

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024872.D
 Acq On : 09 Jun 2025 11:24
 Operator : RC/JU
 Sample : PB168323BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168323BL

Quant Time: Jun 09 12:31:47 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)

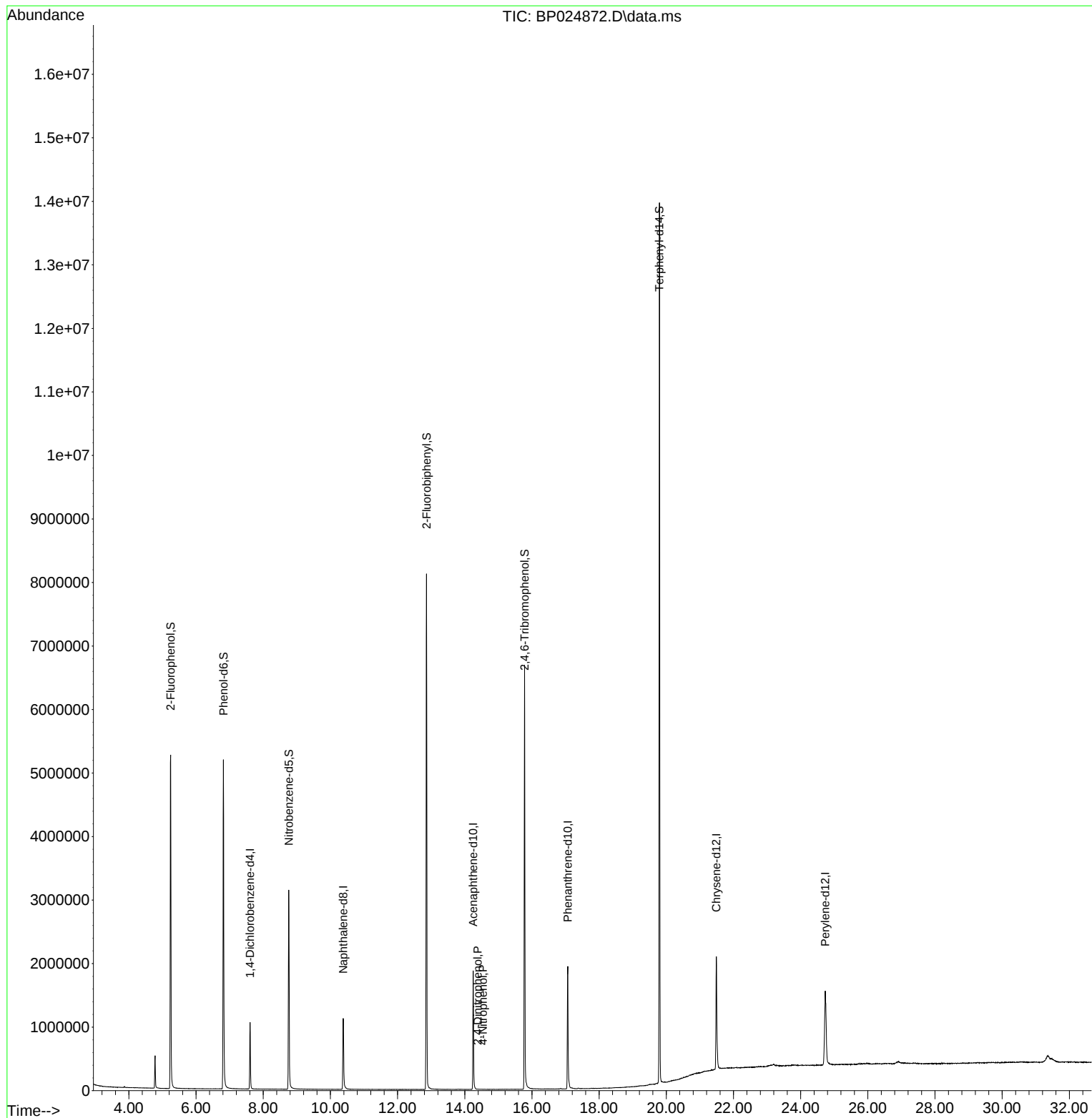
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	278652	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1083873	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	655689	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1268484	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1277128	20.000	ng	0.00
86) Perylene-d12	24.730	264	1472674	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2436717	145.966	ng	0.00
7) Phenol-d6	6.814	99	3036491	137.475	ng	0.00
23) Nitrobenzene-d5	8.760	82	1900527	85.206	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1295397	142.897	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4102972	84.296	ng	0.00
79) Terphenyl-d14	19.795	244	6423595	90.145	ng	0.00
Target Compounds						
54) 2,4-Dinitrophenol	14.384	184	10	5.565	ng	# 1
56) 4-Nitrophenol	14.537	139	23	5.412	ng	# 1

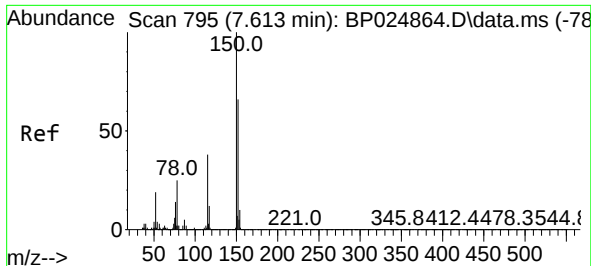
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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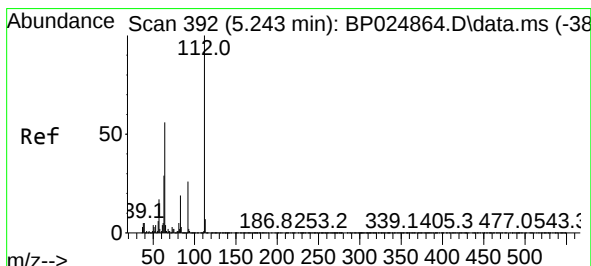
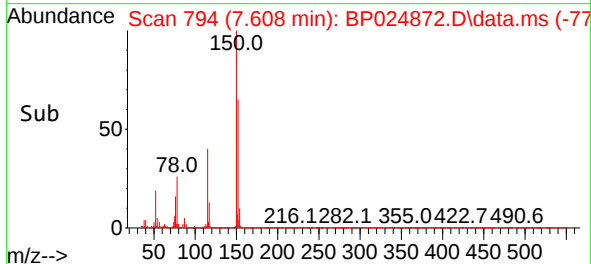
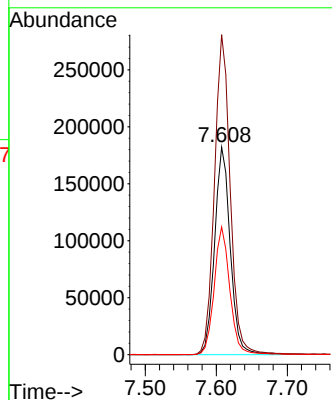
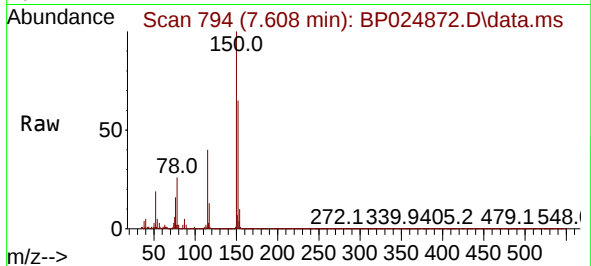




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

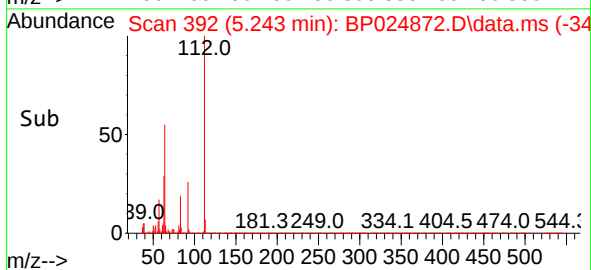
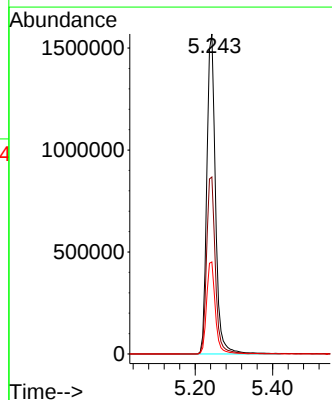
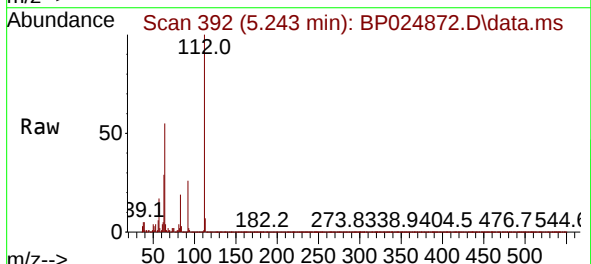
Instrument :
BNA_P
ClientSampleId :
PB168323BL

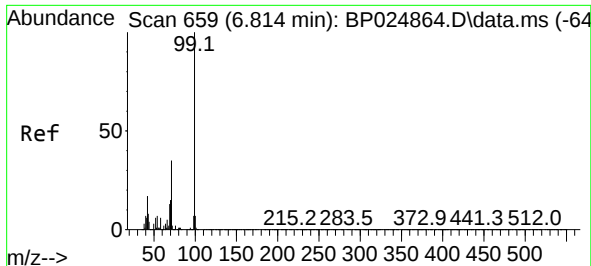
Tgt Ion:152 Resp: 278652
Ion Ratio Lower Upper
152 100
150 154.2 122.1 183.1
115 61.5 46.4 69.6



#5
2-Fluorophenol
Concen: 145.966 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:112 Resp: 2436717
Ion Ratio Lower Upper
112 100
64 55.3 44.7 67.1
63 28.7 23.5 35.3

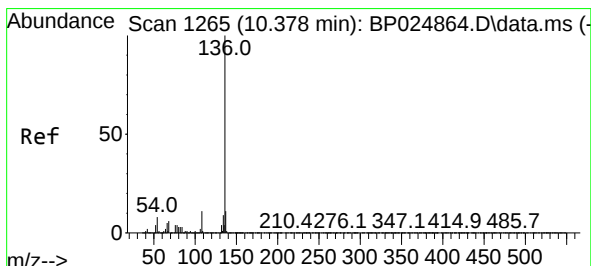
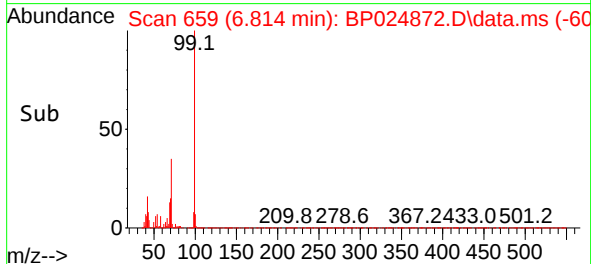
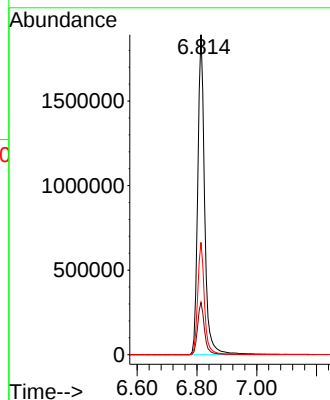
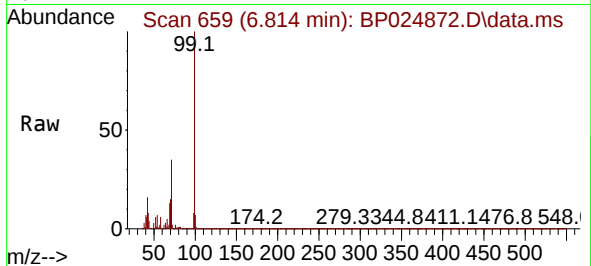




#7
Phenol-d6
Concen: 137.475 ng
RT: 6.814 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

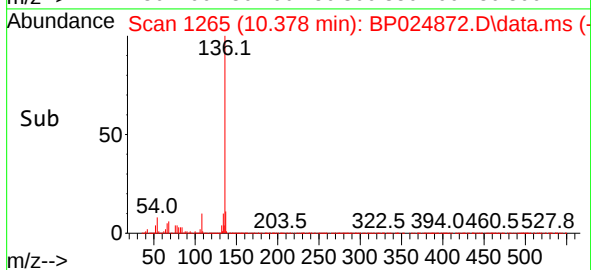
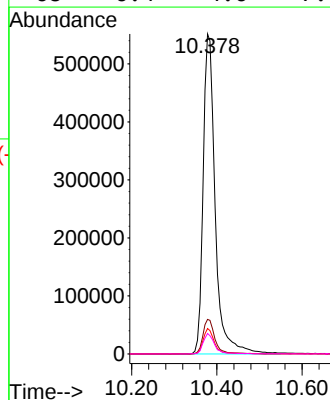
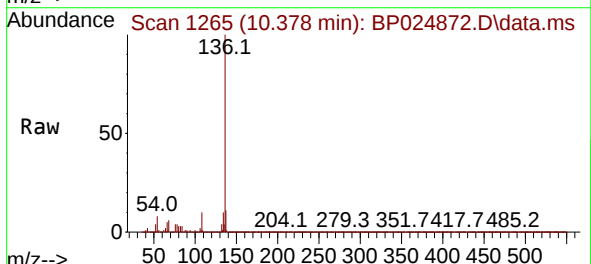
Instrument :
BNA_P
ClientSampleId :
PB168323BL

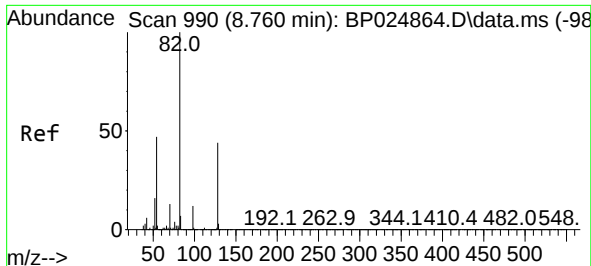
Tgt Ion: 99 Resp: 3036491
Ion Ratio Lower Upper
99 100
42 16.4 13.4 20.2
71 35.1 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:136 Resp: 1083873
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.9 6.1 9.1
68 6.4 4.6 7.0

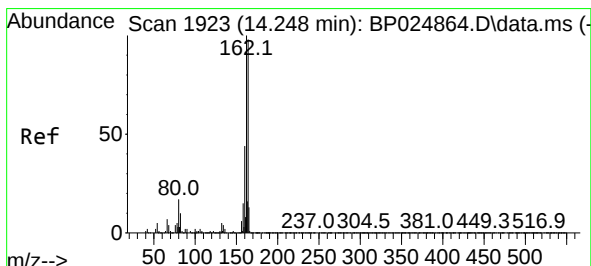
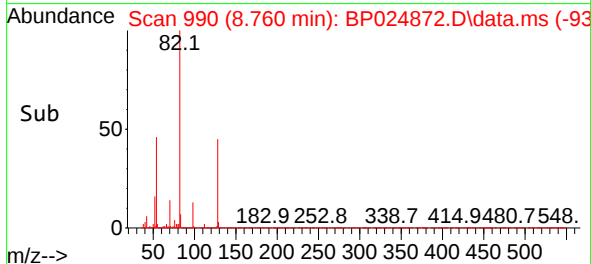
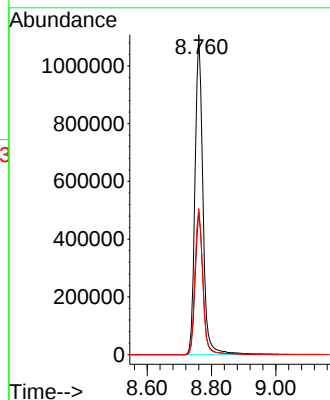
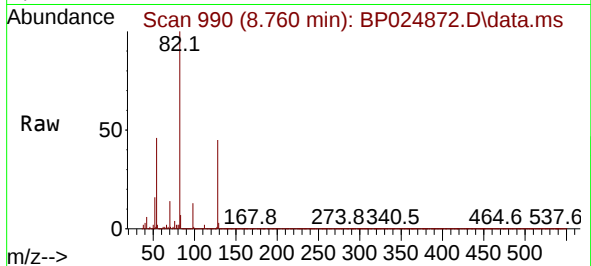




#23
Nitrobenzene-d5
Concen: 85.206 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

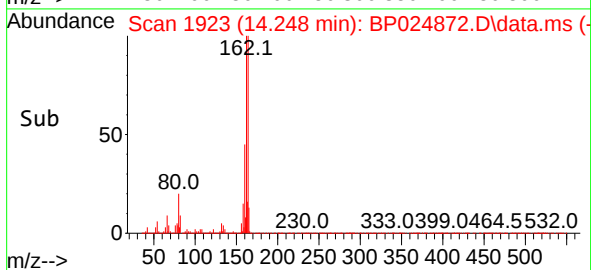
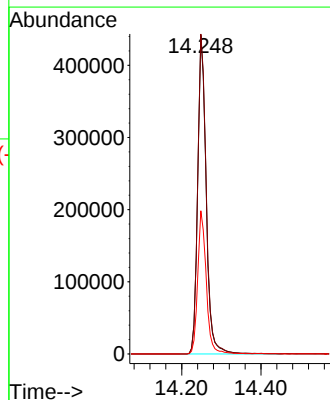
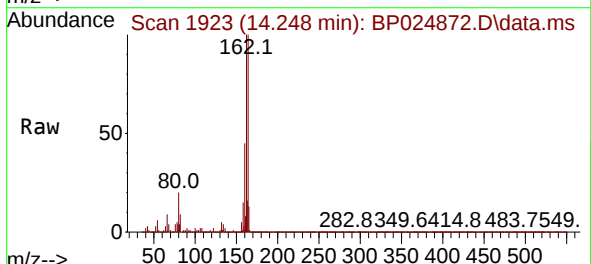
Instrument :
BNA_P
ClientSampleId :
PB168323BL

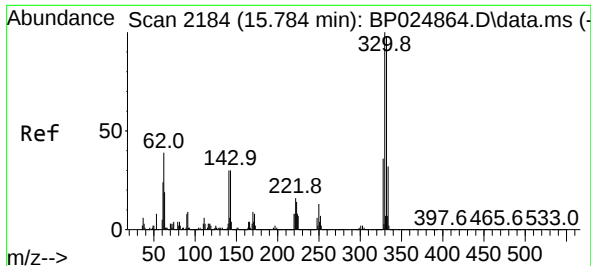
Tgt Ion: 82 Resp: 1900527
Ion Ratio Lower Upper
82 100
128 44.7 35.3 52.9
54 45.6 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:164 Resp: 655689
Ion Ratio Lower Upper
164 100
162 100.4 81.6 122.4
160 44.9 36.2 54.2

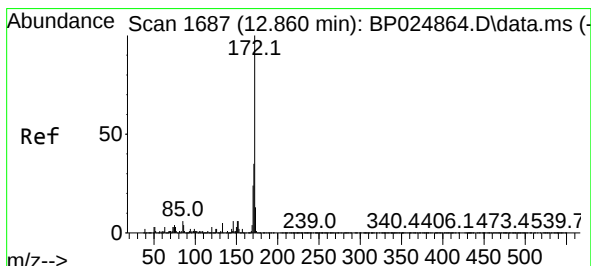
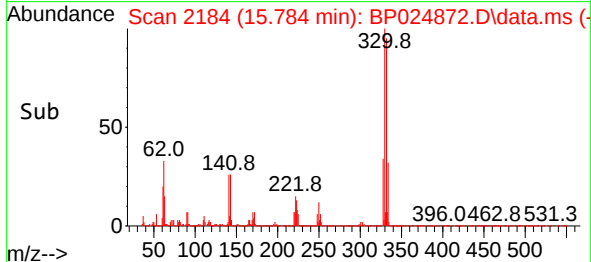
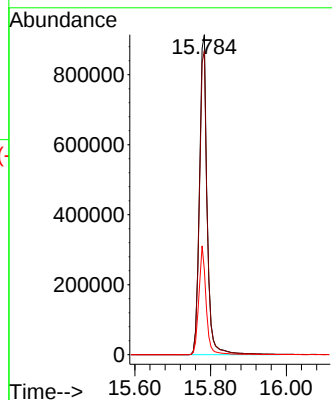
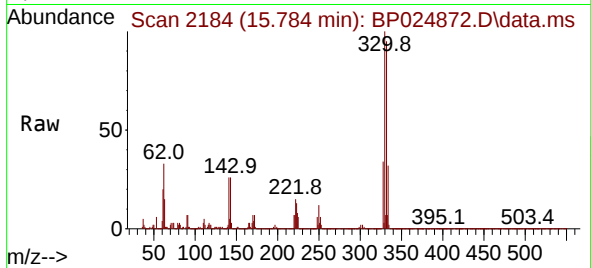




#42
2,4,6-Tribromophenol
Concen: 142.897 ng
RT: 15.784 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

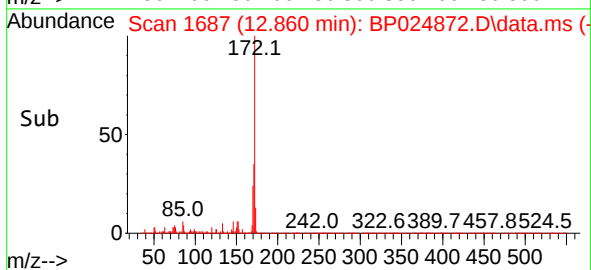
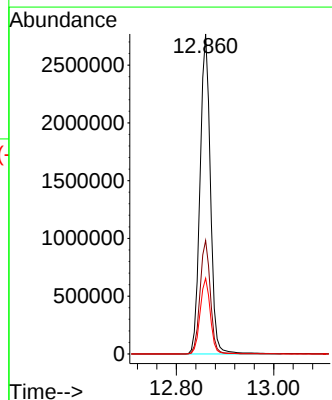
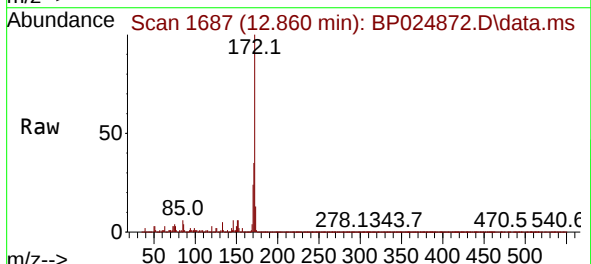
Instrument :
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ClientSampleId :
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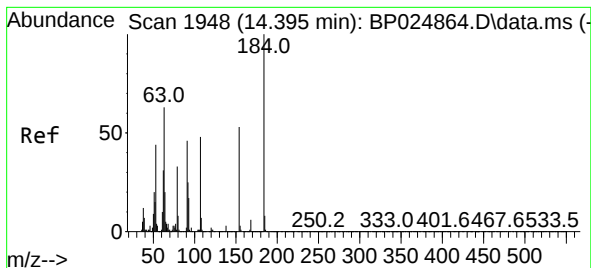
Tgt Ion:330 Resp: 1295397
Ion Ratio Lower Upper
330 100
332 95.2 77.7 116.5
141 32.3 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 84.296 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:172 Resp: 4102972
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.6 19.0 28.4





#54

2,4-Dinitrophenol

Concen: 5.565 ng

RT: 14.384 min Scan# 1946

Delta R.T. -0.011 min

Lab File: BP024872.D

Acq: 09 Jun 2025 11:24

Instrument :

BNA_P

ClientSampleId :

PB168323BL

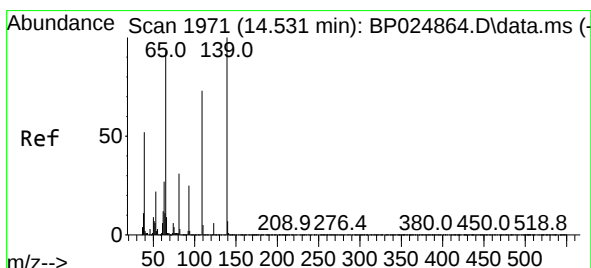
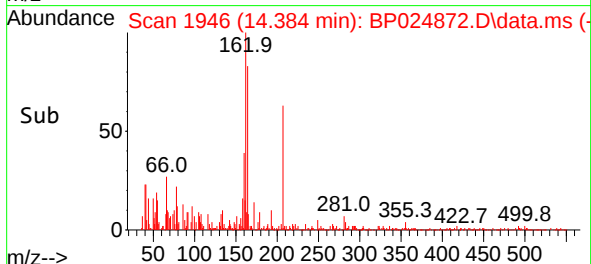
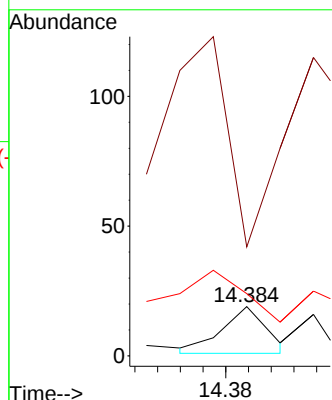
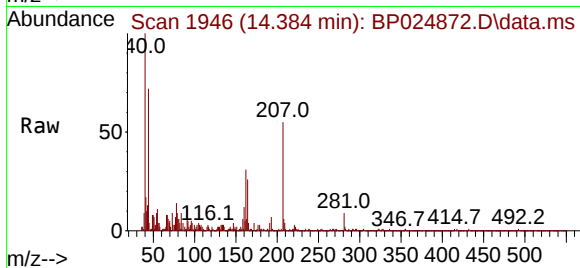
Tgt Ion:184 Resp: 10

Ion Ratio Lower Upper

184 100

63 221.1 51.0 76.4#

154 215.8 51.7 77.5#



#56

4-Nitrophenol

Concen: 5.412 ng

RT: 14.537 min Scan# 1972

Delta R.T. 0.006 min

Lab File: BP024872.D

Acq: 09 Jun 2025 11:24

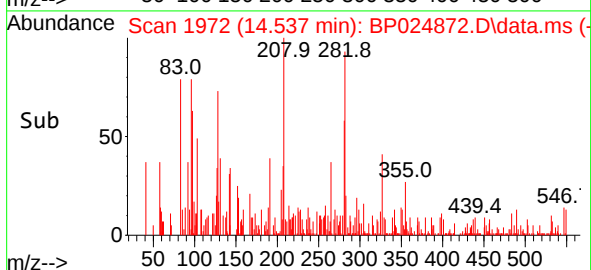
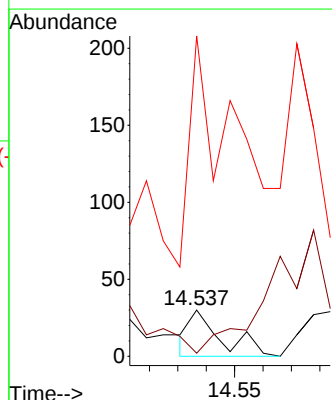
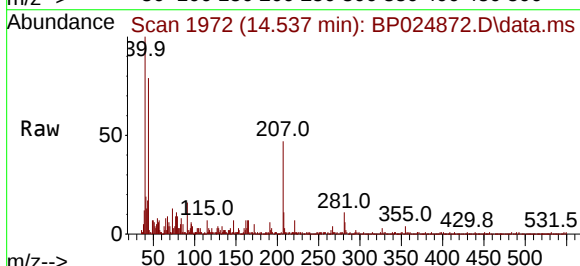
Tgt Ion:139 Resp: 23

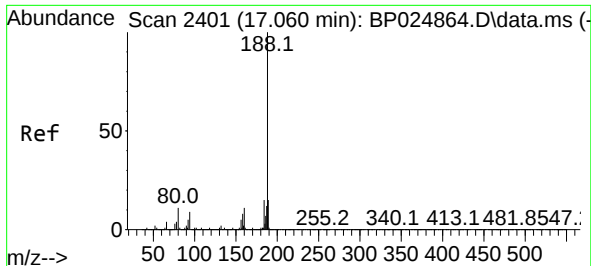
Ion Ratio Lower Upper

139 100

109 6.7 53.1 93.1#

65 693.3 73.0 113.0#

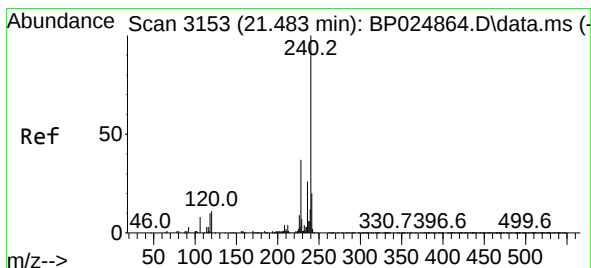
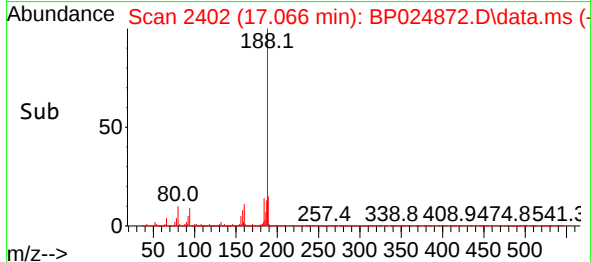
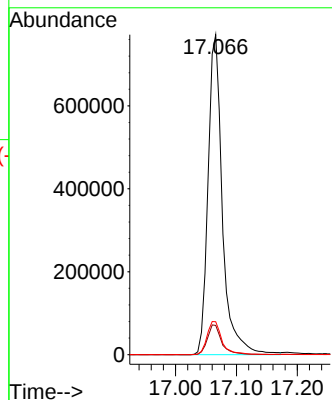
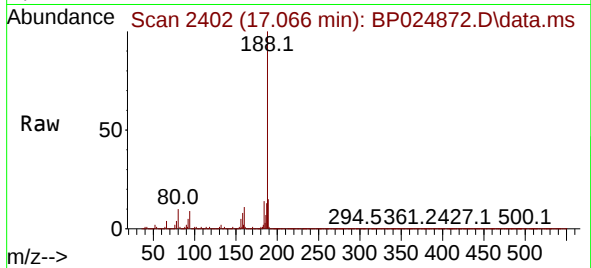




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

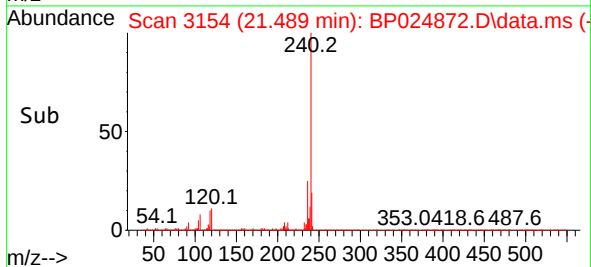
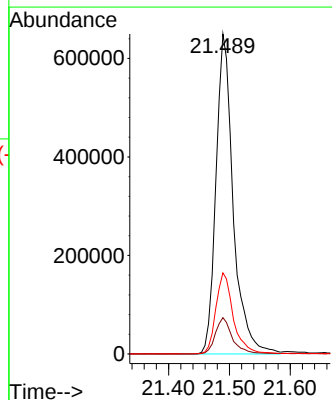
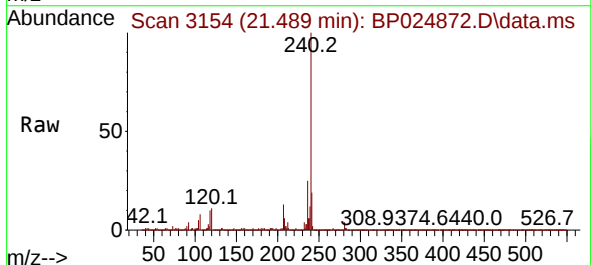
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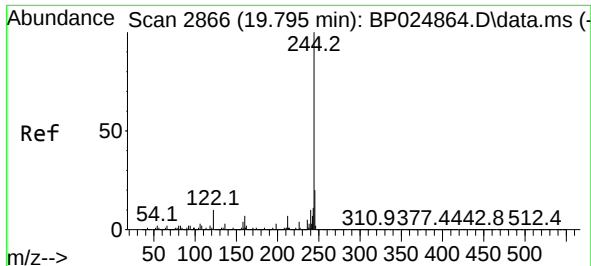
Tgt Ion:188 Resp: 1268484
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 10.3 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:240 Resp: 1277128
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.3 20.9 31.3

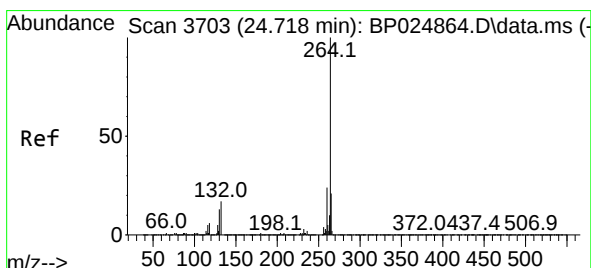
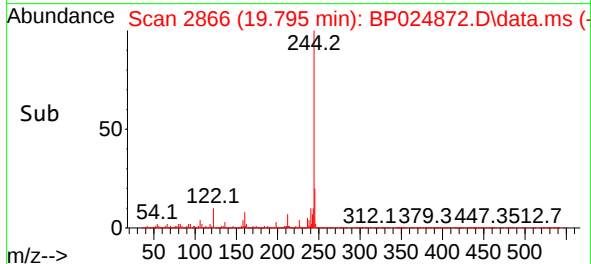
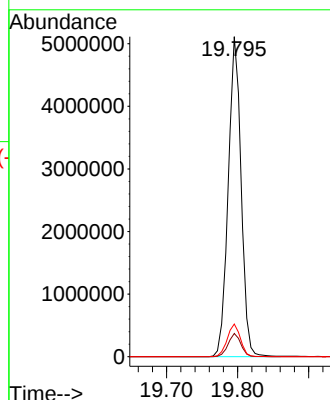
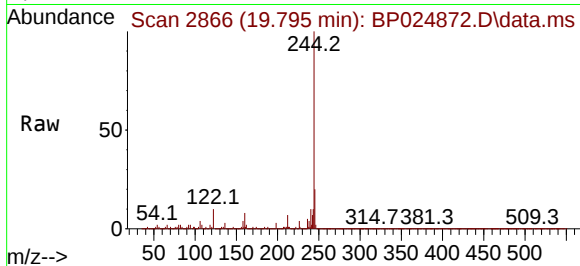




#79
 Terphenyl-d14
 Concen: 90.145 ng
 RT: 19.795 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP024872.D
 Acq: 09 Jun 2025 11:24

Instrument :
 BNA_P
 ClientSampleId :
 PB168323BL

Tgt Ion:244 Resp: 6423595
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.2 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.730 min Scan# 3705
 Delta R.T. 0.012 min
 Lab File: BP024872.D
 Acq: 09 Jun 2025 11:24

Tgt Ion:264 Resp: 1472674
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 22.1 17.4 26.0

