

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
 Data File : BP025373.D
 Acq On : 12 Aug 2025 19:23
 Operator : CG/JU
 Sample : Q2827-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-8

Quant Time: Aug 12 23:00:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

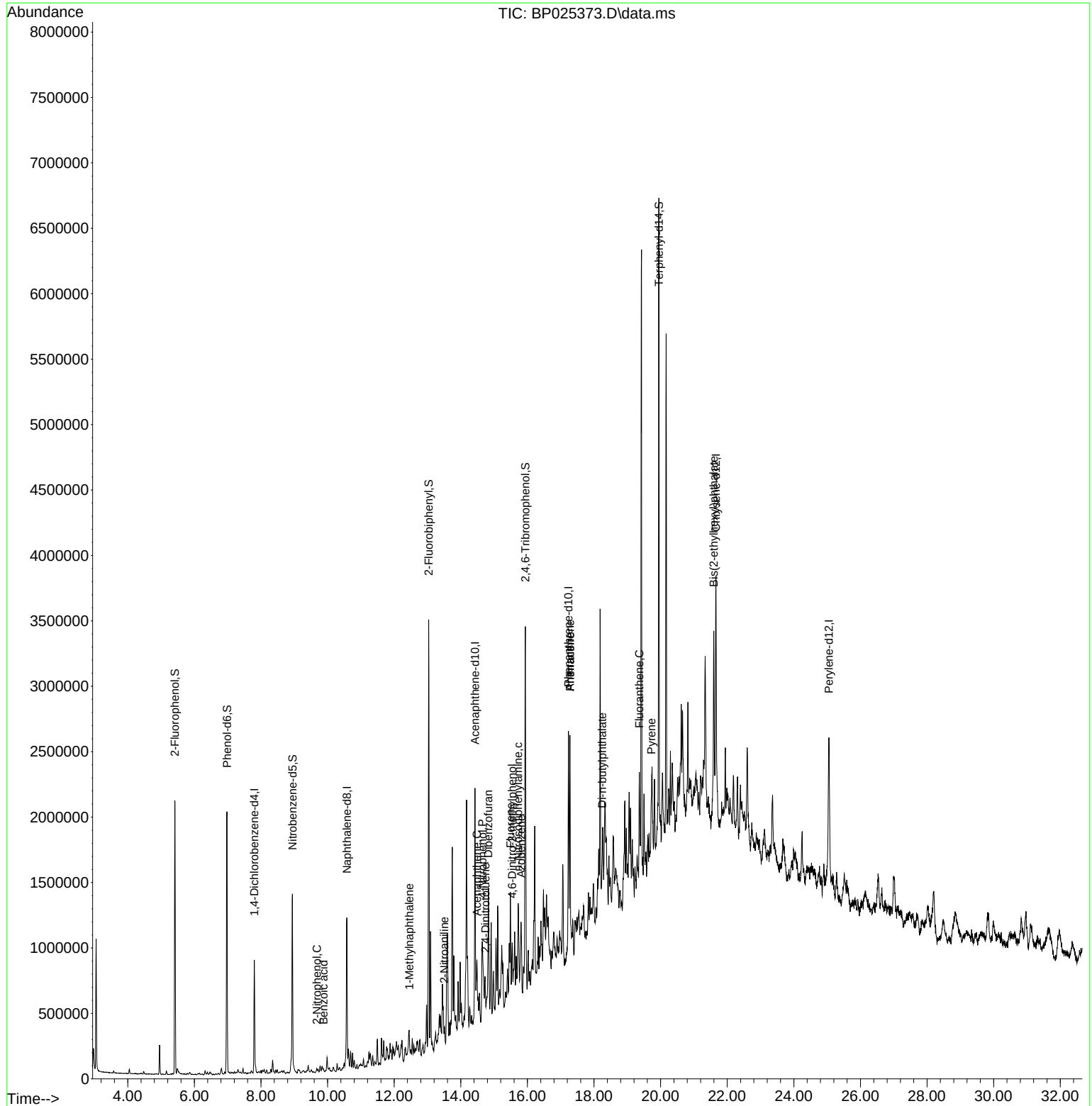
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	232112	20.000	ng	0.00
21) Naphthalene-d8	10.578	136	938980	20.000	ng	0.00
39) Acenaphthene-d10	14.425	164	567338	20.000	ng	0.00
64) Phenanthrene-d10	17.231	188	1043834	20.000	ng	0.00
76) Chrysene-d12	21.660	240	1031050	20.000	ng	0.00
86) Perylene-d12	25.054	264	1224361	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	958723	66.432	ng	0.00
7) Phenol-d6	6.978	99	1194101	62.871	ng	0.01
23) Nitrobenzene-d5	8.943	82	758824	44.772	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	489813	86.542	ng	0.01
45) 2-Fluorobiphenyl	13.037	172	1737611	42.303	ng	0.00
79) Terphenyl-d14	19.948	244	2346472	42.985	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.678	139	64	3.647	ng	# 1
32) Benzoic acid	9.878	122	144	5.971	ng	# 1
38) 1-Methylnaphthalene	12.454	142	68776	2.089	ng	# 97
48) 2-Nitroaniline	13.507	65	2038	3.169	ng	# 47
52) Acenaphthene	14.484	154	110175	3.395	ng	# 99
55) Dibenzofuran	14.825	168	116265	2.397	ng	# 64
56) 4-Nitrophenol	14.648	139	30572	3.881	ng	# 54
57) 2,4-Dinitrotoluene	14.743	165	7227	3.825	ng	# 65
58) Fluorene	15.490	166	239666	6.292	ng	# 98
63) Azobenzene	15.807	77	83785	2.163	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.543	198	545	4.975	ng	# 1
66) n-Nitrosodiphenylamine	15.719	169	115620	3.638	ng	# 50
71) Phenanthrene	17.278	178	984589	17.221	ng	# 98
72) Anthracene	17.278	178	984589	17.080	ng	# 98
74) Di-n-butylphthalate	18.248	149	177533	2.652	ng	# 95
75) Fluoranthene	19.360	202	339756	5.134	ng	# 96
78) Pyrene	19.719	202	340810	4.971	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.595	149	700681	15.781	ng	# 97

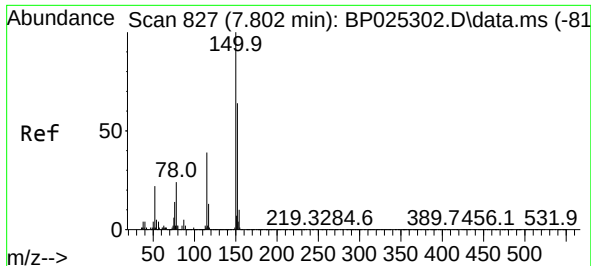
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
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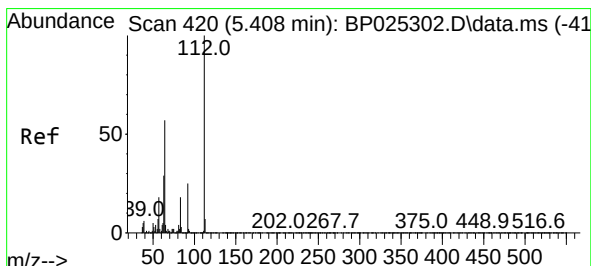
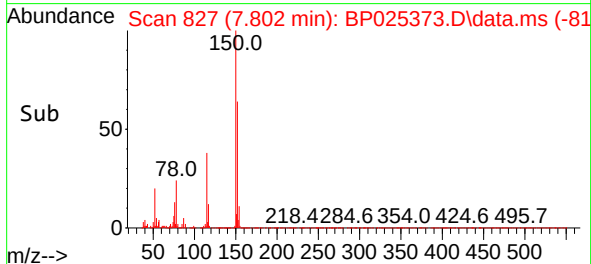
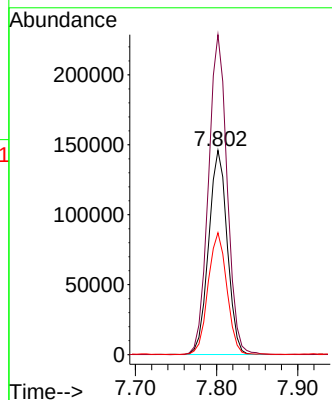
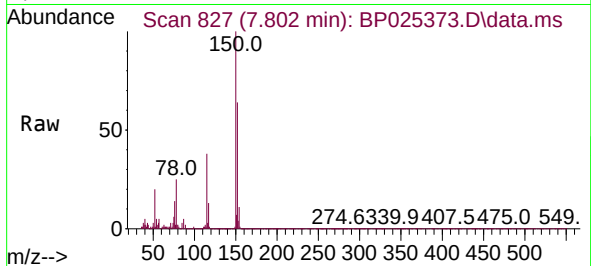




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.802 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025373.D
 Acq: 12 Aug 2025 19:23

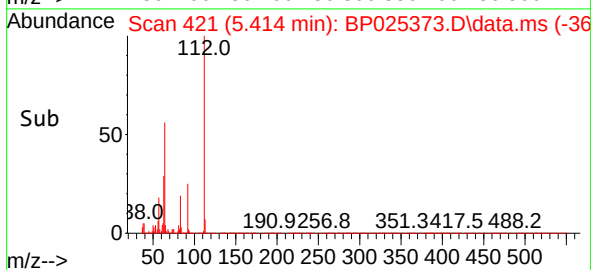
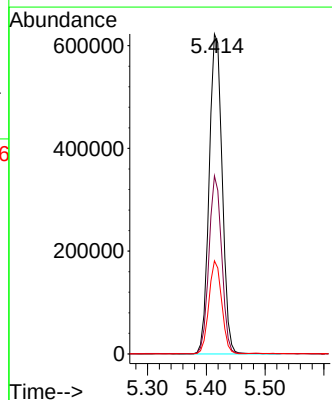
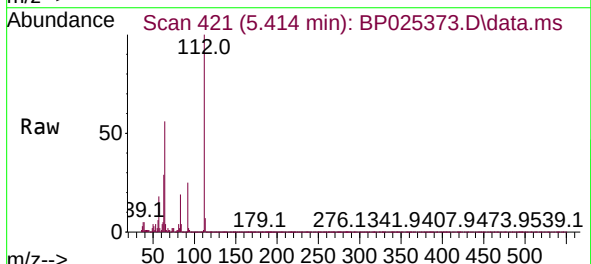
Instrument :
 BNA_P
 ClientSampleId :
 TP-8

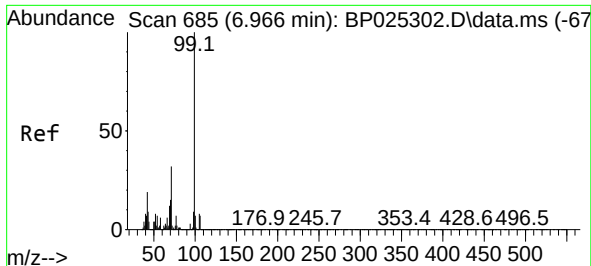
Tgt Ion:152 Resp: 232112
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.1 187.7
 115 59.7 48.4 72.6



#5
 2-Fluorophenol
 Concen: 66.432 ng
 RT: 5.414 min Scan# 421
 Delta R.T. 0.006 min
 Lab File: BP025373.D
 Acq: 12 Aug 2025 19:23

Tgt Ion:112 Resp: 958723
 Ion Ratio Lower Upper
 112 100
 64 55.6 45.3 67.9
 63 29.1 23.0 34.6

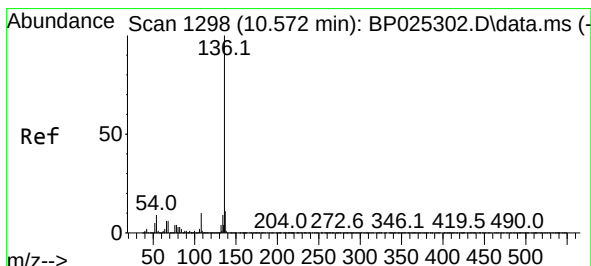
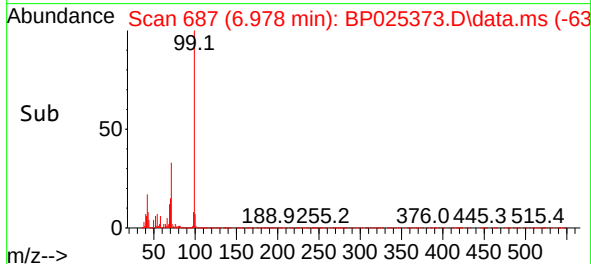
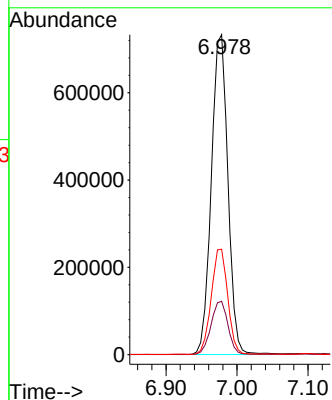
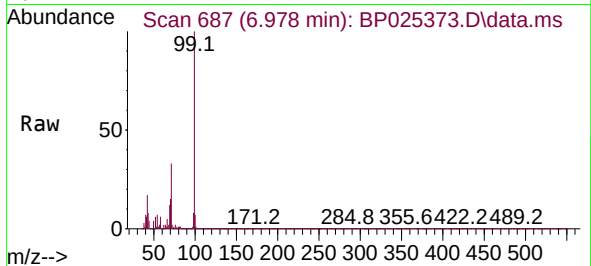




#7
Phenol-d6
Concen: 62.871 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.012 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

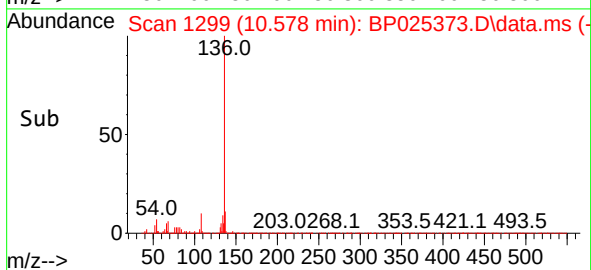
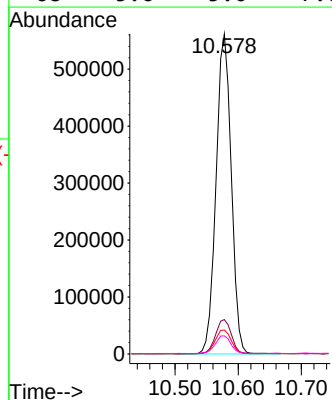
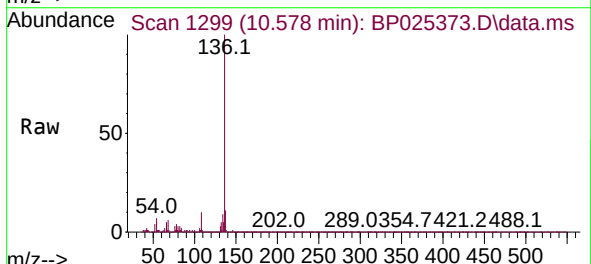
Instrument :
BNA_P
ClientSampleId :
TP-8

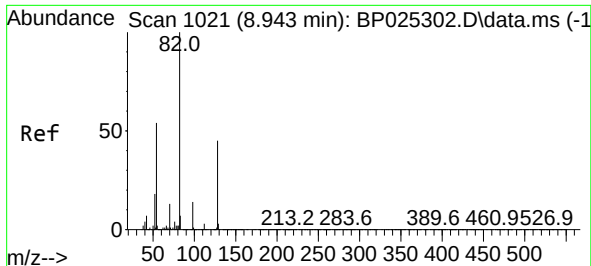
Tgt Ion: 99 Resp: 1194101
Ion Ratio Lower Upper
99 100
42 16.7 15.0 22.6
71 32.9 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.578 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

Tgt Ion: 136 Resp: 938980
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.5 7.0 10.6
68 5.6 5.0 7.6

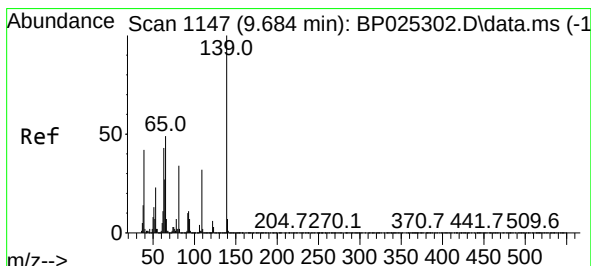
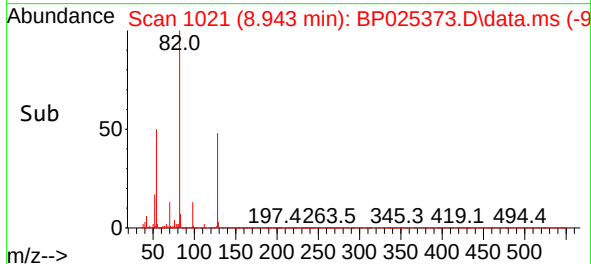
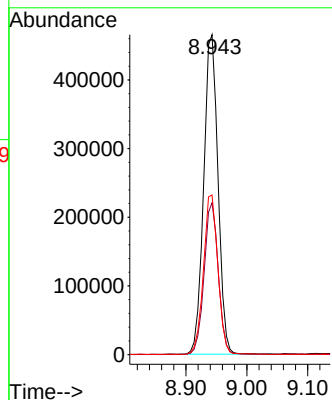
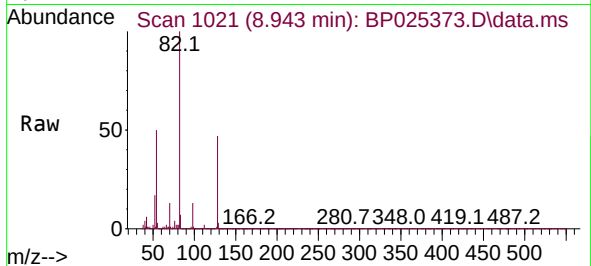




#23
Nitrobenzene-d5
Concen: 44.772 ng
RT: 8.943 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

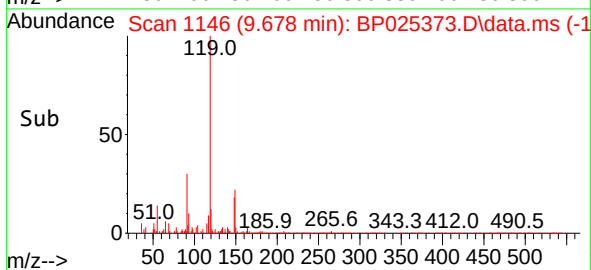
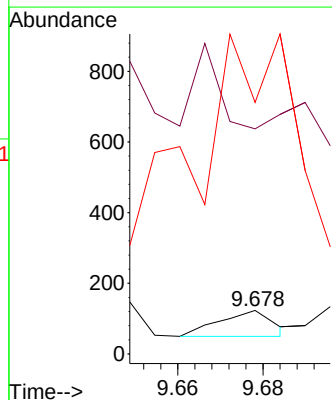
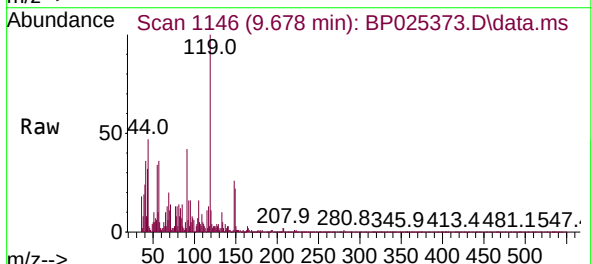
Instrument :
BNA_P
ClientSampleId :
TP-8

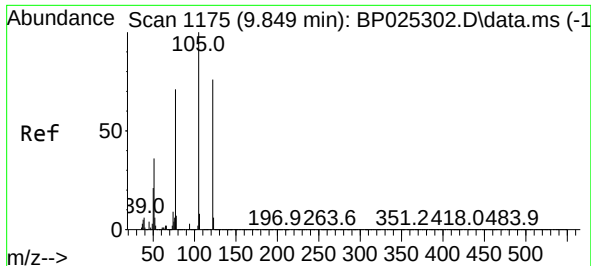
Tgt Ion: 82 Resp: 758824
Ion Ratio Lower Upper
82 100
128 47.4 35.4 53.2
54 49.9 42.9 64.3



#26
2-Nitrophenol
Concen: 3.647 ng
RT: 9.678 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

Tgt Ion:139 Resp: 64
Ion Ratio Lower Upper
139 100
109 517.9 25.2 37.8#
65 578.9 39.6 59.4#

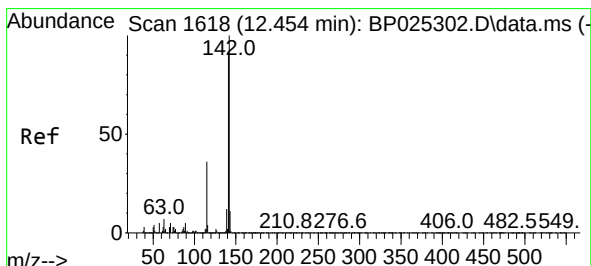
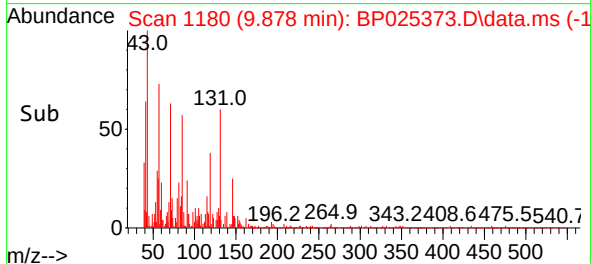
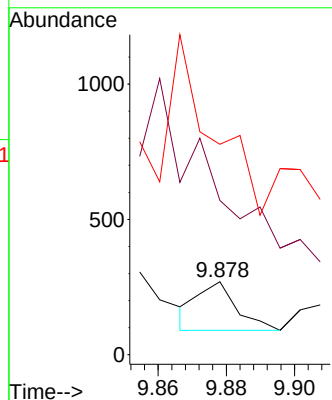
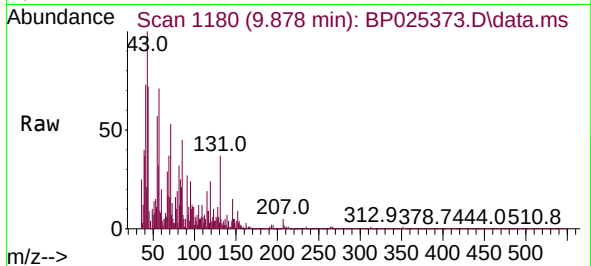




#32
Benzoic acid
Concen: 5.971 ng
RT: 9.878 min Scan# 1175
Delta R.T. 0.029 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

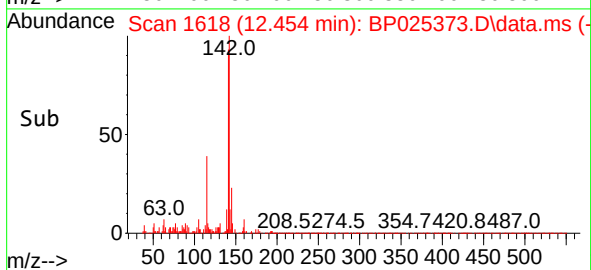
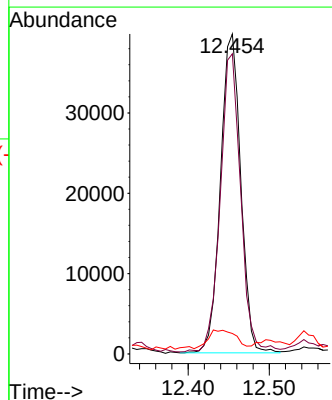
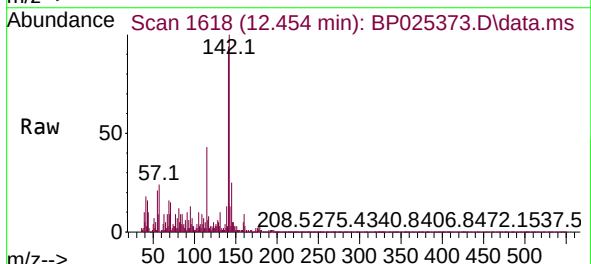
Instrument :
BNA_P
ClientSampleId :
TP-8

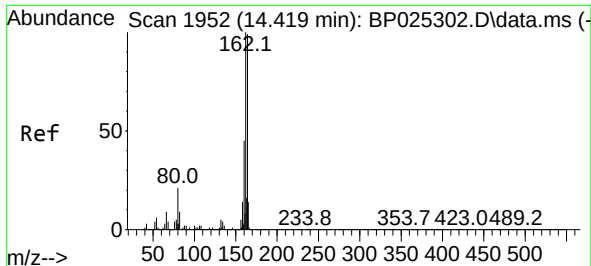
Tgt Ion:122 Resp: 144
Ion Ratio Lower Upper
122 100
105 211.1 104.0 144.0#
77 288.1 71.8 111.8#



#38
1-Methylnaphthalene
Concen: 2.089 ng
RT: 12.454 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

Tgt Ion:142 Resp: 68776
Ion Ratio Lower Upper
142 100
141 93.8 73.0 109.6
116 6.4 3.0 4.6#

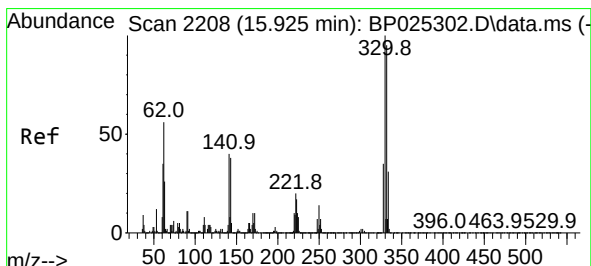
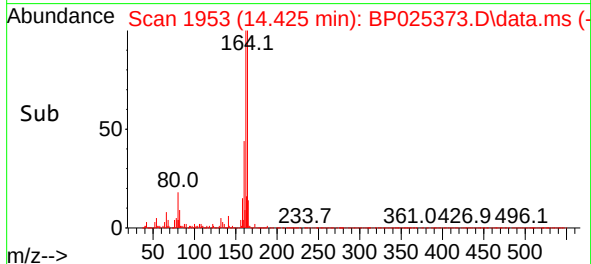
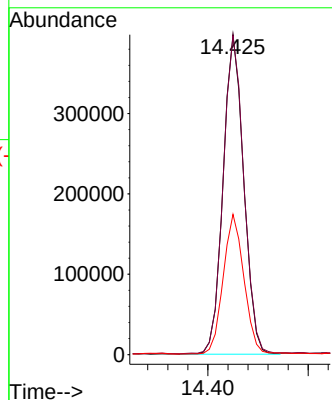
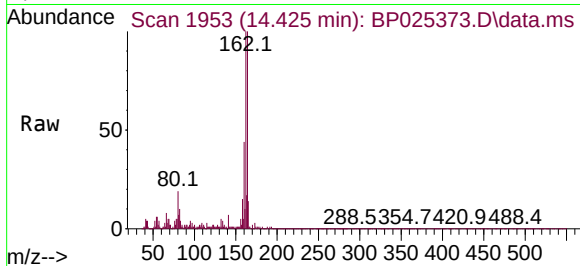




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.425 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

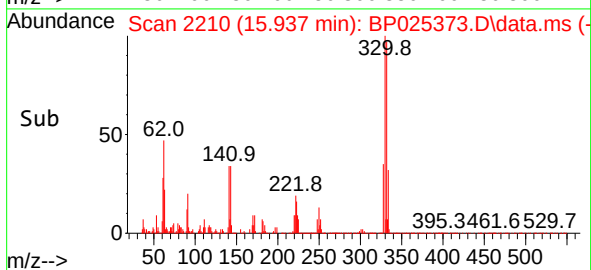
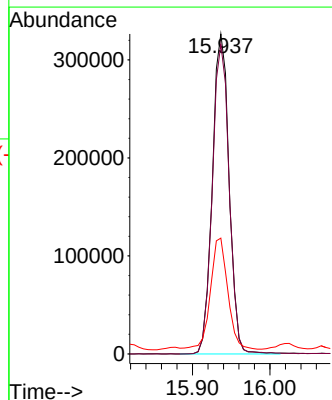
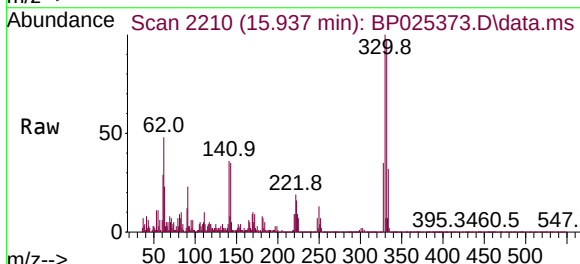
Instrument :
BNA_P
ClientSampleId :
TP-8

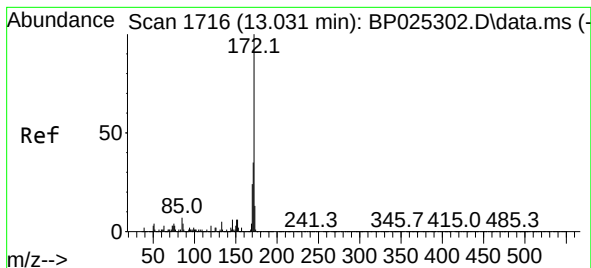
Tgt Ion:164 Resp: 567338
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 43.8 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 86.542 ng
RT: 15.937 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

Tgt Ion:330 Resp: 489813
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 35.8 31.7 47.5





#45

2-Fluorobiphenyl

Concen: 42.303 ng

RT: 13.037 min Scan# 1716

Delta R.T. 0.006 min

Lab File: BP025373.D

Acq: 12 Aug 2025 19:23

Instrument :

BNA_P

ClientSampleId :

TP-8

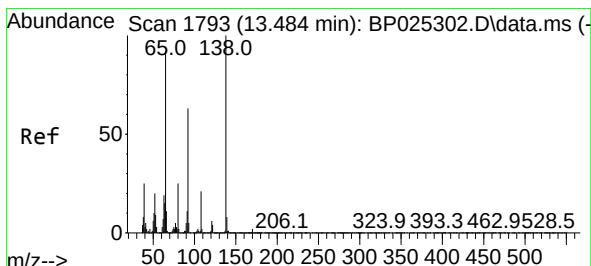
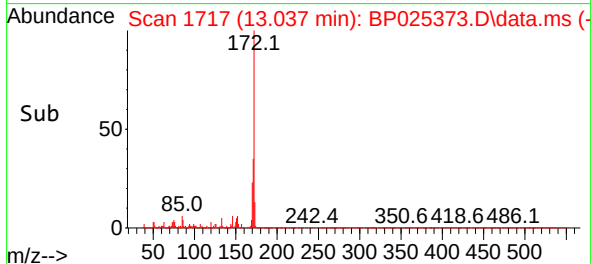
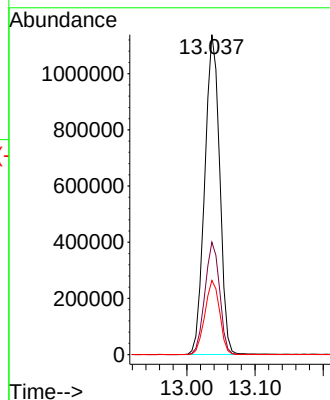
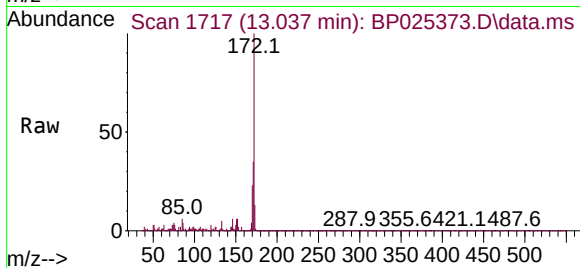
Tgt Ion:172 Resp: 1737611

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.2 18.9 28.3



#48

2-Nitroaniline

Concen: 3.169 ng

RT: 13.507 min Scan# 1797

Delta R.T. 0.023 min

Lab File: BP025373.D

Acq: 12 Aug 2025 19:23

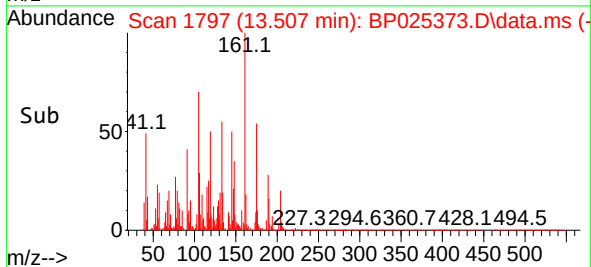
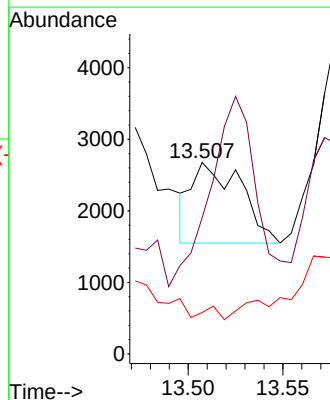
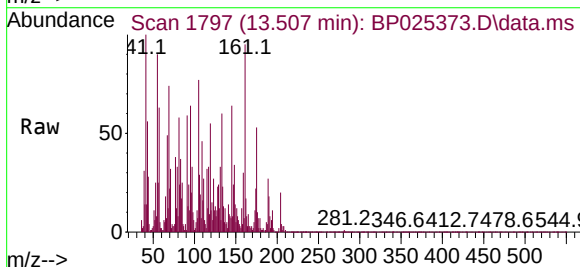
Tgt Ion: 65 Resp: 2038

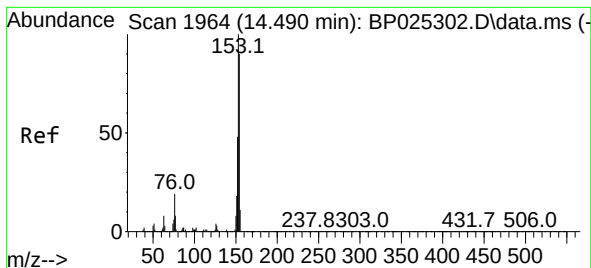
Ion Ratio Lower Upper

65 100

92 71.0 54.4 81.6

138 21.6 87.0 130.4#





#52

Acenaphthene

Concen: 3.395 ng

RT: 14.484 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BP025373.D

Acq: 12 Aug 2025 19:23

Instrument :

BNA_P

ClientSampleId :

TP-8

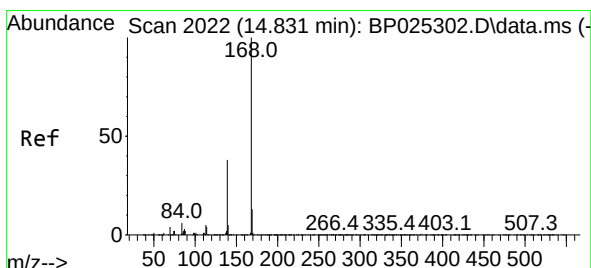
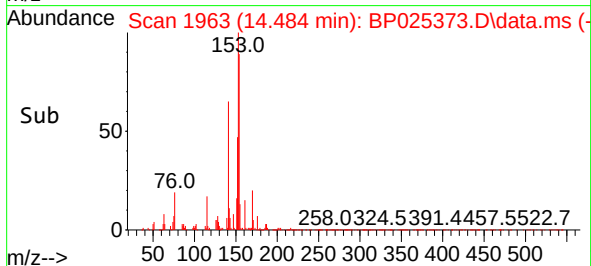
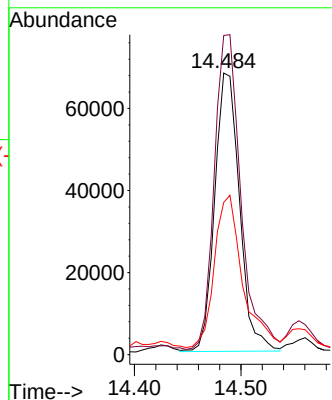
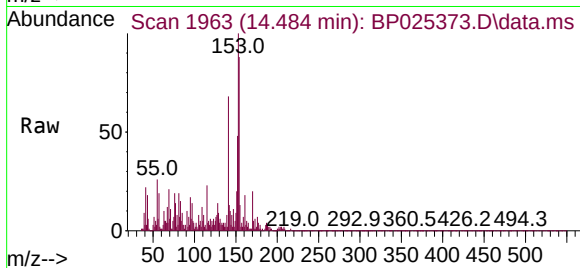
Tgt Ion:154 Resp: 110175

Ion Ratio Lower Upper

154 100

153 113.3 89.4 134.0

152 54.1 43.0 64.6



#55

Dibenzofuran

Concen: 2.397 ng

RT: 14.825 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BP025373.D

Acq: 12 Aug 2025 19:23

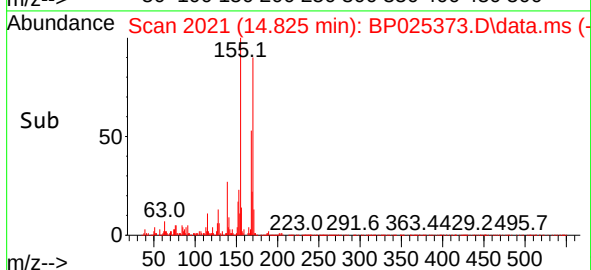
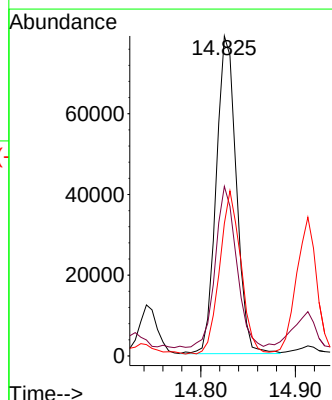
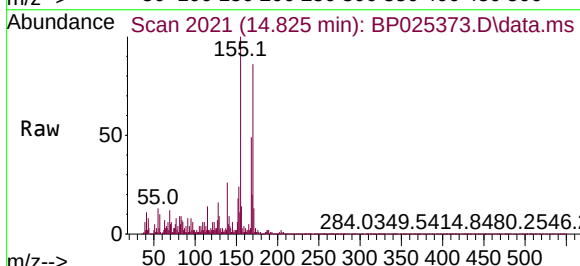
Tgt Ion:168 Resp: 116265

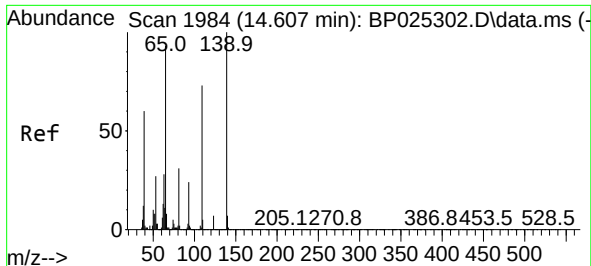
Ion Ratio Lower Upper

168 100

139 53.0 30.5 45.7#

169 41.4 10.6 15.8#

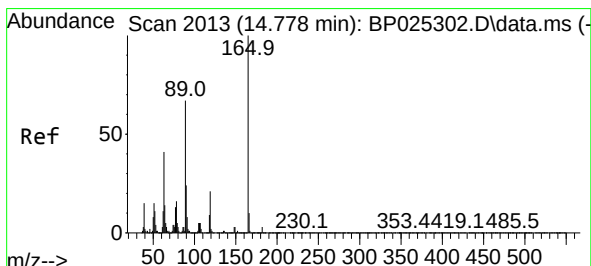
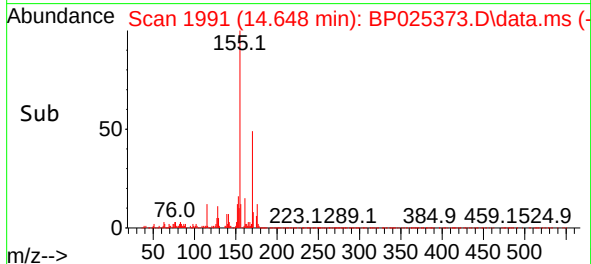
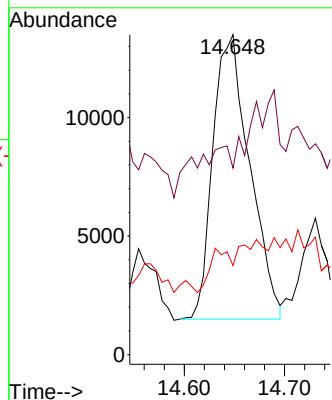
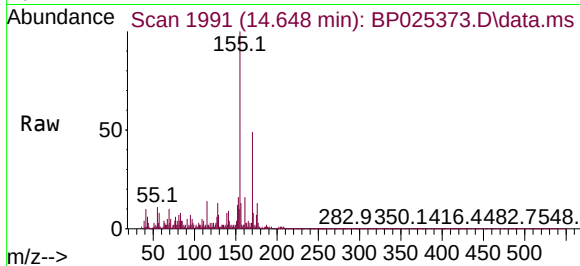




#56
4-Nitrophenol
Concen: 3.881 ng
RT: 14.648 min Scan# 1984
Delta R.T. 0.041 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

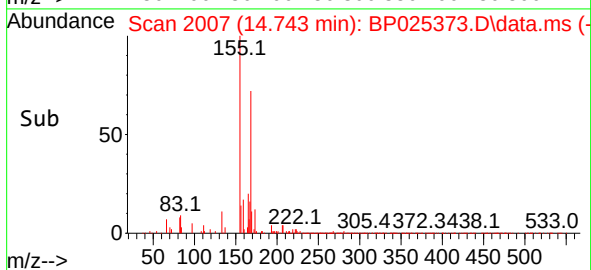
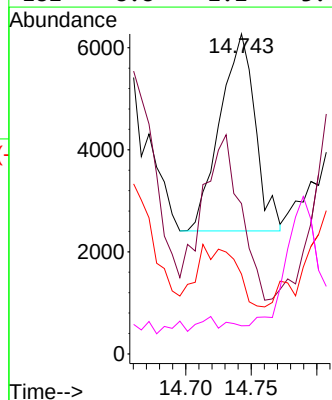
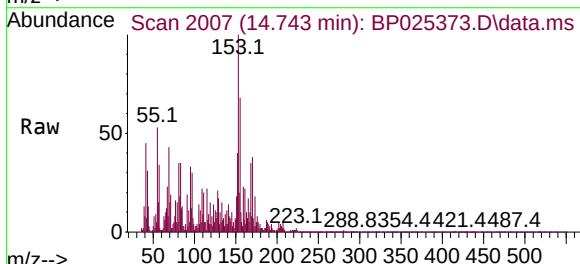
Instrument :
BNA_P
ClientSampleId :
TP-8

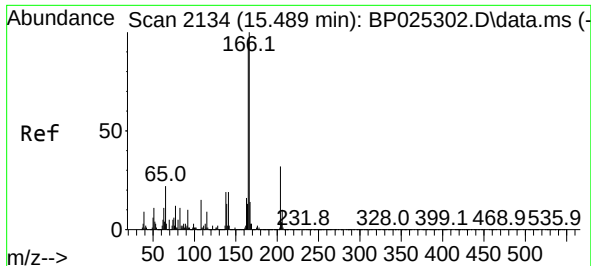
Tgt Ion:139 Resp: 30572
Ion Ratio Lower Upper
139 100
109 58.3 52.7 92.7
65 27.8 73.4 113.4#



#57
2,4-Dinitrotoluene
Concen: 3.825 ng
RT: 14.743 min Scan# 2007
Delta R.T. -0.035 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

Tgt Ion:165 Resp: 7227
Ion Ratio Lower Upper
165 100
63 47.0 33.2 49.8
89 24.9 53.5 80.3#
182 8.8 2.2 3.4#

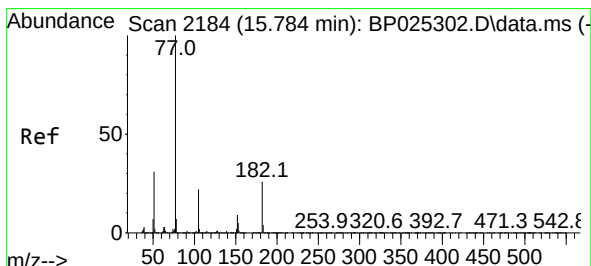
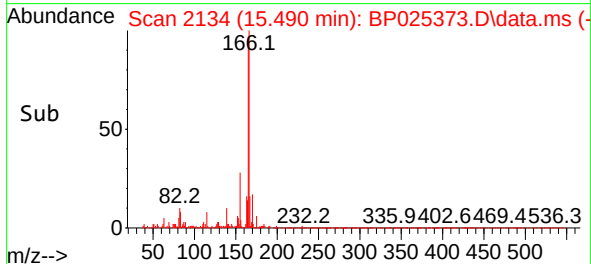
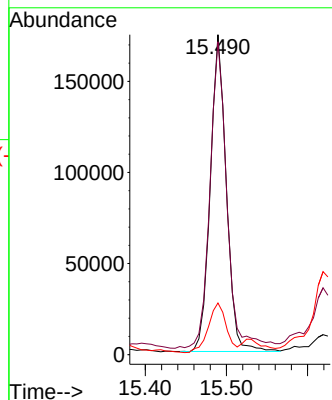
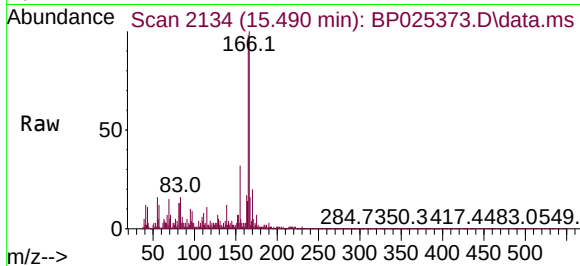




#58
 Fluorene
 Concen: 6.292 ng
 RT: 15.490 min Scan# 2134
 Delta R.T. 0.001 min
 Lab File: BP025373.D
 Acq: 12 Aug 2025 19:23

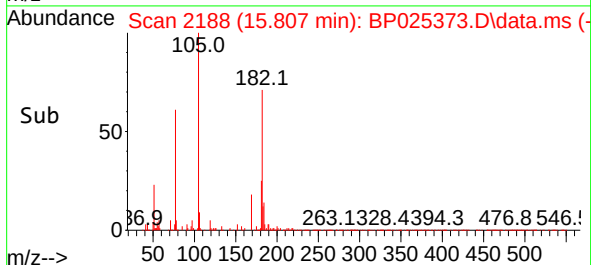
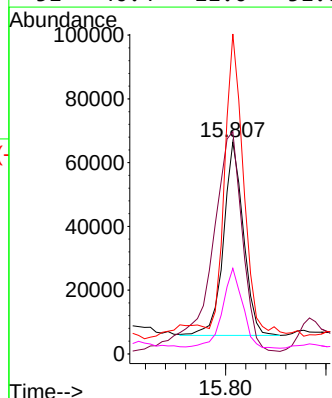
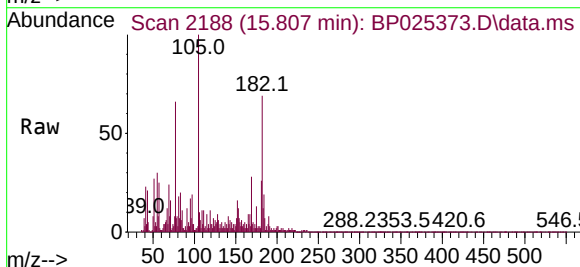
Instrument :
 BNA_P
 ClientSampleId :
 TP-8

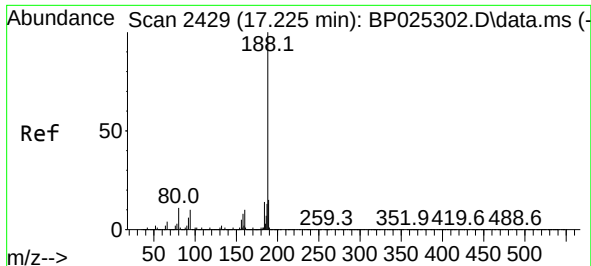
Tgt Ion:166 Resp: 239666
 Ion Ratio Lower Upper
 166 100
 165 97.8 76.7 115.1
 167 16.1 10.9 16.3



#63
 Azobenzene
 Concen: 2.163 ng
 RT: 15.807 min Scan# 2188
 Delta R.T. 0.023 min
 Lab File: BP025373.D
 Acq: 12 Aug 2025 19:23

Tgt Ion: 77 Resp: 83785
 Ion Ratio Lower Upper
 77 100
 182 104.8 6.0 46.0#
 105 151.0 2.1 42.1#
 51 40.4 11.0 51.0

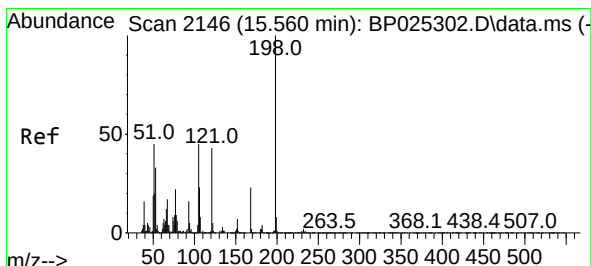
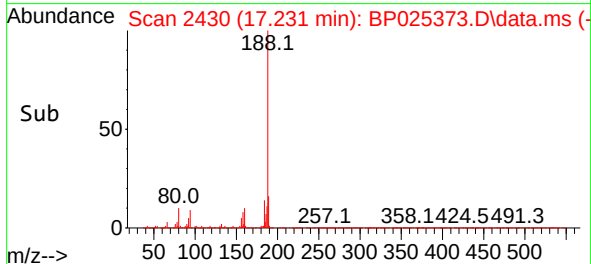
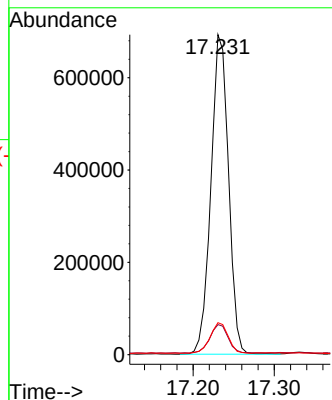
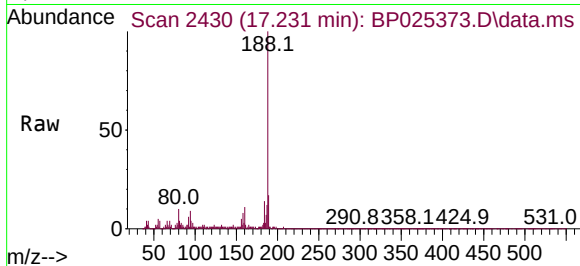




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.231 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

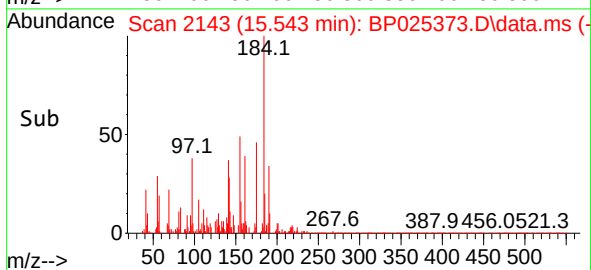
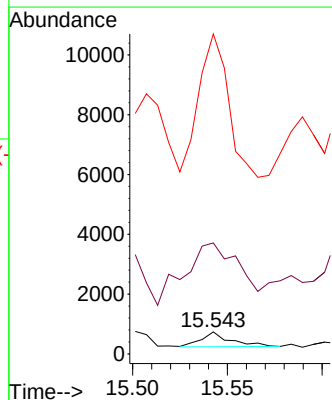
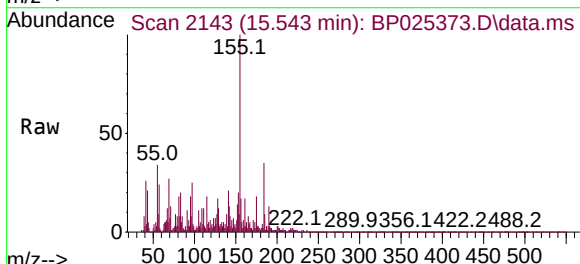
Instrument :
BNA_P
ClientSampleId :
TP-8

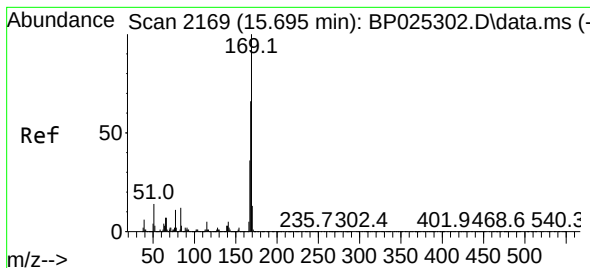
Tgt Ion:188 Resp: 1043834
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.0 8.5 12.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.975 ng
RT: 15.543 min Scan# 2143
Delta R.T. -0.017 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

Tgt Ion:198 Resp: 545
Ion Ratio Lower Upper
198 100
51 504.2 26.7 66.7#
105 1454.6 25.6 65.6#

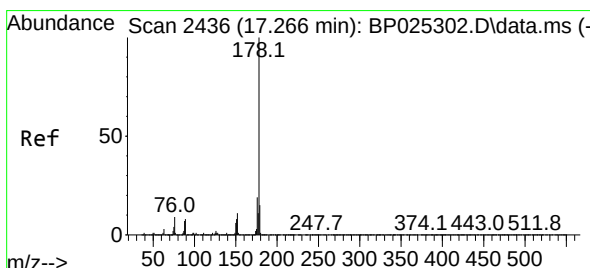
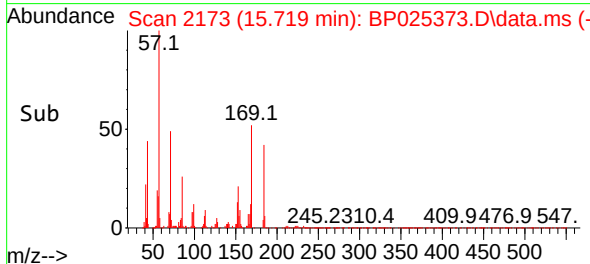
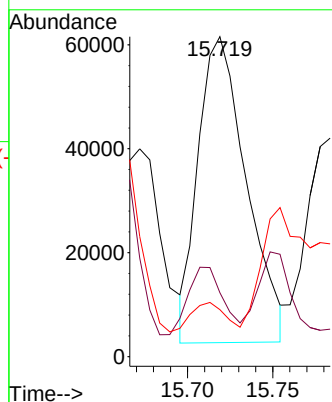
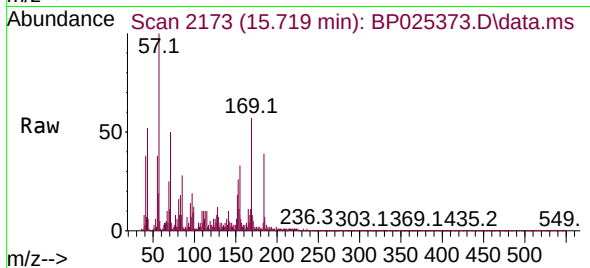




#66
 n-Nitrosodiphenylamine
 Concen: 3.638 ng
 RT: 15.719 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BP025373.D
 Acq: 12 Aug 2025 19:23

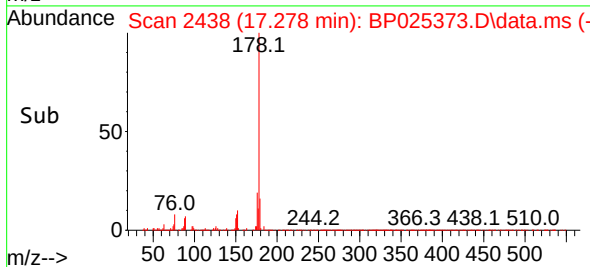
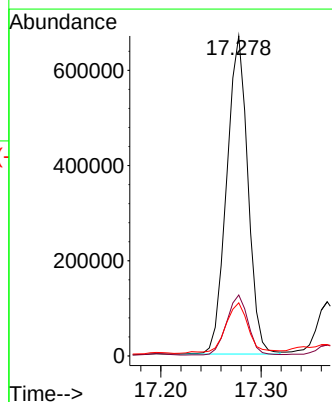
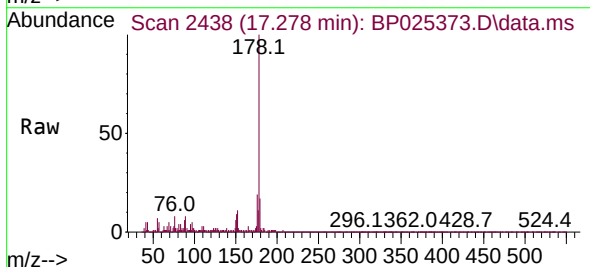
Instrument :
 BNA_P
 ClientSampleId :
 TP-8

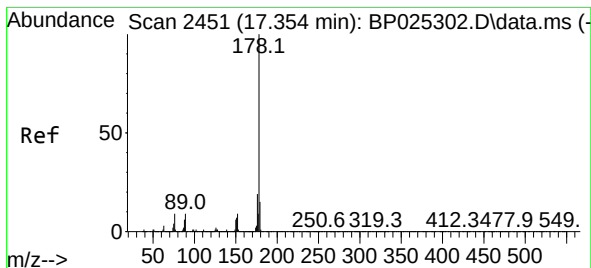
Tgt Ion:169 Resp: 115620
 Ion Ratio Lower Upper
 169 100
 168 20.0 52.8 79.2#
 167 14.7 28.5 42.7#



#71
 Phenanthrene
 Concen: 17.221 ng
 RT: 17.278 min Scan# 2438
 Delta R.T. 0.012 min
 Lab File: BP025373.D
 Acq: 12 Aug 2025 19:23

Tgt Ion:178 Resp: 984589
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 16.6 12.1 18.1





#72

Anthracene

Concen: 17.080 ng

RT: 17.278 min Scan# 2451

Delta R.T. -0.076 min

Lab File: BP025373.D

Acq: 12 Aug 2025 19:23

Instrument :

BNA_P

ClientSampleId :

TP-8

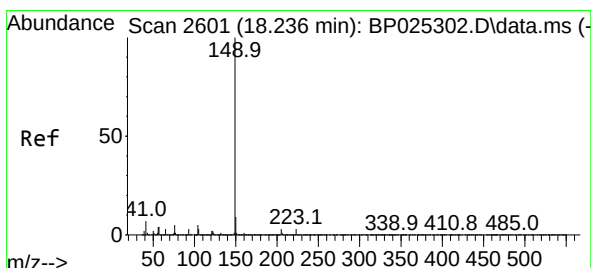
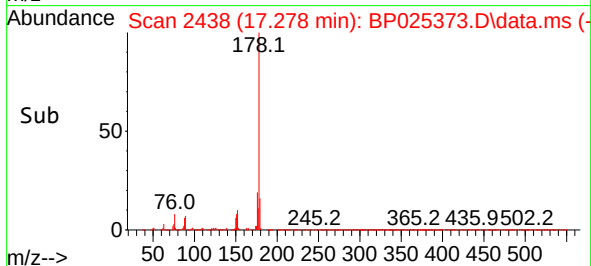
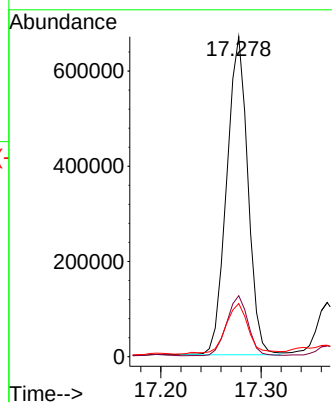
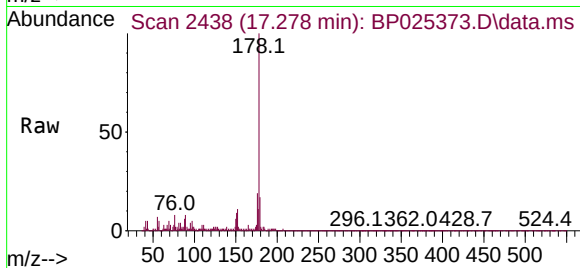
Tgt Ion:178 Resp: 984589

Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

179 16.6 12.3 18.5



#74

Di-n-butylphthalate

Concen: 2.652 ng

RT: 18.248 min Scan# 2603

Delta R.T. 0.012 min

Lab File: BP025373.D

Acq: 12 Aug 2025 19:23

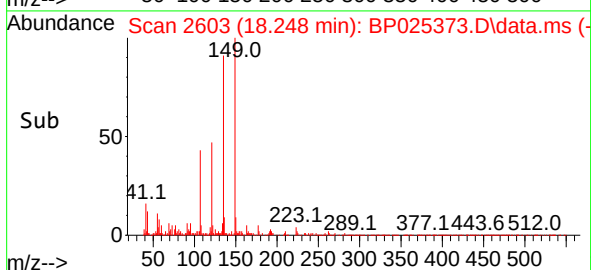
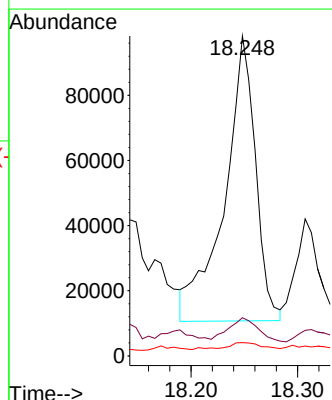
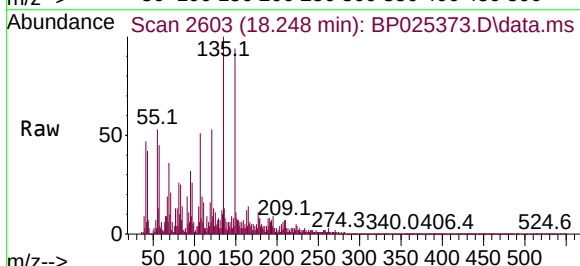
Tgt Ion:149 Resp: 177533

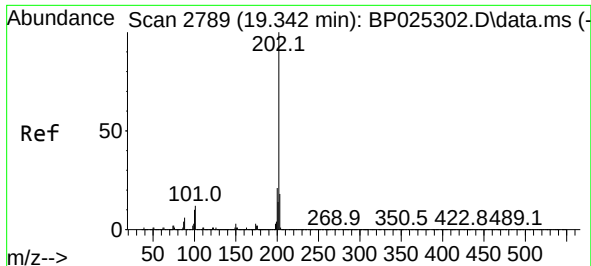
Ion Ratio Lower Upper

149 100

150 11.9 7.5 11.3#

104 4.1 4.1 6.1

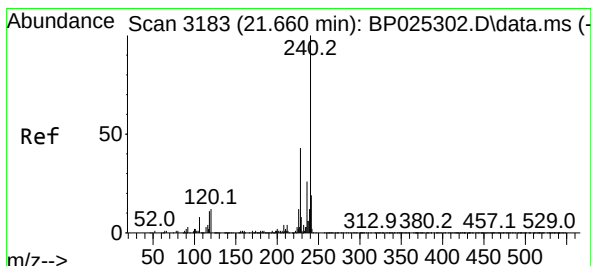
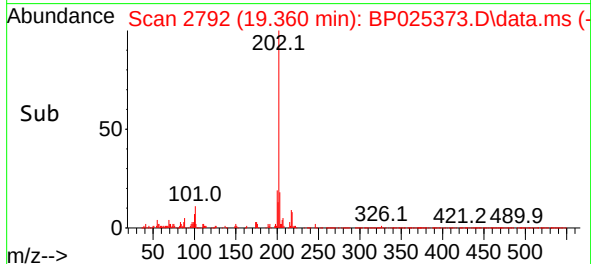
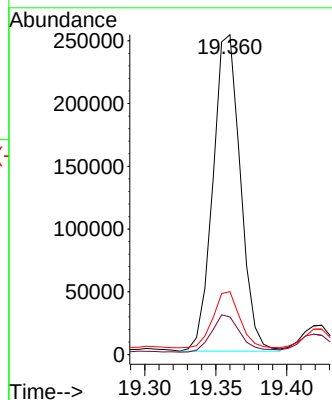
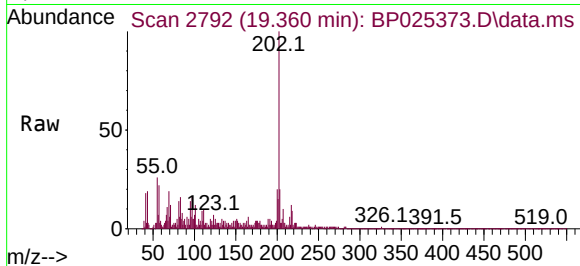




#75
Fluoranthene
Concen: 5.134 ng
RT: 19.360 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

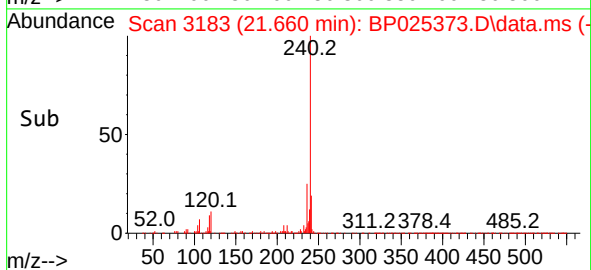
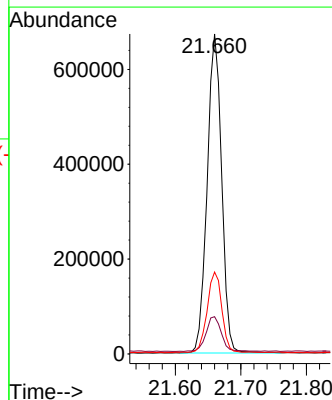
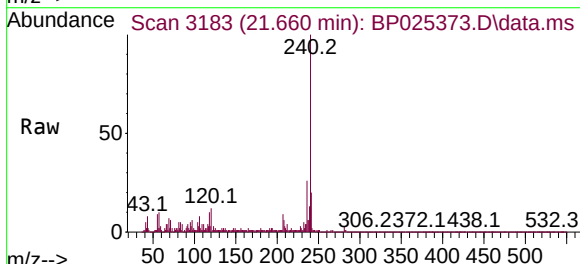
Instrument :
BNA_P
ClientSampleId :
TP-8

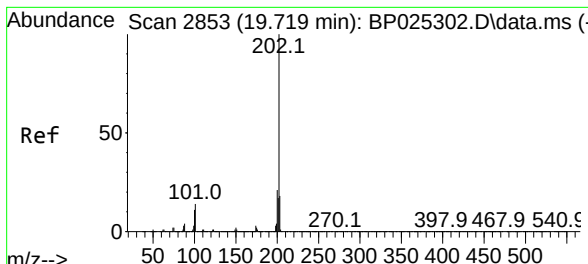
Tgt Ion:202 Resp: 339756
Ion Ratio Lower Upper
202 100
101 13.9 0.0 32.5
203 19.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 3183
Delta R.T. -0.000 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

Tgt Ion:240 Resp: 1031050
Ion Ratio Lower Upper
240 100
120 11.6 9.6 14.4
236 25.6 20.4 30.6

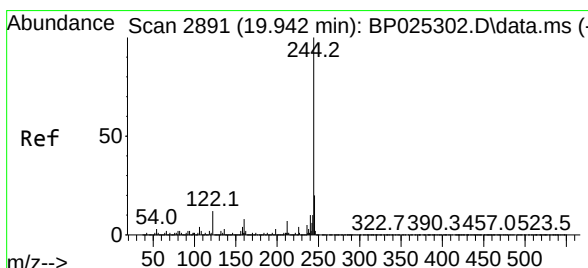
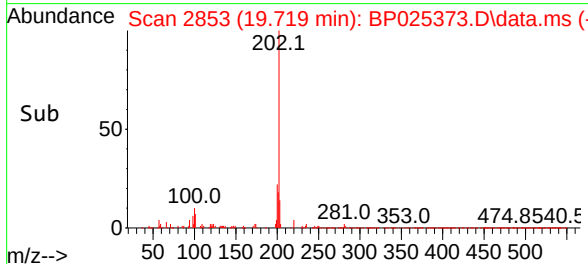
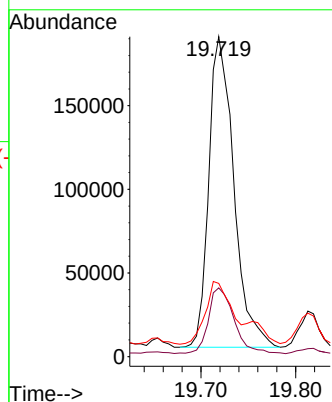
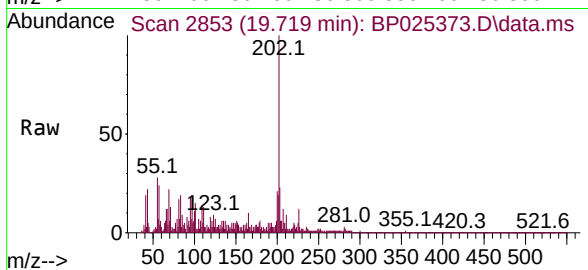




#78
 Pyrene
 Concen: 4.971 ng
 RT: 19.719 min Scan# 2853
 Delta R.T. -0.000 min
 Lab File: BP025373.D
 Acq: 12 Aug 2025 19:23

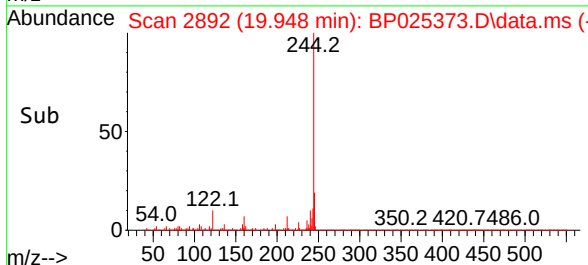
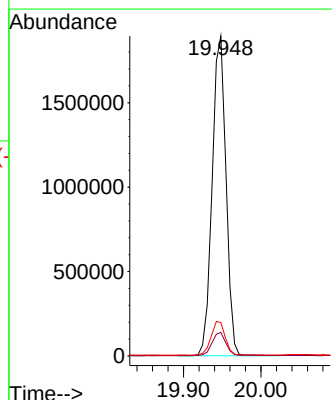
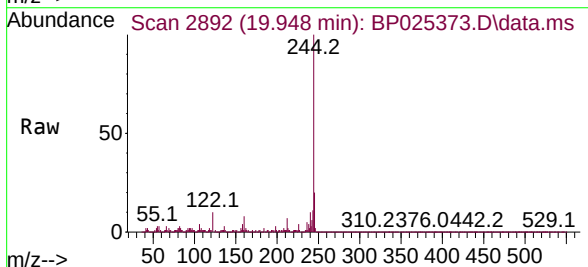
Instrument :
 BNA_P
 ClientSampleId :
 TP-8

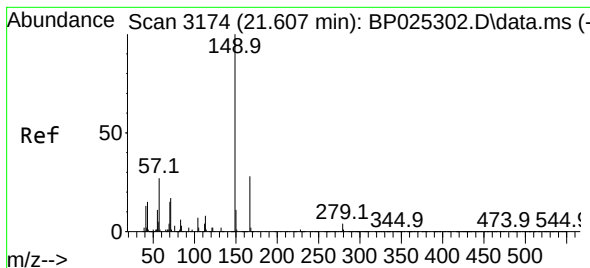
Tgt Ion:	202	Resp:	340810
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.7	25.1
203	22.9	14.1	21.1#



#79
 Terphenyl-d14
 Concen: 42.985 ng
 RT: 19.948 min Scan# 2892
 Delta R.T. 0.006 min
 Lab File: BP025373.D
 Acq: 12 Aug 2025 19:23

Tgt Ion:	244	Resp:	2346472
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.9	8.9
122	10.4	9.5	14.3

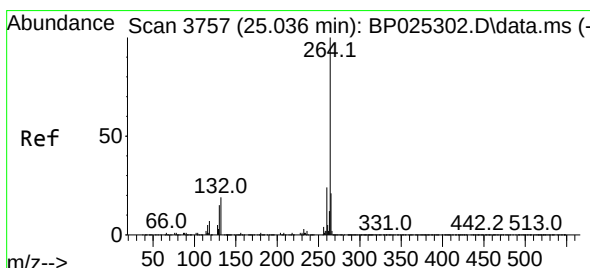
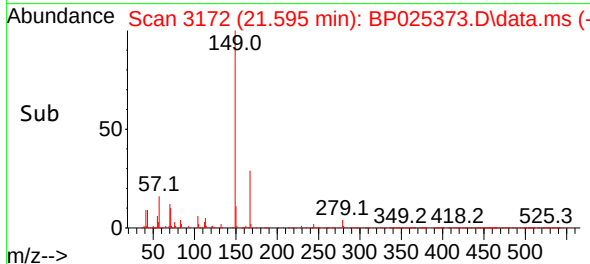
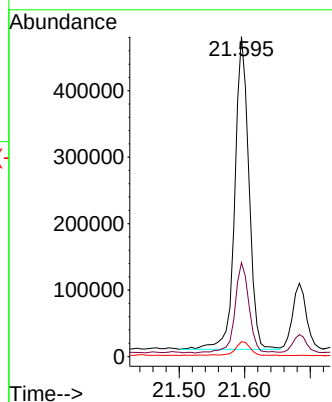
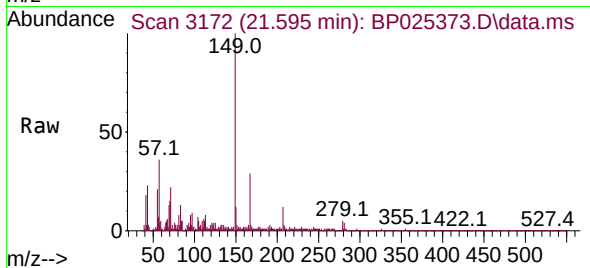




#84
Bis(2-ethylhexyl)phthalate
Concen: 15.781 ng
RT: 21.595 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

Instrument :
BNA_P
ClientSampleId :
TP-8

Tgt Ion:149 Resp: 700681
Ion Ratio Lower Upper
149 100
167 29.4 22.1 33.1
279 4.6 3.4 5.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.054 min Scan# 3760
Delta R.T. 0.018 min
Lab File: BP025373.D
Acq: 12 Aug 2025 19:23

Tgt Ion:264 Resp: 1224361
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.8 17.1 25.7

