

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
 Data File : BP025012.D
 Acq On : 19 Jun 2025 22:34
 Operator : RC/JU
 Sample : Q2355-03 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20071

Quant Time: Jun 20 01:16:28 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)

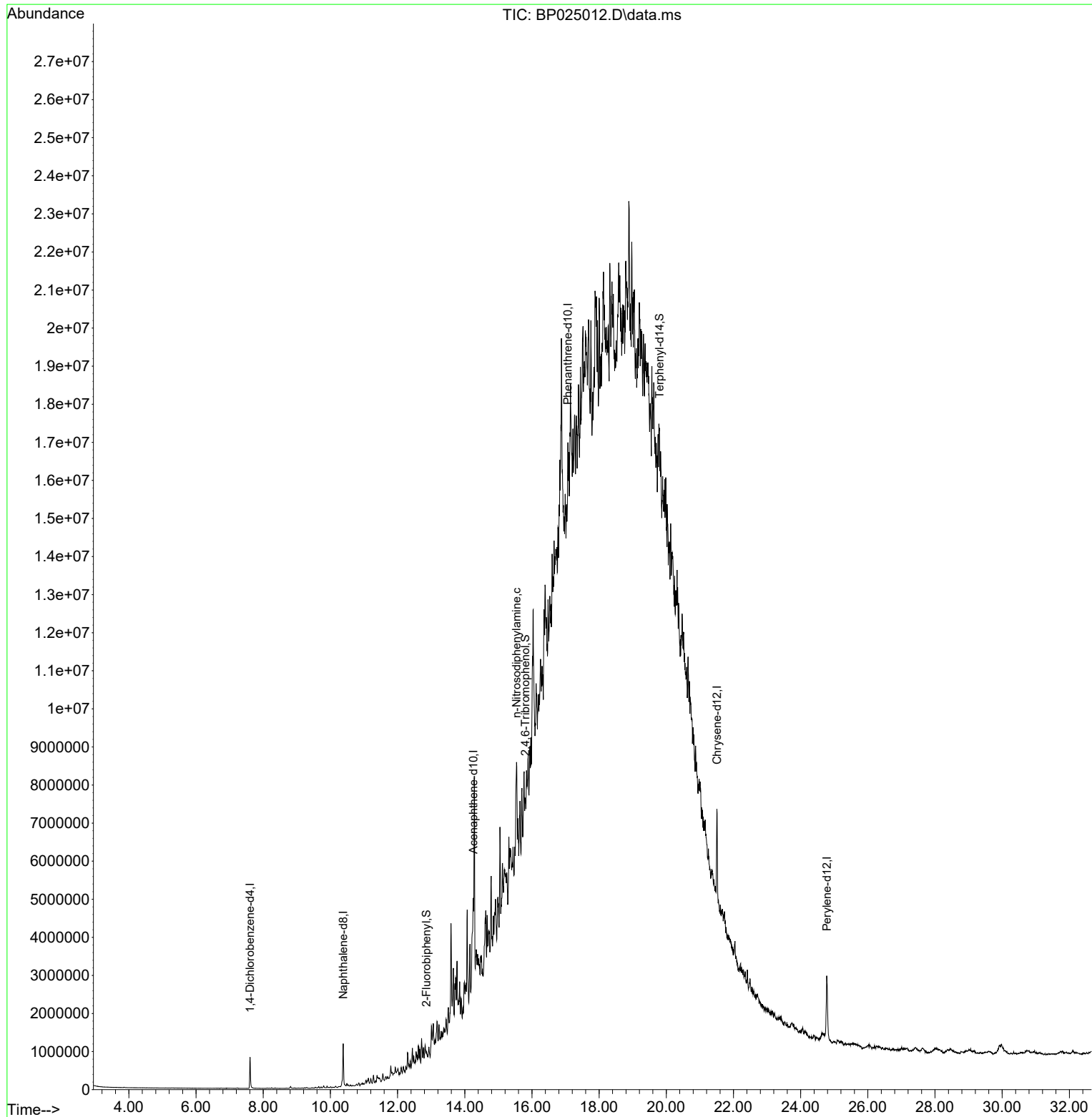
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	248256	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	969153	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	596275	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1054143	20.000	ng	# 0.00
76) Chrysene-d12	21.507	240	1468956	20.000	ng	0.02
86) Perylene-d12	24.777	264	1789379	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	4574	0.308	ng	0.04
7) Phenol-d6	6.908	99	8810	0.448	ng	0.09
23) Nitrobenzene-d5	8.796	82	17004m	0.853	ng	0.04
42) 2,4,6-Tribromophenol	15.801	330	29082	3.528	ng	0.02
45) 2-Fluorobiphenyl	12.854	172	96407	2.178	ng	0.00
79) Terphenyl-d14	19.801	244	186324	2.273	ng	0.00
Target Compounds						
66) n-Nitrosodiphenylamine	15.543	169	67808	2.075	ng	# 78

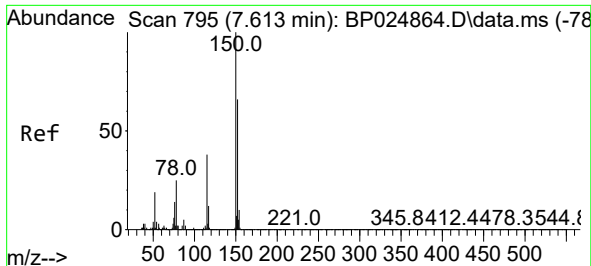
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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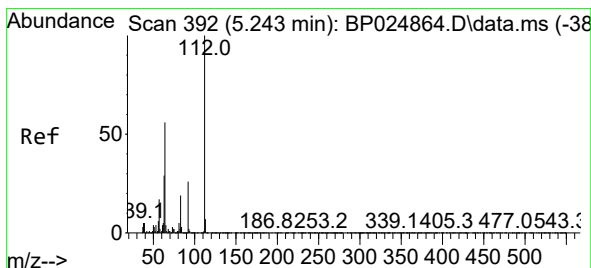
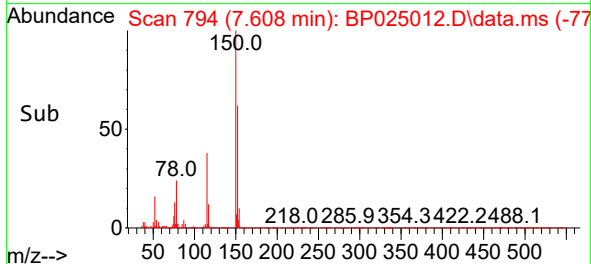
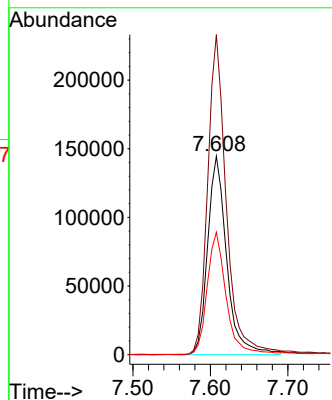
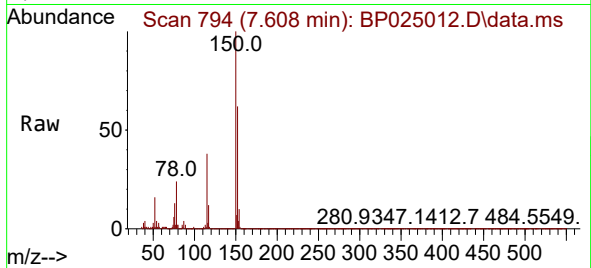




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

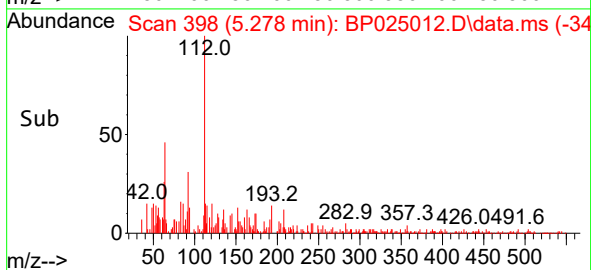
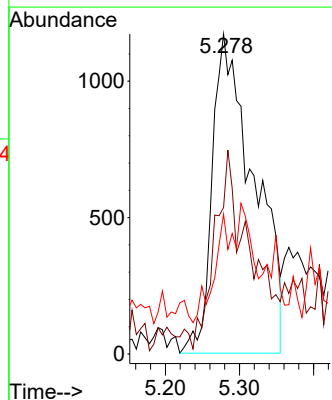
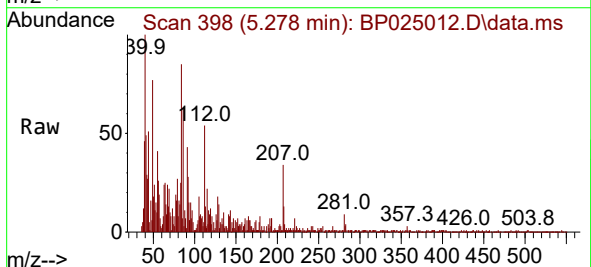
Instrument :
BNA_P
ClientSampleId :
20071

Tgt Ion:152 Resp: 248256
Ion Ratio Lower Upper
152 100
150 161.3 122.1 183.1
115 61.7 46.4 69.6



#5
2-Fluorophenol
Concen: 0.308 ng
RT: 5.278 min Scan# 398
Delta R.T. 0.035 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

Tgt Ion:112 Resp: 4574
Ion Ratio Lower Upper
112 100
64 45.8 44.7 67.1
63 43.6 23.5 35.3#

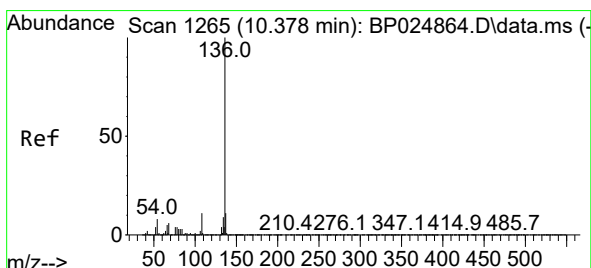
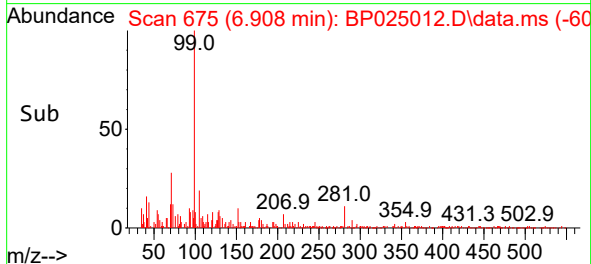
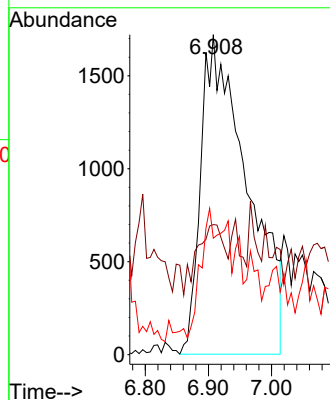
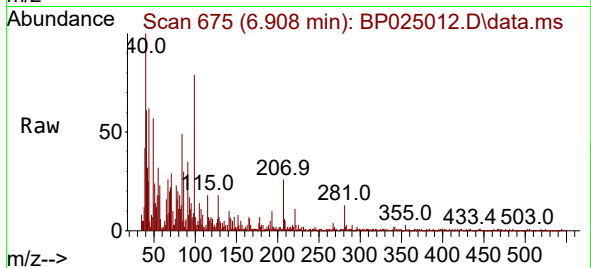




#7
Phenol-d6
Concen: 0.448 ng
RT: 6.908 min Scan# 61
Delta R.T. 0.094 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

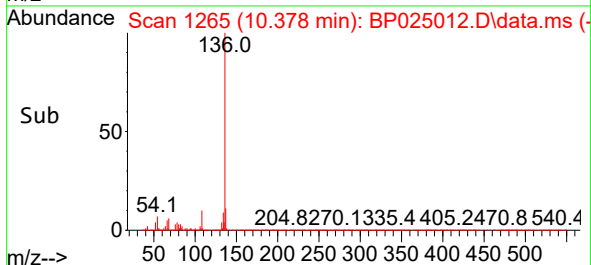
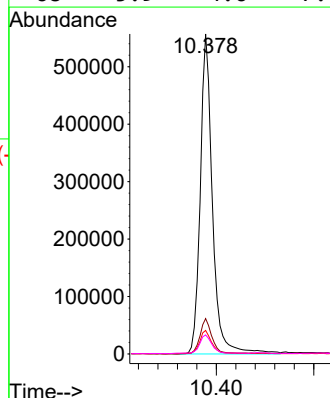
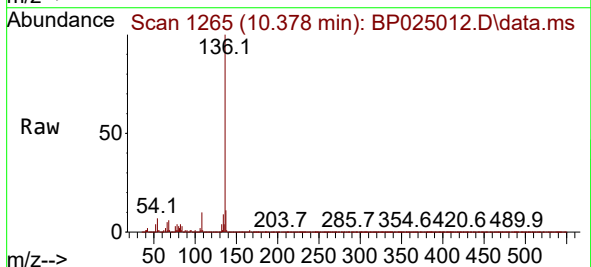
Instrument :
BNA_P
ClientSampleId :
20071

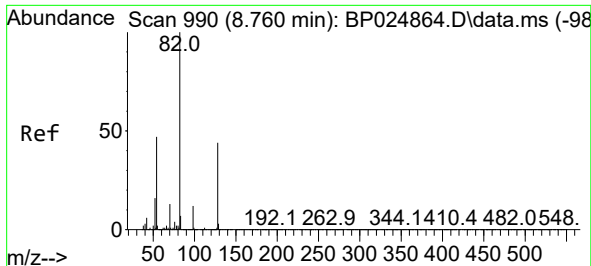
Tgt Ion: 99 Resp: 8810
Ion Ratio Lower Upper
99 100
42 40.6 13.4 20.2#
71 36.4 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

Tgt Ion: 136 Resp: 969153
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 6.1 9.1
68 5.9 4.6 7.0

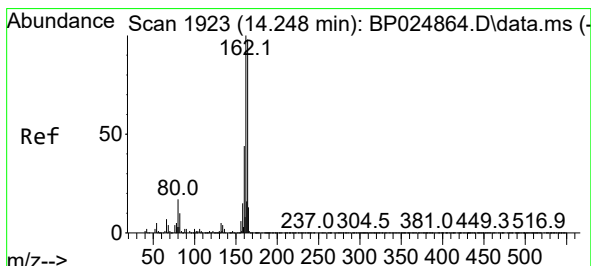
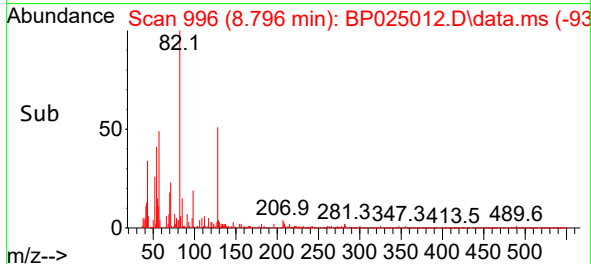
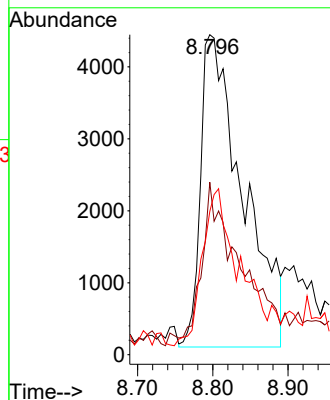
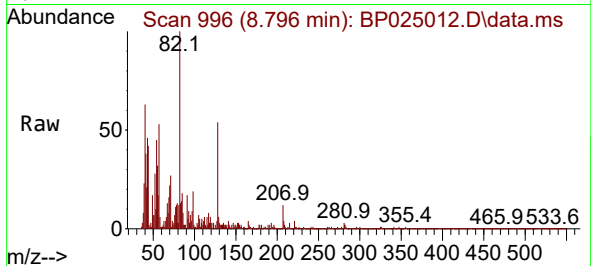




#23
Nitrobenzene-d5
Concen: 0.853 ng m
RT: 8.796 min Scan# 991
Delta R.T. 0.035 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

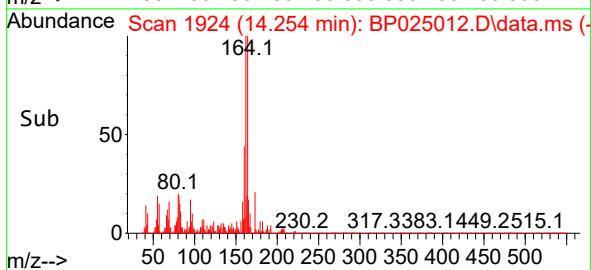
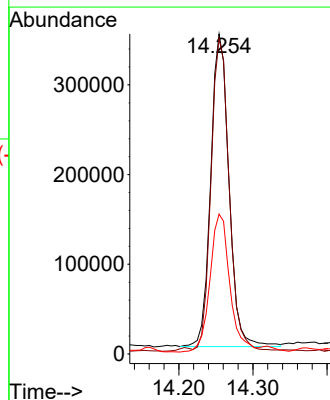
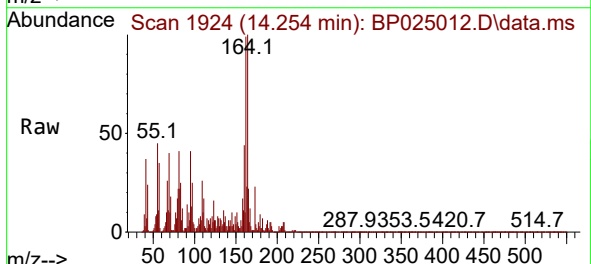
Instrument :
BNA_P
ClientSampleId :
20071

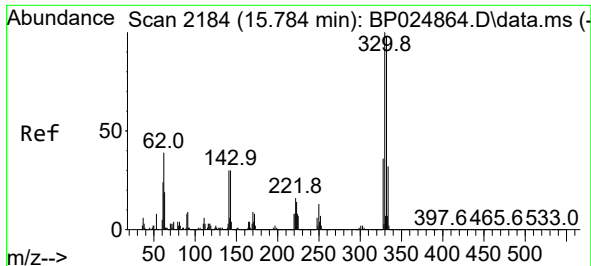
Tgt Ion: 82 Resp: 17004
Ion Ratio Lower Upper
82 100
128 53.9 35.3 52.9#
54 44.7 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

Tgt Ion:164 Resp: 596275
Ion Ratio Lower Upper
164 100
162 98.5 81.6 122.4
160 43.7 36.2 54.2

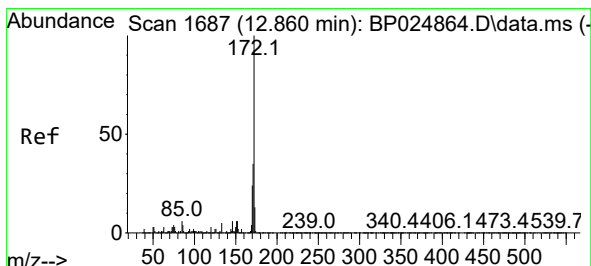
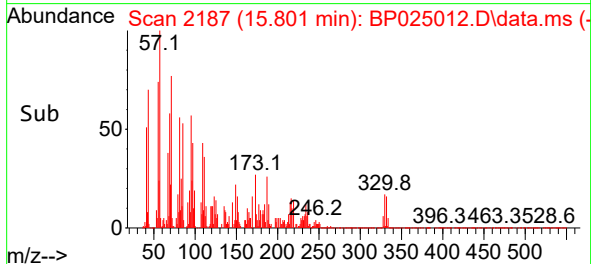
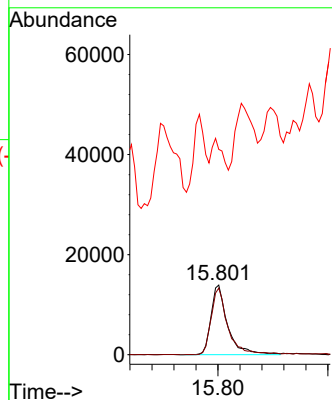
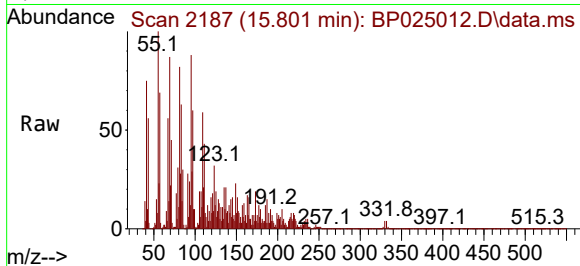




#42
2,4,6-Tribromophenol
Concen: 3.528 ng
RT: 15.801 min Scan# 2184
Delta R.T. 0.018 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

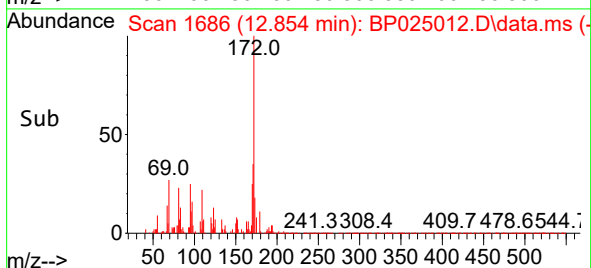
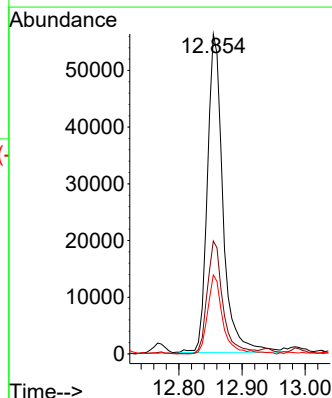
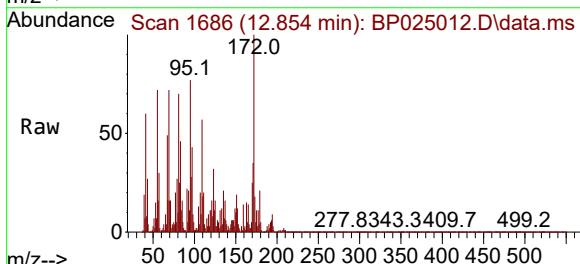
Instrument :
BNA_P
ClientSampleId :
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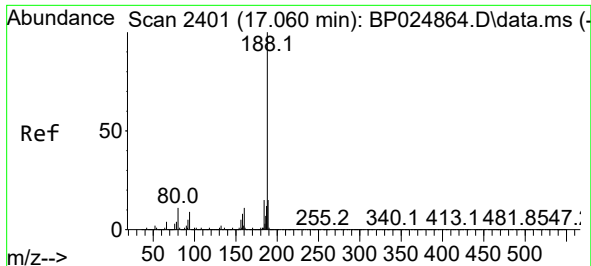
Tgt Ion: 330 Resp: 29082
Ion Ratio Lower Upper
330 100
332 95.1 77.7 116.5
141 24.8 26.4 39.6#



#45
2-Fluorobiphenyl
Concen: 2.178 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

Tgt Ion: 172 Resp: 96407
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 24.7 19.0 28.4

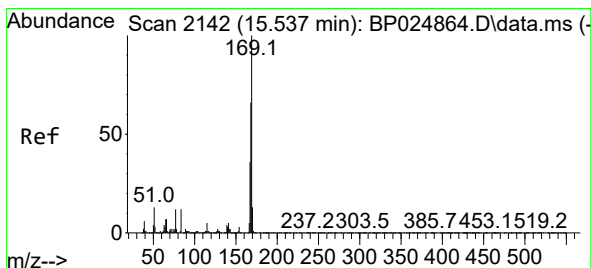
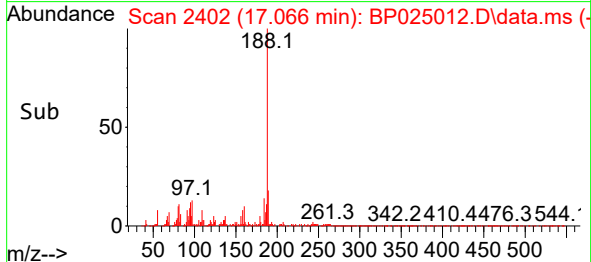
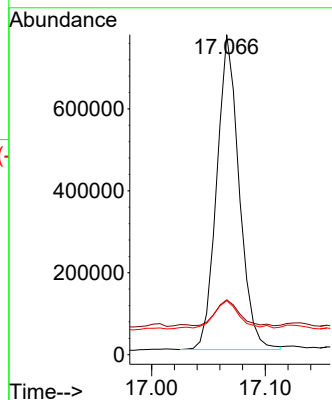
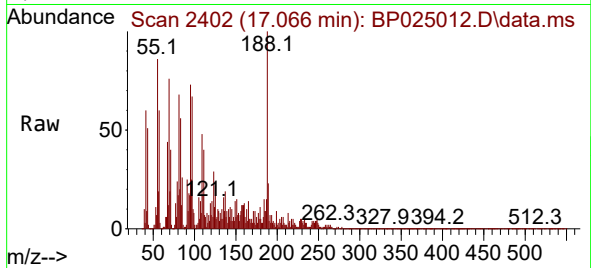




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

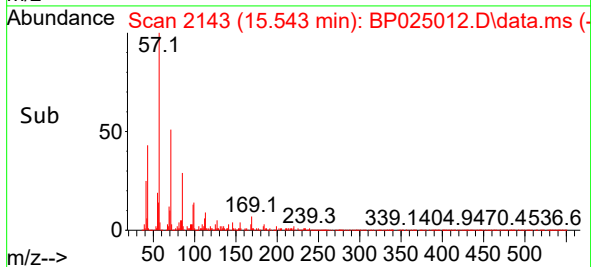
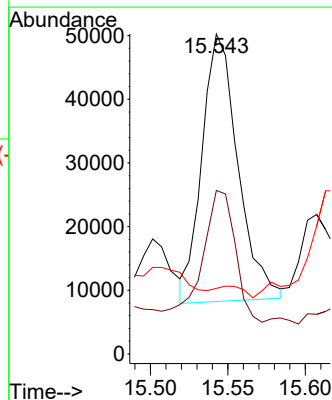
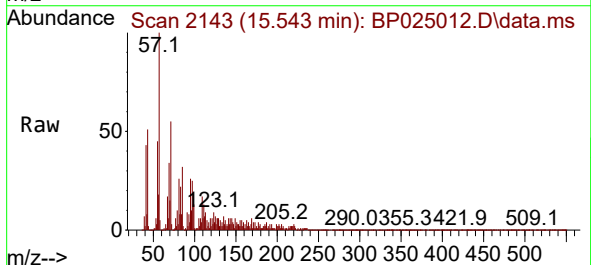
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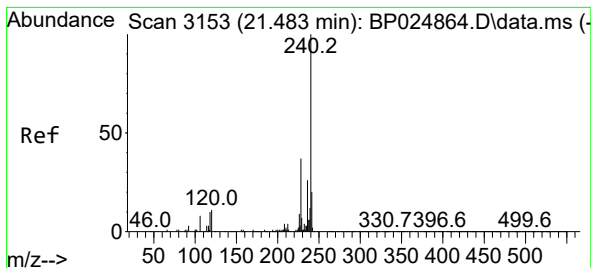
Tgt Ion:188 Resp: 1054143
Ion Ratio Lower Upper
188 100
94 17.2 7.3 10.9#
80 16.9 8.5 12.7#



#66
n-Nitrosodiphenylamine
Concen: 2.075 ng
RT: 15.543 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025012.D
Acq: 19 Jun 2025 22:34

Tgt Ion:169 Resp: 67808
Ion Ratio Lower Upper
169 100
168 51.1 53.0 79.6#
167 20.5 28.6 43.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.507 min Scan# 3153

Delta R.T. 0.024 min

Lab File: BP025012.D

Acq: 19 Jun 2025 22:34

Instrument :

BNA_P

ClientSampleId :

20071

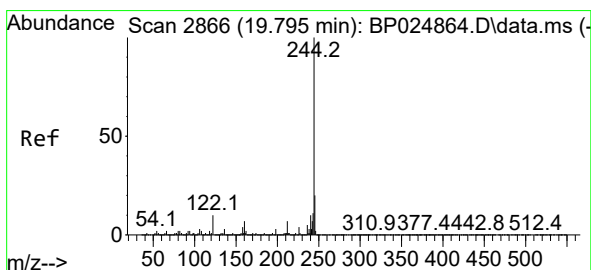
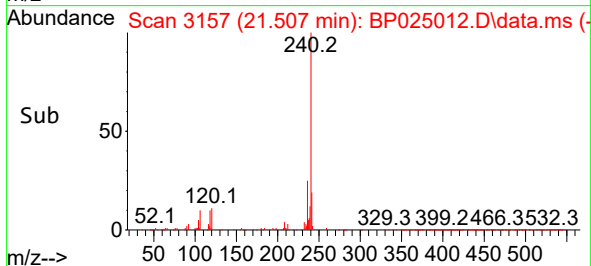
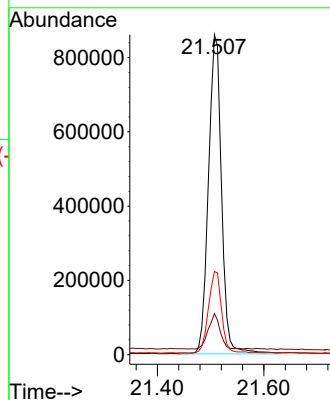
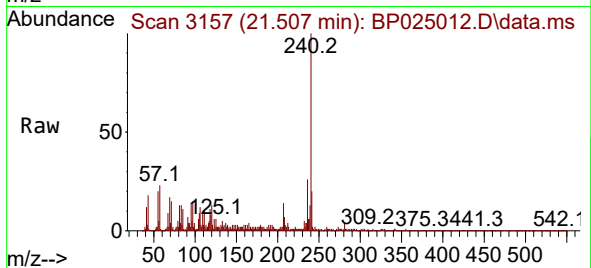
Tgt Ion:240 Resp: 1468956

Ion Ratio Lower Upper

240 100

120 12.8 8.9 13.3

236 26.0 20.9 31.3



#79

Terphenyl-d14

Concen: 2.273 ng

RT: 19.801 min Scan# 2867

Delta R.T. 0.006 min

Lab File: BP025012.D

Acq: 19 Jun 2025 22:34

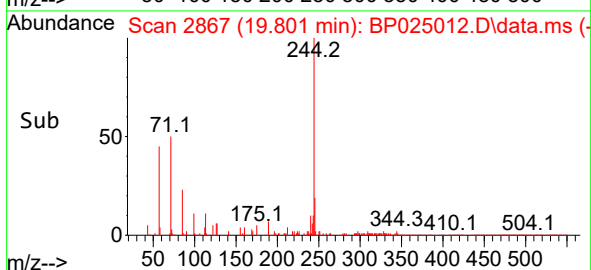
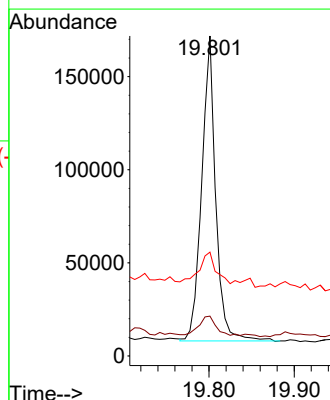
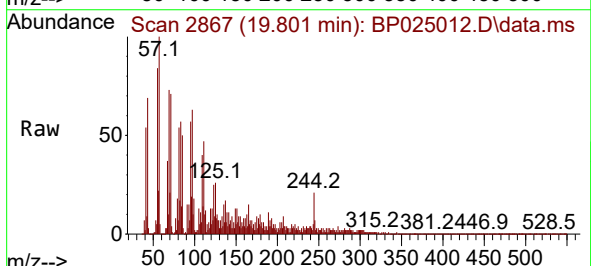
Tgt Ion:244 Resp: 186324

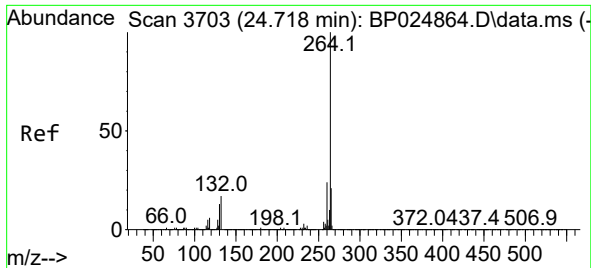
Ion Ratio Lower Upper

244 100

212 12.5 5.6 8.4#

122 32.4 7.7 11.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.777 min Scan# 31
 Delta R.T. 0.059 min
 Lab File: BP025012.D
 Acq: 19 Jun 2025 22:34

Instrument :
 BNA_P
 ClientSampleId :
 20071

Tgt Ion:264 Resp: 1789379
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 22.1 17.4 26.0

