

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
 Data File : BP024254.D
 Acq On : 10 Apr 2025 17:08
 Operator : RC/JU
 Sample : Q1748-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 IB-1.5-WC

Quant Time: Apr 10 18:00:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 10 11:43:37 2025
 Response via : Initial Calibration

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

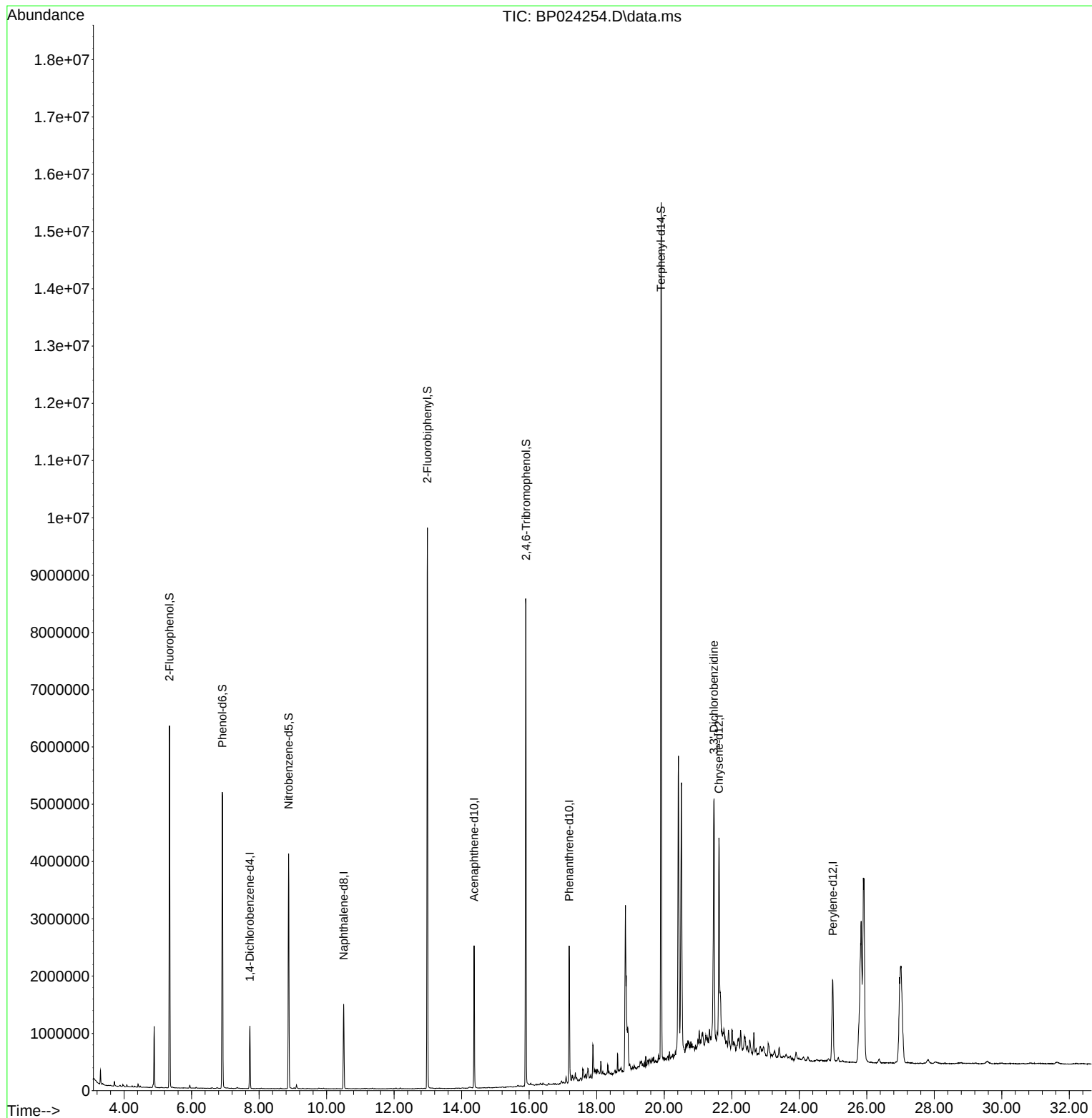
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	310852	20.000	ng	-0.02
21) Naphthalene-d8	10.505	136	1223424	20.000	ng	-0.02
39) Acenaphthene-d10	14.369	164	757106	20.000	ng	-0.02
64) Phenanthrene-d10	17.187	188	1505517	20.000	ng	0.00
76) Chrysene-d12	21.622	240	1578461	20.000	ng	-0.02
86) Perylene-d12	24.992	264	1614252	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2890497	148.432	ng	-0.01
7) Phenol-d6	6.911	99	3387580	130.086	ng	-0.02
23) Nitrobenzene-d5	8.875	82	2349406	108.348	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	1770035	185.602	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	4969267	96.781	ng	-0.01
79) Terphenyl-d14	19.910	244	8600883	112.478	ng	0.00
Target Compounds						
82) 3,3'-Dichlorobenzidine	21.475	252	3943835	119.906	ng	Qvalue # 32

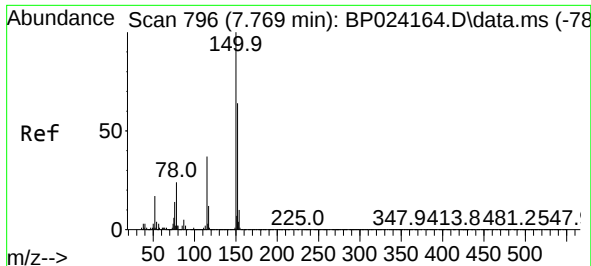
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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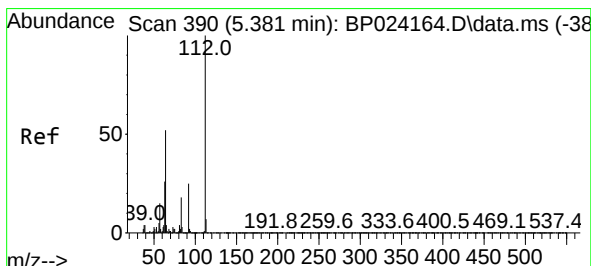
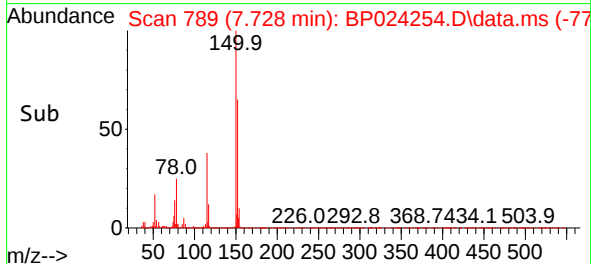
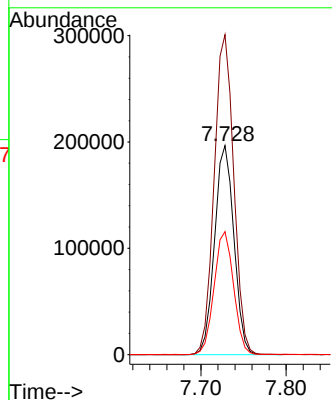
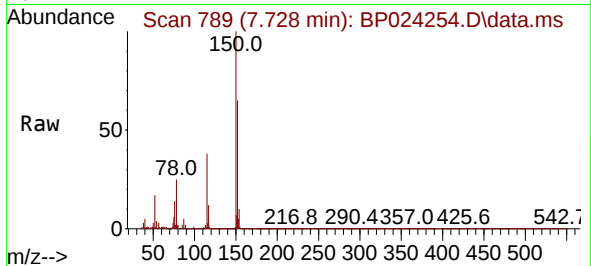




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 71
Delta R.T. -0.018 min
Lab File: BP024254.D
Acq: 10 Apr 2025 17:08

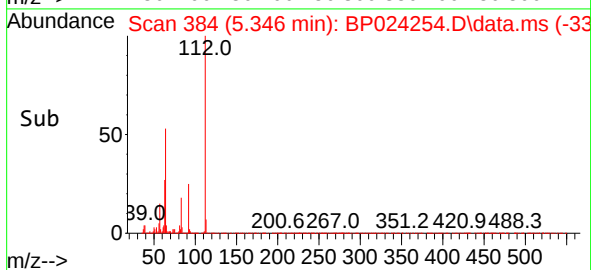
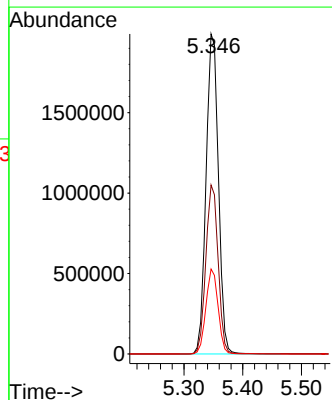
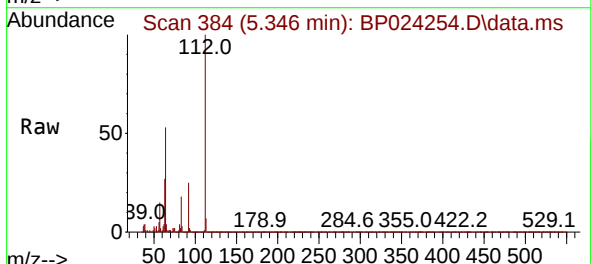
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WC

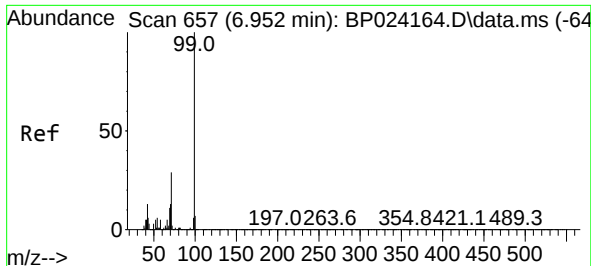
Tgt Ion:152 Resp: 310852
Ion Ratio Lower Upper
152 100
150 153.0 125.5 188.3
115 58.8 46.3 69.5



#5
2-Fluorophenol
Concen: 148.432 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.011 min
Lab File: BP024254.D
Acq: 10 Apr 2025 17:08

Tgt Ion:112 Resp: 2890497
Ion Ratio Lower Upper
112 100
64 52.8 41.3 61.9
63 26.5 20.6 31.0

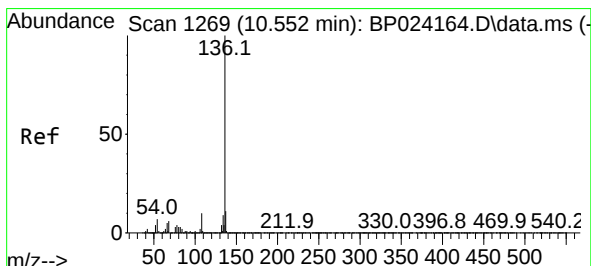
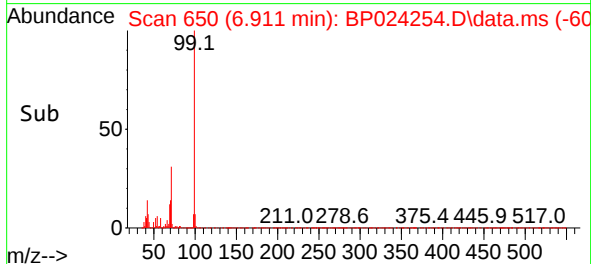
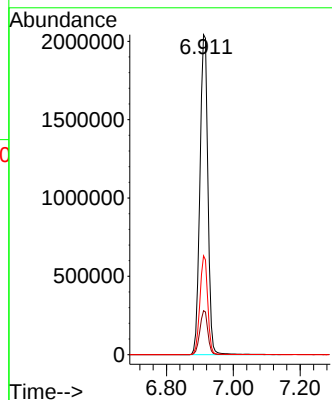
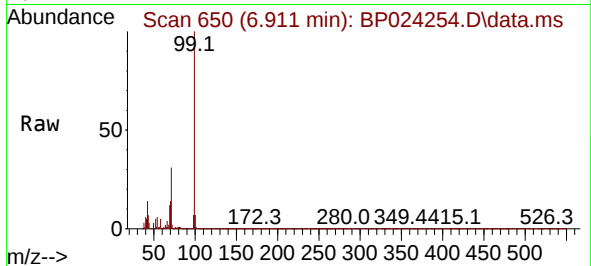




#7
Phenol-d6
Concen: 130.086 ng
RT: 6.911 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP024254.D
Acq: 10 Apr 2025 17:08

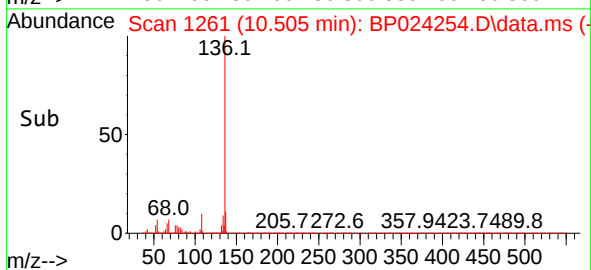
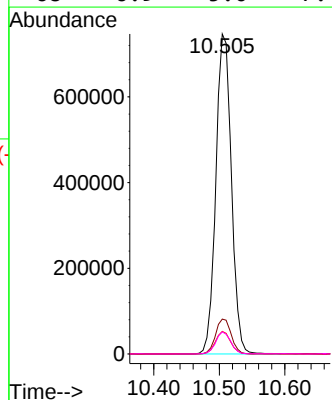
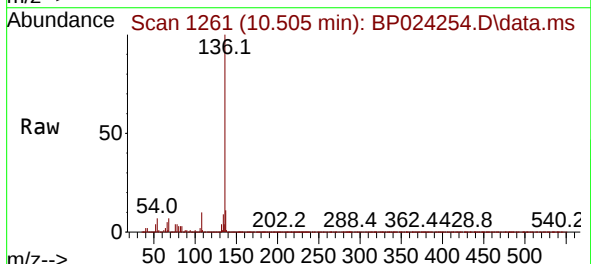
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WC

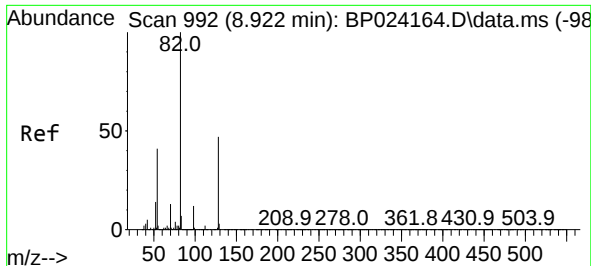
Tgt Ion: 99 Resp: 3387580
Ion Ratio Lower Upper
99 100
42 13.8 10.6 16.0
71 30.9 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1261
Delta R.T. -0.023 min
Lab File: BP024254.D
Acq: 10 Apr 2025 17:08

Tgt Ion: 136 Resp: 1223424
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.1 5.3 7.9
68 6.9 5.0 7.4

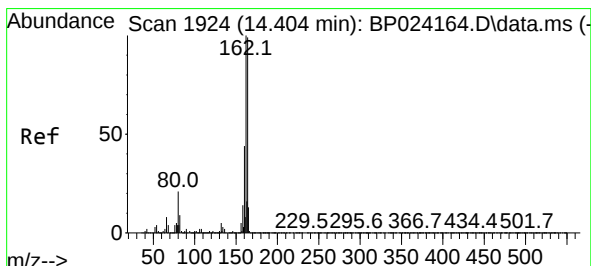
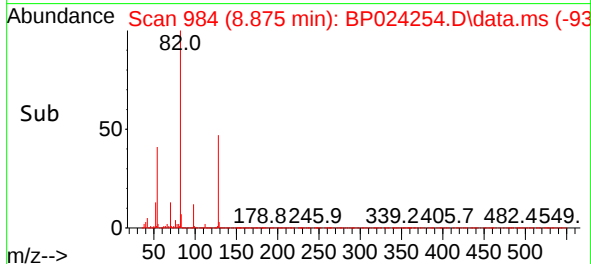
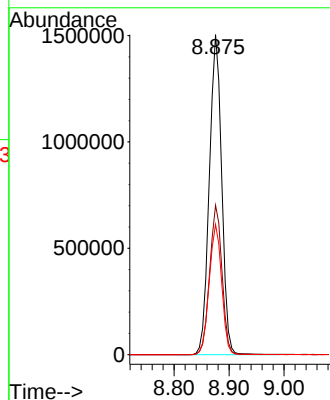
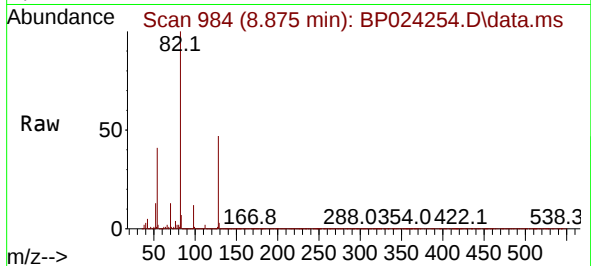




#23
Nitrobenzene-d5
Concen: 108.348 ng
RT: 8.875 min Scan# 918
Delta R.T. -0.017 min
Lab File: BP024254.D
Acq: 10 Apr 2025 17:08

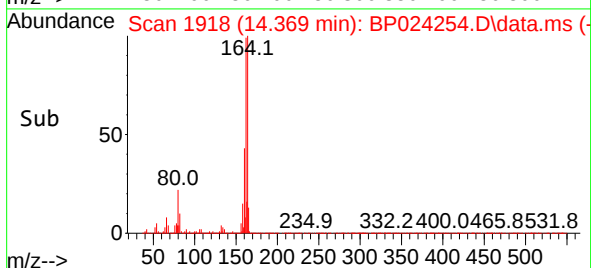
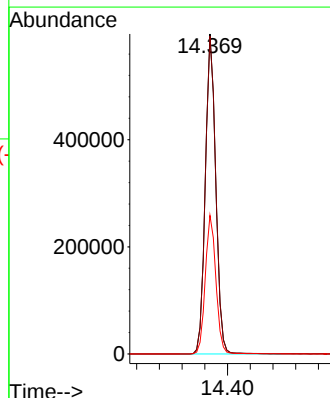
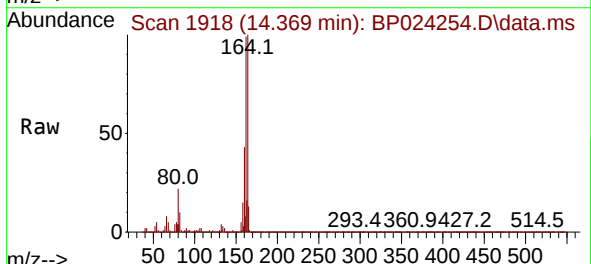
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WC

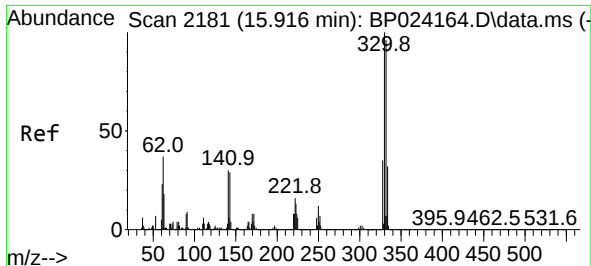
Tgt Ion: 82 Resp: 2349406
Ion Ratio Lower Upper
82 100
128 46.7 37.4 56.0
54 40.7 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.023 min
Lab File: BP024254.D
Acq: 10 Apr 2025 17:08

Tgt Ion: 164 Resp: 757106
Ion Ratio Lower Upper
164 100
162 99.4 80.6 121.0
160 43.3 35.4 53.2

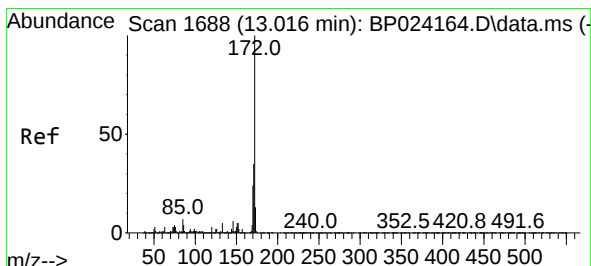
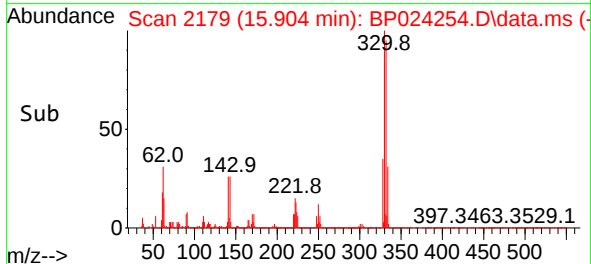
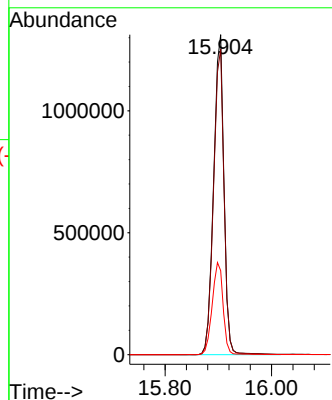
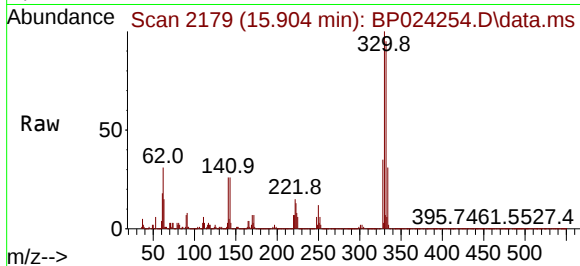




#42
2,4,6-Tribromophenol
Concen: 185.602 ng
RT: 15.904 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BP024254.D
Acq: 10 Apr 2025 17:08

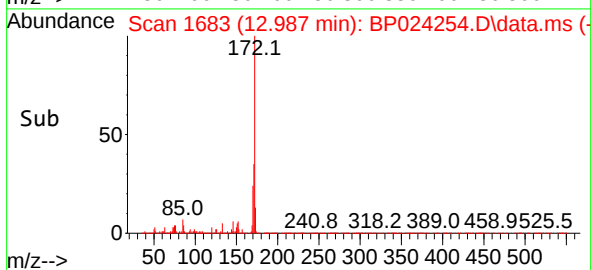
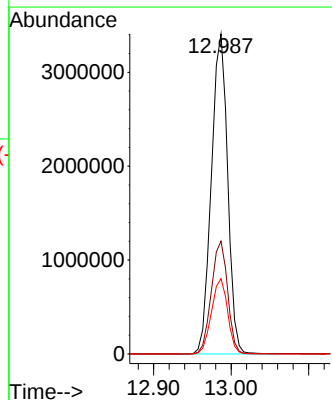
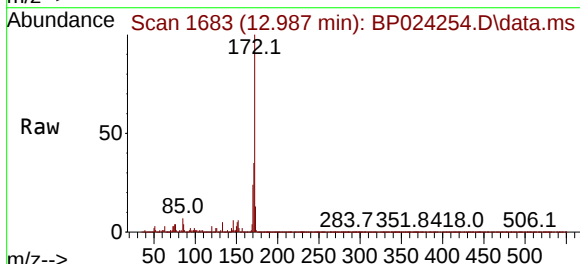
Instrument :
BNA_P
ClientSampleId :
IB-1.5-WC

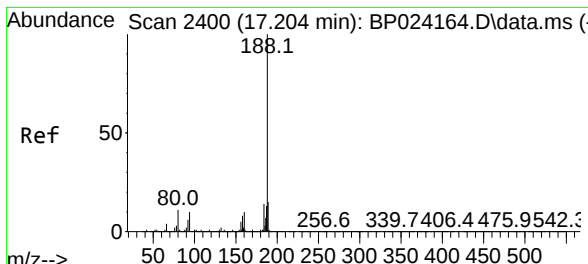
Tgt Ion:330 Resp: 1770035
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 30.3 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 96.781 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.011 min
Lab File: BP024254.D
Acq: 10 Apr 2025 17:08

Tgt Ion:172 Resp: 4969267
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.6 19.0 28.4

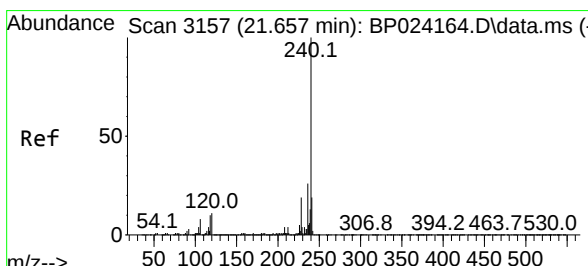
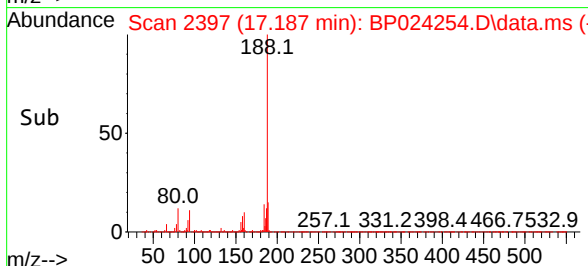
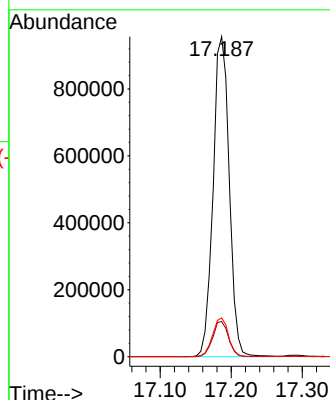
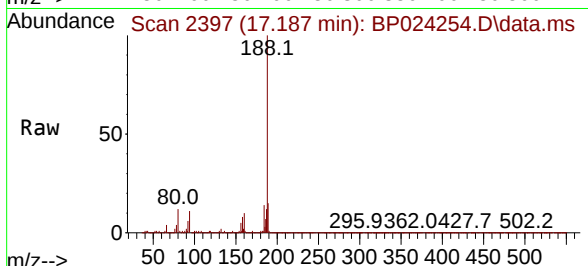




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.187 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024254.D
Acq: 10 Apr 2025 17:08

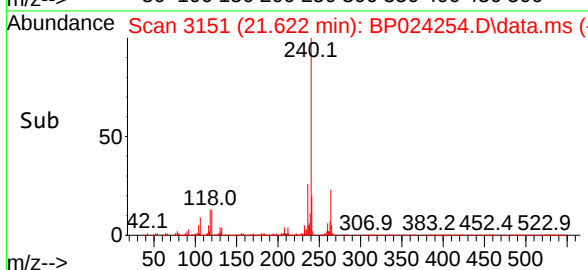
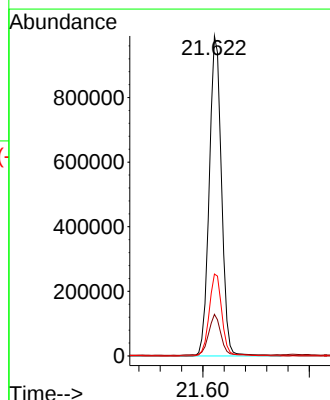
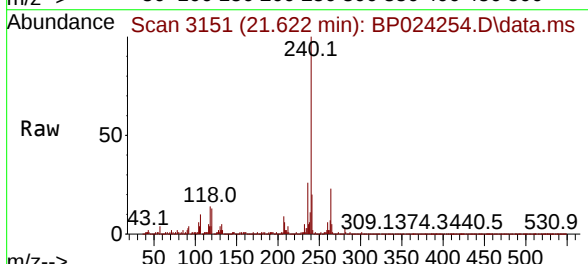
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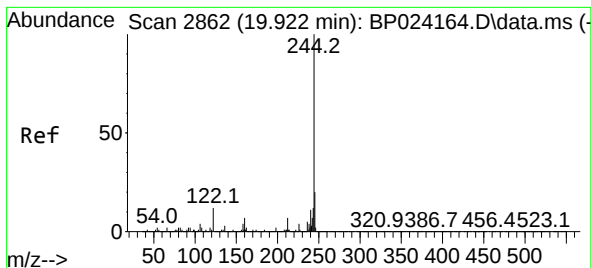
Tgt Ion:188 Resp: 1505517
Ion Ratio Lower Upper
188 100
94 11.0 8.1 12.1
80 12.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.622 min Scan# 3151
Delta R.T. -0.023 min
Lab File: BP024254.D
Acq: 10 Apr 2025 17:08

Tgt Ion:240 Resp: 1578461
Ion Ratio Lower Upper
240 100
120 13.0 9.2 13.8
236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 112.478 ng

RT: 19.910 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024254.D

Acq: 10 Apr 2025 17:08

Instrument :

BNA_P

ClientSampleId :

IB-1.5-WC

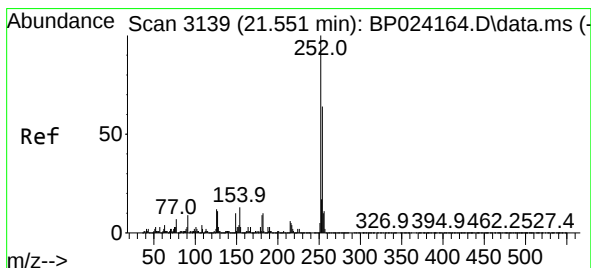
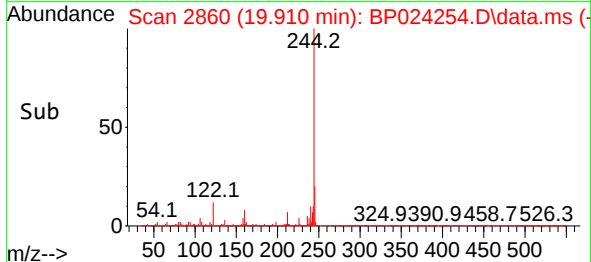
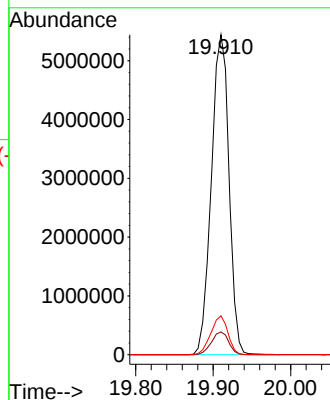
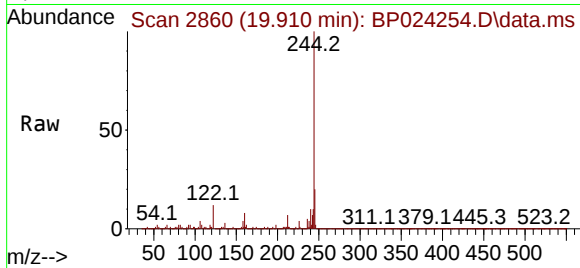
Tgt Ion:244 Resp: 8600883

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 12.2 9.6 14.4



#82

3,3'-Dichlorobenzidine

Concen: 119.906 ng

RT: 21.475 min Scan# 3126

Delta R.T. -0.064 min

Lab File: BP024254.D

Acq: 10 Apr 2025 17:08

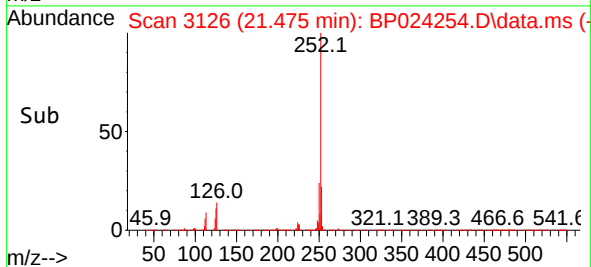
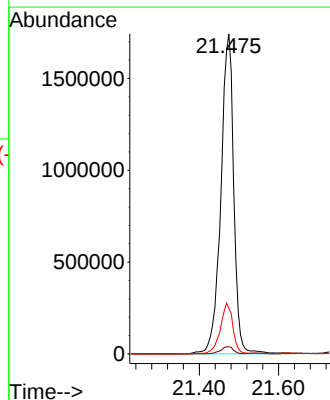
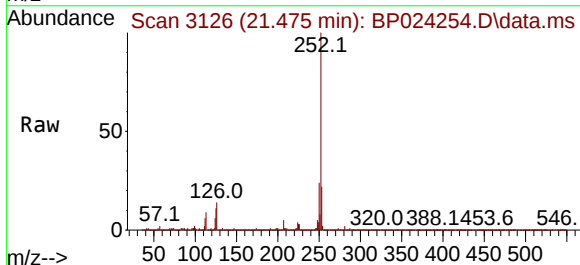
Tgt Ion:252 Resp: 3943835

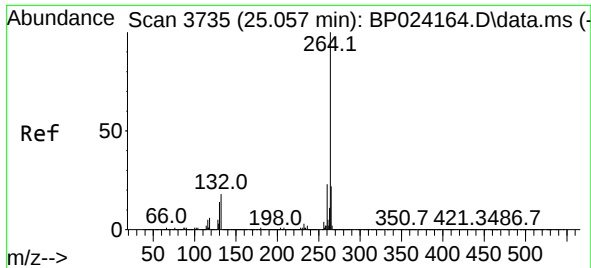
Ion Ratio Lower Upper

252 100

254 2.3 51.4 77.2#

126 14.3 9.3 13.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.992 min Scan# 31
 Delta R.T. -0.017 min
 Lab File: BP024254.D
 Acq: 10 Apr 2025 17:08

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Tgt Ion:264 Resp: 1614252
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 22.0 17.7 26.5

