

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025167.D
 Acq On : 16 Jul 2025 21:04
 Operator : CG/JU
 Sample : Q2589-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-06-071125

Quant Time: Jul 17 01:11:21 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	7.443	152	672964	20.000	ng	0.00
21) Naphthalene-d8	10.195	136	2577975	20.000	ng	0.01
39) Acenaphthene-d10	14.101	164	1547999	20.000	ng	0.01
64) Phenanthrene-d10	16.925	188	2910089	20.000	ng	0.02
76) Chrysene-d12	21.348	240	3063338	20.000	ng	0.00
86) Perylene-d12	24.512	264	3652410	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	487071	12.824	ng	0.01
7) Phenol-d6	6.643	99	635818	12.828	ng	0.01
23) Nitrobenzene-d5	8.572	82	363081	9.367	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	284538	15.560	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	948919	9.496	ng	0.00
79) Terphenyl-d14	19.677	244	1367191	9.809	ng	0.00

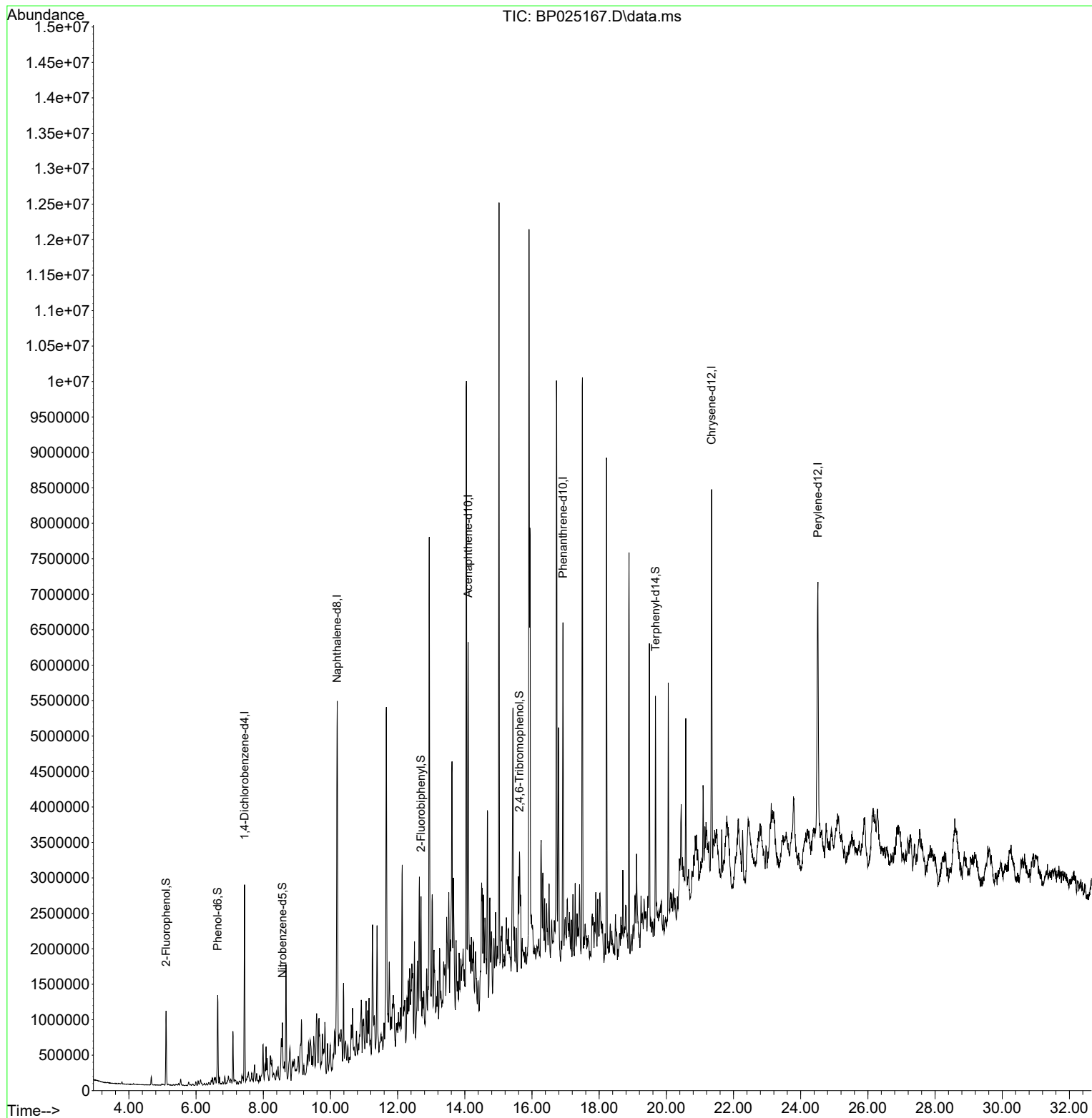
Target Compounds	Qvalue

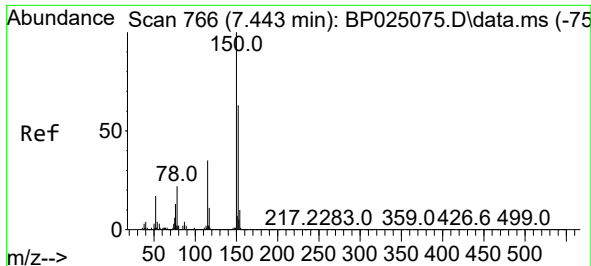
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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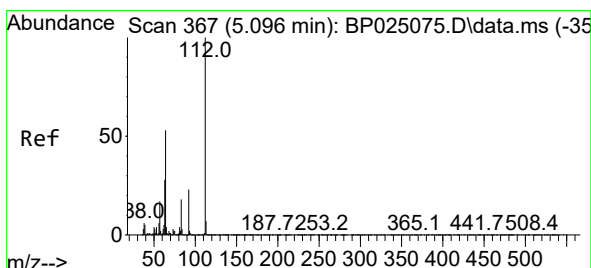
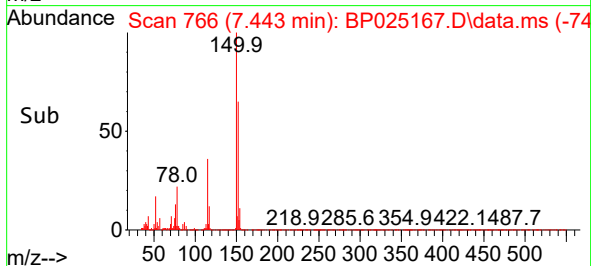
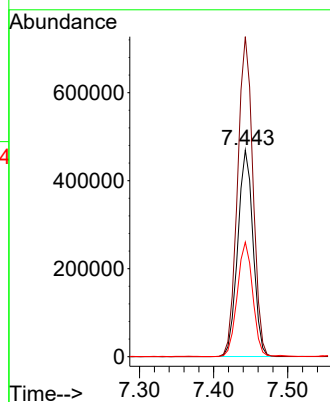
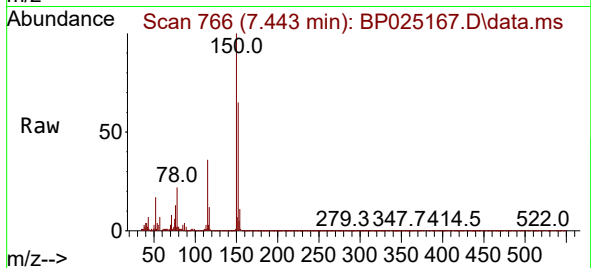




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

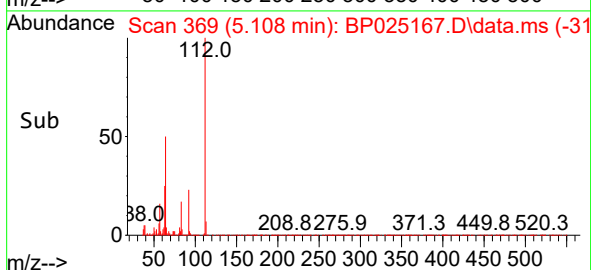
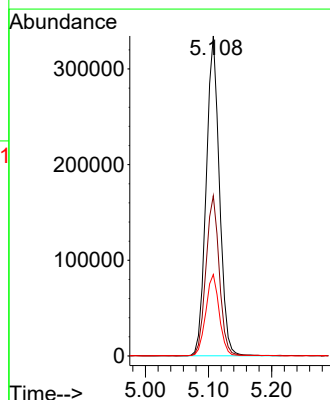
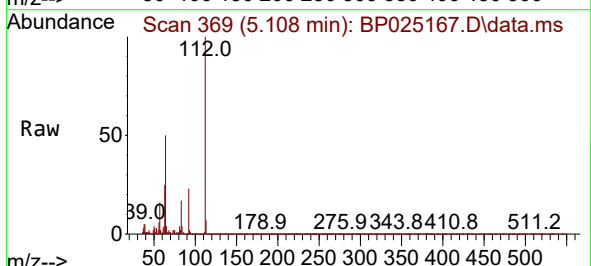
Instrument :
BNA_P
ClientSampleId :
AU-06-071125

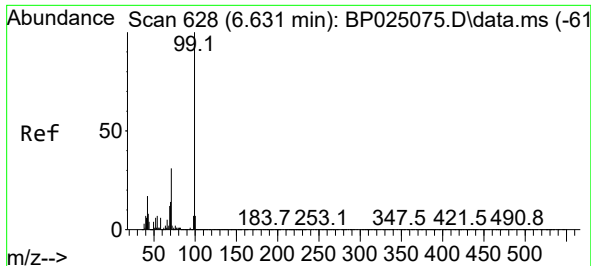
Tgt Ion:152 Resp: 672964
Ion Ratio Lower Upper
152 100
150 154.9 126.1 189.1
115 55.4 44.3 66.5



#5
2-Fluorophenol
Concen: 12.824 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.012 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

Tgt Ion:112 Resp: 487071
Ion Ratio Lower Upper
112 100
64 50.1 42.0 63.0
63 25.4 22.2 33.2

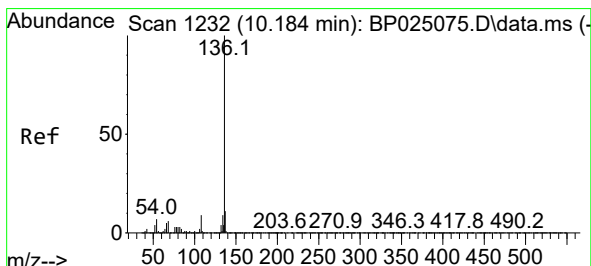
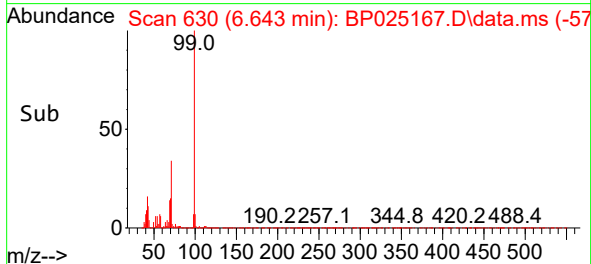
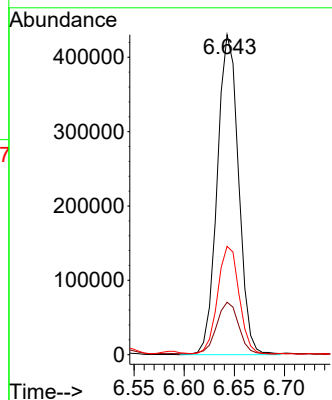
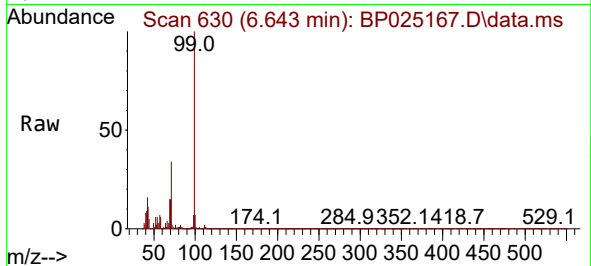




#7
Phenol-d6
Concen: 12.828 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

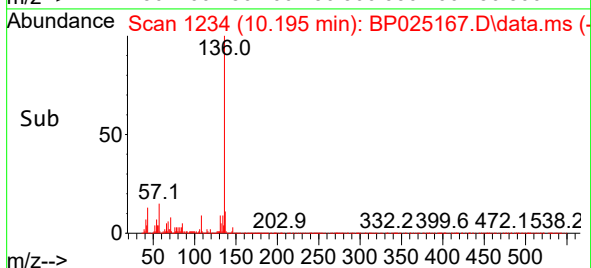
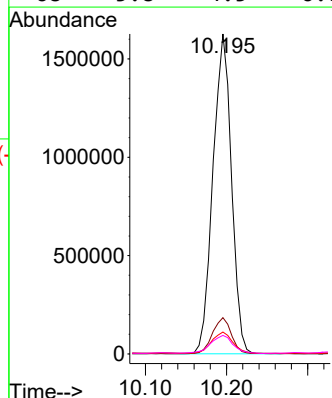
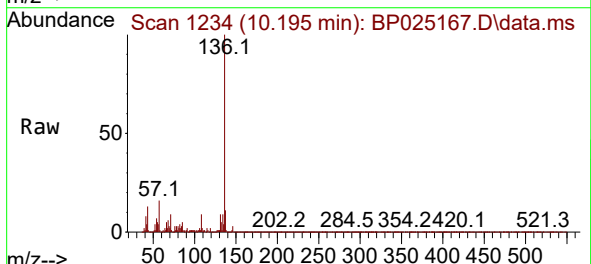
Instrument :
BNA_P
ClientSampleId :
AU-06-071125

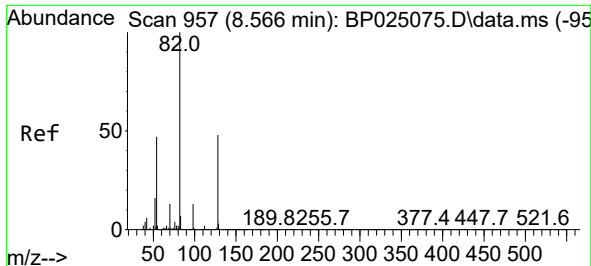
Tgt Ion: 99	Resp: 635818
Ion Ratio	Lower Upper
99 100	
42 16.4	13.6 20.4
71 33.8	24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.195 min Scan# 1234
Delta R.T. 0.012 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

Tgt Ion:136	Resp: 2577975		
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	6.8	5.4	8.2
68	5.8	4.5	6.7

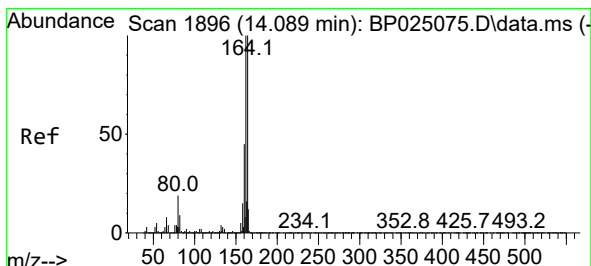
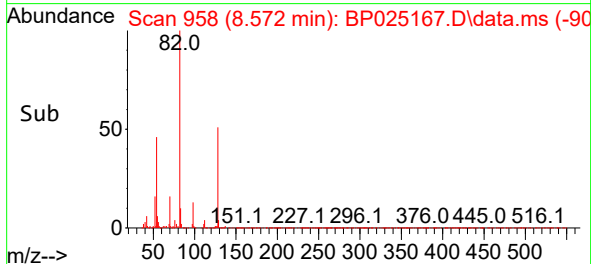
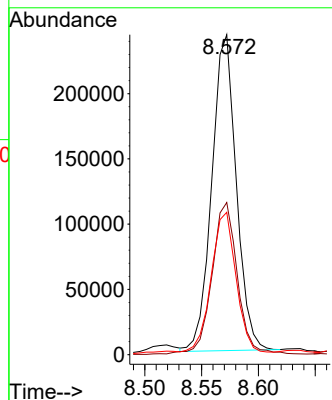
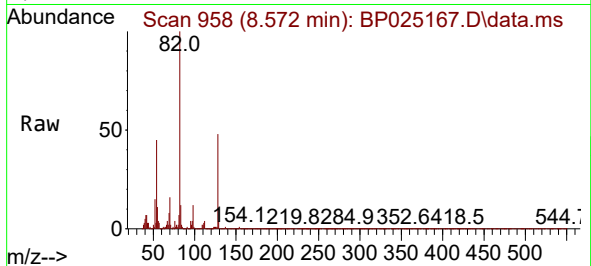




#23
Nitrobenzene-d5
Concen: 9.367 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

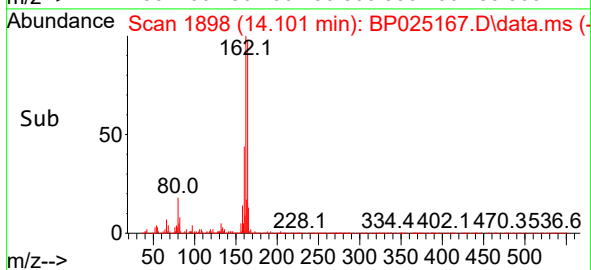
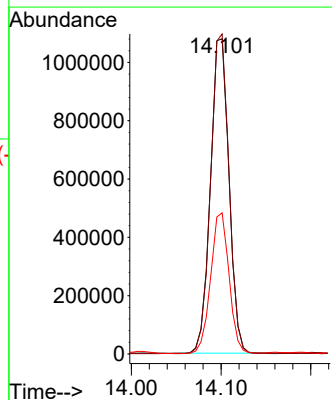
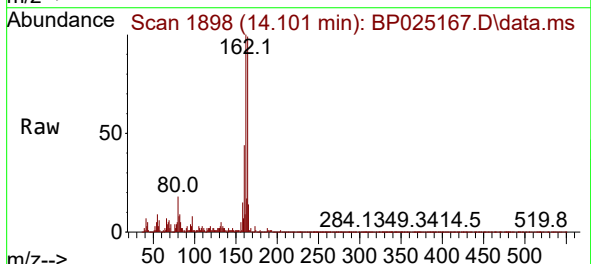
Instrument :
BNA_P
ClientSampleId :
AU-06-071125

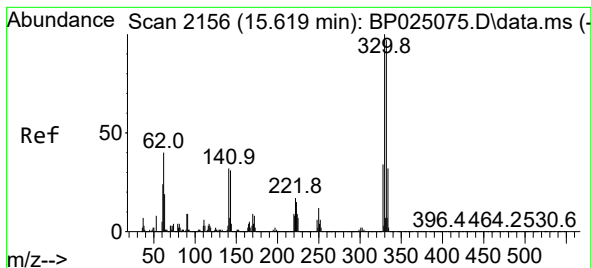
Tgt Ion: 82 Resp: 363081
Ion Ratio Lower Upper
82 100
128 47.5 38.4 57.6
54 44.5 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.101 min Scan# 1898
Delta R.T. 0.012 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

Tgt Ion:164 Resp: 1547999
Ion Ratio Lower Upper
164 100
162 101.5 80.3 120.5
160 44.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 15.560 ng

RT: 15.625 min Scan# 2156

Delta R.T. 0.006 min

Lab File: BP025167.D

Acq: 16 Jul 2025 21:04

Instrument :

BNA_P

ClientSampleId :

AU-06-071125

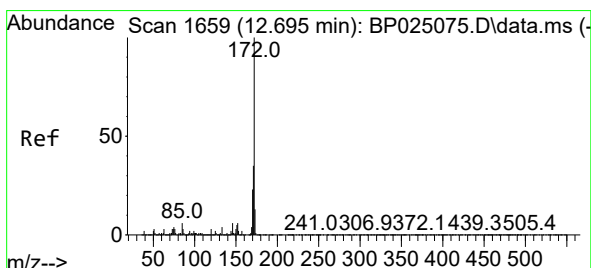
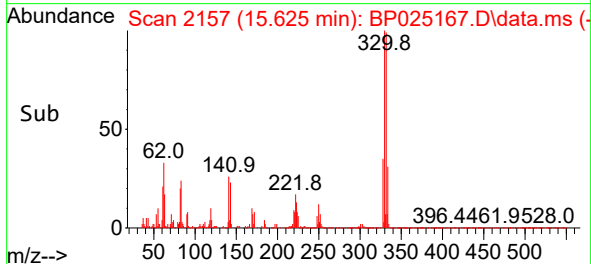
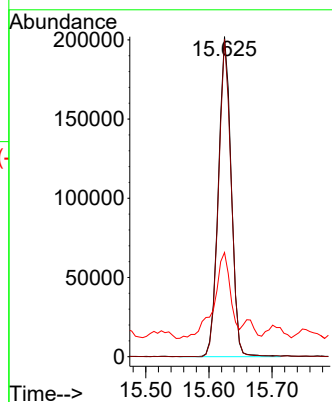
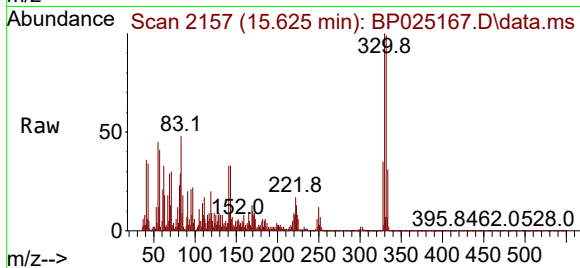
Tgt Ion:330 Resp: 284538

Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

141 34.4 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 9.496 ng

RT: 12.695 min Scan# 1659

Delta R.T. -0.000 min

Lab File: BP025167.D

Acq: 16 Jul 2025 21:04

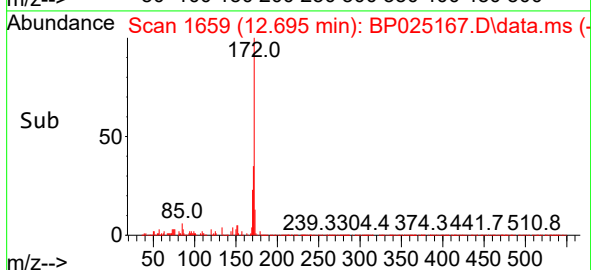
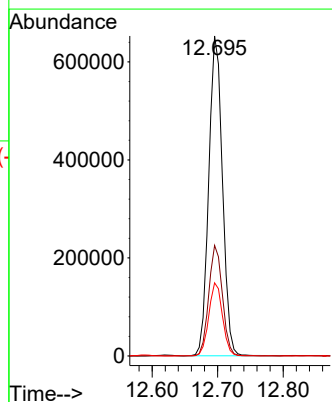
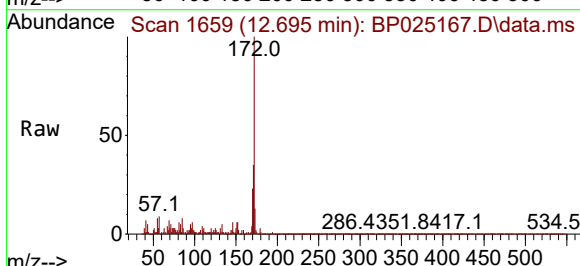
Tgt Ion:172 Resp: 948919

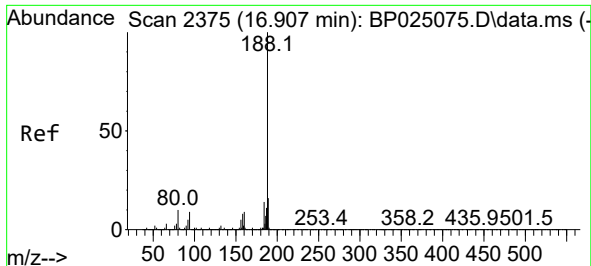
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 22.9 18.7 28.1

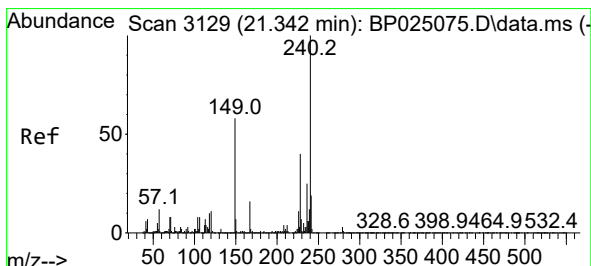
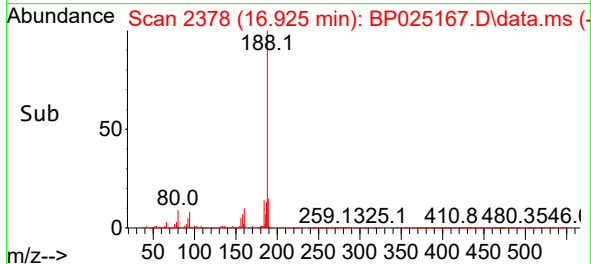
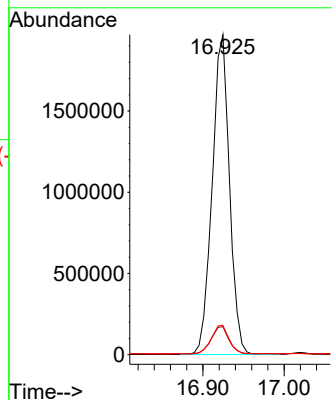
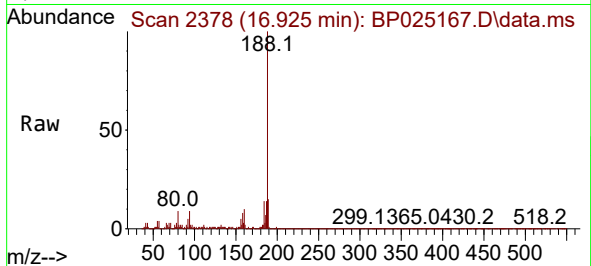




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.925 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

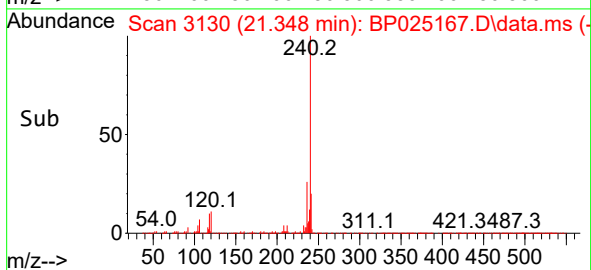
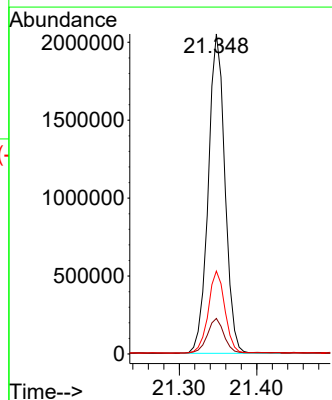
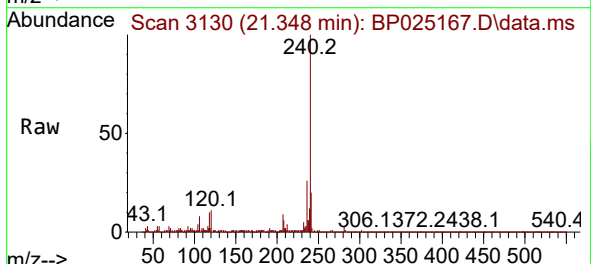
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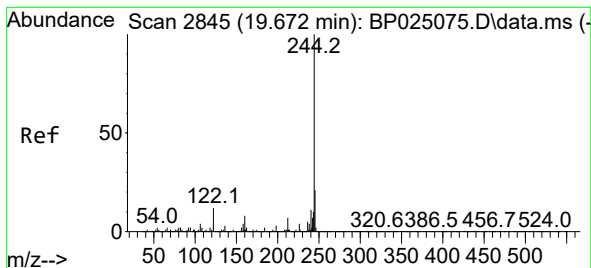
Tgt Ion:188 Resp: 2910089
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 9.2 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025167.D
Acq: 16 Jul 2025 21:04

Tgt Ion:240 Resp: 3063338
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.9 20.3 30.5





#79

Terphenyl-d14

Concen: 9.809 ng

RT: 19.677 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025167.D

Acq: 16 Jul 2025 21:04

Instrument :

BNA_P

ClientSampleId :

AU-06-071125

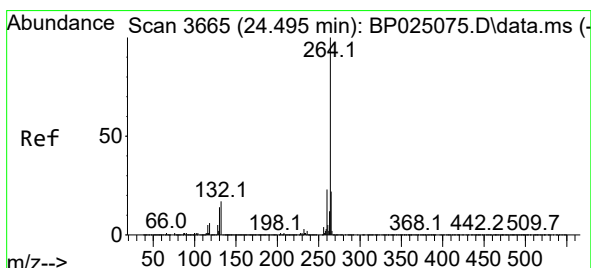
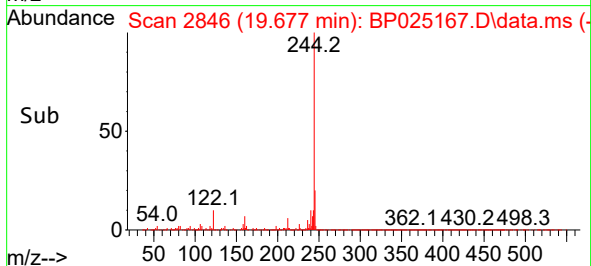
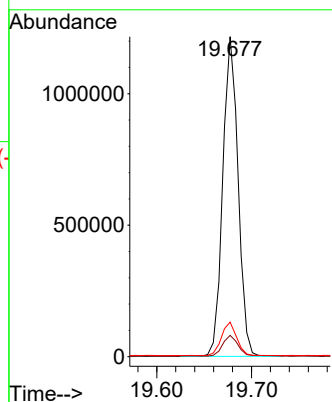
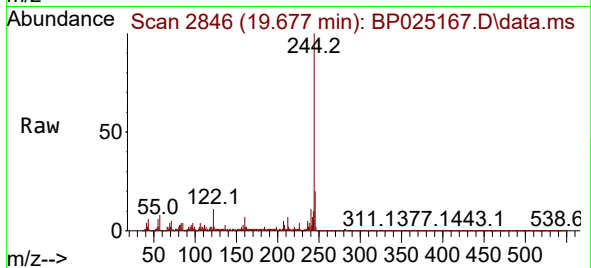
Tgt Ion:244 Resp: 1367191

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

122 10.8 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.512 min Scan# 3668

Delta R.T. 0.018 min

Lab File: BP025167.D

Acq: 16 Jul 2025 21:04

Tgt Ion:264 Resp: 3652410

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 22.2 17.7 26.5

