

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
 Data File : BP024961.D
 Acq On : 16 Jun 2025 15:02
 Operator : RC/JU
 Sample : Q2312-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Jun 16 15:32:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	244922	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	967558	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	626934	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1285684	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1447428	20.000	ng	0.00
86) Perylene-d12	24.748	264	1675847	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1775930	121.034	ng	0.00
7) Phenol-d6	6.819	99	2291761	118.047	ng	0.00
23) Nitrobenzene-d5	8.754	82	1388628	69.740	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	1129236	130.281	ng	-0.01
45) 2-Fluorobiphenyl	12.854	172	2964234	63.694	ng	0.00
79) Terphenyl-d14	19.777	244	4889227	60.540	ng	-0.02

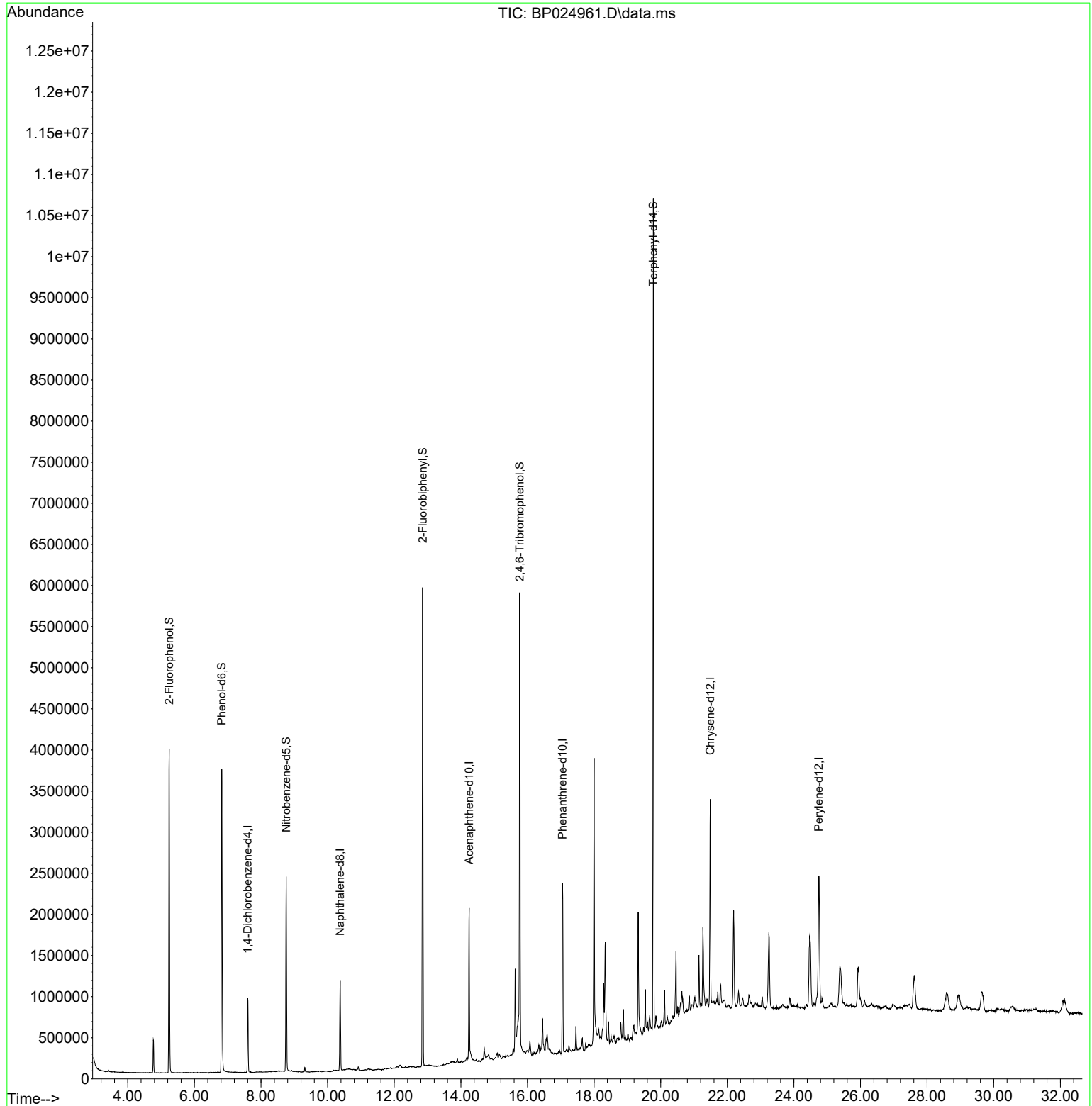
Target Compounds	Qvalue

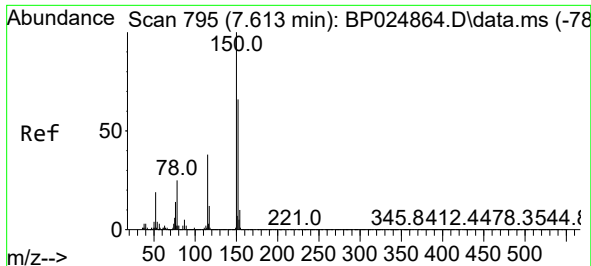
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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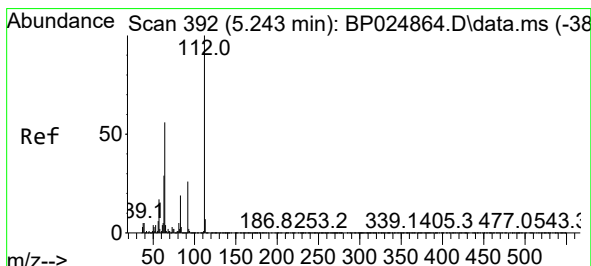
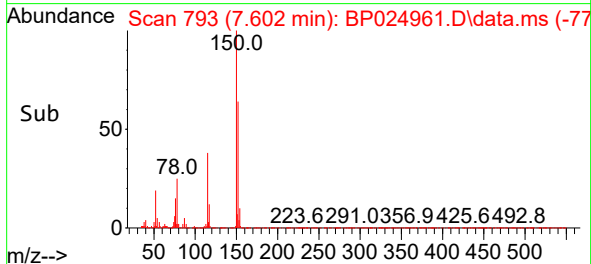
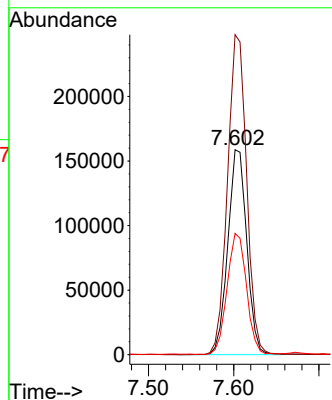
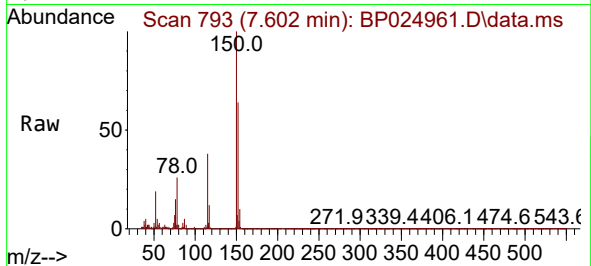




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

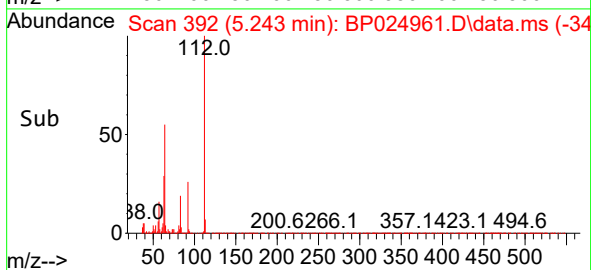
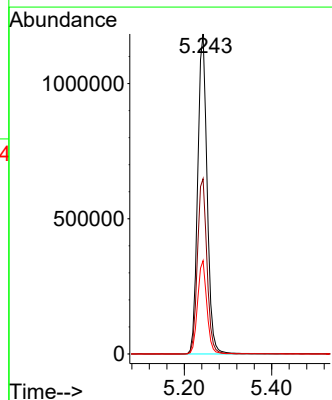
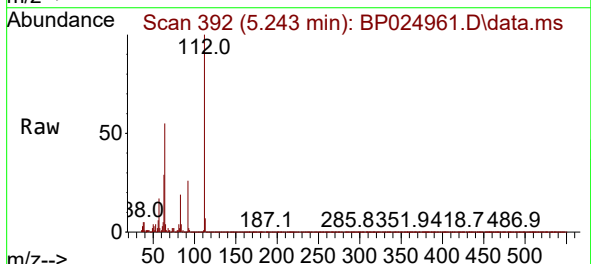
Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 244922
Ion Ratio Lower Upper
152 100
150 156.2 122.1 183.1
115 59.2 46.4 69.6



#5
2-Fluorophenol
Concen: 121.034 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

Tgt Ion:112 Resp: 1775930
Ion Ratio Lower Upper
112 100
64 54.7 44.7 67.1
63 29.2 23.5 35.3

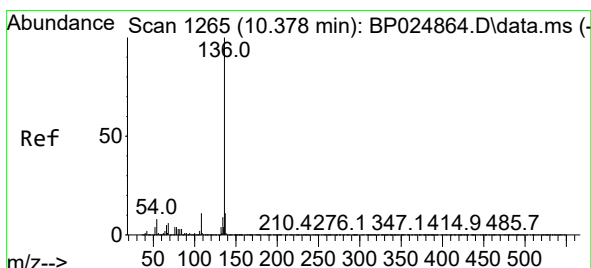
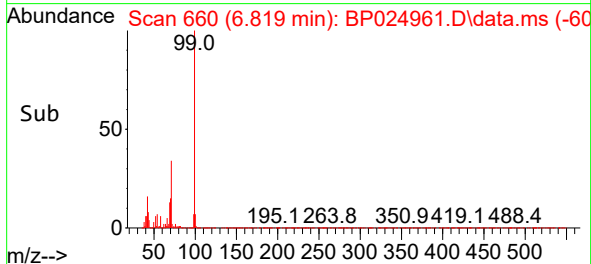
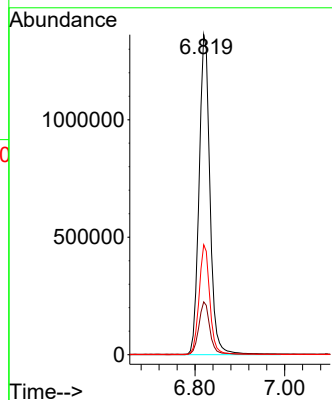
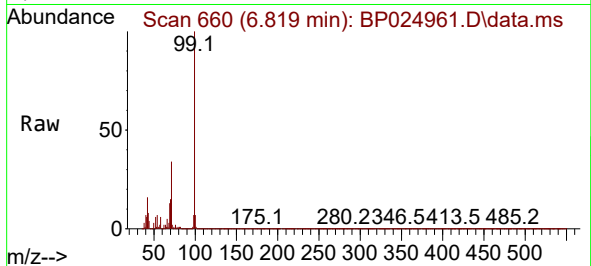




#7
Phenol-d6
Concen: 118.047 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

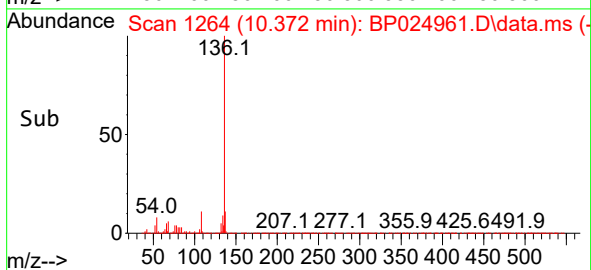
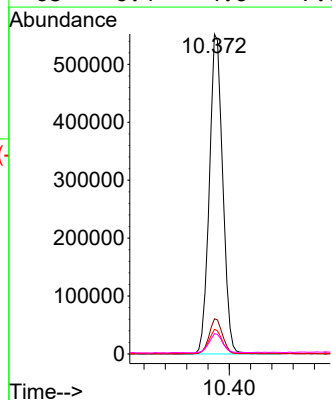
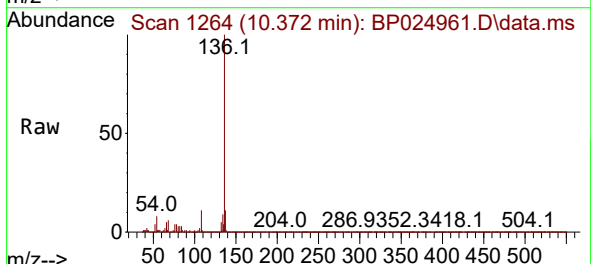
Instrument :
BNA_P
ClientSampleId :
TP-1

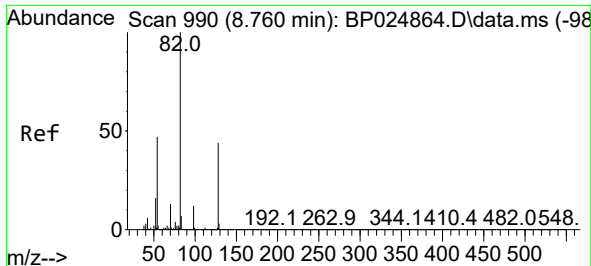
Tgt Ion: 99 Resp: 2291761
Ion Ratio Lower Upper
99 100
42 16.5 13.4 20.2
71 34.4 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

Tgt Ion: 136 Resp: 967558
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.7 6.1 9.1
68 6.4 4.6 7.0

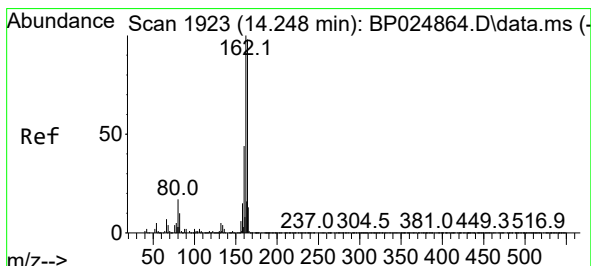
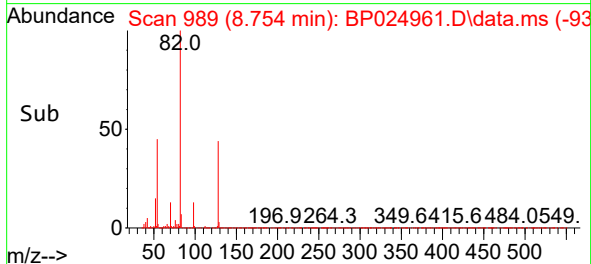
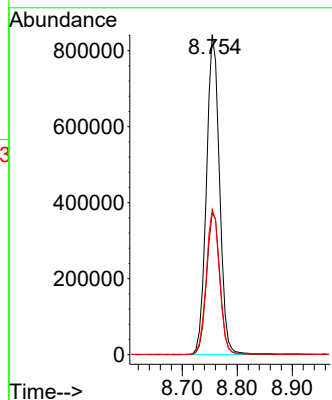
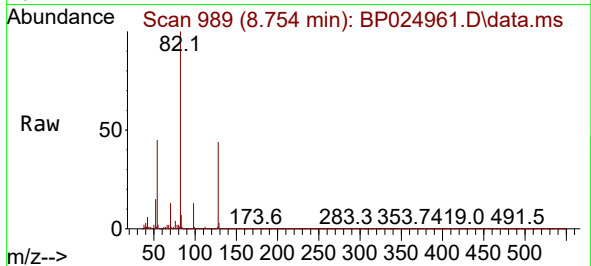




#23
Nitrobenzene-d5
Concen: 69.740 ng
RT: 8.754 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

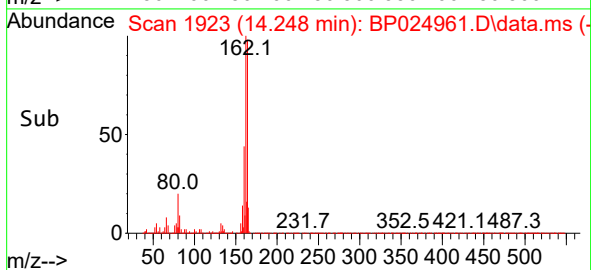
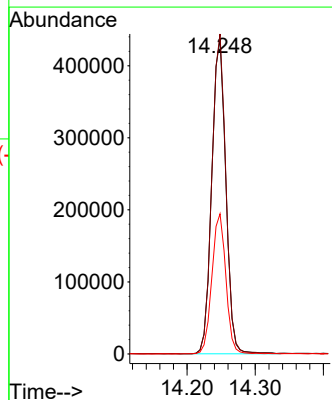
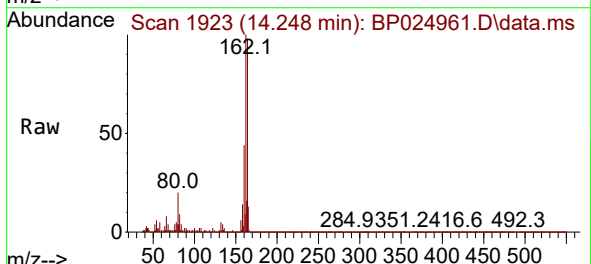
Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 1388628
Ion Ratio Lower Upper
82 100
128 44.2 35.3 52.9
54 45.4 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

Tgt Ion:164 Resp: 626934
Ion Ratio Lower Upper
164 100
162 101.6 81.6 122.4
160 44.5 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 130.281 ng

RT: 15.772 min Scan# 2184

Delta R.T. -0.012 min

Lab File: BP024961.D

Acq: 16 Jun 2025 15:02

Instrument :

BNA_P

ClientSampleId :

TP-1

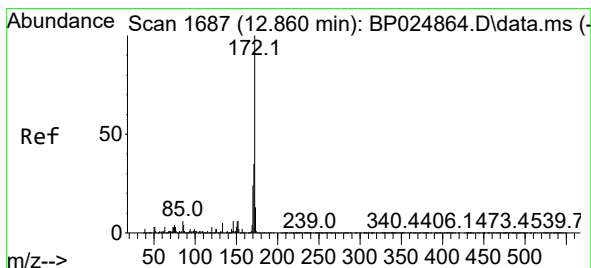
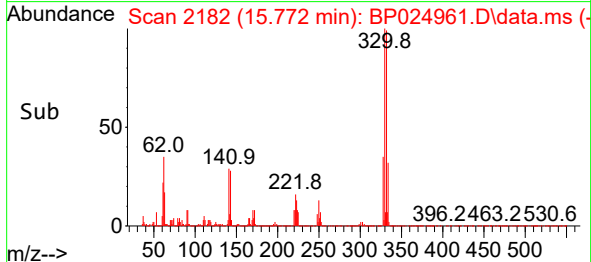
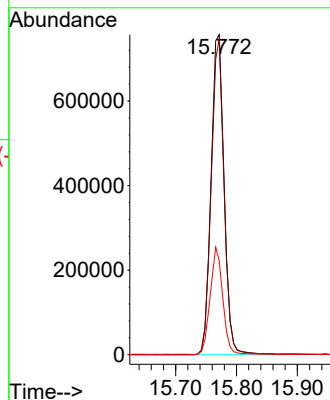
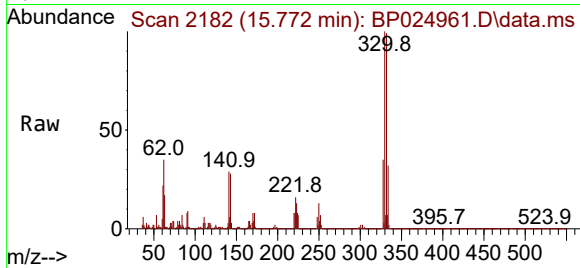
Tgt Ion:330 Resp: 1129236

Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

141 32.3 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 63.694 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024961.D

Acq: 16 Jun 2025 15:02

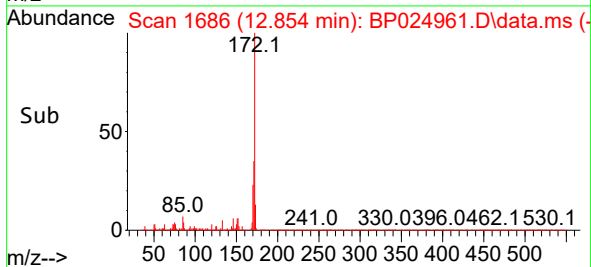
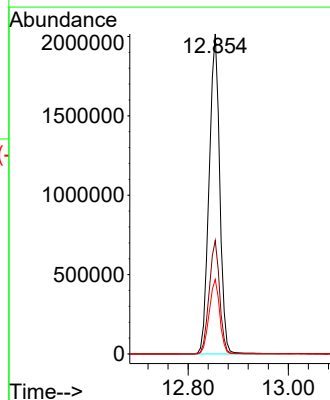
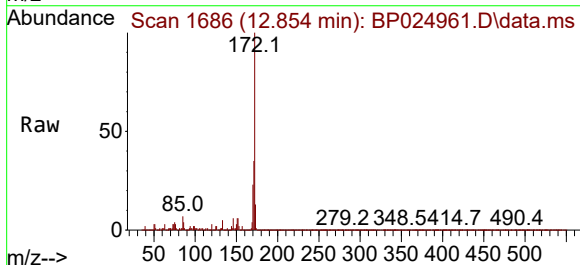
Tgt Ion:172 Resp: 2964234

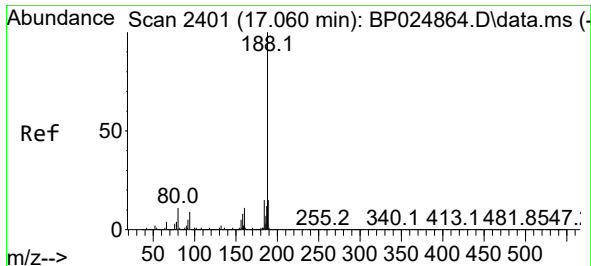
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 19.0 28.4

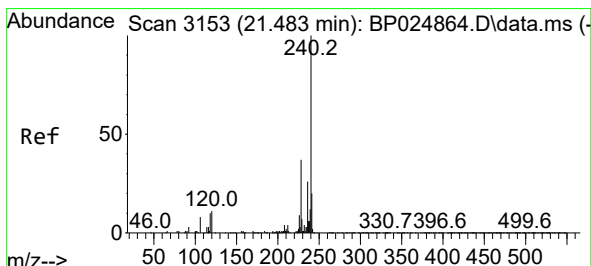
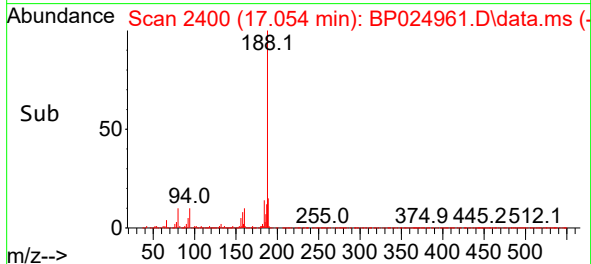
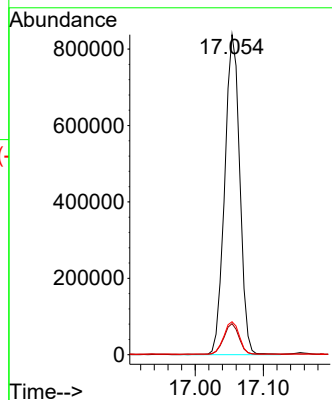
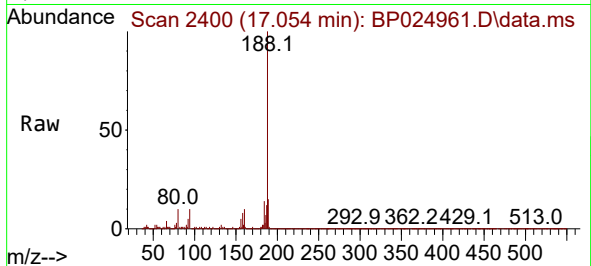




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

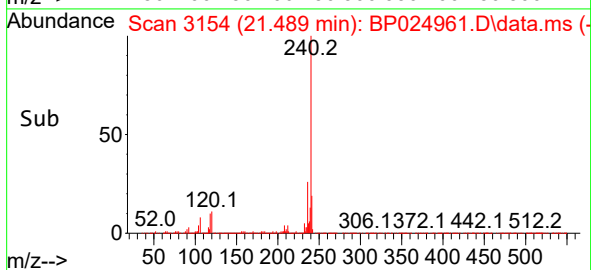
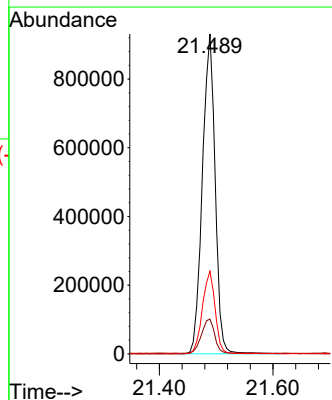
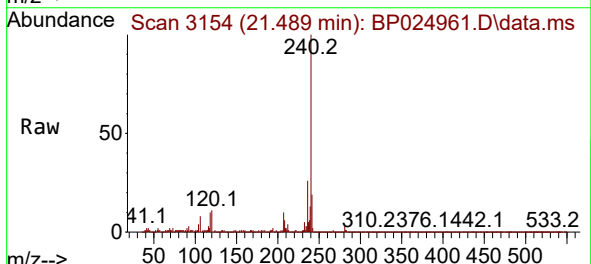
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TP-1

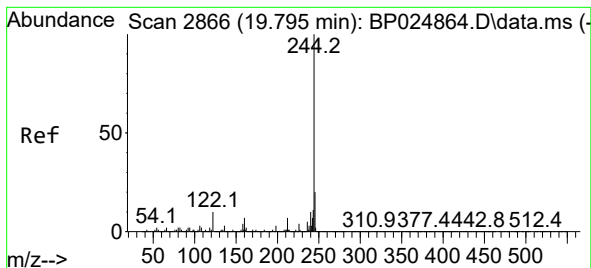
Tgt Ion:188 Resp: 1285684
Ion Ratio Lower Upper
188 100
94 9.7 7.3 10.9
80 10.3 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024961.D
Acq: 16 Jun 2025 15:02

Tgt Ion:240 Resp: 1447428
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 60.540 ng

RT: 19.777 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024961.D

Acq: 16 Jun 2025 15:02

Instrument :

BNA_P

ClientSampleId :

TP-1

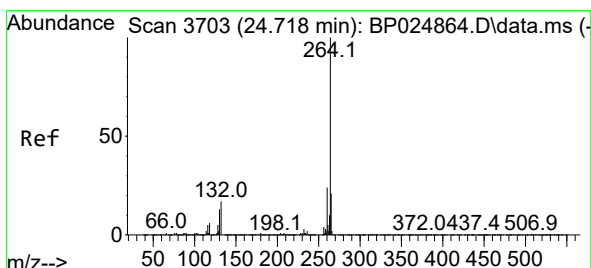
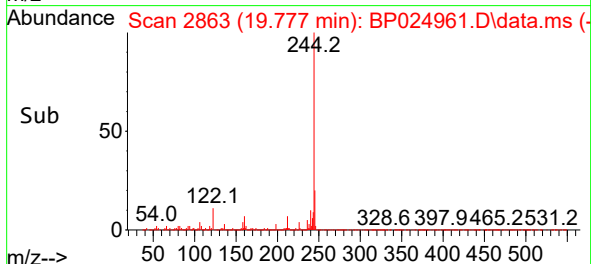
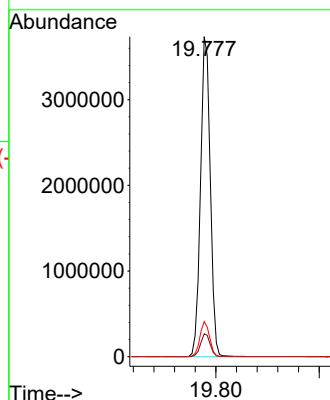
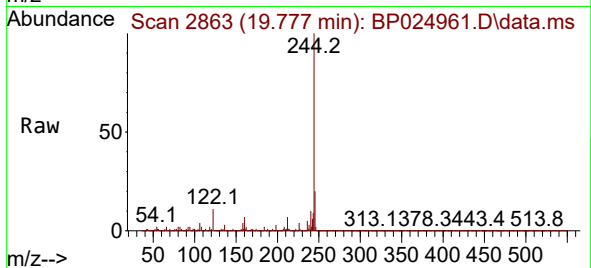
Tgt Ion:244 Resp: 4889227

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.9 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.748 min Scan# 3708

Delta R.T. 0.029 min

Lab File: BP024961.D

Acq: 16 Jun 2025 15:02

Tgt Ion:264 Resp: 1675847

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 22.4 17.4 26.0

