

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072925\
 Data File : BP025262.D
 Acq On : 29 Jul 2025 15:16
 Operator : CG/JU
 Sample : PB169045BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169045BL

Quant Time: Jul 29 15:33:56 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 29 15:28:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.401	152	365573	20.000	ng	0.00
21) Naphthalene-d8	10.143	136	1407611	20.000	ng	0.00
39) Acenaphthene-d10	14.042	164	920732	20.000	ng	0.00
64) Phenanthrene-d10	16.866	188	1911410	20.000	ng	-0.01
76) Chrysene-d12	21.307	240	2107196	20.000	ng	0.00
86) Perylene-d12	24.424	264	2470260	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.107	112	2899952	134.033	ng	0.00
7) Phenol-d6	6.654	99	3510603	131.006	ng	0.00
23) Nitrobenzene-d5	8.537	82	2081117	82.164	ng	0.00
42) 2,4,6-Tribromophenol	15.578	330	1736412	127.925	ng	0.00
45) 2-Fluorobiphenyl	12.642	172	5557037	85.089	ng	0.00
79) Terphenyl-d14	19.630	244	9241500	86.575	ng	0.00

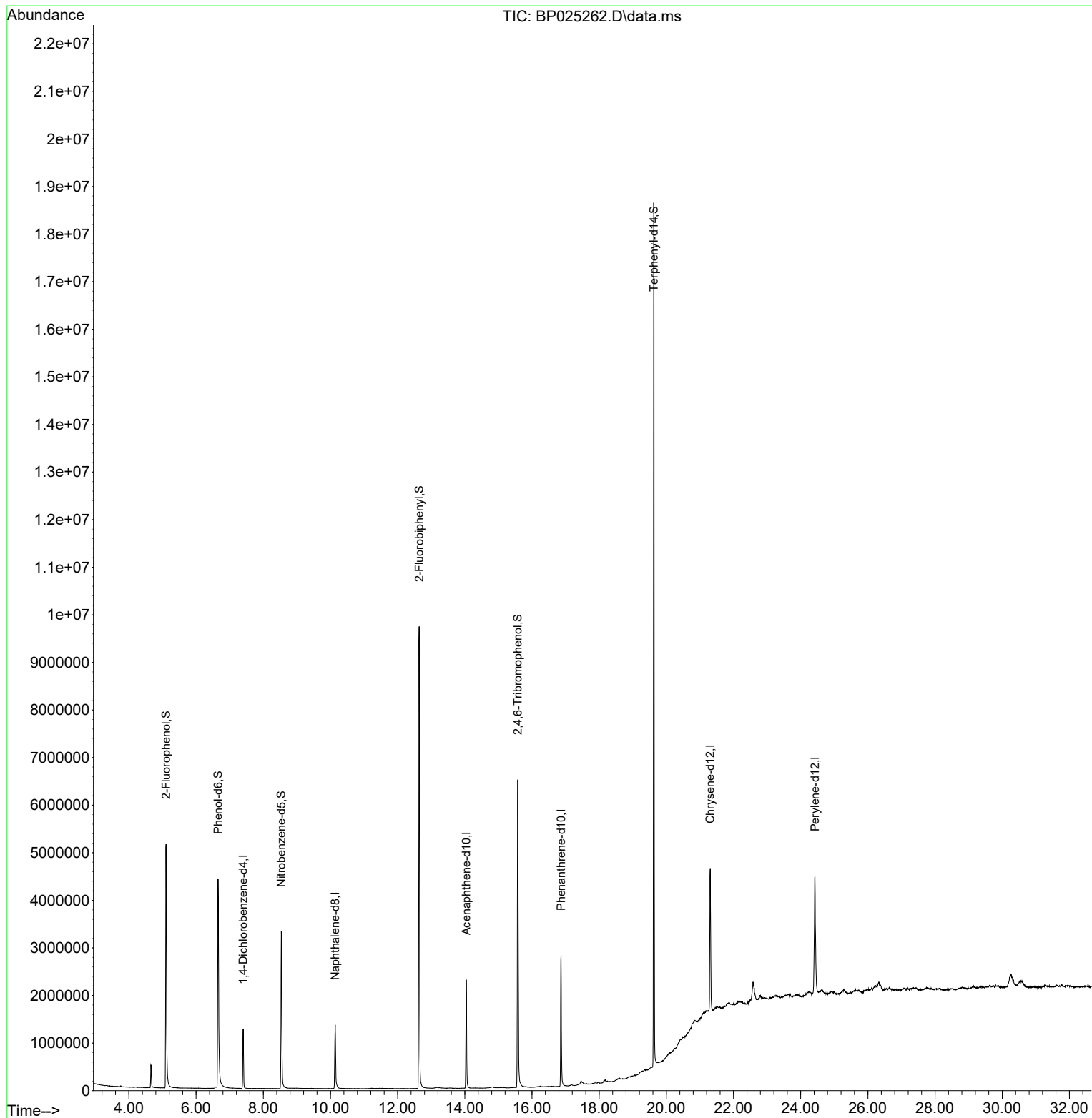
Target Compounds	Qvalue

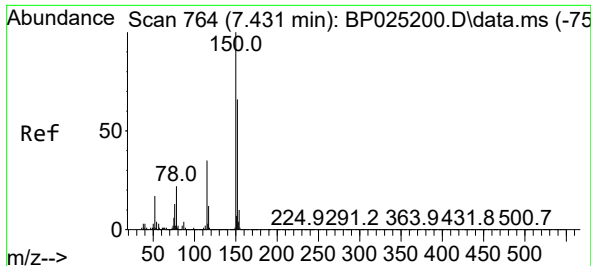
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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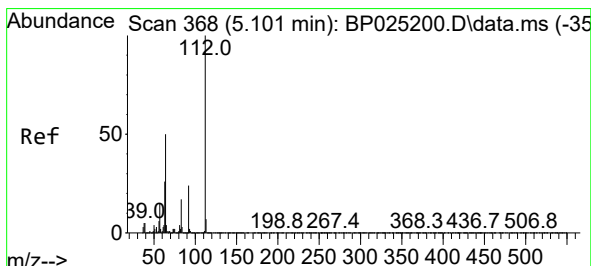
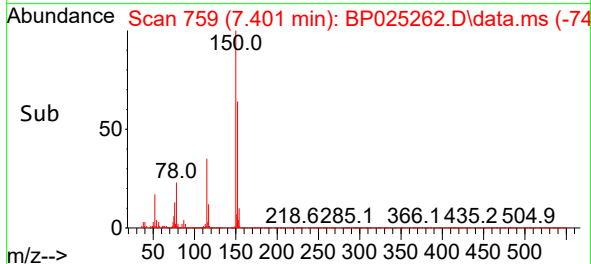
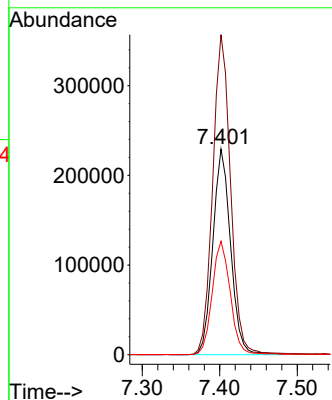
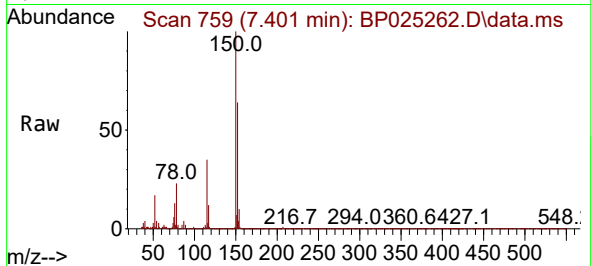




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.401 min Scan# 71
Delta R.T. -0.001 min
Lab File: BP025262.D
Acq: 29 Jul 2025 15:16

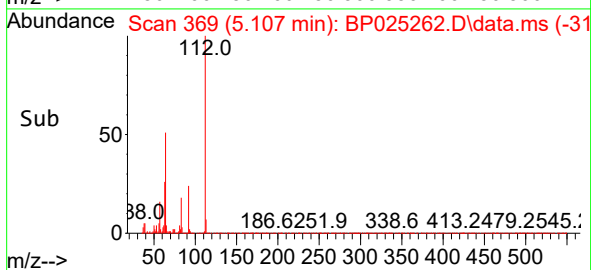
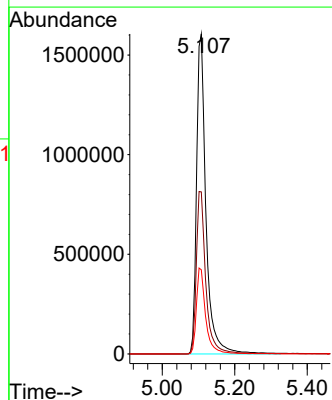
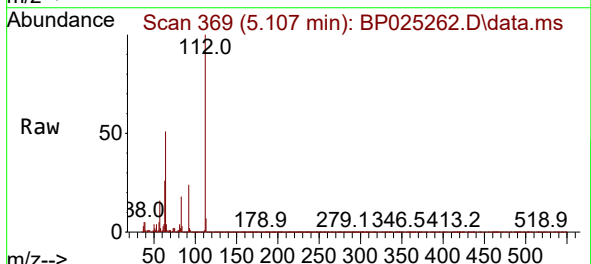
Instrument :
BNA_P
ClientSampleId :
PB169045BL

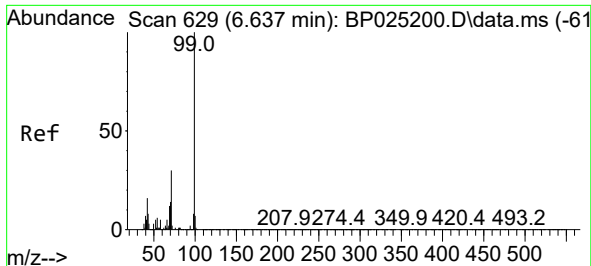
Tgt Ion:152 Resp: 365573
Ion Ratio Lower Upper
152 100
150 155.6 121.9 182.9
115 55.1 43.0 64.6



#5
2-Fluorophenol
Concen: 134.033 ng
RT: 5.107 min Scan# 369
Delta R.T. -0.000 min
Lab File: BP025262.D
Acq: 29 Jul 2025 15:16

Tgt Ion:112 Resp: 2899952
Ion Ratio Lower Upper
112 100
64 50.7 39.8 59.6
63 26.3 20.5 30.7

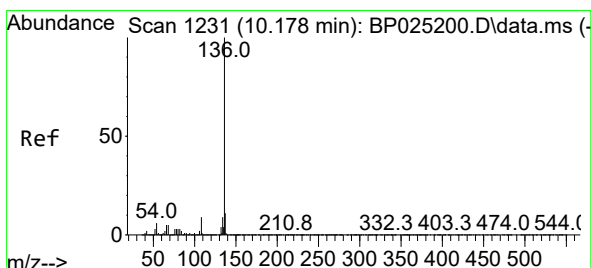
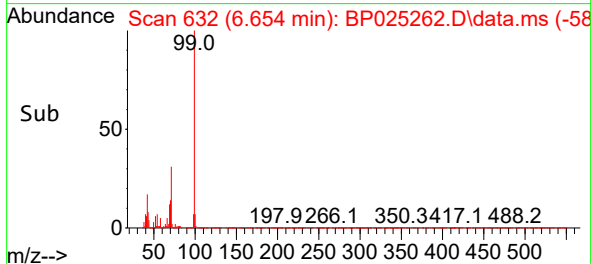
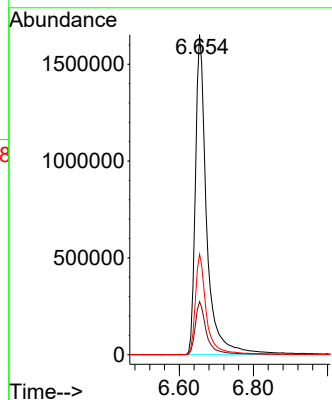
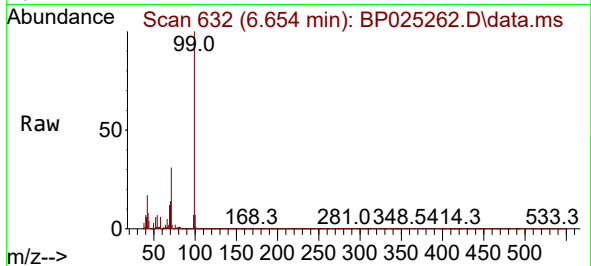




#7
Phenol-d6
Concen: 131.006 ng
RT: 6.654 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025262.D
Acq: 29 Jul 2025 15:16

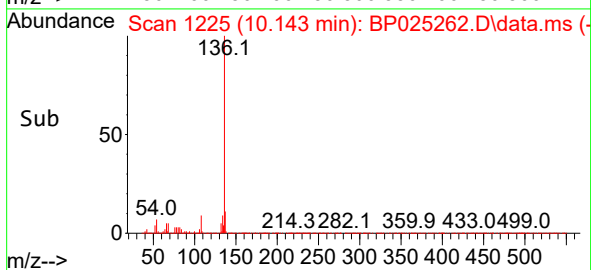
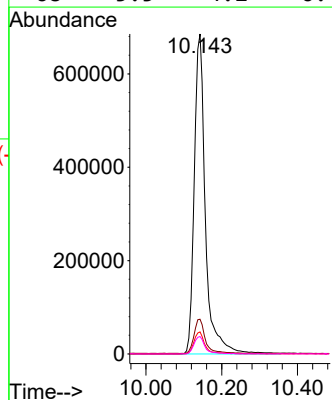
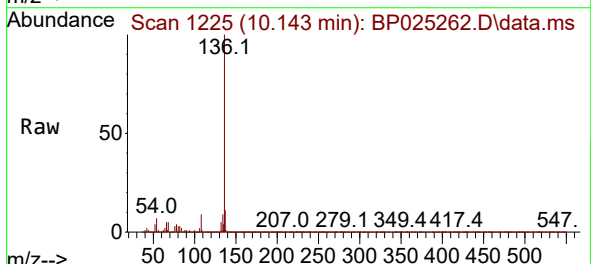
Instrument :
BNA_P
ClientSampleId :
PB169045BL

Tgt Ion: 99 Resp: 3510603
Ion Ratio Lower Upper
99 100
42 16.5 12.5 18.7
71 31.4 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.143 min Scan# 1225
Delta R.T. -0.000 min
Lab File: BP025262.D
Acq: 29 Jul 2025 15:16

Tgt Ion: 136 Resp: 1407611
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.9 5.1 7.7
68 5.5 4.2 6.4

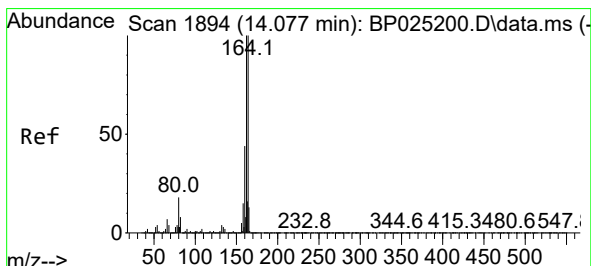
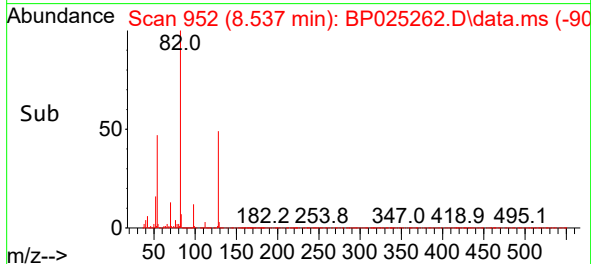
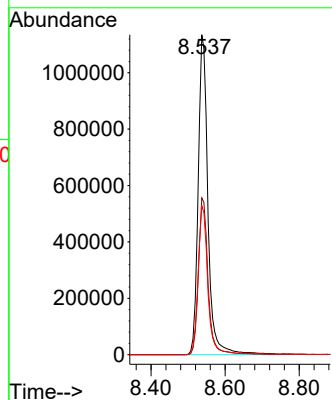
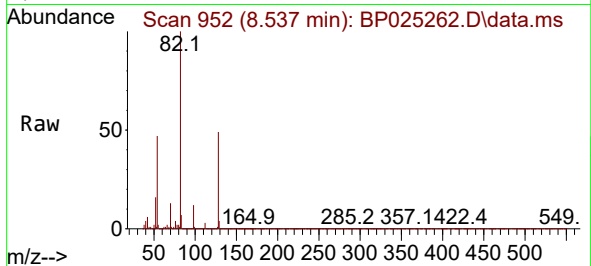




#23
Nitrobenzene-d5
Concen: 82.164 ng
RT: 8.537 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025262.D
Acq: 29 Jul 2025 15:16

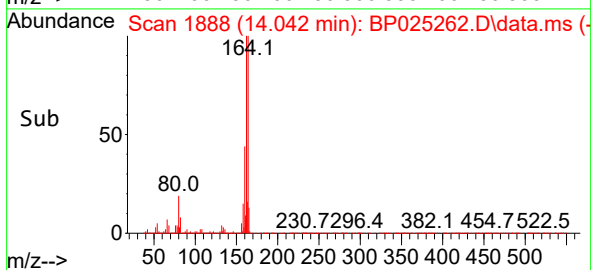
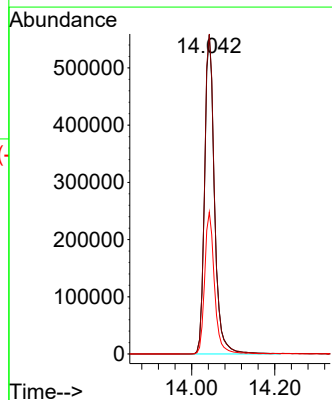
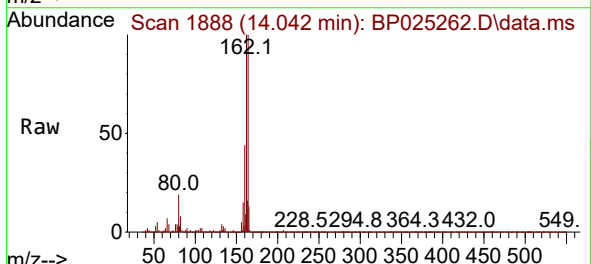
Instrument :
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ClientSampleId :
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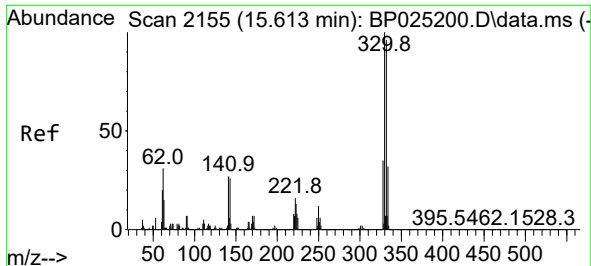
Tgt Ion: 82 Resp: 2081117
Ion Ratio Lower Upper
82 100
128 48.9 40.2 60.4
54 46.6 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.042 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BP025262.D
Acq: 29 Jul 2025 15:16

Tgt Ion:164 Resp: 920732
Ion Ratio Lower Upper
164 100
162 100.3 80.3 120.5
160 44.5 35.7 53.5

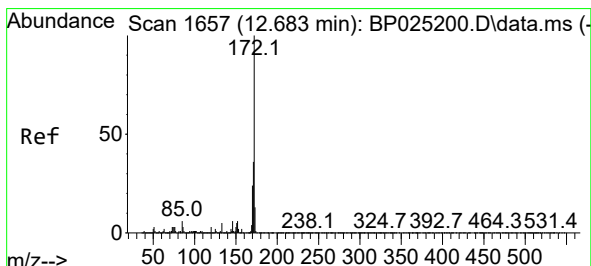
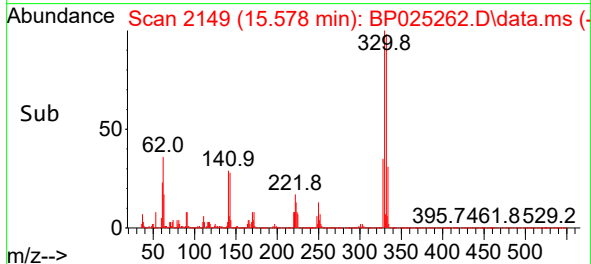
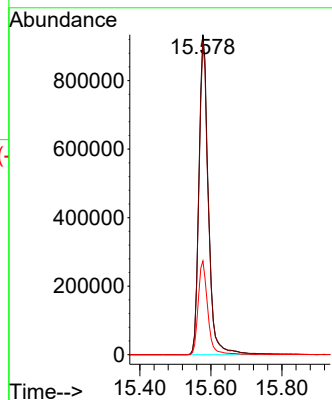
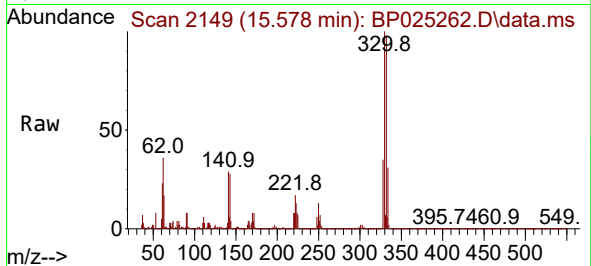




#42
2,4,6-Tribromophenol
Concen: 127.925 ng
RT: 15.578 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP025262.D
Acq: 29 Jul 2025 15:16

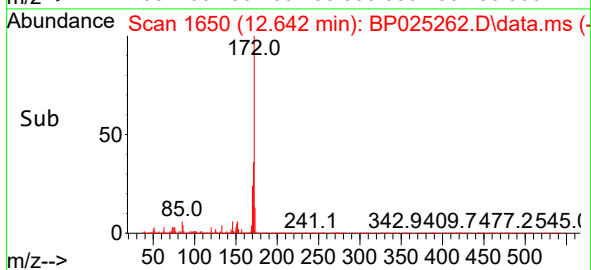
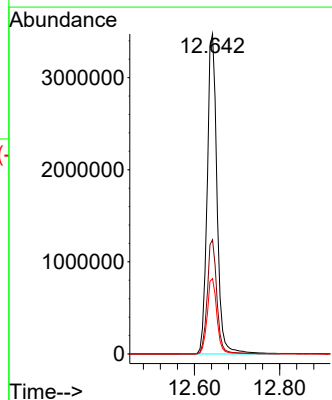
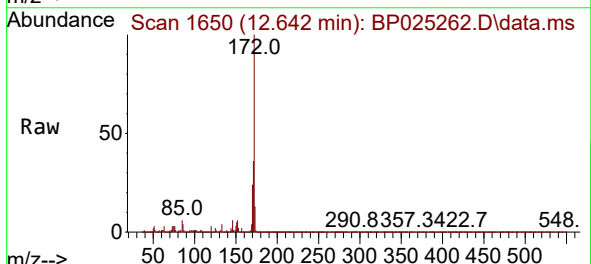
Instrument :
BNA_P
ClientSampleId :
PB169045BL

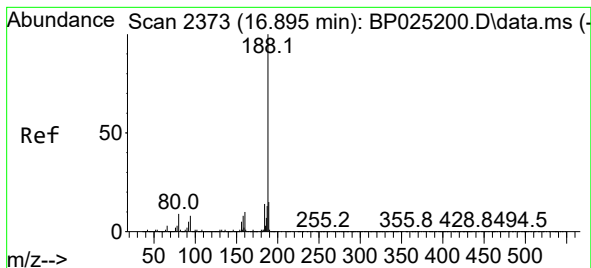
Tgt Ion:330 Resp: 1736412
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 29.4 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 85.089 ng
RT: 12.642 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP025262.D
Acq: 29 Jul 2025 15:16

Tgt Ion:172 Resp: 5557037
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.5 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.866 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025262.D

Acq: 29 Jul 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB169045BL

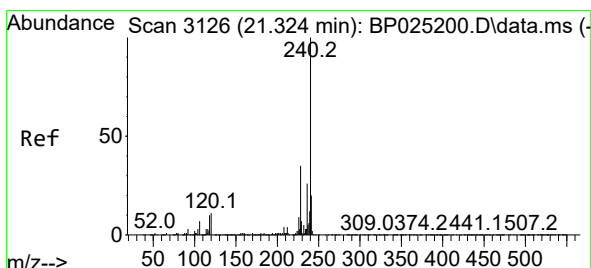
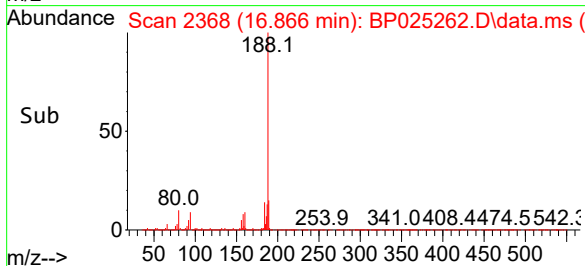
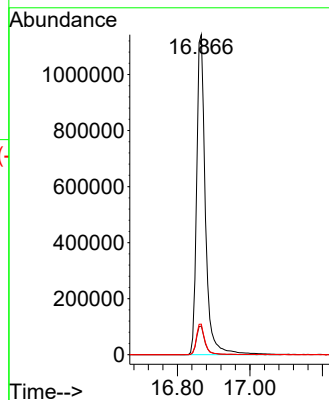
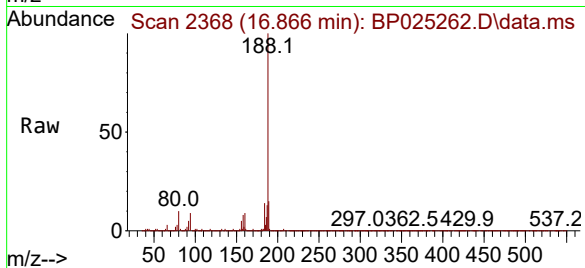
Tgt Ion:188 Resp: 1911410

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: 21.307 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BP025262.D

Acq: 29 Jul 2025 15:16

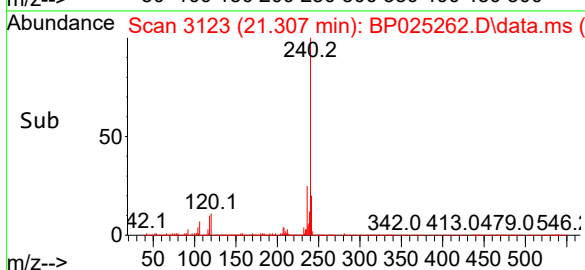
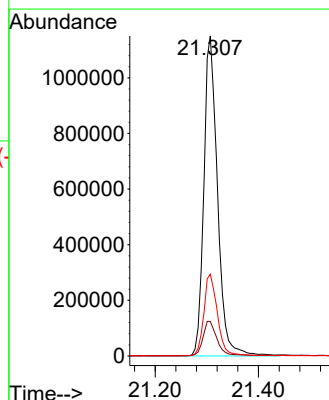
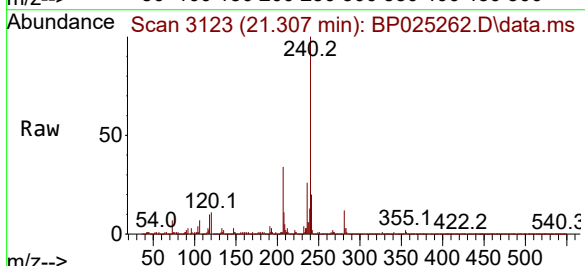
Tgt Ion:240 Resp: 2107196

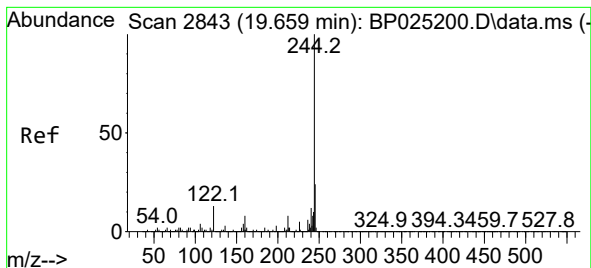
Ion Ratio Lower Upper

240 100

120 10.8 8.8 13.2

236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 86.575 ng

RT: 19.630 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025262.D

Acq: 29 Jul 2025 15:16

Instrument :

BNA_P

ClientSampleId :

PB169045BL

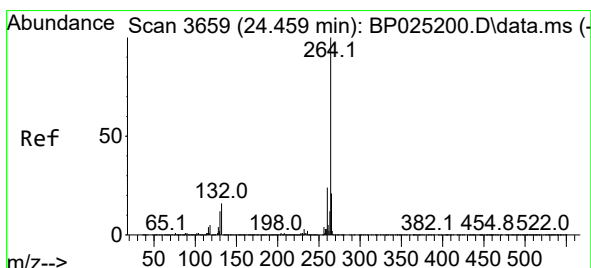
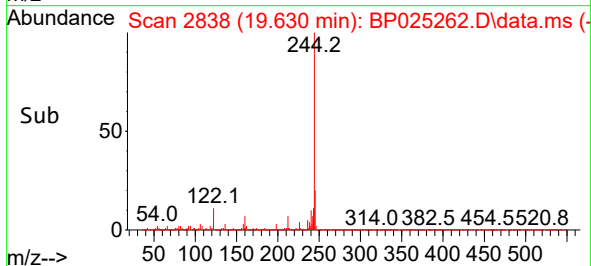
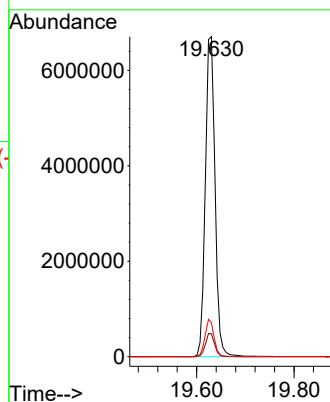
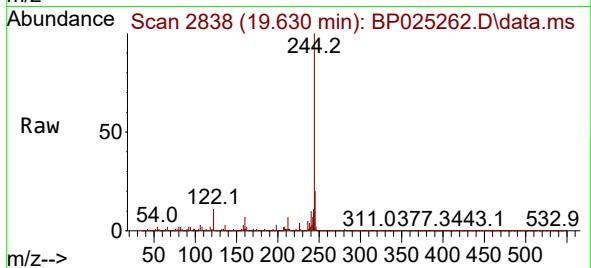
Tgt Ion:244 Resp: 9241500

Ion Ratio Lower Upper

244 100

212 7.1 6.6 9.8

122 10.6 10.3 15.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.424 min Scan# 3653

Delta R.T. 0.012 min

Lab File: BP025262.D

Acq: 29 Jul 2025 15:16

Tgt Ion:264 Resp: 2470260

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 22.8 17.5 26.3

