

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025172.D
 Acq On : 17 Jul 2025 10:45
 Operator : CG/JU
 Sample : PB168875BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168875BL

Quant Time: Jul 17 11:57:11 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)

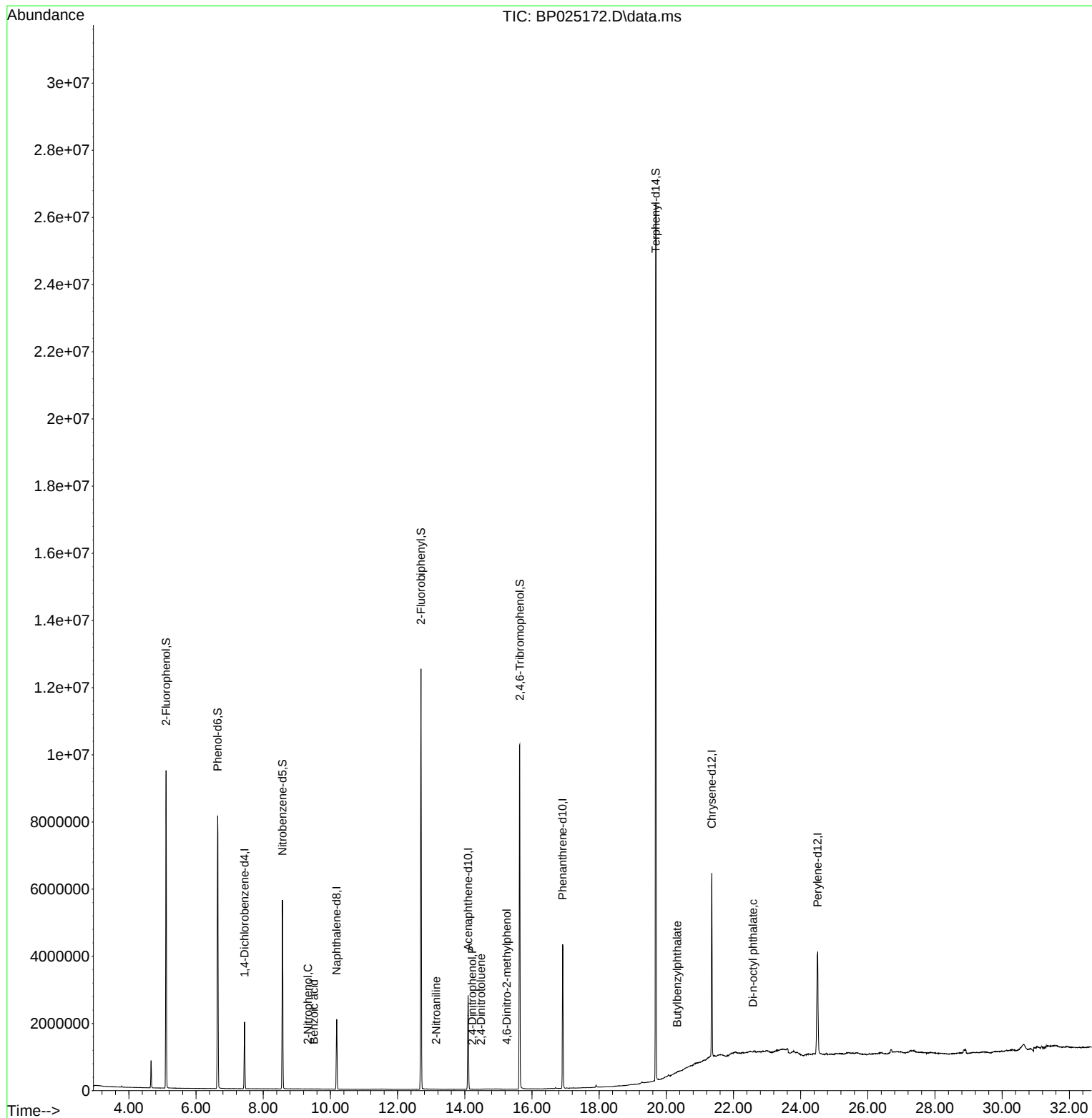
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	565195	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1877532	20.000	ng	0.00
39) Acenaphthene-d10	14.101	164	1204832	20.000	ng	0.01
64) Phenanthrene-d10	16.913	188	2729441	20.000	ng	0.00
76) Chrysene-d12	21.354	240	3017440	20.000	ng	0.01
86) Perylene-d12	24.507	264	3052715	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4140164	129.792	ng	0.01
7) Phenol-d6	6.643	99	4955430	119.043	ng	0.01
23) Nitrobenzene-d5	8.572	82	2995091	106.091	ng	0.00
42) 2,4,6-Tribromophenol	15.637	330	2330339	163.727	ng	0.02
45) 2-Fluorobiphenyl	12.696	172	6991809	89.900	ng	0.00
79) Terphenyl-d14	19.683	244	12167134	88.621	ng	0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.331	139	68	3.306	ng	# 1
32) Benzoic acid	9.508	122	142	6.210	ng	# 1
48) 2-Nitroaniline	13.149	65	304	2.782	ng	# 25
54) 2,4-Dinitrophenol	14.219	184	12	5.386	ng	# 1
57) 2,4-Dinitrotoluene	14.484	165	555	2.659	ng	# 80
65) 4,6-Dinitro-2-methylph...	15.248	198	55	5.583	ng	# 1
80) Butylbenzylphthalate	20.325	149	1531	3.702	ng	97
85) Di-n-octyl phthalate	22.583	149	882	6.103	ng	# 79

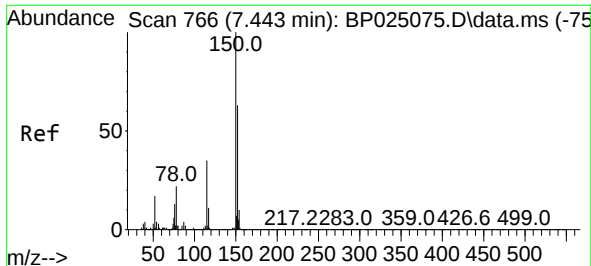
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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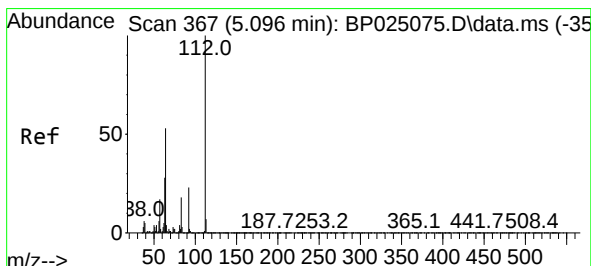
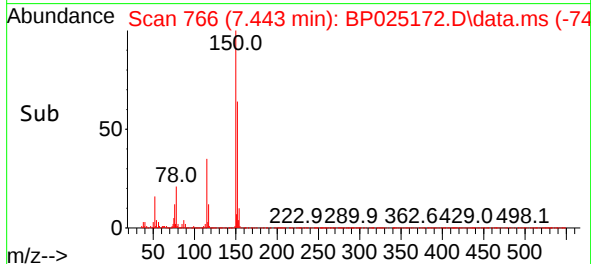
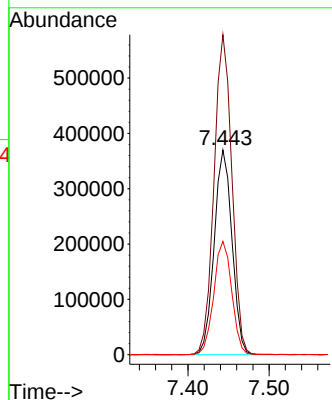
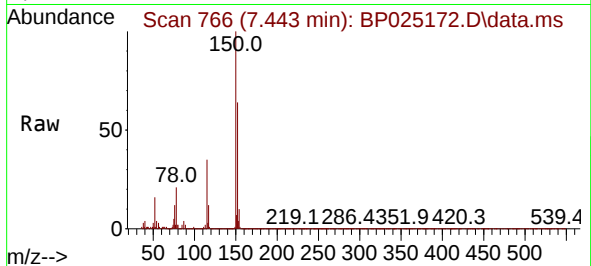




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

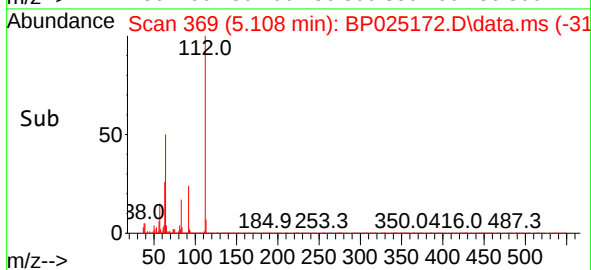
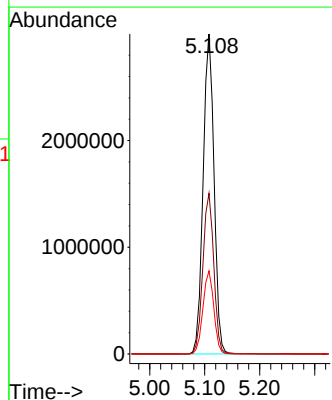
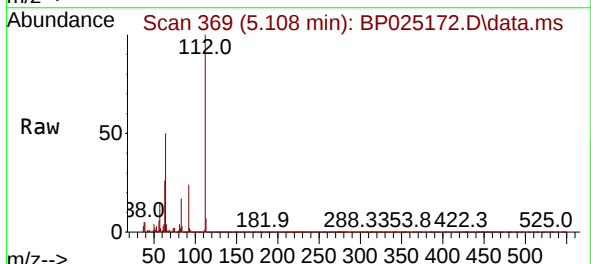
Instrument :
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ClientSampleId :
PB168875BL

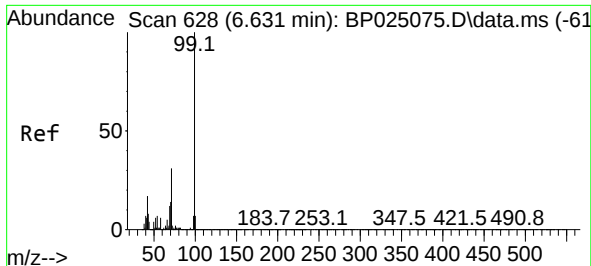
Tgt Ion:152 Resp: 565195
Ion Ratio Lower Upper
152 100
150 156.3 126.1 189.1
115 55.3 44.3 66.5



#5
2-Fluorophenol
Concen: 129.792 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.012 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

Tgt Ion:112 Resp: 4140164
Ion Ratio Lower Upper
112 100
64 50.2 42.0 63.0
63 26.0 22.2 33.2

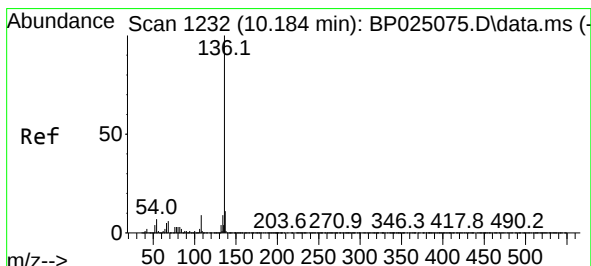
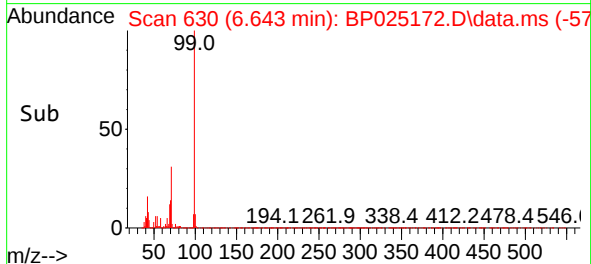
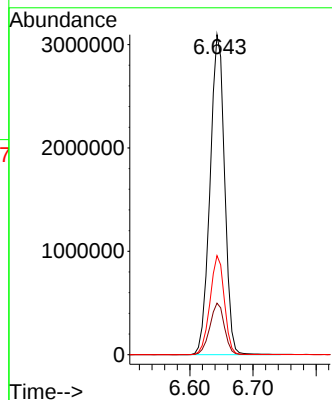
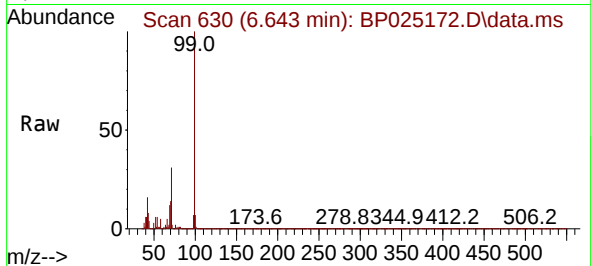




#7
Phenol-d6
Concen: 119.043 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

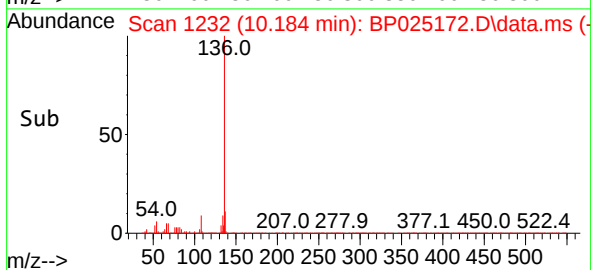
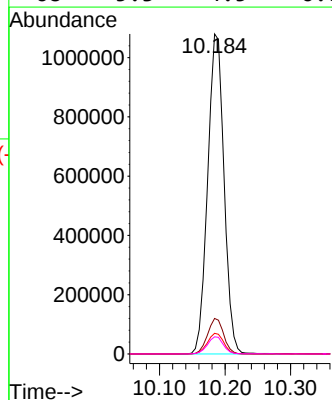
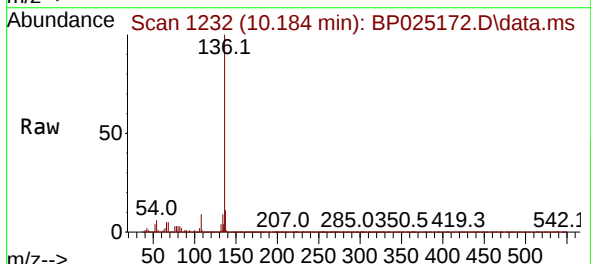
Instrument :
BNA_P
ClientSampleId :
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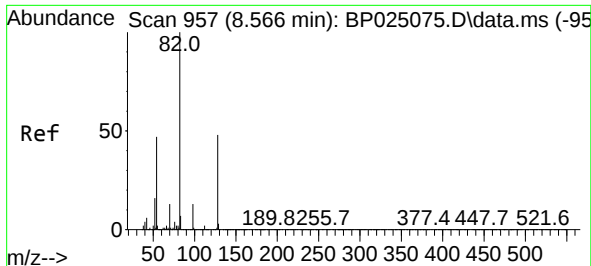
Tgt Ion: 99 Resp: 4955430
Ion Ratio Lower Upper
99 100
42 16.1 13.6 20.4
71 31.0 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

Tgt Ion: 136 Resp: 1877532
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.4 5.4 8.2
68 5.3 4.5 6.7

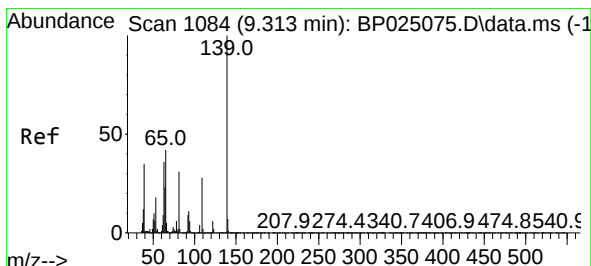
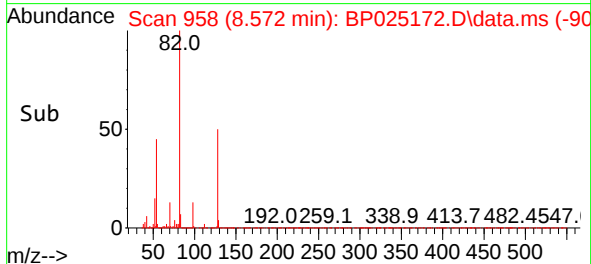
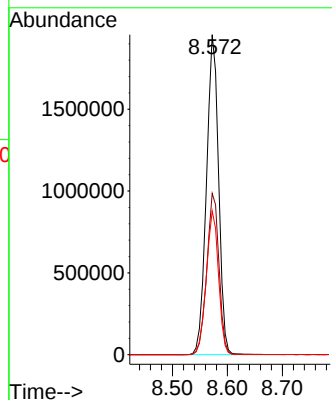
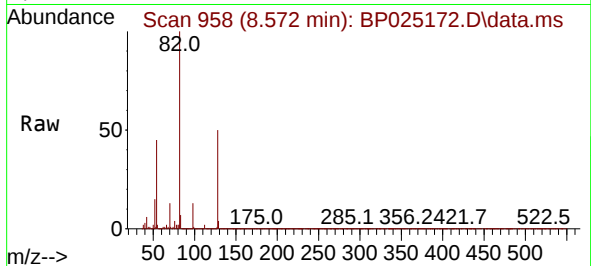




#23
Nitrobenzene-d5
Concen: 106.091 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

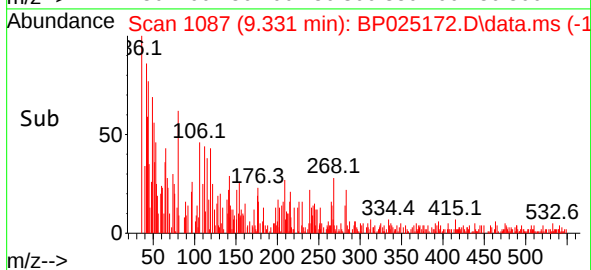
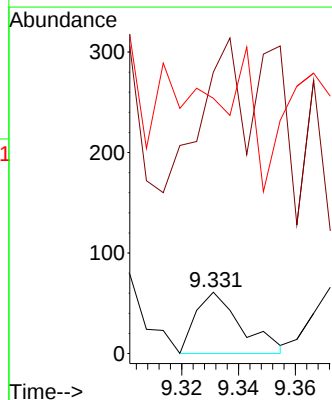
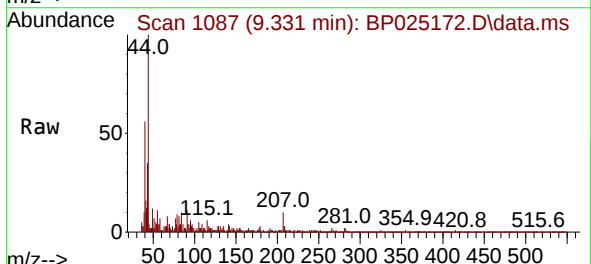
Instrument :
BNA_P
ClientSampleId :
PB168875BL

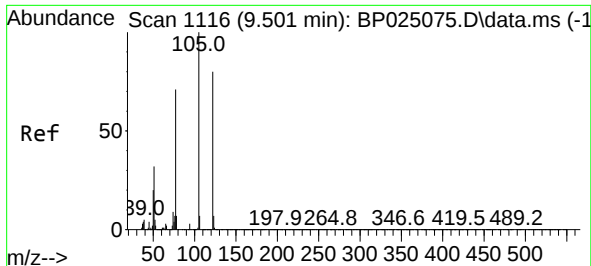
Tgt Ion: 82 Resp: 2995091
Ion Ratio Lower Upper
82 100
128 50.4 38.4 57.6
54 44.9 37.8 56.6



#26
2-Nitrophenol
Concen: 3.306 ng
RT: 9.331 min Scan# 1087
Delta R.T. 0.018 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

Tgt Ion:139 Resp: 68
Ion Ratio Lower Upper
139 100
109 459.0 22.3 33.5#
65 416.4 33.8 50.8#

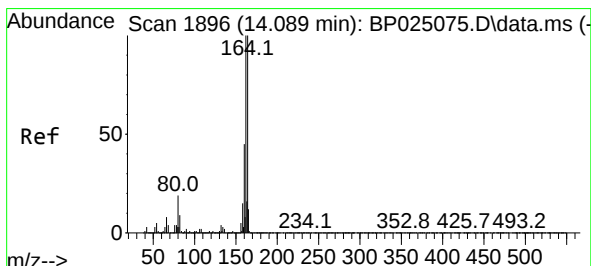
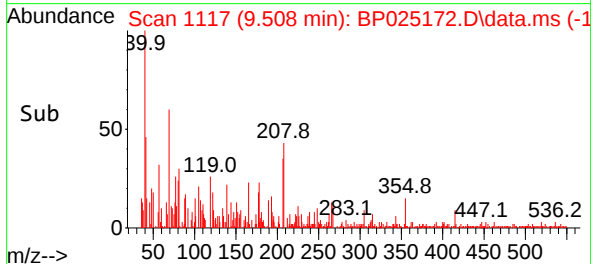
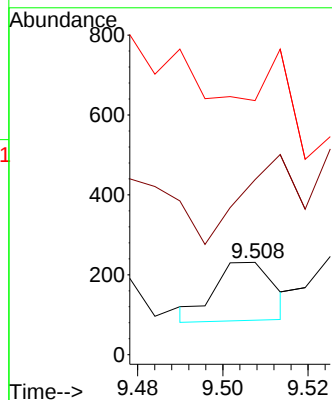
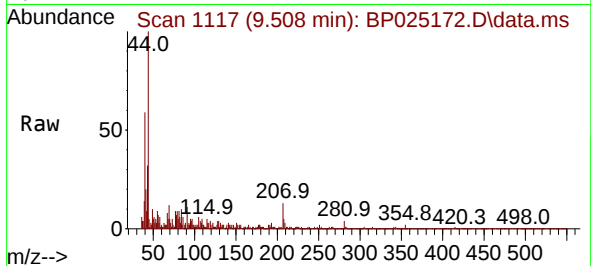




#32
Benzoic acid
Concen: 6.210 ng
RT: 9.508 min Scan# 1117
Delta R.T. 0.007 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

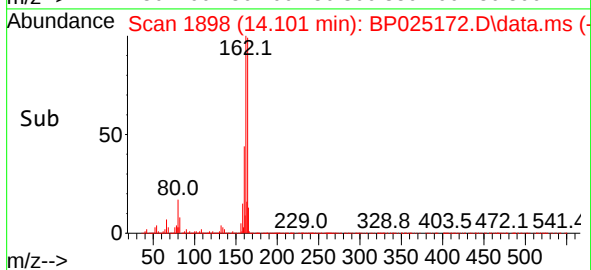
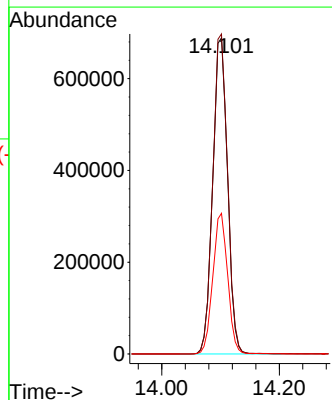
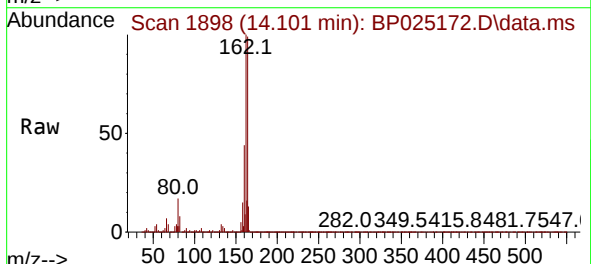
Instrument :
BNA_P
ClientSampleId :
PB168875BL

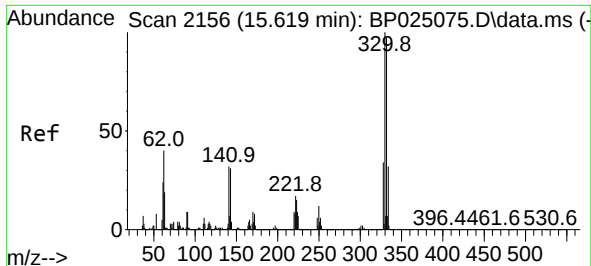
Tgt Ion:122 Resp: 142
Ion Ratio Lower Upper
122 100
105 189.6 101.0 141.0#
77 275.3 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.101 min Scan# 1898
Delta R.T. 0.012 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

Tgt Ion:164 Resp: 1204832
Ion Ratio Lower Upper
164 100
162 101.2 80.3 120.5
160 44.5 35.9 53.9

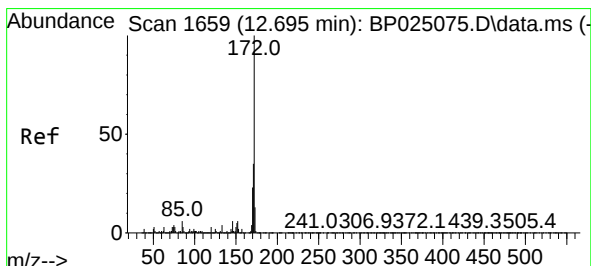
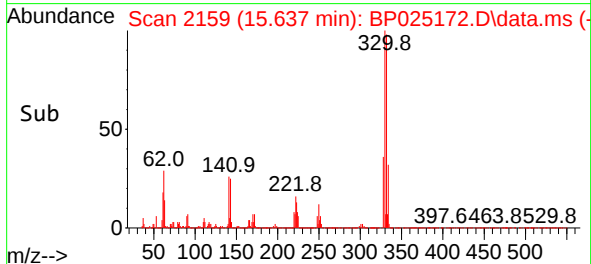
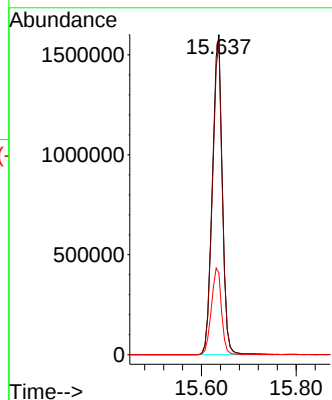
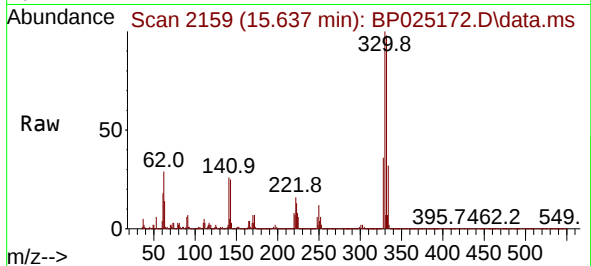




#42
2,4,6-Tribromophenol
Concen: 163.727 ng
RT: 15.637 min Scan# 2156
Delta R.T. 0.018 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

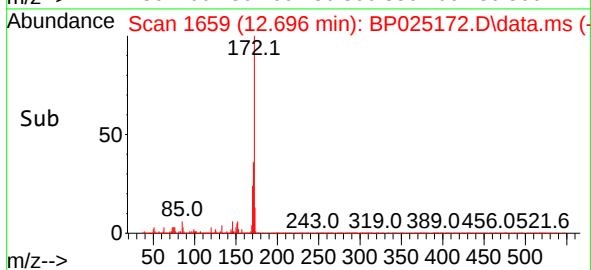
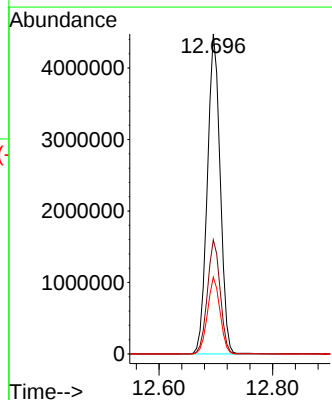
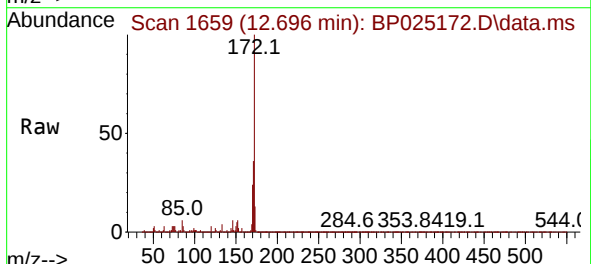
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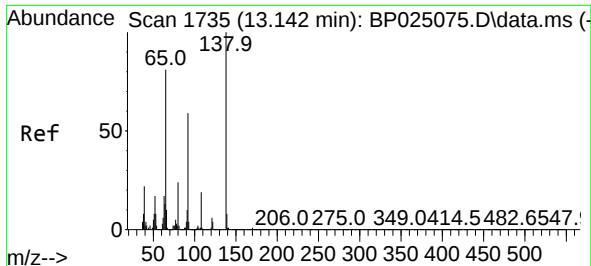
Tgt Ion:330 Resp: 2330339
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 27.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 89.900 ng
RT: 12.696 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

Tgt Ion:172 Resp: 6991809
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.0 18.7 28.1

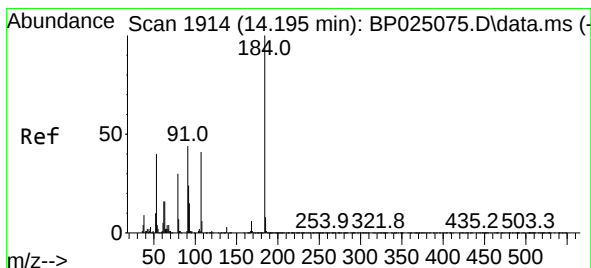
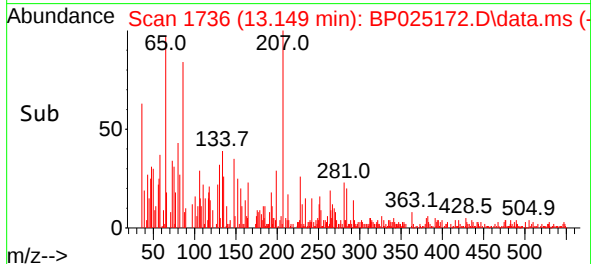
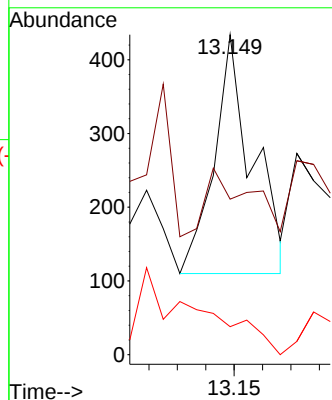
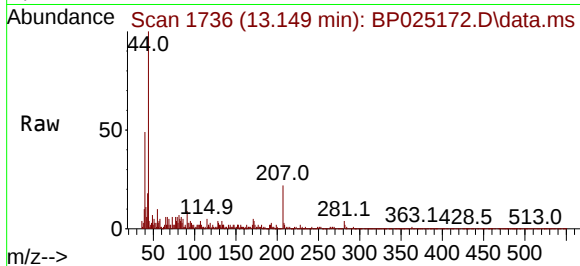




#48
2-Nitroaniline
Concen: 2.782 ng
RT: 13.149 min Scan# 11
Delta R.T. 0.007 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

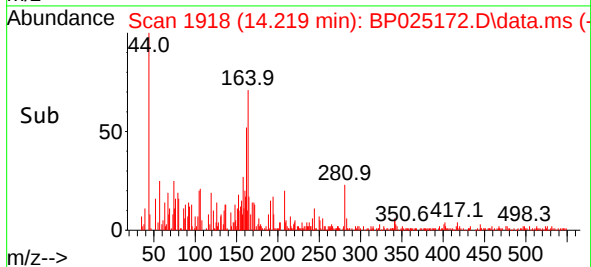
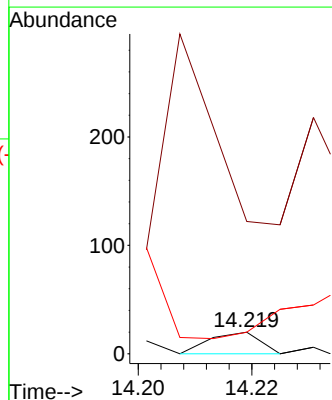
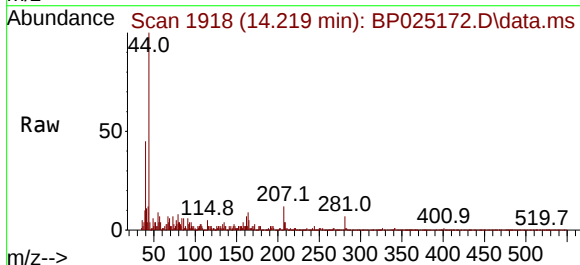
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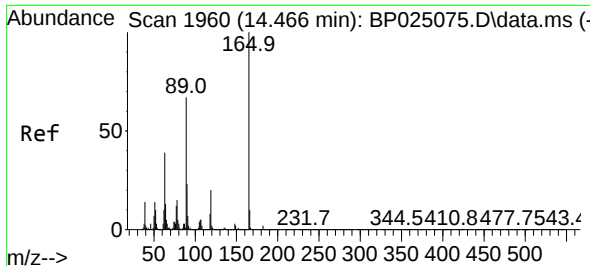
Tgt Ion: 65 Resp: 304
Ion Ratio Lower Upper
65 100
92 48.6 58.7 88.1#
138 8.8 99.0 148.4#



#54
2,4-Dinitrophenol
Concen: 5.386 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.024 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

Tgt Ion: 184 Resp: 12
Ion Ratio Lower Upper
184 100
63 610.0 47.4 71.0#
154 100.0 47.8 71.8#

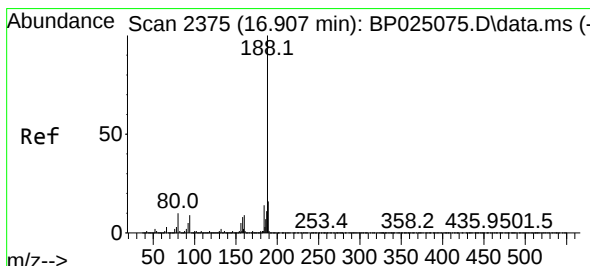
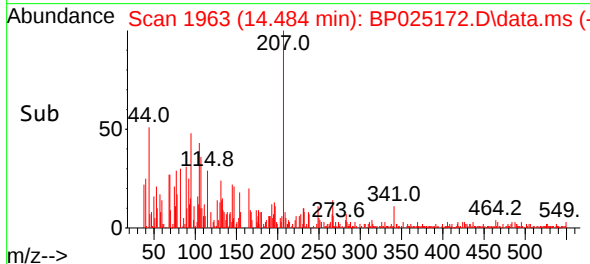
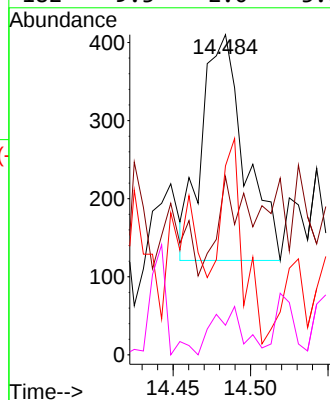
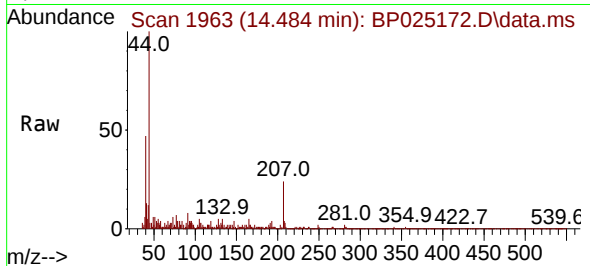




#57
2,4-Dinitrotoluene
Concen: 2.659 ng
RT: 14.484 min Scan# 1963
Delta R.T. 0.018 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

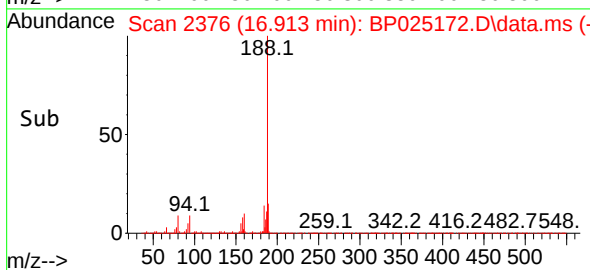
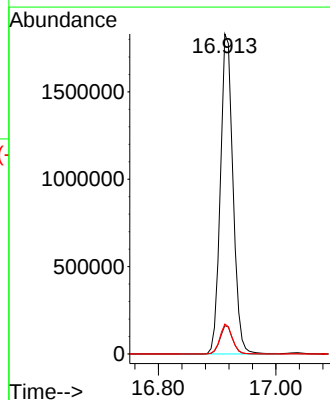
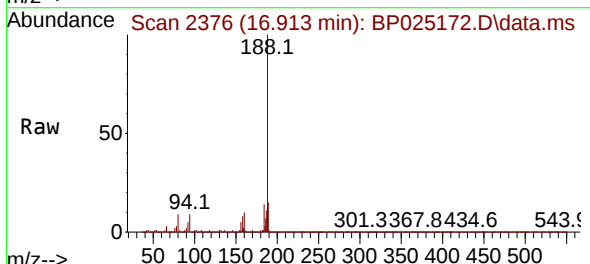
Instrument :
BNA_P
ClientSampleId :
PB168875BL

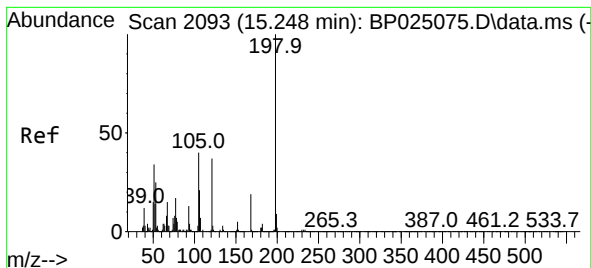
Tgt Ion:165 Resp: 555
Ion Ratio Lower Upper
165 100
63 55.6 31.0 46.4#
89 78.8 53.4 80.0
182 9.3 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

Tgt Ion:188 Resp: 2729441
Ion Ratio Lower Upper
188 100
94 8.9 7.3 10.9
80 9.3 7.8 11.6

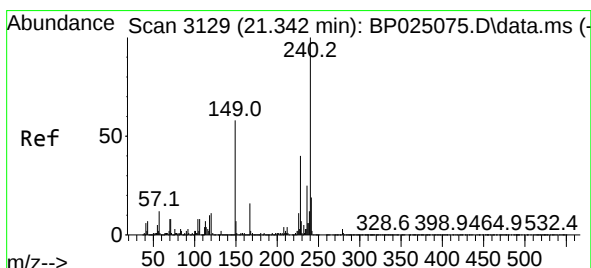
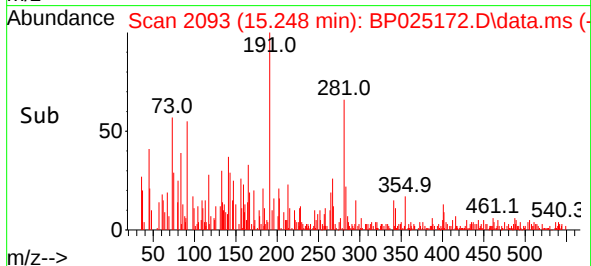
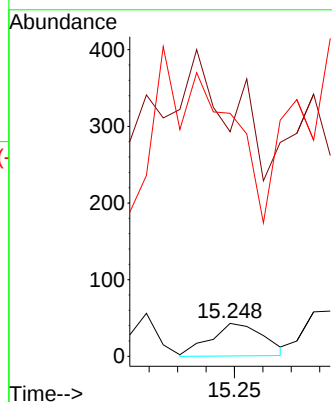
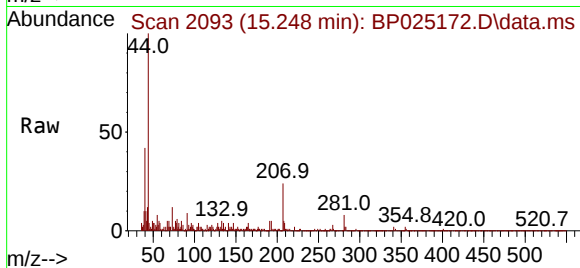




#65
4,6-Dinitro-2-methylphenol
Concen: 5.583 ng
RT: 15.248 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

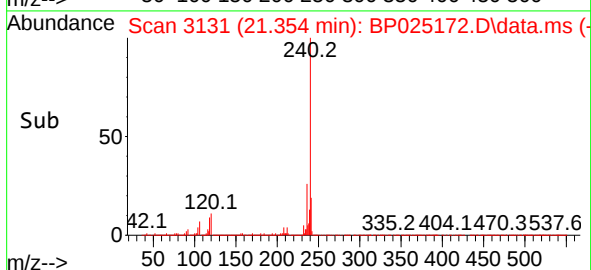
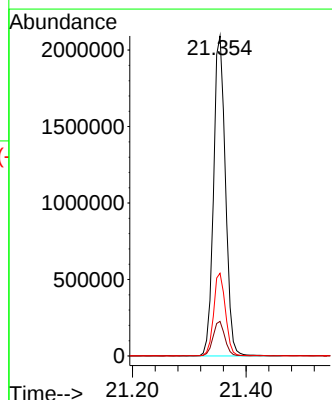
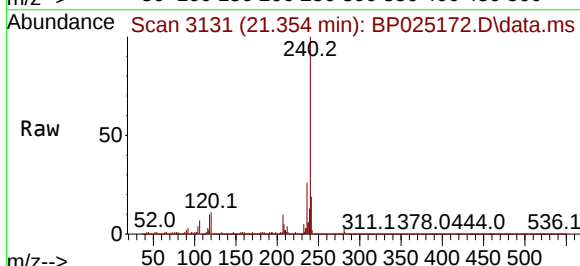
Instrument :
BNA_P
ClientSampleId :
PB168875BL

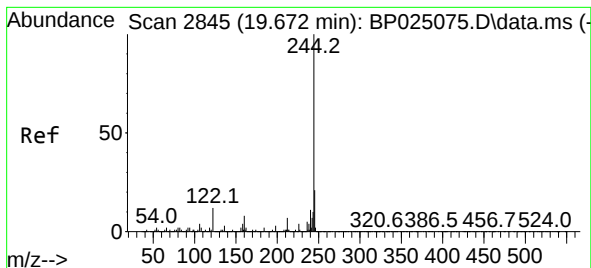
Tgt Ion:198 Resp: 55
Ion Ratio Lower Upper
198 100
51 681.4 16.8 56.8#
105 737.2 20.8 60.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

Tgt Ion:240 Resp: 3017440
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 25.8 20.3 30.5





#79

Terphenyl-d14

Concen: 88.621 ng

RT: 19.683 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025172.D

Acq: 17 Jul 2025 10:45

Instrument :

BNA_P

ClientSampleId :

PB168875BL

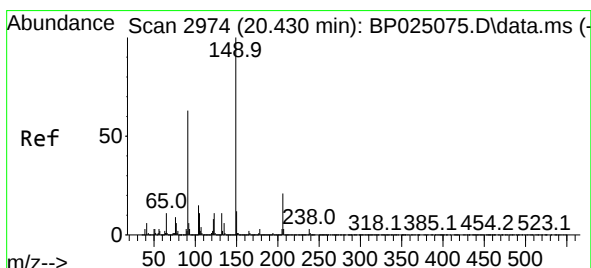
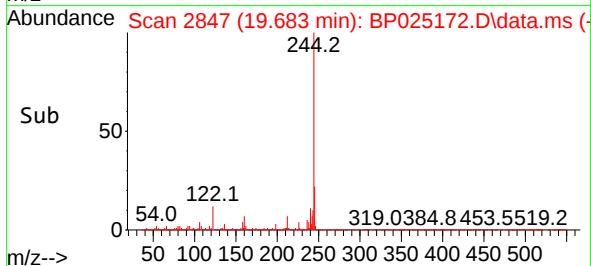
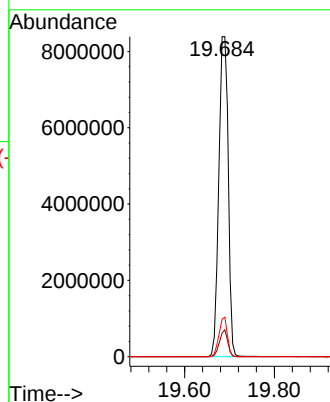
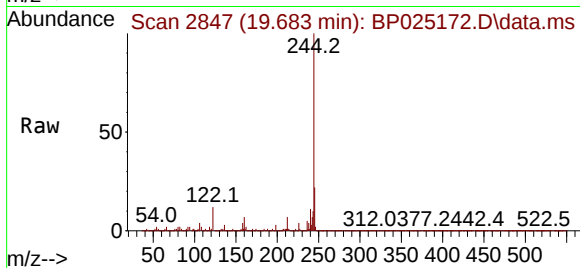
Tgt Ion:244 Resp:12167134

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 11.8 9.4 14.2



#80

Butylbenzylphthalate

Concen: 3.702 ng

RT: 20.325 min Scan# 2956

Delta R.T. -0.105 min

Lab File: BP025172.D

Acq: 17 Jul 2025 10:45

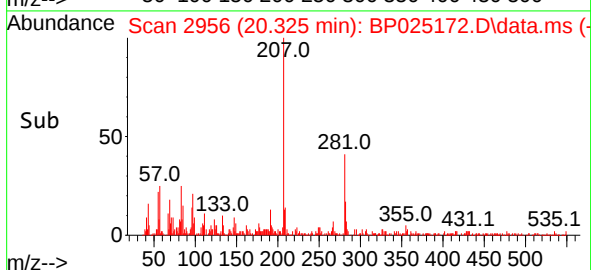
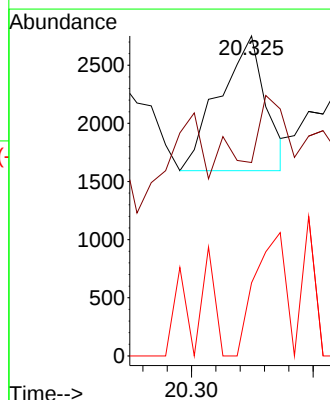
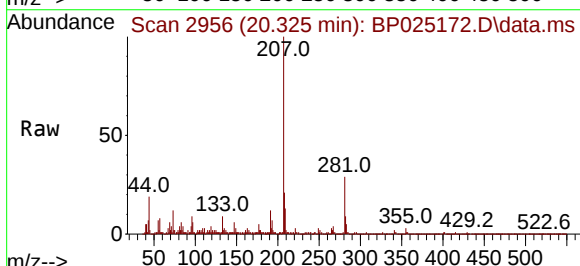
Tgt Ion:149 Resp: 1531

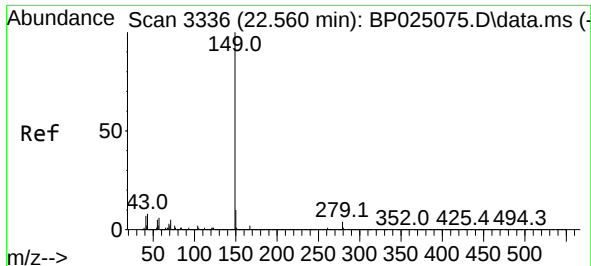
Ion Ratio Lower Upper

149 100

91 60.4 50.6 76.0

206 22.8 17.2 25.8

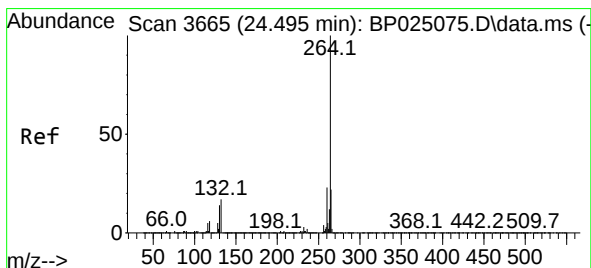
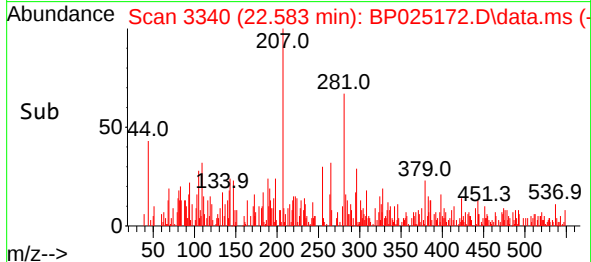
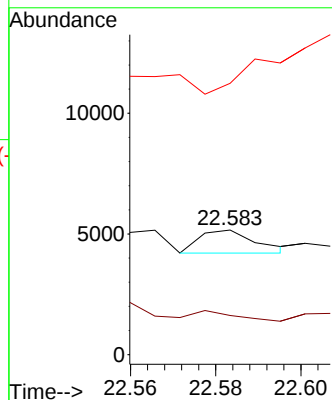
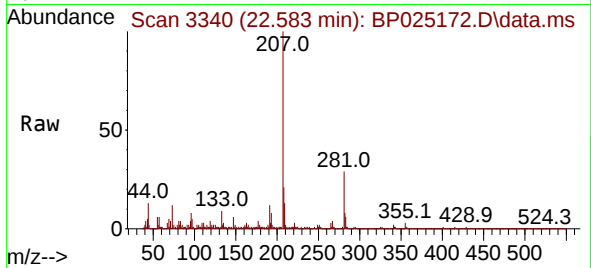




#85
Di-n-octyl phthalate
Concen: 6.103 ng
RT: 22.583 min Scan# 31
Delta R.T. 0.023 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

Instrument :
BNA_P
ClientSampleId :
PB168875BL

Tgt Ion:149 Resp: 882
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: 24.507 min Scan# 3667
Delta R.T. 0.012 min
Lab File: BP025172.D
Acq: 17 Jul 2025 10:45

Tgt Ion:264 Resp: 3052715
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.9 17.7 26.5

