

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025118.D
 Acq On : 14 Jul 2025 13:31
 Operator : CG/JU
 Sample : PB168816BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168816BL

Quant Time: Jul 14 14:38:09 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)

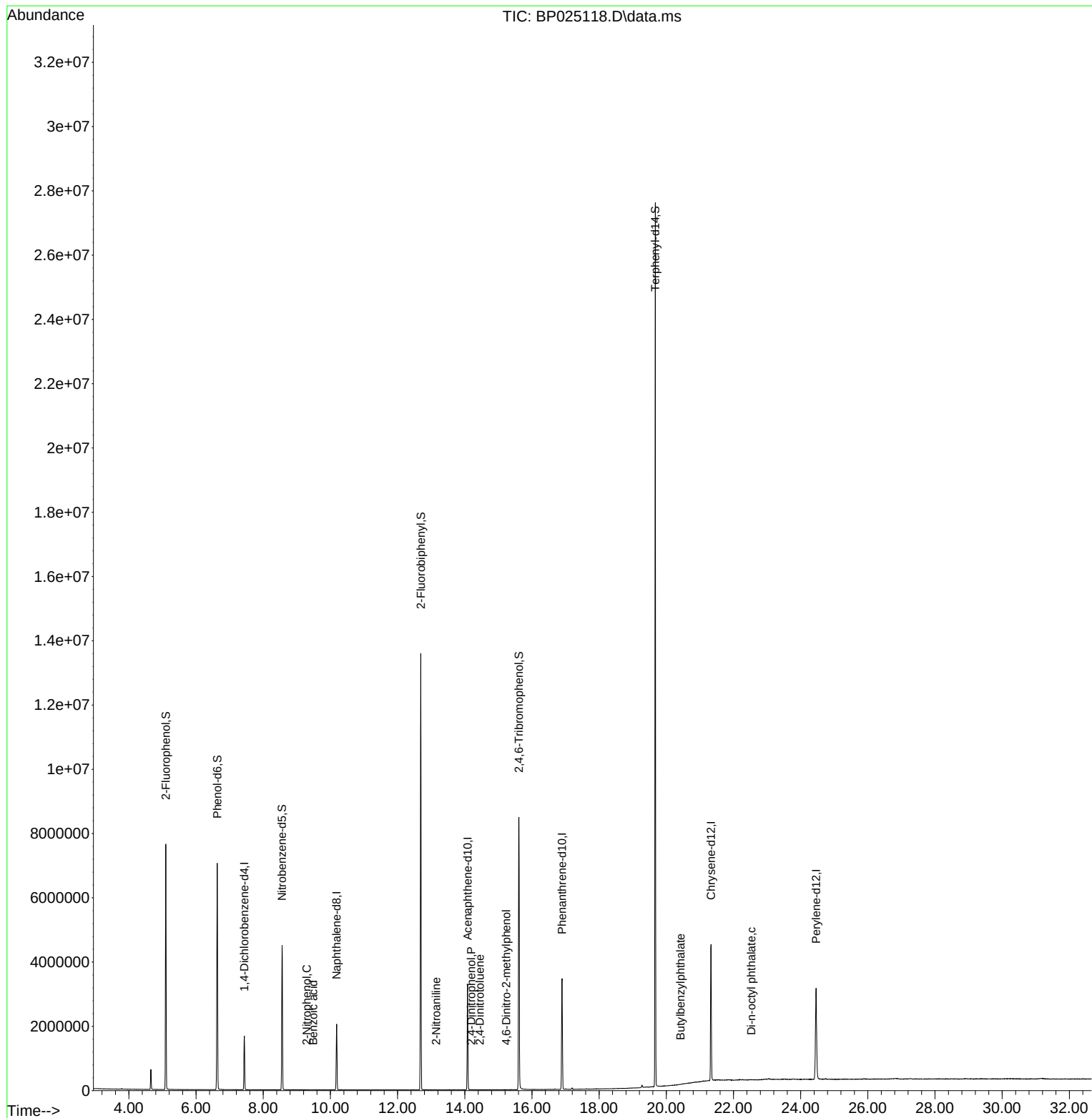
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	445597	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1743784	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1130060	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2451234	20.000	ng	-0.01
76) Chrysene-d12	21.330	240	2596761	20.000	ng	-0.01
86) Perylene-d12	24.460	264	2666838	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3336712	132.679	ng	0.00
7) Phenol-d6	6.631	99	4139243	126.125	ng	0.00
23) Nitrobenzene-d5	8.560	82	2427942	92.598	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2010884	150.630	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	6453456	88.469	ng	0.00
79) Terphenyl-d14	19.672	244	10767580	91.132	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.296	139	16	3.303	ng	# 1
32) Benzoic acid	9.484	122	78	6.207	ng	# 1
48) 2-Nitroaniline	13.148	65	208	2.777	ng	# 19
54) 2,4-Dinitrophenol	14.190	184	8	5.386	ng	# 1
57) 2,4-Dinitrotoluene	14.448	165	106	2.641	ng	# 41
65) 4,6-Dinitro-2-methylph...	15.237	198	14	5.580	ng	# 1
80) Butylbenzylphthalate	20.424	149	361	3.687	ng	# 90
85) Di-n-octyl phthalate	22.530	149	1006	6.104	ng	# 58

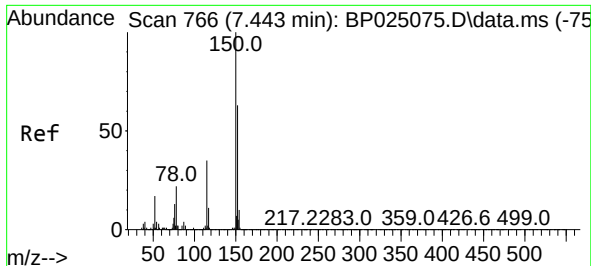
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
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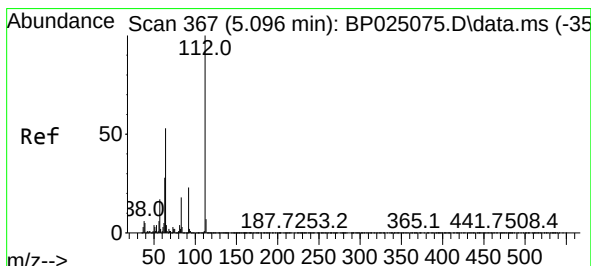
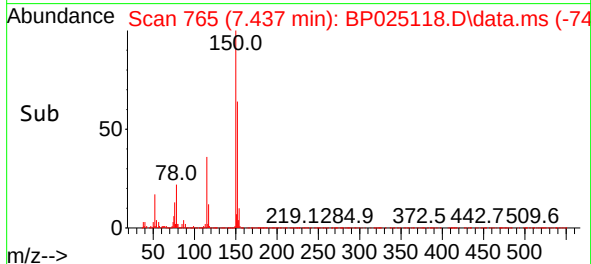
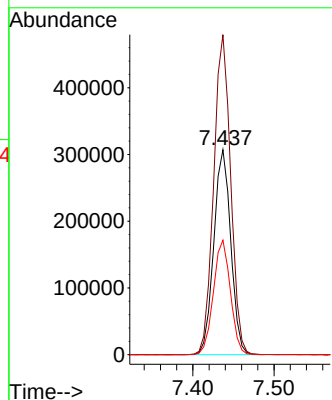
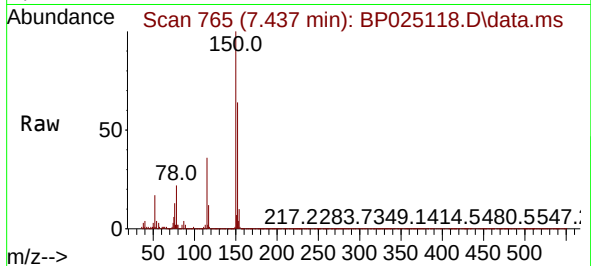




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

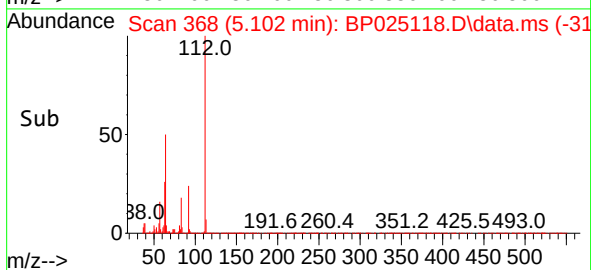
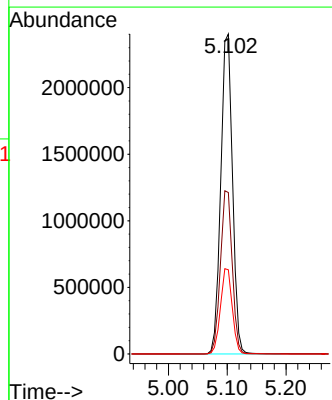
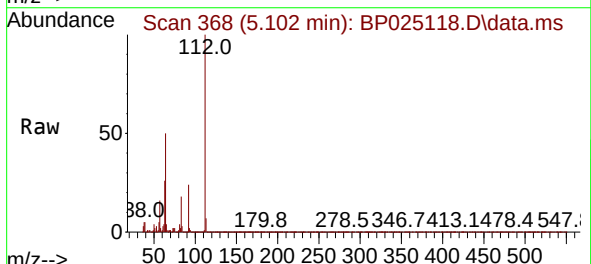
Instrument :
BNA_P
ClientSampleId :
PB168816BL

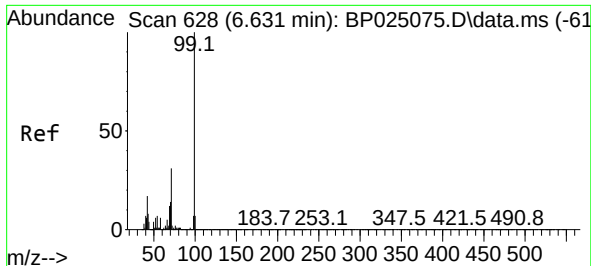
Tgt Ion:152 Resp: 445597
Ion Ratio Lower Upper
152 100
150 156.1 126.1 189.1
115 55.9 44.3 66.5



#5
2-Fluorophenol
Concen: 132.679 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

Tgt Ion:112 Resp: 3336712
Ion Ratio Lower Upper
112 100
64 50.5 42.0 63.0
63 26.3 22.2 33.2



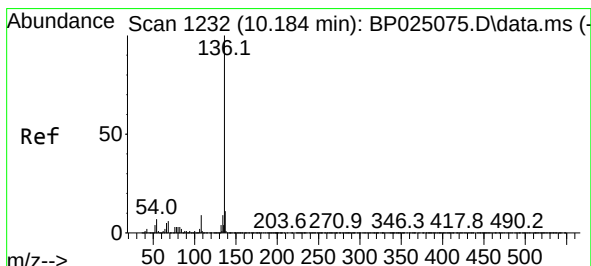
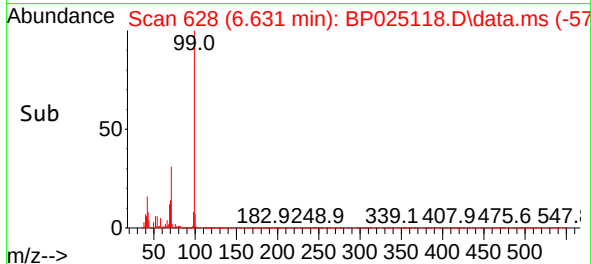
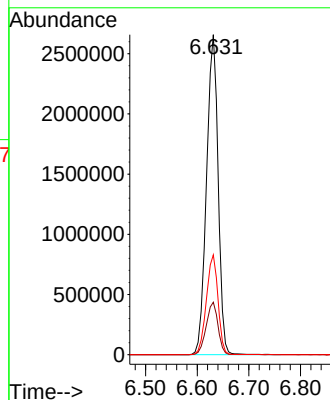
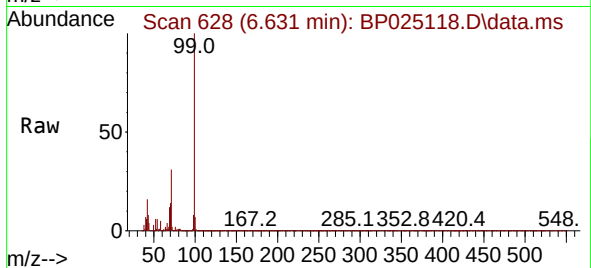


#7
Phenol-d6
Concen: 126.125 ng
RT: 6.631 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

Instrument :
BNA_P
ClientSampleId :
PB168816BL

Tgt Ion: 99 Resp: 4139243

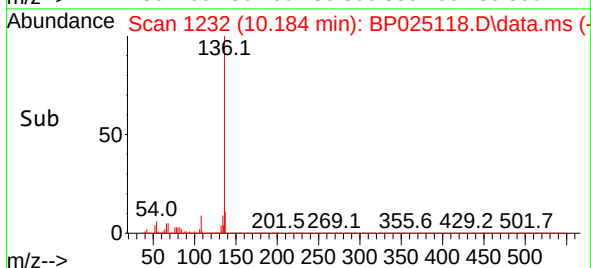
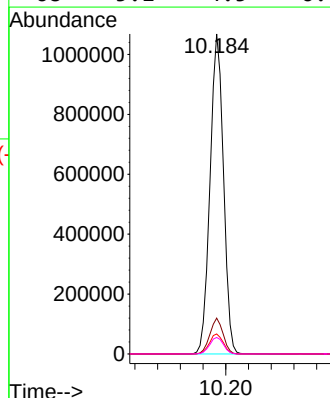
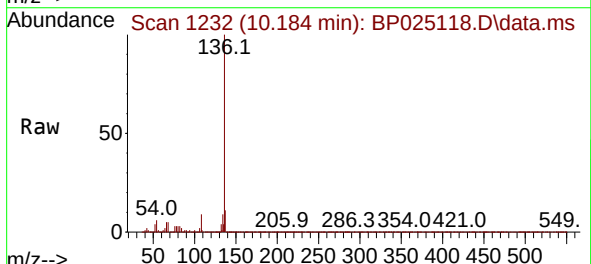
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	31.2	24.4	36.6

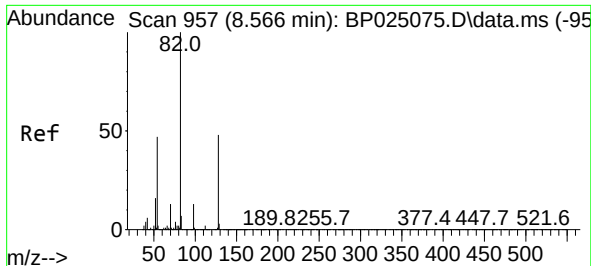


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

Tgt Ion: 136 Resp: 1743784

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.2	5.4	8.2
68	5.1	4.5	6.7

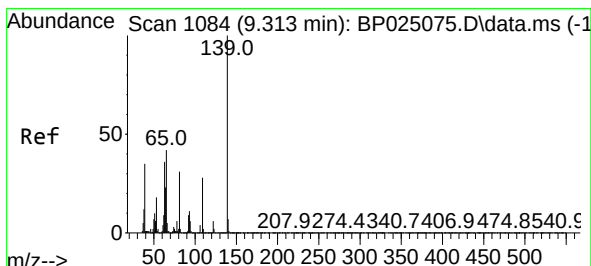
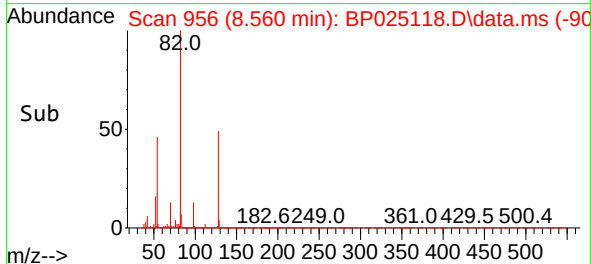
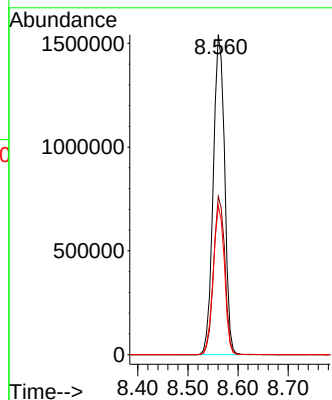
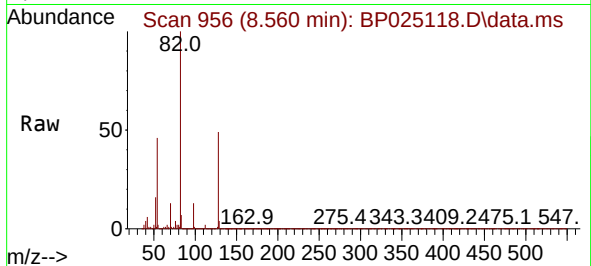




#23
Nitrobenzene-d5
Concen: 92.598 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

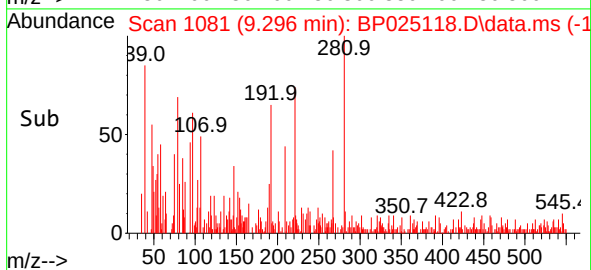
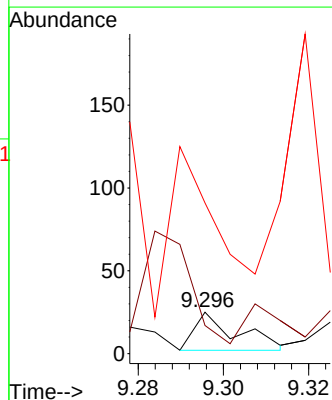
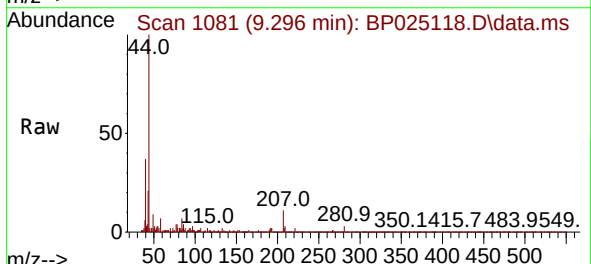
Instrument :
BNA_P
ClientSampleId :
PB168816BL

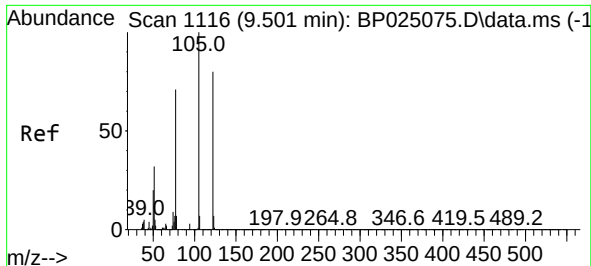
Tgt Ion: 82 Resp: 2427942
Ion Ratio Lower Upper
82 100
128 49.4 38.4 57.6
54 46.5 37.8 56.6



#26
2-Nitrophenol
Concen: 3.303 ng
RT: 9.296 min Scan# 1081
Delta R.T. -0.017 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

Tgt Ion:139 Resp: 16
Ion Ratio Lower Upper
139 100
109 68.0 22.3 33.5#
65 364.0 33.8 50.8#

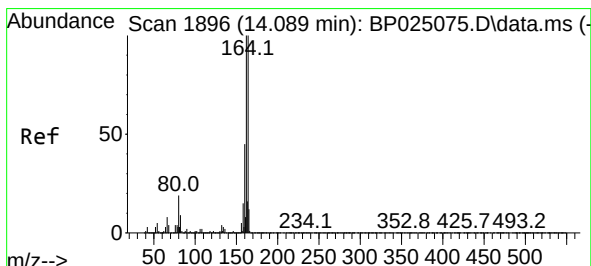
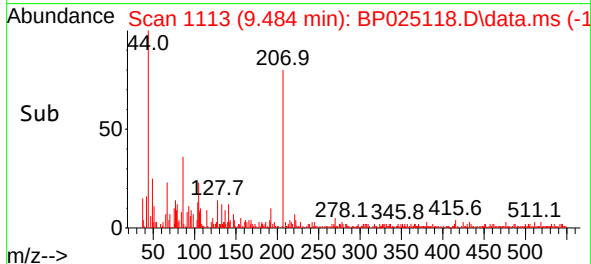
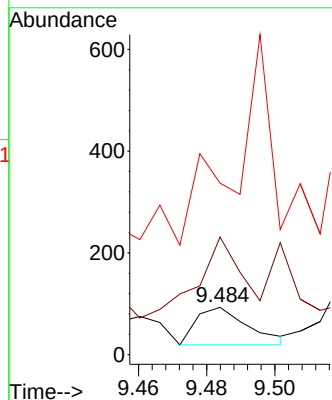
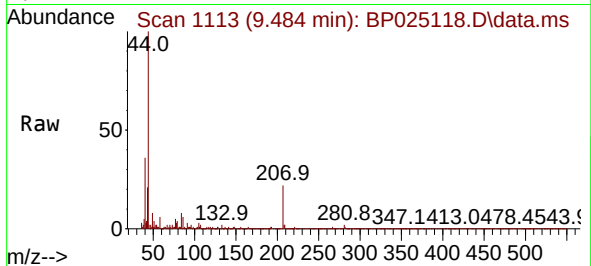




#32
Benzoic acid
Concen: 6.207 ng
RT: 9.484 min Scan# 1116
Delta R.T. -0.017 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

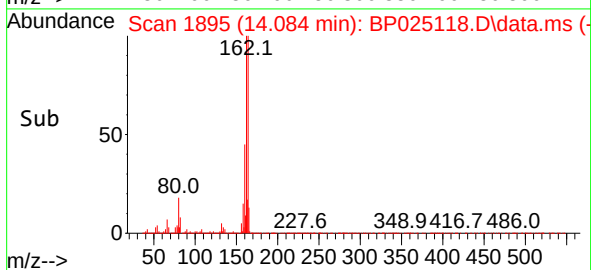
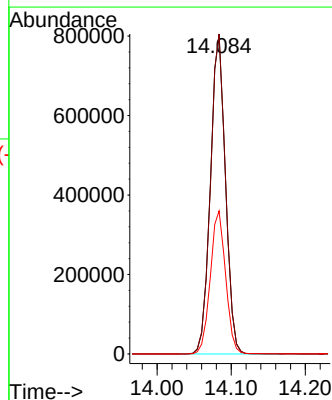
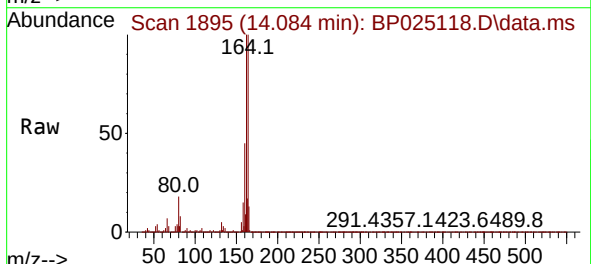
Instrument :
BNA_P
ClientSampleId :
PB168816BL

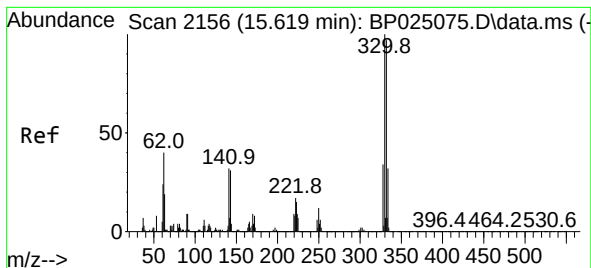
Tgt Ion:122 Resp: 78
Ion Ratio Lower Upper
122 100
105 248.4 101.0 141.0#
77 362.4 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

Tgt Ion:164 Resp: 1130060
Ion Ratio Lower Upper
164 100
162 100.1 80.3 120.5
160 44.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 150.630 ng

RT: 15.613 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025118.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168816BL

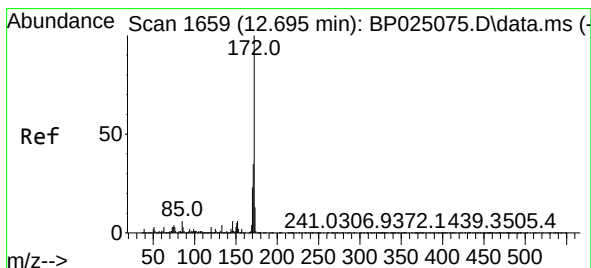
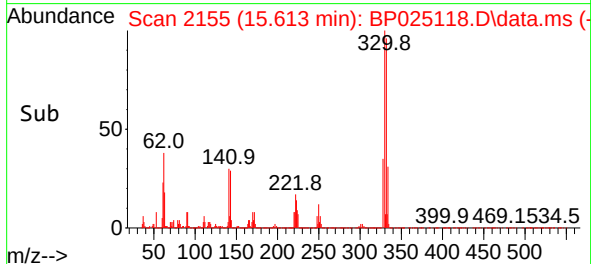
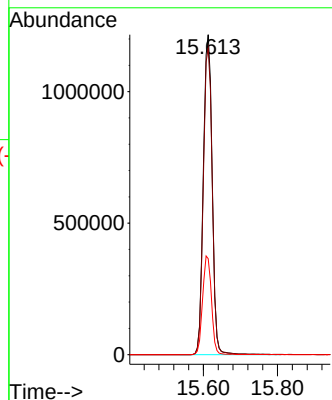
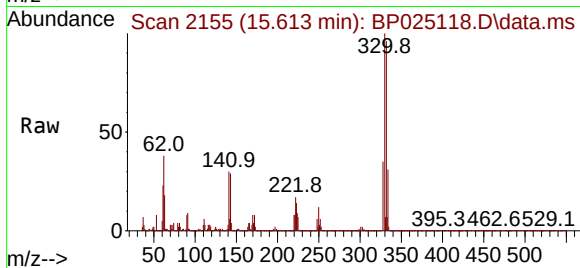
Tgt Ion:330 Resp: 2010884

Ion Ratio Lower Upper

330 100

332 96.2 77.7 116.5

141 30.9 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 88.469 ng

RT: 12.690 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP025118.D

Acq: 14 Jul 2025 13:31

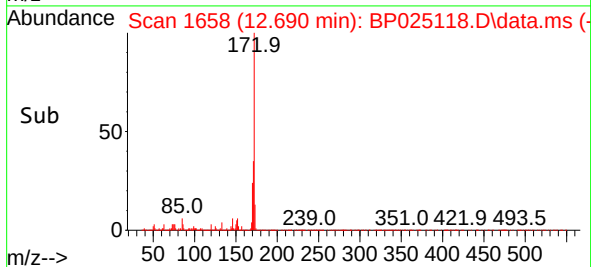
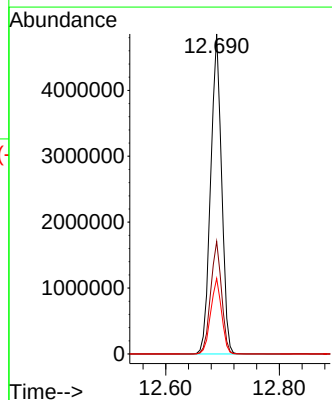
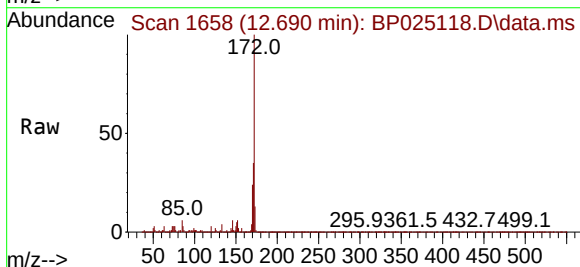
Tgt Ion:172 Resp: 6453456

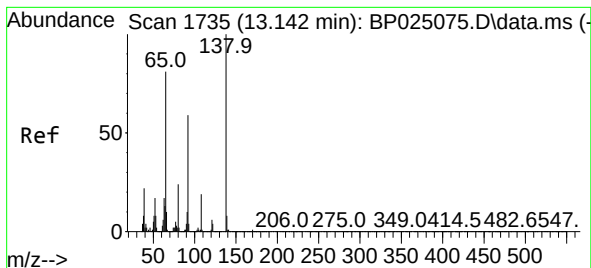
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.6 18.7 28.1





#48

2-Nitroaniline

Concen: 2.777 ng

RT: 13.148 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP025118.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168816BL

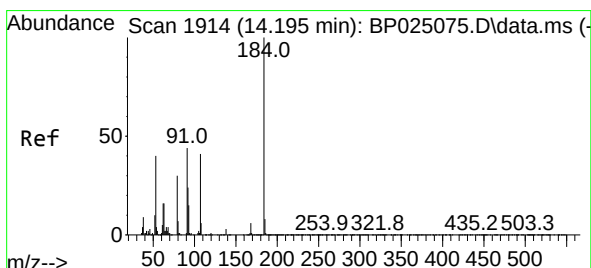
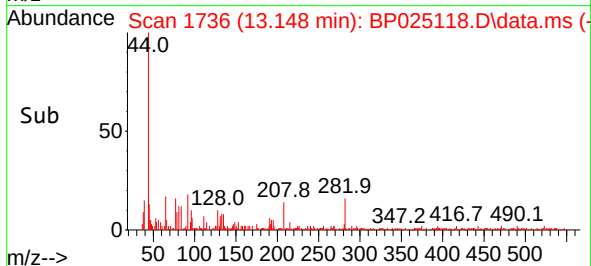
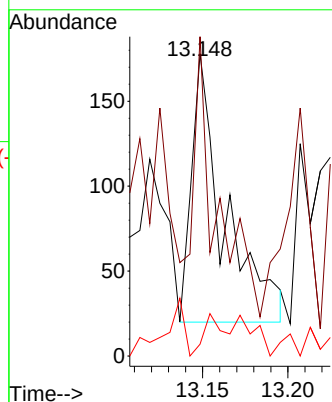
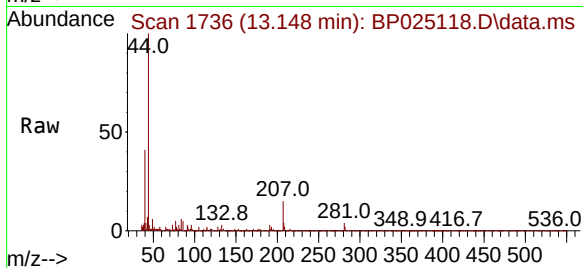
Tgt Ion: 65 Resp: 208

Ion Ratio Lower Upper

65 100

92 105.6 58.7 88.1#

138 3.9 99.0 148.4#



#54

2,4-Dinitrophenol

Concen: 5.386 ng

RT: 14.190 min Scan# 1913

Delta R.T. -0.005 min

Lab File: BP025118.D

Acq: 14 Jul 2025 13:31

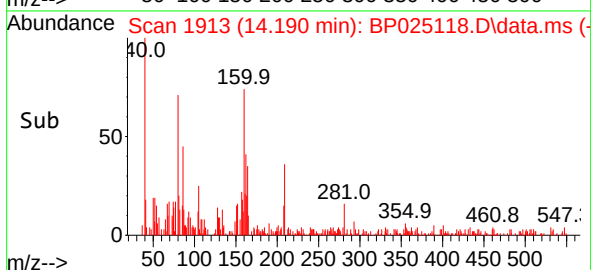
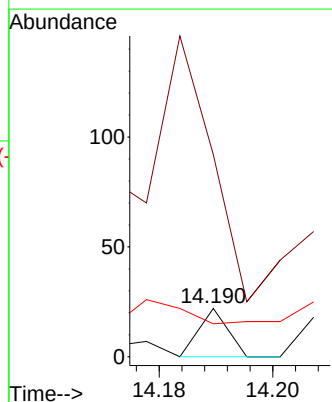
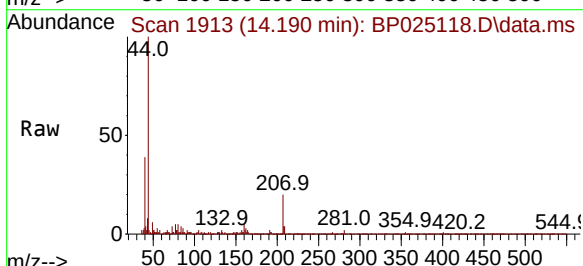
Tgt Ion: 184 Resp: 8

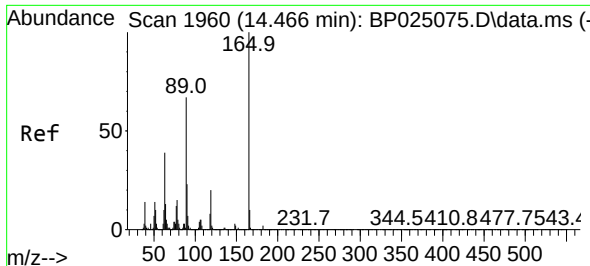
Ion Ratio Lower Upper

184 100

63 418.2 47.4 71.0#

154 68.2 47.8 71.8

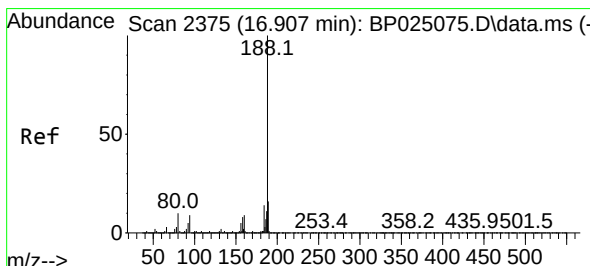
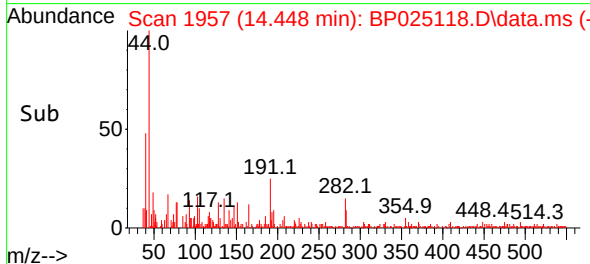
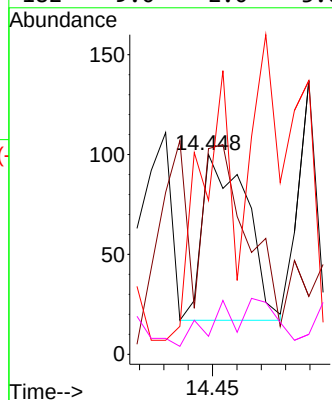
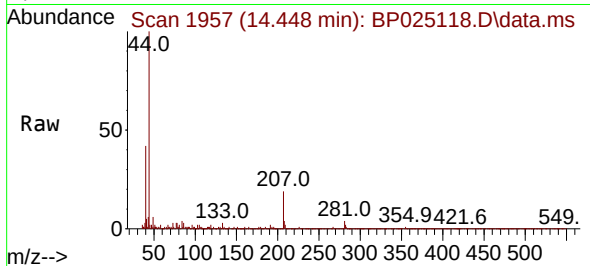




#57
2,4-Dinitrotoluene
Concen: 2.641 ng
RT: 14.448 min Scan# 1960
Delta R.T. -0.018 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

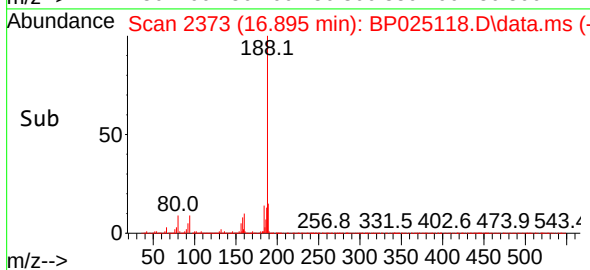
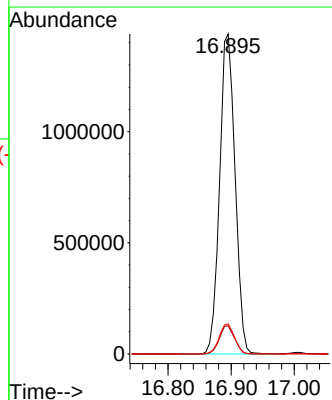
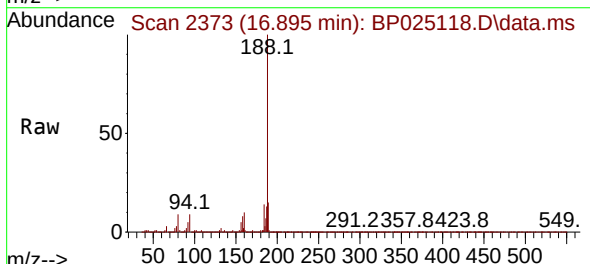
Instrument :
BNA_P
ClientSampleId :
PB168816BL

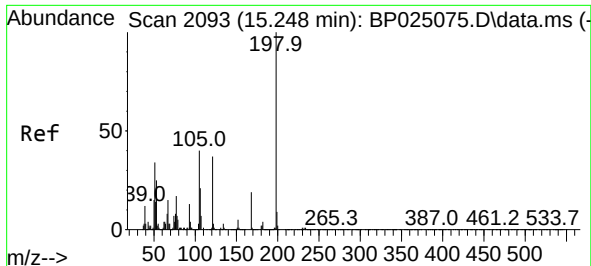
Tgt Ion:165 Resp: 106
Ion Ratio Lower Upper
165 100
63 103.0 31.0 46.4#
89 94.0 53.4 80.0#
182 9.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. -0.012 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

Tgt Ion:188 Resp: 2451234
Ion Ratio Lower Upper
188 100
94 8.8 7.3 10.9
80 9.4 7.8 11.6

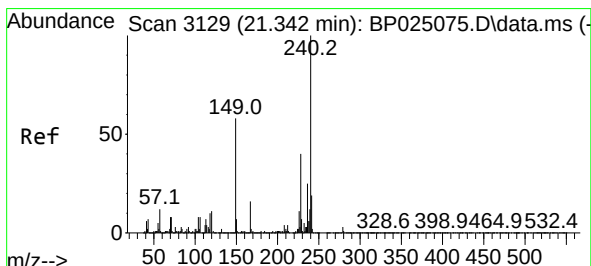
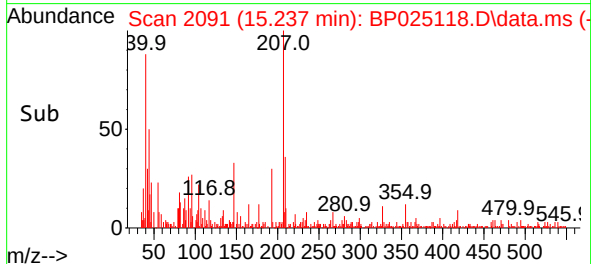
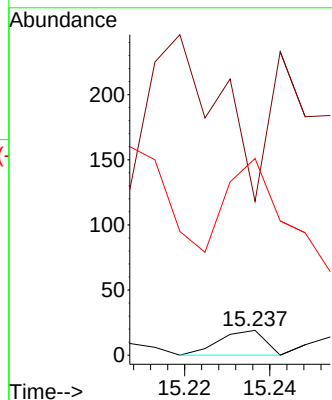
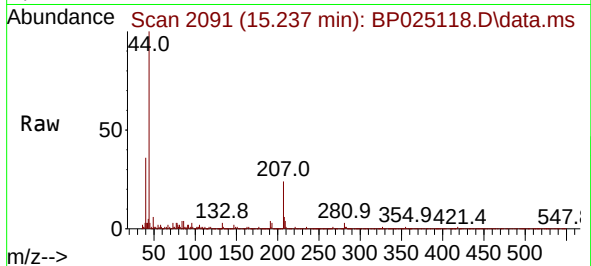




#65
4,6-Dinitro-2-methylphenol
Concen: 5.580 ng
RT: 15.237 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

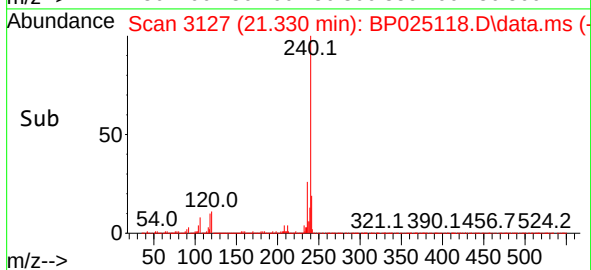
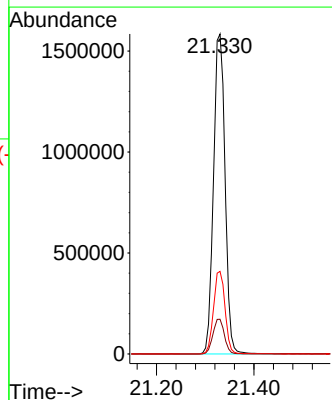
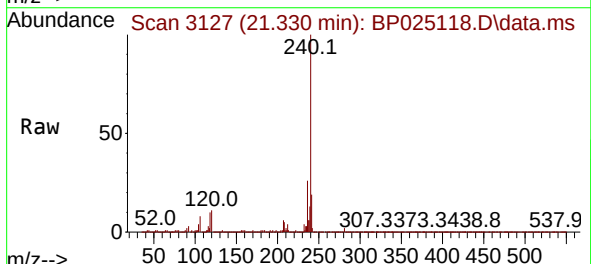
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BNA_P
ClientSampleId :
PB168816BL

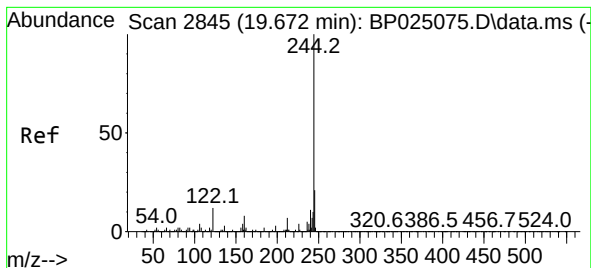
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 621.1 16.8 56.8#
105 794.7 20.8 60.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP025118.D
Acq: 14 Jul 2025 13:31

Tgt Ion:240 Resp: 2596761
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.8 20.3 30.5





#79

Terphenyl-d14

Concen: 91.132 ng

RT: 19.672 min Scan# 2845

Delta R.T. 0.000 min

Lab File: BP025118.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168816BL

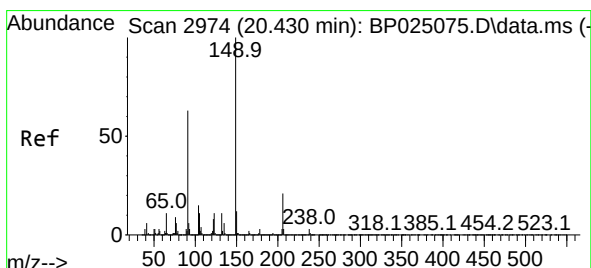
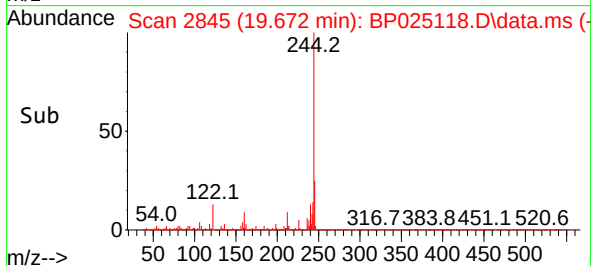
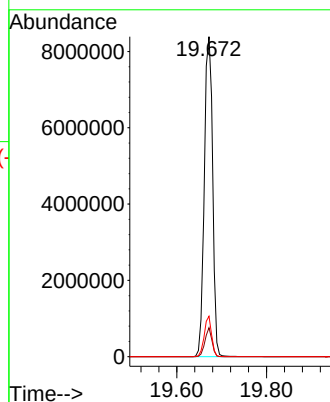
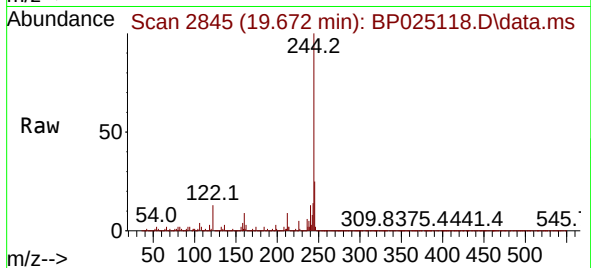
Tgt Ion:244 Resp:10767580

Ion Ratio Lower Upper

244 100

212 9.1 5.9 8.9#

122 12.7 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.687 ng

RT: 20.424 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BP025118.D

Acq: 14 Jul 2025 13:31

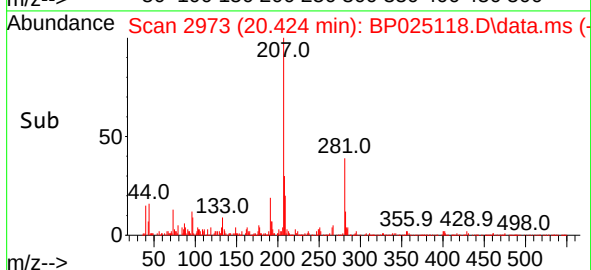
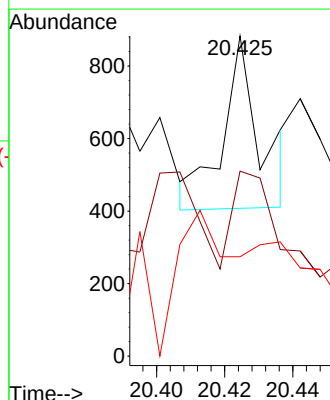
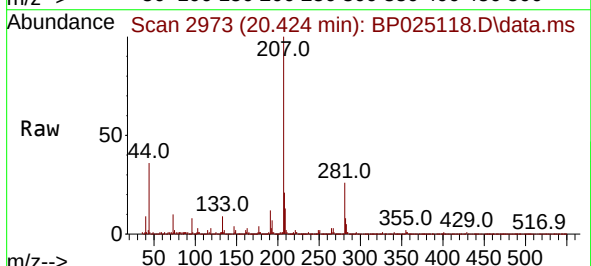
Tgt Ion:149 Resp: 361

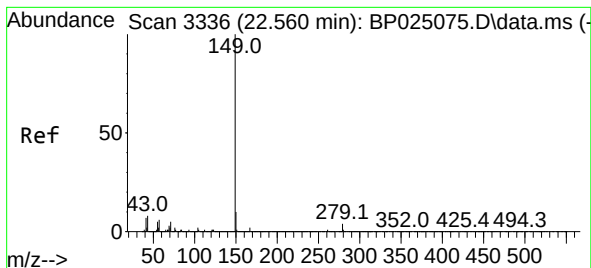
Ion Ratio Lower Upper

149 100

91 57.8 50.6 76.0

206 31.0 17.2 25.8#





#85

Di-n-octyl phthalate

Concen: 6.104 ng

RT: 22.530 min Scan# 31

Delta R.T. -0.030 min

Lab File: BP025118.D

Acq: 14 Jul 2025 13:31

Instrument :

BNA_P

ClientSampleId :

PB168816BL

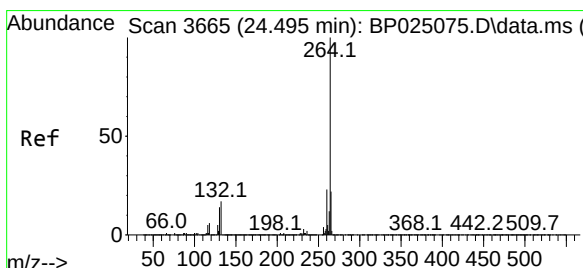
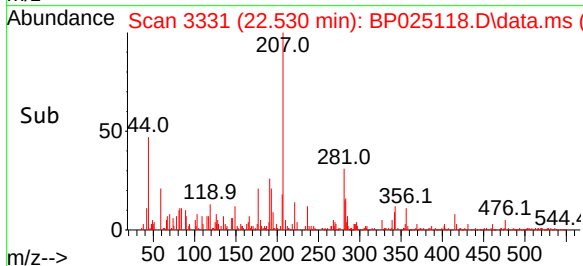
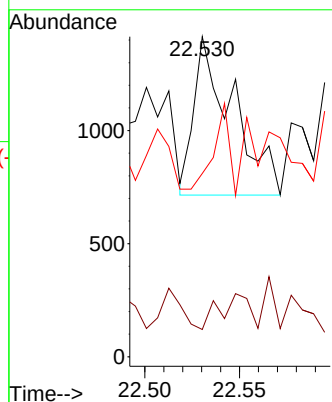
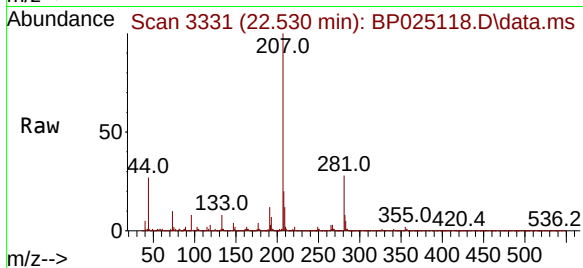
Tgt Ion:149 Resp: 1006

Ion Ratio Lower Upper

149 100

167 18.1 1.3 1.9#

43 23.7 6.9 10.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.460 min Scan# 3659

Delta R.T. -0.035 min

Lab File: BP025118.D

Acq: 14 Jul 2025 13:31

Tgt Ion:264 Resp: 2666838

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.7 17.7 26.5

