

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
Data File : BP025021.D
Acq On : 20 Jun 2025 17:02
Operator : RC/JU
Sample : Q2362-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EP-6

Quant Time: Jun 20 17:27:39 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	299026	20.000	ng	-0.01
21) Naphthalene-d8	10.378	136	1090267	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	621783	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1212515	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1480110	20.000	ng	0.02
86) Perylene-d12	24.771	264	1865399	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.231	112	1289581	71.986	ng	-0.01
7) Phenol-d6	6.814	99	1605394	67.731	ng	0.00
23) Nitrobenzene-d5	8.761	82	964803	43.001	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	689683	80.228	ng	0.00
45) 2-Fluorobiphenyl	12.849	172	2123519	46.007	ng	-0.01
79) Terphenyl-d14	19.783	244	3566739	43.189	ng	-0.01

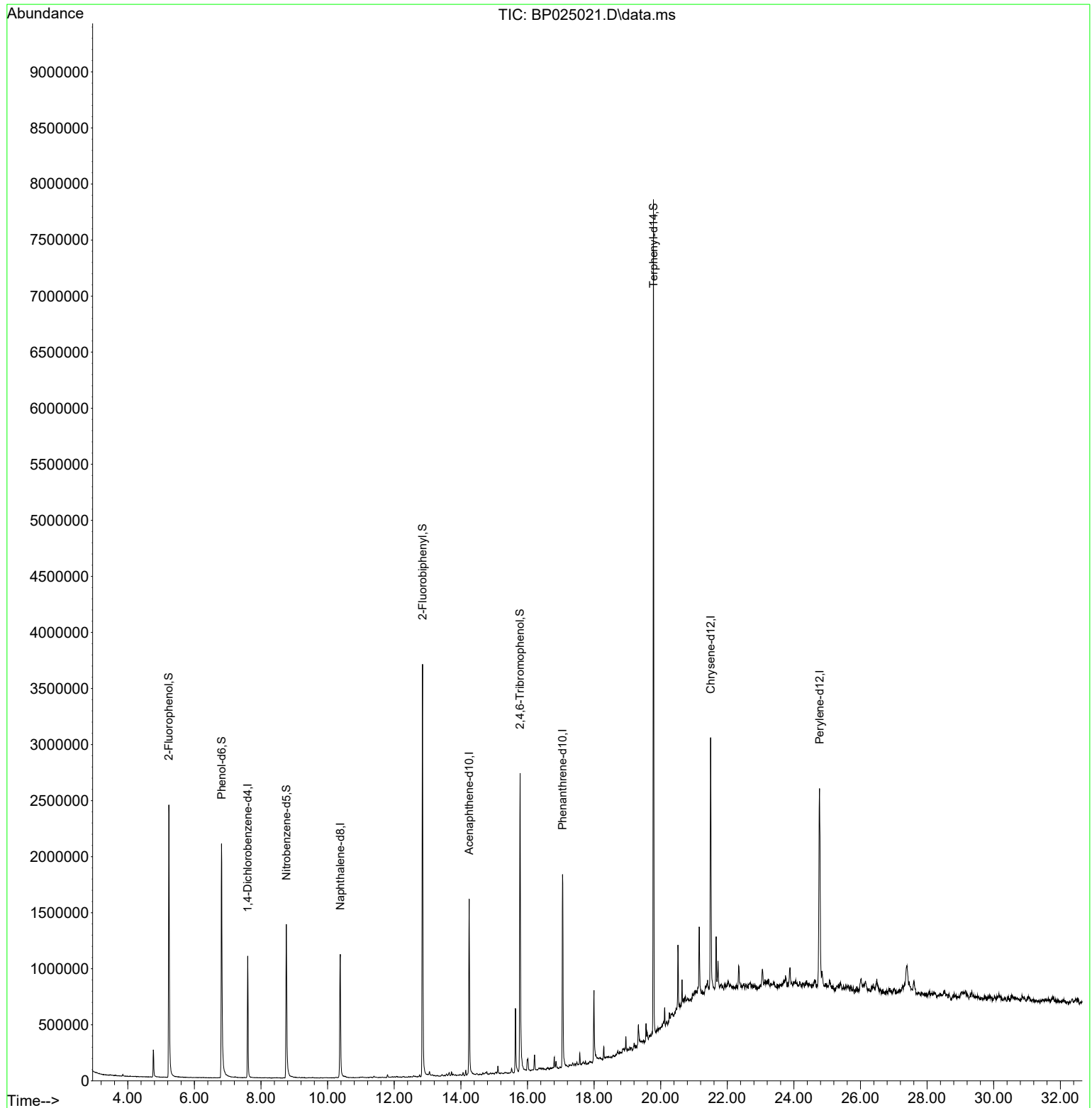
Target Compounds	Qvalue

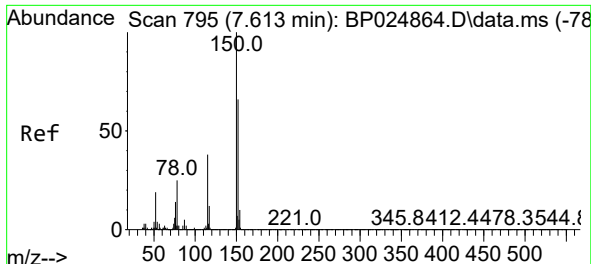
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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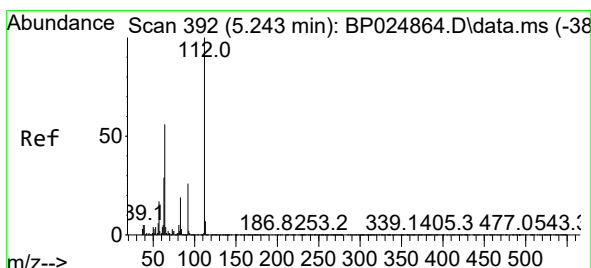
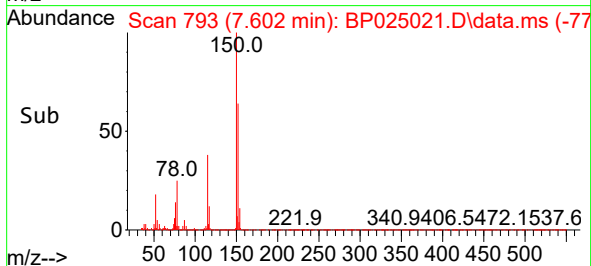
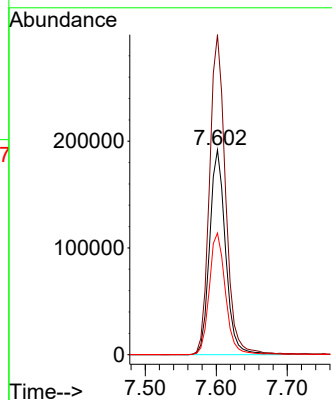
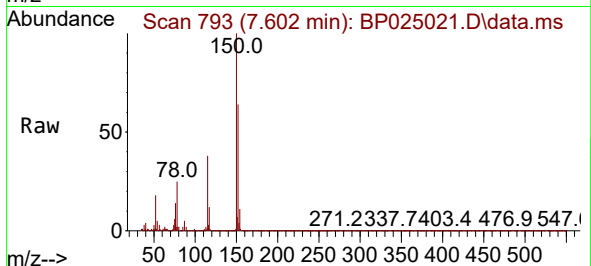




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

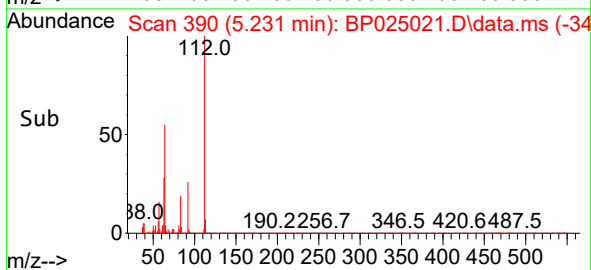
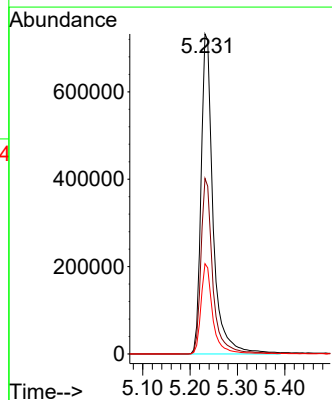
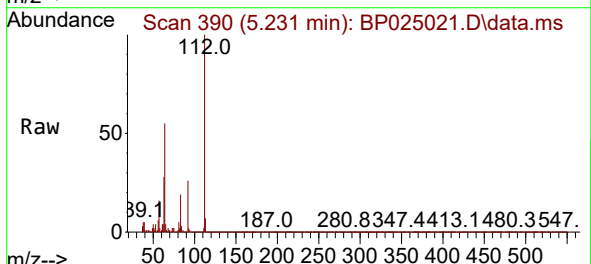
Instrument :
BNA_P
ClientSampleId :
EP-6

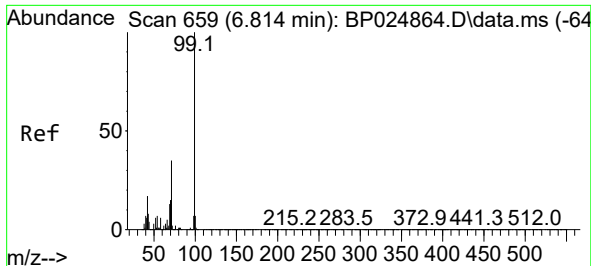
Tgt Ion:152 Resp: 299026
Ion Ratio Lower Upper
152 100
150 156.3 122.1 183.1
115 59.4 46.4 69.6



#5
2-Fluorophenol
Concen: 71.986 ng
RT: 5.231 min Scan# 390
Delta R.T. -0.012 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

Tgt Ion:112 Resp: 1289581
Ion Ratio Lower Upper
112 100
64 54.9 44.7 67.1
63 28.2 23.5 35.3

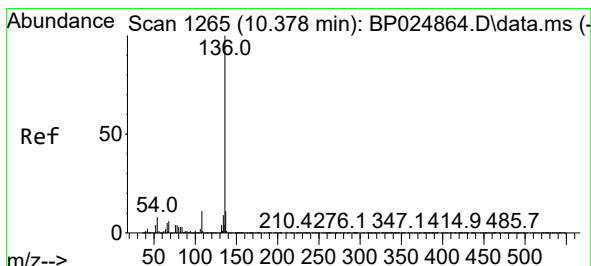
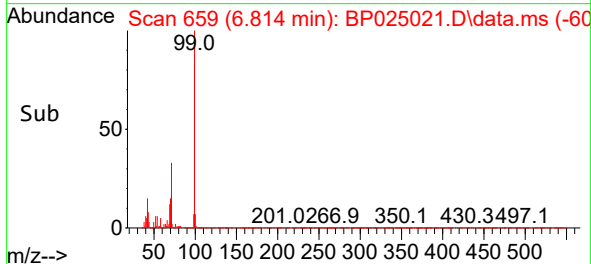
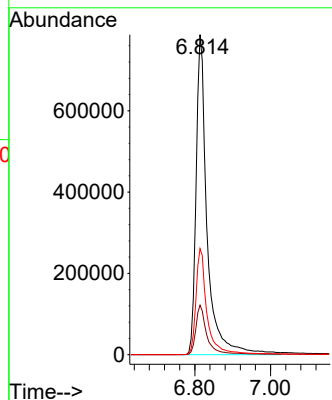
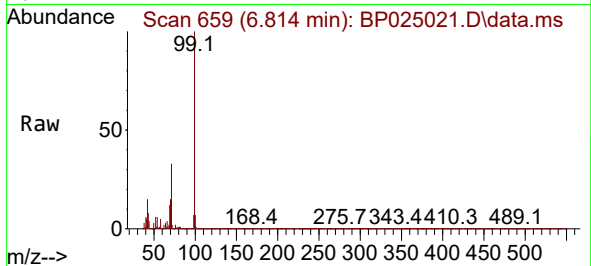




#7
Phenol-d6
Concen: 67.731 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

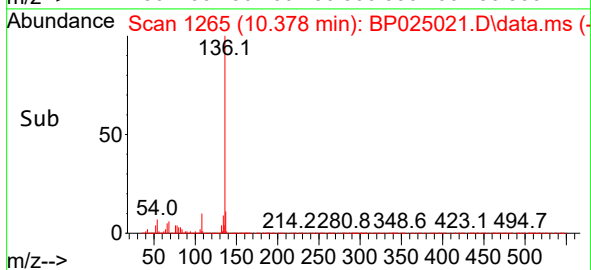
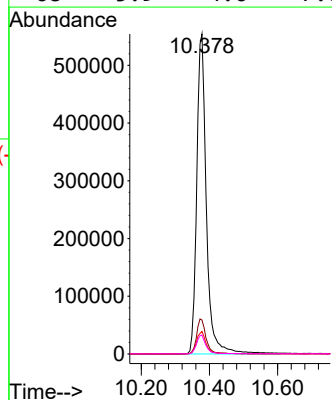
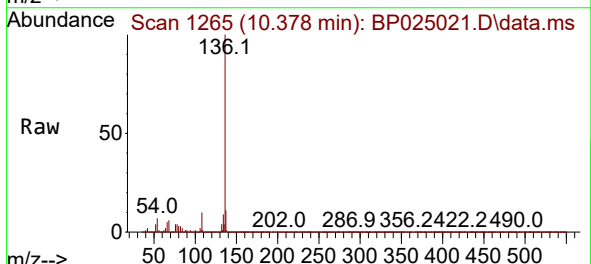
Instrument :
BNA_P
ClientSampleId :
EP-6

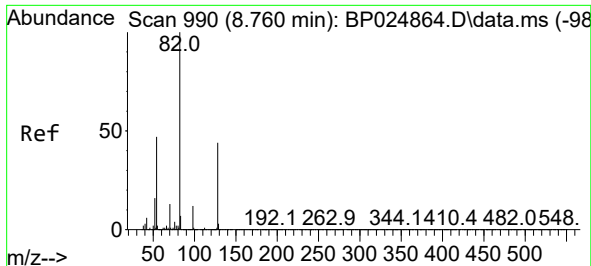
Tgt Ion: 99 Resp: 1605394
Ion Ratio Lower Upper
99 100
42 15.5 13.4 20.2
71 33.2 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

Tgt Ion: 136 Resp: 1090267
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.0 6.1 9.1
68 5.9 4.6 7.0

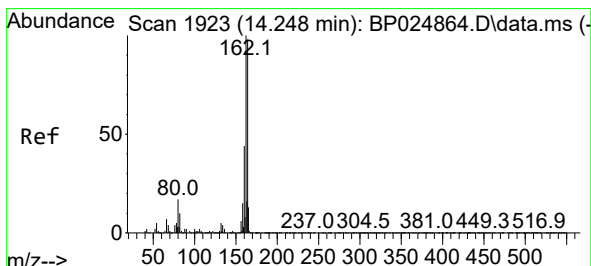
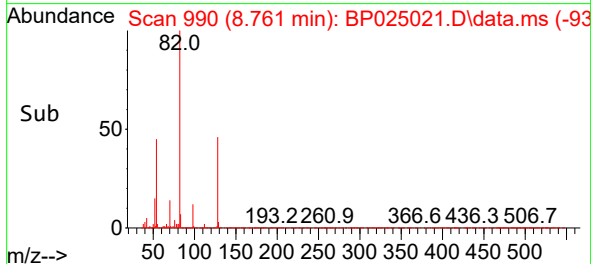
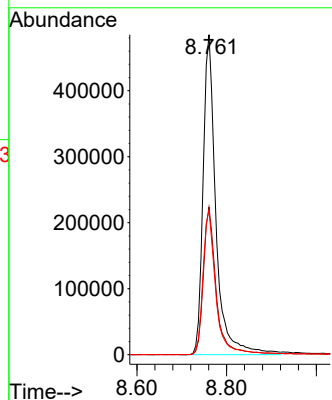
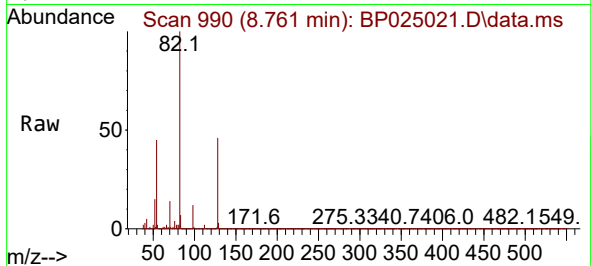




#23
Nitrobenzene-d5
Concen: 43.001 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

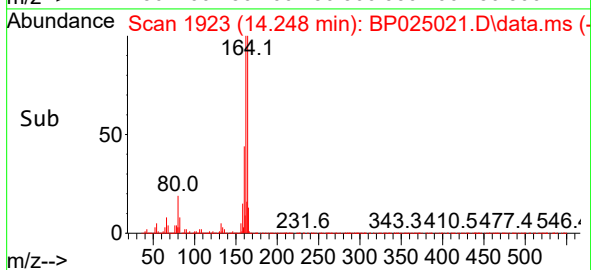
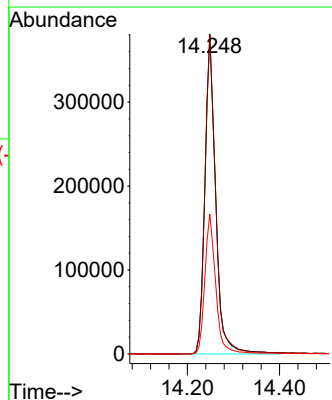
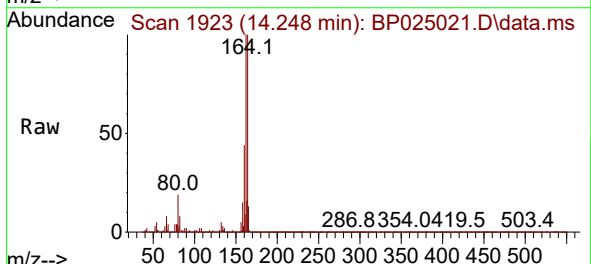
Instrument :
BNA_P
ClientSampleId :
EP-6

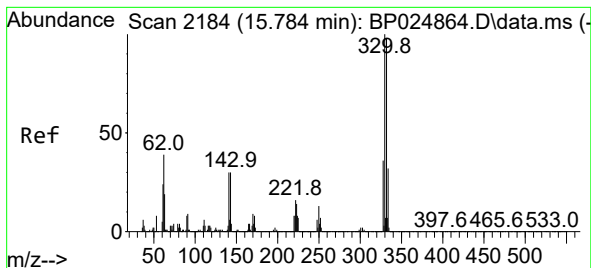
Tgt Ion: 82 Resp: 964803
Ion Ratio Lower Upper
82 100
128 46.1 35.3 52.9
54 45.1 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

Tgt Ion:164 Resp: 621783
Ion Ratio Lower Upper
164 100
162 100.3 81.6 122.4
160 43.9 36.2 54.2

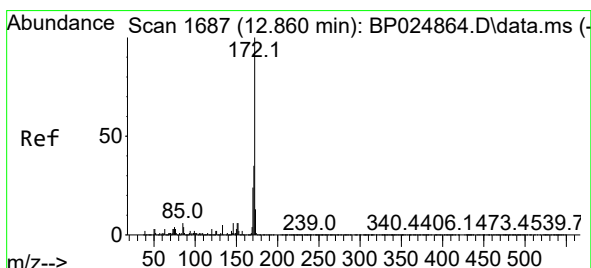
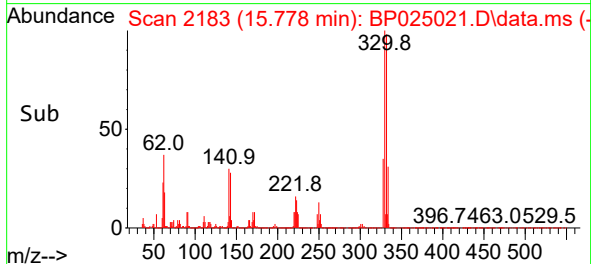
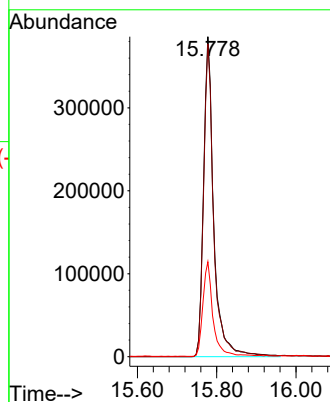
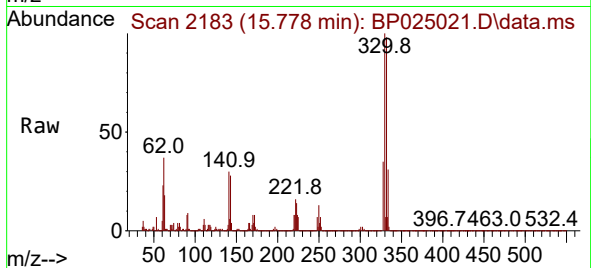




#42
2,4,6-Tribromophenol
Concen: 80.228 ng
RT: 15.778 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

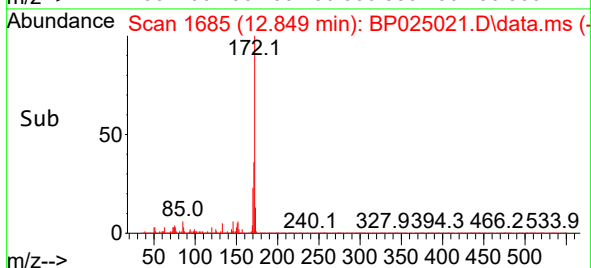
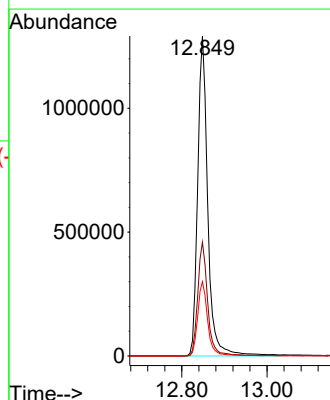
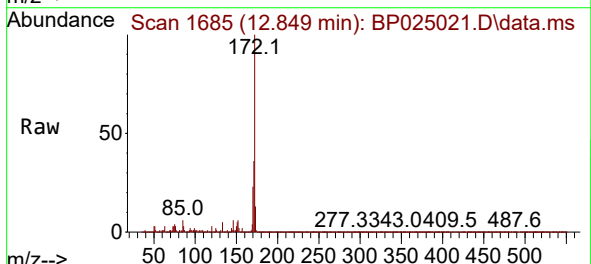
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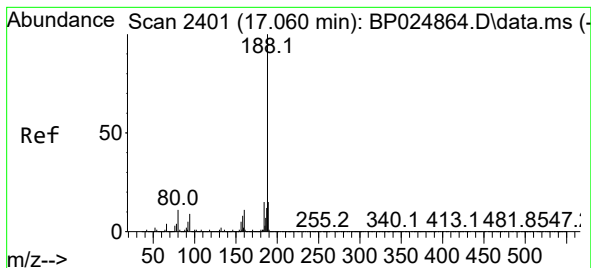
Tgt Ion:330 Resp: 689683
Ion Ratio Lower Upper
330 100
332 97.7 77.7 116.5
141 29.4 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 46.007 ng
RT: 12.849 min Scan# 1685
Delta R.T. -0.012 min
Lab File: BP025021.D
Acq: 20 Jun 2025 17:02

Tgt Ion:172 Resp: 2123519
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.2 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: BP025021.D

Acq: 20 Jun 2025 17:02

Instrument :

BNA_P

ClientSampleId :

EP-6

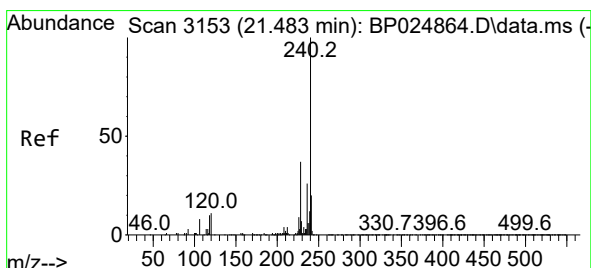
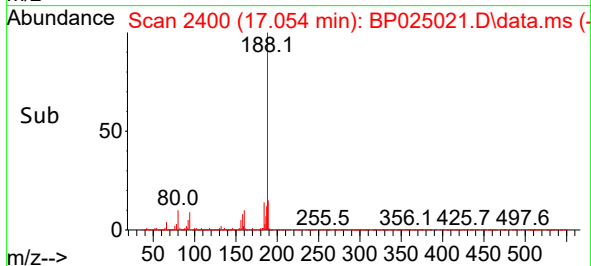
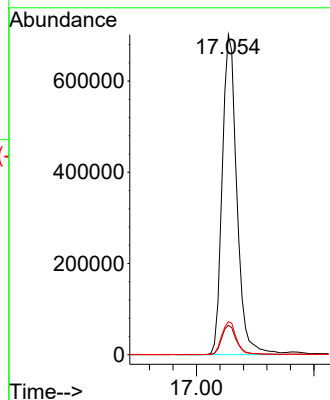
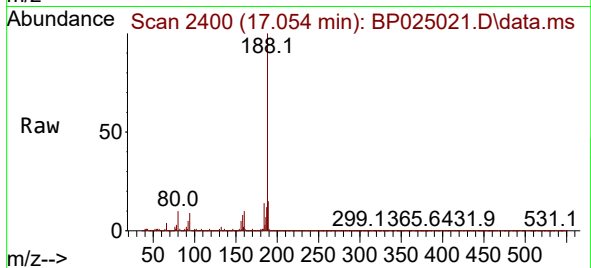
Tgt Ion:188 Resp: 1212515

Ion Ratio Lower Upper

188 100

94 9.2 7.3 10.9

80 10.2 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.501 min Scan# 3156

Delta R.T. 0.018 min

Lab File: BP025021.D

Acq: 20 Jun 2025 17:02

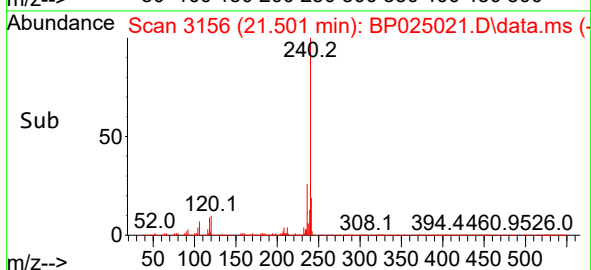
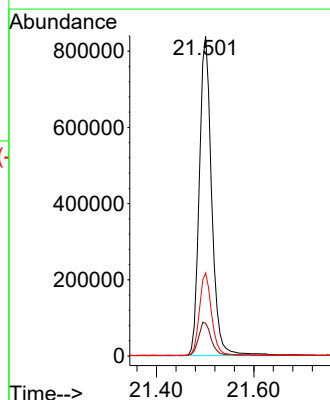
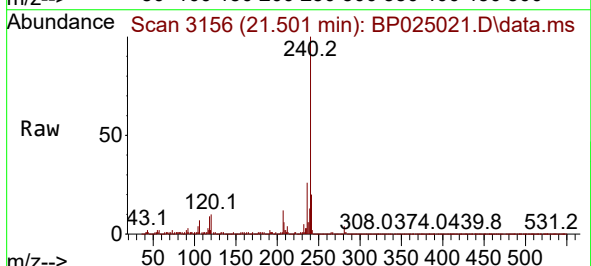
Tgt Ion:240 Resp: 1480110

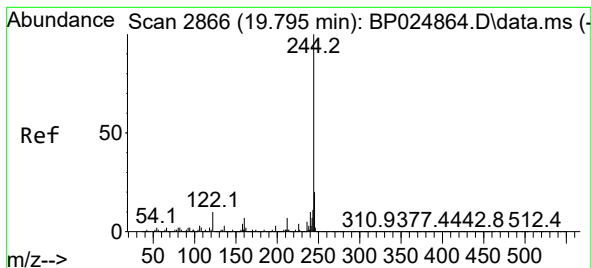
Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 43.189 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025021.D

Acq: 20 Jun 2025 17:02

Instrument :

BNA_P

ClientSampleId :

EP-6

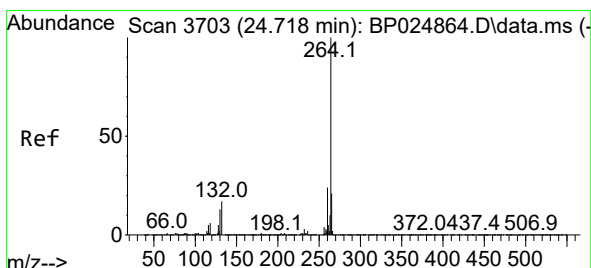
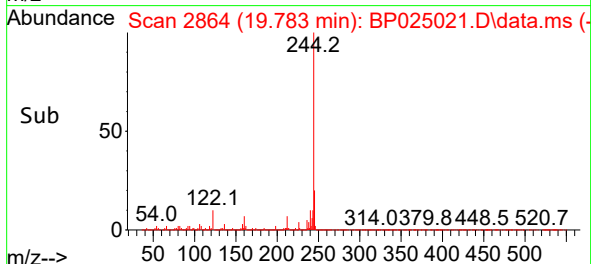
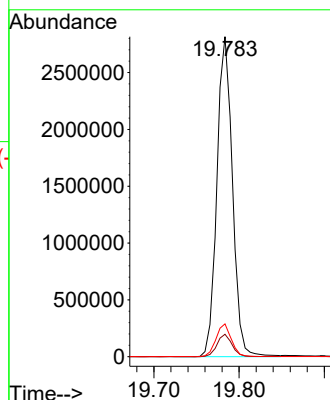
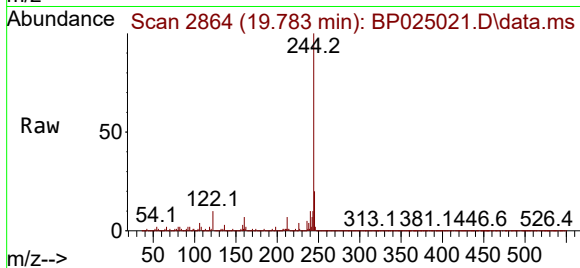
Tgt Ion:244 Resp: 3566739

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.2 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.053 min

Lab File: BP025021.D

Acq: 20 Jun 2025 17:02

Tgt Ion:264 Resp: 1865399

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 22.0 17.4 26.0

