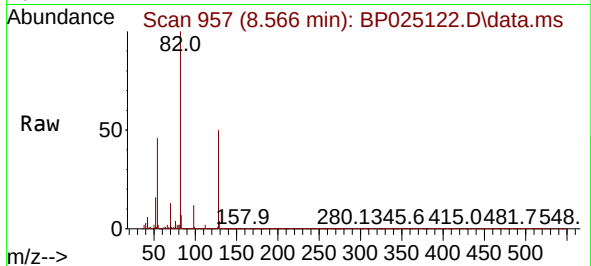




#23
Nitrobenzene-d5
Concen: 98.718 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

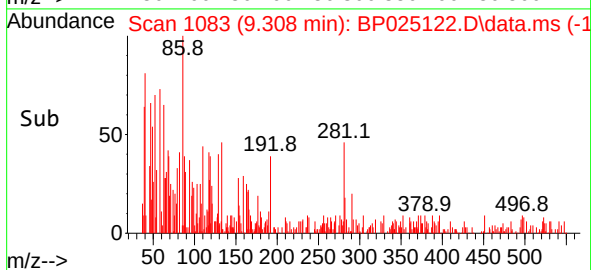
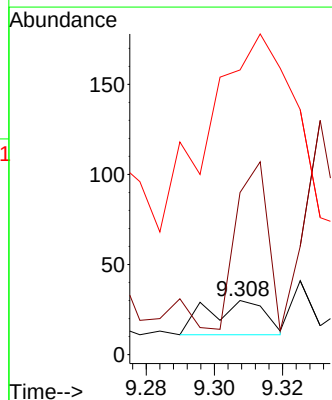
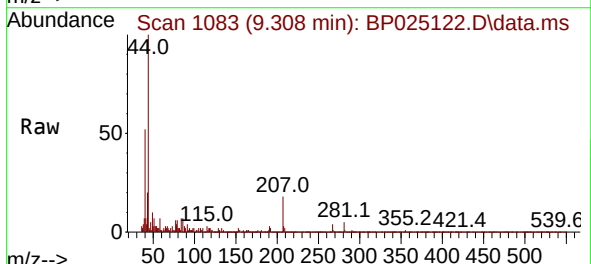
Instrument :
BNA_P
ClientSampleId :
PB168788TB

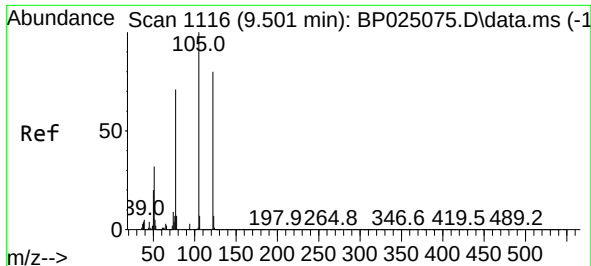
Tgt Ion: 82 Resp: 3172171
Ion Ratio Lower Upper
82 100
128 49.5 38.4 57.6
54 45.7 37.8 56.6



#26
2-Nitrophenol
Concen: 3.303 ng
RT: 9.308 min Scan# 1083
Delta R.T. -0.005 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

Tgt Ion:139 Resp: 22
Ion Ratio Lower Upper
139 100
109 300.0 22.3 33.5#
65 526.7 33.8 50.8#

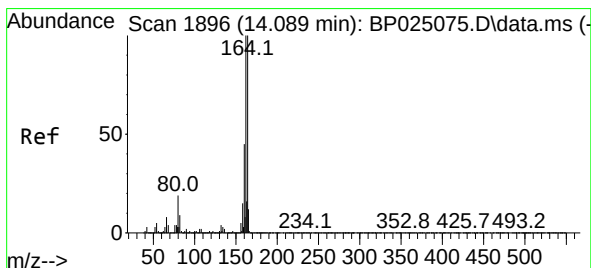
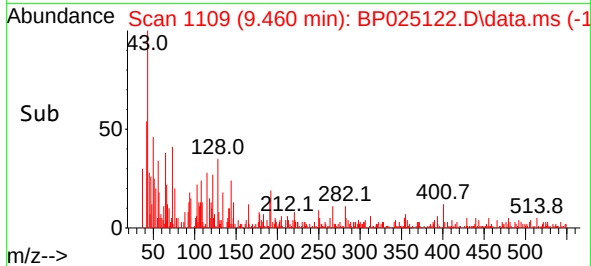
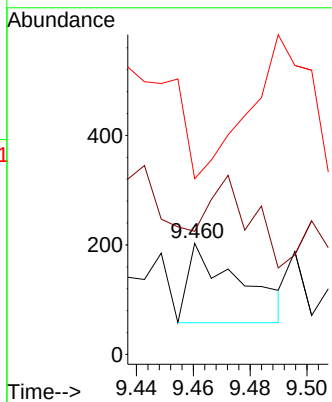
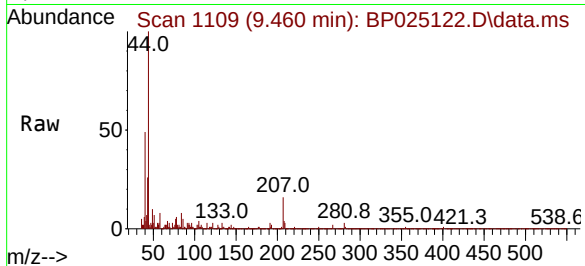




#32
Benzoic acid
Concen: 6.211 ng
RT: 9.460 min Scan# 1116
Delta R.T. -0.041 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

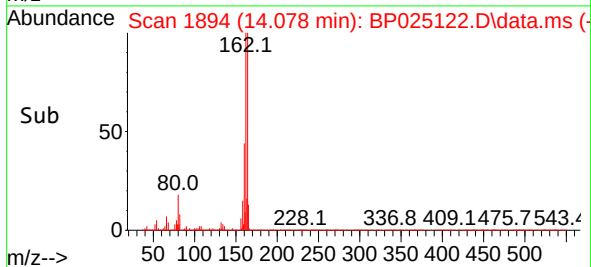
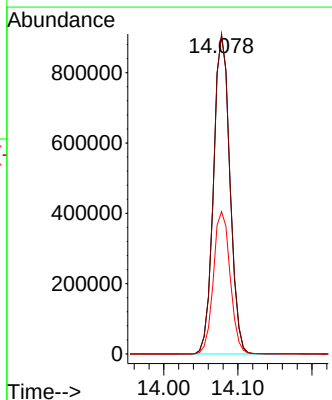
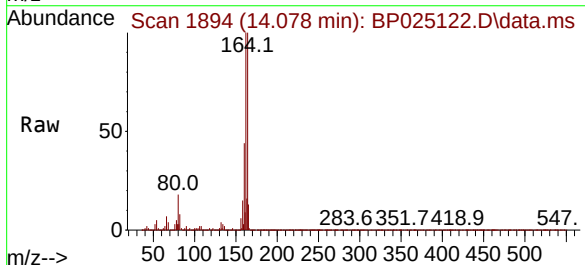
Instrument :
BNA_P
ClientSampleId :
PB168788TB

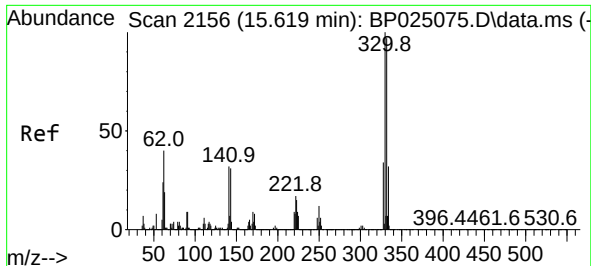
Tgt Ion:122 Resp: 182
Ion Ratio Lower Upper
122 100
105 110.8 101.0 141.0
77 158.1 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. -0.011 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

Tgt Ion:164 Resp: 1390757
Ion Ratio Lower Upper
164 100
162 100.5 80.3 120.5
160 44.7 35.9 53.9

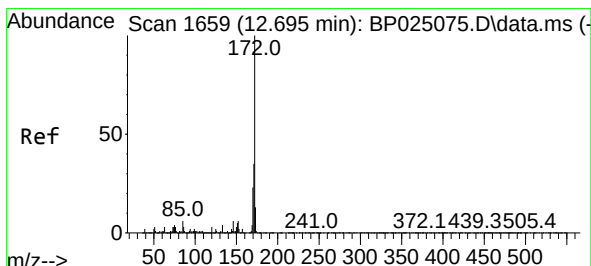
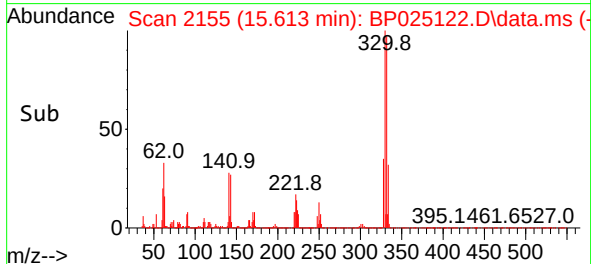
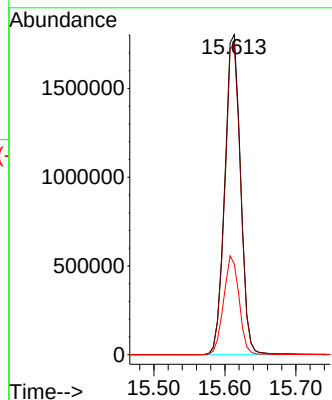
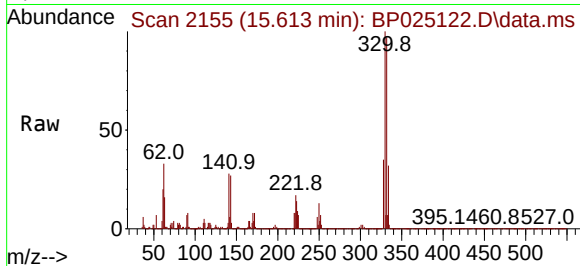




#42
2,4,6-Tribromophenol
Concen: 169.204 ng
RT: 15.613 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

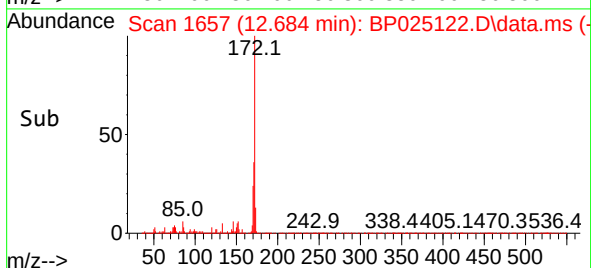
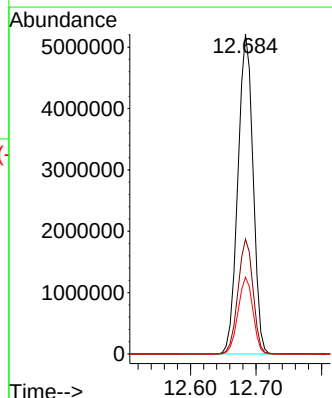
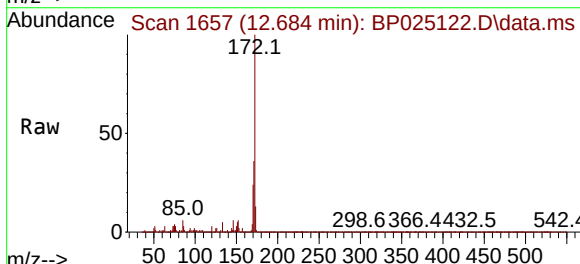
Instrument :
BNA_P
ClientSampleId :
PB168788TB

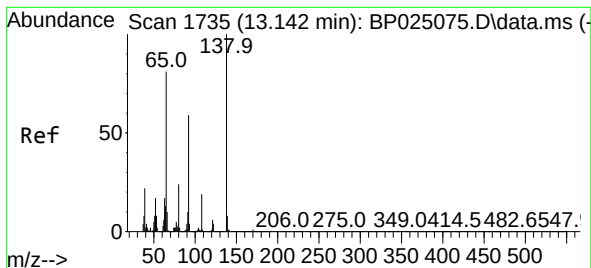
Tgt Ion:330 Resp: 2779928
Ion Ratio Lower Upper
330 100
332 97.5 77.7 116.5
141 30.4 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 93.385 ng
RT: 12.684 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

Tgt Ion:172 Resp: 8383588
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.0 18.7 28.1





#48

2-Nitroaniline

Concen: 2.778 ng

RT: 13.137 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP025122.D

Acq: 14 Jul 2025 16:18

Instrument :

BNA_P

ClientSampleId :

PB168788TB

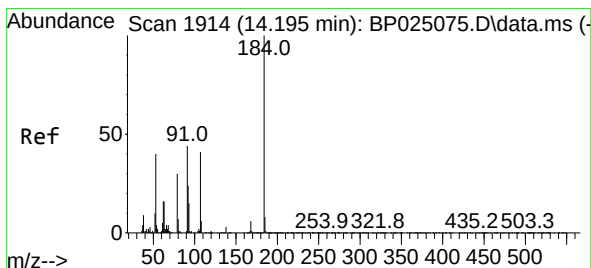
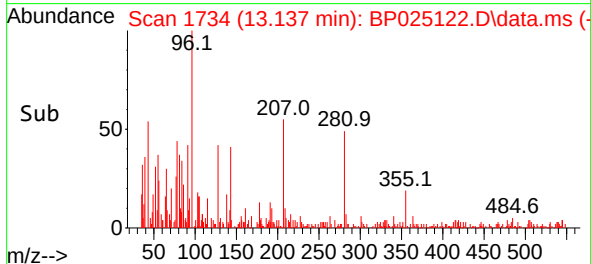
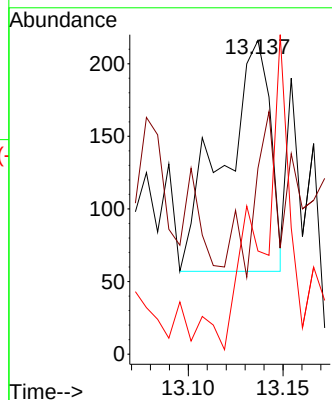
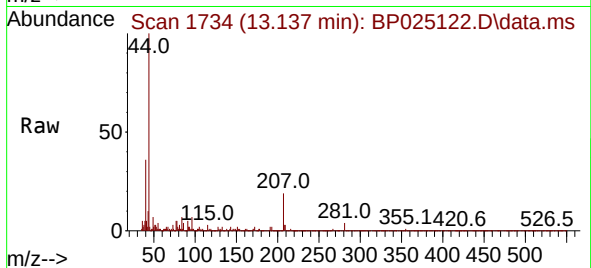
Tgt Ion: 65 Resp: 273

Ion Ratio Lower Upper

65 100

92 59.3 58.7 88.1

138 32.9 99.0 148.4#



#54

2,4-Dinitrophenol

Concen: 5.388 ng

RT: 13.937 min Scan# 1870

Delta R.T. -0.258 min

Lab File: BP025122.D

Acq: 14 Jul 2025 16:18

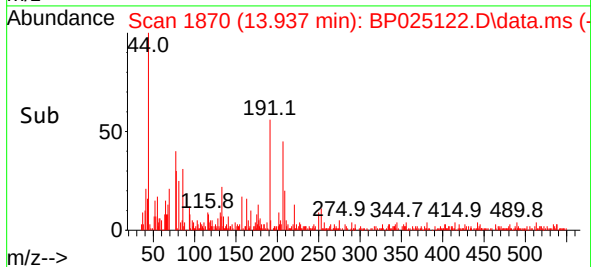
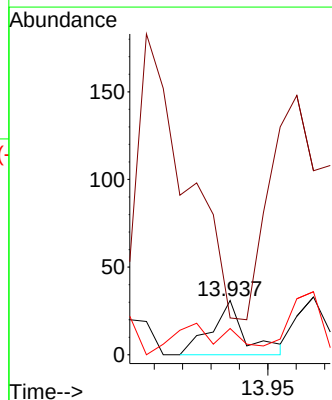
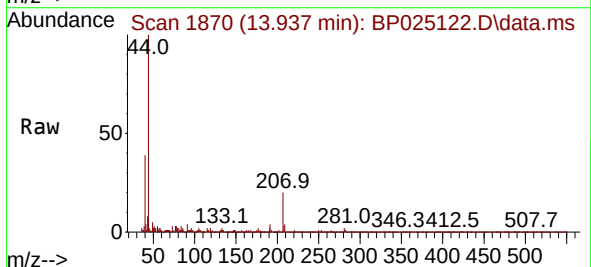
Tgt Ion: 184 Resp: 26

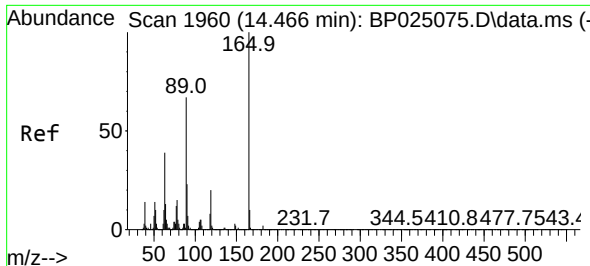
Ion Ratio Lower Upper

184 100

63 67.7 47.4 71.0

154 48.4 47.8 71.8

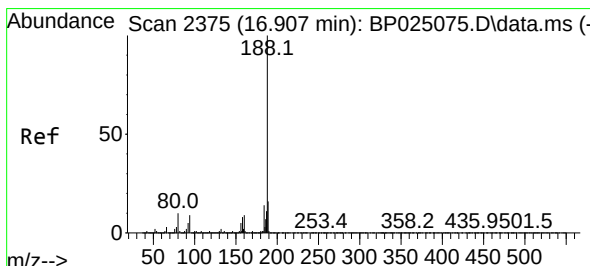
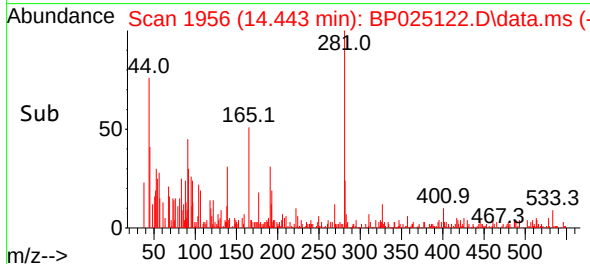
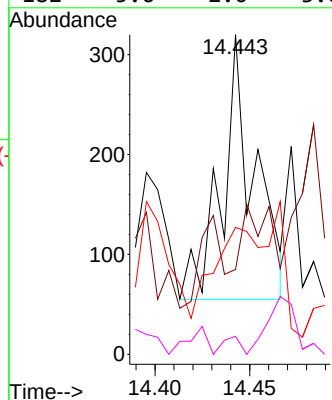
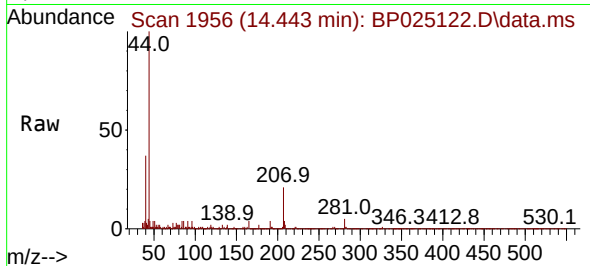




#57
2,4-Dinitrotoluene
Concen: 2.648 ng
RT: 14.443 min Scan# 1956
Delta R.T. -0.023 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

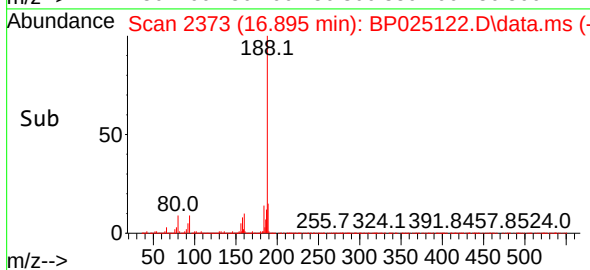
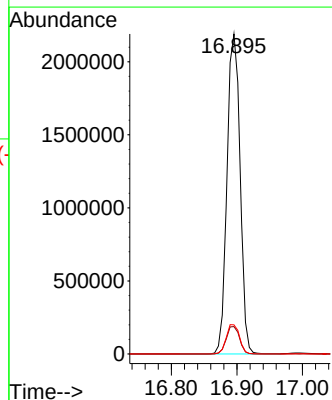
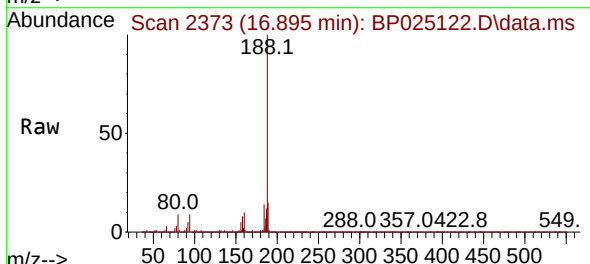
Instrument :
BNA_P
ClientSampleId :
PB168788TB

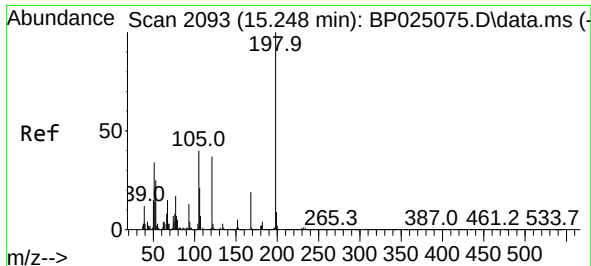
Tgt Ion:165 Resp: 316
Ion Ratio Lower Upper
165 100
63 26.6 31.0 46.4#
89 39.7 53.4 80.0#
182 5.6 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. -0.012 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

Tgt Ion:188 Resp: 3020281
Ion Ratio Lower Upper
188 100
94 8.5 7.3 10.9
80 9.1 7.8 11.6

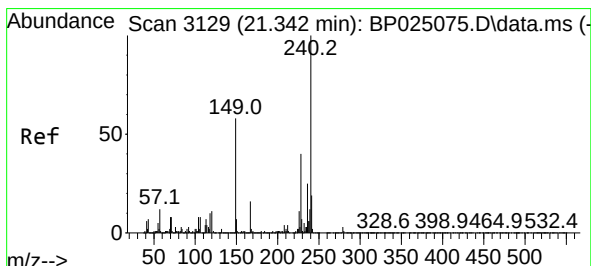
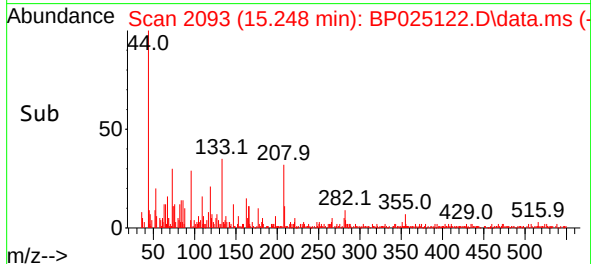
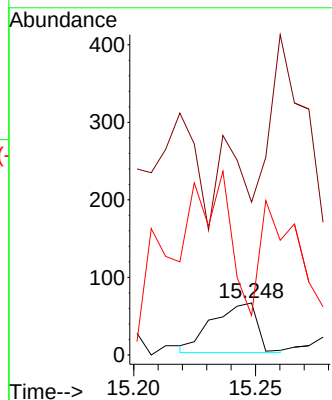
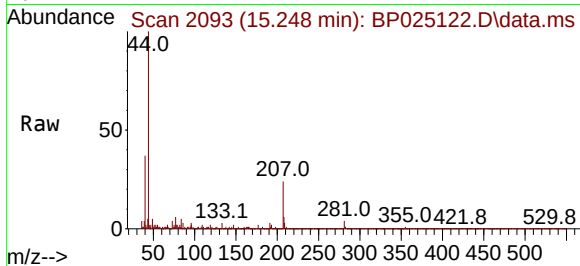




#65
4,6-Dinitro-2-methylphenol
Concen: 5.584 ng
RT: 15.248 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

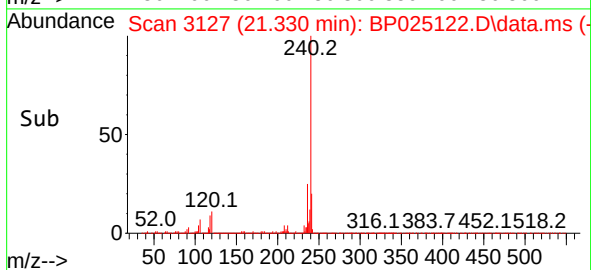
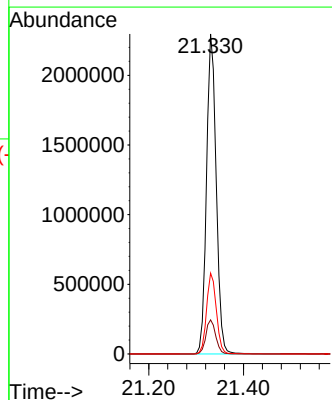
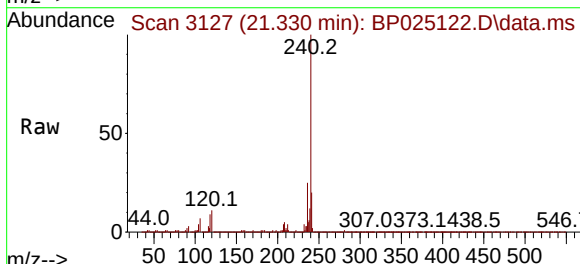
Instrument :
BNA_P
ClientSampleId :
PB168788TB

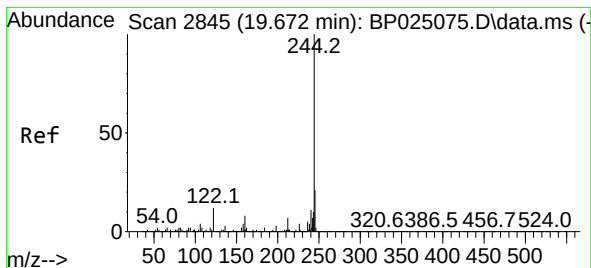
Tgt Ion:198 Resp: 82
Ion Ratio Lower Upper
198 100
51 277.5 16.8 56.8#
105 112.7 20.8 60.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

Tgt Ion:240 Resp: 3258394
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 25.2 20.3 30.5





#79

Terphenyl-d14

Concen: 88.923 ng

RT: 19.672 min Scan# 2845

Delta R.T. 0.000 min

Lab File: BP025122.D

Acq: 14 Jul 2025 16:18

Instrument :

BNA_P

ClientSampleId :

PB168788TB

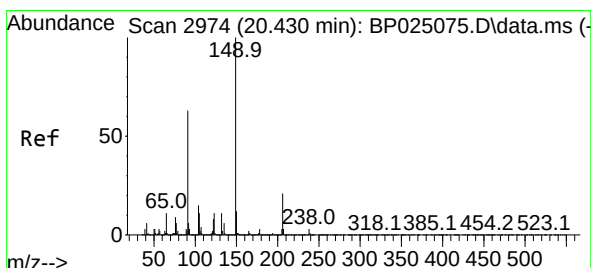
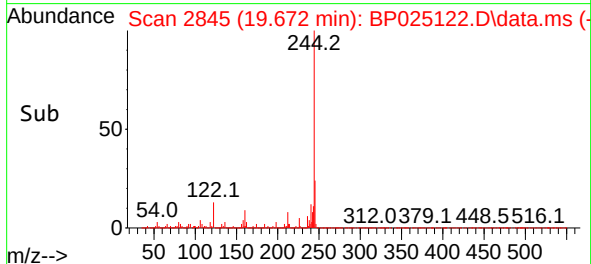
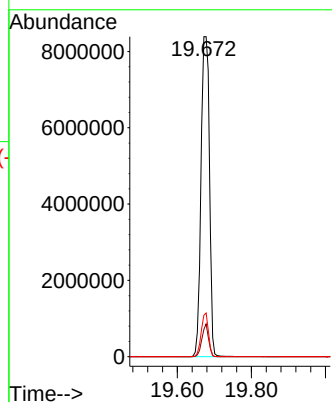
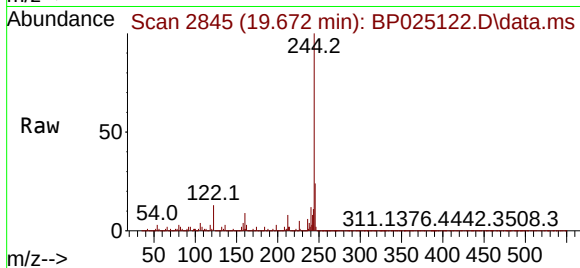
Tgt Ion:244 Resp:13183492

Ion Ratio Lower Upper

244 100

212 8.5 5.9 8.9

122 12.9 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.700 ng

RT: 20.419 min Scan# 2972

Delta R.T. -0.011 min

Lab File: BP025122.D

Acq: 14 Jul 2025 16:18

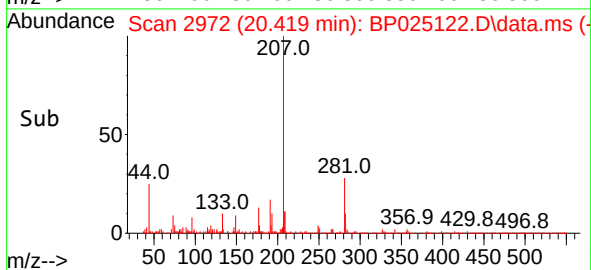
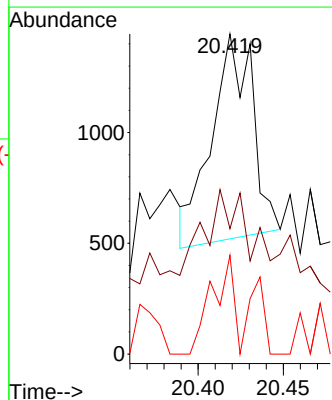
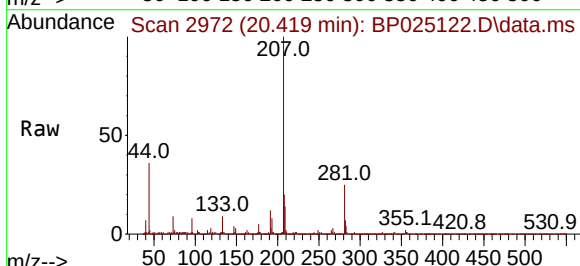
Tgt Ion:149 Resp: 1542

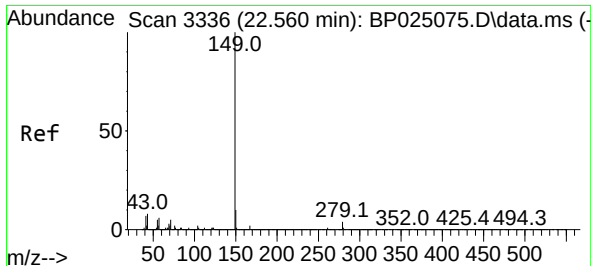
Ion Ratio Lower Upper

149 100

91 48.6 50.6 76.0#

206 30.9 17.2 25.8#

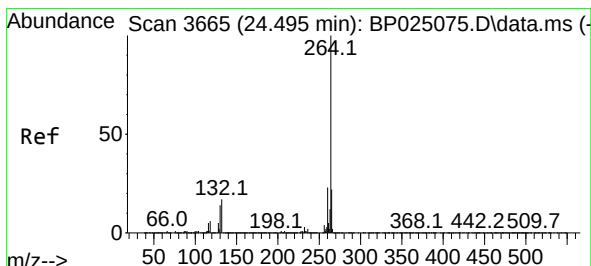
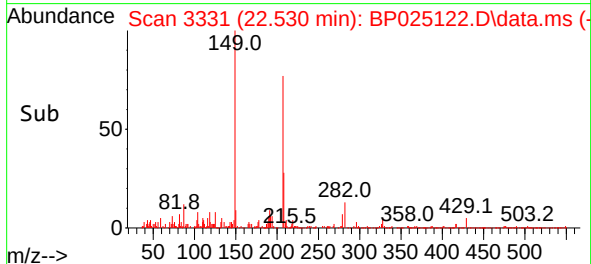
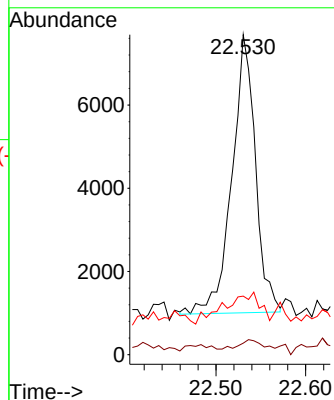
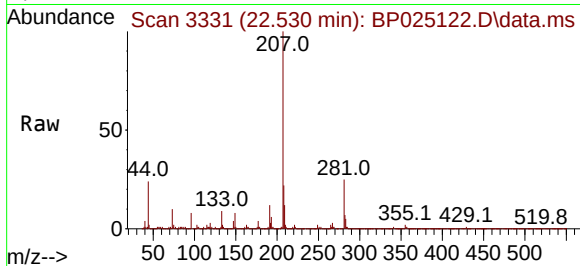




#85
Di-n-octyl phthalate
Concen: 6.153 ng
RT: 22.530 min Scan# 31
Delta R.T. -0.030 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
PB168788TB

Tgt Ion:149 Resp: 12166
Ion Ratio Lower Upper
149 100
167 8.2 1.3 1.9#
43 17.7 6.9 10.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.466 min Scan# 3660
Delta R.T. -0.029 min
Lab File: BP025122.D
Acq: 14 Jul 2025 16:18

Tgt Ion:264 Resp: 3458557
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.0 17.7 26.5

