

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
 Data File : BP025246.D
 Acq On : 24 Jul 2025 17:31
 Operator : CG/JU
 Sample : Q2481-18 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC0627-OXL

Quant Time: Jul 24 17:56:44 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)

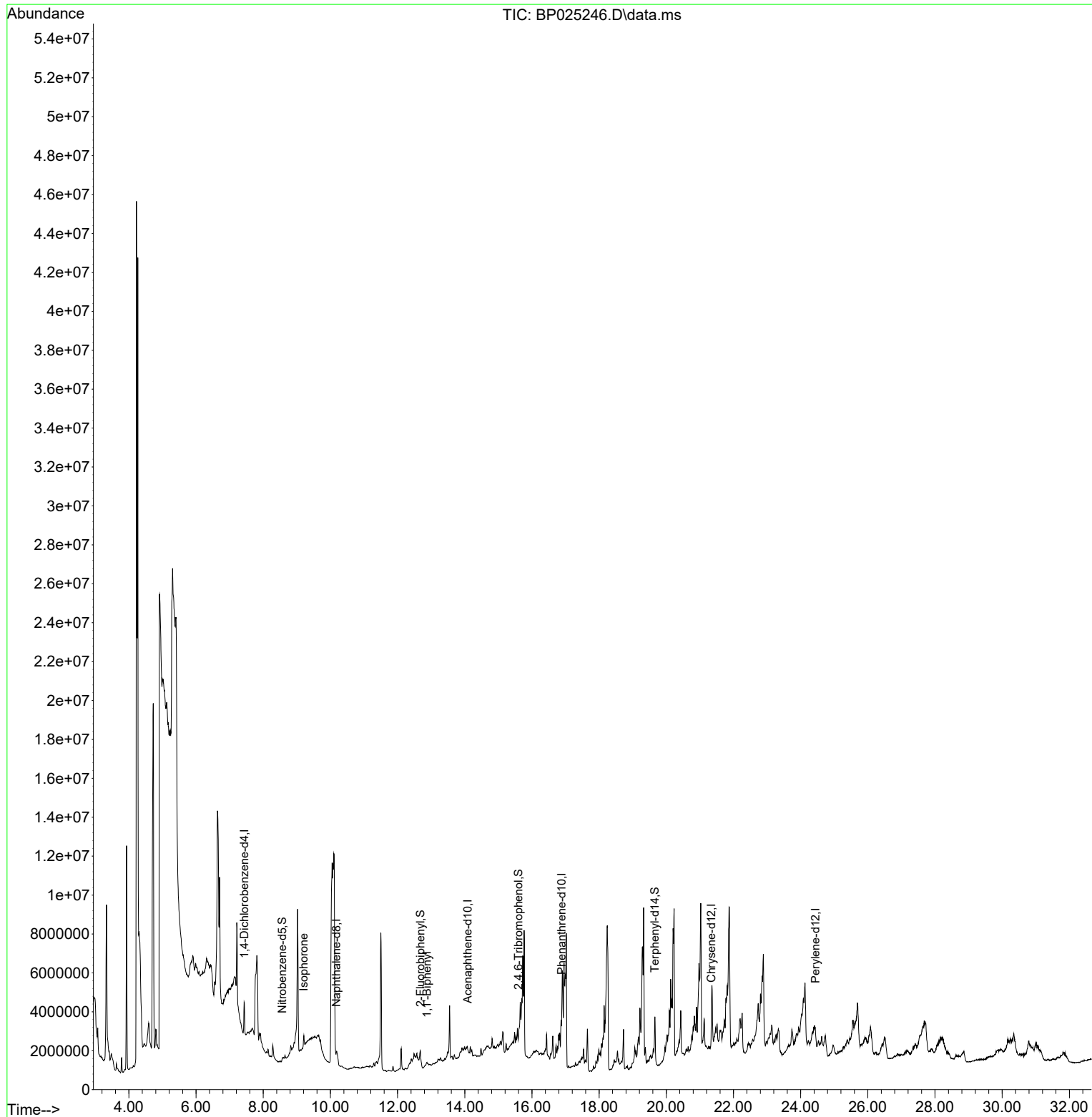
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	491208	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	179141	20.000	ng	# 0.00
39) Acenaphthene-d10	14.084	164	511	20.000	ng	# 0.00
64) Phenanthrene-d10	16.884	188	64549	20.000	ng	#-0.01
76) Chrysene-d12	21.336	240	56173	20.000	ng	# 0.01
86) Perylene-d12	24.436	264	1449	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	205	0.007	ng	0.00
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	8.566	82	78756	24.432	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	45810	6081.026	ng	-0.01
45) 2-Fluorobiphenyl	12.678	172	181846	5017.008	ng	0.00
79) Terphenyl-d14	19.660	244	59101	20.769	ng	0.00
Target Compounds						
25) Isophorone	9.208	82	437849	77.240	ng	99
46) 1,1'-Biphenyl	12.872	154	100187	2704.577	ng	98

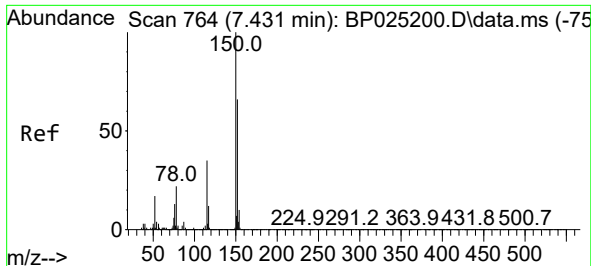
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

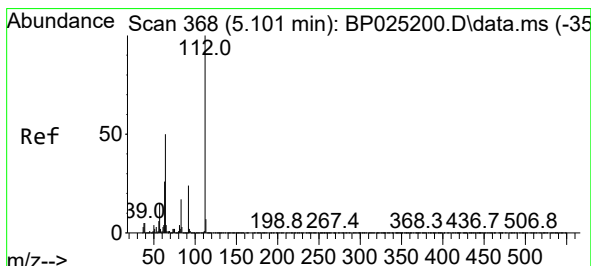
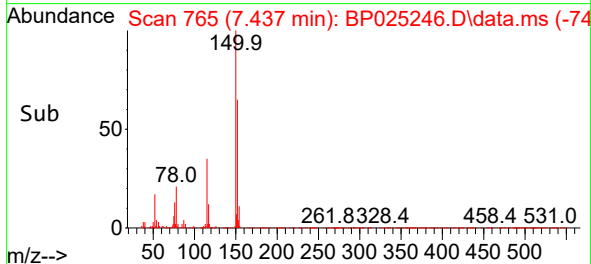
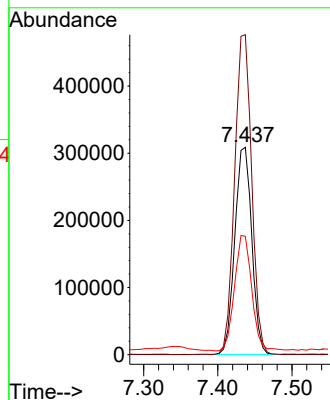
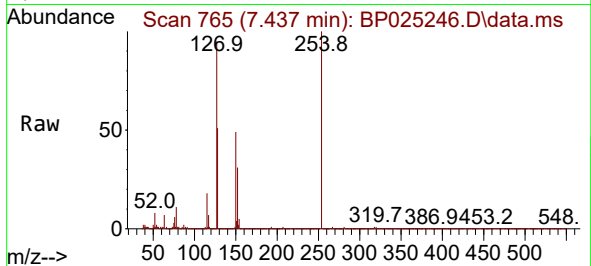




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. 0.006 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

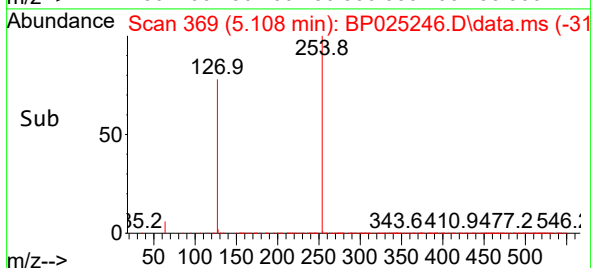
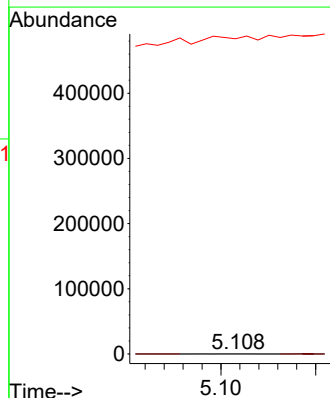
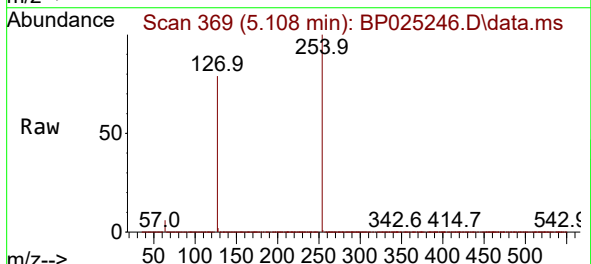
Instrument :
BNA_P
ClientSampleId :
CC0627-OXL

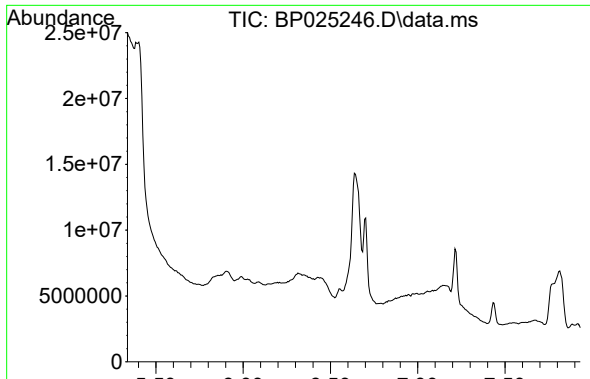
Tgt Ion:152 Resp: 491208
Ion Ratio Lower Upper
152 100
150 154.3 121.9 182.9
115 57.1 43.0 64.6



#5
2-Fluorophenol
Concen: 0.007 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Tgt Ion:112 Resp: 205
Ion Ratio Lower Upper
112 100
64 0.0 39.8 59.6#
63 241760.0 20.5 30.7#



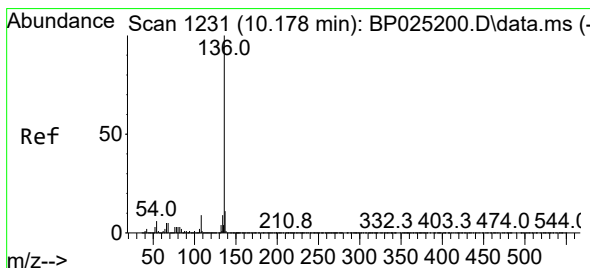
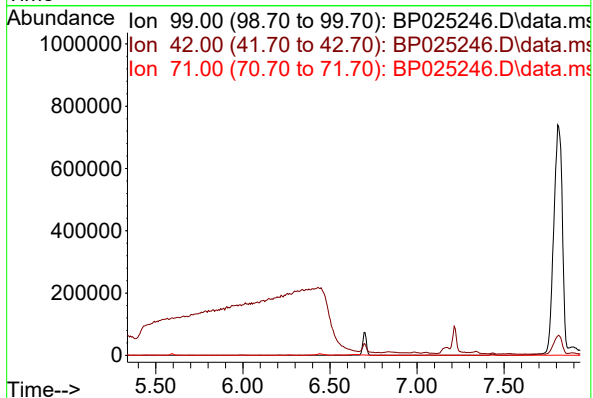


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.64 min
 Lab File: BP025246.D
 Acq: 24 Jul 2025 17:31

Instrument :
 BNA_P
 ClientSampleId :
 CC0627-OXL

Tgt Ion: 99

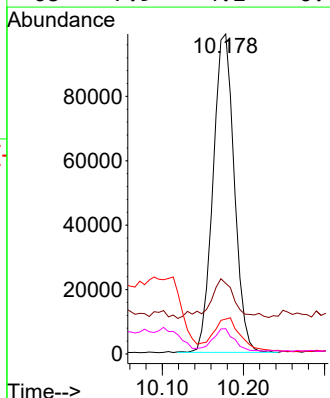
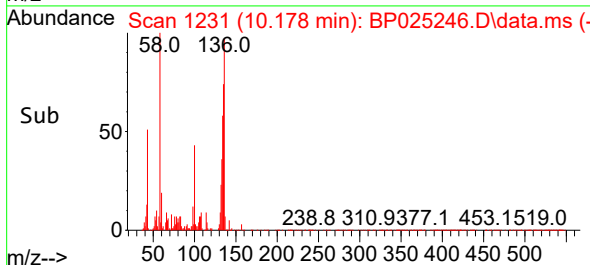
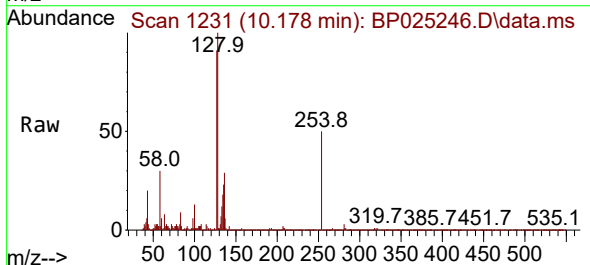
Sig	Exp Ratio
99	100
42	15.6
71	30.2

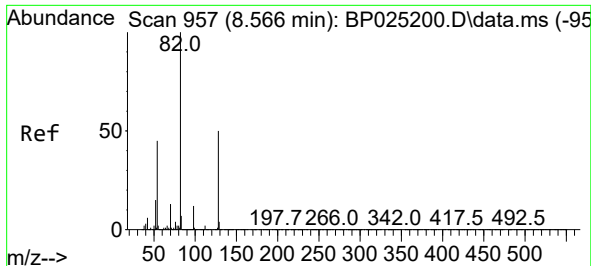


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.178 min Scan# 1231
 Delta R.T. 0.000 min
 Lab File: BP025246.D
 Acq: 24 Jul 2025 17:31

Tgt Ion: 136 Resp: 179141

Ion	Ratio	Lower	Upper
136	100		
137	22.1	8.8	13.2#
54	10.9	5.1	7.7#
68	7.9	4.2	6.4#

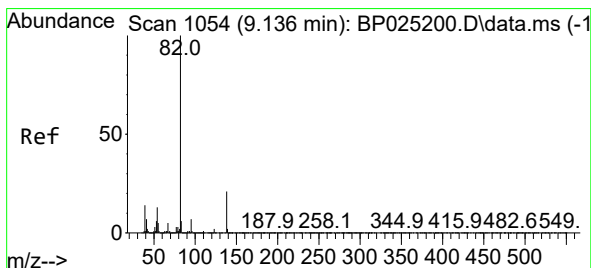
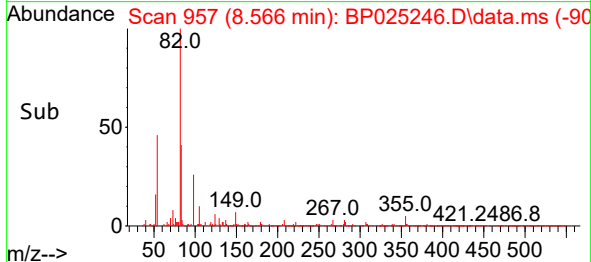
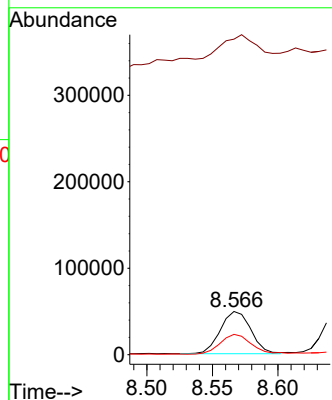
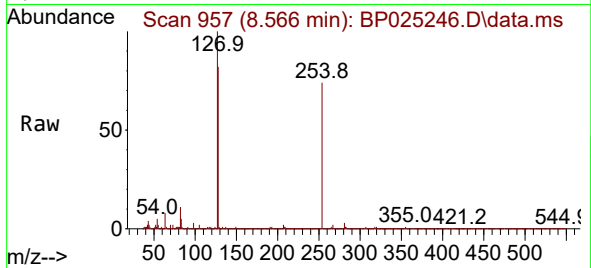




#23
Nitrobenzene-d5
Concen: 24.432 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

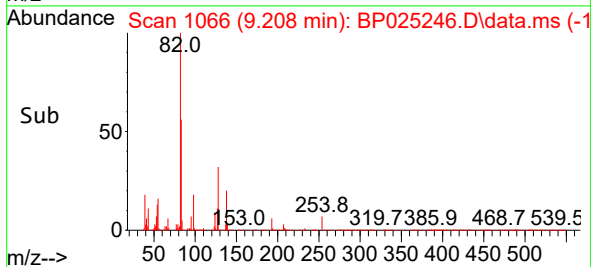
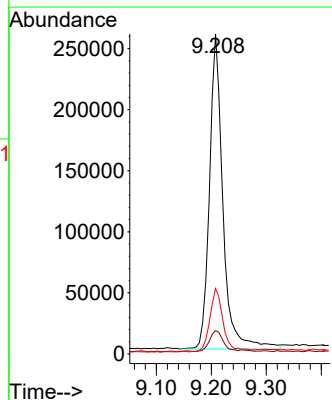
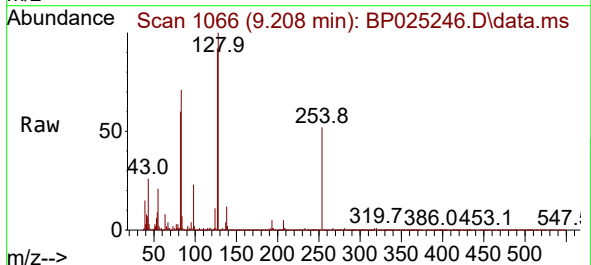
Instrument :
BNA_P
ClientSampleId :
CC0627-OXL

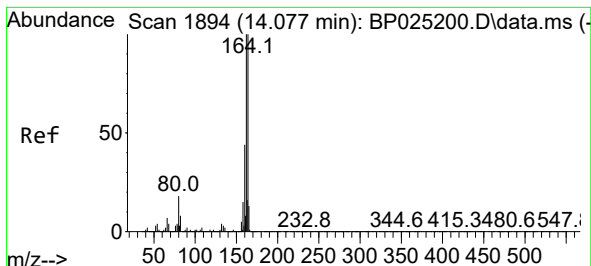
Tgt Ion: 82 Resp: 78756
Ion Ratio Lower Upper
82 100
128 729.5 40.2 60.4#
54 47.0 36.3 54.5



#25
Isophorone
Concen: 77.240 ng
RT: 9.208 min Scan# 1066
Delta R.T. 0.071 min
Lab File: BP025246.D
Acq: 24 Jul 2025 17:31

Tgt Ion: 82 Resp: 437849
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 20.4 16.6 25.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.084 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP025246.D

Acq: 24 Jul 2025 17:31

Instrument :

BNA_P

ClientSampleId :

CC0627-OXL

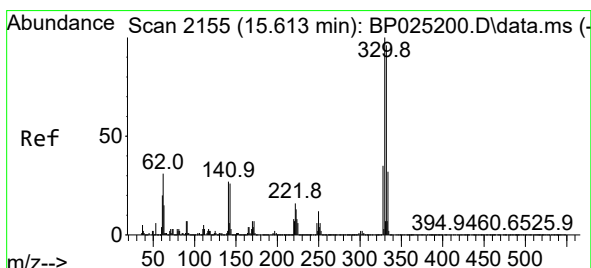
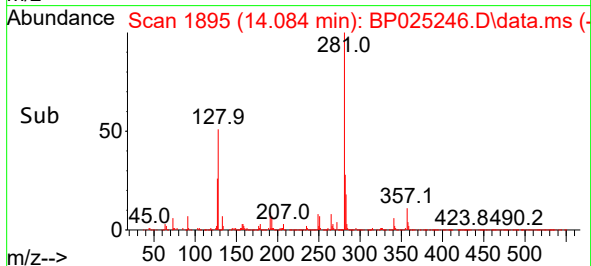
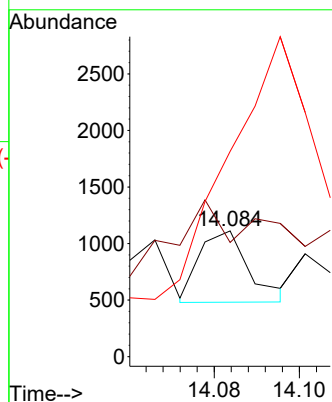
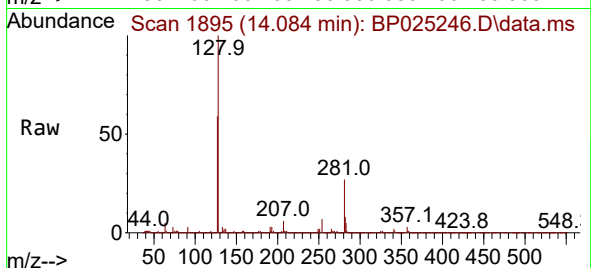
Tgt Ion:164 Resp: 511

Ion Ratio Lower Upper

164 100

162 90.8 80.3 120.5

160 163.2 35.7 53.5#



#42

2,4,6-Tribromophenol

Concen: 6081.026 ng

RT: 15.601 min Scan# 2153

Delta R.T. -0.011 min

Lab File: BP025246.D

Acq: 24 Jul 2025 17:31

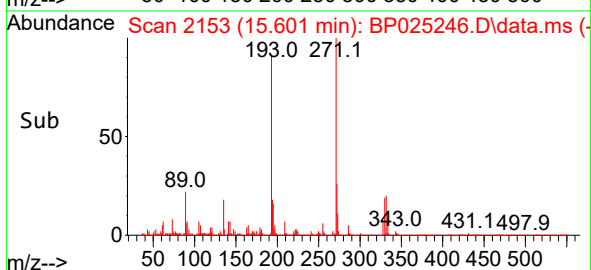
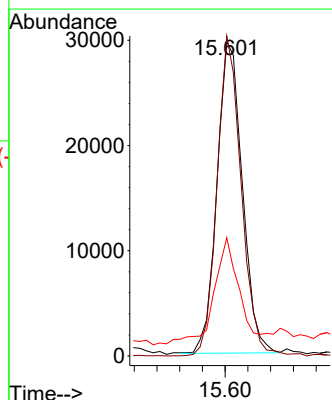
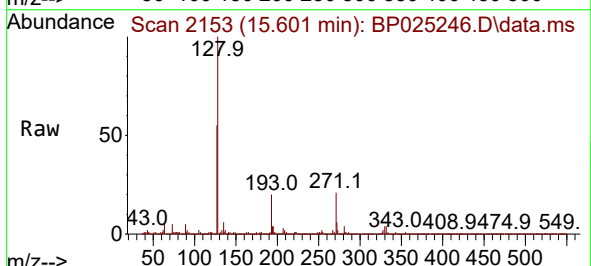
Tgt Ion:330 Resp: 45810

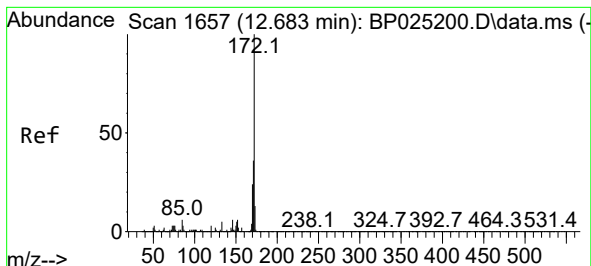
Ion Ratio Lower Upper

330 100

332 98.4 77.1 115.7

141 33.0 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 5017.008 ng

RT: 12.678 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP025246.D

Acq: 24 Jul 2025 17:31

Instrument :

BNA_P

ClientSampleId :

CC0627-OXL

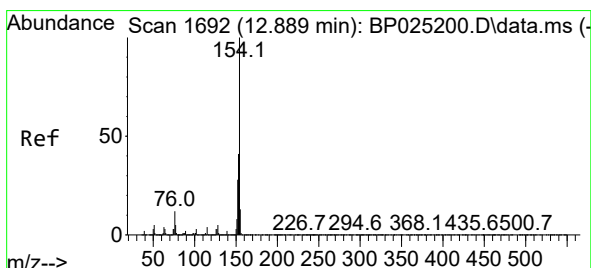
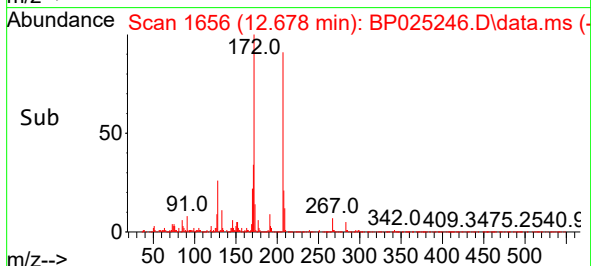
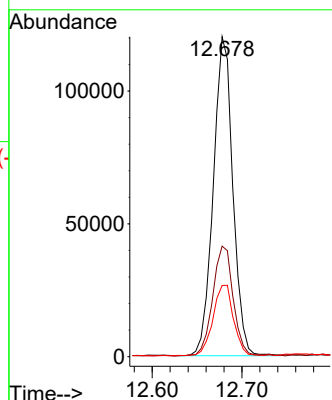
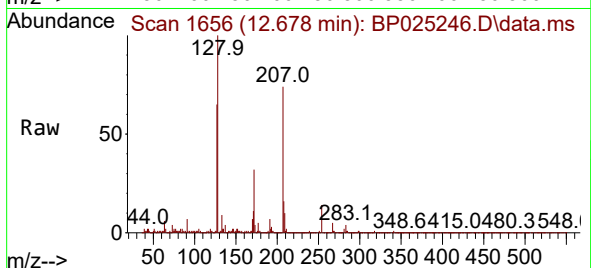
Tgt Ion:172 Resp: 181846

Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

170 22.2 19.2 28.8



#46

1,1'-Biphenyl

Concen: 2704.577 ng

RT: 12.872 min Scan# 1689

Delta R.T. -0.017 min

Lab File: BP025246.D

Acq: 24 Jul 2025 17:31

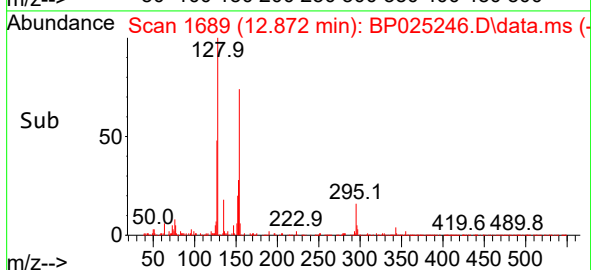
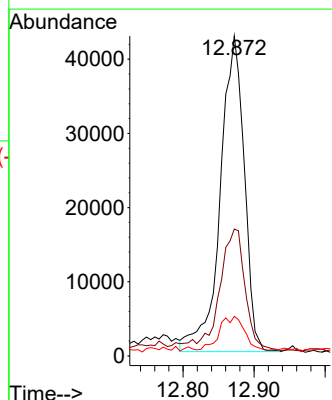
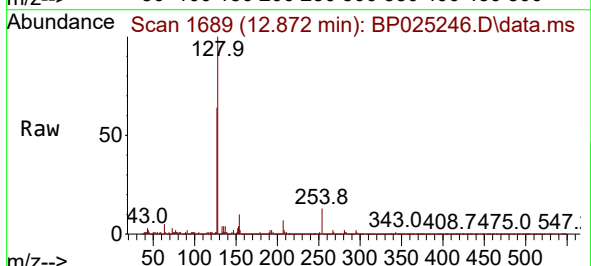
Tgt Ion:154 Resp: 100187

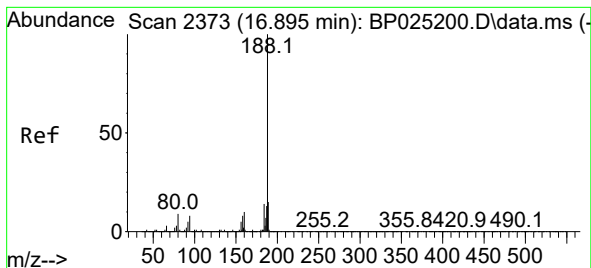
Ion Ratio Lower Upper

154 100

153 39.6 20.8 60.8

76 12.3 0.0 31.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.884 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP025246.D

Acq: 24 Jul 2025 17:31

Instrument :

BNA_P

ClientSampleId :

CC0627-OXL

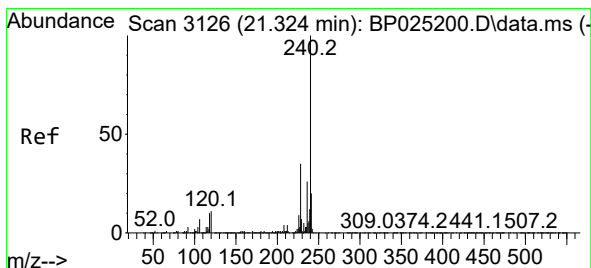
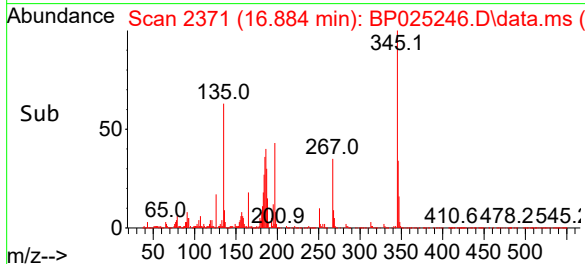
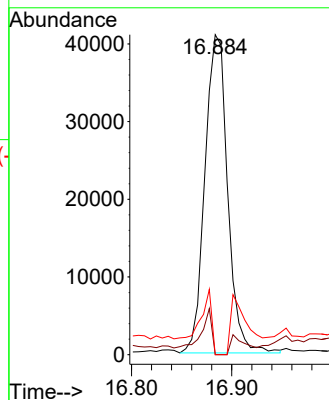
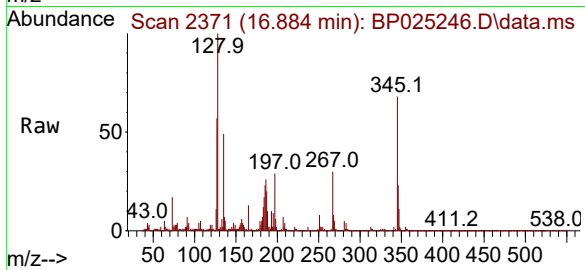
Tgt Ion:188 Resp: 64549

Ion Ratio Lower Upper

188 100

94 0.0 6.8 10.2#

80 0.0 7.3 10.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.336 min Scan# 3128

Delta R.T. 0.012 min

Lab File: BP025246.D

Acq: 24 Jul 2025 17:31

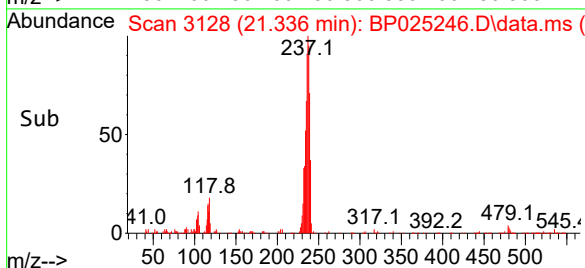
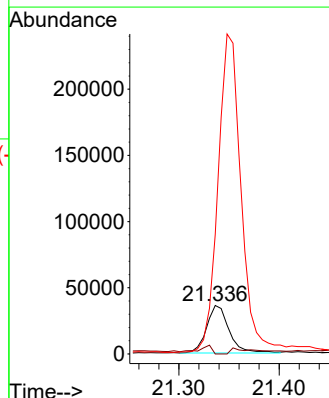
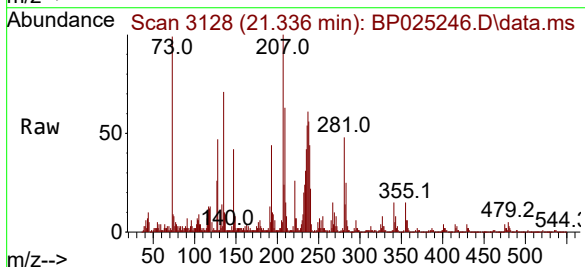
Tgt Ion:240 Resp: 56173

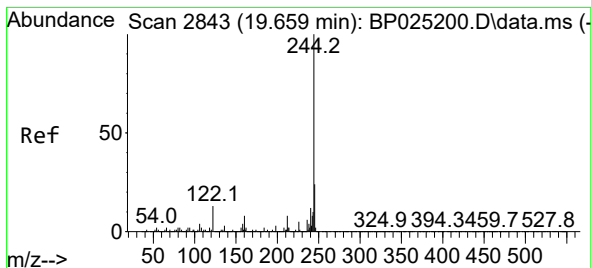
Ion Ratio Lower Upper

240 100

120 0.0 8.8 13.2#

236 246.8 20.9 31.3#





#79

Terphenyl-d14

Concen: 20.769 ng

RT: 19.660 min Scan# 2

Delta R.T. 0.001 min

Lab File: BP025246.D

Acq: 24 Jul 2025 17:31

Instrument :

BNA_P

ClientSampleId :

CC0627-OXL

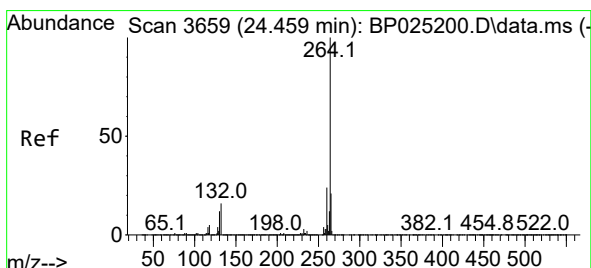
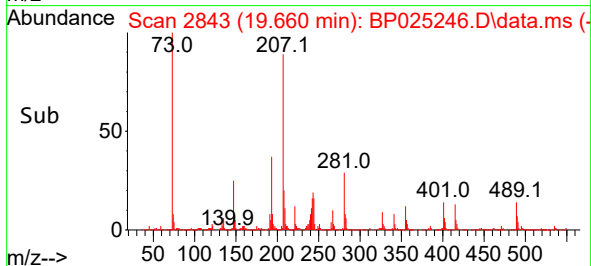
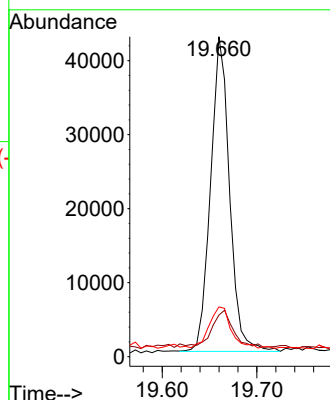
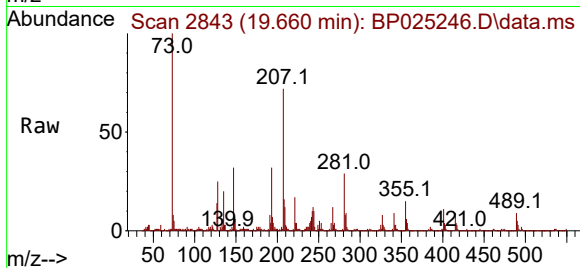
Tgt Ion:244 Resp: 59101

Ion Ratio Lower Upper

244 100

212 13.0 6.6 9.8#

122 15.6 10.3 15.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.436 min Scan# 3655

Delta R.T. -0.023 min

Lab File: BP025246.D

Acq: 24 Jul 2025 17:31

Tgt Ion:264 Resp: 1449

Ion Ratio Lower Upper

264 100

260 69.0 19.0 28.6#

265 1274.4 17.5 26.3#

