

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025088.D
Acq On : 10 Jul 2025 18:21
Operator : CG/JU
Sample : Q2529-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-30

Quant Time: Jul 11 02:31:09 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	546199	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2144557	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1342160	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2785698	20.000	ng	-0.01
76) Chrysene-d12	21.342	240	3238763	20.000	ng	0.00
86) Perylene-d12	24.483	264	3650800	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2676751	86.833	ng	0.00
7) Phenol-d6	6.631	99	3389694	84.262	ng	0.00
23) Nitrobenzene-d5	8.566	82	1942959	60.253	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1643755	103.672	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	5031985	58.081	ng	-0.01
79) Terphenyl-d14	19.678	244	8928169	60.586	ng	0.00

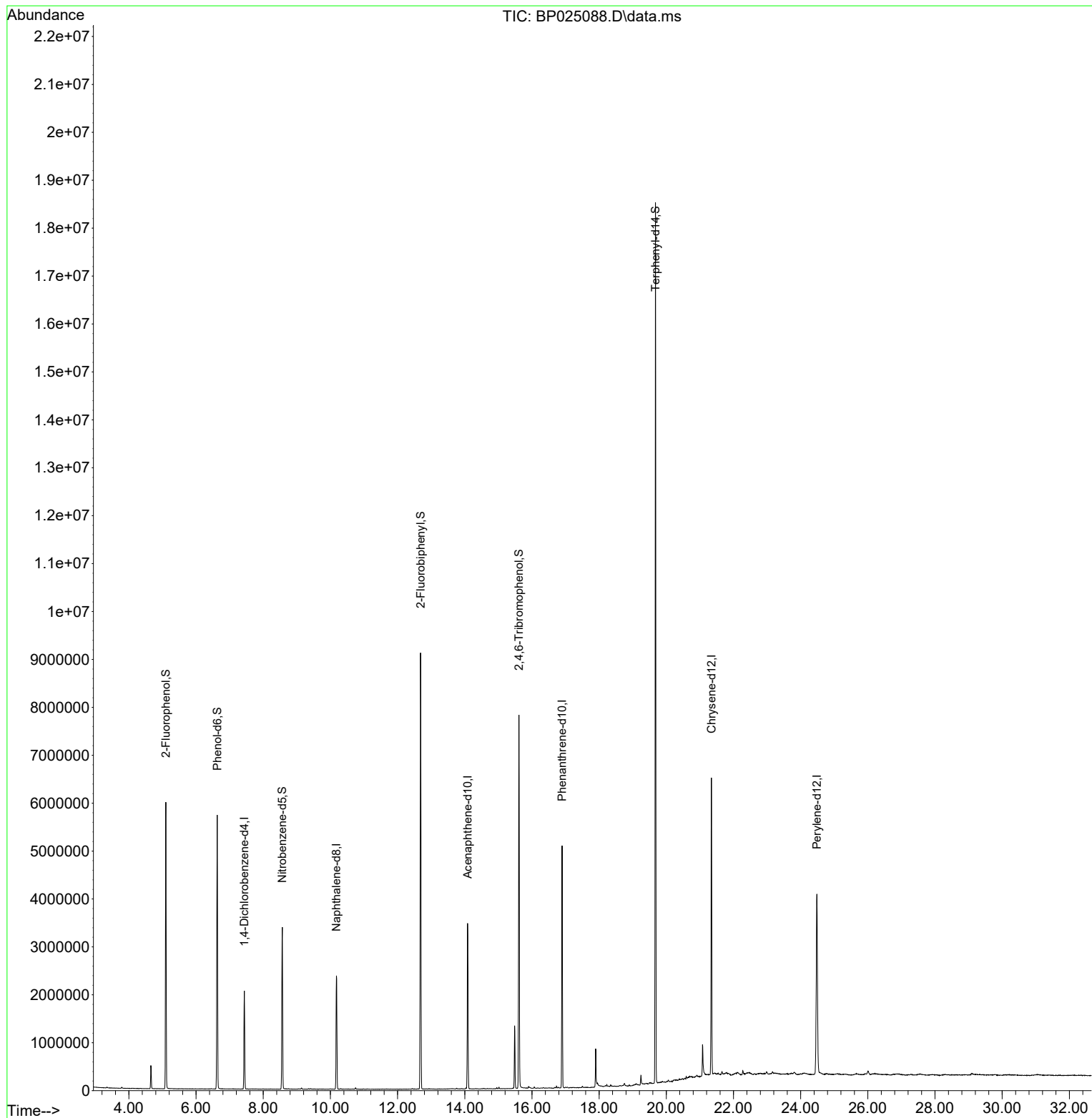
Target Compounds	Qvalue

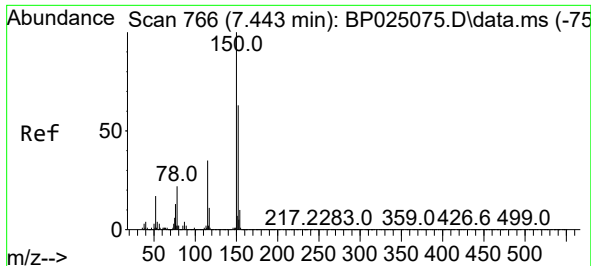
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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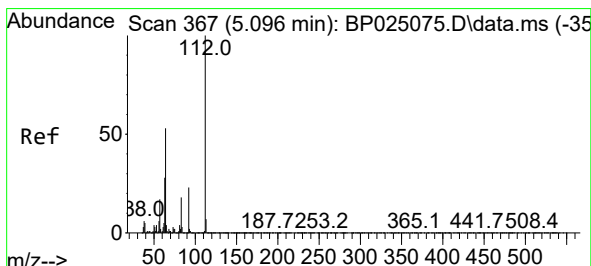
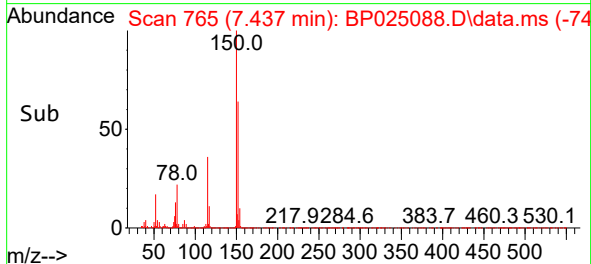
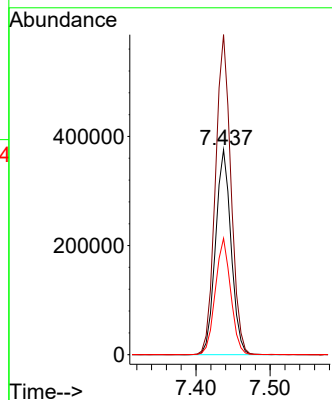
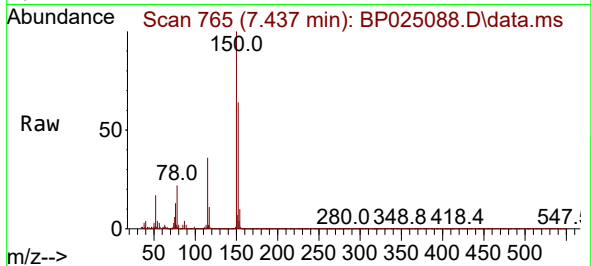




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 766
Delta R.T. -0.006 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

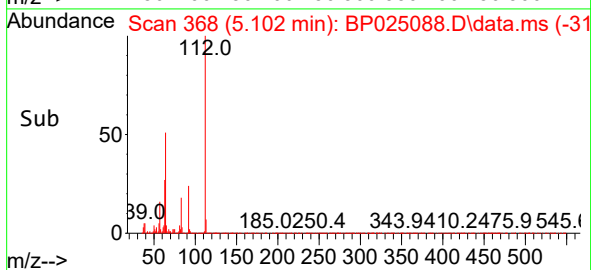
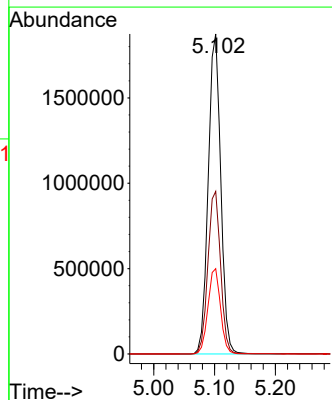
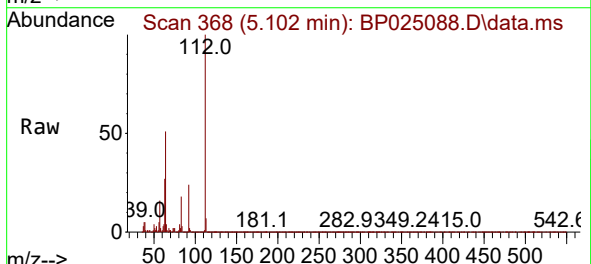
Instrument :
BNA_P
ClientSampleId :
TP-30

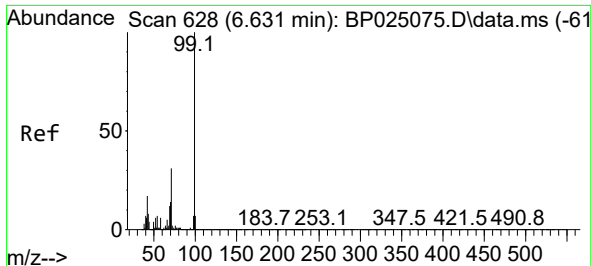
Tgt Ion:152 Resp: 546199
Ion Ratio Lower Upper
152 100
150 156.1 126.1 189.1
115 56.7 44.3 66.5



#5
2-Fluorophenol
Concen: 86.833 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion:112 Resp: 2676751
Ion Ratio Lower Upper
112 100
64 50.8 42.0 63.0
63 26.7 22.2 33.2

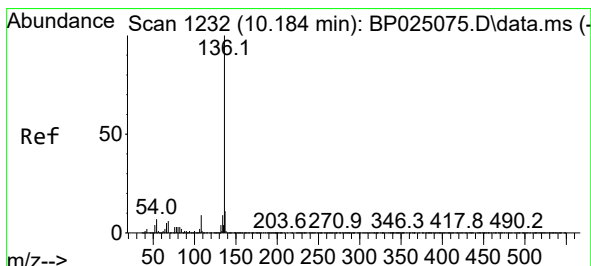
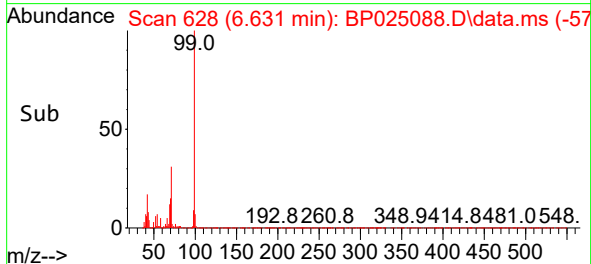
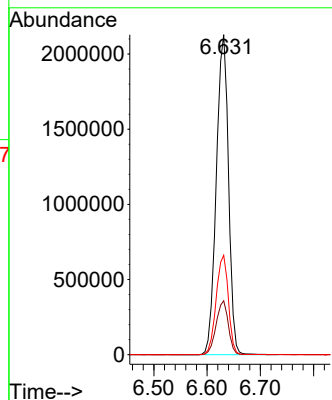
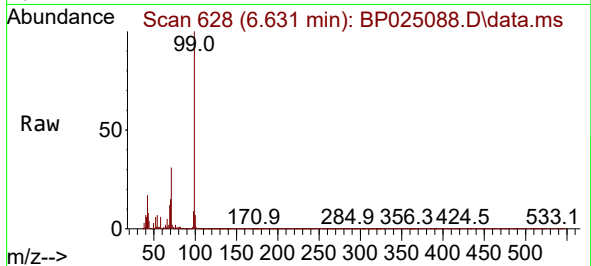




#7
Phenol-d6
Concen: 84.262 ng
RT: 6.631 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

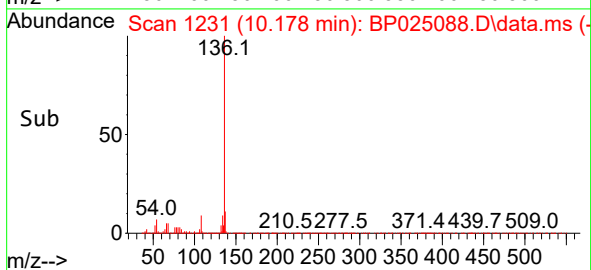
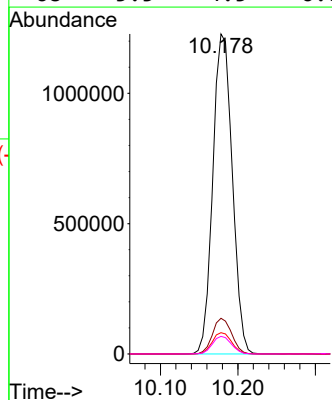
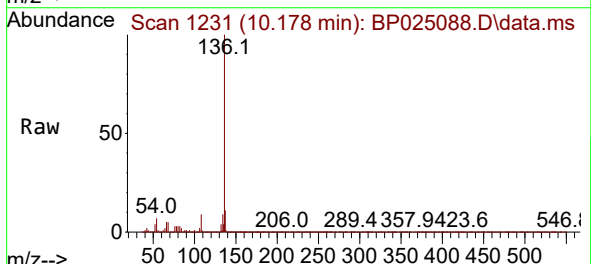
Instrument :
BNA_P
ClientSampleId :
TP-30

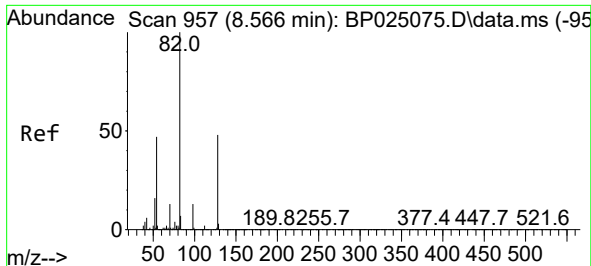
Tgt Ion: 99 Resp: 3389694
Ion Ratio Lower Upper
99 100
42 16.8 13.6 20.4
71 31.0 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion:136 Resp: 2144557
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.6 5.4 8.2
68 5.5 4.5 6.7

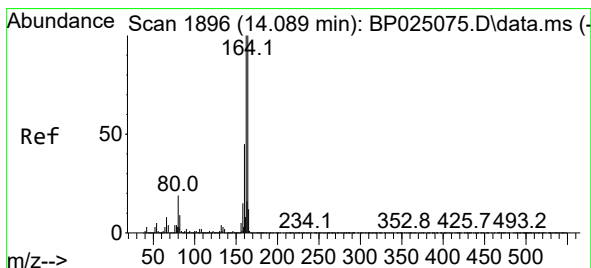
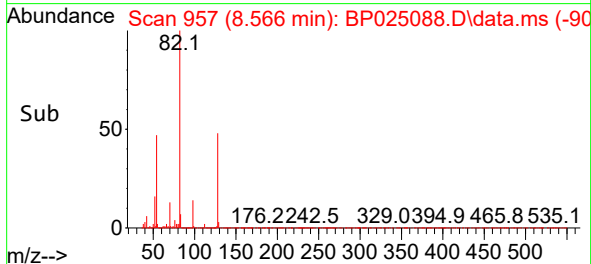
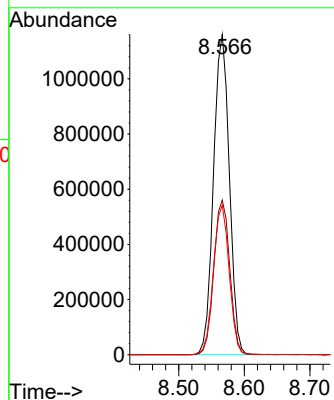
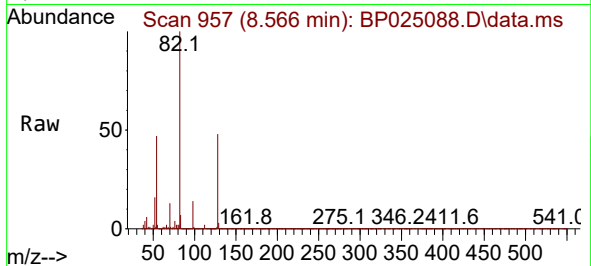




#23
 Nitrobenzene-d5
 Concen: 60.253 ng
 RT: 8.566 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BP025088.D
 Acq: 10 Jul 2025 18:21

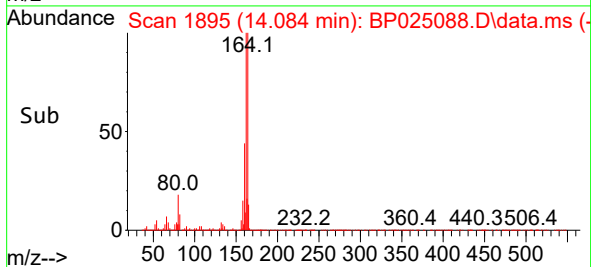
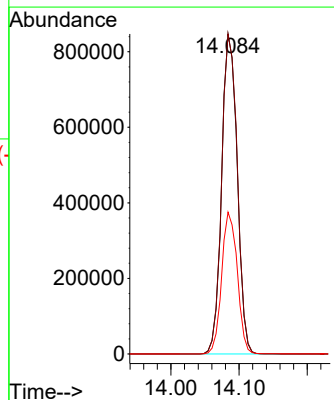
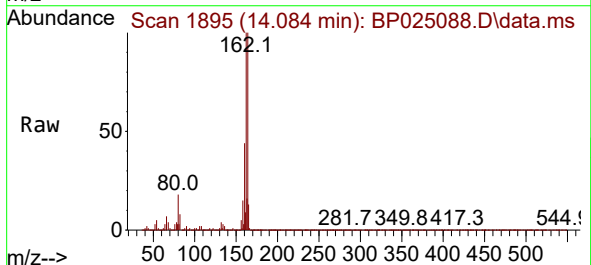
Instrument :
 BNA_P
 ClientSampleId :
 TP-30

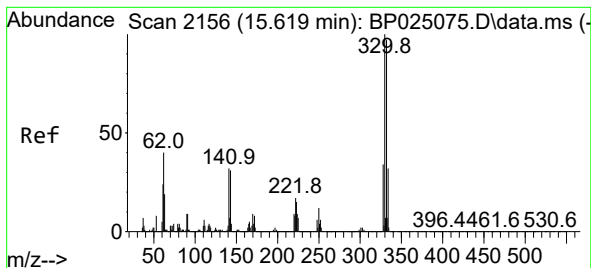
Tgt Ion: 82 Resp: 1942959
 Ion Ratio Lower Upper
 82 100
 128 48.3 38.4 57.6
 54 46.7 37.8 56.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.084 min Scan# 1895
 Delta R.T. -0.005 min
 Lab File: BP025088.D
 Acq: 10 Jul 2025 18:21

Tgt Ion:164 Resp: 1342160
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.3 120.5
 160 44.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 103.672 ng

RT: 15.613 min Scan# 2156

Delta R.T. -0.006 min

Lab File: BP025088.D

Acq: 10 Jul 2025 18:21

Instrument :

BNA_P

ClientSampleId :

TP-30

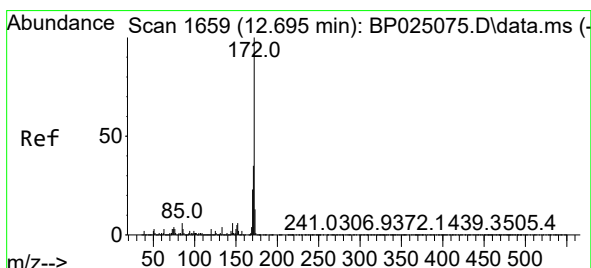
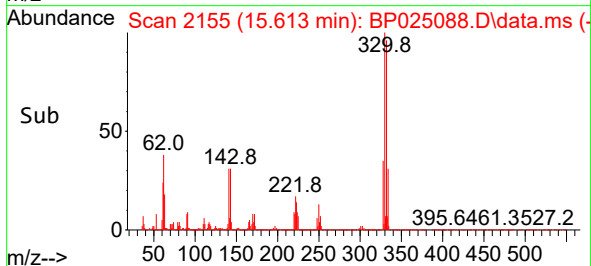
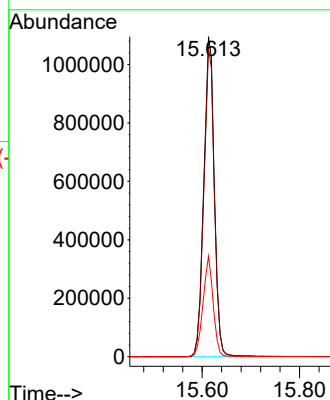
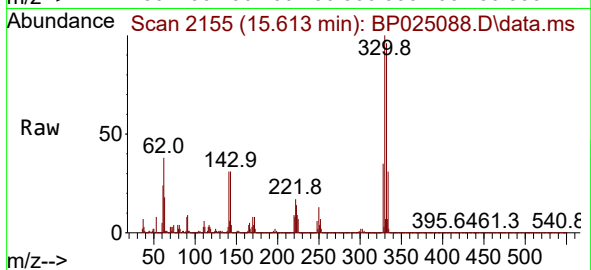
Tgt Ion:330 Resp: 1643755

Ion Ratio Lower Upper

330 100

332 96.1 77.7 116.5

141 30.1 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 58.081 ng

RT: 12.684 min Scan# 1657

Delta R.T. -0.012 min

Lab File: BP025088.D

Acq: 10 Jul 2025 18:21

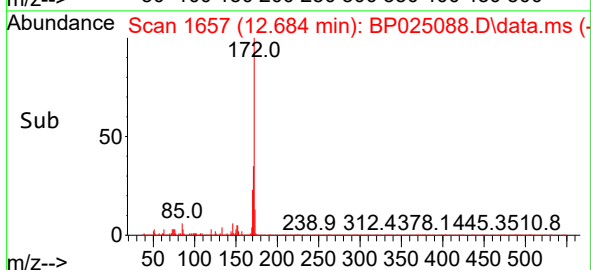
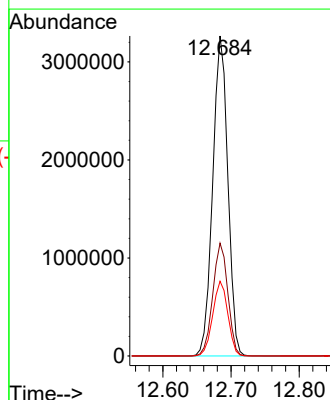
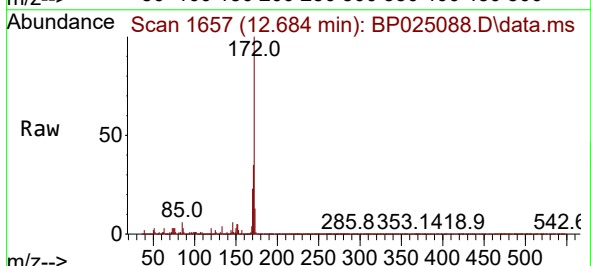
Tgt Ion:172 Resp: 5031985

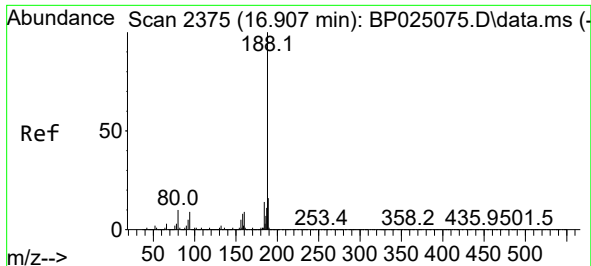
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.3 18.7 28.1

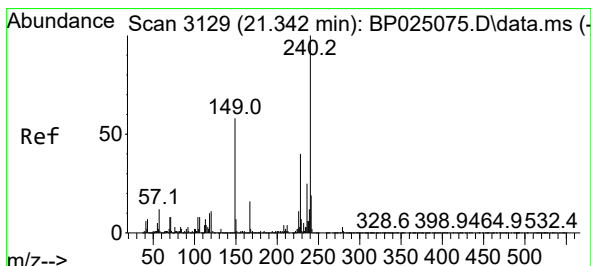
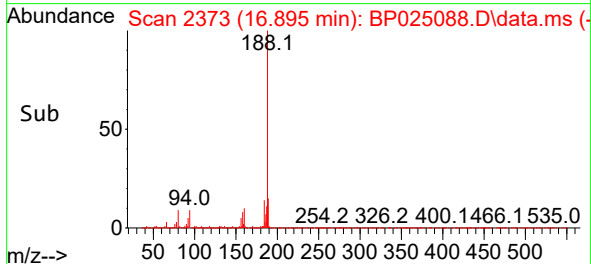
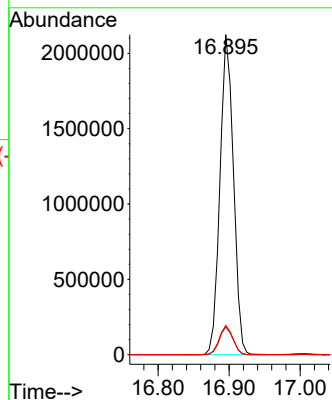
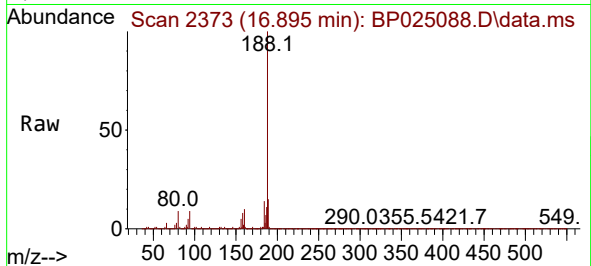




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

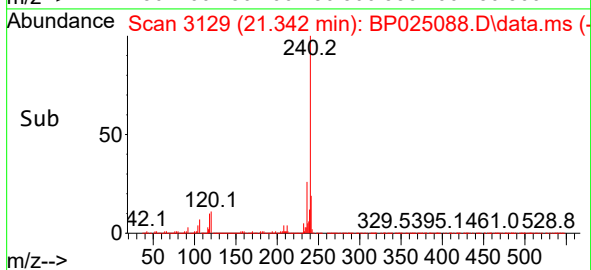
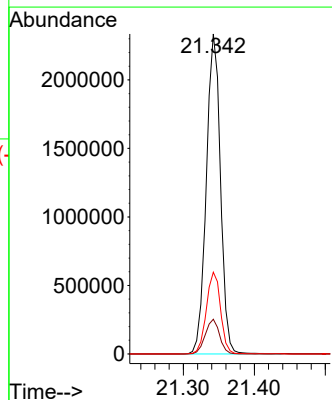
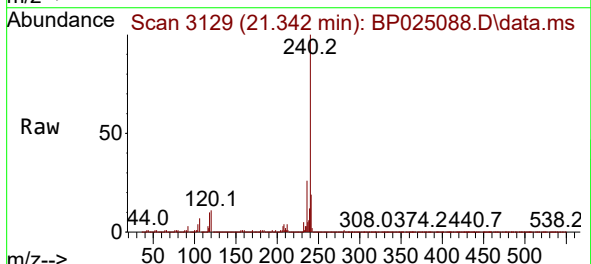
Instrument :
BNA_P
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TP-30

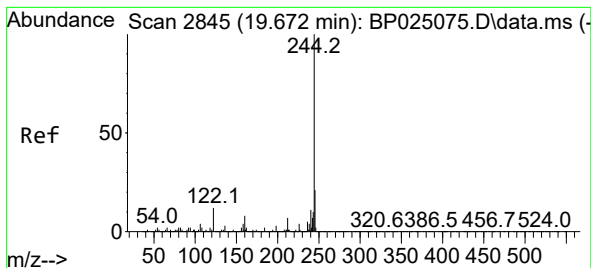
Tgt Ion:188 Resp: 2785698
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 9.1 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion:240 Resp: 3238763
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 60.586 ng

RT: 19.678 min Scan# 2845

Delta R.T. 0.006 min

Lab File: BP025088.D

Acq: 10 Jul 2025 18:21

Instrument :

BNA_P

ClientSampleId :

TP-30

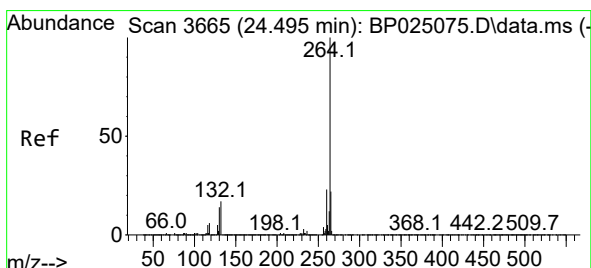
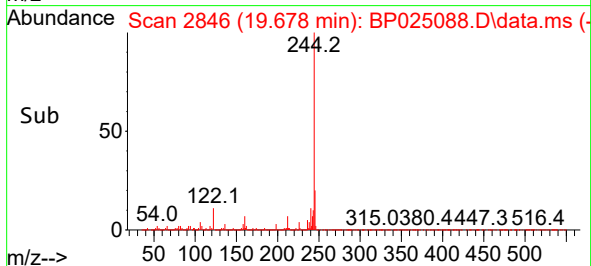
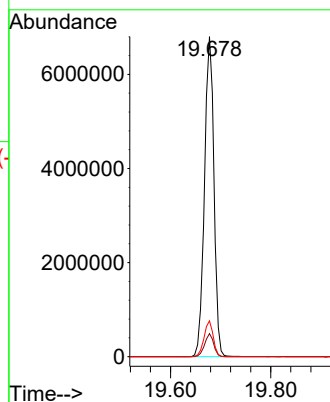
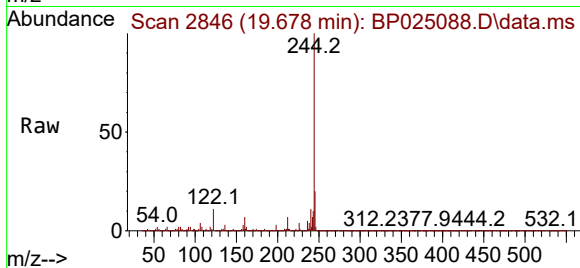
Tgt Ion:244 Resp: 8928169

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.2 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.483 min Scan# 3663

Delta R.T. -0.012 min

Lab File: BP025088.D

Acq: 10 Jul 2025 18:21

Tgt Ion:264 Resp: 3650800

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.7 17.7 26.5

