

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025123.D
 Acq On : 14 Jul 2025 17:04
 Operator : CG/JU
 Sample : Q2517-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-14

Quant Time: Jul 14 17:28:34 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)

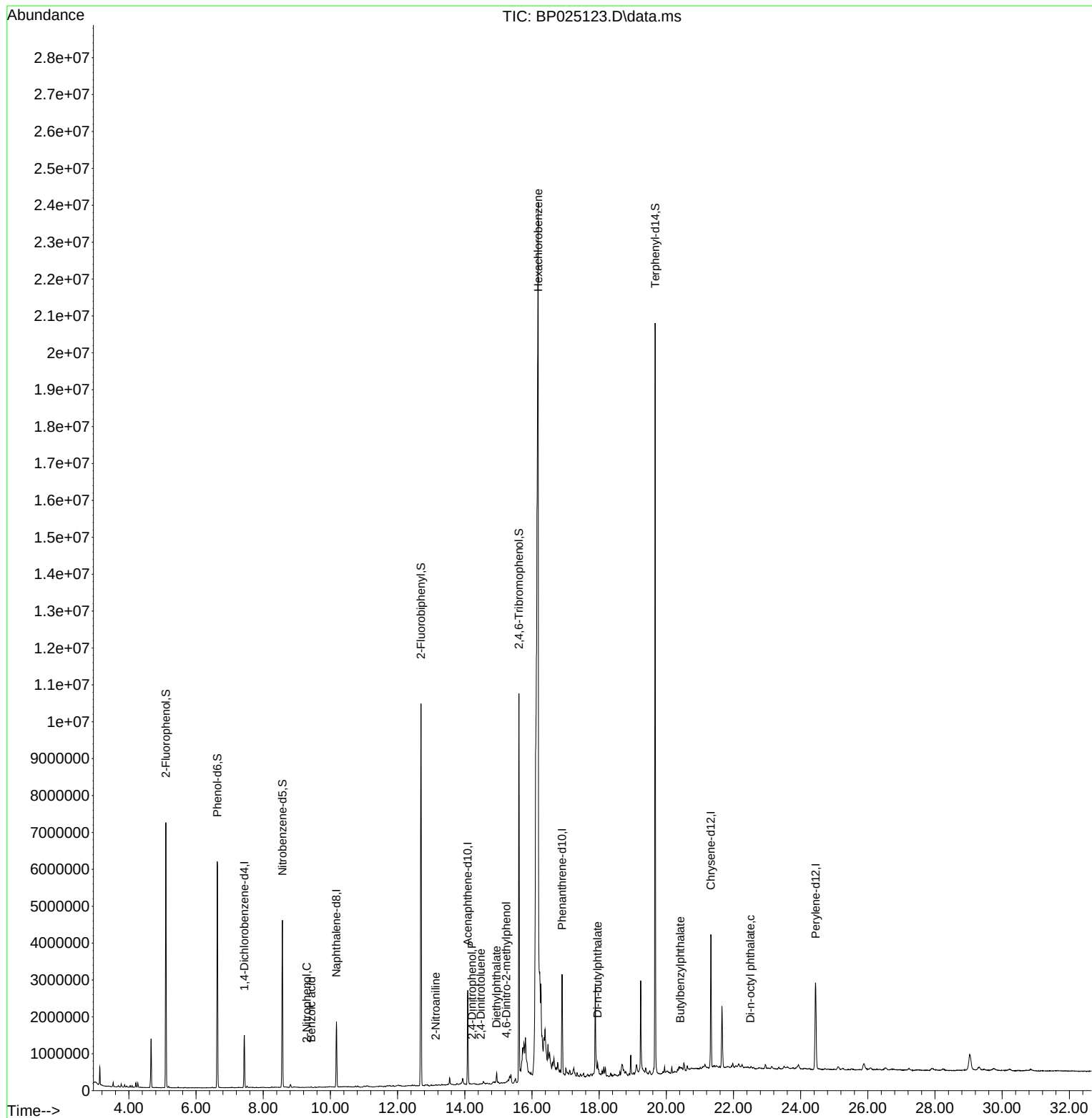
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	399476	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1520127	20.000	ng	0.00
39) Acenaphthene-d10	14.090	164	911530	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	1802637	20.000	ng	-0.01
76) Chrysene-d12	21.325	240	2057817	20.000	ng	-0.02
86) Perylene-d12	24.442	264	2320827	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3089313	137.025	ng	0.00
7) Phenol-d6	6.631	99	3439847	116.915	ng	0.00
23) Nitrobenzene-d5	8.572	82	2510505	109.834	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1802189	167.362	ng	0.00
45) 2-Fluorobiphenyl	12.696	172	6146132	104.455	ng	0.00
79) Terphenyl-d14	19.672	244	9620834	102.752	ng	0.00
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.296	139	138	3.313	ng	# 1
32) Benzoic acid	9.431	122	12205	6.871	ng	98
48) 2-Nitroaniline	13.137	65	220	2.781	ng	# 61
54) 2,4-Dinitrophenol	14.213	184	200	5.416	ng	# 1
57) 2,4-Dinitrotoluene	14.472	165	430	2.659	ng	# 79
60) Diethylphthalate	14.948	149	224221	3.499	ng	99
65) 4,6-Dinitro-2-methylph...	15.237	198	173	5.597	ng	# 1
68) Hexachlorobenzene	16.184	284	1337607	59.292	ng	# 46
74) Di-n-butylphthalate	17.954	149	225583	2.242	ng	99
80) Butylbenzylphthalate	20.419	149	3551	3.749	ng	# 27
85) Di-n-octyl phthalate	22.507	149	4376	6.130	ng	# 73

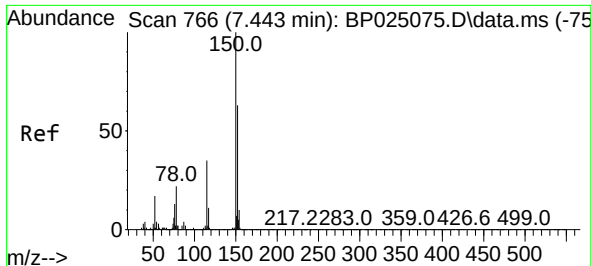
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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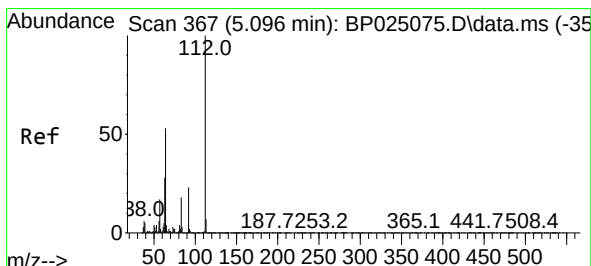
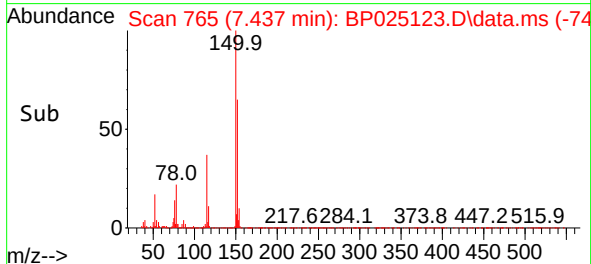
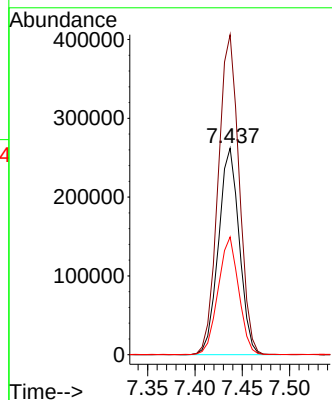
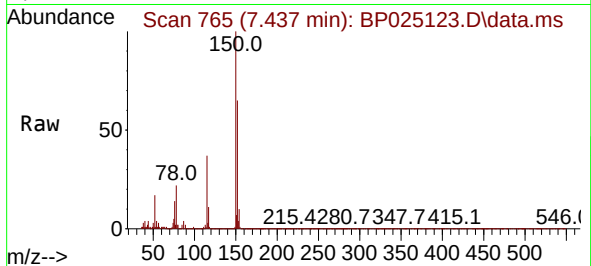




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.437 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BP025123.D
 Acq: 14 Jul 2025 17:04

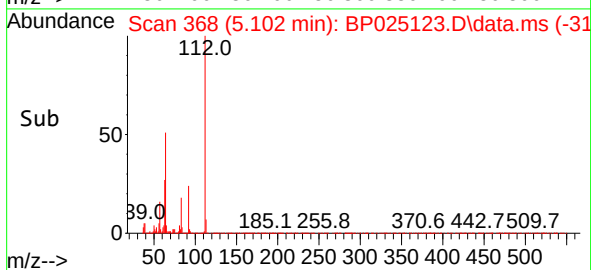
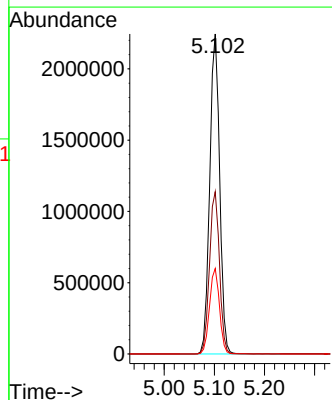
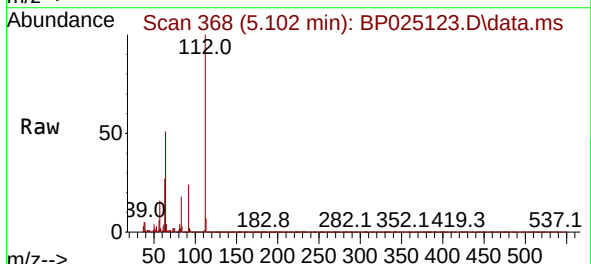
Instrument :
 BNA_P
 ClientSampleId :
 TP-14

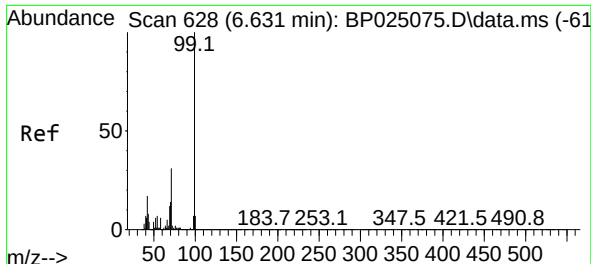
Tgt Ion:152 Resp: 399476
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.1 189.1
 115 57.0 44.3 66.5



#5
 2-Fluorophenol
 Concen: 137.025 ng
 RT: 5.102 min Scan# 368
 Delta R.T. 0.006 min
 Lab File: BP025123.D
 Acq: 14 Jul 2025 17:04

Tgt Ion:112 Resp: 3089313
 Ion Ratio Lower Upper
 112 100
 64 50.7 42.0 63.0
 63 26.7 22.2 33.2



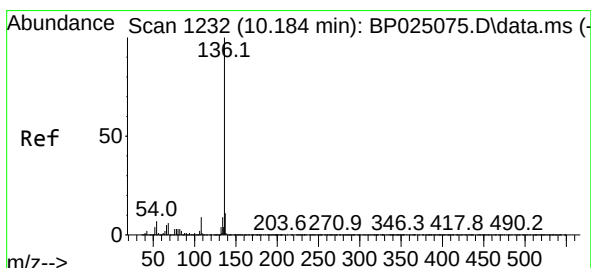
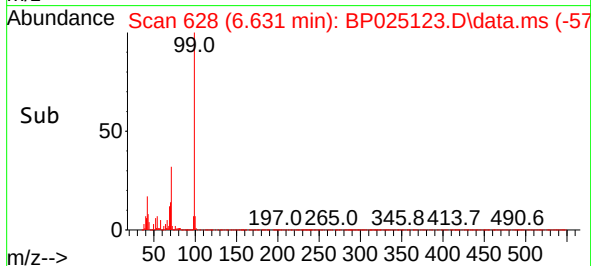
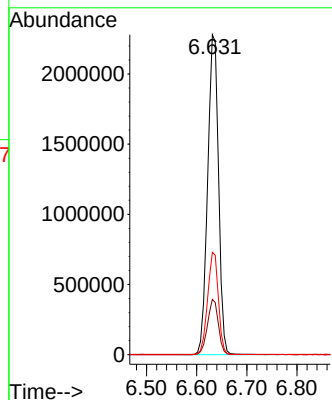
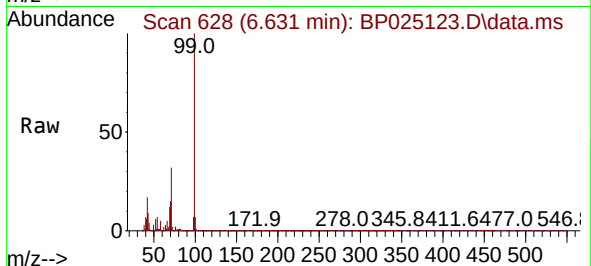


#7
Phenol-d6
Concen: 116.915 ng
RT: 6.631 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025123.D
Acq: 14 Jul 2025 17:04

Instrument :
BNA_P
ClientSampleId :
TP-14

Tgt Ion: 99 Resp: 3439847

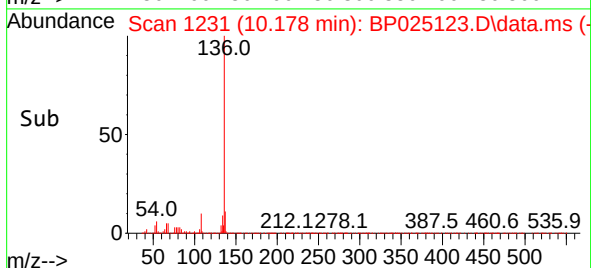
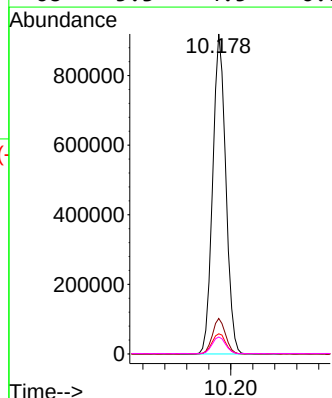
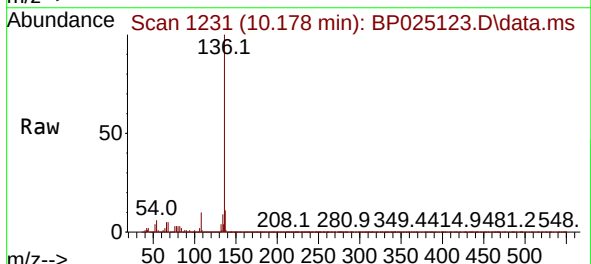
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.6	20.4
71	32.0	24.4	36.6

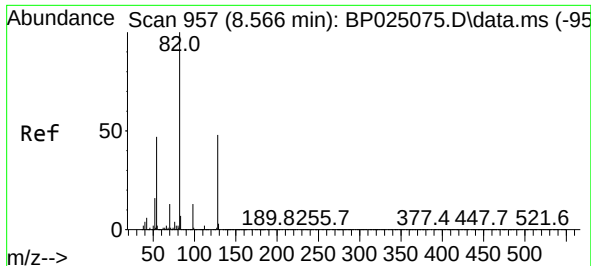


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025123.D
Acq: 14 Jul 2025 17:04

Tgt Ion:136 Resp: 1520127

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.3	5.4	8.2
68	5.3	4.5	6.7

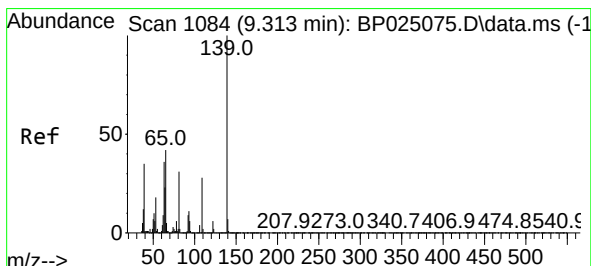
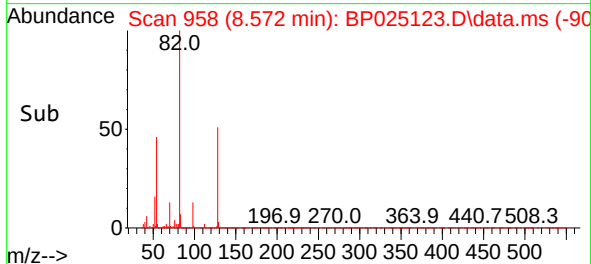
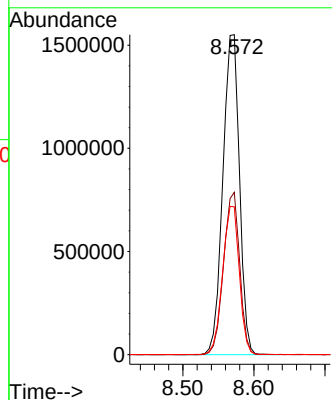
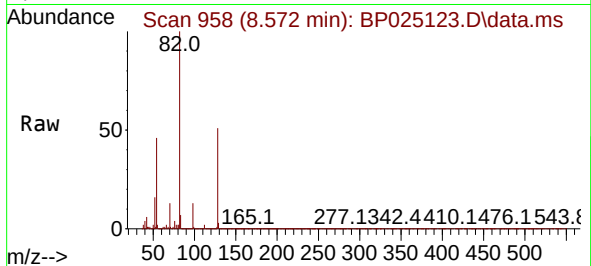




#23
Nitrobenzene-d5
Concen: 109.834 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025123.D
Acq: 14 Jul 2025 17:04

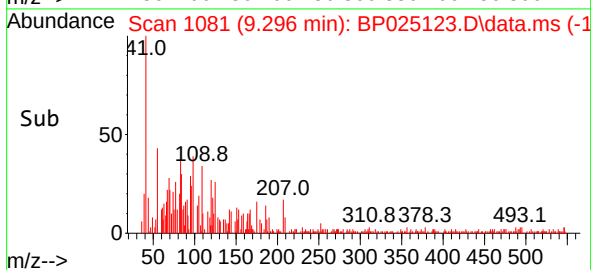
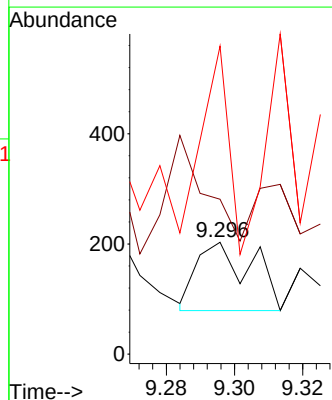
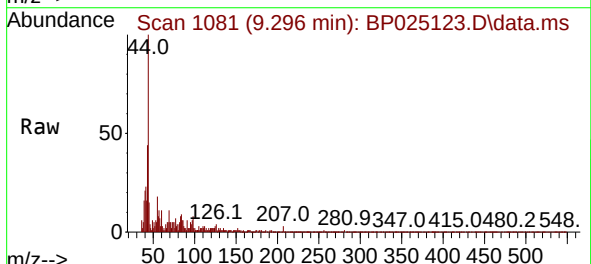
Instrument :
BNA_P
ClientSampleId :
TP-14

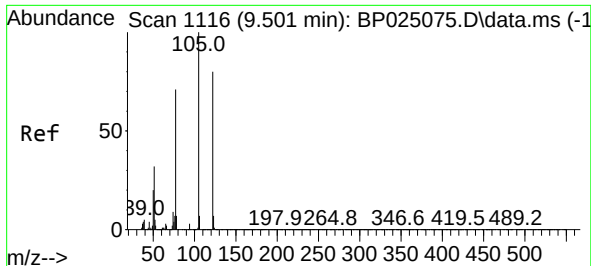
Tgt Ion: 82 Resp: 2510505
Ion Ratio Lower Upper
82 100
128 50.7 38.4 57.6
54 46.2 37.8 56.6



#26
2-Nitrophenol
Concen: 3.313 ng
RT: 9.296 min Scan# 1081
Delta R.T. -0.017 min
Lab File: BP025123.D
Acq: 14 Jul 2025 17:04

Tgt Ion:139 Resp: 138
Ion Ratio Lower Upper
139 100
109 138.4 22.3 33.5#
65 275.4 33.8 50.8#

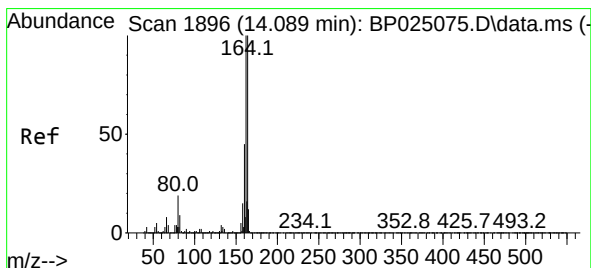
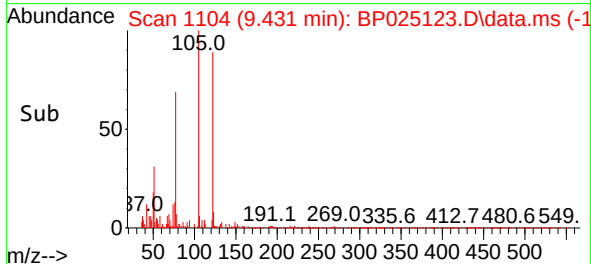
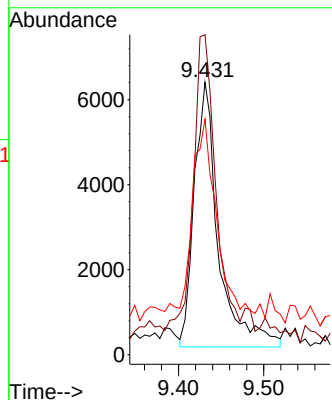
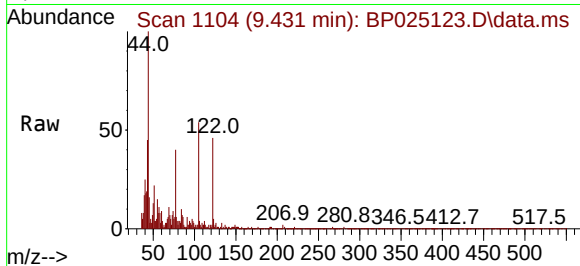




#32
Benzoic acid
Concen: 6.871 ng
RT: 9.431 min Scan# 1116
Delta R.T. -0.070 min
Lab File: BP025123.D
Acq: 14 Jul 2025 17:04

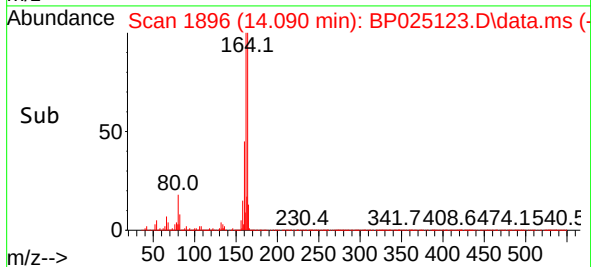
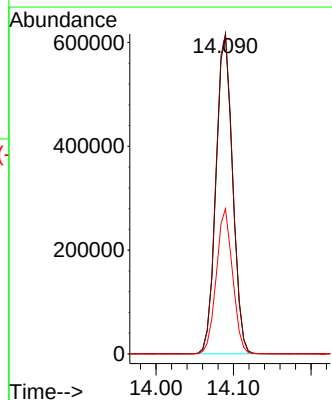
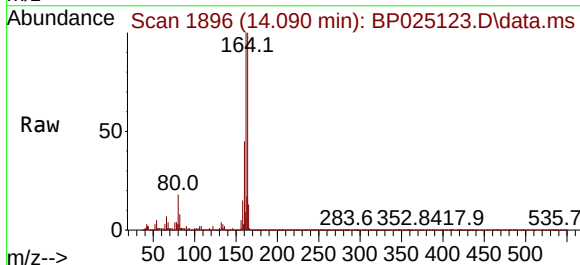
Instrument :
BNA_P
ClientSampleId :
TP-14

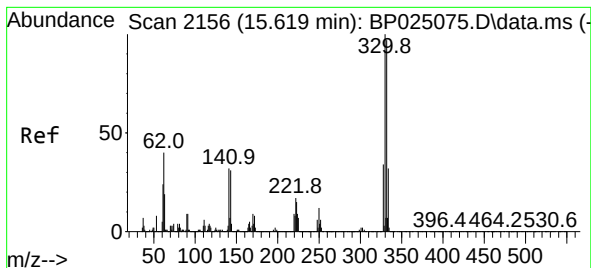
Tgt Ion:122 Resp: 12205
Ion Ratio Lower Upper
122 100
105 117.5 101.0 141.0
77 86.5 67.6 107.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.090 min Scan# 1896
Delta R.T. 0.001 min
Lab File: BP025123.D
Acq: 14 Jul 2025 17:04

Tgt Ion:164 Resp: 911530
Ion Ratio Lower Upper
164 100
162 100.1 80.3 120.5
160 45.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 167.362 ng

RT: 15.613 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025123.D

Acq: 14 Jul 2025 17:04

Instrument :

BNA_P

ClientSampleId :

TP-14

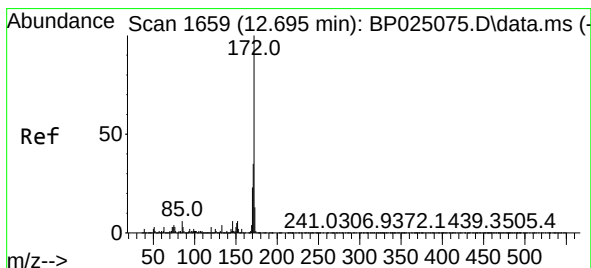
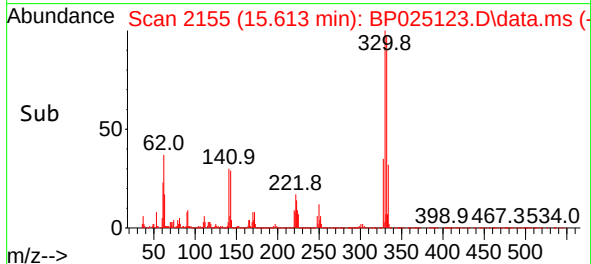
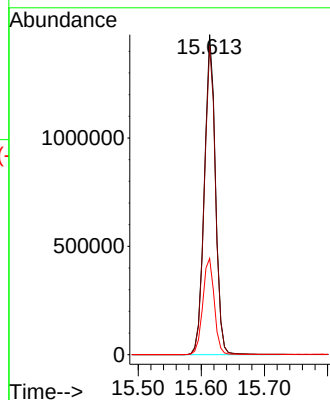
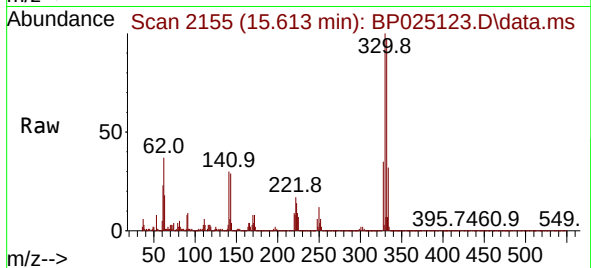
Tgt Ion:330 Resp: 1802189

Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

141 31.1 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 104.455 ng

RT: 12.696 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BP025123.D

Acq: 14 Jul 2025 17:04

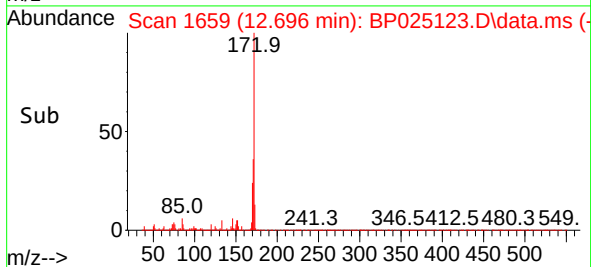
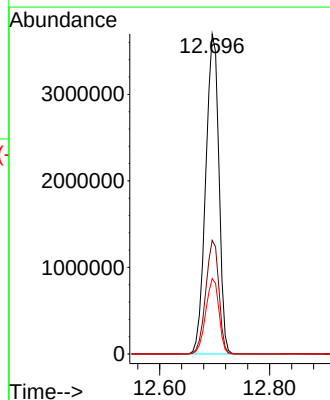
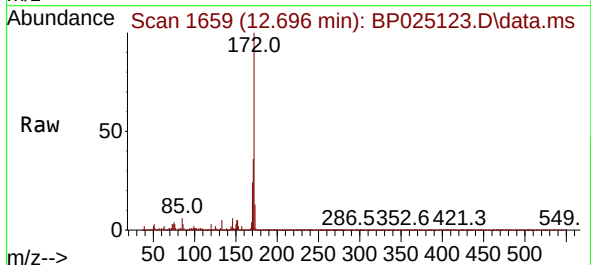
Tgt Ion:172 Resp: 6146132

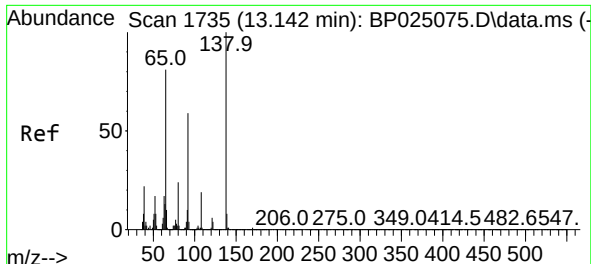
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.5 18.7 28.1

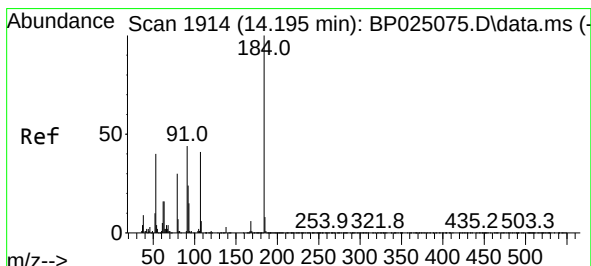
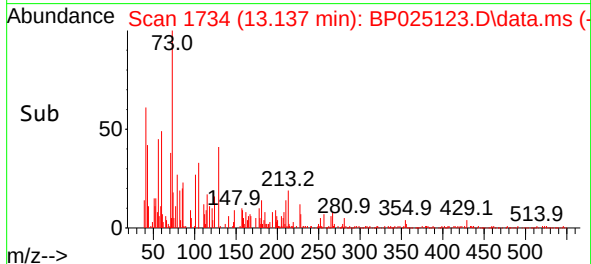
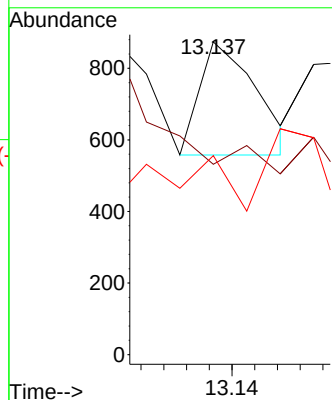
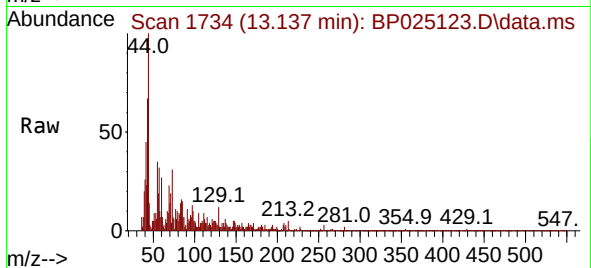




#48
2-Nitroaniline
Concen: 2.781 ng
RT: 13.137 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025123.D
Acq: 14 Jul 2025 17:04

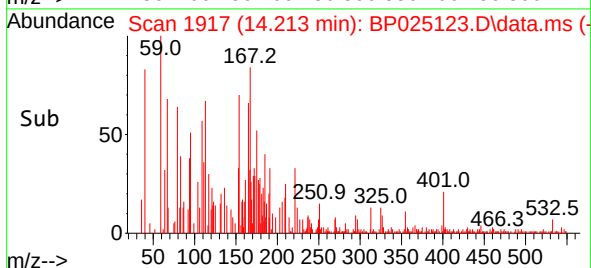
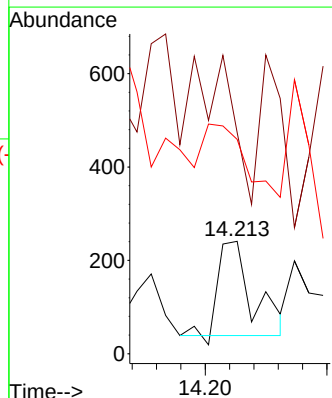
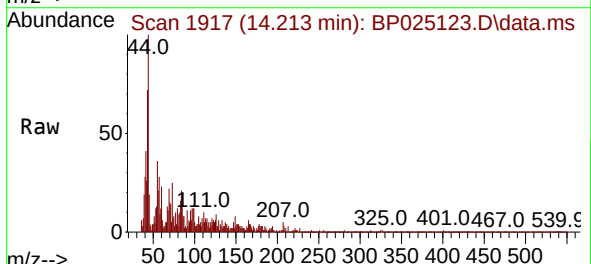
Instrument :
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TP-14

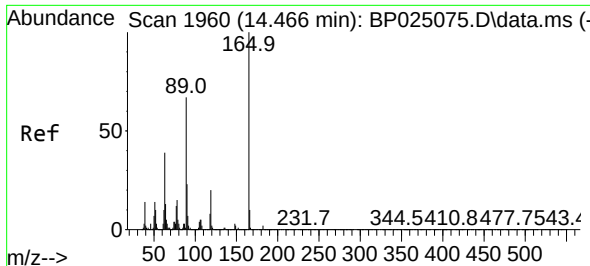
Tgt Ion: 65 Resp: 220
Ion Ratio Lower Upper
65 100
92 60.9 58.7 88.1
138 63.6 99.0 148.4#



#54
2,4-Dinitrophenol
Concen: 5.416 ng
RT: 14.213 min Scan# 1917
Delta R.T. 0.018 min
Lab File: BP025123.D
Acq: 14 Jul 2025 17:04

Tgt Ion:184 Resp: 200
Ion Ratio Lower Upper
184 100
63 196.7 47.4 71.0#
154 190.5 47.8 71.8#

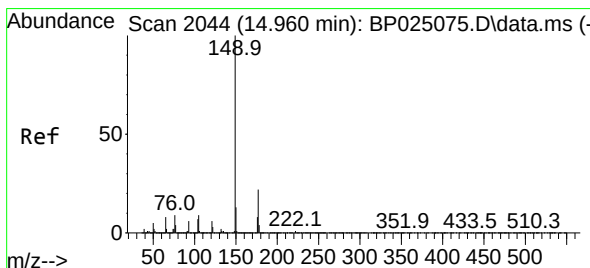
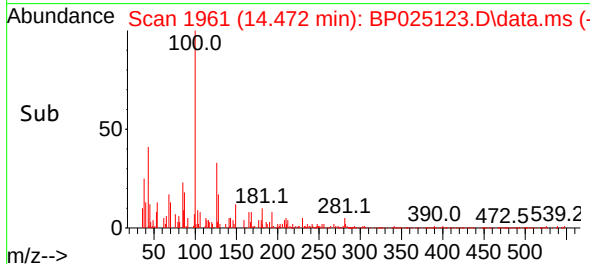
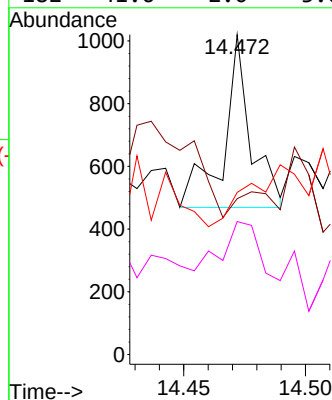
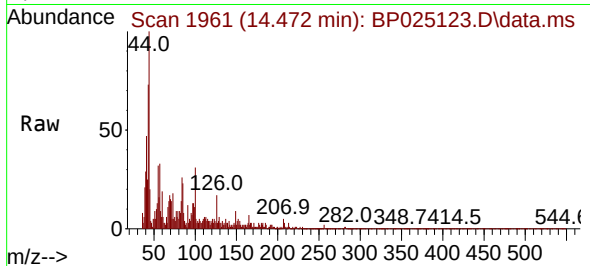




#57
2,4-Dinitrotoluene
Concen: 2.659 ng
RT: 14.472 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP025123.D
Acq: 14 Jul 2025 17:04

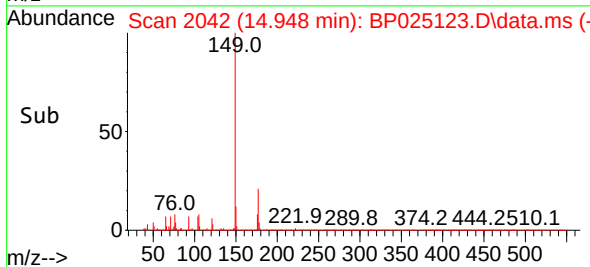
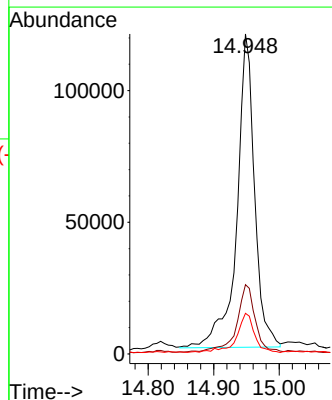
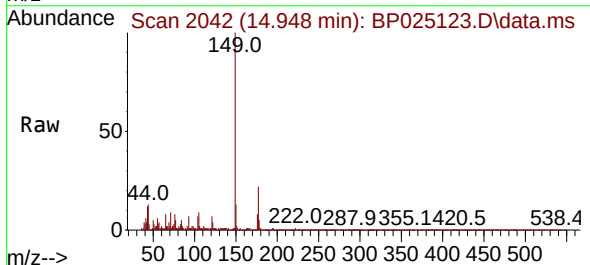
Instrument :
BNA_P
ClientSampleId :
TP-14

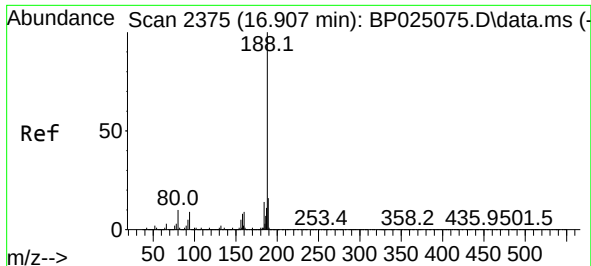
Tgt Ion:165 Resp: 430
Ion Ratio Lower Upper
165 100
63 48.7 31.0 46.4#
89 50.7 53.4 80.0#
182 41.6 2.0 3.0#



#60
Diethylphthalate
Concen: 3.499 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BP025123.D
Acq: 14 Jul 2025 17:04

Tgt Ion:149 Resp: 224221
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.8
150 12.7 10.2 15.2

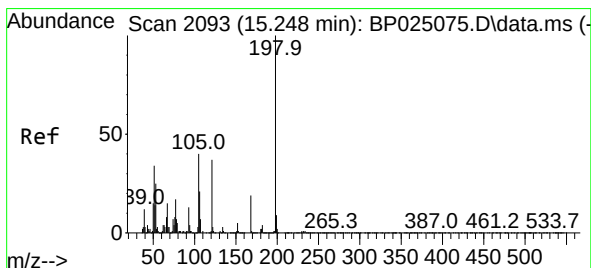
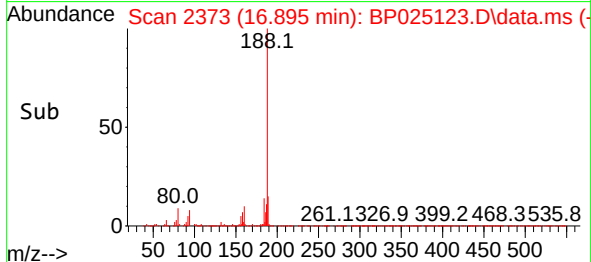
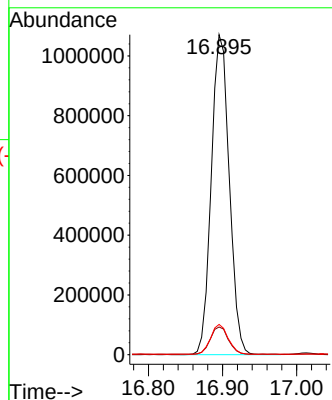
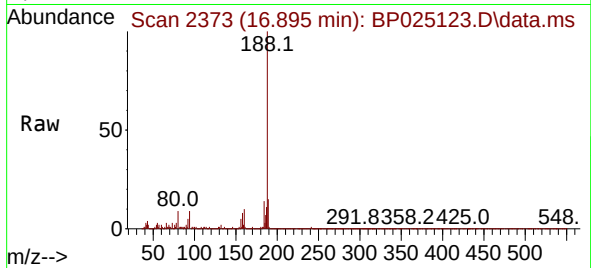




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025123.D
Acq: 14 Jul 2025 17:04

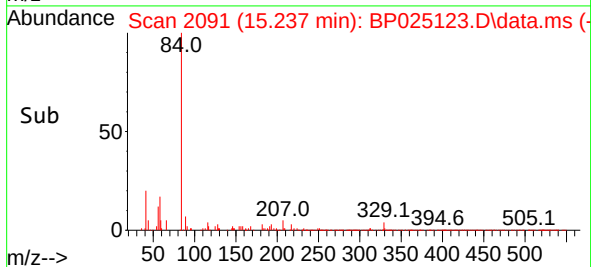
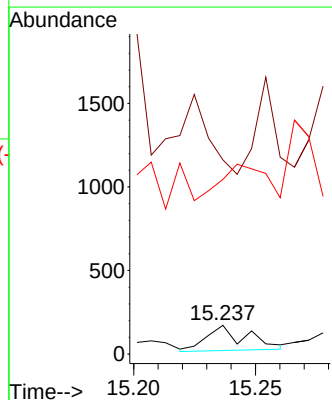
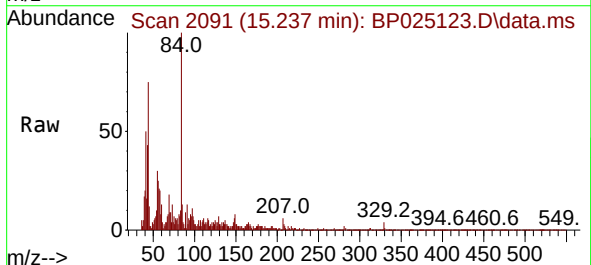
Instrument :
BNA_P
ClientSampleId :
TP-14

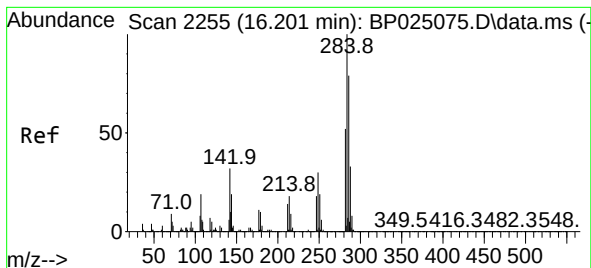
Tgt Ion:188 Resp: 1802637
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 9.4 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 5.597 ng
RT: 15.237 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BP025123.D
Acq: 14 Jul 2025 17:04

Tgt Ion:198 Resp: 173
Ion Ratio Lower Upper
198 100
51 675.6 16.8 56.8#
105 607.6 20.8 60.8#





#68

Hexachlorobenzene

Concen: 59.292 ng

RT: 16.184 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025123.D

Acq: 14 Jul 2025 17:04

Instrument :

BNA_P

ClientSampleId :

TP-14

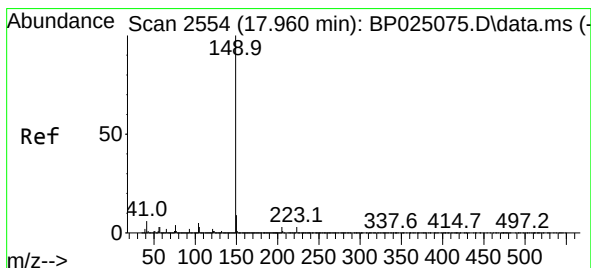
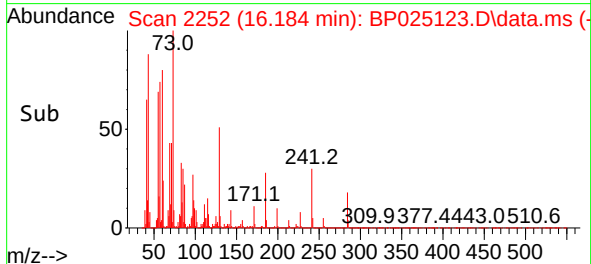
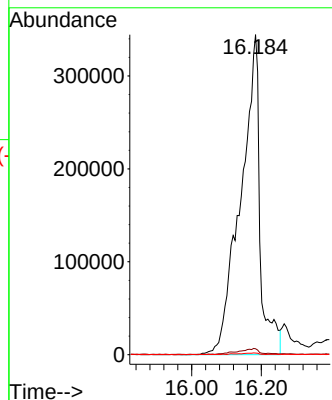
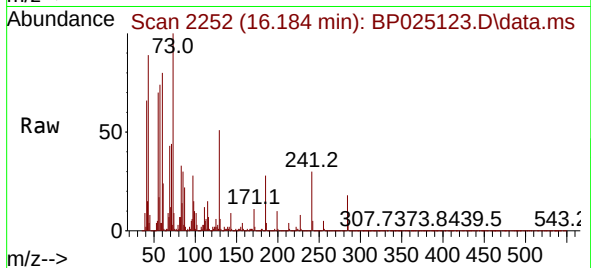
Tgt Ion:284 Resp: 1337607

Ion Ratio Lower Upper

284 100

142 1.8 25.9 38.9#

249 0.5 23.8 35.8#



#74

Di-n-butylphthalate

Concen: 2.242 ng

RT: 17.954 min Scan# 2553

Delta R.T. -0.006 min

Lab File: BP025123.D

Acq: 14 Jul 2025 17:04

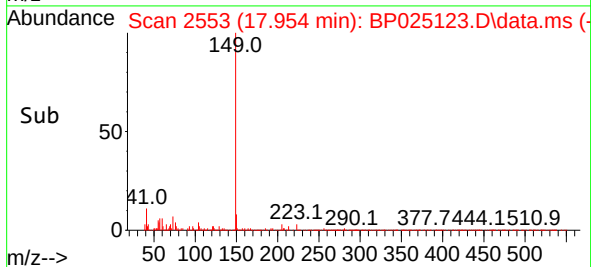
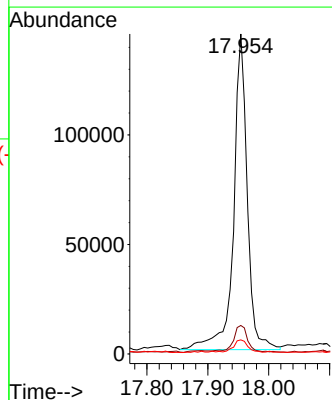
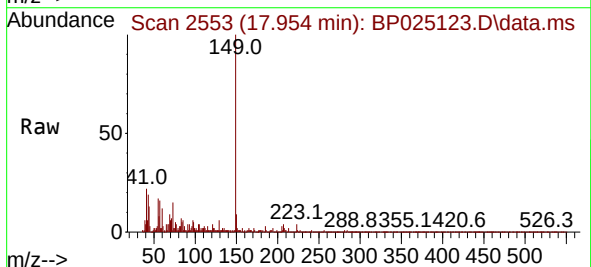
Tgt Ion:149 Resp: 225583

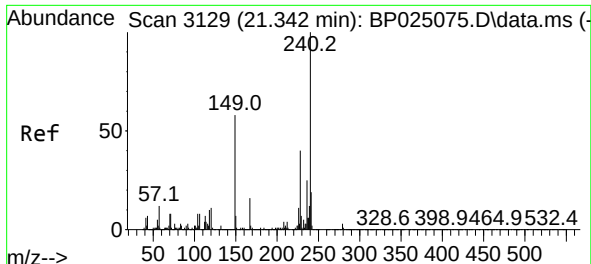
Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

104 4.4 3.8 5.6

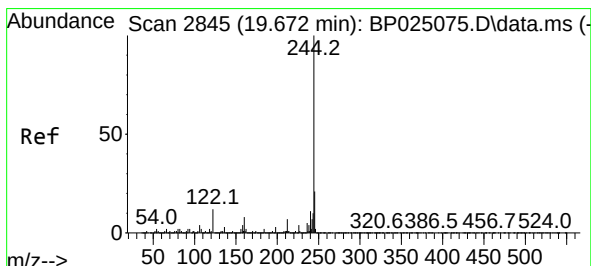
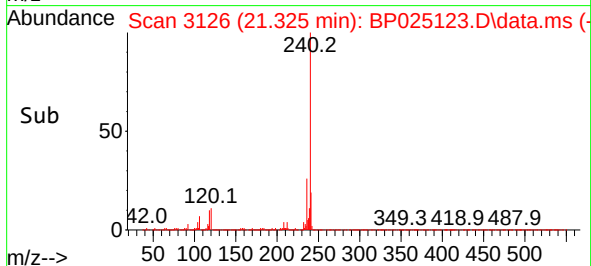
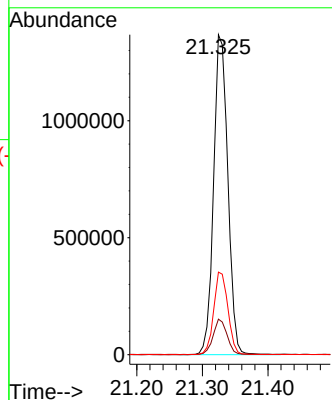
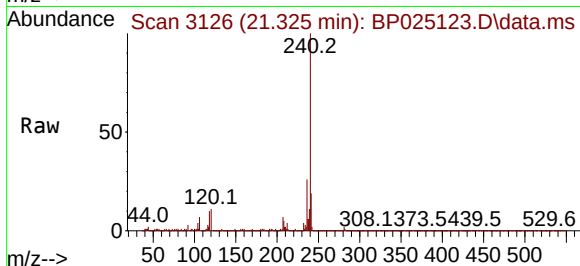




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.325 min Scan# 3129
Delta R.T. -0.017 min
Lab File: BP025123.D
Acq: 14 Jul 2025 17:04

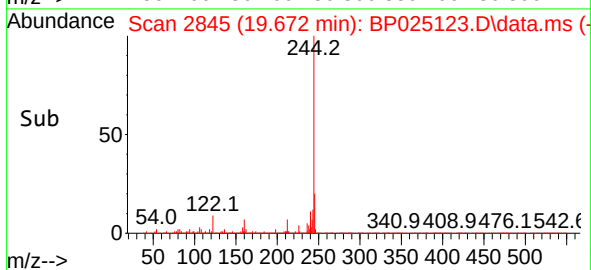
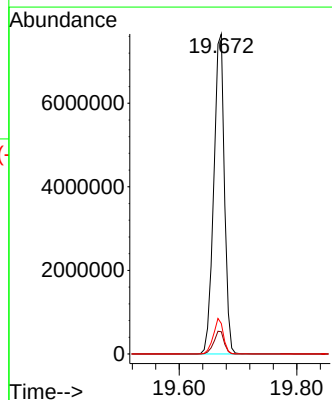
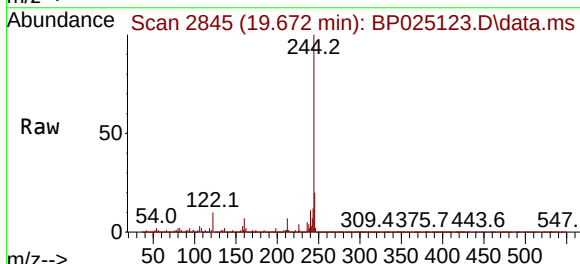
Instrument :
BNA_P
ClientSampleId :
TP-14

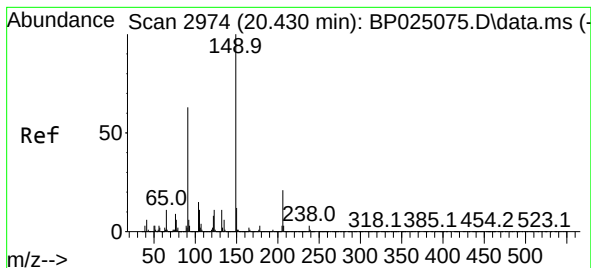
Tgt Ion:240 Resp: 2057817
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 102.752 ng
RT: 19.672 min Scan# 2845
Delta R.T. 0.000 min
Lab File: BP025123.D
Acq: 14 Jul 2025 17:04

Tgt Ion:244 Resp: 9620834
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.5 9.4 14.2





#80

Butylbenzylphthalate

Concen: 3.749 ng

RT: 20.419 min Scan# 2972

Delta R.T. -0.011 min

Lab File: BP025123.D

Acq: 14 Jul 2025 17:04

Instrument :

BNA_P

ClientSampleId :

TP-14

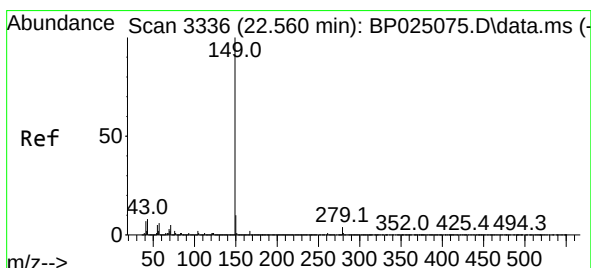
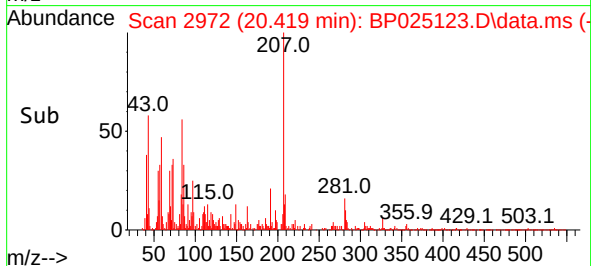
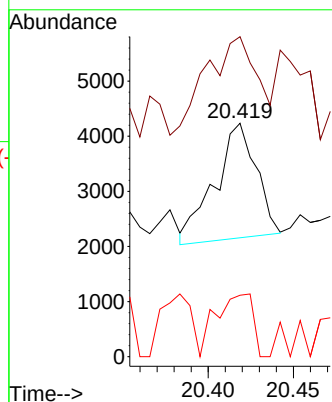
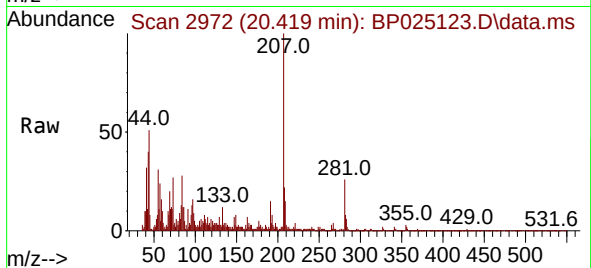
Tgt Ion:149 Resp: 3551

Ion Ratio Lower Upper

149 100

91 137.1 50.6 76.0#

206 26.3 17.2 25.8#



#85

Di-n-octyl phthalate

Concen: 6.130 ng

RT: 22.507 min Scan# 3327

Delta R.T. -0.053 min

Lab File: BP025123.D

Acq: 14 Jul 2025 17:04

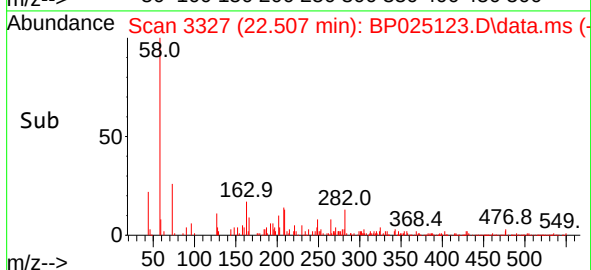
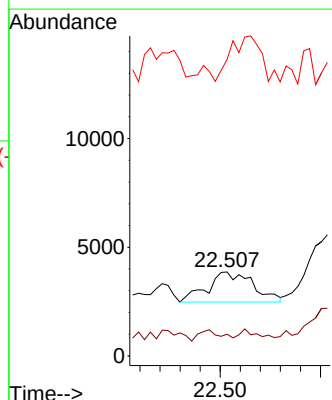
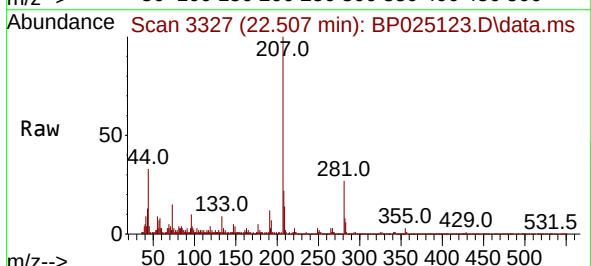
Tgt Ion:149 Resp: 4376

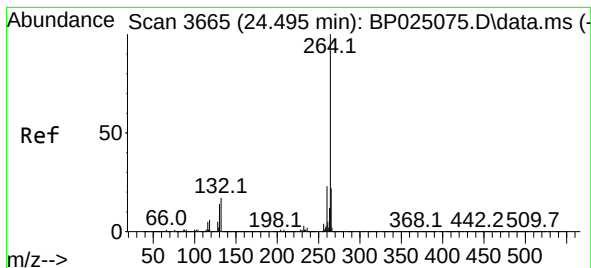
Ion Ratio Lower Upper

149 100

167 18.1 1.3 1.9#

43 0.0 6.9 10.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.442 min Scan# 30

Delta R.T. -0.053 min

Lab File: BP025123.D

Acq: 14 Jul 2025 17:04

Instrument :

BNA_P

ClientSampleId :

TP-14

Tgt Ion:264 Resp: 2320827

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.1 17.7 26.5

