

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025027.D
 Acq On : 20 Jun 2025 21:09
 Operator : RC/JU
 Sample : Q2362-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-11

Quant Time: Jun 20 22:38:39 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)

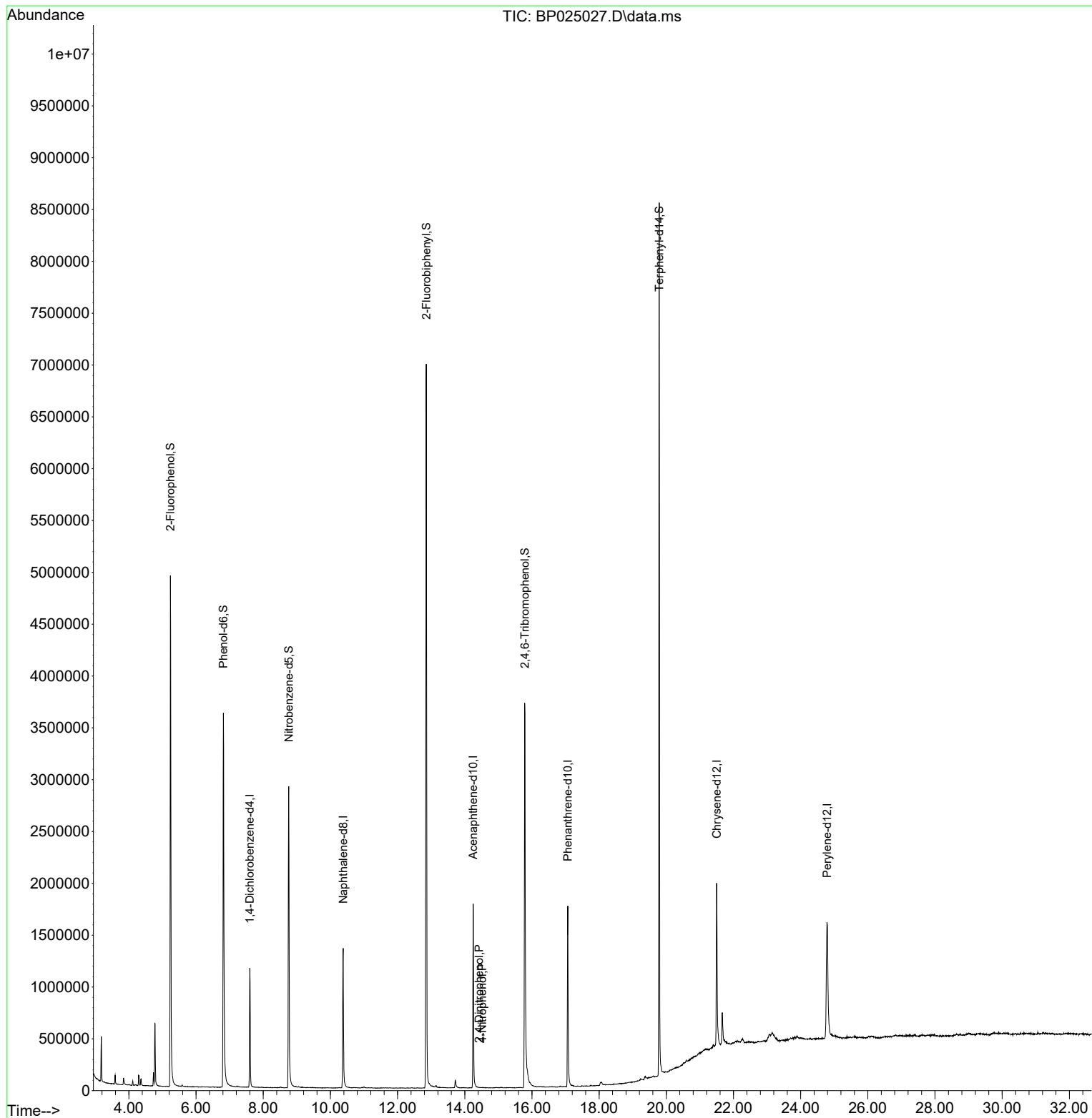
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	334579	20.000	ng	-0.01
21) Naphthalene-d8	10.378	136	1208122	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	675995	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1117548	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1111614	20.000	ng	0.02
86) Perylene-d12	24.783	264	1536444	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2413850	120.426	ng	0.00
7) Phenol-d6	6.813	99	2616885	98.674	ng	0.00
23) Nitrobenzene-d5	8.760	82	1923424	77.364	ng	0.00
42) 2,4,6-Tribromophenol	15.789	330	1149741	123.020	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	4138445	82.471	ng	0.00
79) Terphenyl-d14	19.789	244	4366957	70.408	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.425	184	65	5.572	ng	# 1
56) 4-Nitrophenol	14.519	139	75	5.417	ng	# 26

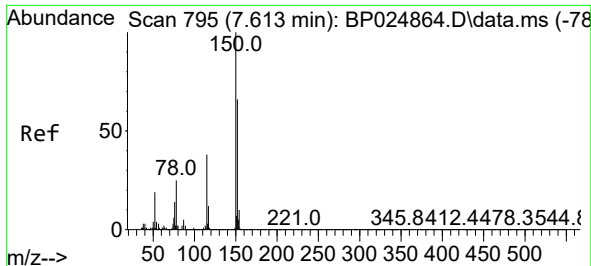
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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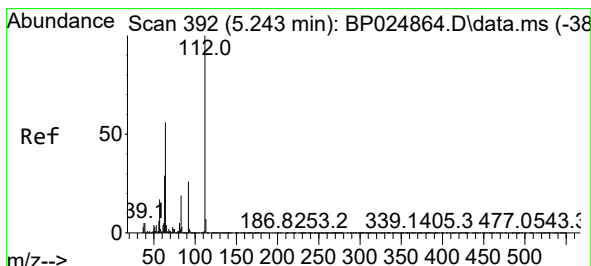
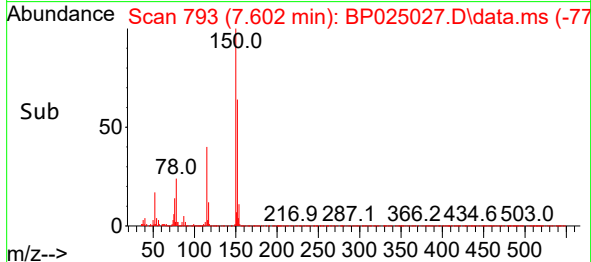
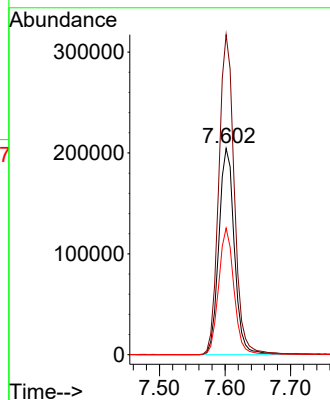
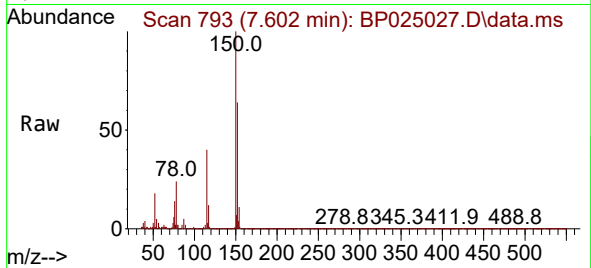




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP025027.D
Acq: 20 Jun 2025 21:09

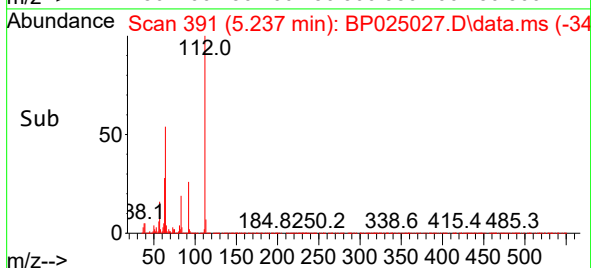
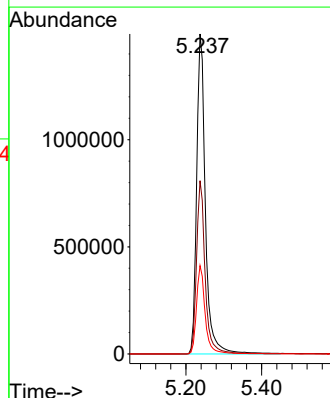
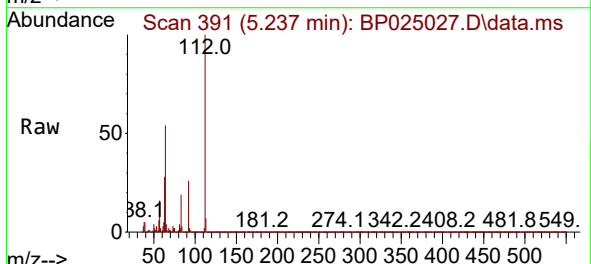
Instrument :
BNA_P
ClientSampleId :
TP-11

Tgt Ion:152 Resp: 334579
Ion Ratio Lower Upper
152 100
150 155.1 122.1 183.1
115 61.4 46.4 69.6



#5
2-Fluorophenol
Concen: 120.426 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP025027.D
Acq: 20 Jun 2025 21:09

Tgt Ion:112 Resp: 2413850
Ion Ratio Lower Upper
112 100
64 54.1 44.7 67.1
63 27.6 23.5 35.3

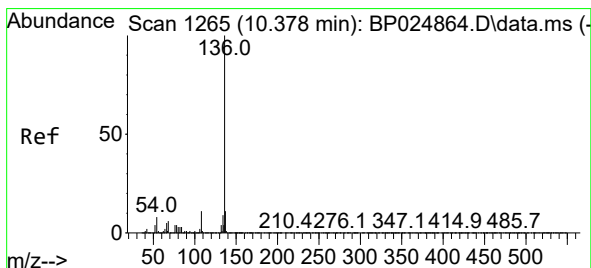
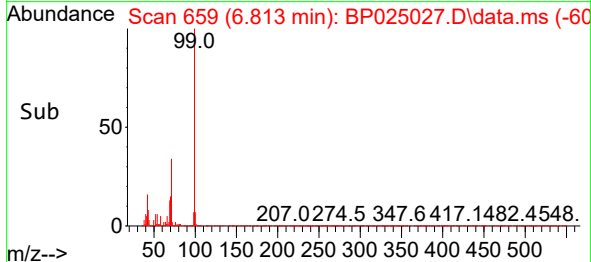
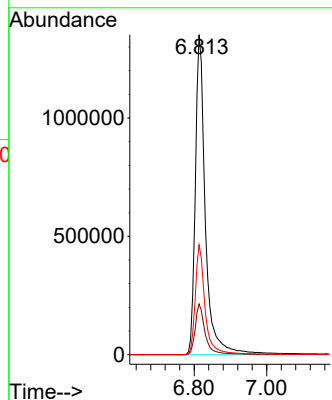
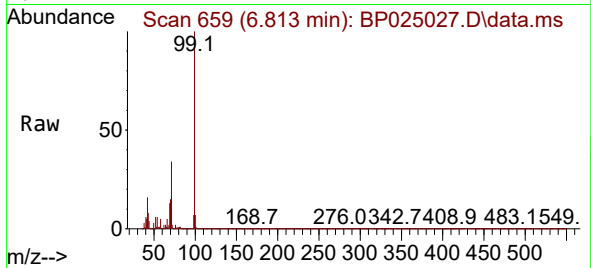




#7
Phenol-d6
Concen: 98.674 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025027.D
Acq: 20 Jun 2025 21:09

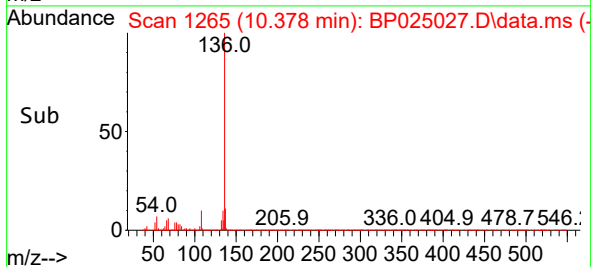
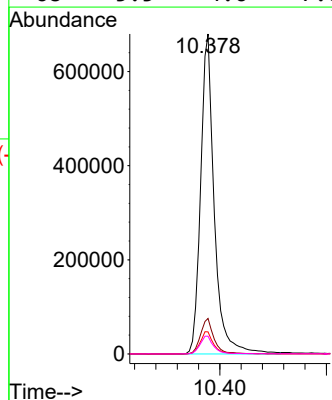
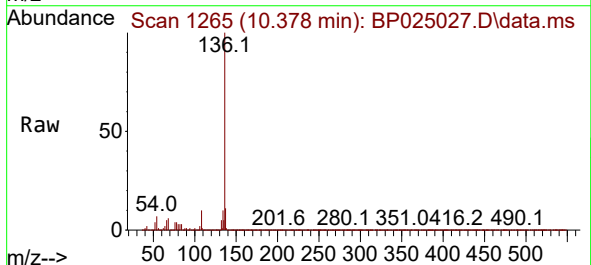
Instrument :
BNA_P
ClientSampleId :
TP-11

Tgt Ion: 99 Resp: 2616885
Ion Ratio Lower Upper
99 100
42 15.9 13.4 20.2
71 34.3 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: BP025027.D
Acq: 20 Jun 2025 21:09

Tgt Ion: 136 Resp: 1208122
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.9 6.1 9.1
68 5.5 4.6 7.0

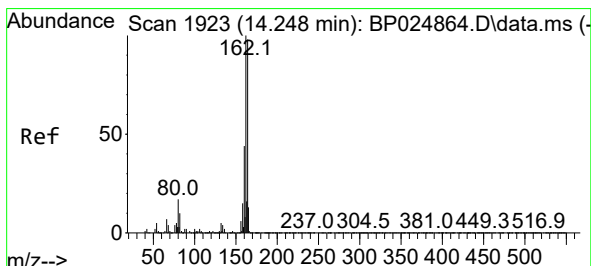
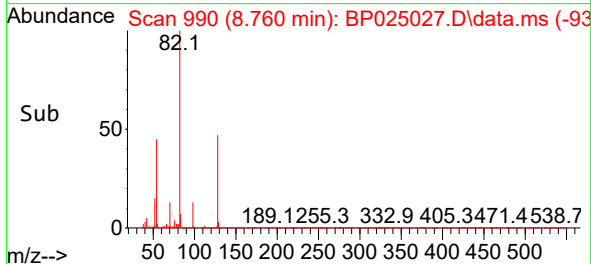
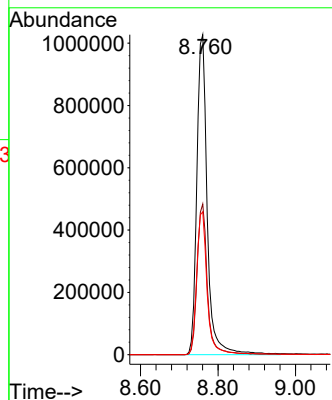
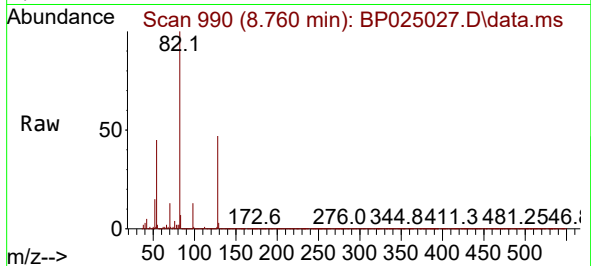




#23
Nitrobenzene-d5
Concen: 77.364 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP025027.D
Acq: 20 Jun 2025 21:09

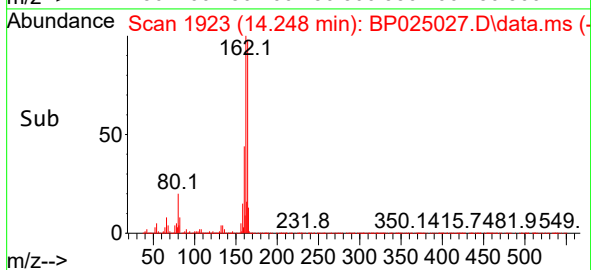
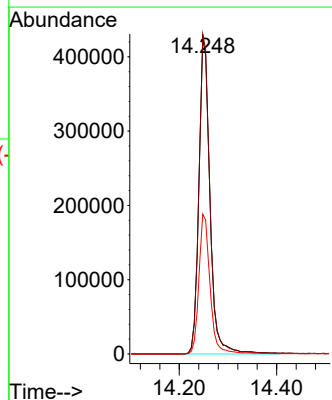
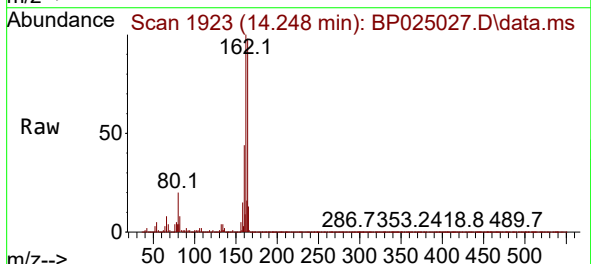
Instrument :
BNA_P
ClientSampleId :
TP-11

Tgt Ion: 82 Resp: 1923424
Ion Ratio Lower Upper
82 100
128 47.1 35.3 52.9
54 44.7 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: BP025027.D
Acq: 20 Jun 2025 21:09

Tgt Ion:164 Resp: 675995
Ion Ratio Lower Upper
164 100
162 101.6 81.6 122.4
160 44.4 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 123.020 ng

RT: 15.789 min Scan# 2184

Delta R.T. 0.006 min

Lab File: BP025027.D

Acq: 20 Jun 2025 21:09

Instrument :

BNA_P

ClientSampleId :

TP-11

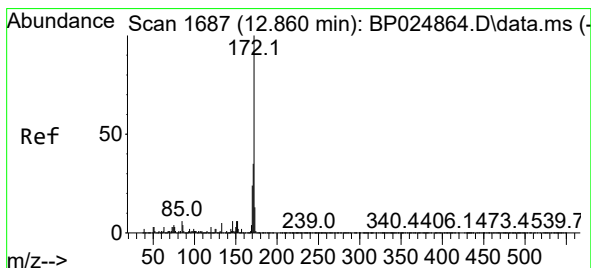
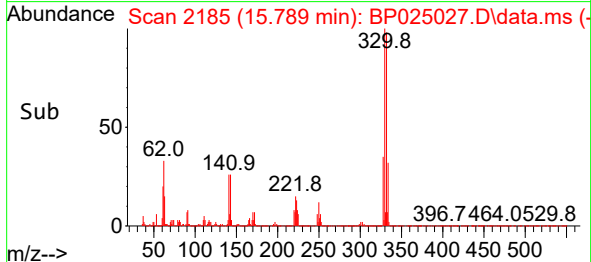
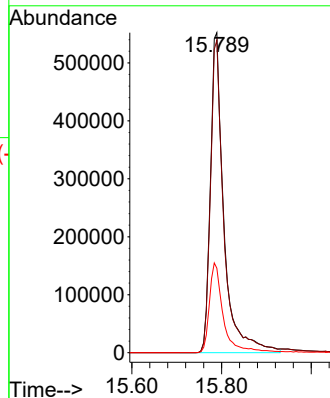
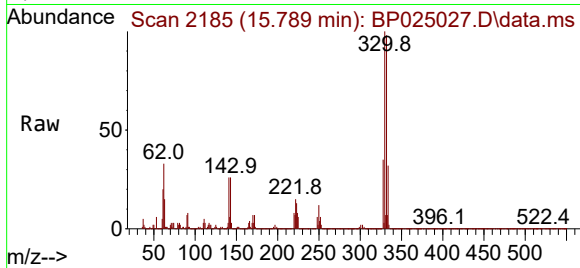
Tgt Ion:330 Resp: 1149741

Ion Ratio Lower Upper

330 100

332 99.7 77.7 116.5

141 29.5 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 82.471 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP025027.D

Acq: 20 Jun 2025 21:09

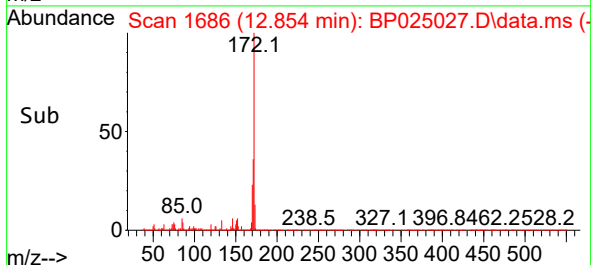
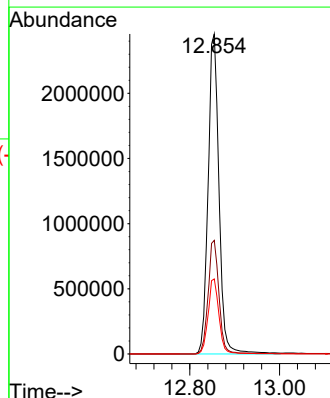
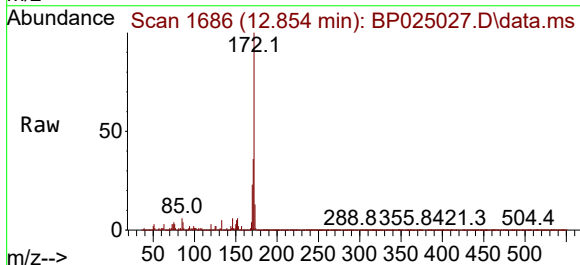
Tgt Ion:172 Resp: 4138445

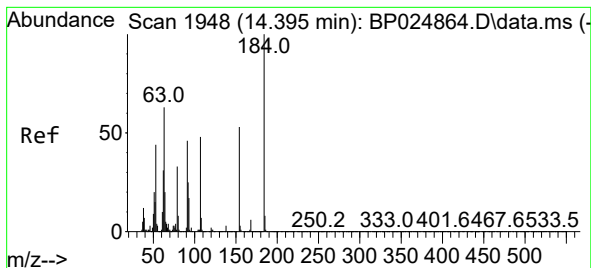
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 5.572 ng

RT: 14.425 min Scan# 1948

Delta R.T. 0.030 min

Lab File: BP025027.D

Acq: 20 Jun 2025 21:09

Instrument :

BNA_P

ClientSampleId :

TP-11

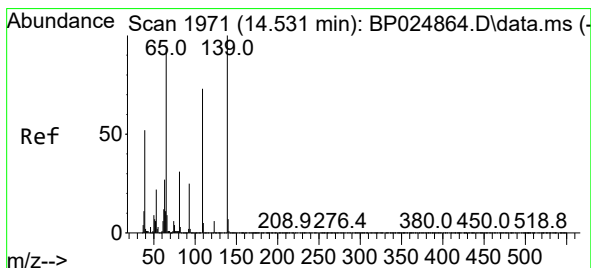
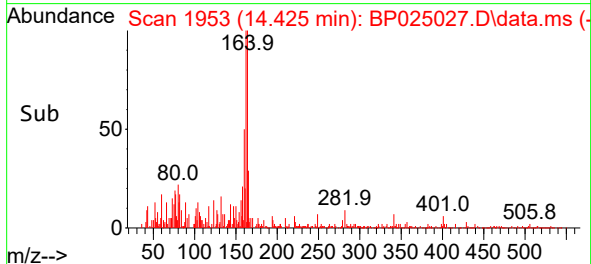
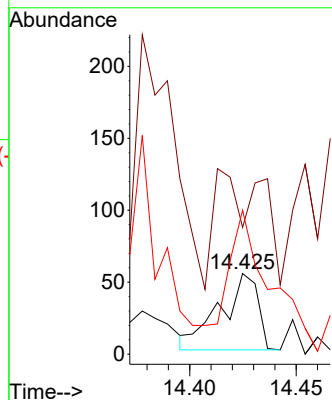
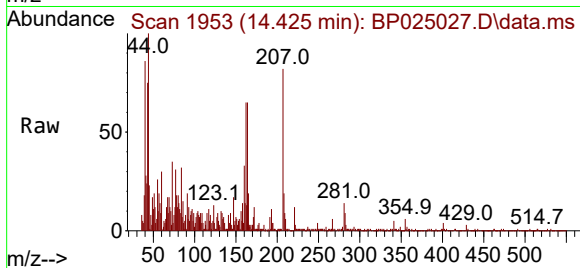
Tgt Ion:184 Resp: 65

Ion Ratio Lower Upper

184 100

63 157.1 51.0 76.4#

154 178.6 51.7 77.5#



#56

4-Nitrophenol

Concen: 5.417 ng

RT: 14.519 min Scan# 1969

Delta R.T. -0.012 min

Lab File: BP025027.D

Acq: 20 Jun 2025 21:09

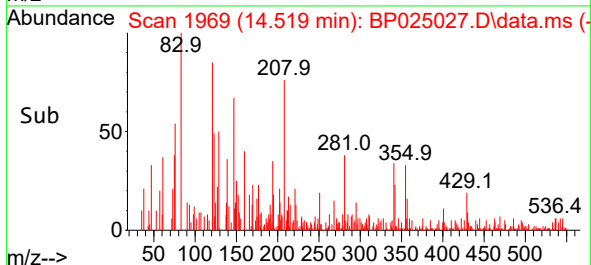
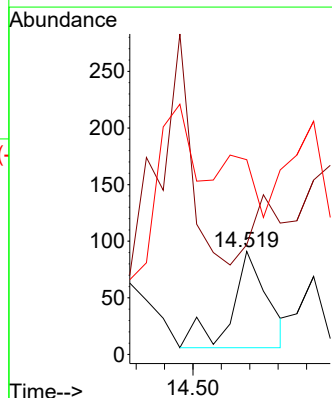
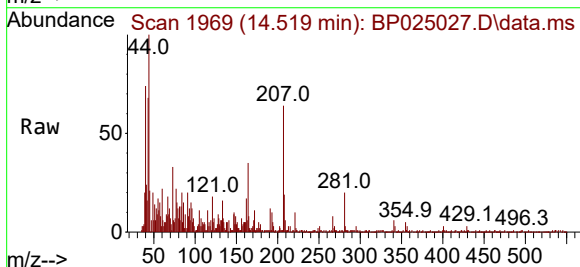
Tgt Ion:139 Resp: 75

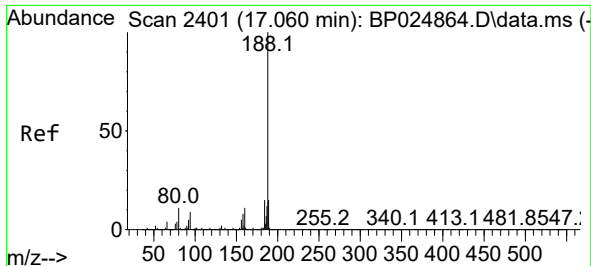
Ion Ratio Lower Upper

139 100

109 106.6 53.1 93.1#

65 189.0 73.0 113.0#

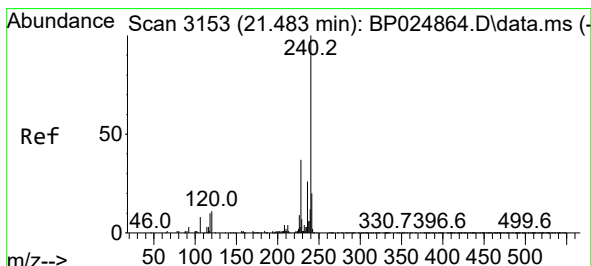
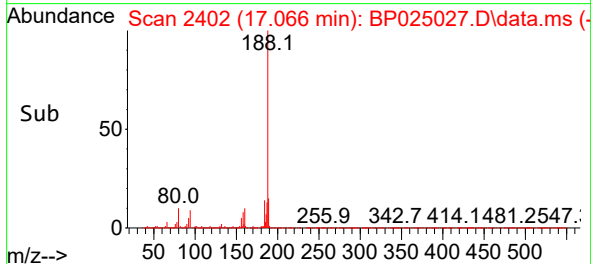
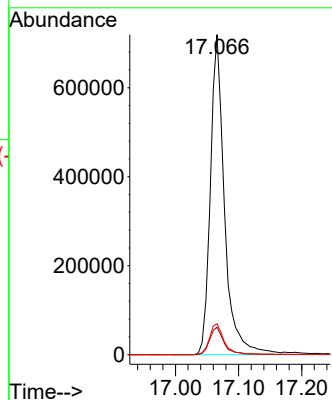
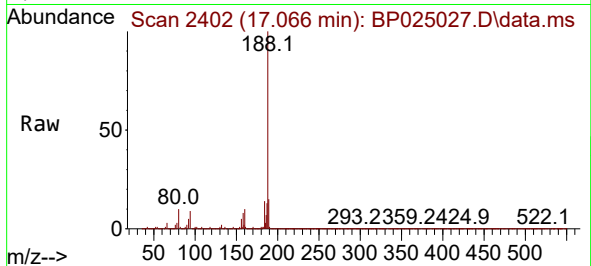




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP025027.D
Acq: 20 Jun 2025 21:09

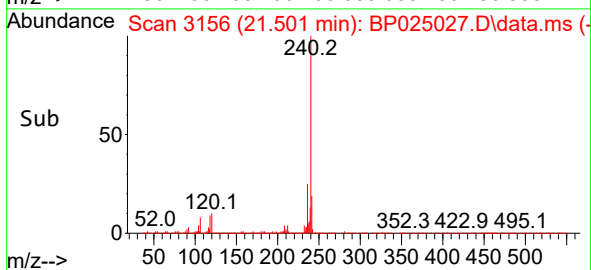
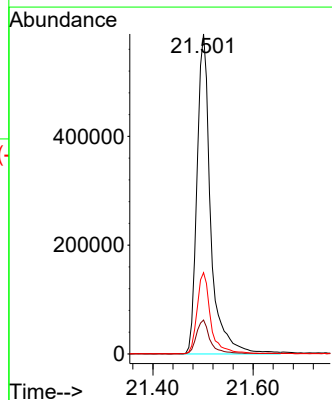
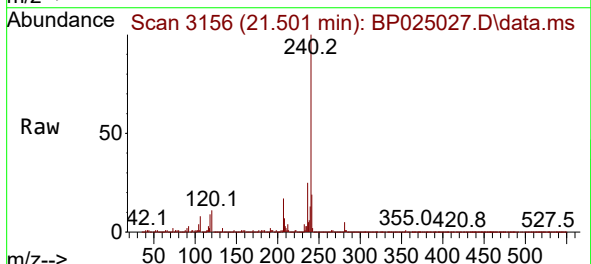
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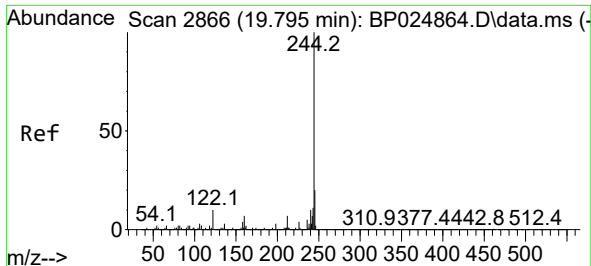
Tgt Ion:188 Resp: 1117548
Ion Ratio Lower Upper
188 100
94 8.6 7.3 10.9
80 9.6 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.501 min Scan# 3156
Delta R.T. 0.018 min
Lab File: BP025027.D
Acq: 20 Jun 2025 21:09

Tgt Ion:240 Resp: 1111614
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.4 20.9 31.3

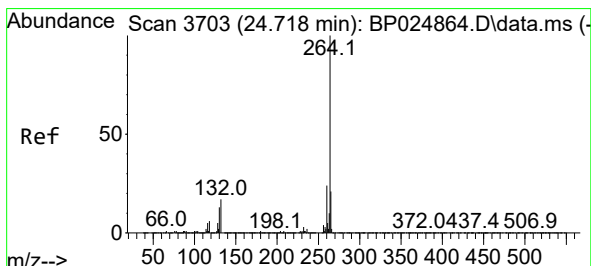
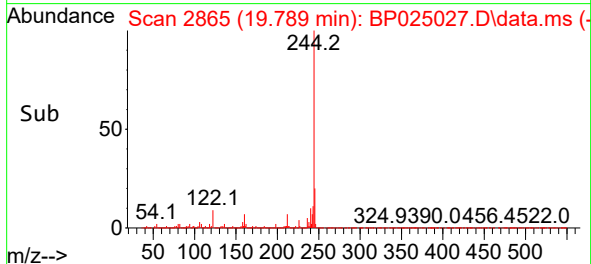
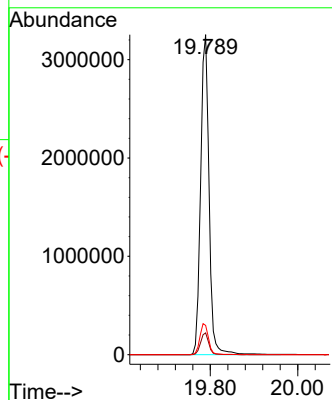
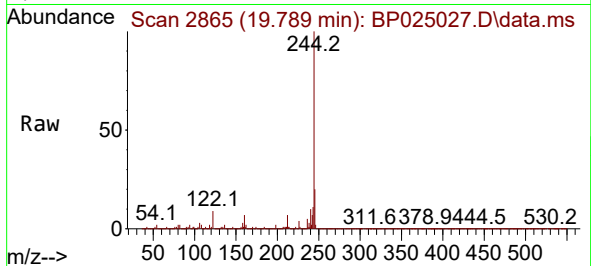




#79
 Terphenyl-d14
 Concen: 70.408 ng
 RT: 19.789 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025027.D
 Acq: 20 Jun 2025 21:09

Instrument :
 BNA_P
 ClientSampleId :
 TP-11

Tgt Ion:244 Resp: 4366957
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.1 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.783 min Scan# 3714
 Delta R.T. 0.065 min
 Lab File: BP025027.D
 Acq: 20 Jun 2025 21:09

Tgt Ion:264 Resp: 1536444
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 22.3 17.4 26.0

