

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025174.D
 Acq On : 17 Jul 2025 12:08
 Operator : CG/JU
 Sample : PB168902BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168902BL

Quant Time: Jul 17 12:49:30 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)

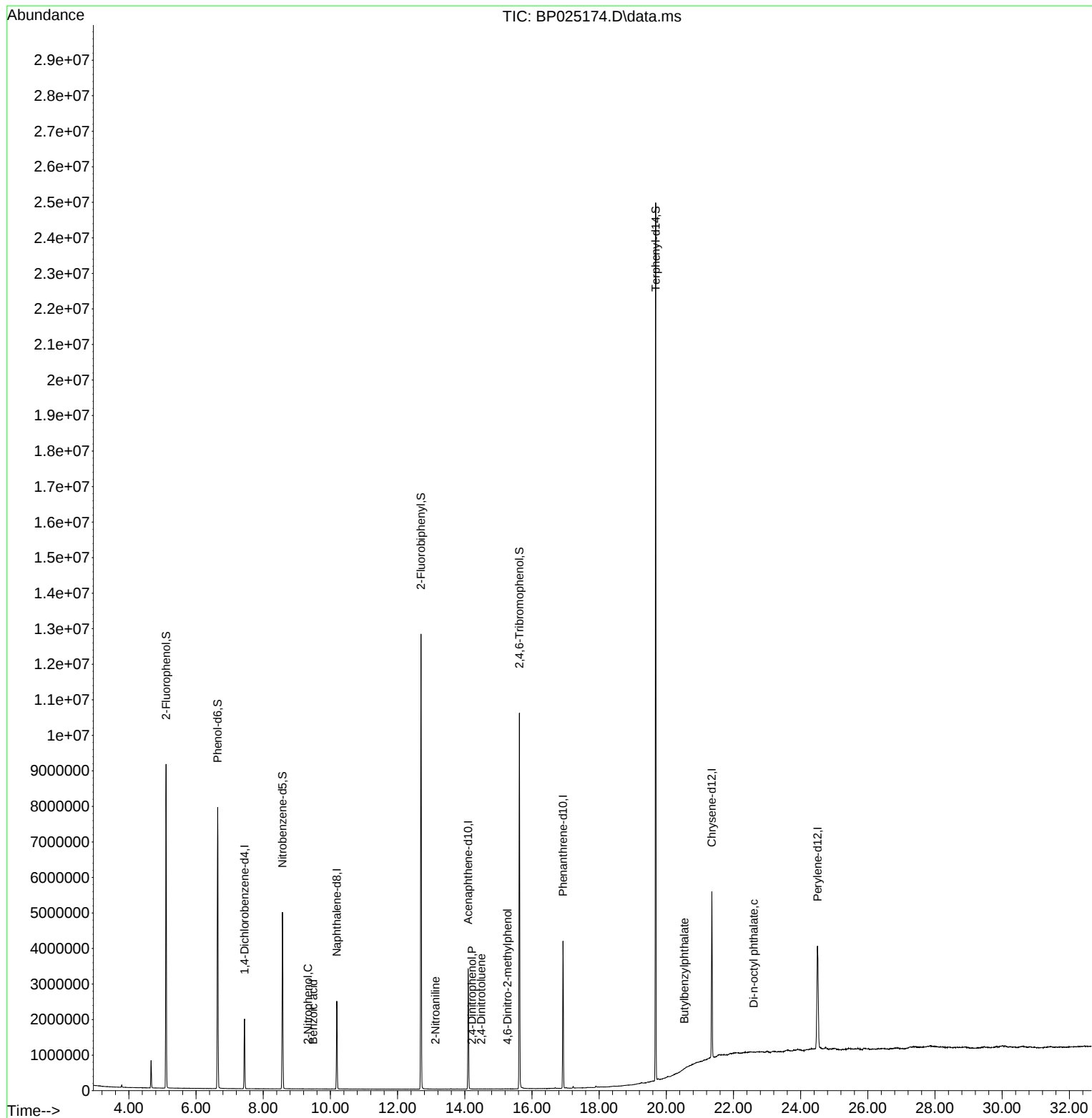
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	548500	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2045503	20.000	ng	0.00
39) Acenaphthene-d10	14.101	164	1233996	20.000	ng	0.01
64) Phenanthrene-d10	16.925	188	2511770	20.000	ng	0.02
76) Chrysene-d12	21.354	240	2723941	20.000	ng	0.01
86) Perylene-d12	24.501	264	3237598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	3948190	127.541	ng	0.01
7) Phenol-d6	6.643	99	4697304	116.277	ng	0.01
23) Nitrobenzene-d5	8.572	82	2851635	92.714	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	2256514	154.793	ng	0.00
45) 2-Fluorobiphenyl	12.696	172	7071850	88.780	ng	0.00
79) Terphenyl-d14	19.683	244	10973672	88.540	ng	0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.331	139	137	3.310	ng	# 1
32) Benzoic acid	9.490	122	488	6.223	ng	# 1
48) 2-Nitroaniline	13.131	65	153	2.773	ng	# 20
54) 2,4-Dinitrophenol	14.213	184	30	5.388	ng	# 1
57) 2,4-Dinitrotoluene	14.490	165	260	2.647	ng	# 30
65) 4,6-Dinitro-2-methylph...	15.272	198	17	5.580	ng	# 1
80) Butylbenzylphthalate	20.536	149	536	3.690	ng	99
85) Di-n-octyl phthalate	22.601	149	1315	6.106	ng	# 1

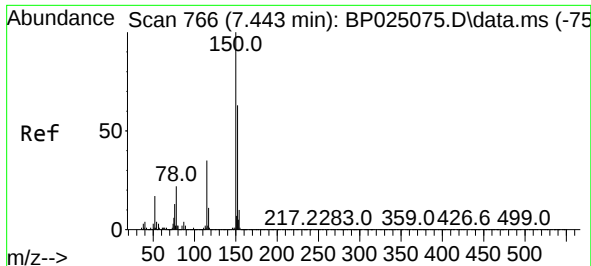
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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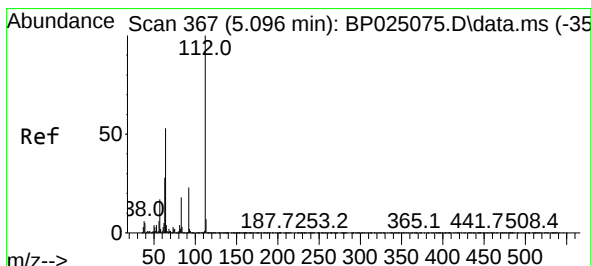
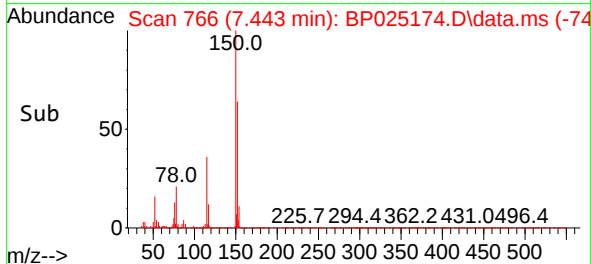
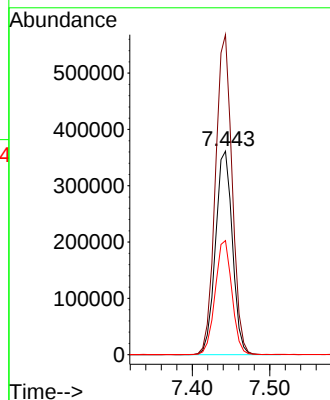
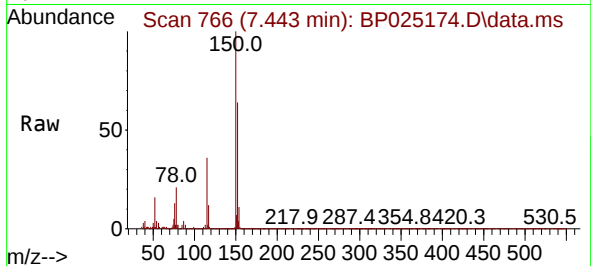




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

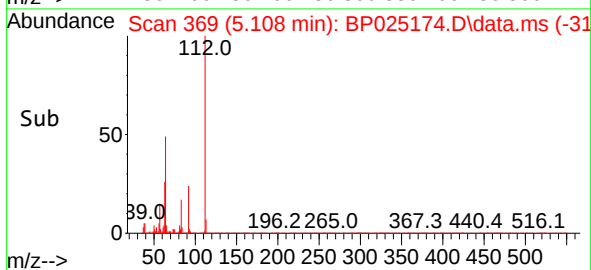
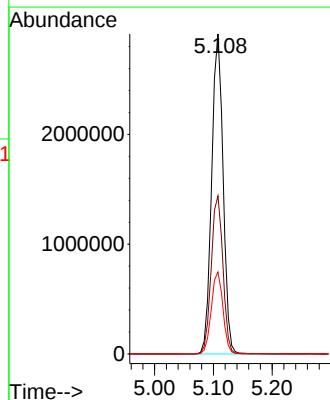
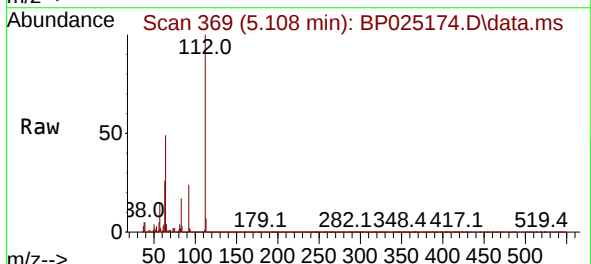
Instrument :
BNA_P
ClientSampleId :
PB168902BL

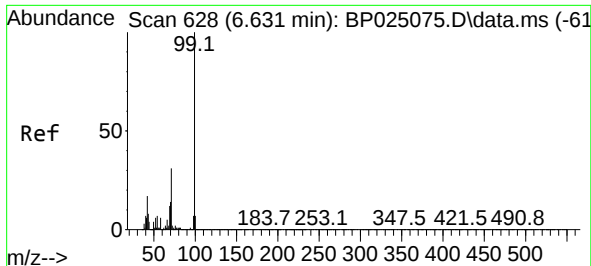
Tgt Ion:152 Resp: 548500
Ion Ratio Lower Upper
152 100
150 157.3 126.1 189.1
115 56.1 44.3 66.5



#5
2-Fluorophenol
Concen: 127.541 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.012 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

Tgt Ion:112 Resp: 3948190
Ion Ratio Lower Upper
112 100
64 49.4 42.0 63.0
63 25.7 22.2 33.2



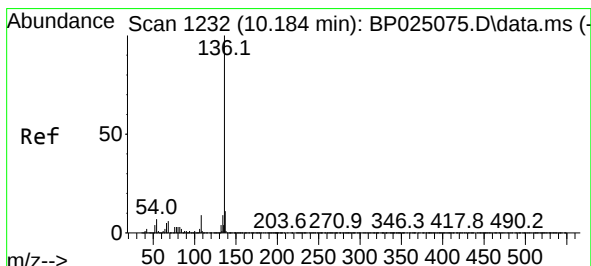
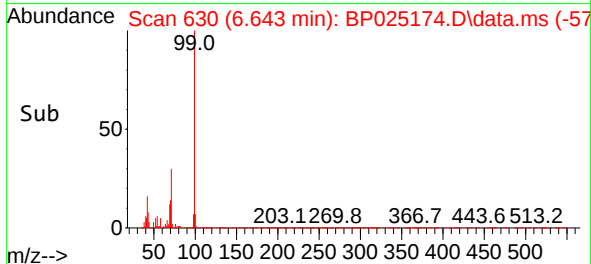
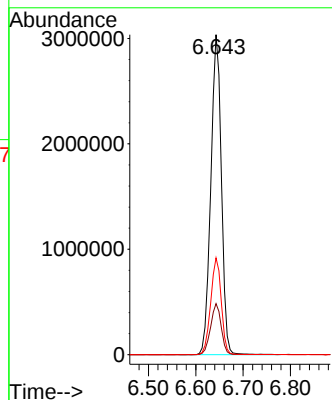
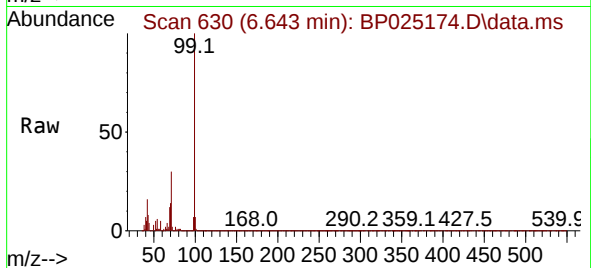


#7
Phenol-d6
Concen: 116.277 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

Instrument :
BNA_P
ClientSampleId :
PB168902BL

Tgt Ion: 99 Resp: 4697304

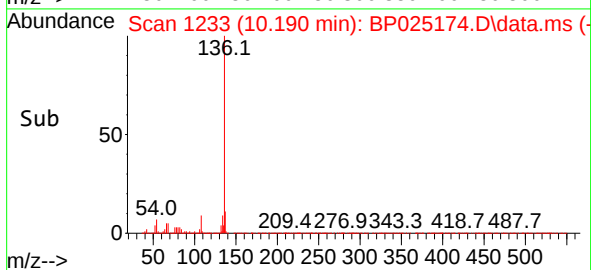
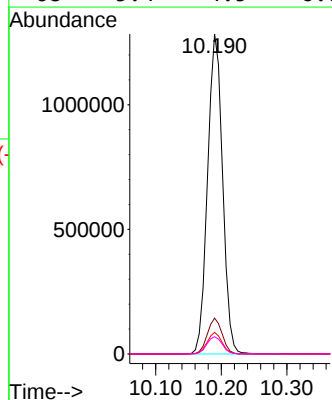
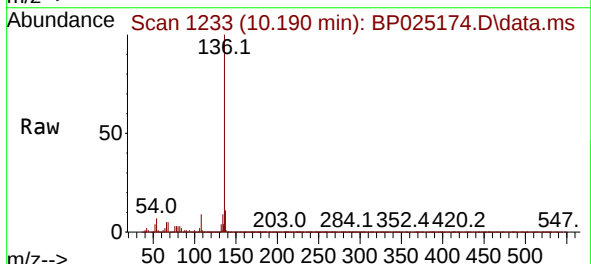
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.6	20.4
71	30.2	24.4	36.6

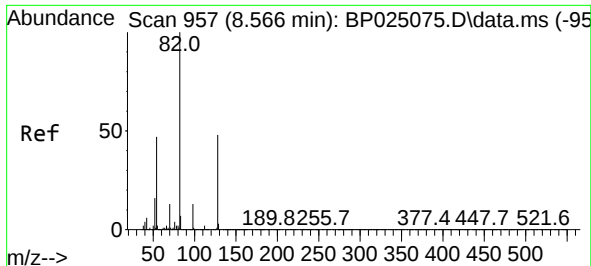


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

Tgt Ion: 136 Resp: 2045503

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.8	5.4	8.2
68	5.4	4.5	6.7

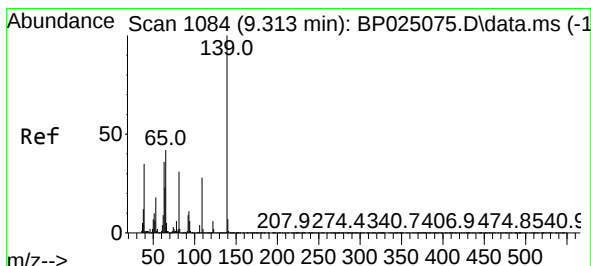
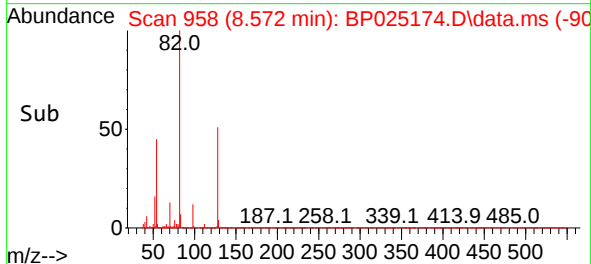
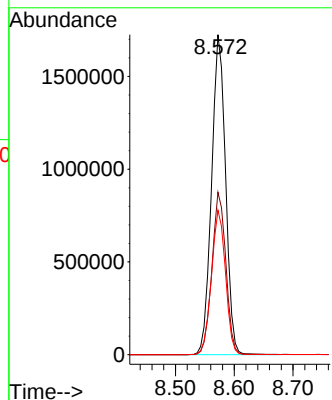
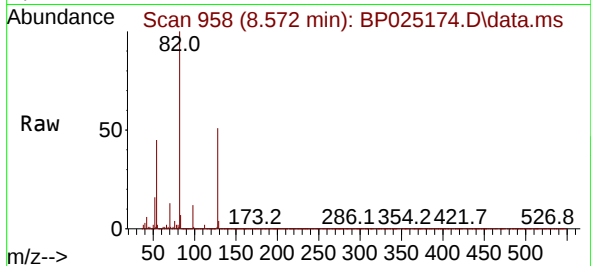




#23
Nitrobenzene-d5
Concen: 92.714 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

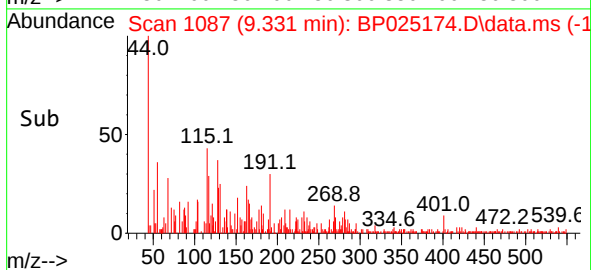
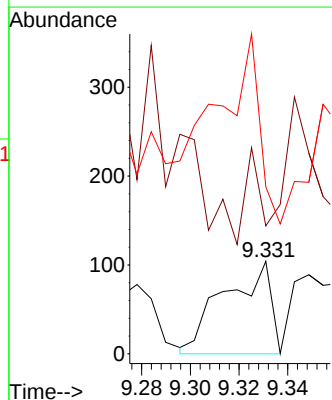
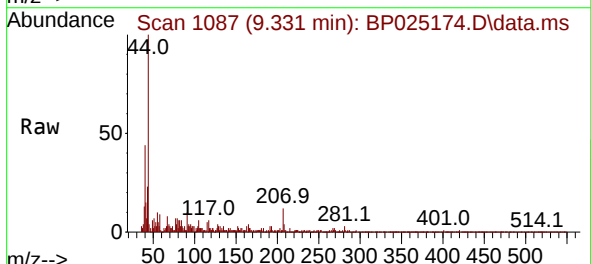
Instrument :
BNA_P
ClientSampleId :
PB168902BL

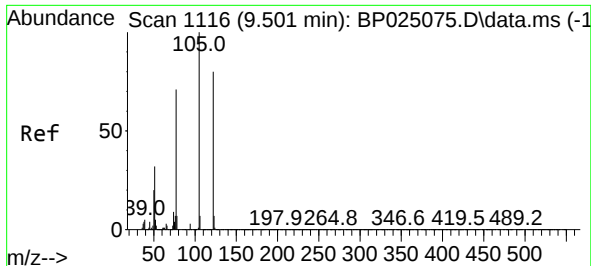
Tgt Ion: 82 Resp: 2851635
Ion Ratio Lower Upper
82 100
128 50.8 38.4 57.6
54 45.2 37.8 56.6



#26
2-Nitrophenol
Concen: 3.310 ng
RT: 9.331 min Scan# 1087
Delta R.T. 0.018 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

Tgt Ion:139 Resp: 137
Ion Ratio Lower Upper
139 100
109 113.4 22.3 33.5#
65 148.0 33.8 50.8#

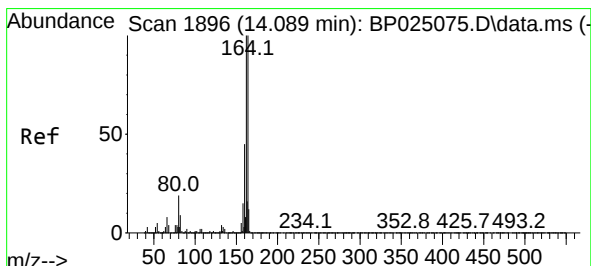
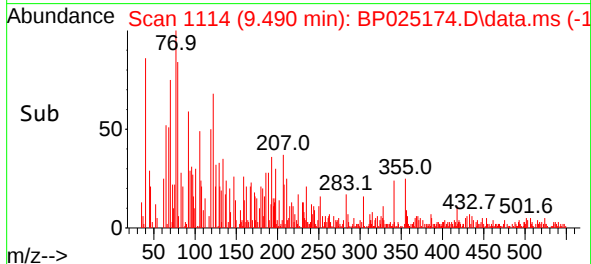
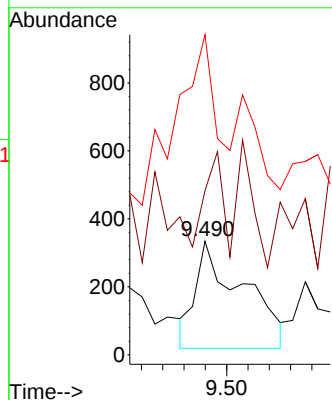
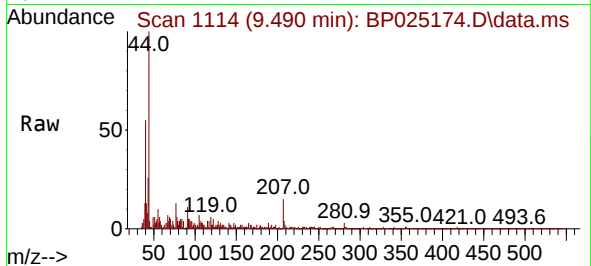




#32
Benzoic acid
Concen: 6.223 ng
RT: 9.490 min Scan# 1116
Delta R.T. -0.011 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

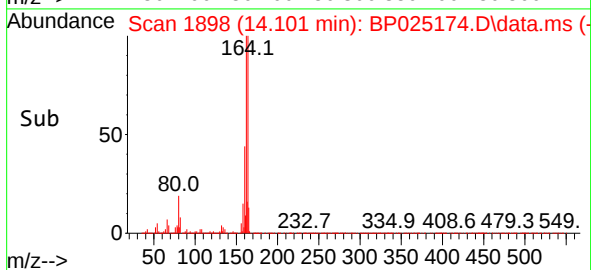
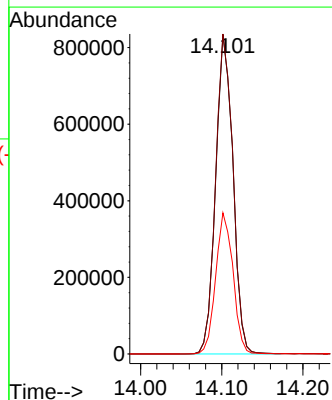
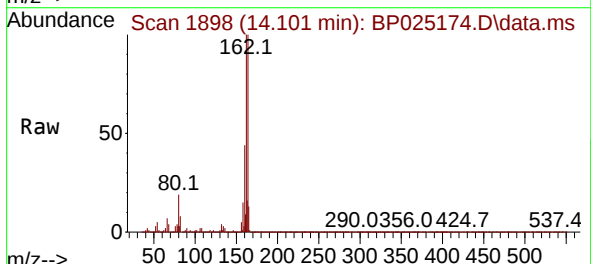
Instrument :
BNA_P
ClientSampleId :
PB168902BL

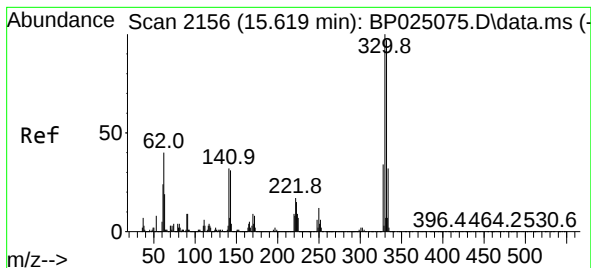
Tgt Ion:122 Resp: 488
Ion Ratio Lower Upper
122 100
105 144.6 101.0 141.0#
77 282.0 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.101 min Scan# 1898
Delta R.T. 0.012 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

Tgt Ion:164 Resp: 1233996
Ion Ratio Lower Upper
164 100
162 100.2 80.3 120.5
160 44.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 154.793 ng

RT: 15.625 min Scan# 2156

Delta R.T. 0.006 min

Lab File: BP025174.D

Acq: 17 Jul 2025 12:08

Instrument :

BNA_P

ClientSampleId :

PB168902BL

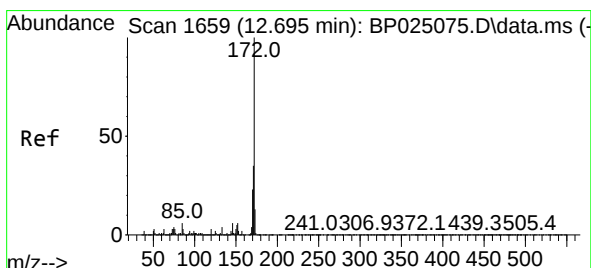
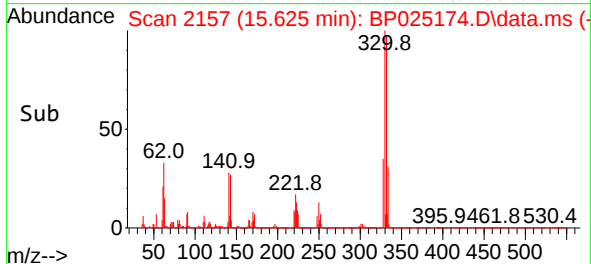
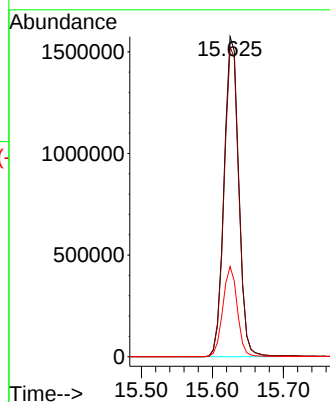
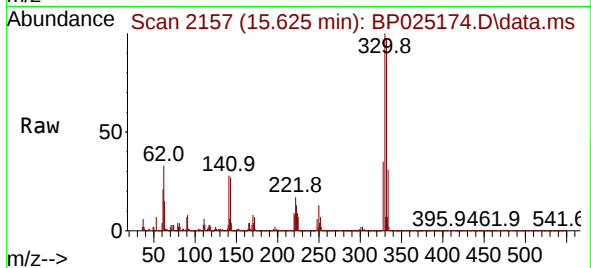
Tgt Ion:330 Resp: 2256514

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

141 27.6 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 88.780 ng

RT: 12.696 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BP025174.D

Acq: 17 Jul 2025 12:08

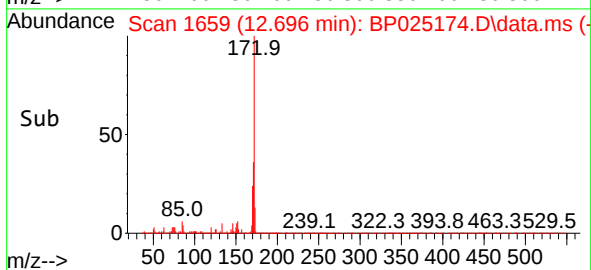
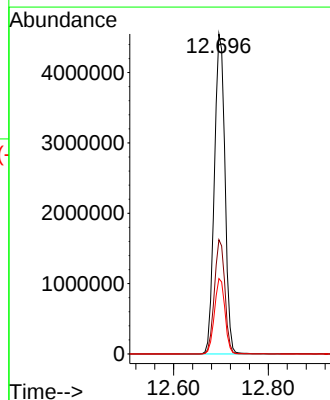
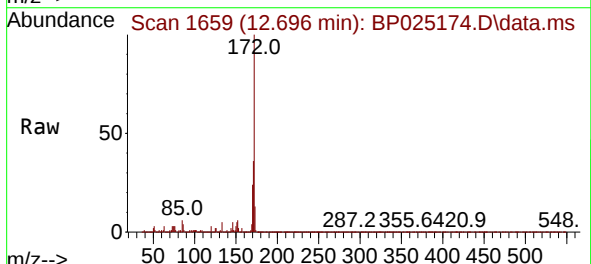
Tgt Ion:172 Resp: 7071850

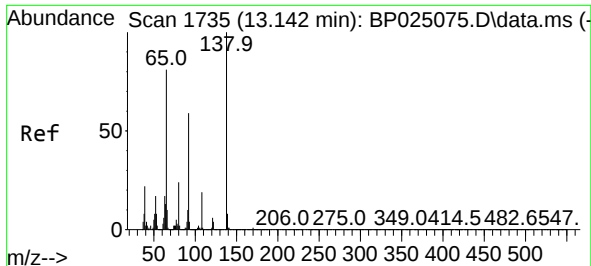
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.6 18.7 28.1

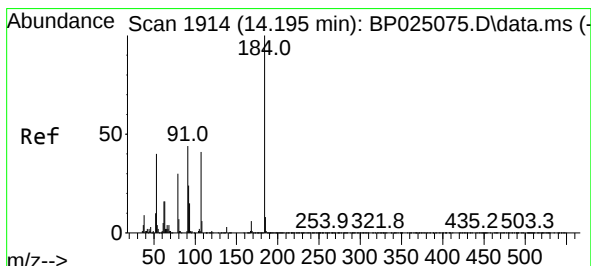
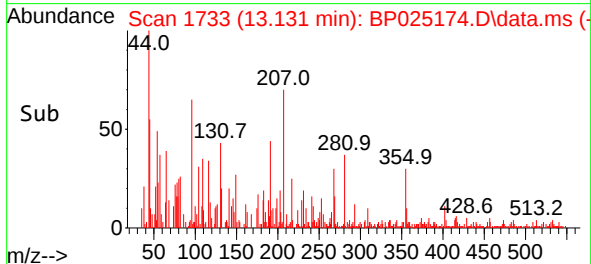
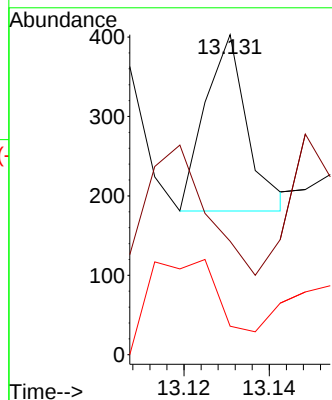
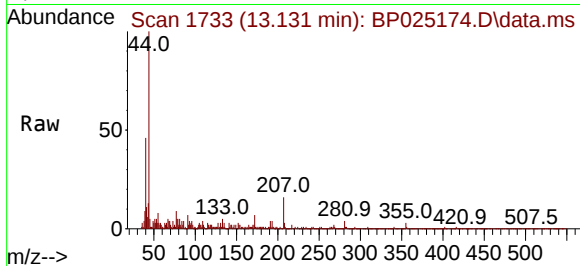




#48
2-Nitroaniline
Concen: 2.773 ng
RT: 13.131 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

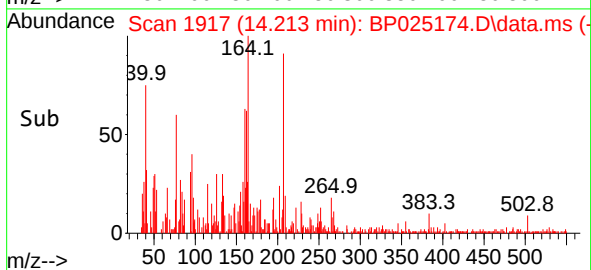
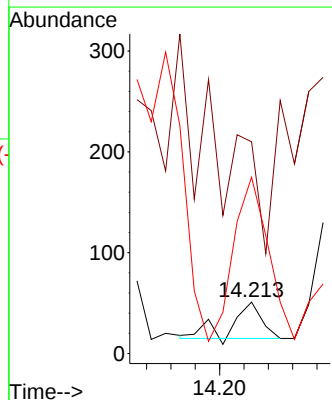
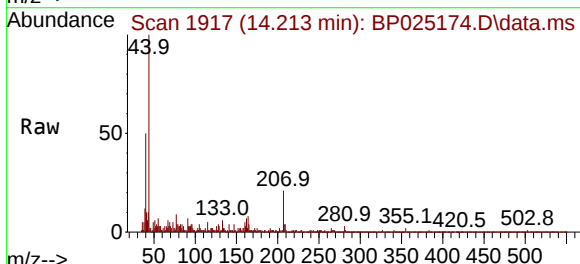
Instrument :
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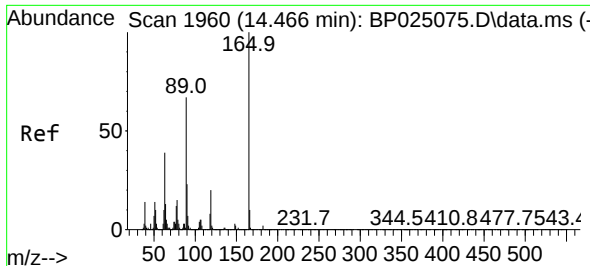
Tgt Ion: 65 Resp: 153
Ion Ratio Lower Upper
65 100
92 35.5 58.7 88.1#
138 8.9 99.0 148.4#



#54
2,4-Dinitrophenol
Concen: 5.388 ng
RT: 14.213 min Scan# 1917
Delta R.T. 0.018 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

Tgt Ion: 184 Resp: 30
Ion Ratio Lower Upper
184 100
63 207.9 47.4 71.0#
154 173.3 47.8 71.8#

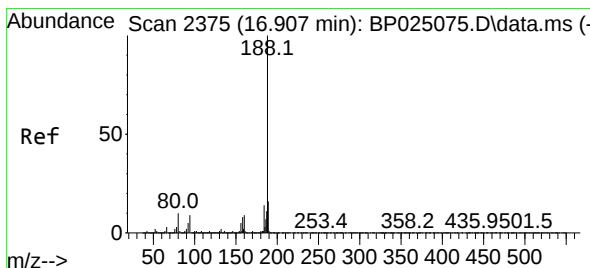
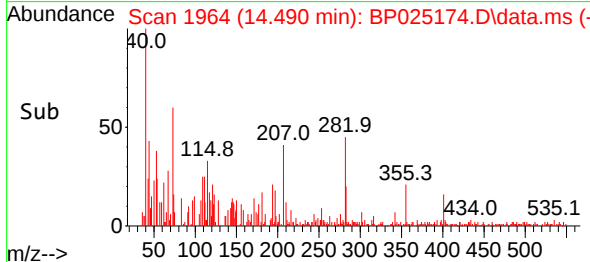
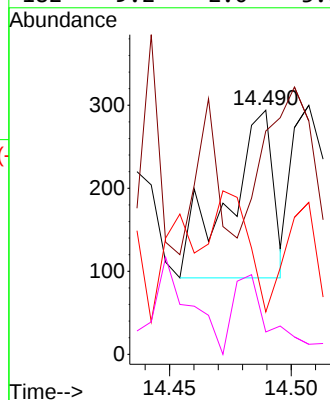
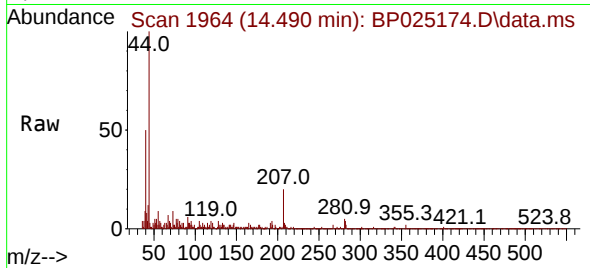




#57
2,4-Dinitrotoluene
Concen: 2.647 ng
RT: 14.490 min Scan# 1964
Delta R.T. 0.024 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

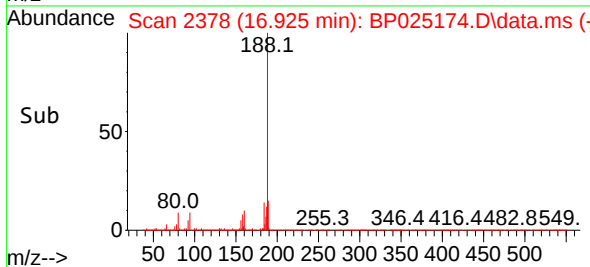
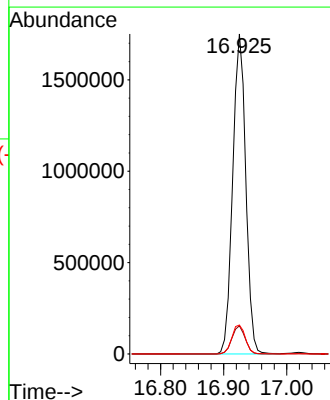
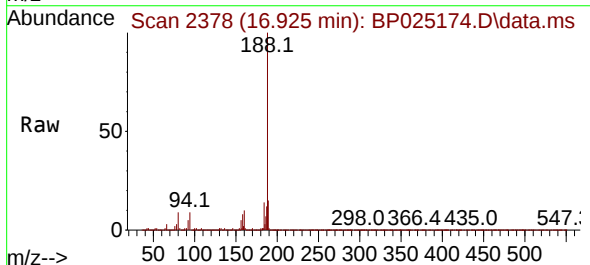
Instrument :
BNA_P
ClientSampleId :
PB168902BL

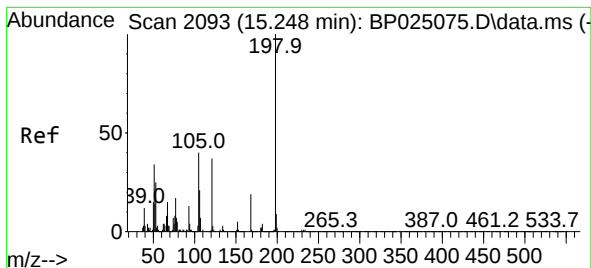
Tgt Ion:165 Resp: 260
Ion Ratio Lower Upper
165 100
63 91.5 31.0 46.4#
89 17.3 53.4 80.0#
182 9.2 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.925 min Scan# 2378
Delta R.T. 0.018 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

Tgt Ion:188 Resp: 2511770
Ion Ratio Lower Upper
188 100
94 8.8 7.3 10.9
80 9.0 7.8 11.6

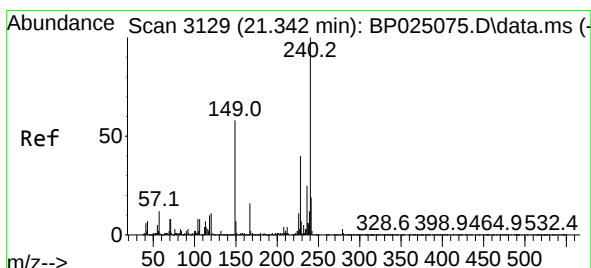
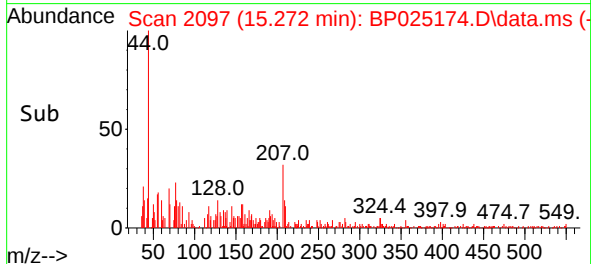
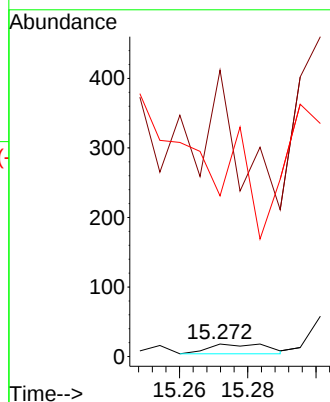
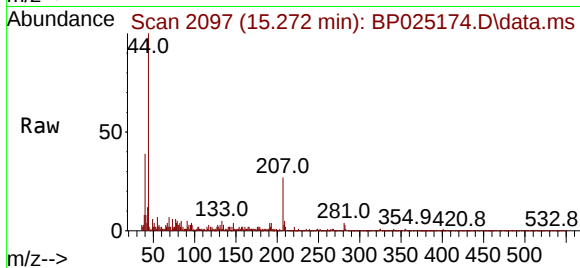




#65
4,6-Dinitro-2-methylphenol
Concen: 5.580 ng
RT: 15.272 min Scan# 2097
Delta R.T. 0.024 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

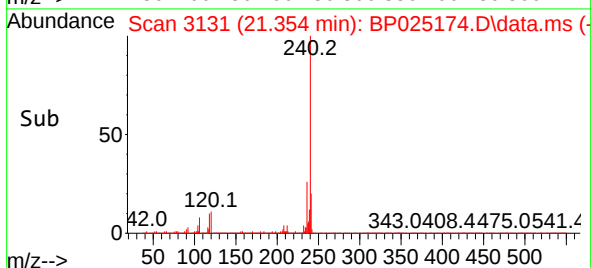
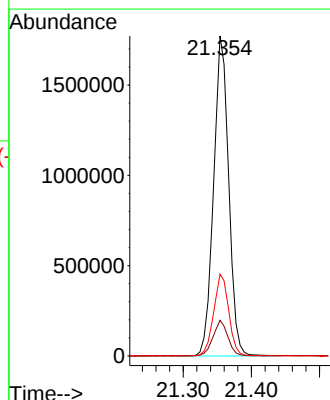
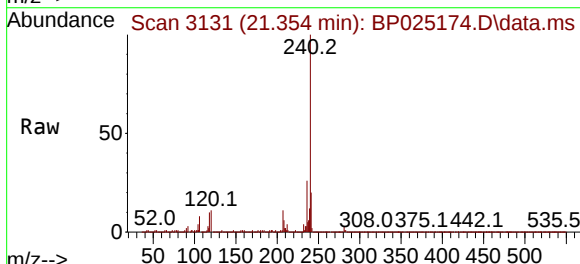
Instrument :
BNA_P
ClientSampleId :
PB168902BL

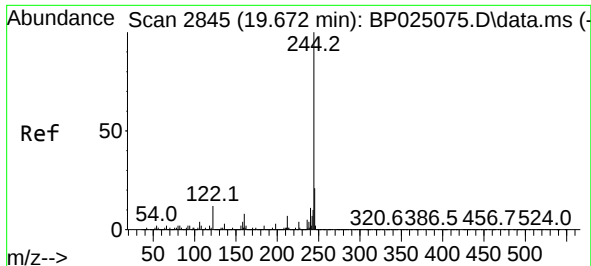
Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 2288.9 16.8 56.8#
105 1283.3 20.8 60.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

Tgt Ion:240 Resp: 2723941
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.5 20.3 30.5

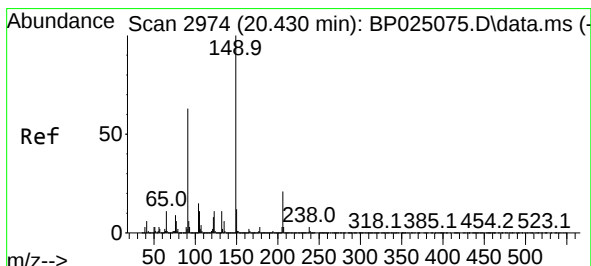
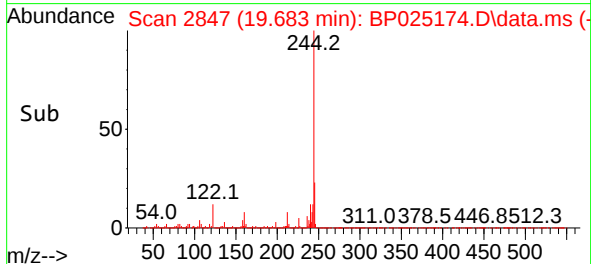
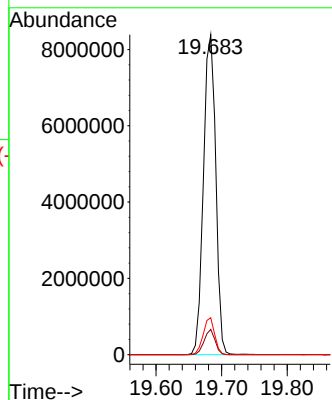
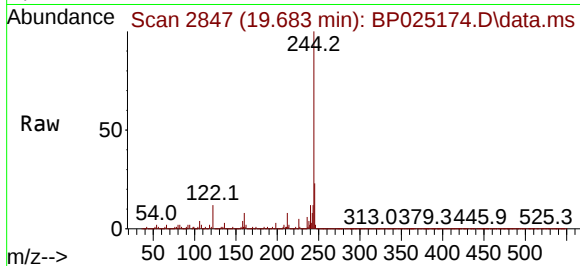




#79
 Terphenyl-d14
 Concen: 88.540 ng
 RT: 19.683 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP025174.D
 Acq: 17 Jul 2025 12:08

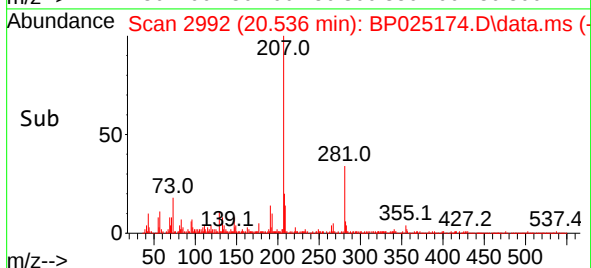
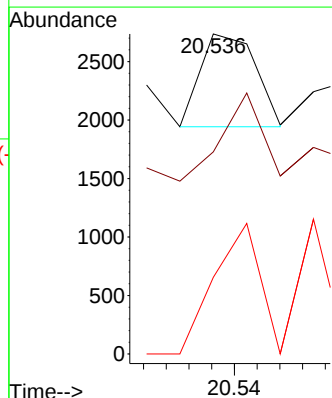
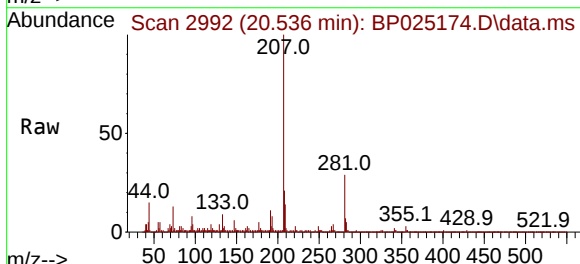
Instrument :
 BNA_P
 ClientSampleId :
 PB168902BL

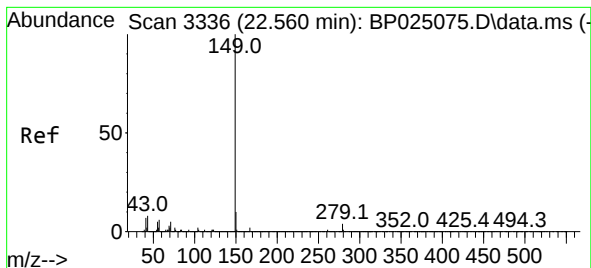
Tgt Ion:244 Resp:10973672
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 11.6 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 3.690 ng
 RT: 20.536 min Scan# 2992
 Delta R.T. 0.106 min
 Lab File: BP025174.D
 Acq: 17 Jul 2025 12:08

Tgt Ion:149 Resp: 536
 Ion Ratio Lower Upper
 149 100
 91 63.2 50.6 76.0
 206 23.9 17.2 25.8





#85

Di-n-octyl phthalate

Concen: 6.106 ng

RT: 22.601 min Scan# 31

Delta R.T. 0.041 min

Lab File: BP025174.D

Acq: 17 Jul 2025 12:08

Instrument :

BNA_P

ClientSampleId :

PB168902BL

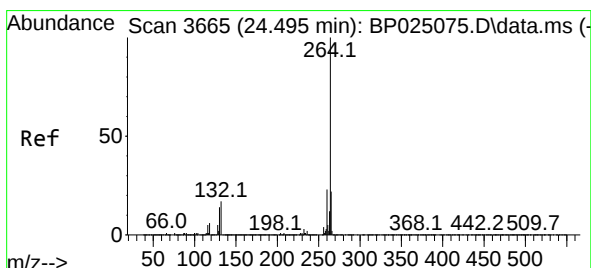
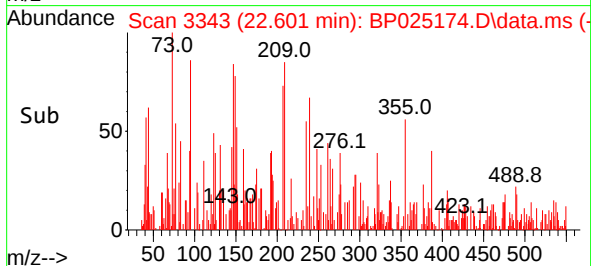
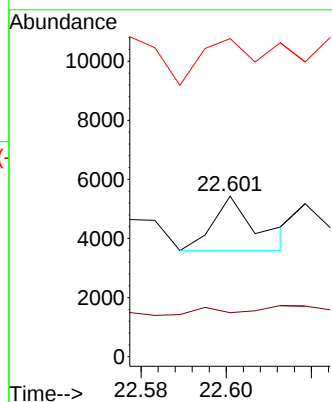
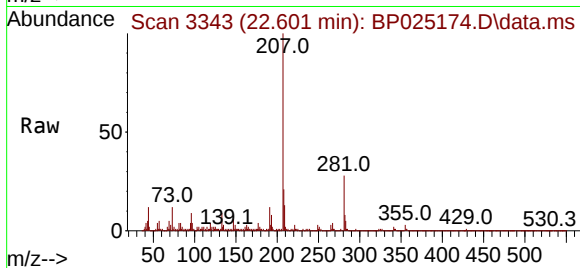
Tgt Ion:149 Resp: 1315

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 97.3 6.9 10.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.501 min Scan# 3666

Delta R.T. 0.006 min

Lab File: BP025174.D

Acq: 17 Jul 2025 12:08

Tgt Ion:264 Resp: 3237598

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.3 17.7 26.5

