

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
 Data File : BP025241.D
 Acq On : 24 Jul 2025 14:05
 Operator : CG/JU
 Sample : Q2481-14 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC0625-OXBL

Quant Time: Jul 24 14:56:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 22 02:55:21 2025
 Response via : Initial Calibration

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

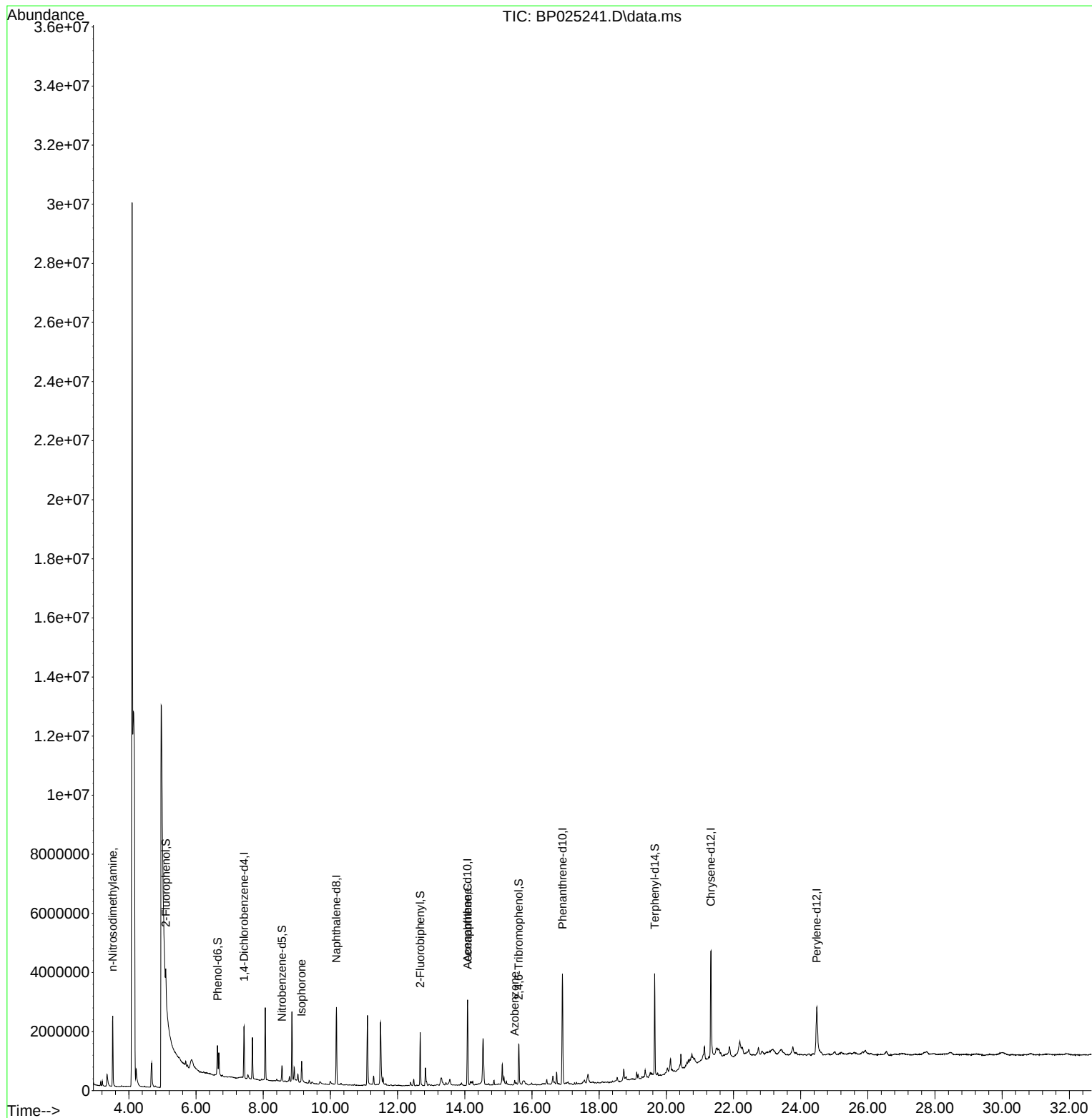
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	487721	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2049487	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	202910	20.000	ng	# 0.00
64) Phenanthrene-d10	16.907	188	2655105	20.000	ng	0.01
76) Chrysene-d12	21.324	240	2515211	20.000	ng	0.00
86) Perylene-d12	24.477	264	759744	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	338606	11.731	ng	0.00
7) Phenol-d6	6.637	99	243063	6.799	ng	0.00
23) Nitrobenzene-d5	8.554	82	318067	8.625	ng	-0.01
42) 2,4,6-Tribromophenol	15.607	330	209664	70.090	ng	0.00
45) 2-Fluorobiphenyl	12.672	172	866585	60.210	ng	-0.01
79) Terphenyl-d14	19.654	244	1432078	11.239	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.519	42	50539	4.401	ng	# 1
25) Isophorone	9.143	82	624351	9.627	ng	98
52) Acenaphthene	14.089	154	24536	2.284	ng	# 28
63) Azobenzene	15.484	77	41218	3.536	ng	# 1

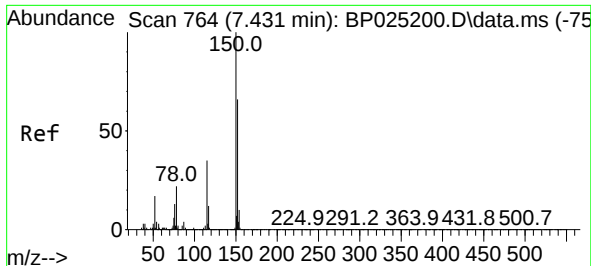
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 22 02:55:21 2025
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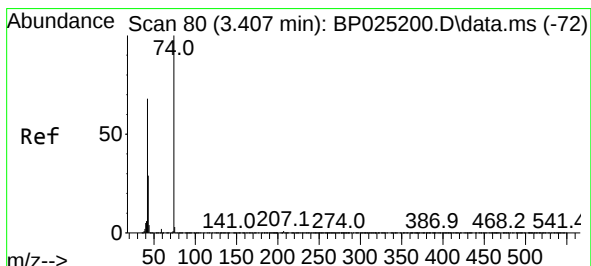
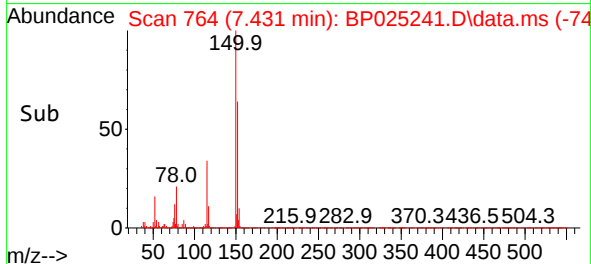
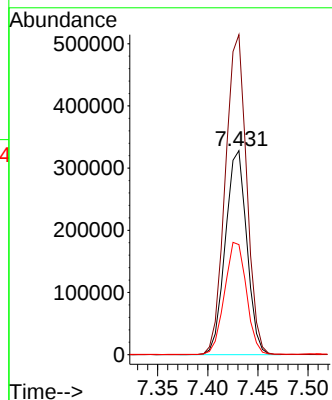
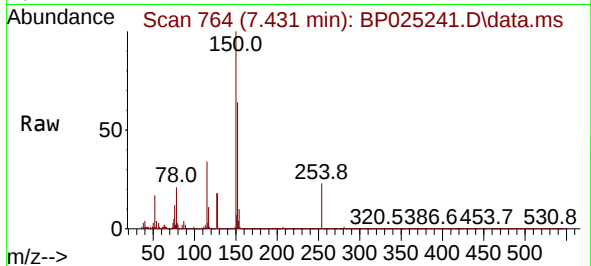




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

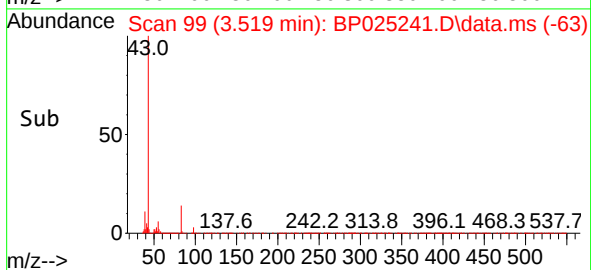
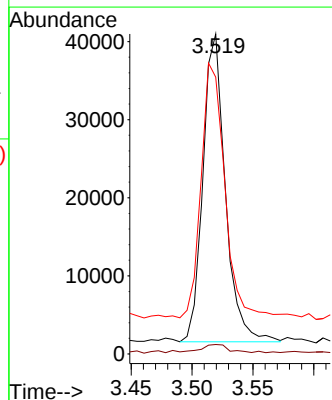
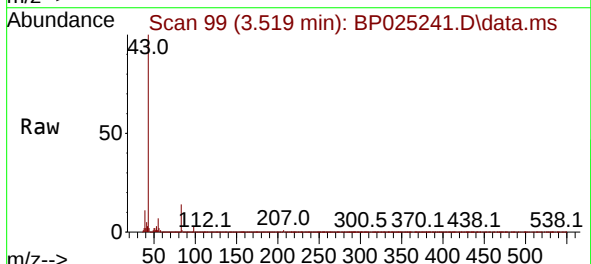
Instrument :
BNA_P
ClientSampleId :
CC0625-OXBL

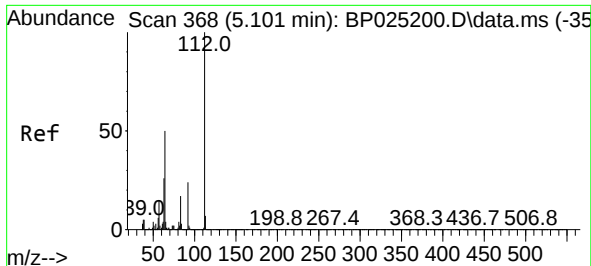
Tgt Ion:152 Resp: 487721
Ion Ratio Lower Upper
152 100
150 156.9 121.9 182.9
115 54.0 43.0 64.6



#4
n-Nitrosodimethylamine
Concen: 4.401 ng
RT: 3.519 min Scan# 99
Delta R.T. 0.112 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Tgt Ion: 42 Resp: 50539
Ion Ratio Lower Upper
42 100
74 3.0 118.0 177.0#
44 86.5 5.5 8.3#

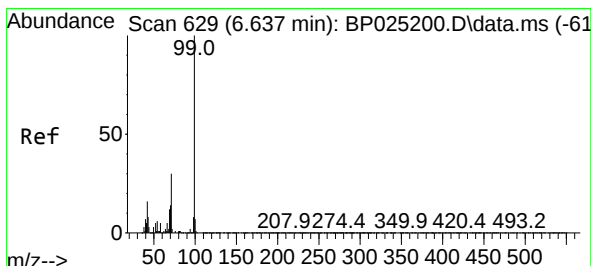
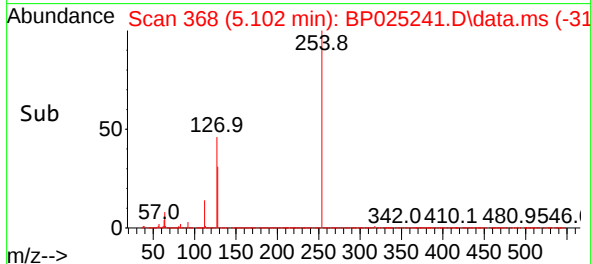
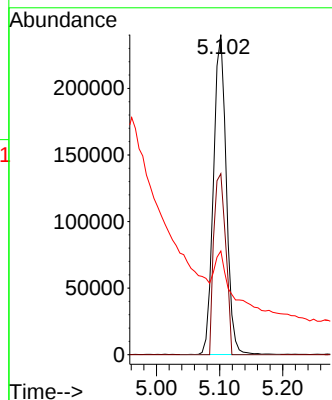
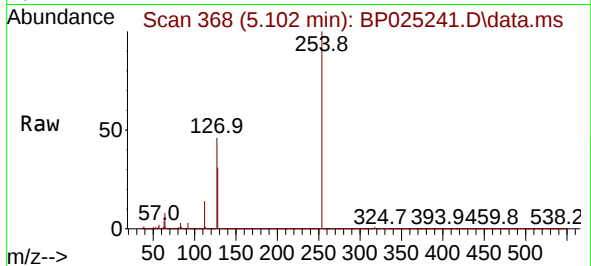




#5
2-Fluorophenol
Concen: 11.731 ng
RT: 5.102 min Scan# 30
Delta R.T. 0.000 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

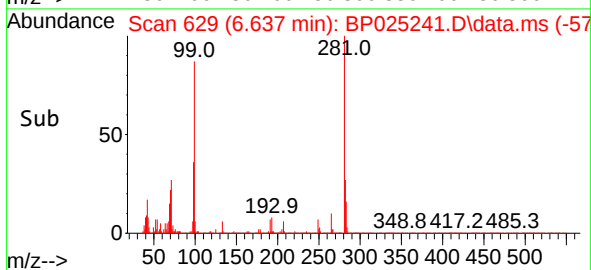
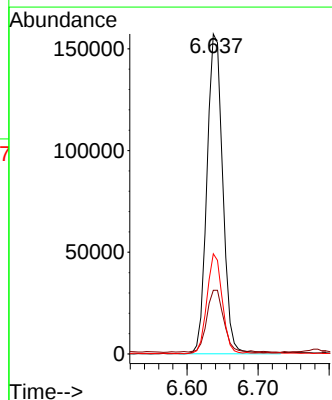
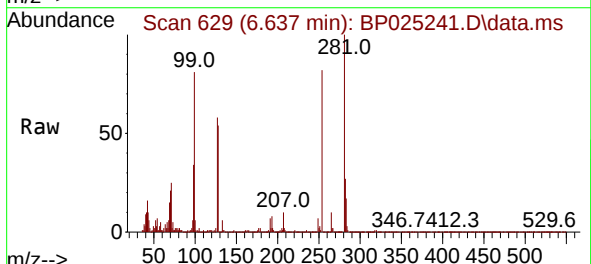
Instrument :
BNA_P
ClientSampleId :
CC0625-OXBL

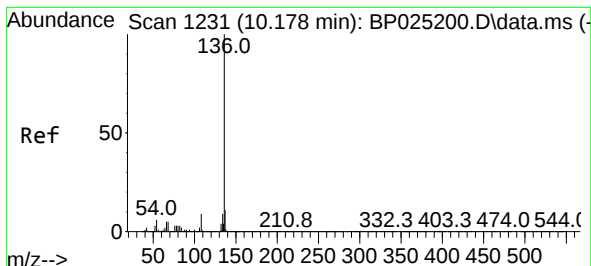
Tgt Ion:112 Resp: 338606
Ion Ratio Lower Upper
112 100
64 56.5 39.8 59.6
63 32.4 20.5 30.7#



#7
Phenol-d6
Concen: 6.799 ng
RT: 6.637 min Scan# 629
Delta R.T. 0.000 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Tgt Ion: 99 Resp: 243063
Ion Ratio Lower Upper
99 100
42 19.9 12.5 18.7#
71 31.3 24.2 36.2



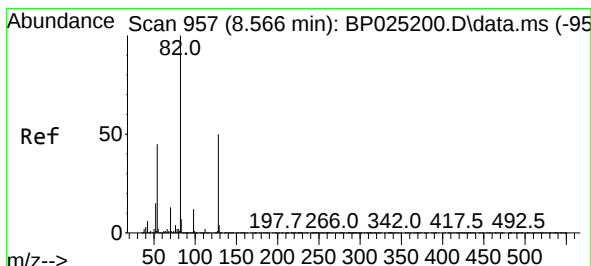
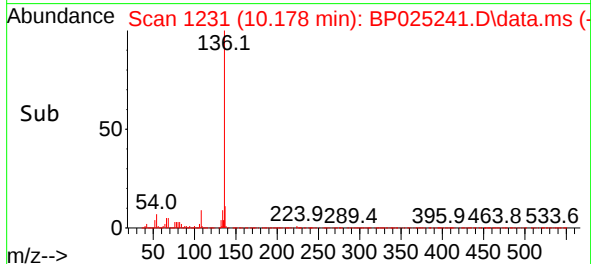
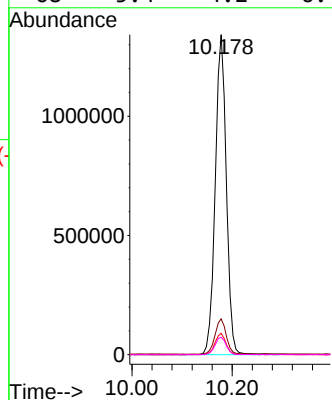
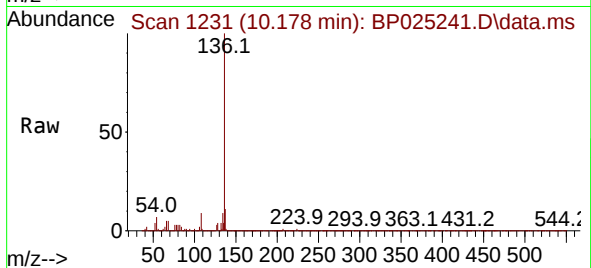


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Instrument :
BNA_P
ClientSampleId :
CC0625-OXBL

Tgt Ion:136 Resp: 2049487

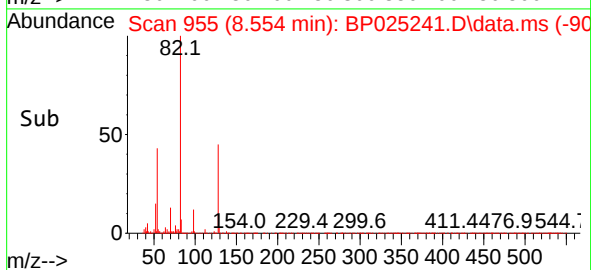
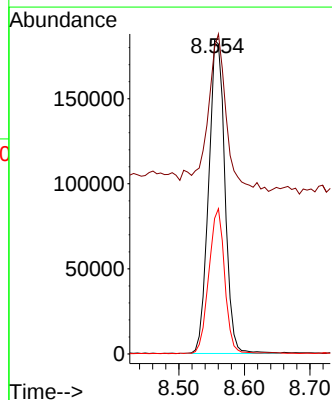
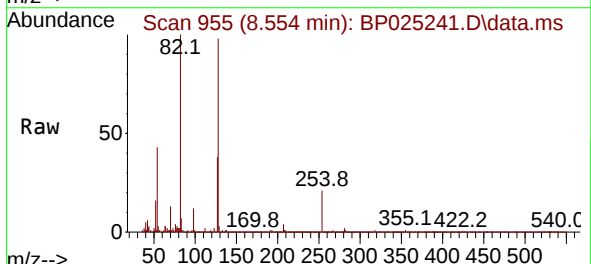
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.7	5.1	7.7
68	5.4	4.2	6.4

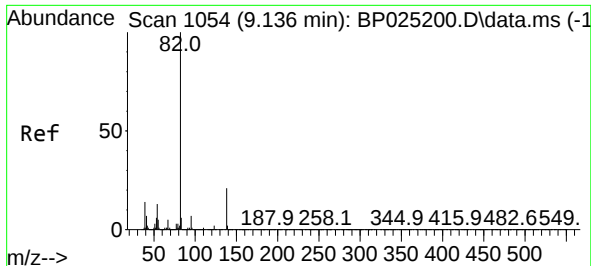


#23
Nitrobenzene-d5
Concen: 8.625 ng
RT: 8.554 min Scan# 955
Delta R.T. -0.011 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Tgt Ion: 82 Resp: 318067

Ion	Ratio	Lower	Upper
82	100		
128	97.7	40.2	60.4
54	43.2	36.3	54.5

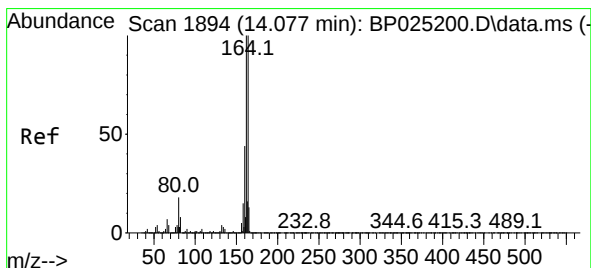
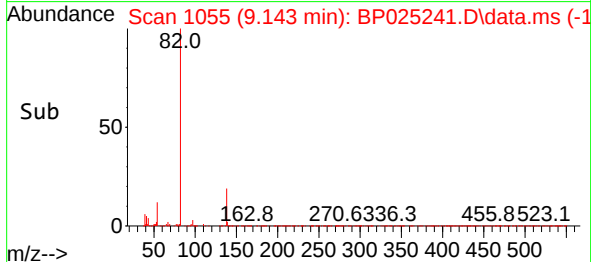
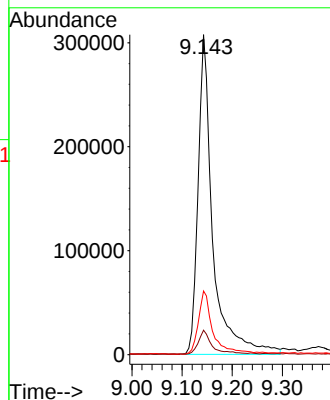
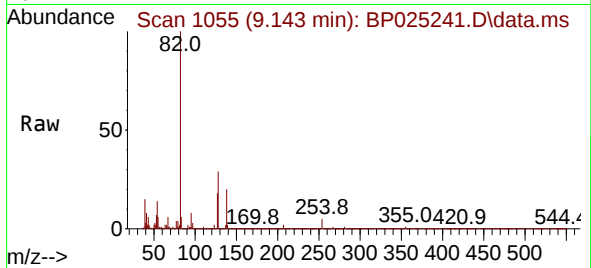




#25
Isophorone
Concen: 9.627 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.006 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

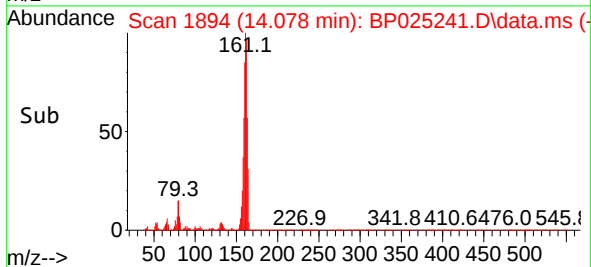
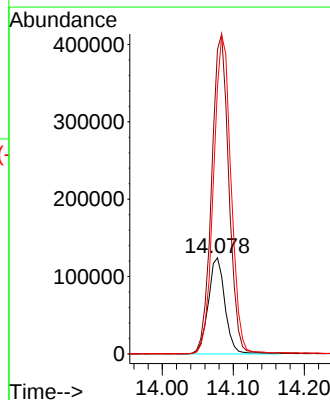
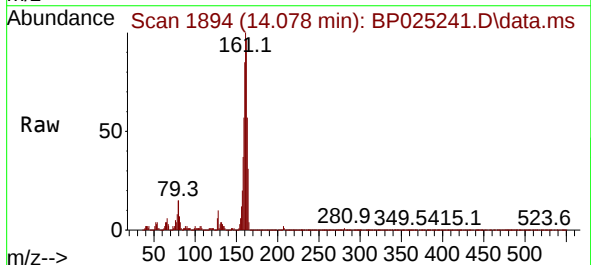
Instrument :
BNA_P
ClientSampleId :
CC0625-OXBL

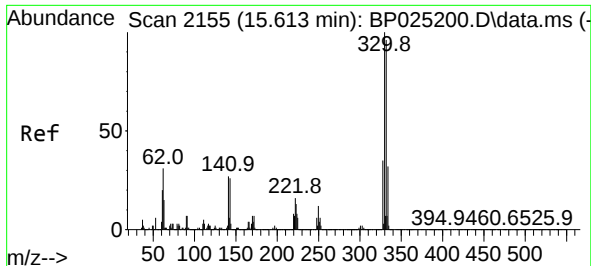
Tgt Ion: 82 Resp: 624351
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 19.9 16.6 25.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Tgt Ion: 164 Resp: 202910
Ion Ratio Lower Upper
164 100
162 316.6 80.3 120.5#
160 277.8 35.7 53.5#

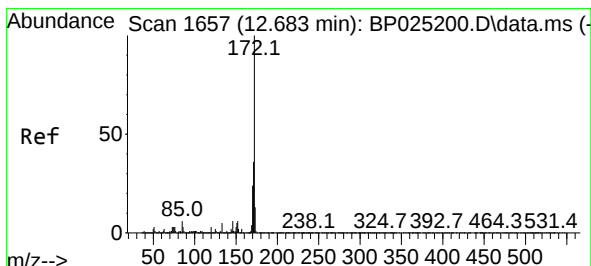
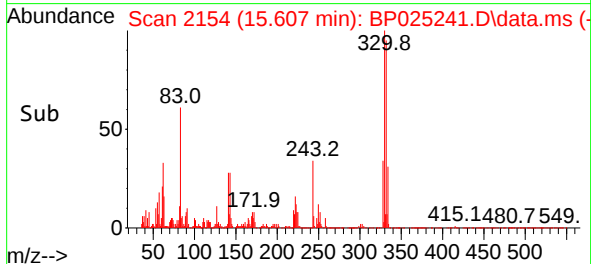
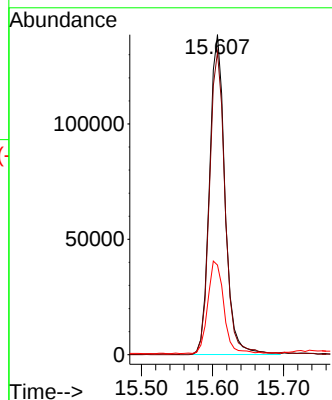
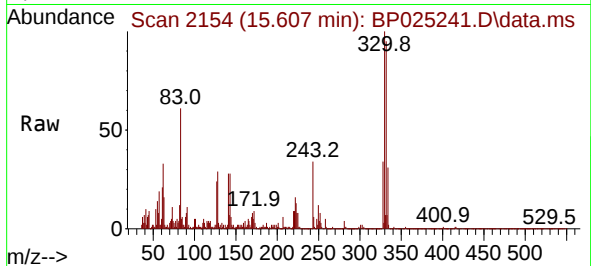




#42
2,4,6-Tribromophenol
Concen: 70.090 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

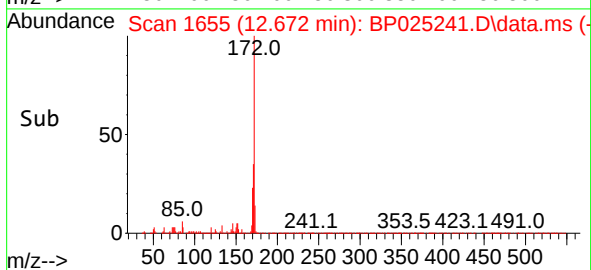
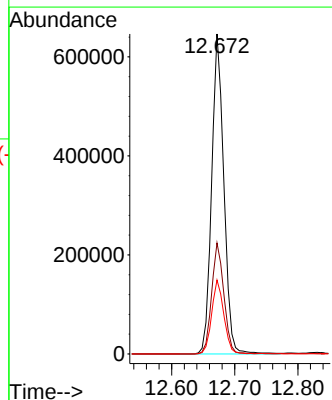
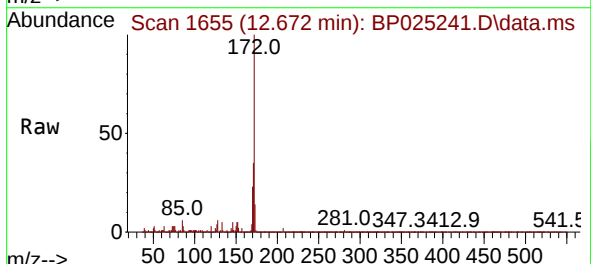
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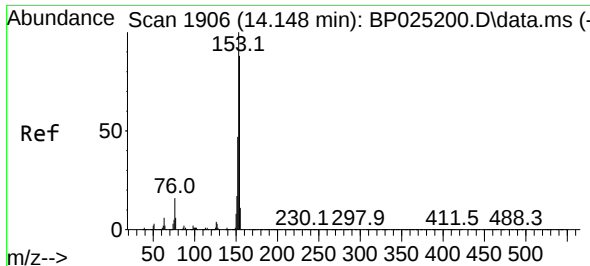
Tgt Ion:330 Resp: 209664
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 29.8 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 60.210 ng
RT: 12.672 min Scan# 1655
Delta R.T. -0.011 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Tgt Ion:172 Resp: 866585
Ion Ratio Lower Upper
172 100
171 34.7 28.8 43.2
170 23.1 19.2 28.8

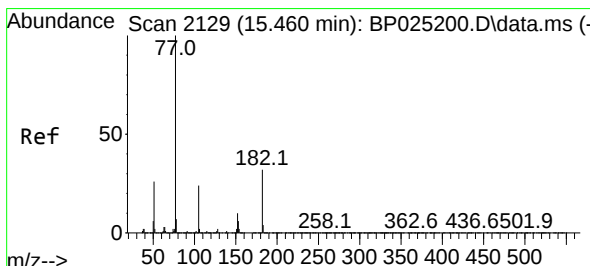
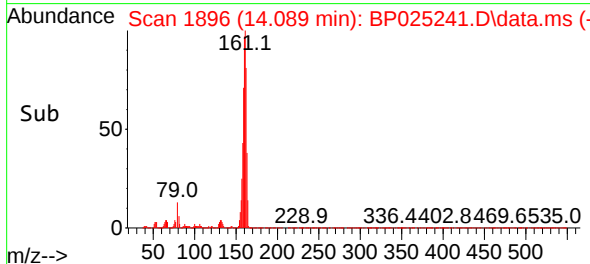
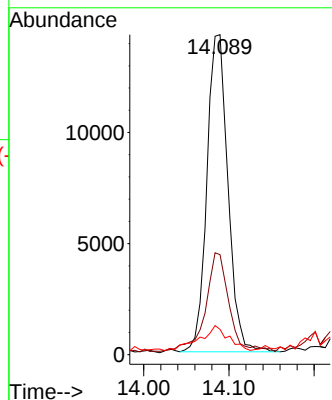
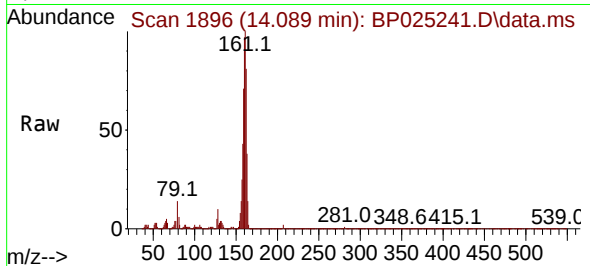




#52
Acenaphthene
Concen: 2.284 ng
RT: 14.089 min Scan# 11
Delta R.T. -0.059 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

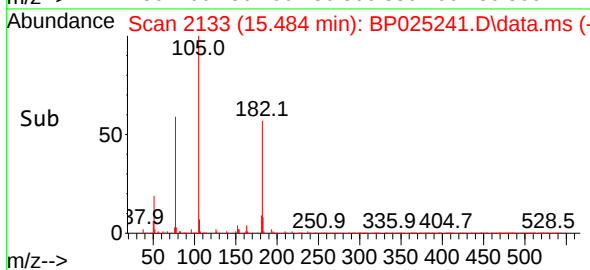
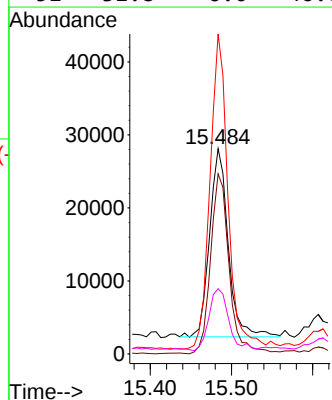
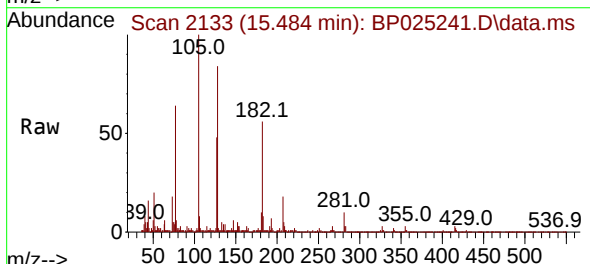
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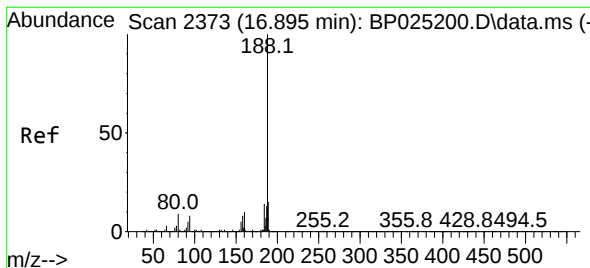
Tgt Ion:154 Resp: 24536
Ion Ratio Lower Upper
154 100
153 31.2 90.7 136.1#
152 7.9 42.9 64.3#



#63
Azobenzene
Concen: 3.536 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.024 min
Lab File: BP025241.D
Acq: 24 Jul 2025 14:05

Tgt Ion: 77 Resp: 41218
Ion Ratio Lower Upper
77 100
182 87.7 12.0 52.0#
105 155.9 3.6 43.6#
51 31.8 6.0 46.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.907 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025241.D

Acq: 24 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

CC0625-OXBL

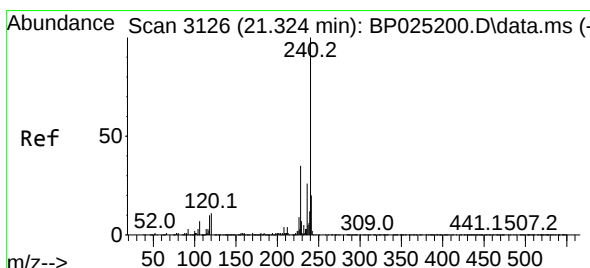
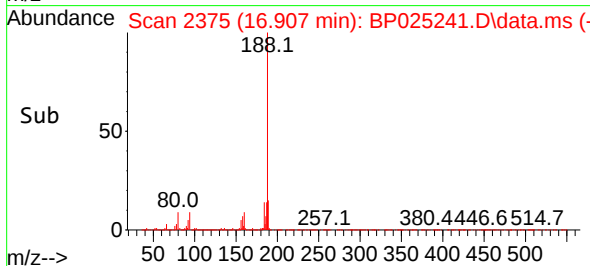
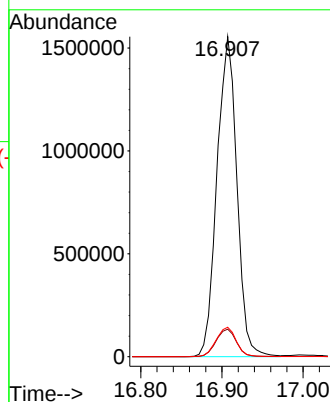
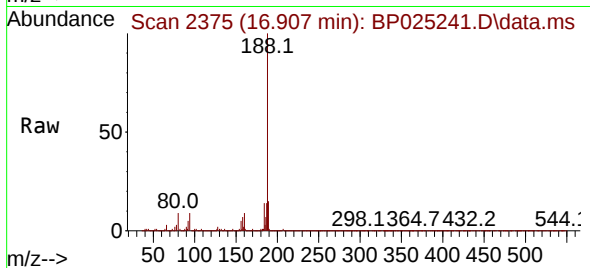
Tgt Ion:188 Resp: 2655105

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 9.2 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.324 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BP025241.D

Acq: 24 Jul 2025 14:05

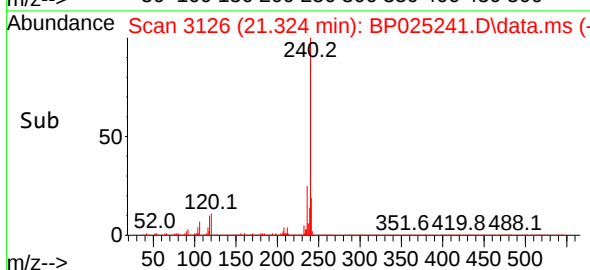
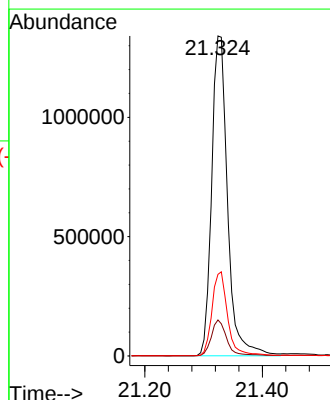
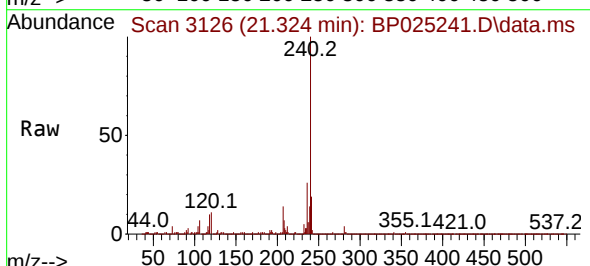
Tgt Ion:240 Resp: 2515211

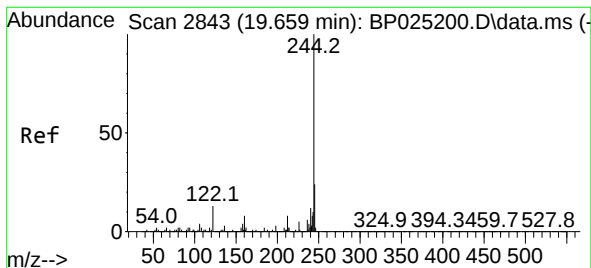
Ion Ratio Lower Upper

240 100

120 11.2 8.8 13.2

236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 11.239 ng

RT: 19.654 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP025241.D

Acq: 24 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

CC0625-OXBL

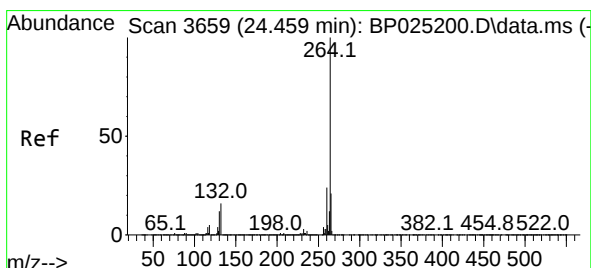
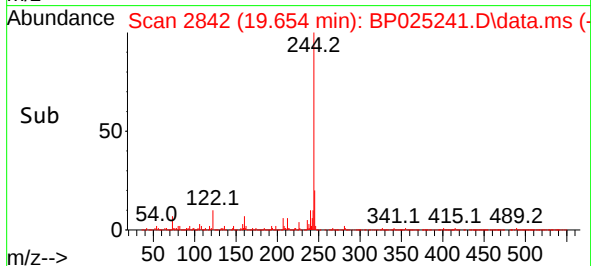
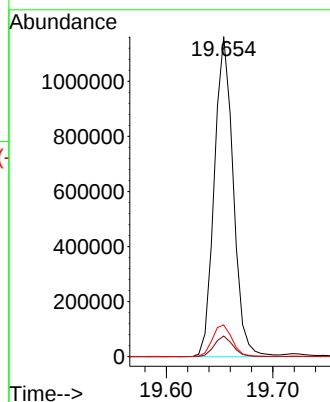
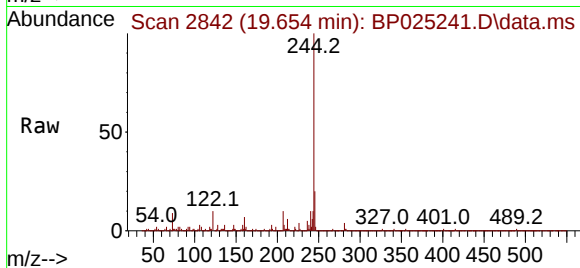
Tgt Ion:244 Resp: 1432078

Ion Ratio Lower Upper

244 100

212 6.5 6.6 9.8#

122 9.9 10.3 15.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.477 min Scan# 3662

Delta R.T. 0.018 min

Lab File: BP025241.D

Acq: 24 Jul 2025 14:05

Tgt Ion:264 Resp: 759744

Ion Ratio Lower Upper

264 100

260 43.4 19.0 28.6#

265 22.5 17.5 26.3

