

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025086.D
 Acq On : 10 Jul 2025 16:57
 Operator : CG/JU
 Sample : Q2524-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OLD RETENTION BASIN 40TH

Quant Time: Jul 10 17:21:39 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	7.437	152	602912	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2460428	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1607858	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	3360998	20.000	ng	-0.01
76) Chrysene-d12	21.336	240	3719680	20.000	ng	0.00
86) Perylene-d12	24.477	264	4074446	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2456865	72.203	ng	0.00
7) Phenol-d6	6.631	99	3399212	76.550	ng	0.00
23) Nitrobenzene-d5	8.566	82	2139789	57.838	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1465486	77.154	ng	0.00
45) 2-Fluorobiphenyl	12.689	172	6020432	58.007	ng	0.00
79) Terphenyl-d14	19.677	244	10659521	62.982	ng	0.00

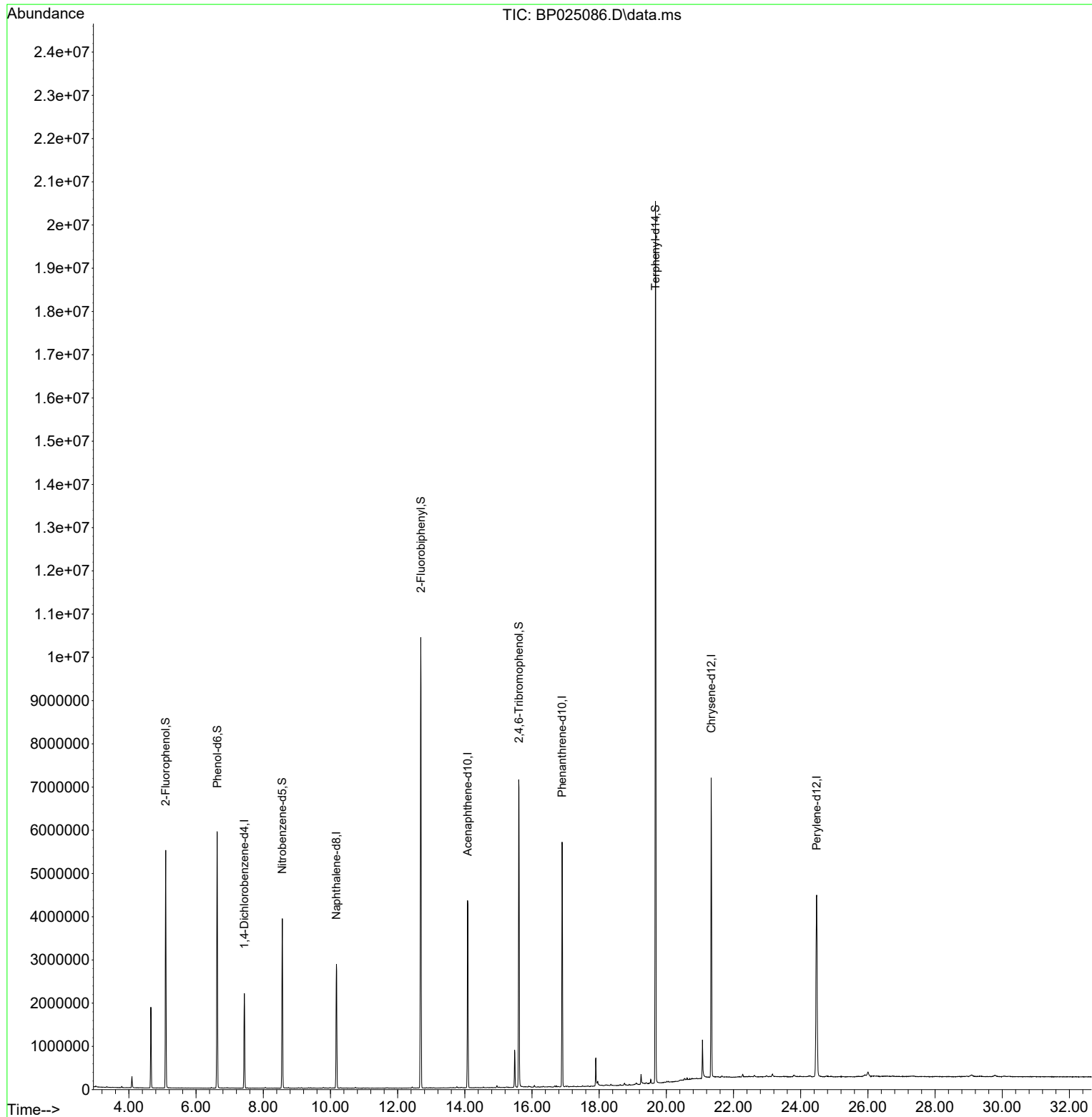
Target Compounds	Qvalue

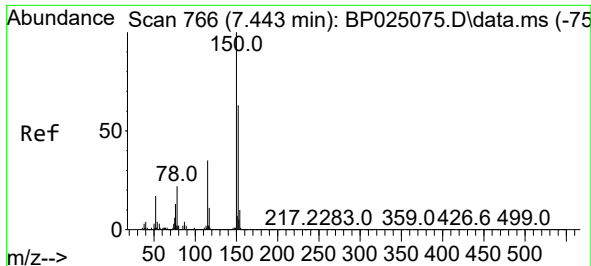
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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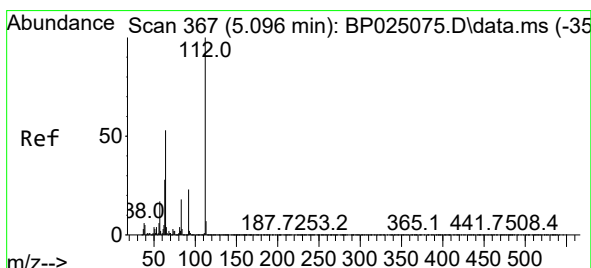
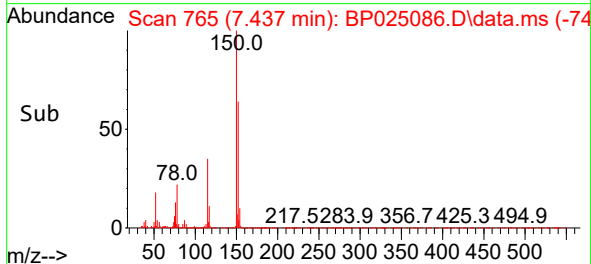
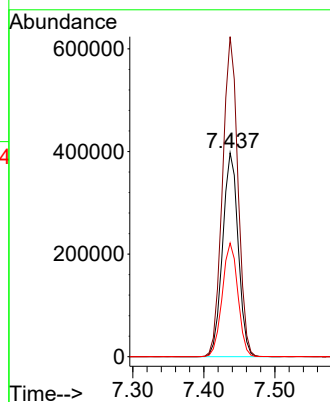
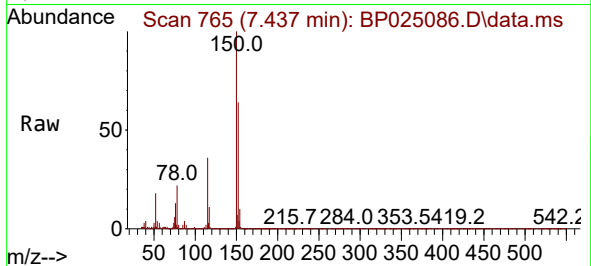




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 765
Delta R.T. -0.006 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

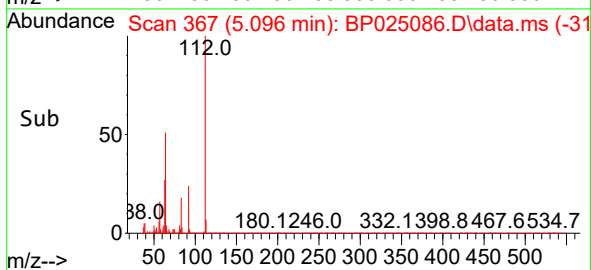
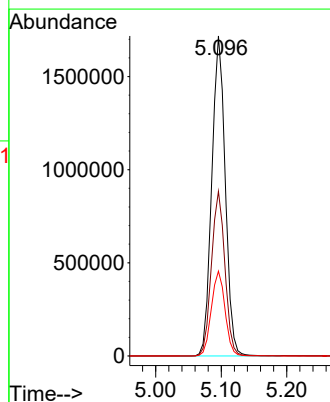
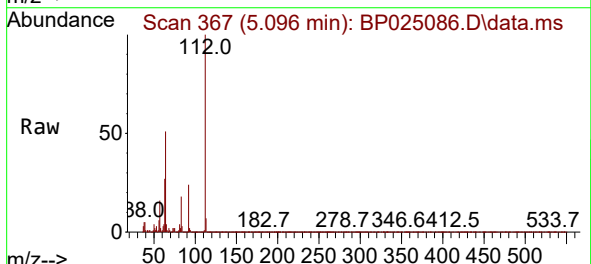
Instrument :
BNA_P
ClientSampleId :
OLD RETENTION BASIN 40TH

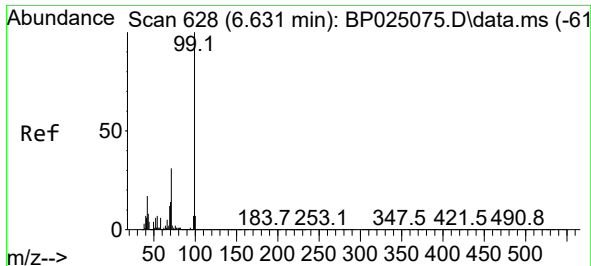
Tgt Ion:152 Resp: 602912
Ion Ratio Lower Upper
152 100
150 157.0 126.1 189.1
115 55.8 44.3 66.5



#5
2-Fluorophenol
Concen: 72.203 ng
RT: 5.096 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

Tgt Ion:112 Resp: 2456865
Ion Ratio Lower Upper
112 100
64 51.5 42.0 63.0
63 26.5 22.2 33.2



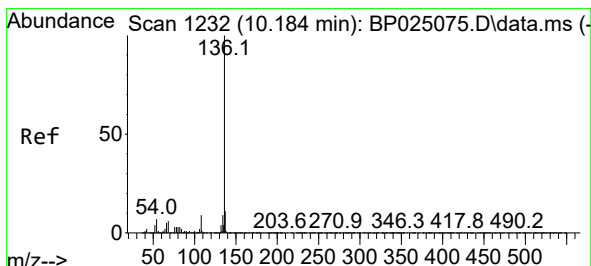
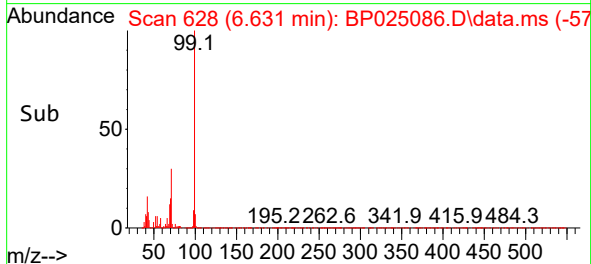
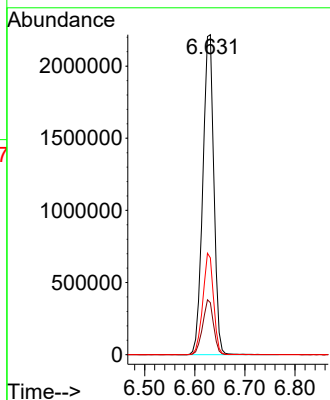
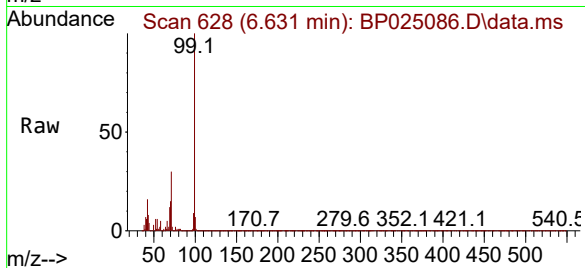


#7
Phenol-d6
Concen: 76.550 ng
RT: 6.631 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

Instrument :
BNA_P
ClientSampleId :
OLD RETENTION BASIN 40TH

Tgt Ion: 99 Resp: 3399212

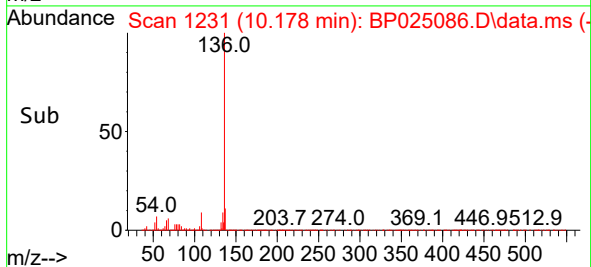
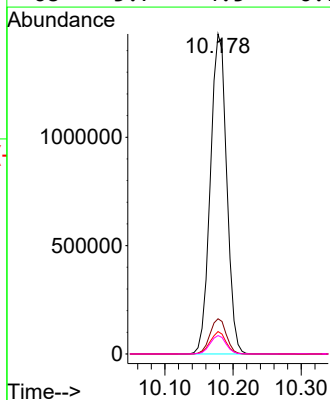
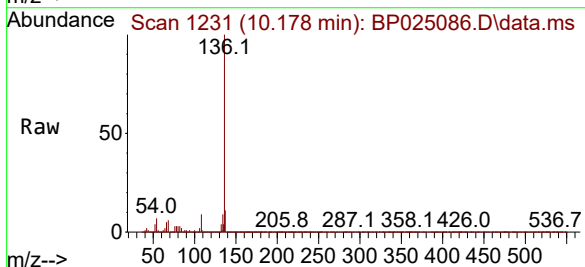
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	30.3	24.4	36.6

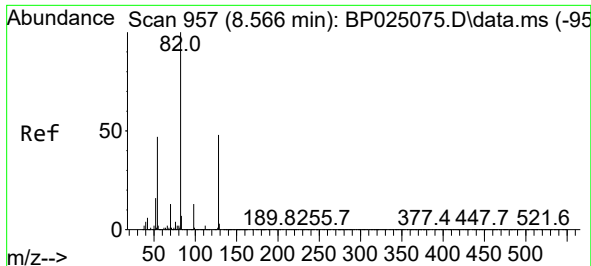


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

Tgt Ion:136 Resp: 2460428

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.0	5.4	8.2
68	5.7	4.5	6.7

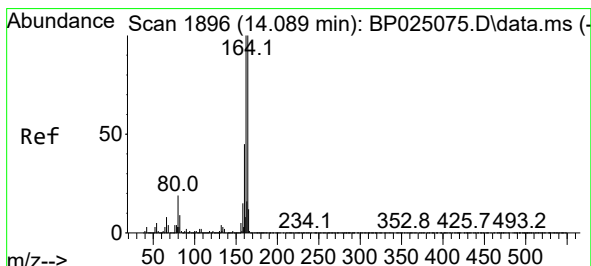
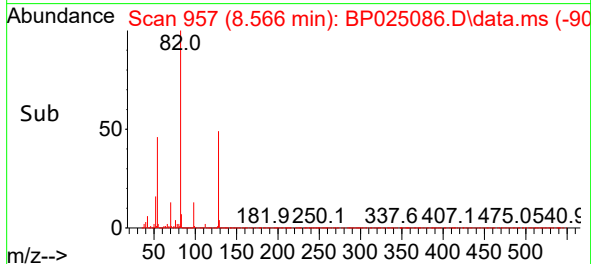
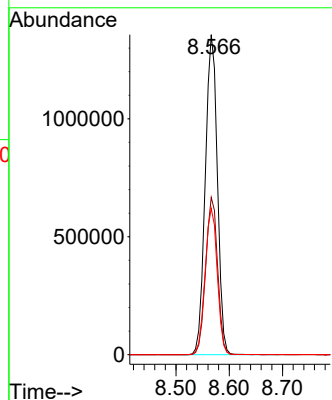
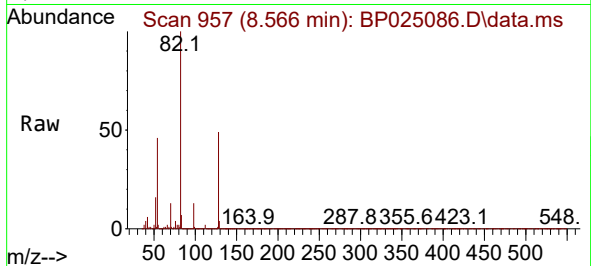




#23
Nitrobenzene-d5
Concen: 57.838 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

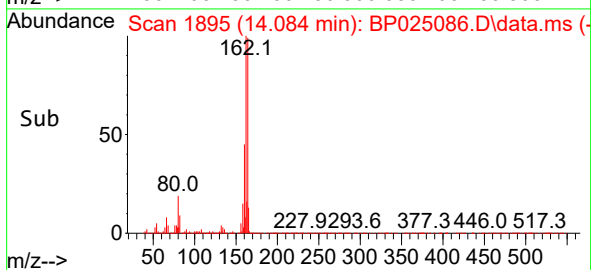
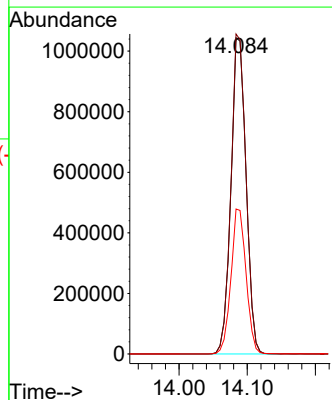
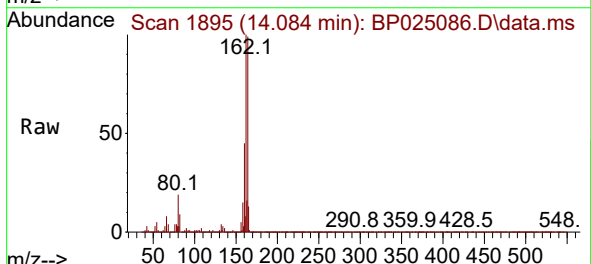
Instrument :
BNA_P
ClientSampleId :
OLD RETENTION BASIN 40TH

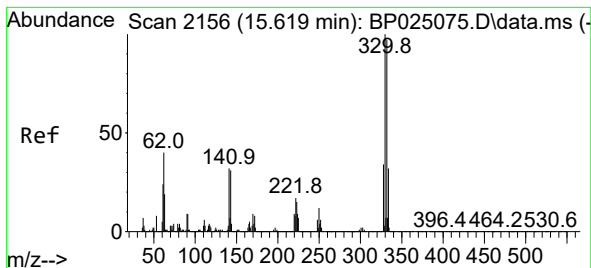
Tgt Ion: 82 Resp: 2139789
Ion Ratio Lower Upper
82 100
128 49.1 38.4 57.6
54 45.7 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

Tgt Ion:164 Resp: 1607858
Ion Ratio Lower Upper
164 100
162 101.2 80.3 120.5
160 45.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 77.154 ng

RT: 15.613 min Scan# 2156

Delta R.T. -0.006 min

Lab File: BP025086.D

Acq: 10 Jul 2025 16:57

Instrument :

BNA_P

ClientSampleId :

OLD RETENTION BASIN 40TH

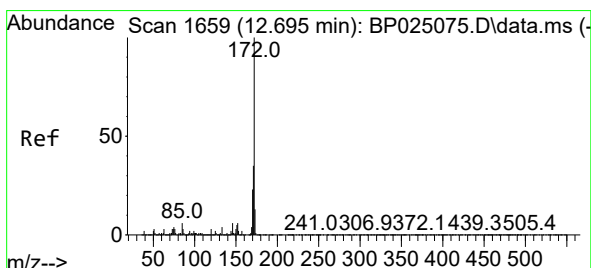
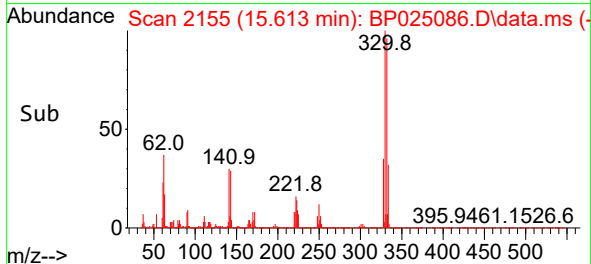
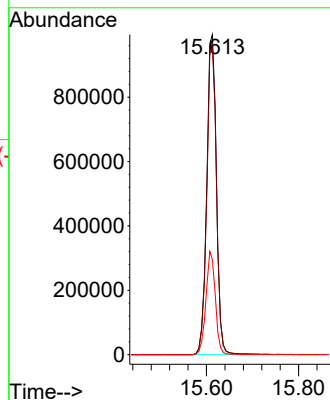
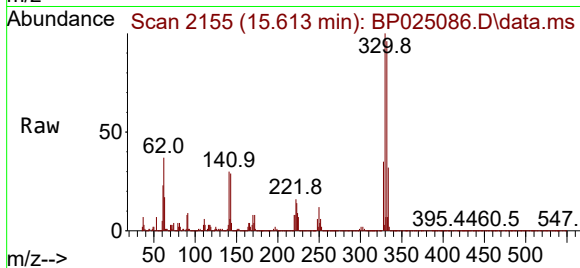
Tgt Ion:330 Resp: 1465486

Ion Ratio Lower Upper

330 100

332 96.6 77.7 116.5

141 31.4 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 58.007 ng

RT: 12.689 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP025086.D

Acq: 10 Jul 2025 16:57

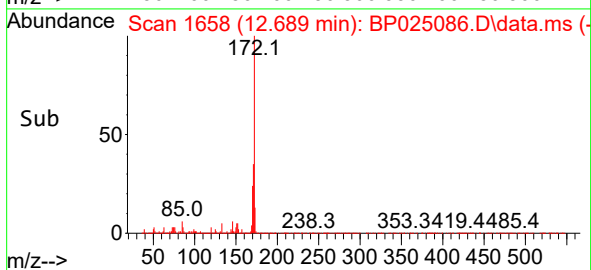
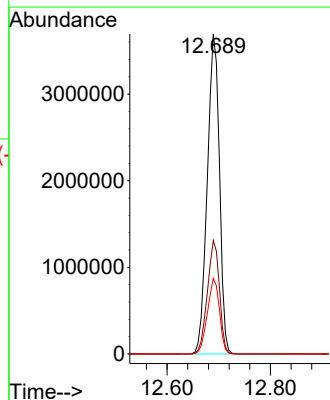
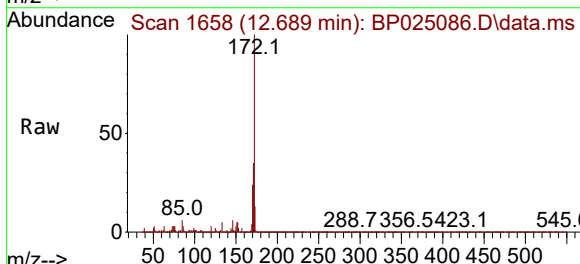
Tgt Ion:172 Resp: 6020432

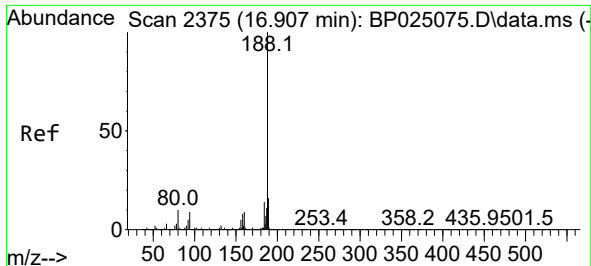
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.6 18.7 28.1

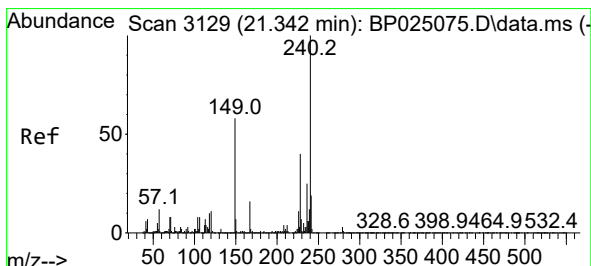
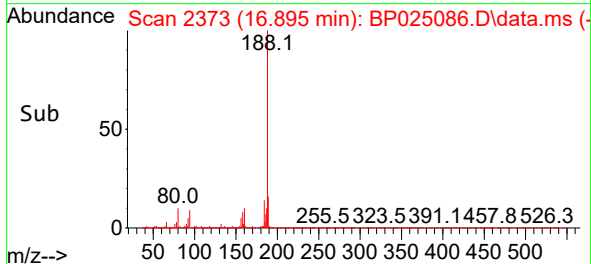
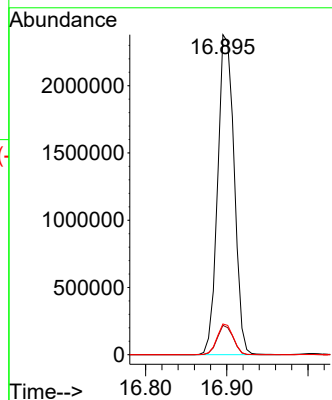
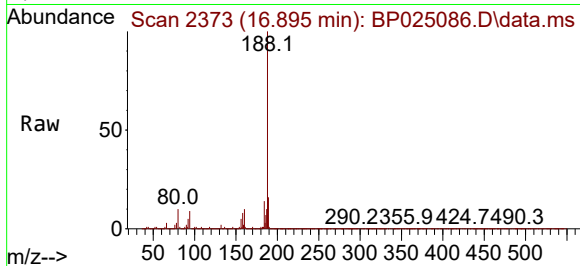




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

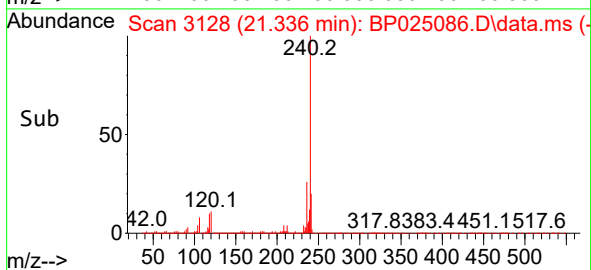
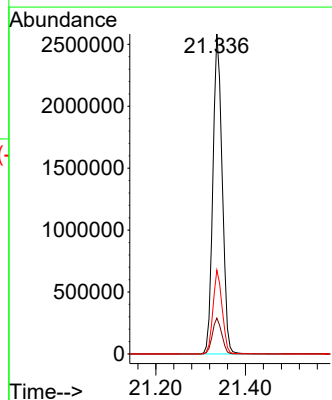
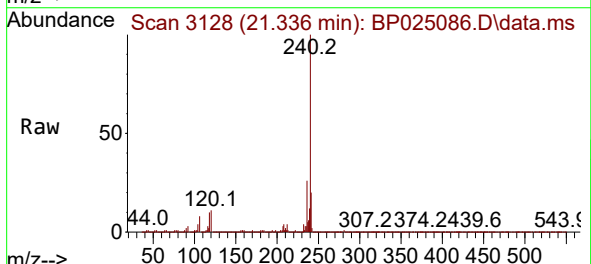
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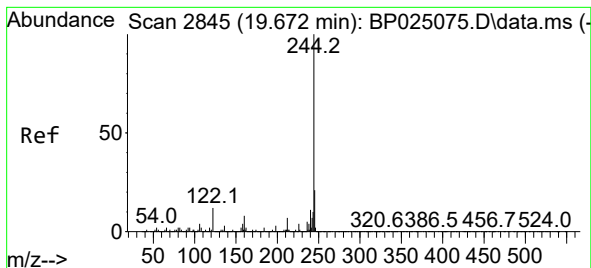
Tgt Ion:188 Resp: 3360998
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 9.6 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025086.D
Acq: 10 Jul 2025 16:57

Tgt Ion:240 Resp: 3719680
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.4
236 26.2 20.3 30.5





#79

Terphenyl-d14

Concen: 62.982 ng

RT: 19.677 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025086.D

Acq: 10 Jul 2025 16:57

Instrument :

BNA_P

ClientSampleId :

OLD RETENTION BASIN 40TH

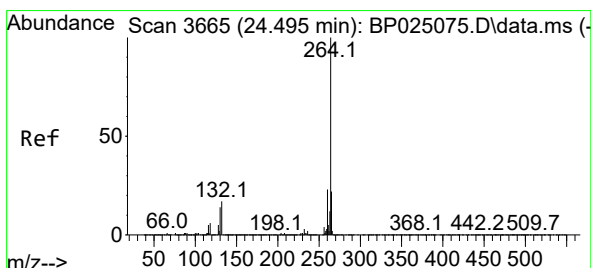
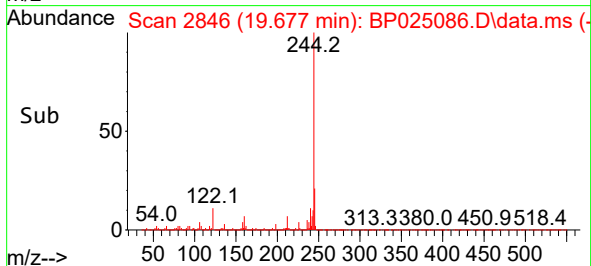
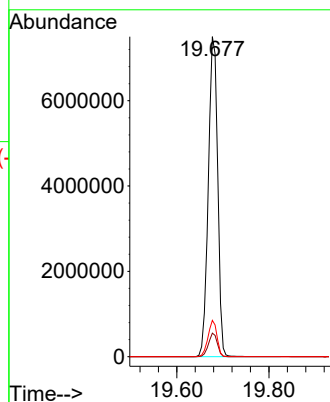
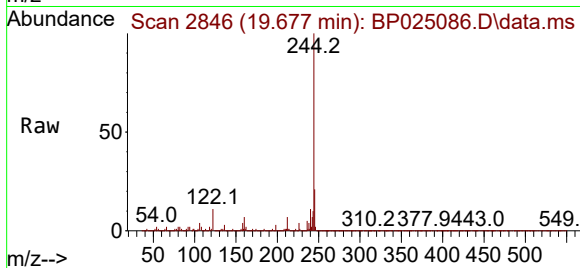
Tgt Ion:244 Resp:10659521

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 11.4 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.477 min Scan# 3662

Delta R.T. -0.018 min

Lab File: BP025086.D

Acq: 10 Jul 2025 16:57

Tgt Ion:264 Resp: 4074446

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.4 17.7 26.5

