

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
 Data File : BP024874.D
 Acq On : 09 Jun 2025 12:50
 Operator : RC/JU
 Sample : Q2210-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW1

Quant Time: Jun 09 13:13:17 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)

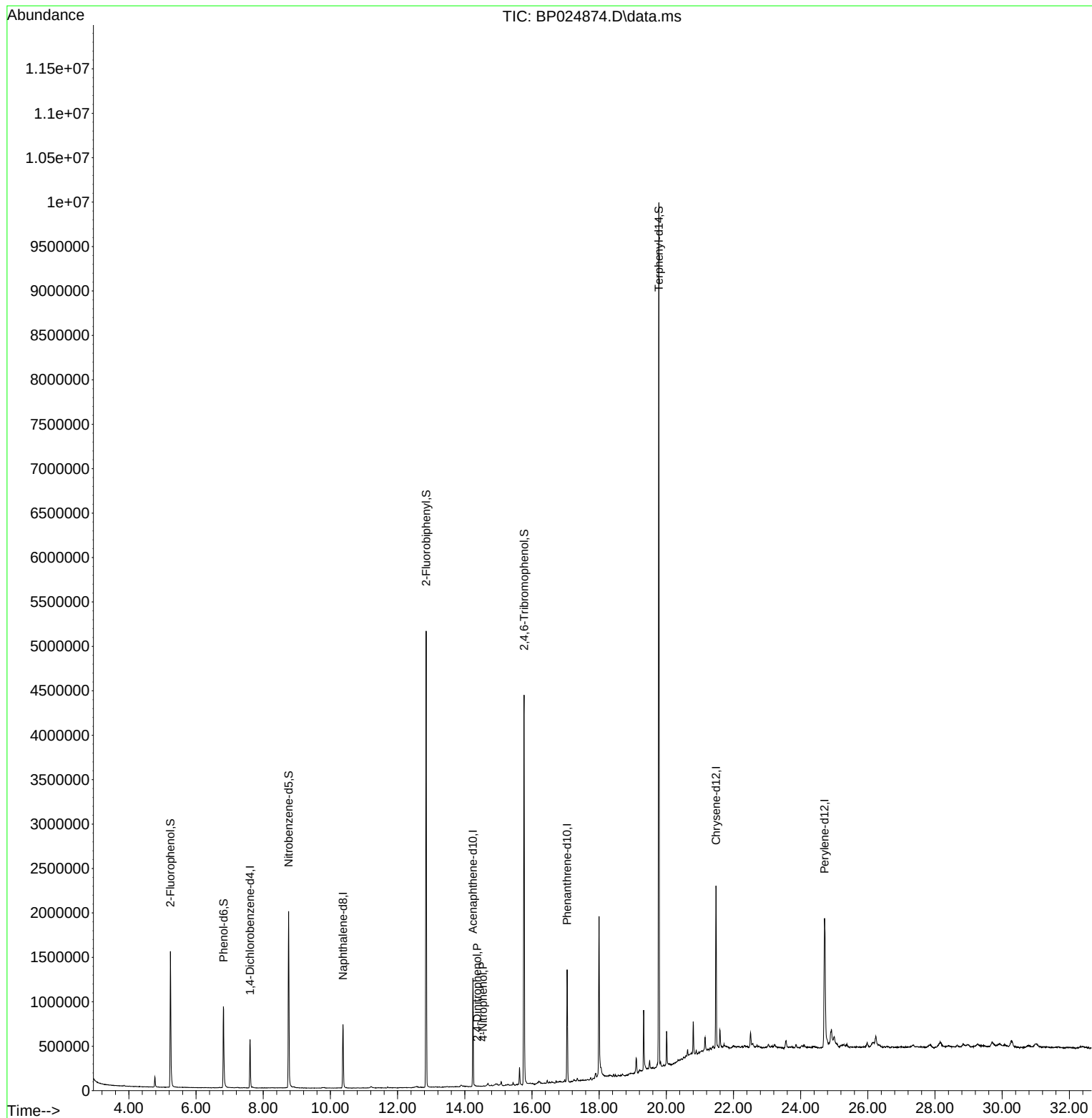
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	152557	20.000	ng	0.00
21) Naphthalene-d8	10.372	136	617882	20.000	ng	0.00
39) Acenaphthene-d10	14.242	164	395301	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	788461	20.000	ng	-0.01
76) Chrysene-d12	21.483	240	1056540	20.000	ng	0.00
86) Perylene-d12	24.712	264	1470569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	742475	81.238	ng	0.00
7) Phenol-d6	6.813	99	614677	50.831	ng	0.00
23) Nitrobenzene-d5	8.754	82	1169640	91.986	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	895820	163.912	ng	-0.02
45) 2-Fluorobiphenyl	12.848	172	2487280	84.762	ng	-0.01
79) Terphenyl-d14	19.777	244	4732640	80.282	ng	-0.02
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.372	184	76	5.581	ng	# 1
56) 4-Nitrophenol	14.536	139	171	5.438	ng	# 5

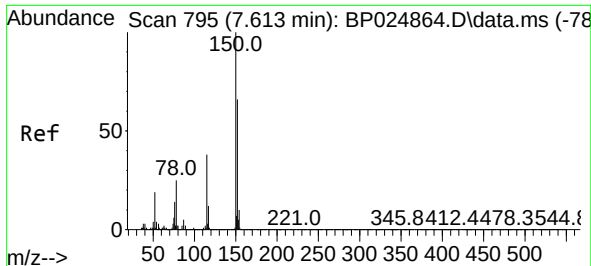
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 06 16:20:27 2025
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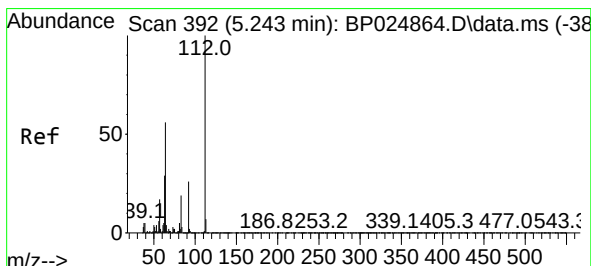
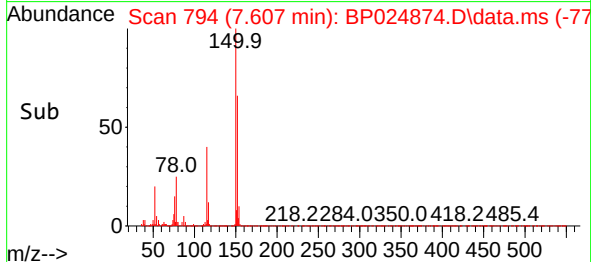
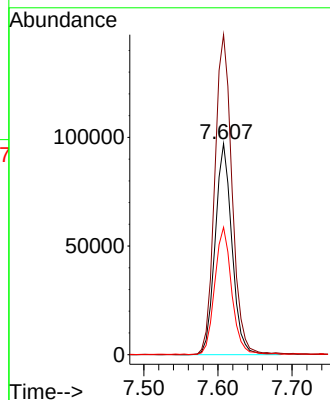
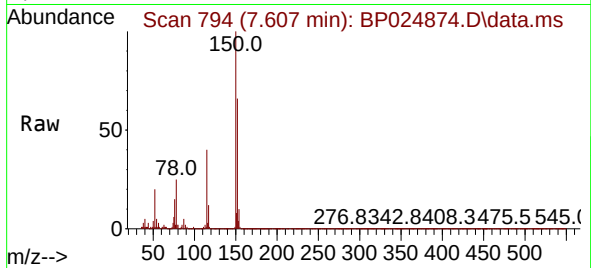




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

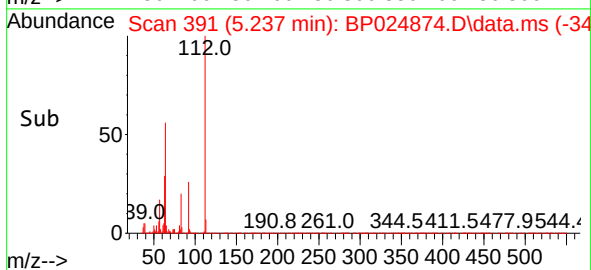
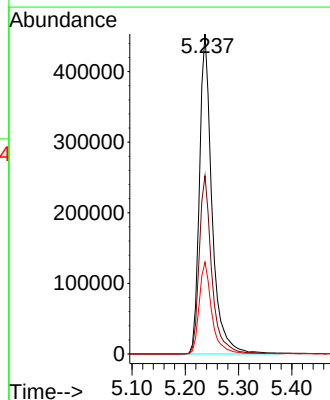
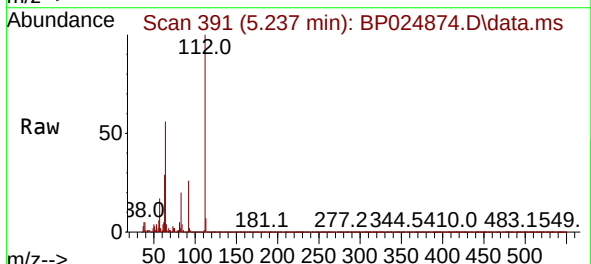
Instrument :
BNA_P
ClientSampleId :
TW1

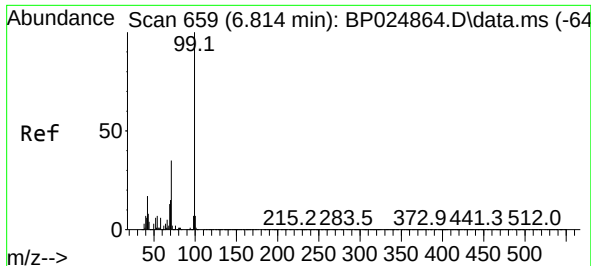
Tgt Ion:152 Resp: 152557
Ion Ratio Lower Upper
152 100
150 151.6 122.1 183.1
115 60.4 46.4 69.6



#5
2-Fluorophenol
Concen: 81.238 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion:112 Resp: 742475
Ion Ratio Lower Upper
112 100
64 55.7 44.7 67.1
63 28.7 23.5 35.3

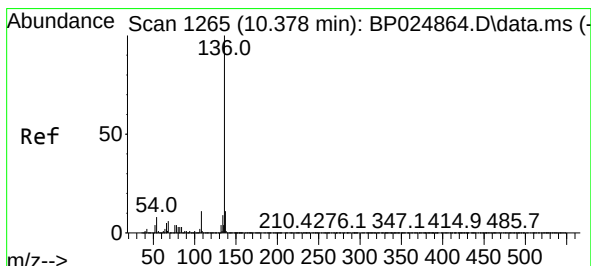
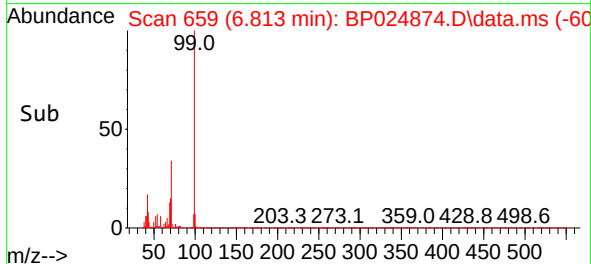
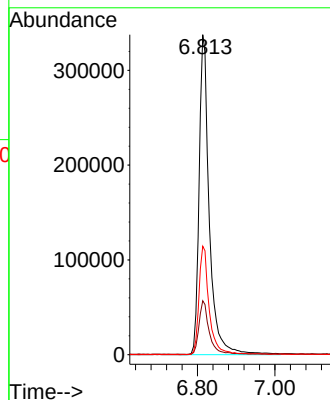
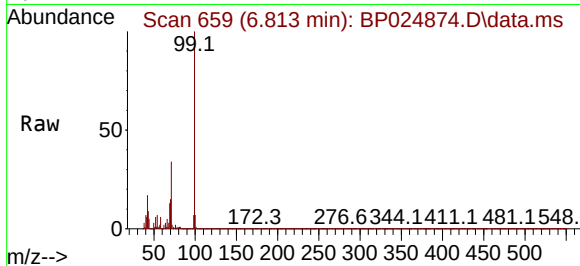




#7
Phenol-d6
Concen: 50.831 ng
RT: 6.813 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

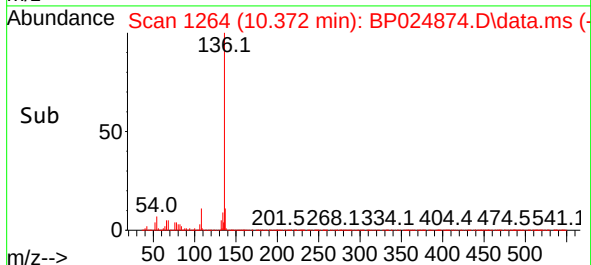
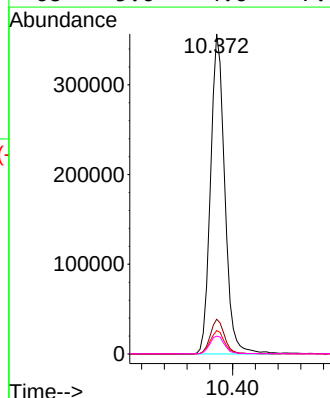
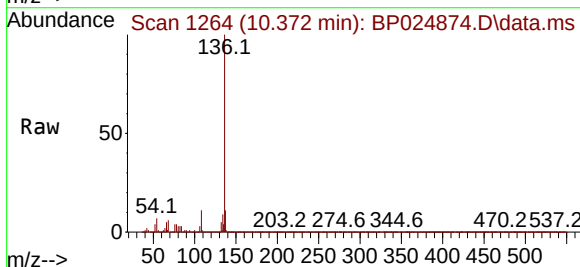
Instrument :
BNA_P
ClientSampleId :
TW1

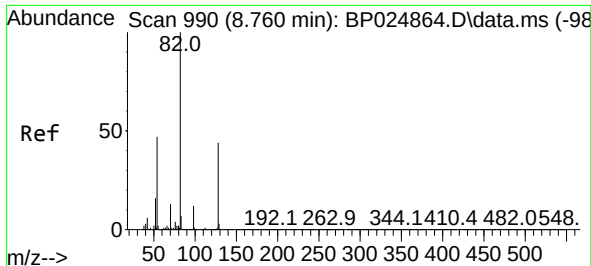
Tgt Ion: 99 Resp: 614677
Ion Ratio Lower Upper
99 100
42 16.9 13.4 20.2
71 33.9 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion: 136 Resp: 617882
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 6.1 9.1
68 5.6 4.6 7.0

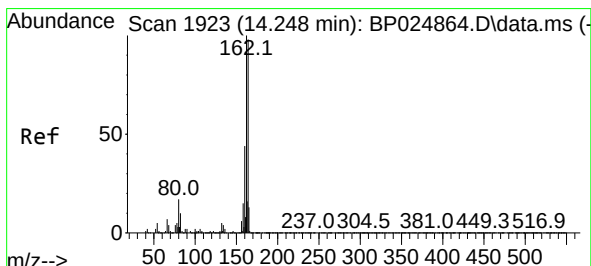
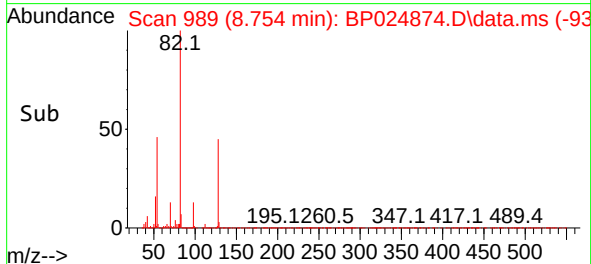
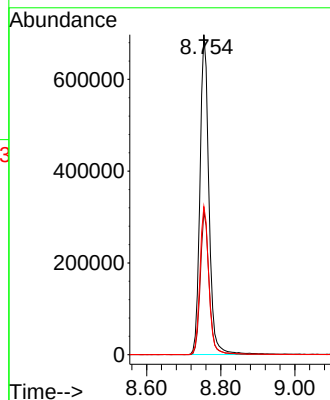
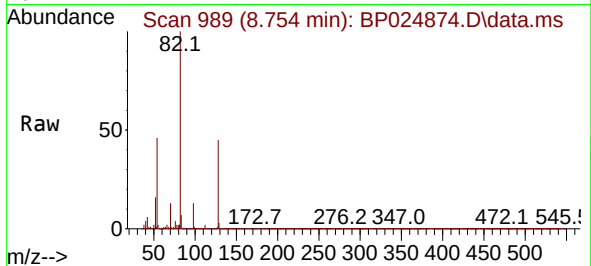




#23
Nitrobenzene-d5
Concen: 91.986 ng
RT: 8.754 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

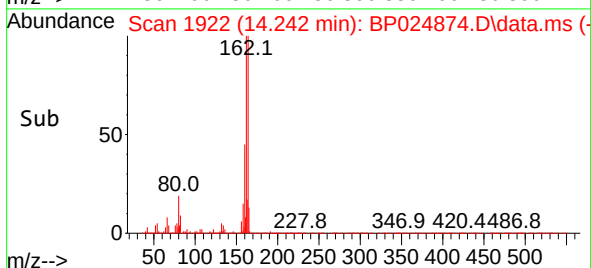
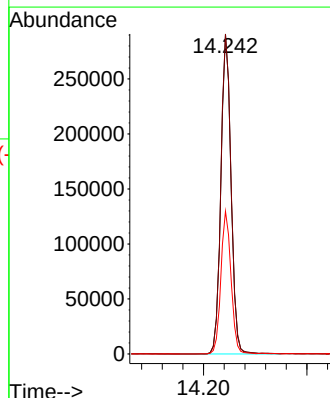
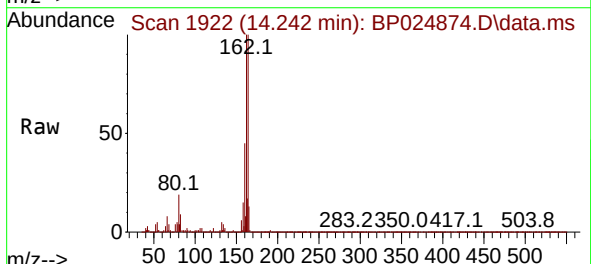
Instrument :
BNA_P
ClientSampleId :
TW1

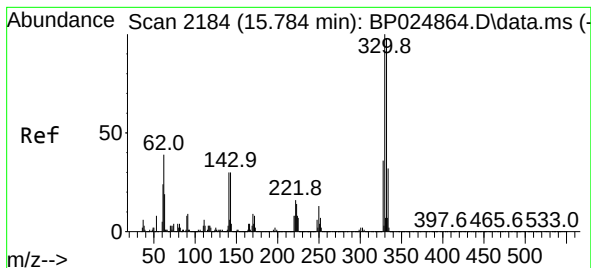
Tgt Ion: 82 Resp: 1169640
Ion Ratio Lower Upper
82 100
128 44.7 35.3 52.9
54 46.3 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.242 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion:164 Resp: 395301
Ion Ratio Lower Upper
164 100
162 99.9 81.6 122.4
160 44.6 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 163.912 ng

RT: 15.766 min Scan# 2184

Delta R.T. -0.018 min

Lab File: BP024874.D

Acq: 09 Jun 2025 12:50

Instrument :

BNA_P

ClientSampleId :

TW1

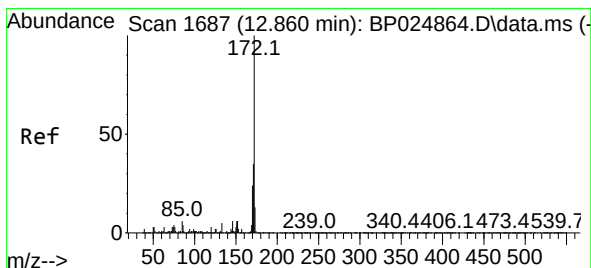
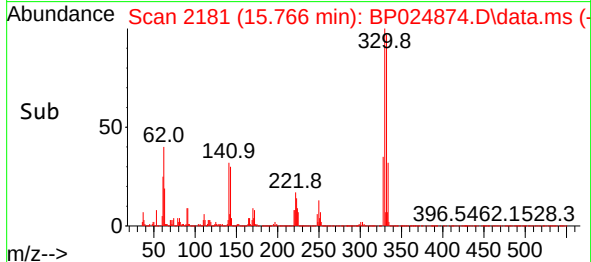
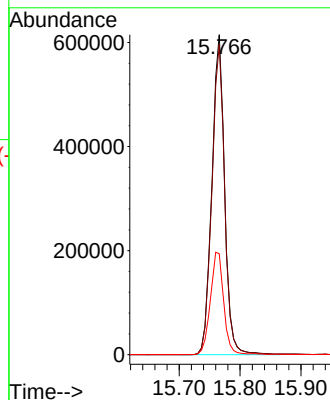
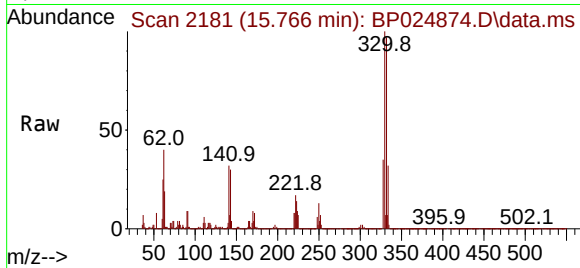
Tgt Ion:330 Resp: 895820

Ion Ratio Lower Upper

330 100

332 97.0 77.7 116.5

141 33.5 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 84.762 ng

RT: 12.848 min Scan# 1685

Delta R.T. -0.012 min

Lab File: BP024874.D

Acq: 09 Jun 2025 12:50

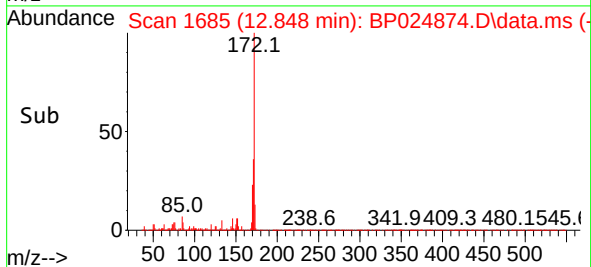
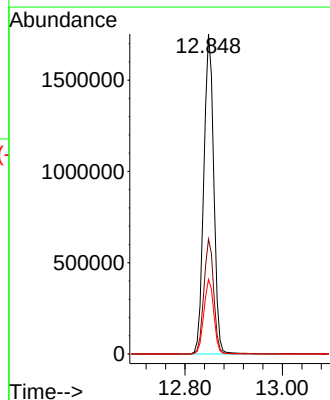
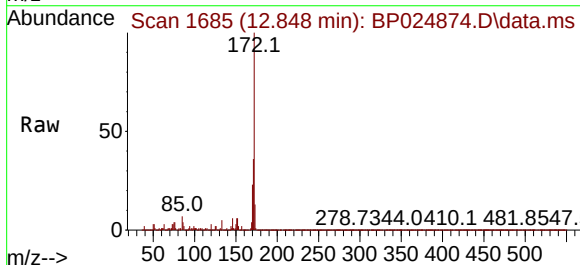
Tgt Ion:172 Resp: 2487280

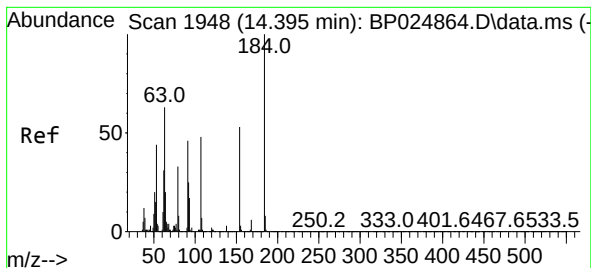
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.3 19.0 28.4

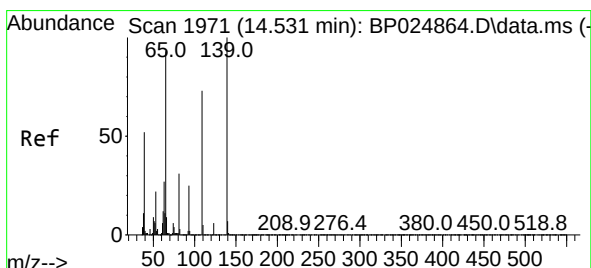
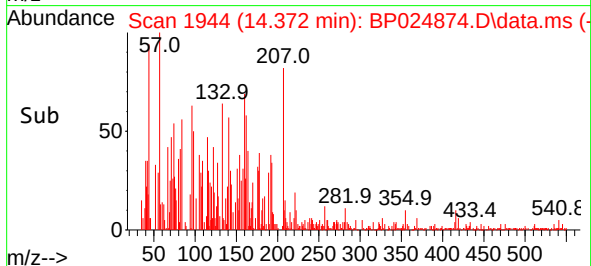
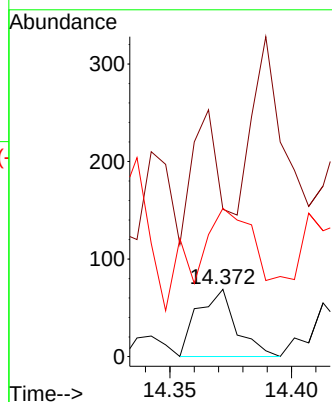
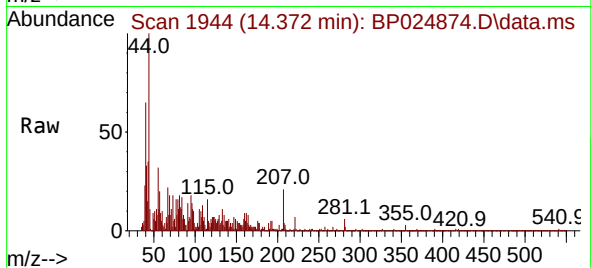




#54
2,4-Dinitrophenol
Concen: 5.581 ng
RT: 14.372 min Scan# 1948
Delta R.T. -0.023 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

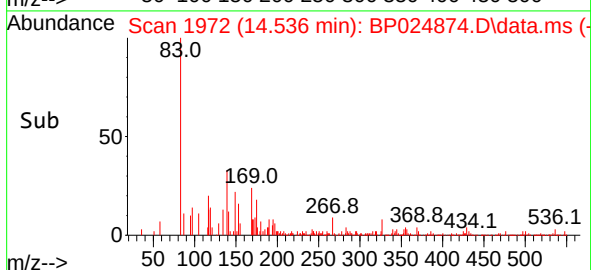
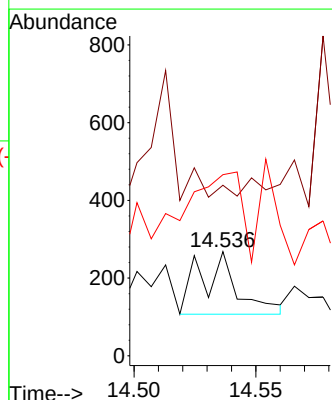
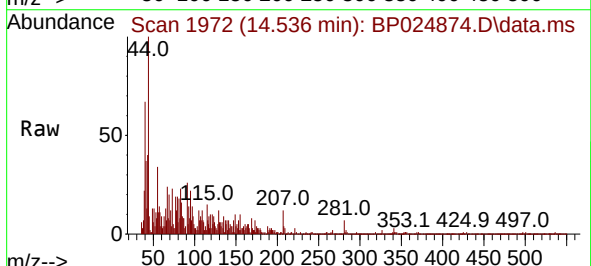
Instrument :
BNA_P
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TW1

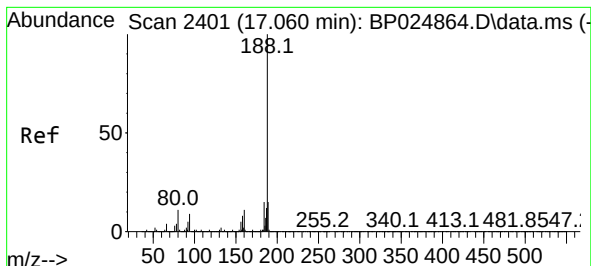
Tgt Ion:184 Resp: 76
Ion Ratio Lower Upper
184 100
63 218.8 51.0 76.4#
154 220.3 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.438 ng
RT: 14.536 min Scan# 1972
Delta R.T. 0.005 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion:139 Resp: 171
Ion Ratio Lower Upper
139 100
109 163.8 53.1 93.1#
65 173.9 73.0 113.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.048 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024874.D

Acq: 09 Jun 2025 12:50

Instrument :

BNA_P

ClientSampleId :

TW1

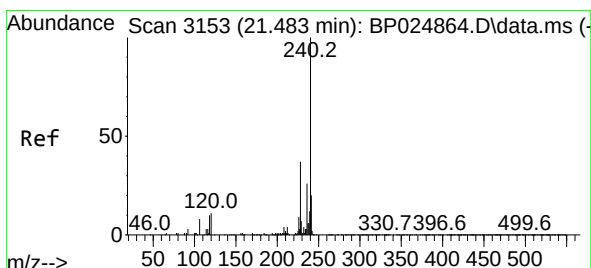
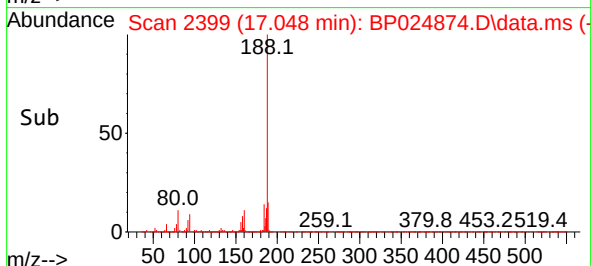
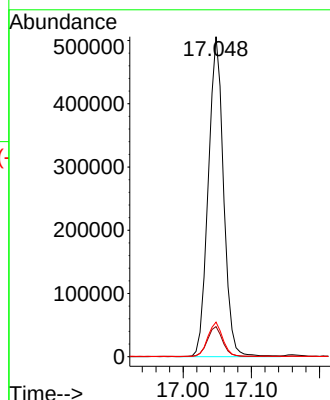
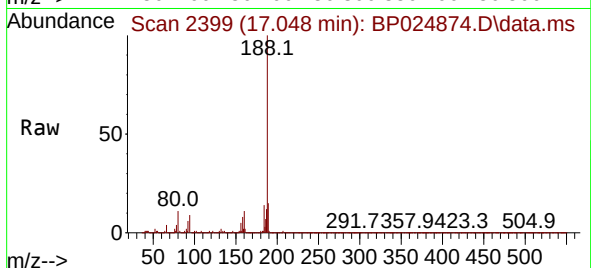
Tgt Ion:188 Resp: 788461

Ion Ratio Lower Upper

188 100

94 9.4 7.3 10.9

80 10.8 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.483 min Scan# 3153

Delta R.T. -0.000 min

Lab File: BP024874.D

Acq: 09 Jun 2025 12:50

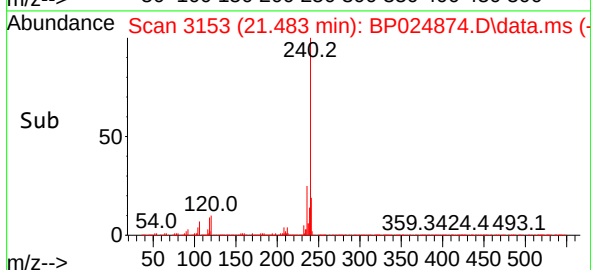
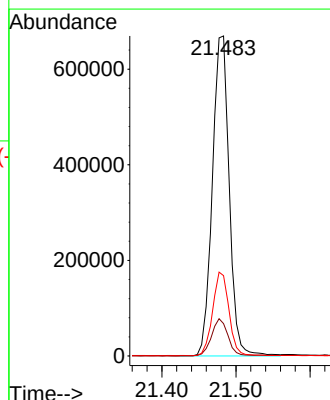
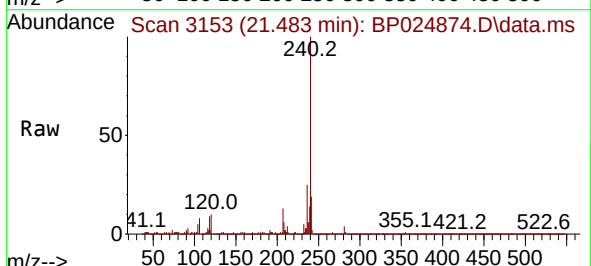
Tgt Ion:240 Resp: 1056540

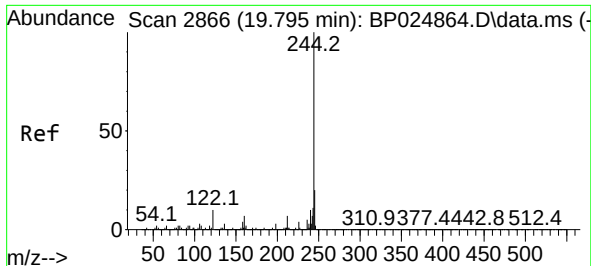
Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

236 25.1 20.9 31.3

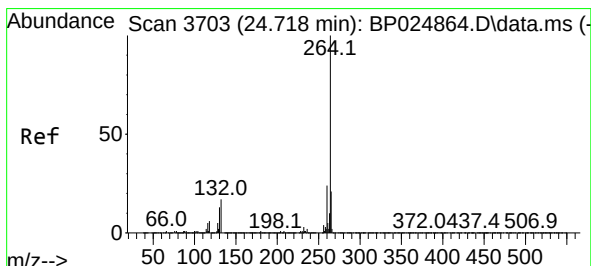
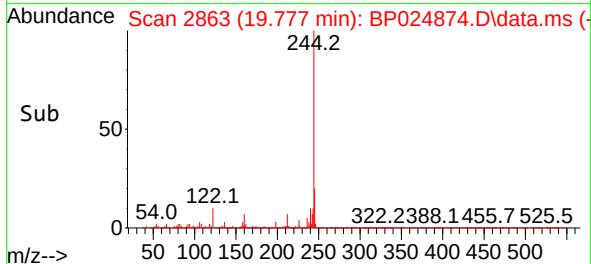
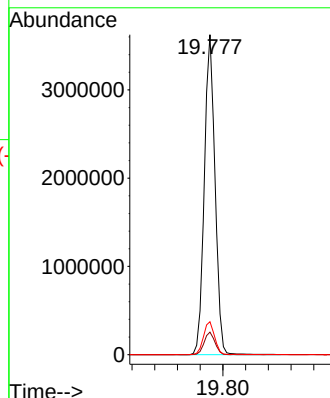
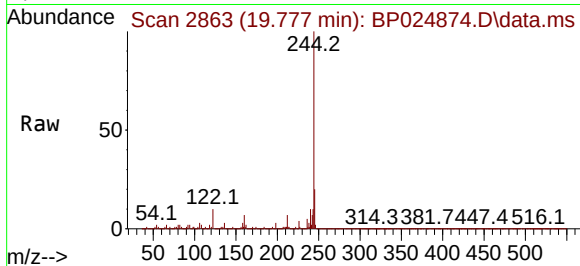




#79
 Terphenyl-d14
 Concen: 80.282 ng
 RT: 19.777 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP024874.D
 Acq: 09 Jun 2025 12:50

Instrument :
 BNA_P
 ClientSampleId :
 TW1

Tgt Ion:244 Resp: 4732640
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.3 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.712 min Scan# 3702
 Delta R.T. -0.006 min
 Lab File: BP024874.D
 Acq: 09 Jun 2025 12:50

Tgt Ion:264 Resp: 1470569
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 22.4 17.4 26.0

