

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
 Data File : BP025242.D
 Acq On : 24 Jul 2025 14:46
 Operator : CG/JU
 Sample : Q2481-17 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC0267-OXPL

Quant Time: Jul 24 15:34:25 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)

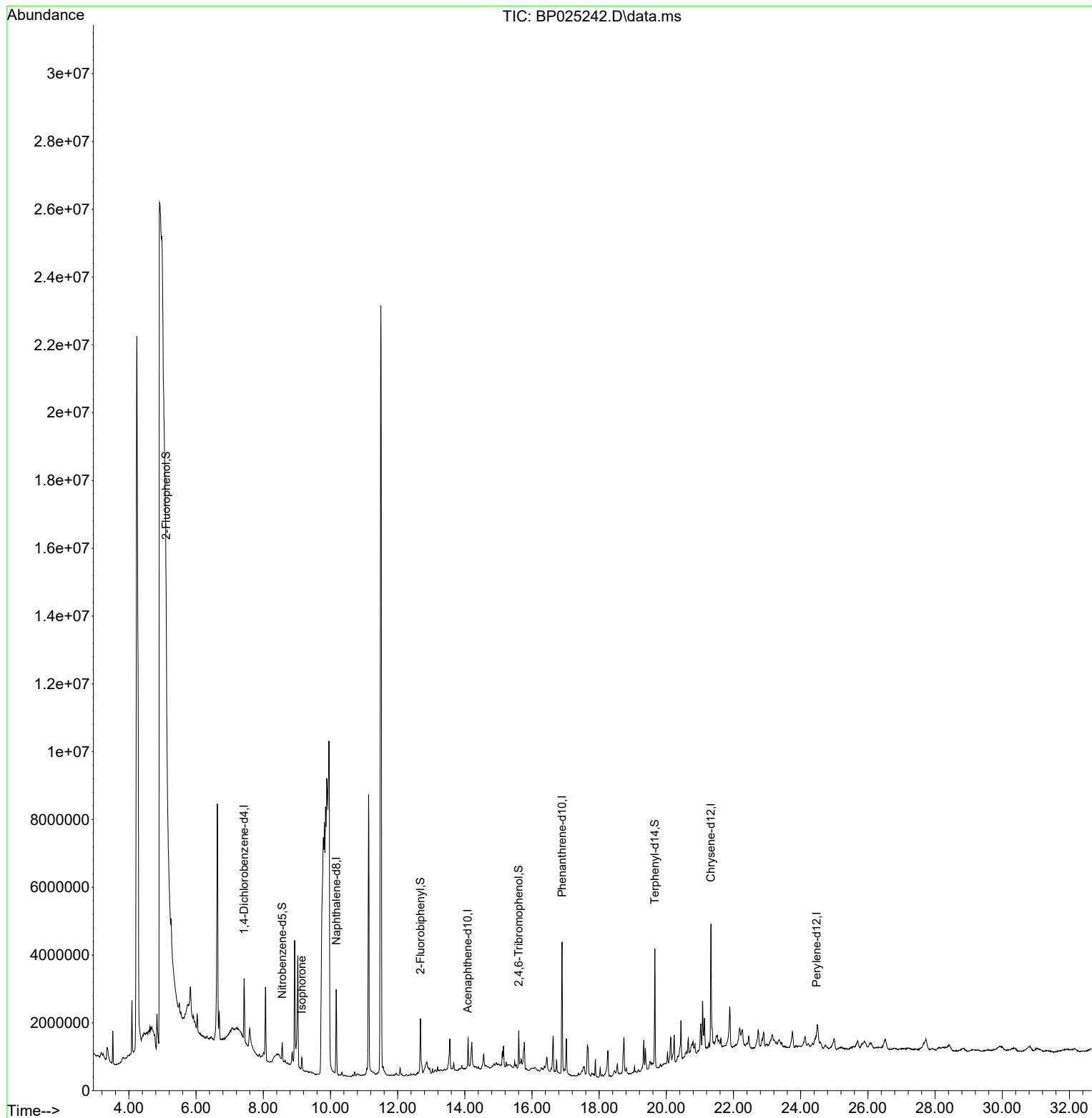
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	513506	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	1840841	20.000	ng	0.00
39) Acenaphthene-d10	14.083	164	2161	20.000	ng	# 0.00
64) Phenanthrene-d10	16.895	188	2197833	20.000	ng	0.00
76) Chrysene-d12	21.324	240	1885587	20.000	ng	0.00
86) Perylene-d12	24.477	264	52055	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.107	112	131775	4.336	ng	0.00
7) Phenol-d6	6.643	99	13082	0.348	ng	0.00
23) Nitrobenzene-d5	8.566	82	290561	8.772	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	187244	5877.473	ng	0.00
45) 2-Fluorobiphenyl	12.678	172	740670	4832.056	ng	0.00
79) Terphenyl-d14	19.660	244	1077720	11.283	ng	0.00
Target Compounds						
25) Isophorone	9.148	82	272801	4.683	ng	Qvalue 97

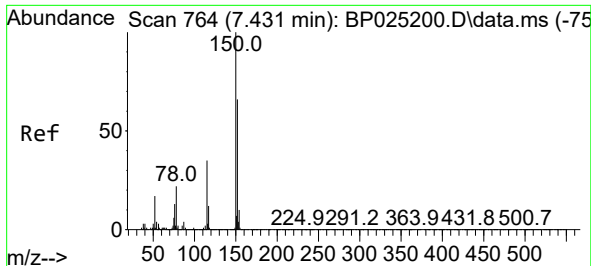
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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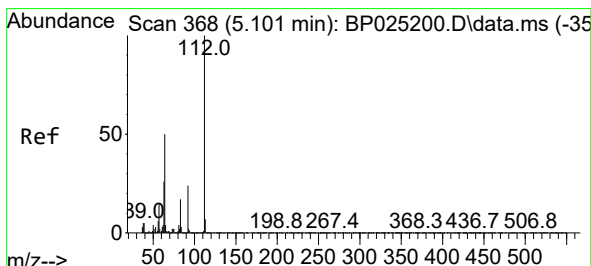
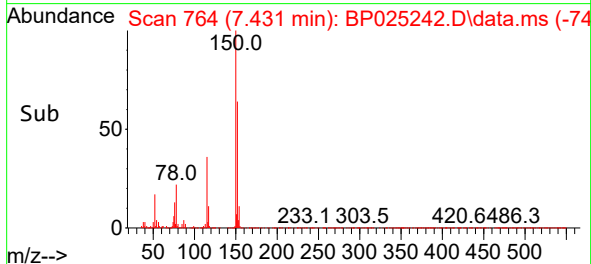
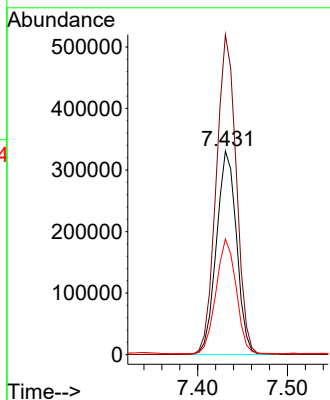
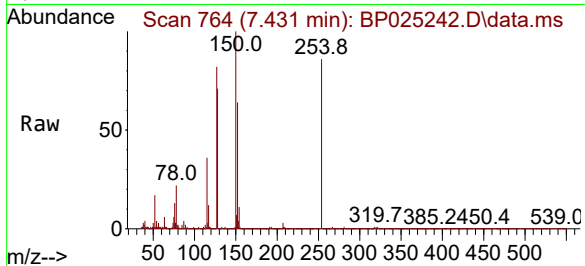




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

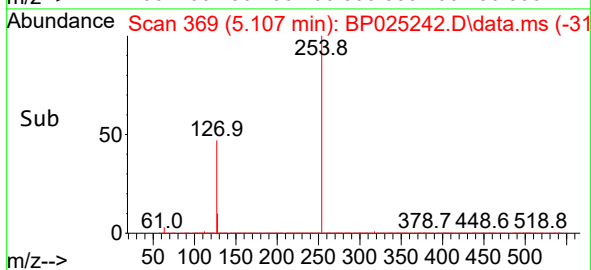
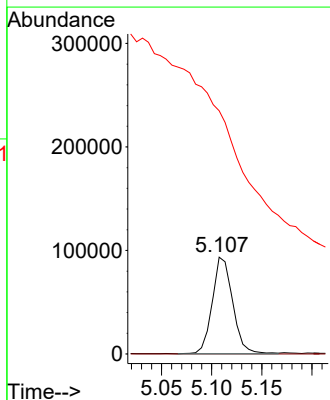
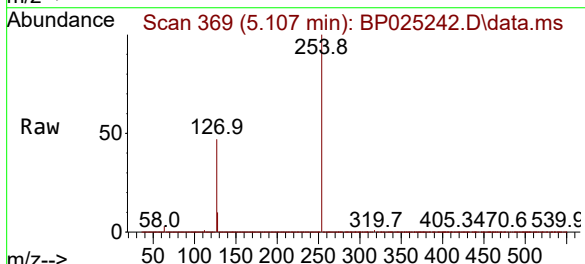
Instrument :
BNA_P
ClientSampleId :
CC0267-OXPL

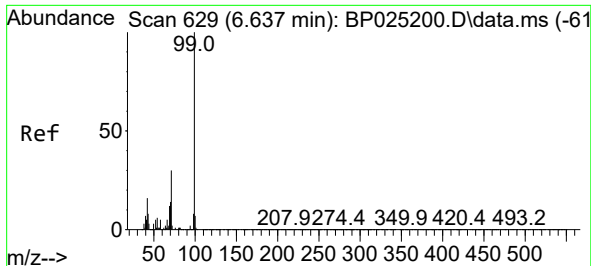
Tgt Ion:152 Resp: 513506
Ion Ratio Lower Upper
152 100
150 157.1 121.9 182.9
115 56.8 43.0 64.6



#5
2-Fluorophenol
Concen: 4.336 ng
RT: 5.107 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Tgt Ion:112 Resp: 131775
Ion Ratio Lower Upper
112 100
64 0.0 39.8 59.6#
63 251.1 20.5 30.7#

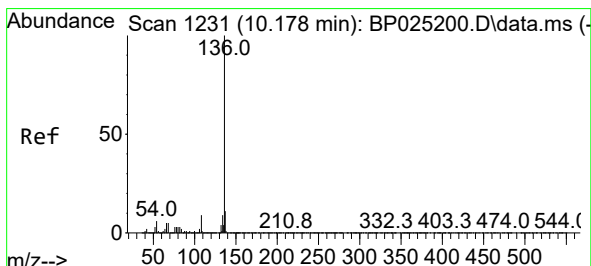
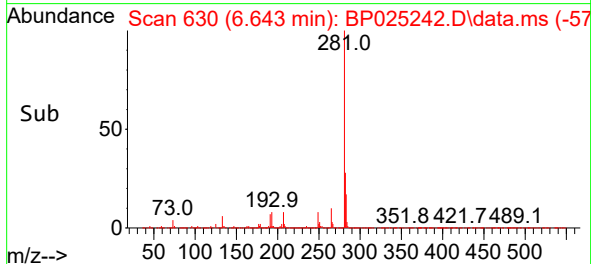
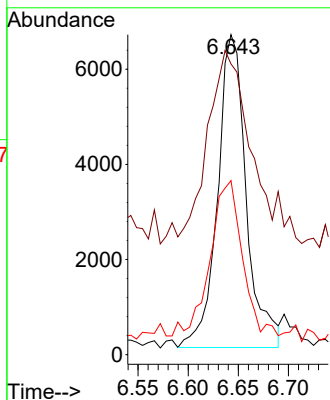
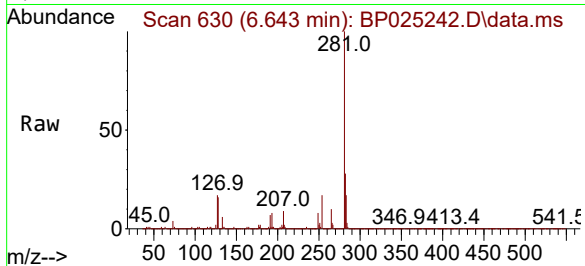




#7
Phenol-d6
Concen: 0.348 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

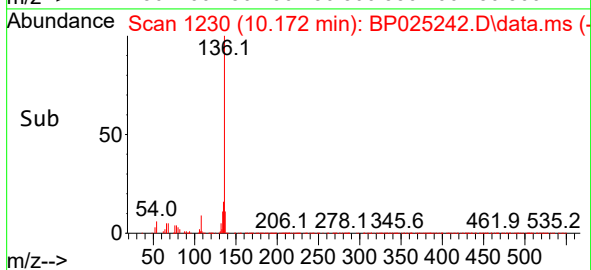
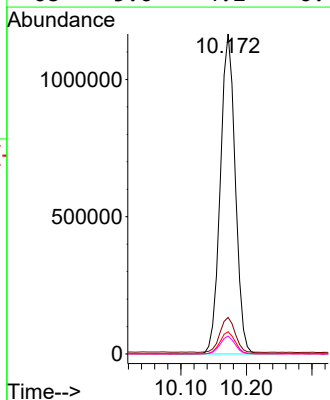
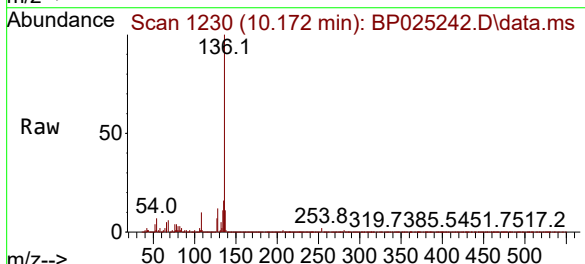
Instrument :
BNA_P
ClientSampleId :
CC0267-OXPL

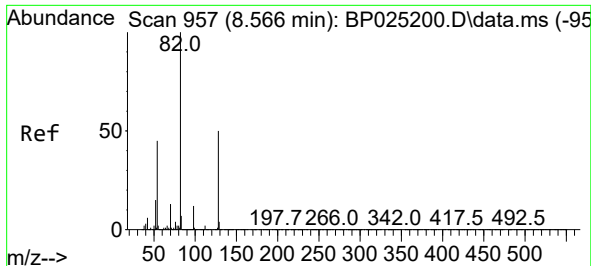
Tgt Ion: 99 Resp: 13082
Ion Ratio Lower Upper
99 100
42 90.8 12.5 18.7#
71 54.4 24.2 36.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Tgt Ion: 136 Resp: 1840841
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.0 5.1 7.7
68 5.6 4.2 6.4

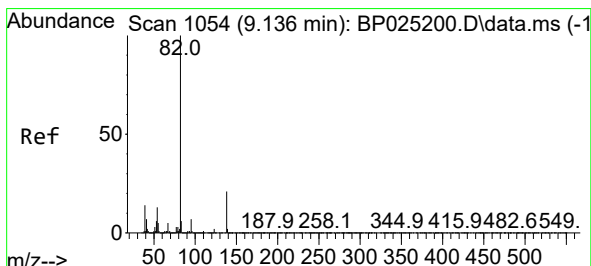
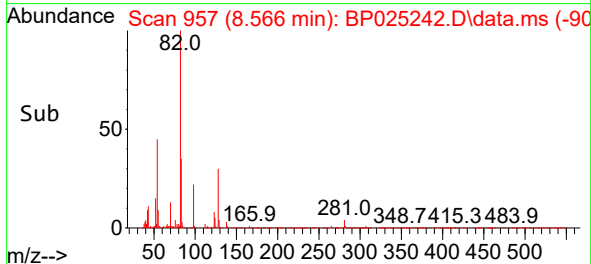
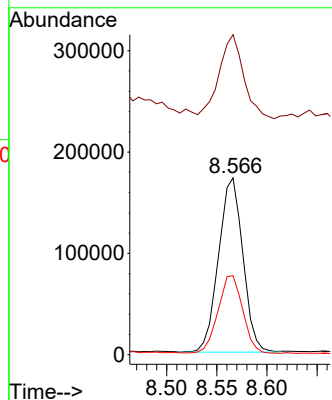
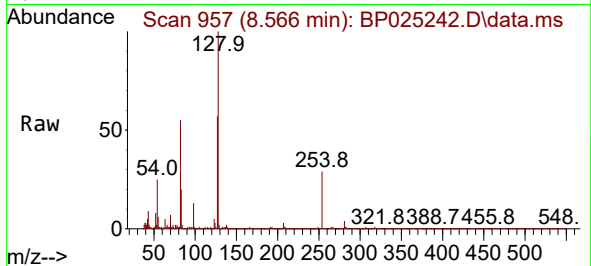




#23
Nitrobenzene-d5
Concen: 8.772 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

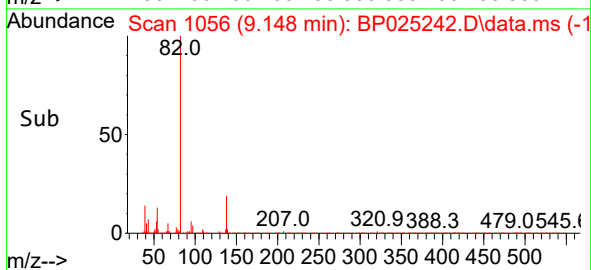
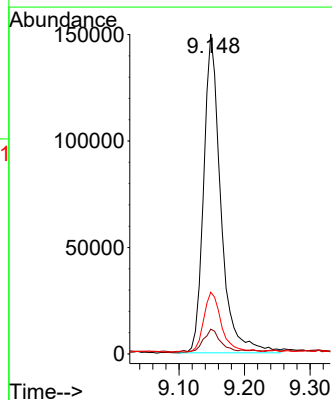
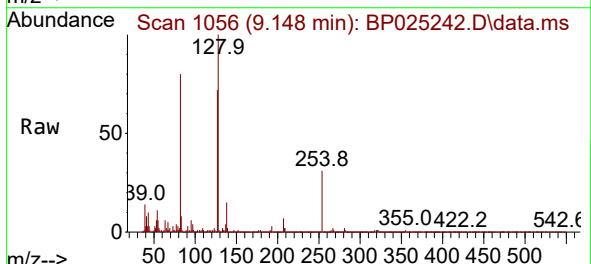
Instrument :
BNA_P
ClientSampleId :
CC0267-OXPL

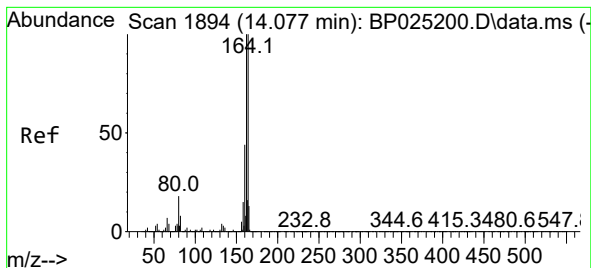
Tgt Ion: 82 Resp: 290561
Ion Ratio Lower Upper
82 100
128 180.9 40.2 60.4#
54 44.7 36.3 54.5



#25
Isophorone
Concen: 4.683 ng
RT: 9.148 min Scan# 1056
Delta R.T. 0.012 min
Lab File: BP025242.D
Acq: 24 Jul 2025 14:46

Tgt Ion: 82 Resp: 272801
Ion Ratio Lower Upper
82 100
95 7.7 5.6 8.4
138 19.3 16.6 25.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.083 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP025242.D

Acq: 24 Jul 2025 14:46

Instrument :

BNA_P

ClientSampleId :

CC0267-OXPL

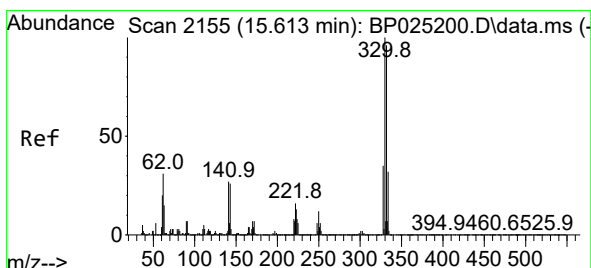
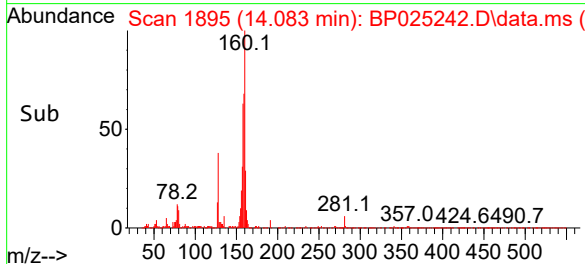
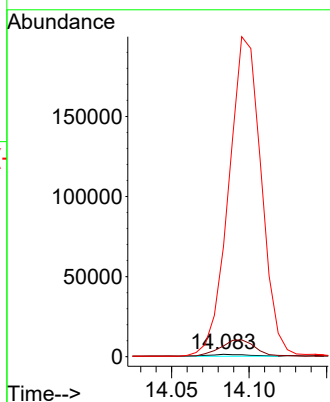
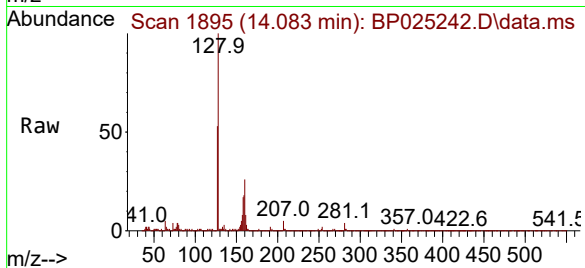
Tgt Ion:164 Resp: 2161

Ion Ratio Lower Upper

164 100

162 450.8 80.3 120.5#

160 4602.3 35.7 53.5#



#42

2,4,6-Tribromophenol

Concen: 5877.473 ng

RT: 15.607 min Scan# 2154

Delta R.T. -0.006 min

Lab File: BP025242.D

Acq: 24 Jul 2025 14:46

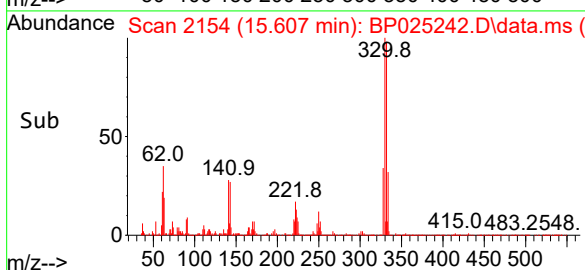
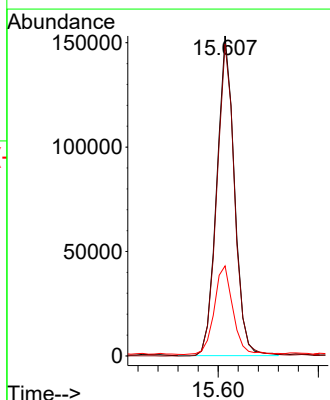
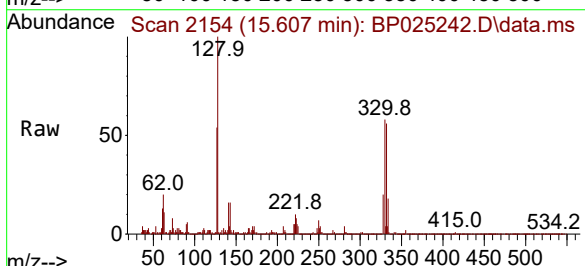
Tgt Ion:330 Resp: 187244

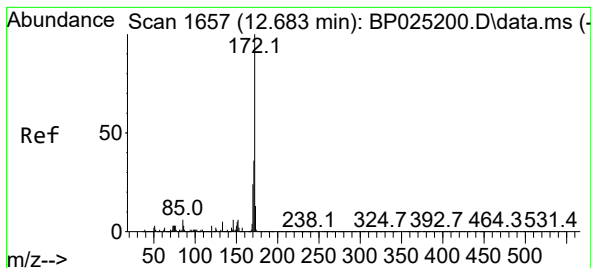
Ion Ratio Lower Upper

330 100

332 98.2 77.1 115.7

141 29.4 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 4832.056 ng

RT: 12.678 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025242.D

Acq: 24 Jul 2025 14:46

Instrument :

BNA_P

ClientSampleId :

CC0267-OXPL

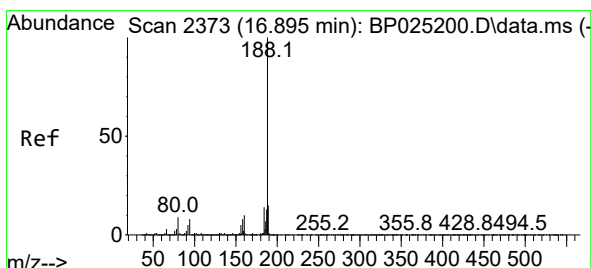
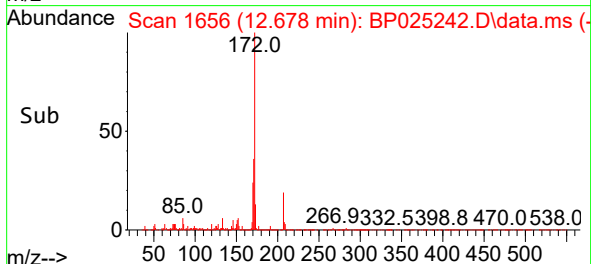
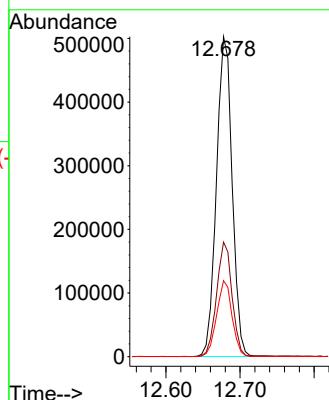
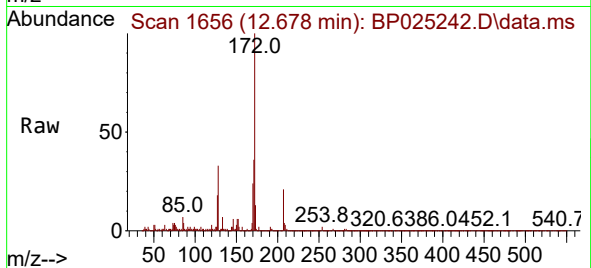
Tgt Ion:172 Resp: 740670

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.8 19.2 28.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.895 min Scan# 2373

Delta R.T. 0.000 min

Lab File: BP025242.D

Acq: 24 Jul 2025 14:46

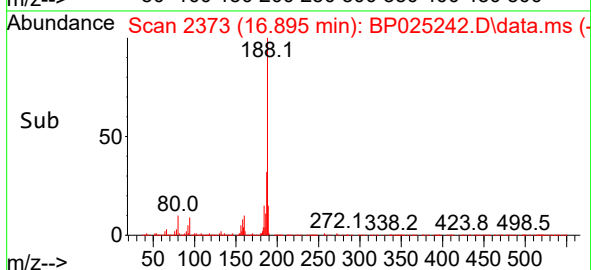
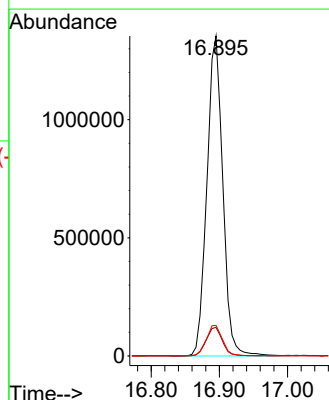
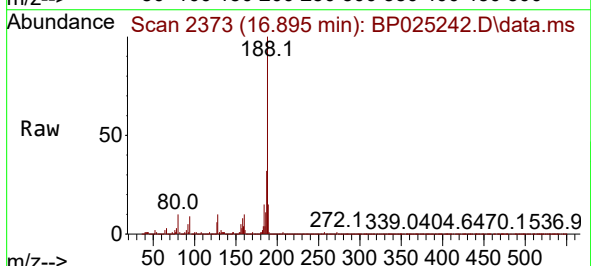
Tgt Ion:188 Resp: 2197833

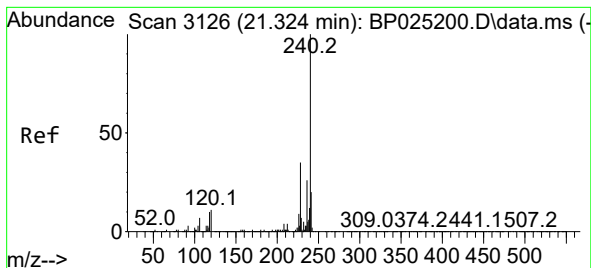
Ion Ratio Lower Upper

188 100

94 8.9 6.8 10.2

80 9.6 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: BP025242.D

Acq: 24 Jul 2025 14:46

Instrument :

BNA_P

ClientSampleId :

CC0267-OXPL

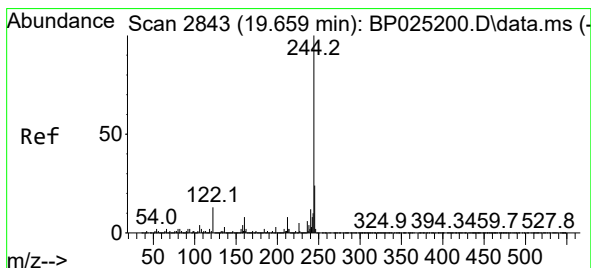
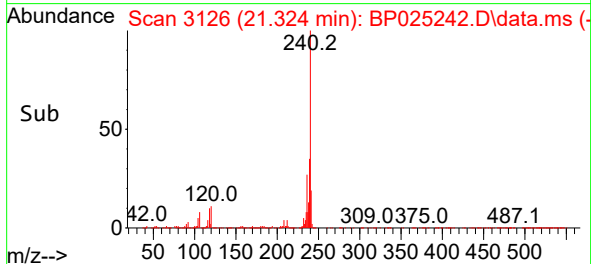
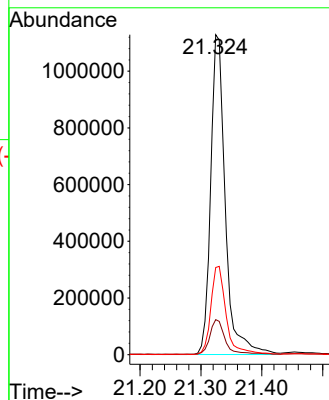
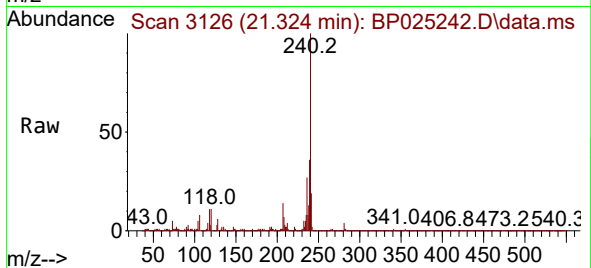
Tgt Ion:240 Resp: 1885587

Ion Ratio Lower Upper

240 100

120 10.9 8.8 13.2

236 27.3 20.9 31.3



#79

Terphenyl-d14

Concen: 11.283 ng

RT: 19.660 min Scan# 2843

Delta R.T. 0.001 min

Lab File: BP025242.D

Acq: 24 Jul 2025 14:46

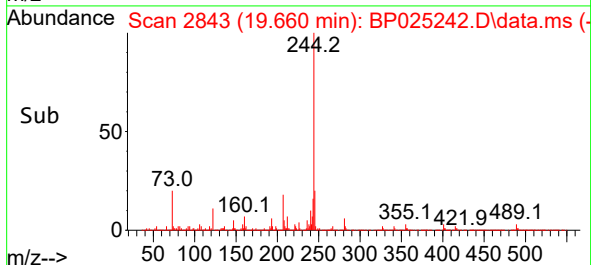
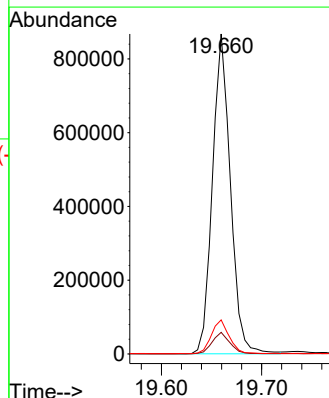
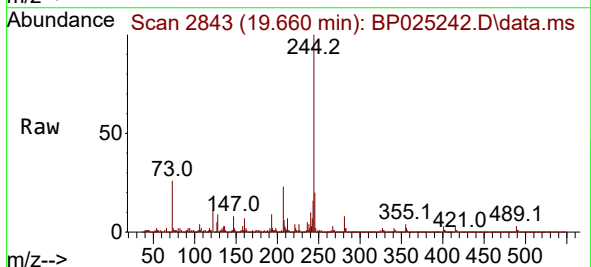
Tgt Ion:244 Resp: 1077720

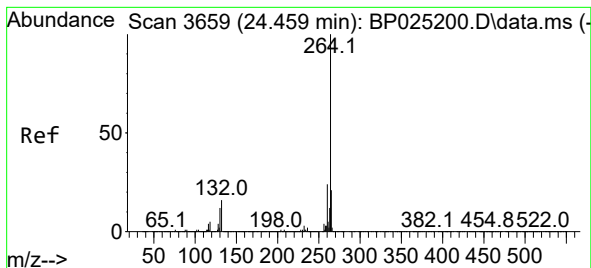
Ion Ratio Lower Upper

244 100

212 6.7 6.6 9.8

122 10.7 10.3 15.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.477 min Scan# 30

Delta R.T. 0.018 min

Lab File: BP025242.D

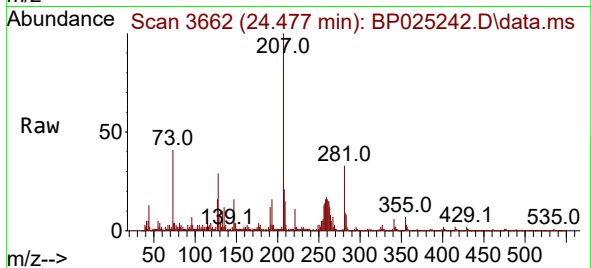
Acq: 24 Jul 2025 14:46

Instrument :

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Tgt Ion:264 Resp: 52055

Ion Ratio Lower Upper

264 100

260 200.3 19.0 28.6#

265 62.6 17.5 26.3#

