

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
 Data File : BP025372.D
 Acq On : 12 Aug 2025 18:42
 Operator : CG/JU
 Sample : Q2818-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-3-5-2

Quant Time: Aug 12 22:59:57 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)

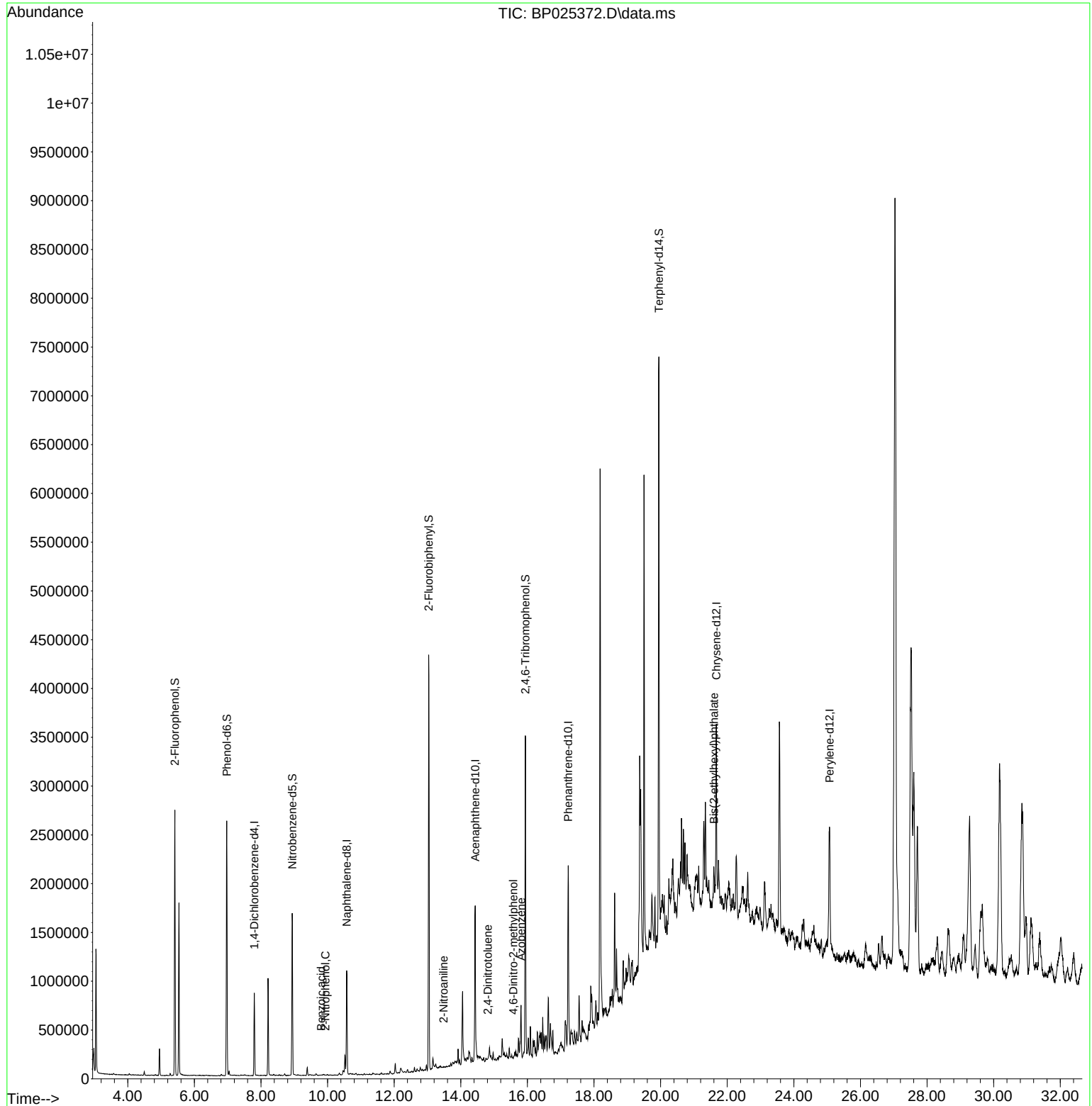
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	234324	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	947209	20.000	ng	0.00
39) Acenaphthene-d10	14.431	164	581002	20.000	ng	0.01
64) Phenanthrene-d10	17.225	188	1109318	20.000	ng	0.00
76) Chrysene-d12	21.672	240	1089871	20.000	ng	0.01
86) Perylene-d12	25.071	264	1282536	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1205881	82.770	ng	0.00
7) Phenol-d6	6.972	99	1474553	76.904	ng	0.00
23) Nitrobenzene-d5	8.937	82	968536	56.649	ng	0.00
42) 2,4,6-Tribromophenol	15.943	330	629138	108.544	ng	0.02
45) 2-Fluorobiphenyl	13.037	172	2296831	54.602	ng	0.00
79) Terphenyl-d14	19.948	244	3133751	54.309	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.937	139	275	3.674	ng	96
32) Benzoic acid	9.808	122	655	6.036	ng	92
48) 2-Nitroaniline	13.484	65	310	2.994	ng	# 53
57) 2,4-Dinitrotoluene	14.807	165	358	3.282	ng	# 85
63) Azobenzene	15.807	77	146595	3.695	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.578	198	702	5.005	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.601	149	186215	3.968	ng	# 97

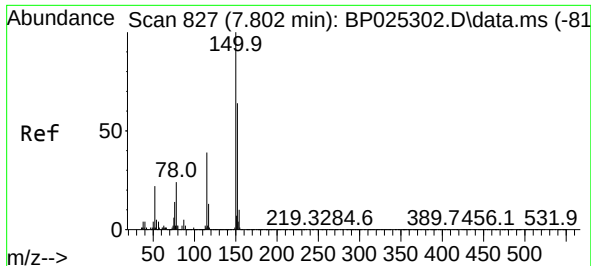
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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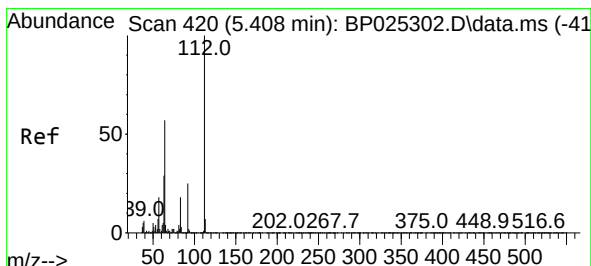
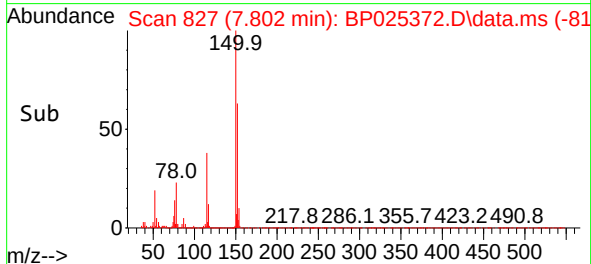
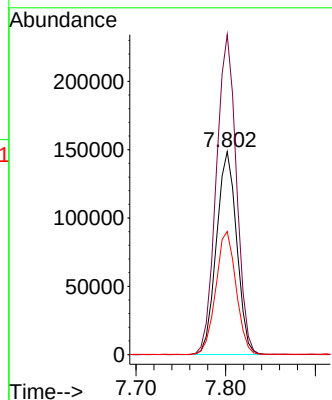
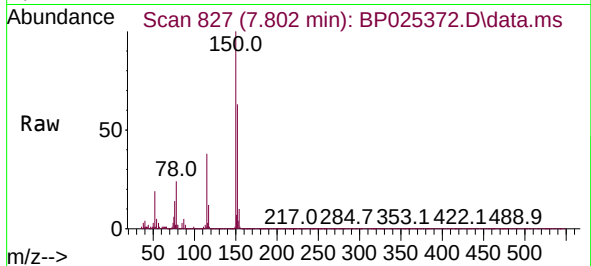




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.802 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025372.D
 Acq: 12 Aug 2025 18:42

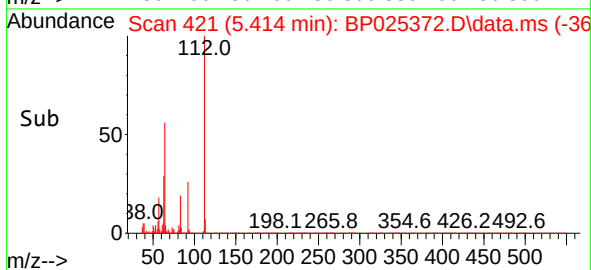
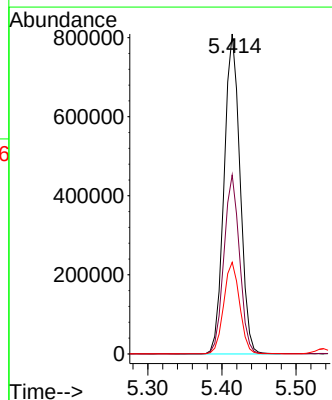
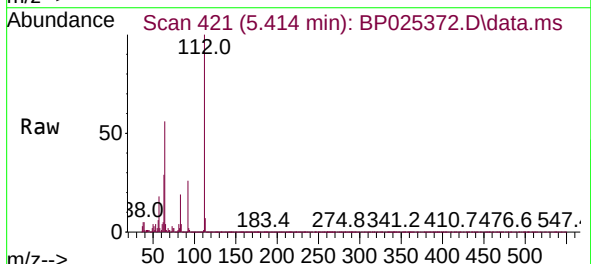
Instrument :
 BNA_P
 ClientSampleId :
 B-3-5-2

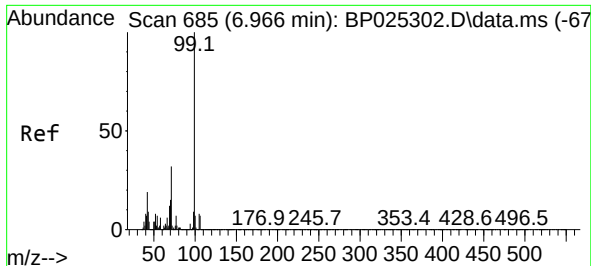
Tgt Ion:152 Resp: 234324
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.1 187.7
 115 60.6 48.4 72.6



#5
 2-Fluorophenol
 Concen: 82.770 ng
 RT: 5.414 min Scan# 421
 Delta R.T. 0.006 min
 Lab File: BP025372.D
 Acq: 12 Aug 2025 18:42

Tgt Ion:112 Resp: 1205881
 Ion Ratio Lower Upper
 112 100
 64 55.9 45.3 67.9
 63 28.7 23.0 34.6

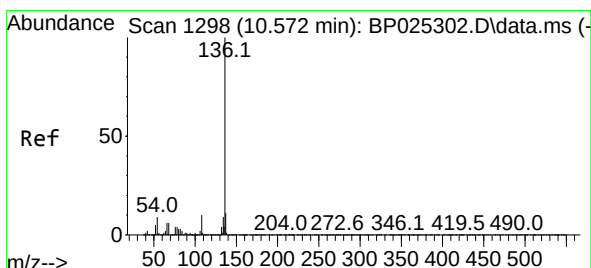
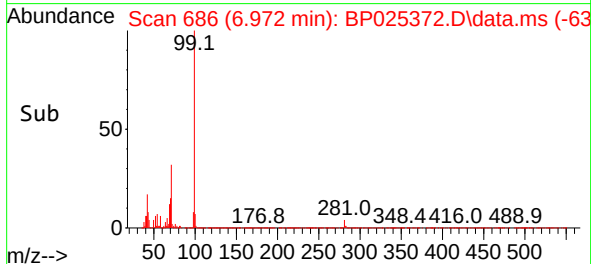
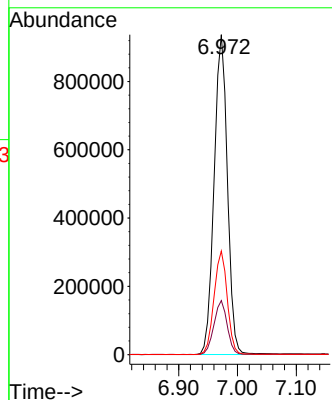
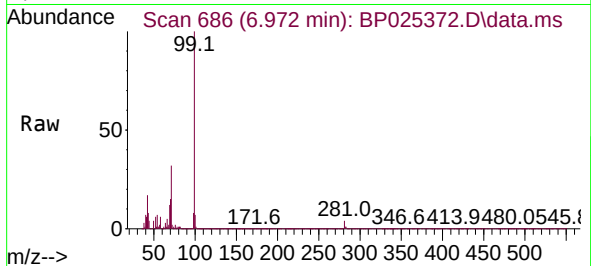




#7
Phenol-d6
Concen: 76.904 ng
RT: 6.972 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

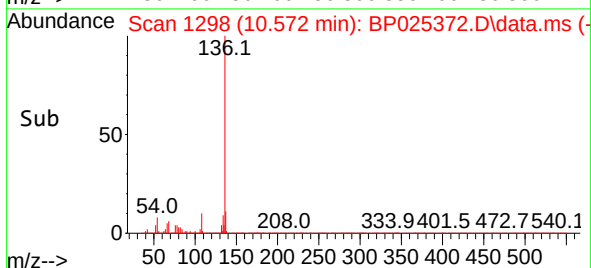
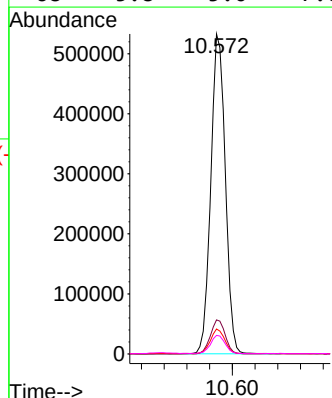
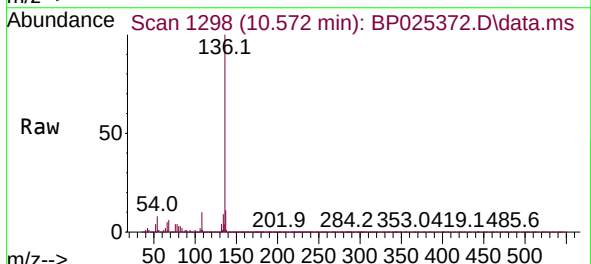
Instrument :
BNA_P
ClientSampleId :
B-3-5-2

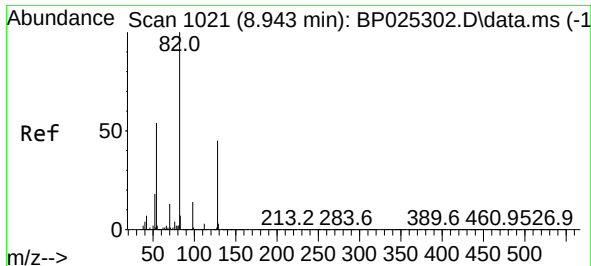
Tgt Ion: 99 Resp: 1474553
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.6
71 32.4 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Tgt Ion: 136 Resp: 947209
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.8 7.0 10.6
68 5.8 5.0 7.6

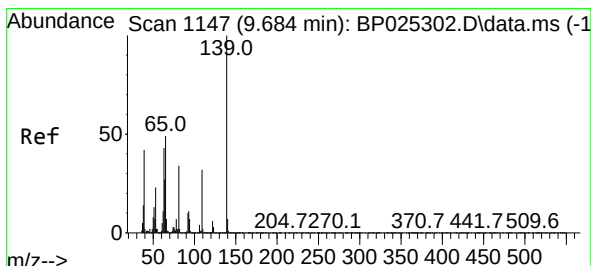
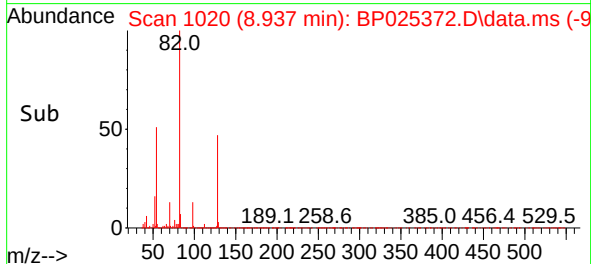
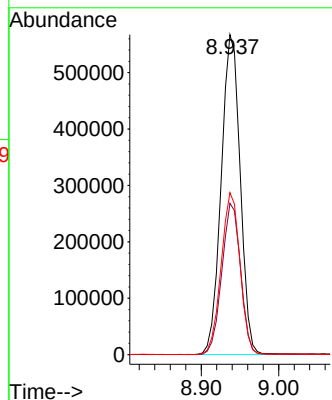
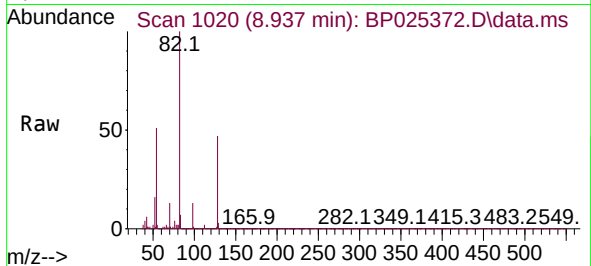




#23
Nitrobenzene-d5
Concen: 56.649 ng
RT: 8.937 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

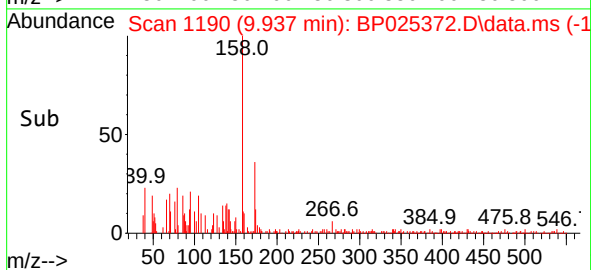
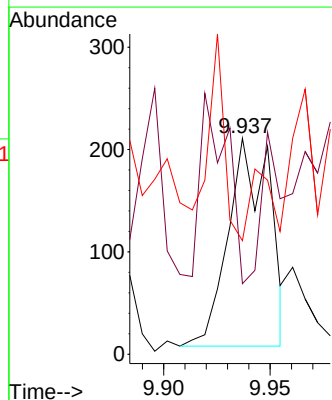
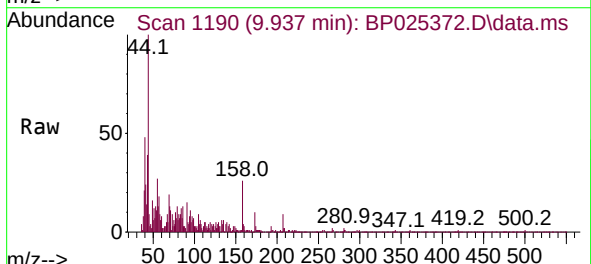
Instrument :
BNA_P
ClientSampleId :
B-3-5-2

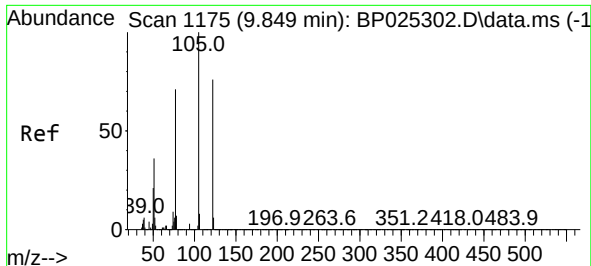
Tgt Ion: 82 Resp: 968536
Ion Ratio Lower Upper
82 100
128 47.3 35.4 53.2
54 50.6 42.9 64.3



#26
2-Nitrophenol
Concen: 3.674 ng
RT: 9.937 min Scan# 1190
Delta R.T. 0.253 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Tgt Ion: 139 Resp: 275
Ion Ratio Lower Upper
139 100
109 32.7 25.2 37.8
65 52.6 39.6 59.4

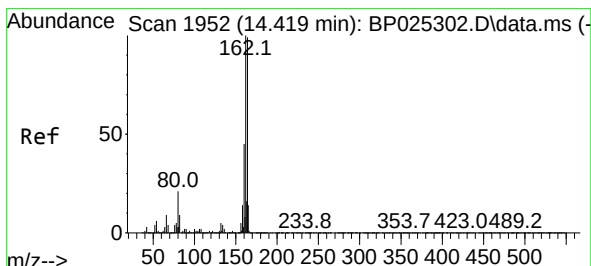
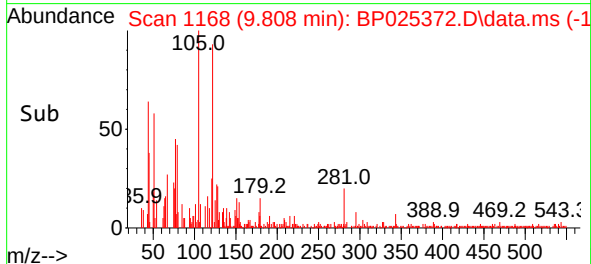
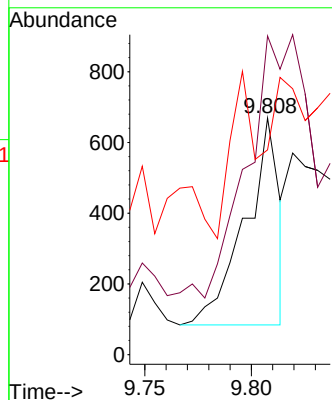
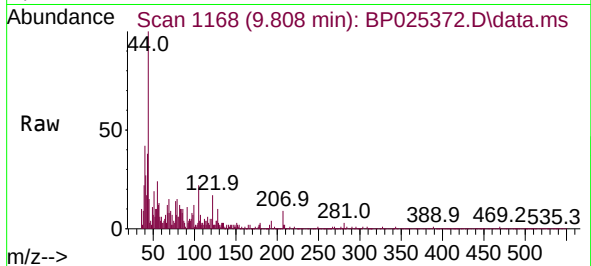




#32
Benzoic acid
Concen: 6.036 ng
RT: 9.808 min Scan# 1168
Delta R.T. -0.041 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

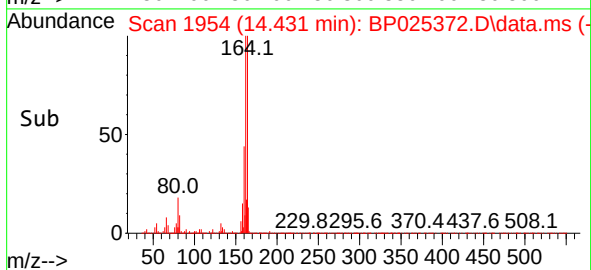
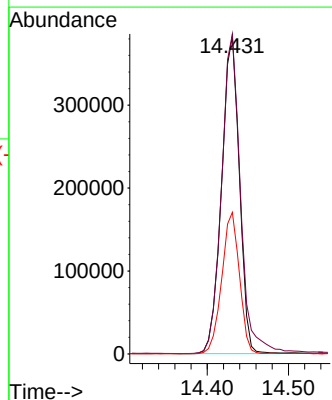
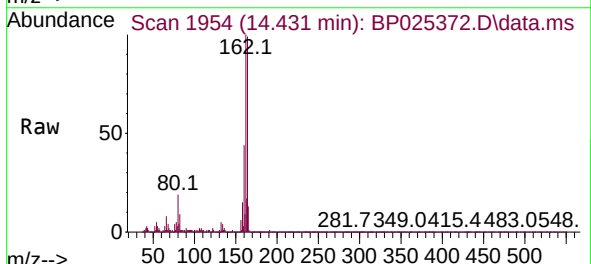
Instrument :
BNA_P
ClientSampleId :
B-3-5-2

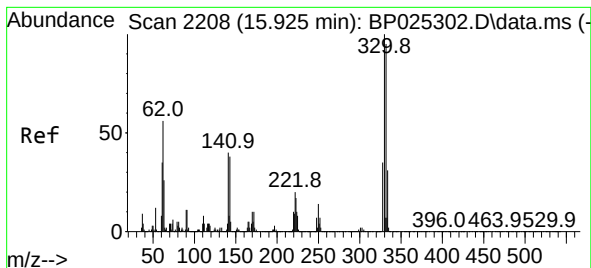
Tgt Ion:	122	Resp:	655
Ion	Ratio	Lower	Upper
122	100		
105	134.7	104.0	144.0
77	86.5	71.8	111.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.431 min Scan# 1954
Delta R.T. 0.012 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Tgt Ion:	164	Resp:	581002
Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	44.5	35.9	53.9





#42

2,4,6-Tribromophenol

Concen: 108.544 ng

RT: 15.943 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025372.D

Acq: 12 Aug 2025 18:42

Instrument :

BNA_P

ClientSampleId :

B-3-5-2

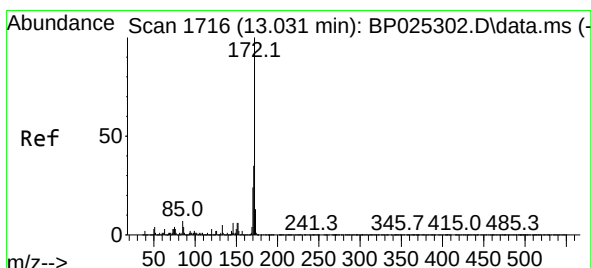
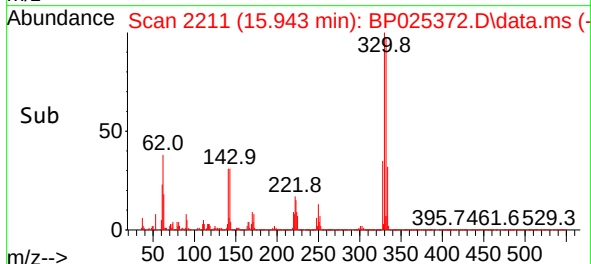
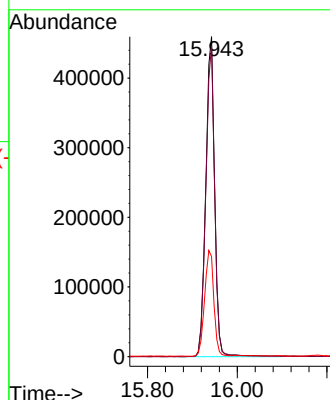
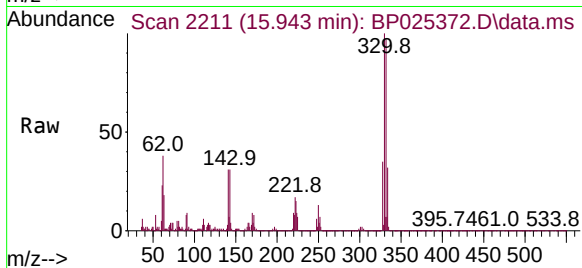
Tgt Ion:330 Resp: 629138

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 34.3 31.7 47.5



#45

2-Fluorobiphenyl

Concen: 54.602 ng

RT: 13.037 min Scan# 1717

Delta R.T. 0.006 min

Lab File: BP025372.D

Acq: 12 Aug 2025 18:42

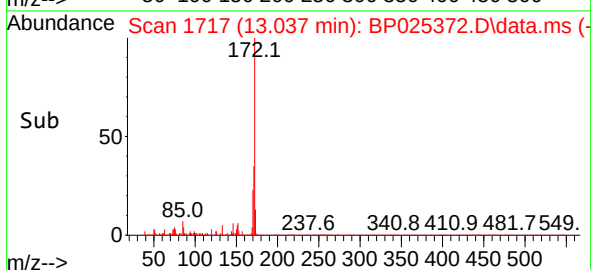
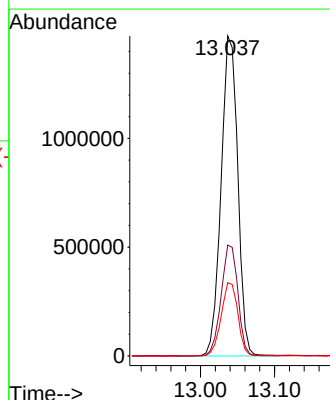
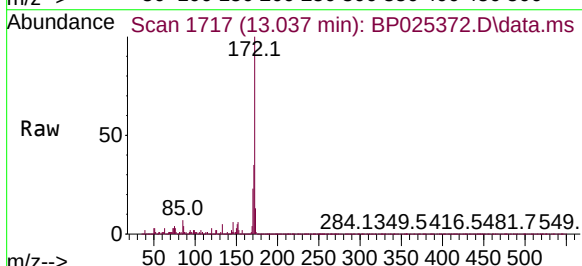
Tgt Ion:172 Resp: 2296831

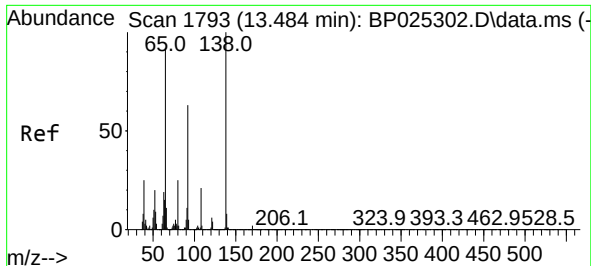
Ion Ratio Lower Upper

172 100

171 34.6 27.9 41.9

170 22.9 18.9 28.3

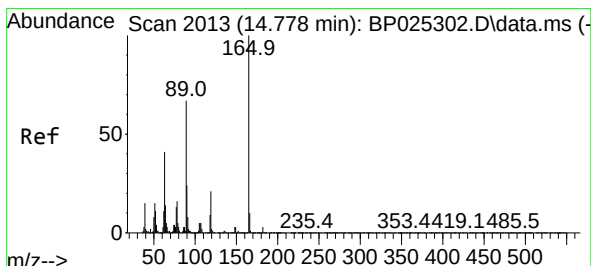
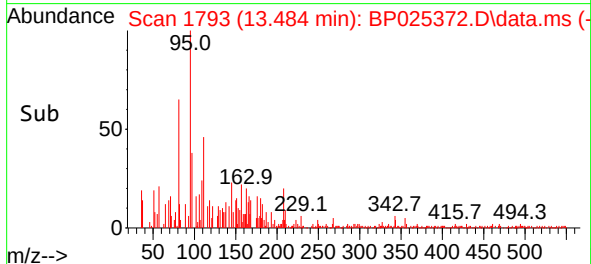
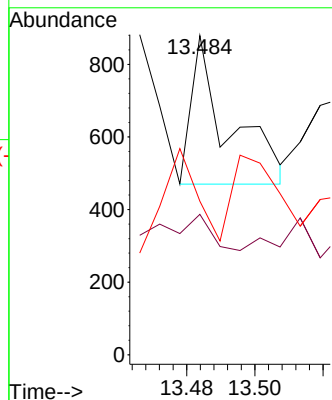
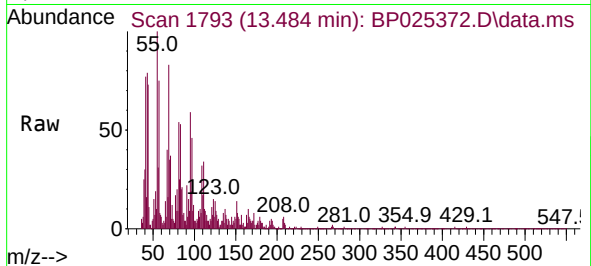




#48
2-Nitroaniline
Concen: 2.994 ng
RT: 13.484 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

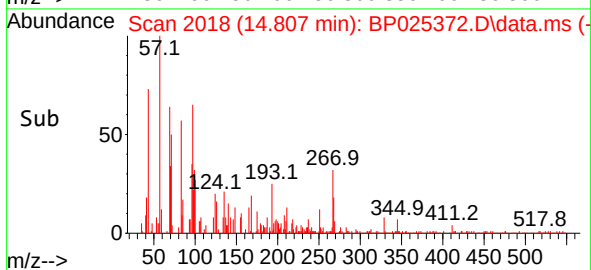
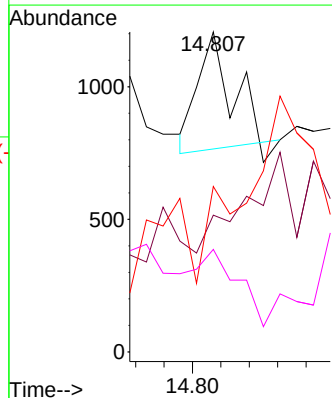
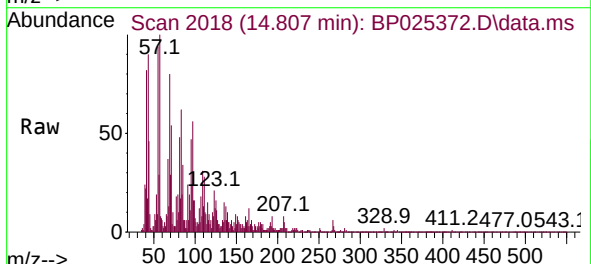
Instrument :
BNA_P
ClientSampleId :
B-3-5-2

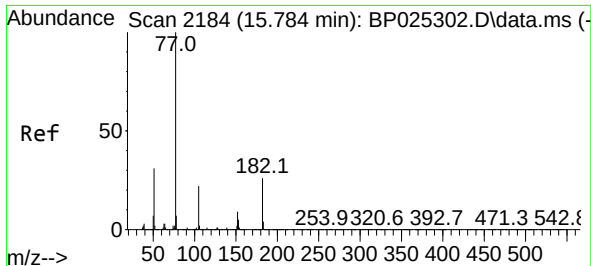
Tgt Ion: 65 Resp: 310
Ion Ratio Lower Upper
65 100
92 44.0 54.4 81.6#
138 48.1 87.0 130.4#



#57
2,4-Dinitrotoluene
Concen: 3.282 ng
RT: 14.807 min Scan# 2018
Delta R.T. 0.029 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Tgt Ion: 165 Resp: 358
Ion Ratio Lower Upper
165 100
63 42.8 33.2 49.8
89 51.7 53.5 80.3#
182 37.4 2.2 3.4#

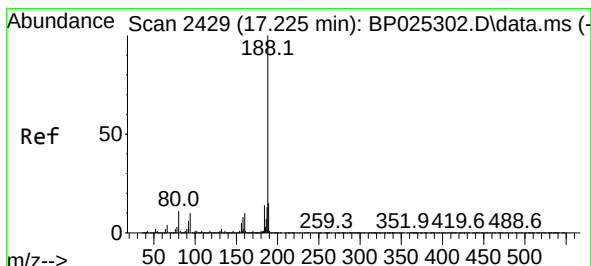
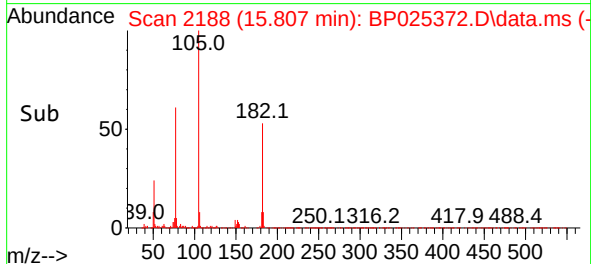
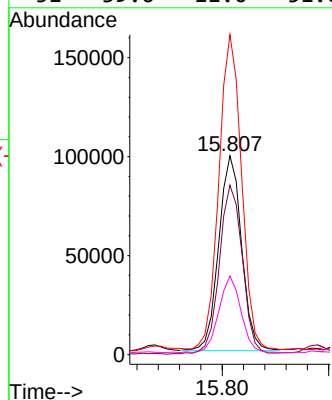
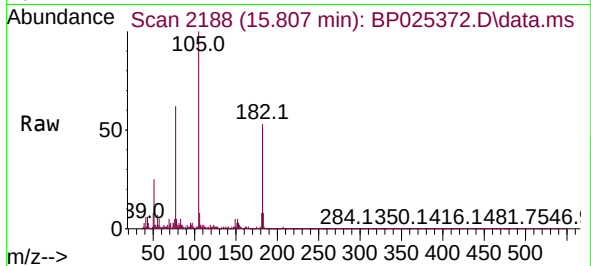




#63
Azobenzene
Concen: 3.695 ng
RT: 15.807 min Scan# 2184
Delta R.T. 0.023 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

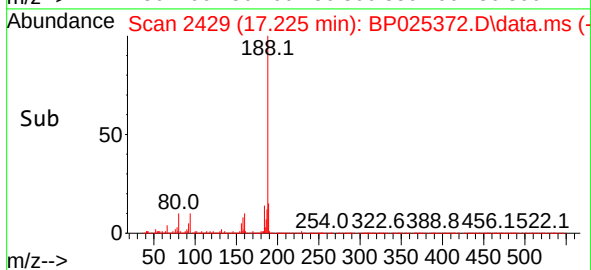
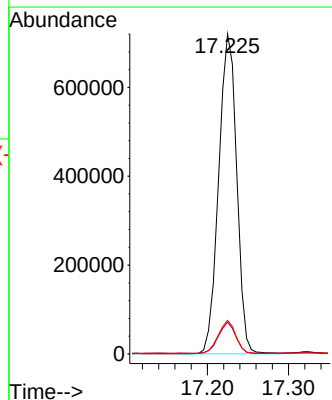
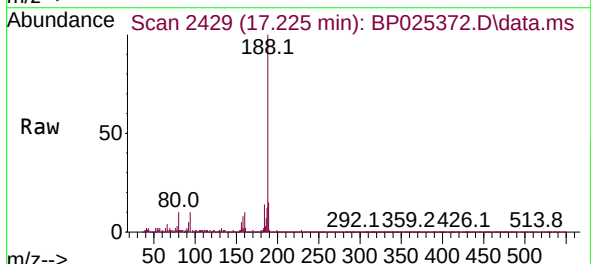
Instrument :
BNA_P
ClientSampleId :
B-3-5-2

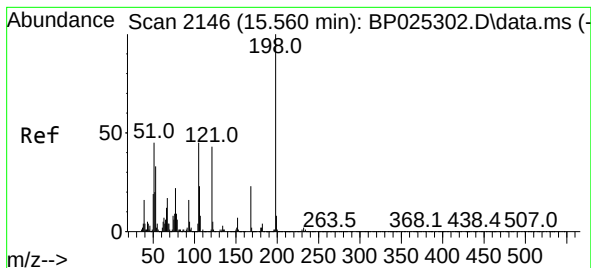
Tgt Ion: 77 Resp: 146595
Ion Ratio Lower Upper
77 100
182 85.2 6.0 46.0#
105 160.9 2.1 42.1#
51 39.6 11.0 51.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Tgt Ion: 188 Resp: 1109318
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 10.5 8.5 12.7

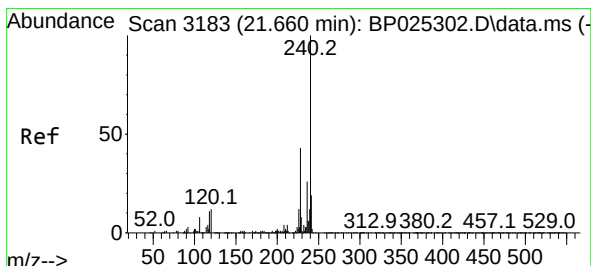
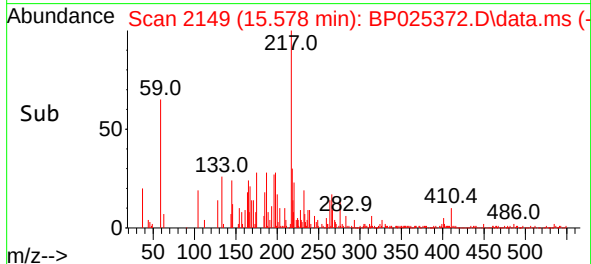
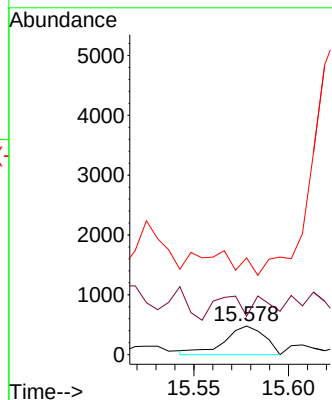
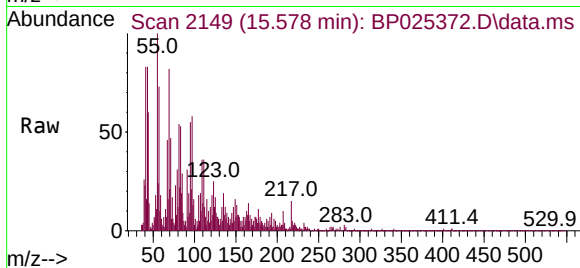




#65
4,6-Dinitro-2-methylphenol
Concen: 5.005 ng
RT: 15.578 min Scan# 2149
Delta R.T. 0.018 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

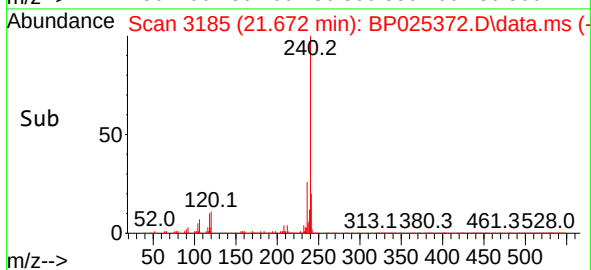
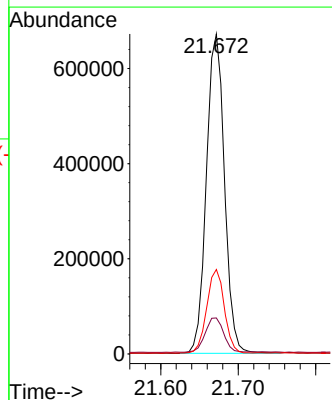
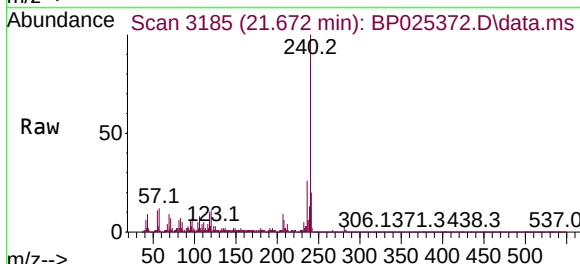
Instrument :
BNA_P
ClientSampleId :
B-3-5-2

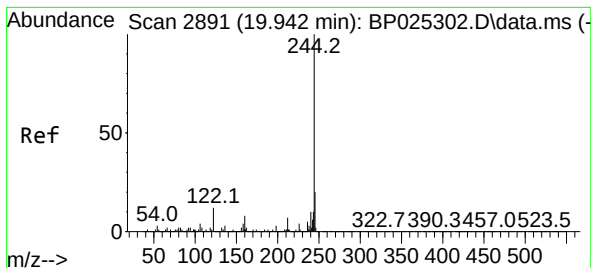
Tgt Ion:198 Resp: 702
Ion Ratio Lower Upper
198 100
51 133.6 26.7 66.7#
105 337.8 25.6 65.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.672 min Scan# 3185
Delta R.T. 0.012 min
Lab File: BP025372.D
Acq: 12 Aug 2025 18:42

Tgt Ion:240 Resp: 1089871
Ion Ratio Lower Upper
240 100
120 11.2 9.6 14.4
236 26.4 20.4 30.6





#79

Terphenyl-d14

Concen: 54.309 ng

RT: 19.948 min Scan# 2891

Delta R.T. 0.006 min

Lab File: BP025372.D

Acq: 12 Aug 2025 18:42

Instrument :

BNA_P

ClientSampleId :

B-3-5-2

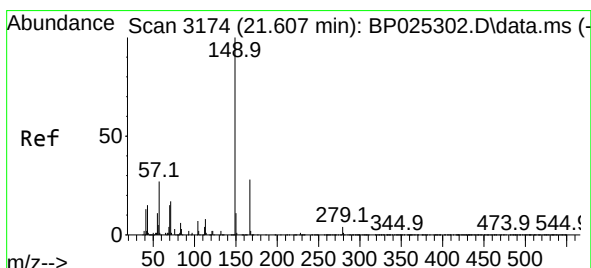
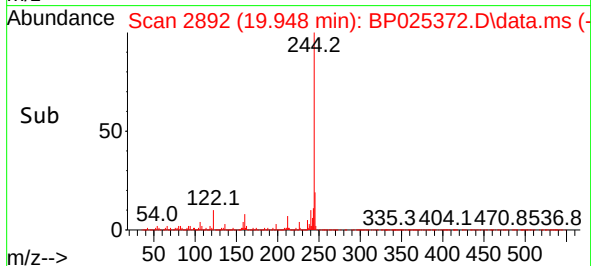
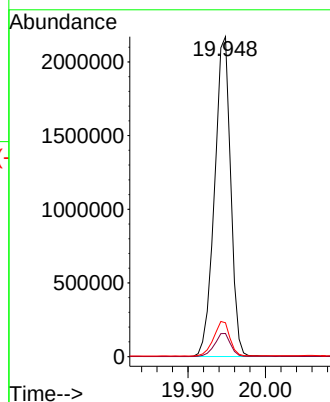
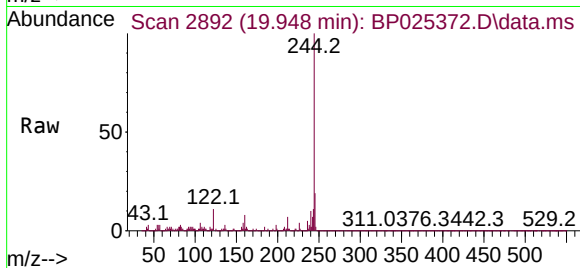
Tgt Ion:244 Resp: 3133751

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 10.6 9.5 14.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.968 ng

RT: 21.601 min Scan# 3173

Delta R.T. -0.006 min

Lab File: BP025372.D

Acq: 12 Aug 2025 18:42

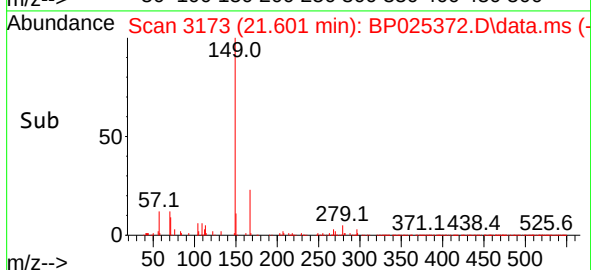
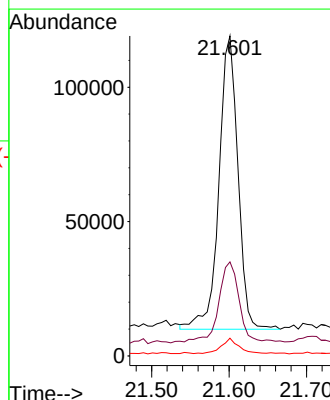
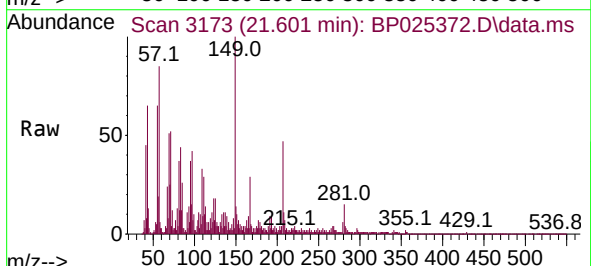
Tgt Ion:149 Resp: 186215

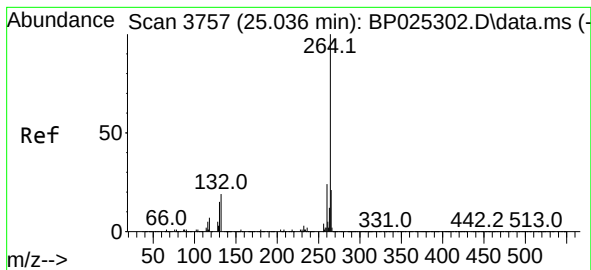
Ion Ratio Lower Upper

149 100

167 29.4 22.1 33.1

279 5.5 3.4 5.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.071 min Scan# 31
 Delta R.T. 0.035 min
 Lab File: BP025372.D
 Acq: 12 Aug 2025 18:42

Instrument :
 BNA_P
 ClientSampleId :
 B-3-5-2

Tgt Ion:264 Resp: 1282536
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.0 17.1 25.7

