

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025088.D
 Acq On : 10 Jul 2025 18:21
 Operator : CG/JU
 Sample : Q2529-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-30

Quant Time: Jul 11 02:31:09 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)

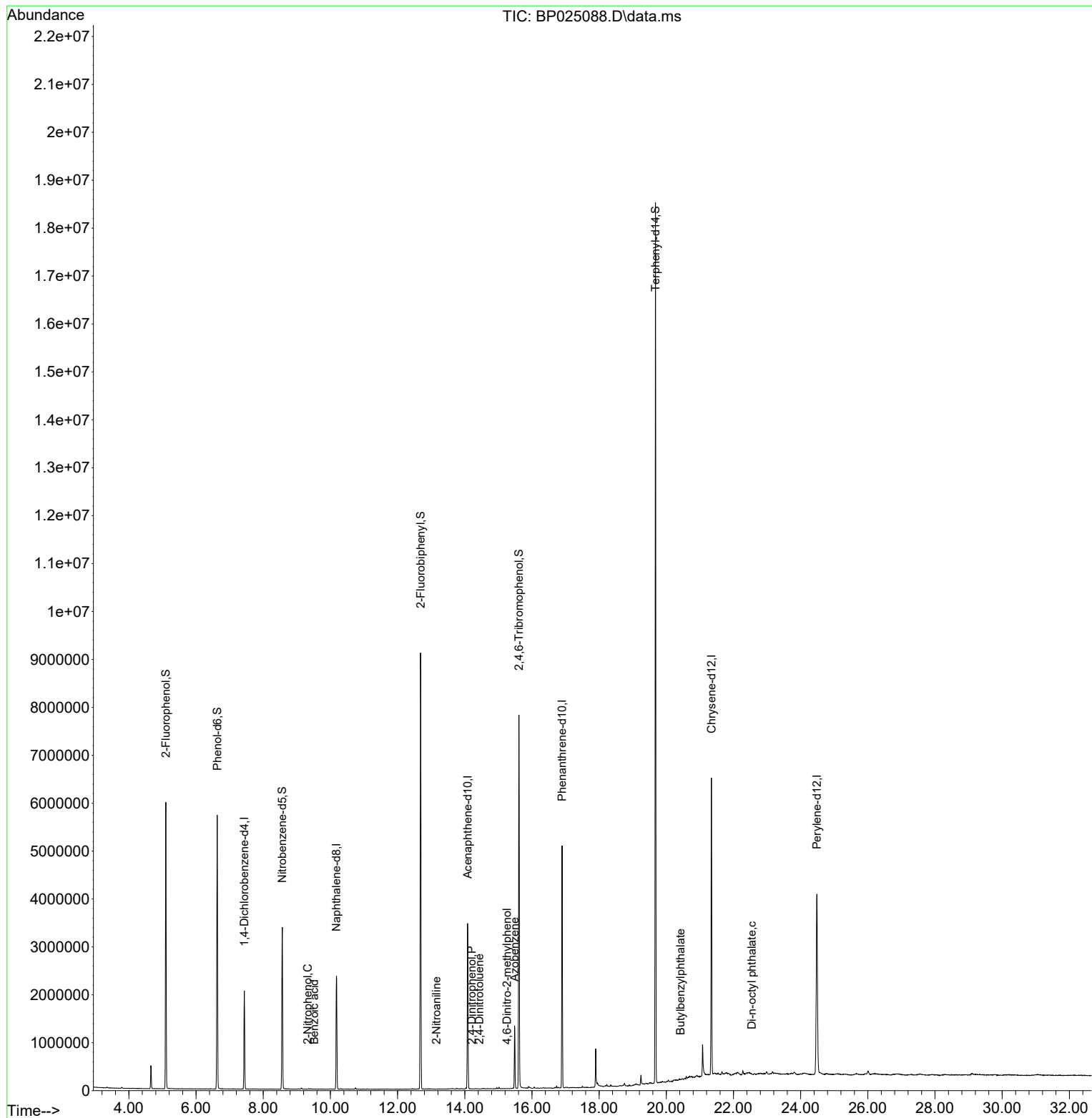
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	546199	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2144557	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1342160	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2785698	20.000	ng	-0.01
76) Chrysene-d12	21.342	240	3238763	20.000	ng	0.00
86) Perylene-d12	24.483	264	3650800	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2676751	86.833	ng	0.00
7) Phenol-d6	6.631	99	3389694	84.262	ng	0.00
23) Nitrobenzene-d5	8.566	82	1942959	60.253	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1643755	103.672	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	5031985	58.081	ng	-0.01
79) Terphenyl-d14	19.678	244	8928169	60.586	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.325	139	66	3.305	ng	# 1
32) Benzoic acid	9.513	122	130	6.209	ng	# 20
48) 2-Nitroaniline	13.154	65	128	2.771	ng	# 33
54) 2,4-Dinitrophenol	14.207	184	68	5.392	ng	# 89
57) 2,4-Dinitrotoluene	14.437	165	209	2.644	ng	# 75
63) Azobenzene	15.484	77	362146	4.310	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.260	198	36	5.581	ng	# 1
80) Butylbenzylphthalate	20.425	149	1149	3.696	ng	# 60
85) Di-n-octyl phthalate	22.548	149	620	6.101	ng	# 68

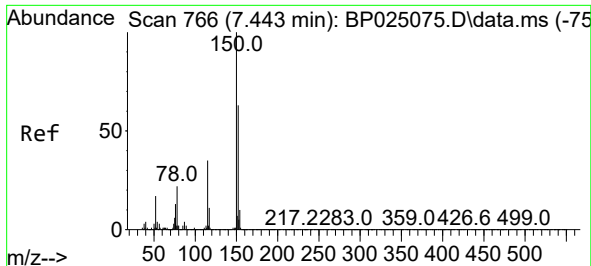
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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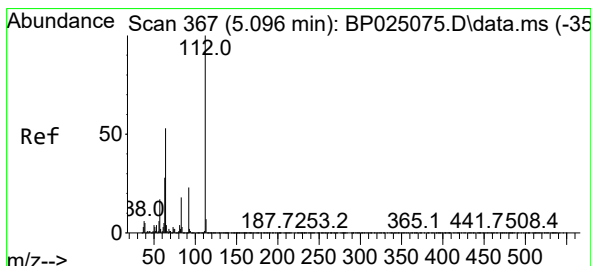
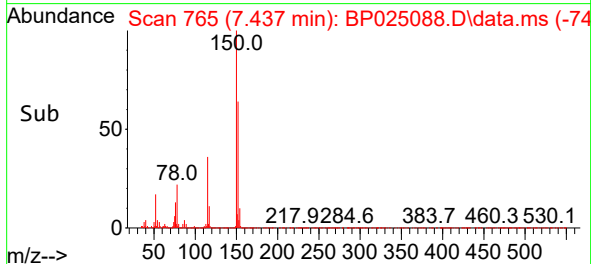
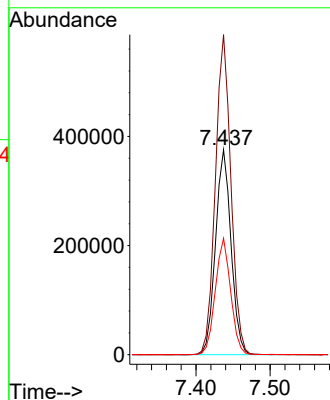
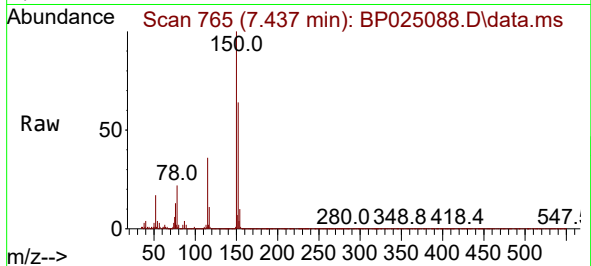




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 766
Delta R.T. -0.006 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

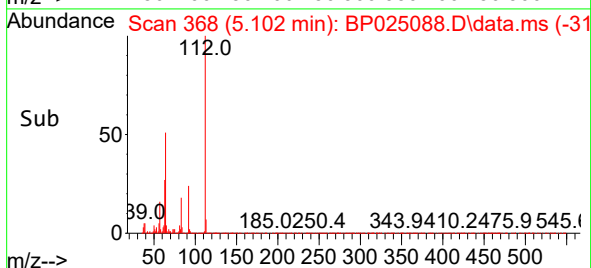
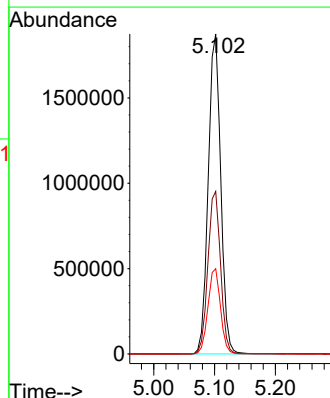
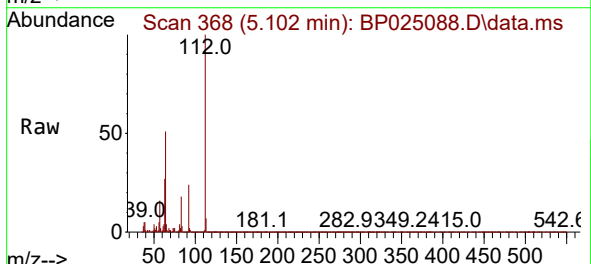
Instrument :
BNA_P
ClientSampleId :
TP-30

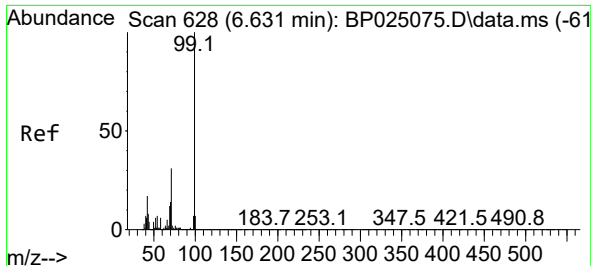
Tgt Ion:152 Resp: 546199
Ion Ratio Lower Upper
152 100
150 156.1 126.1 189.1
115 56.7 44.3 66.5



#5
2-Fluorophenol
Concen: 86.833 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion:112 Resp: 2676751
Ion Ratio Lower Upper
112 100
64 50.8 42.0 63.0
63 26.7 22.2 33.2

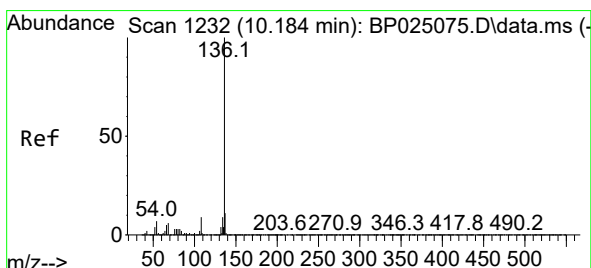
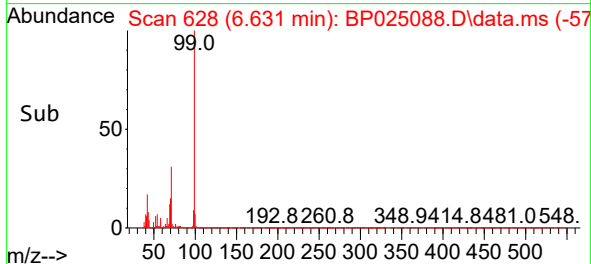
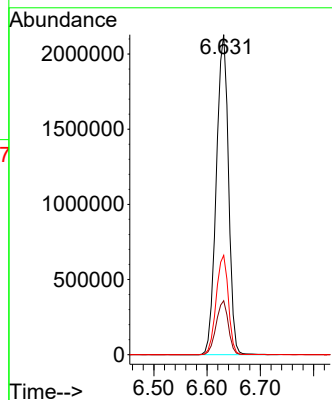
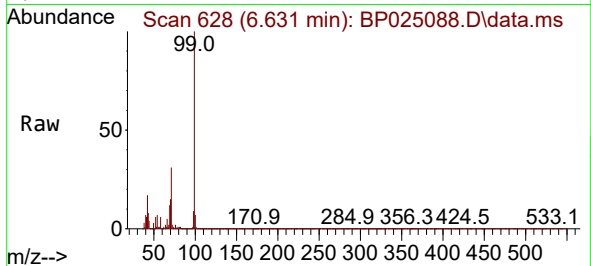




#7
Phenol-d6
Concen: 84.262 ng
RT: 6.631 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

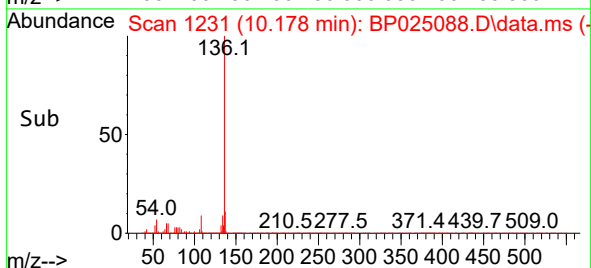
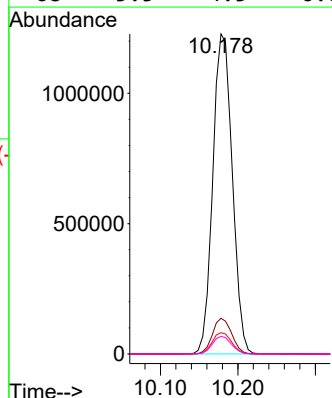
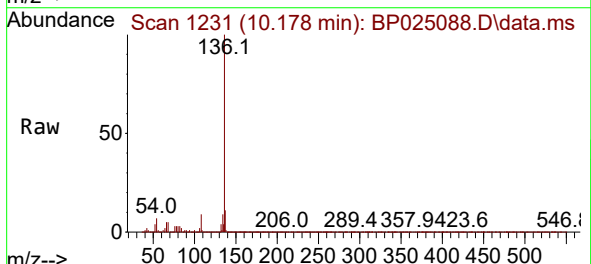
Instrument :
BNA_P
ClientSampleId :
TP-30

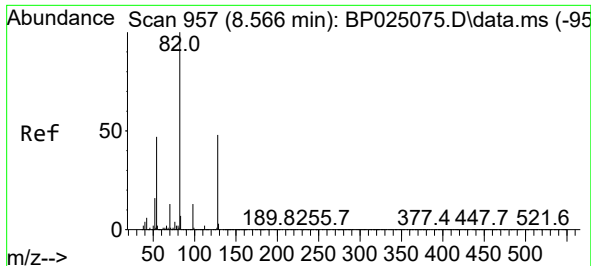
Tgt Ion: 99 Resp: 3389694
Ion Ratio Lower Upper
99 100
42 16.8 13.6 20.4
71 31.0 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion:136 Resp: 2144557
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.6 5.4 8.2
68 5.5 4.5 6.7

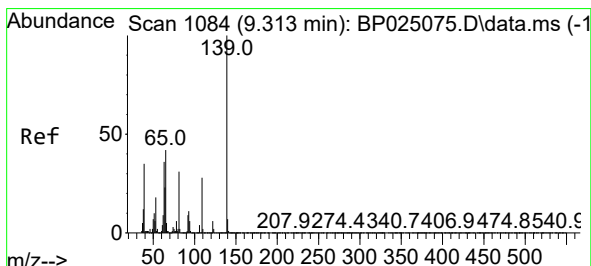
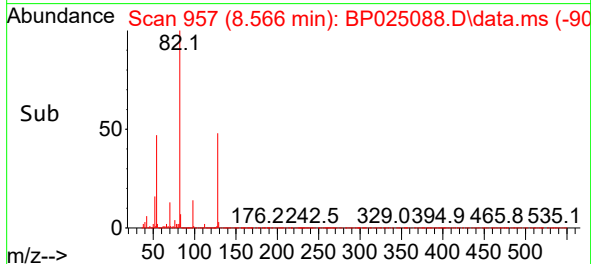
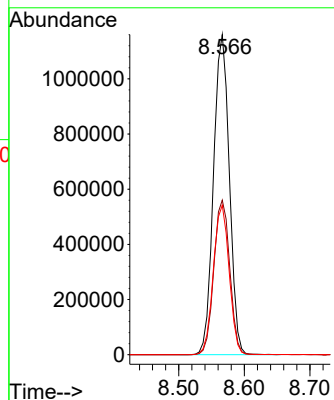
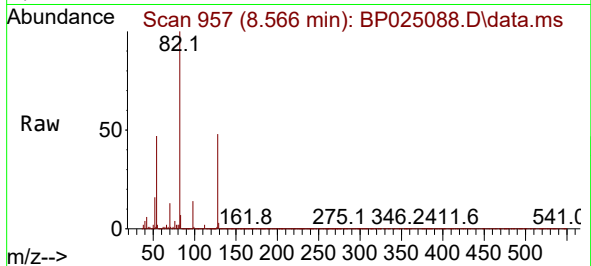




#23
Nitrobenzene-d5
Concen: 60.253 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

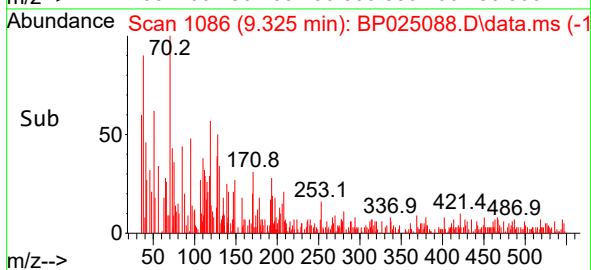
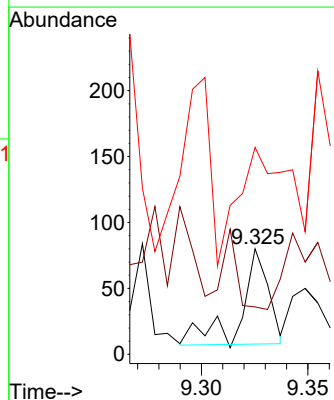
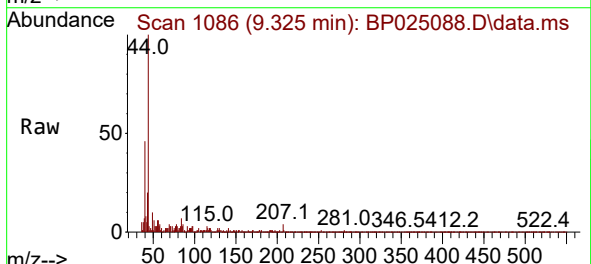
Instrument :
BNA_P
ClientSampleId :
TP-30

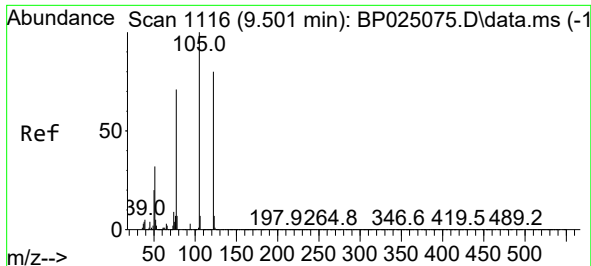
Tgt Ion: 82 Resp: 1942959
Ion Ratio Lower Upper
82 100
128 48.3 38.4 57.6
54 46.7 37.8 56.6



#26
2-Nitrophenol
Concen: 3.305 ng
RT: 9.325 min Scan# 1086
Delta R.T. 0.012 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion:139 Resp: 66
Ion Ratio Lower Upper
139 100
109 45.0 22.3 33.5#
65 196.3 33.8 50.8#

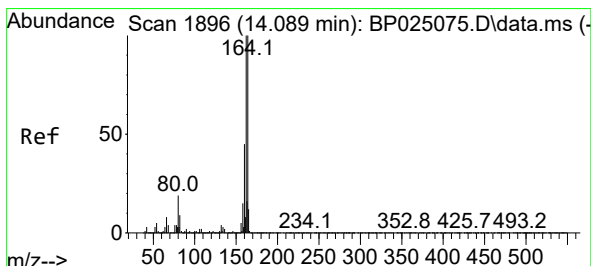
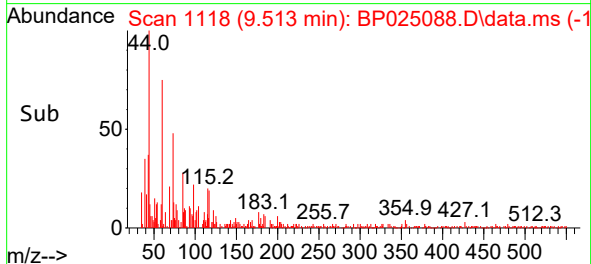
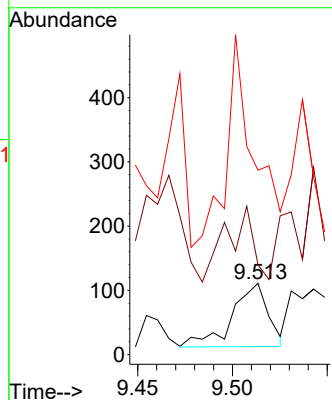
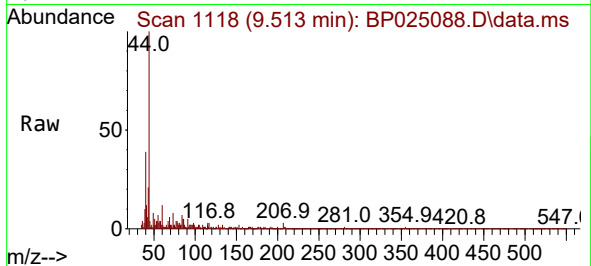




#32
Benzoic acid
Concen: 6.209 ng
RT: 9.513 min Scan# 1116
Delta R.T. 0.012 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

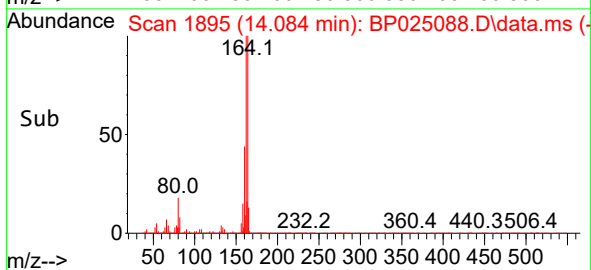
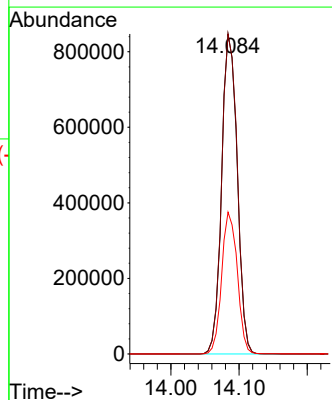
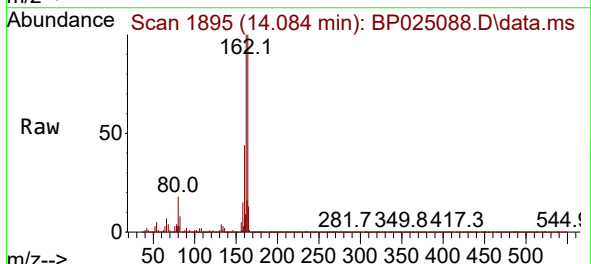
Instrument :
BNA_P
ClientSampleId :
TP-30

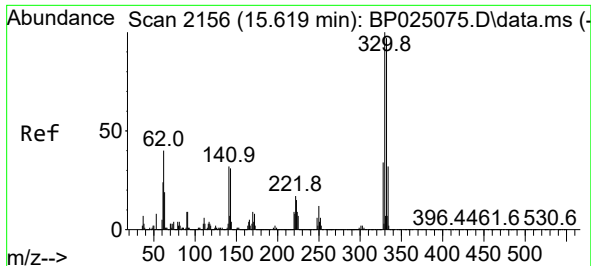
Tgt Ion:122 Resp: 130
Ion Ratio Lower Upper
122 100
105 126.1 101.0 141.0
77 258.6 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion:164 Resp: 1342160
Ion Ratio Lower Upper
164 100
162 100.1 80.3 120.5
160 44.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 103.672 ng

RT: 15.613 min Scan# 2156

Delta R.T. -0.006 min

Lab File: BP025088.D

Acq: 10 Jul 2025 18:21

Instrument :

BNA_P

ClientSampleId :

TP-30

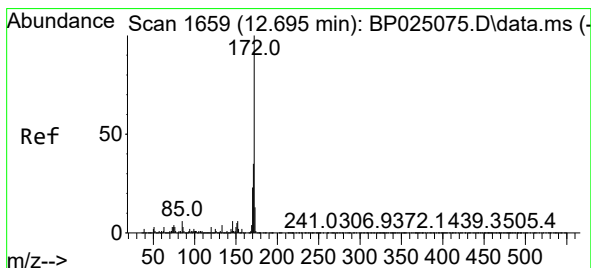
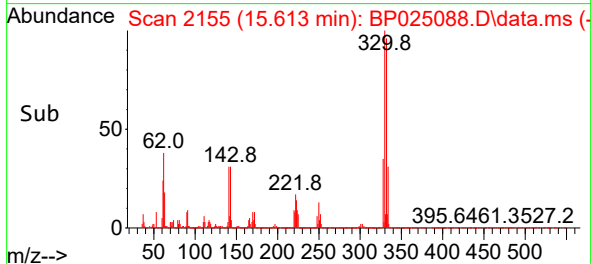
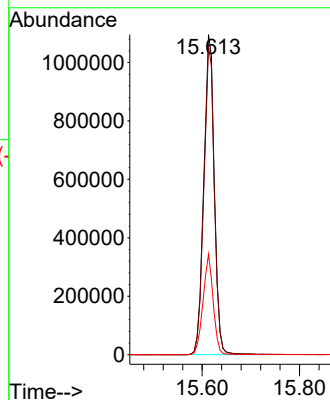
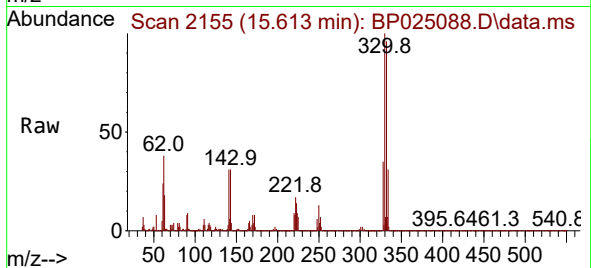
Tgt Ion:330 Resp: 1643755

Ion Ratio Lower Upper

330 100

332 96.1 77.7 116.5

141 30.1 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 58.081 ng

RT: 12.684 min Scan# 1657

Delta R.T. -0.012 min

Lab File: BP025088.D

Acq: 10 Jul 2025 18:21

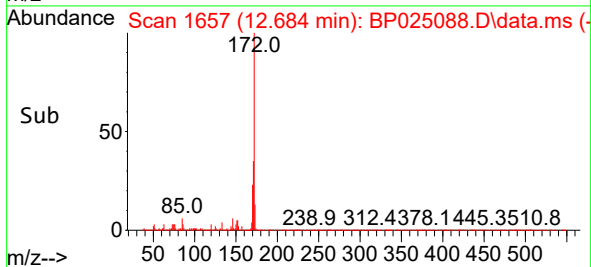
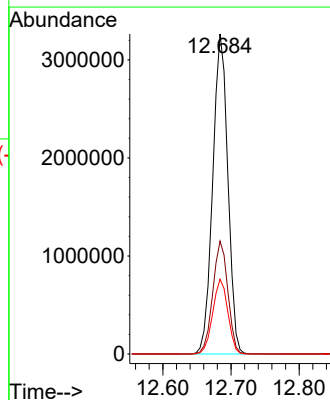
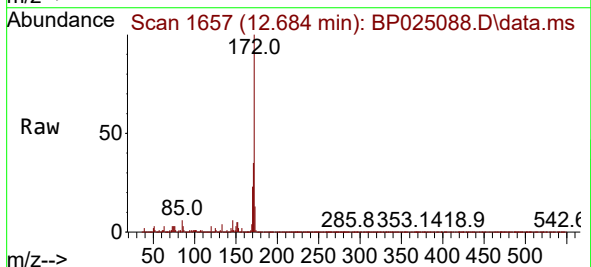
Tgt Ion:172 Resp: 5031985

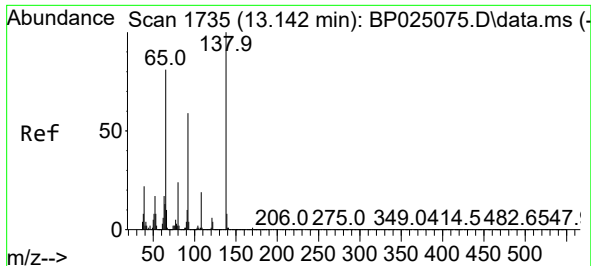
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.3 18.7 28.1

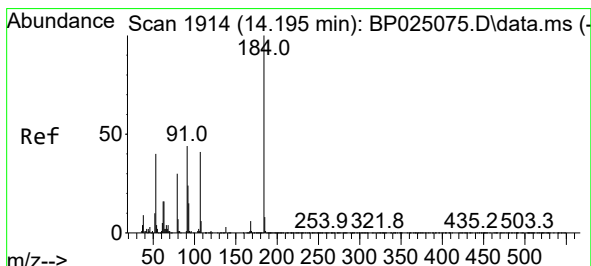
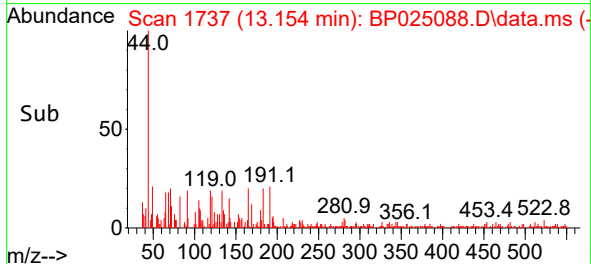
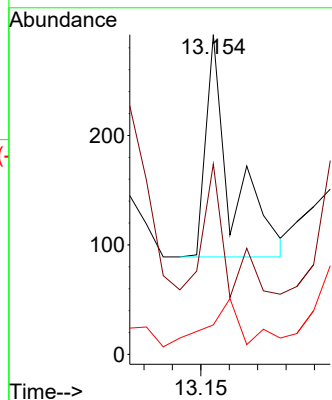
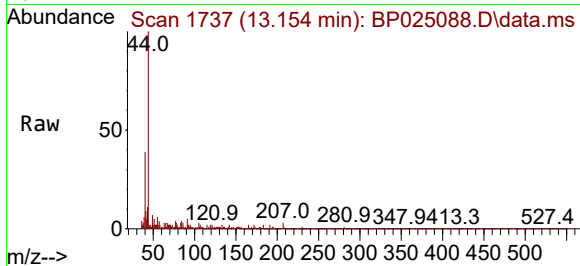




#48
2-Nitroaniline
Concen: 2.771 ng
RT: 13.154 min Scan# 1737
Delta R.T. 0.012 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

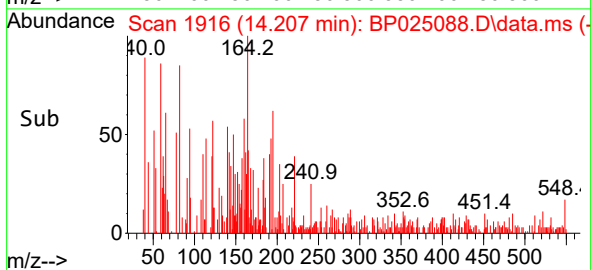
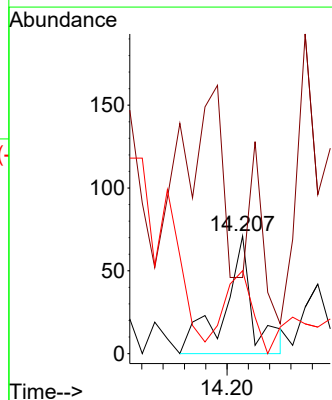
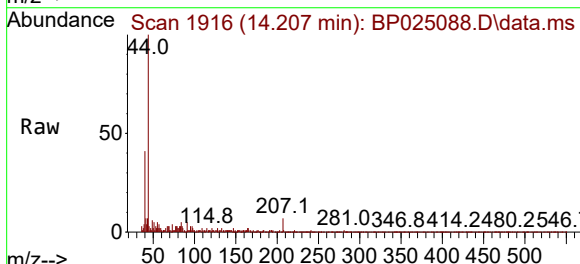
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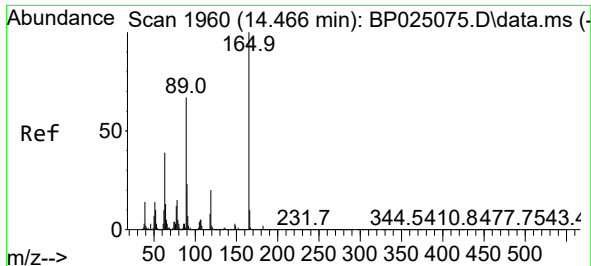
Tgt Ion: 65 Resp: 128
Ion Ratio Lower Upper
65 100
92 59.6 58.7 88.1
138 14.7 99.0 148.4#



#54
2,4-Dinitrophenol
Concen: 5.392 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion: 184 Resp: 68
Ion Ratio Lower Upper
184 100
63 64.8 47.4 71.0
154 70.4 47.8 71.8

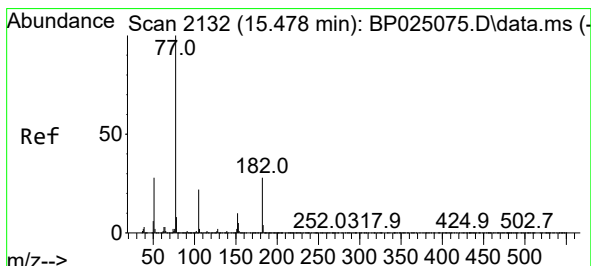
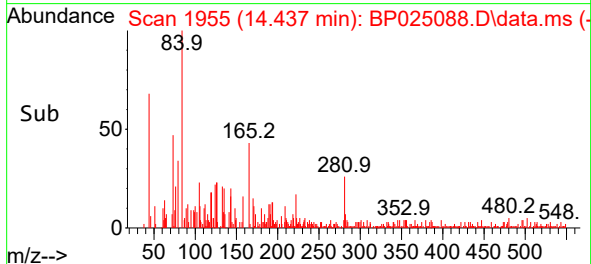
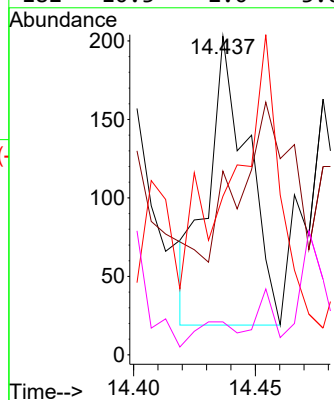
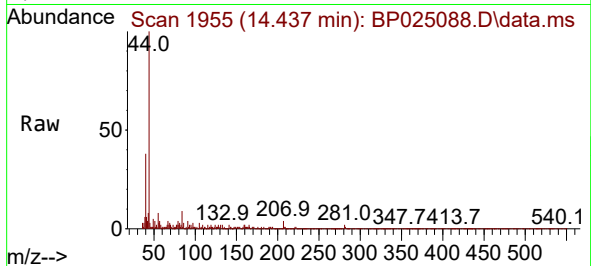




#57
2,4-Dinitrotoluene
Concen: 2.644 ng
RT: 14.437 min Scan# 1960
Delta R.T. -0.029 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

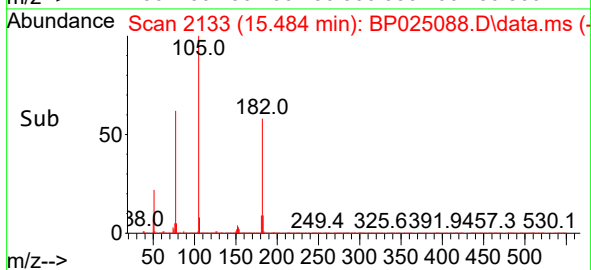
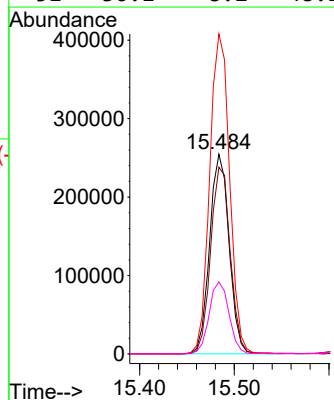
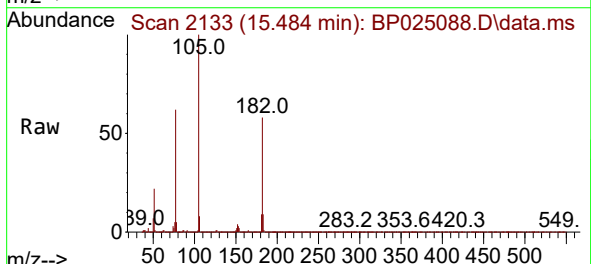
Instrument :
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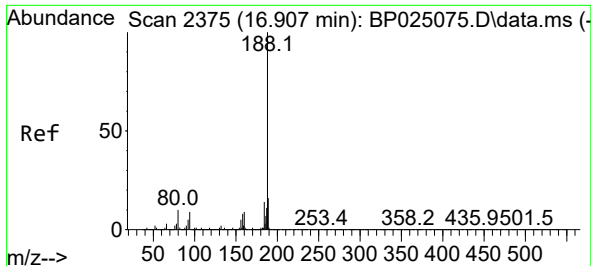
Tgt Ion:	165	Resp:	209
Ion	Ratio	Lower	Upper
165	100		
63	57.6	31.0	46.4#
89	49.8	53.4	80.0#
182	10.3	2.0	3.0#



#63
Azobenzene
Concen: 4.310 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion:	77	Resp:	362146
Ion	Ratio	Lower	Upper
77	100		
182	93.5	7.7	47.7#
105	160.3	1.9	41.9#
51	36.1	8.2	48.2

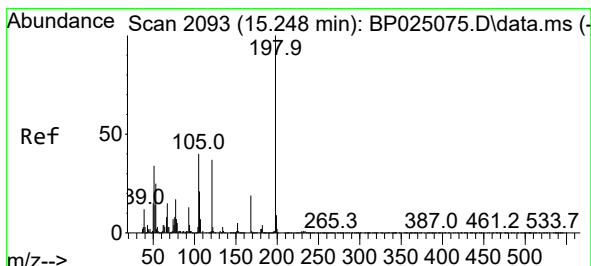
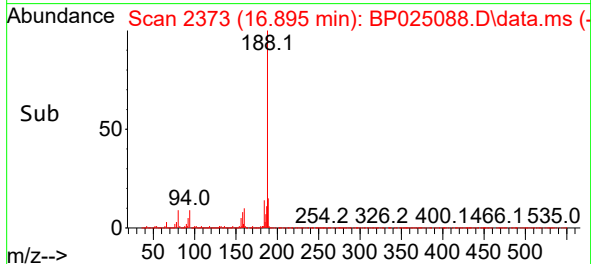
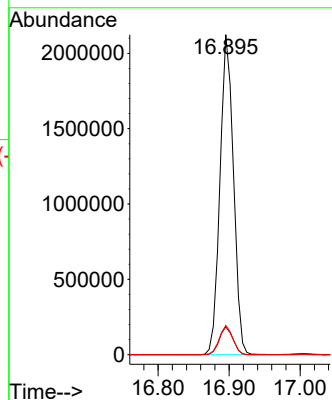
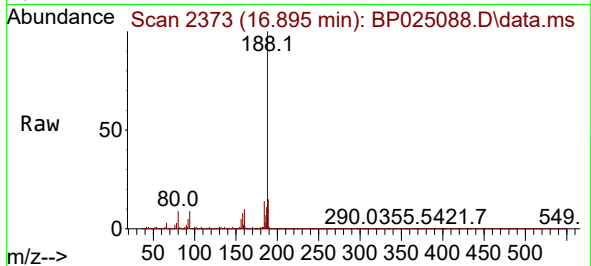




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

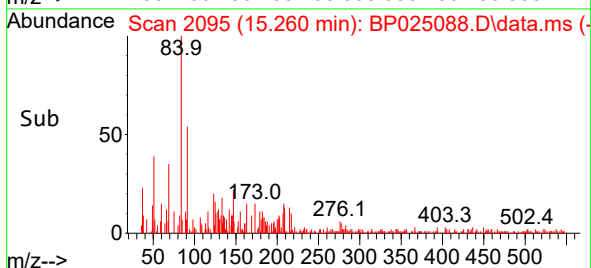
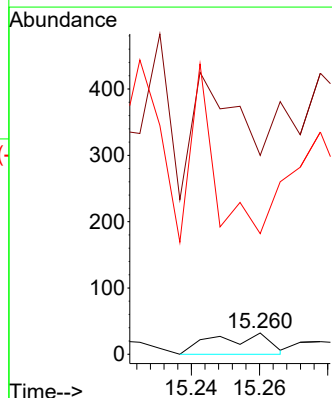
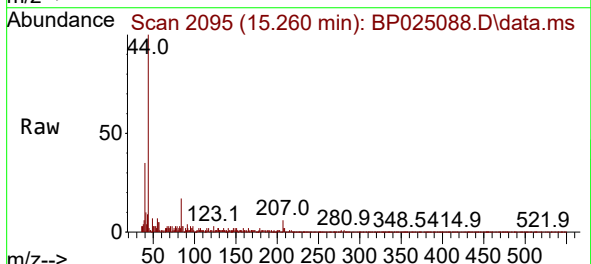
Instrument :
BNA_P
ClientSampleId :
TP-30

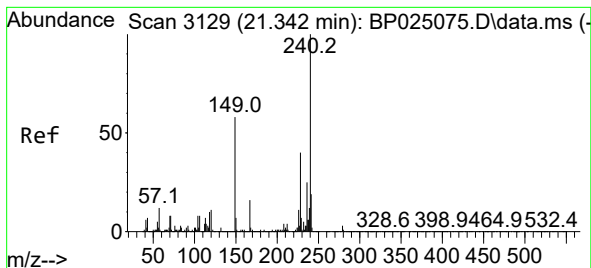
Tgt Ion:188 Resp: 2785698
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 9.1 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 5.581 ng
RT: 15.260 min Scan# 2095
Delta R.T. 0.012 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion:198 Resp: 36
Ion Ratio Lower Upper
198 100
51 937.5 16.8 56.8#
105 568.8 20.8 60.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.342 min Scan# 3129

Delta R.T. 0.000 min

Lab File: BP025088.D

Acq: 10 Jul 2025 18:21

Instrument :

BNA_P

ClientSampleId :

TP-30

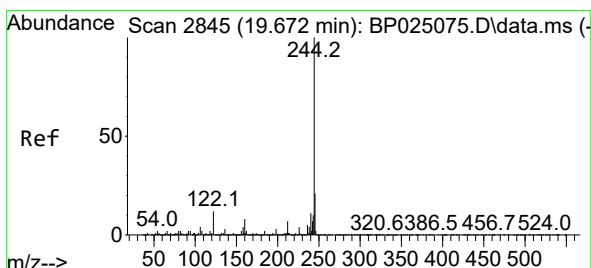
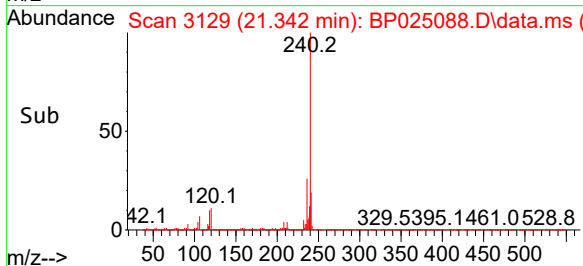
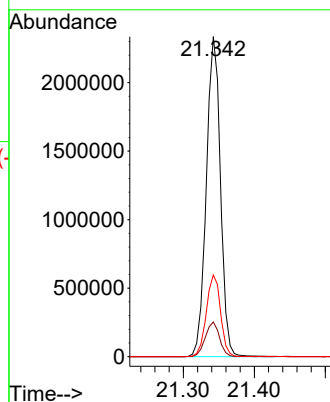
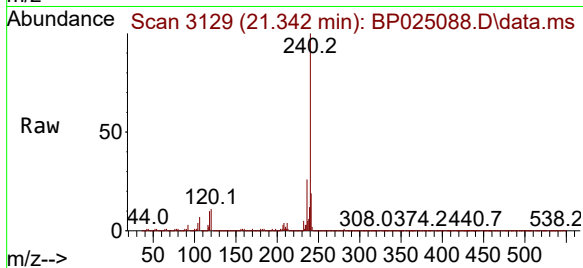
Tgt Ion:240 Resp: 3238763

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.4

236 25.5 20.3 30.5



#79

Terphenyl-d14

Concen: 60.586 ng

RT: 19.678 min Scan# 2846

Delta R.T. 0.006 min

Lab File: BP025088.D

Acq: 10 Jul 2025 18:21

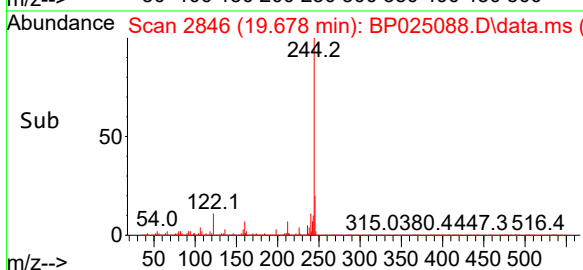
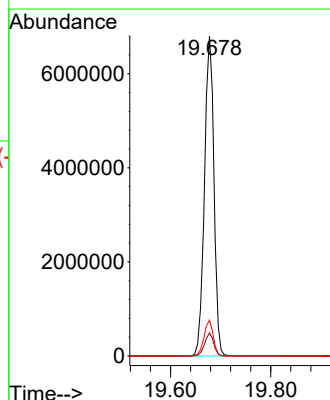
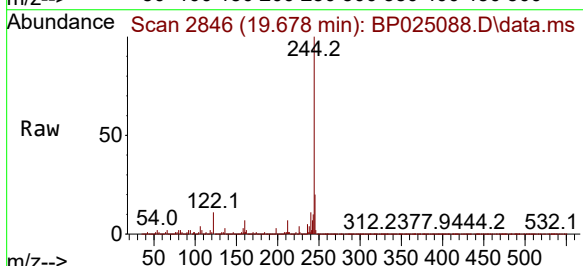
Tgt Ion:244 Resp: 8928169

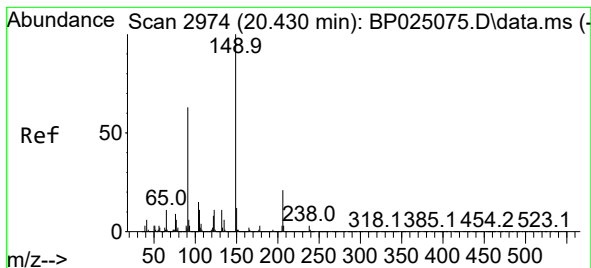
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.2 9.4 14.2





#80

Butylbenzylphthalate

Concen: 3.696 ng

RT: 20.425 min Scan# 2974

Delta R.T. -0.005 min

Lab File: BP025088.D

Acq: 10 Jul 2025 18:21

Instrument :

BNA_P

ClientSampleId :

TP-30

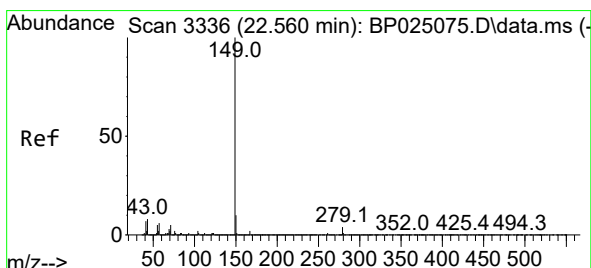
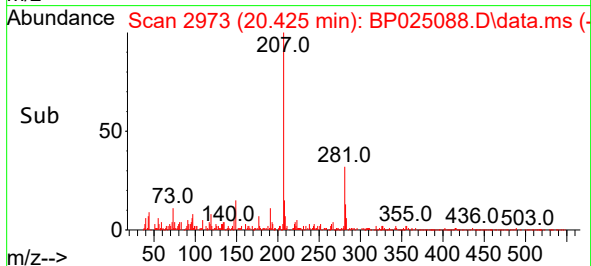
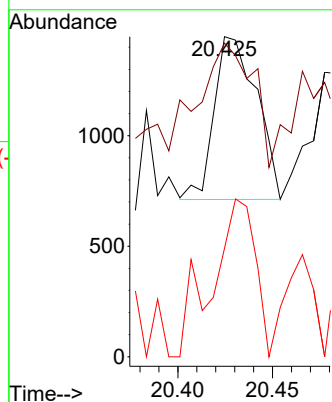
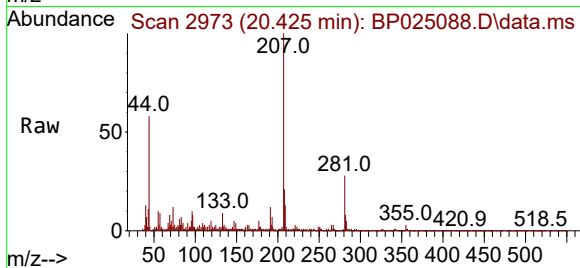
Tgt Ion:149 Resp: 1149

Ion Ratio Lower Upper

149 100

91 98.0 50.6 76.0#

206 33.9 17.2 25.8#



#85

Di-n-octyl phthalate

Concen: 6.101 ng

RT: 22.548 min Scan# 3334

Delta R.T. -0.012 min

Lab File: BP025088.D

Acq: 10 Jul 2025 18:21

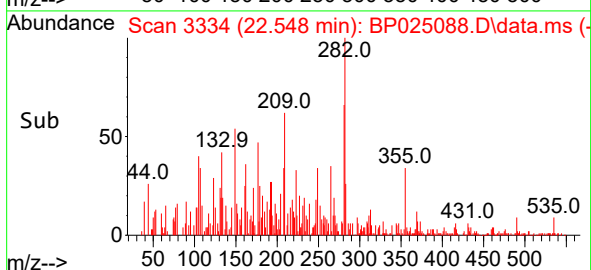
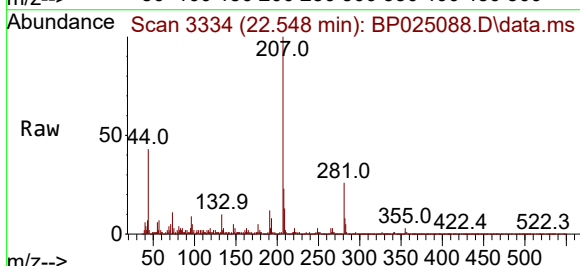
Tgt Ion:149 Resp: 620

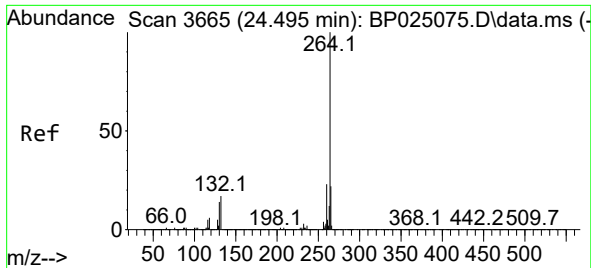
Ion Ratio Lower Upper

149 100

167 29.8 1.3 1.9#

43 0.0 6.9 10.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 30
Delta R.T. -0.012 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Instrument :
BNA_P
ClientSampleId :
TP-30

Tgt Ion:264 Resp: 3650800
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.7 17.7 26.5

