

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061725\
 Data File : BP024974.D
 Acq On : 17 Jun 2025 14:03
 Operator : RC/JU
 Sample : Q2325-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-8

Quant Time: Jun 17 14:42:42 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)

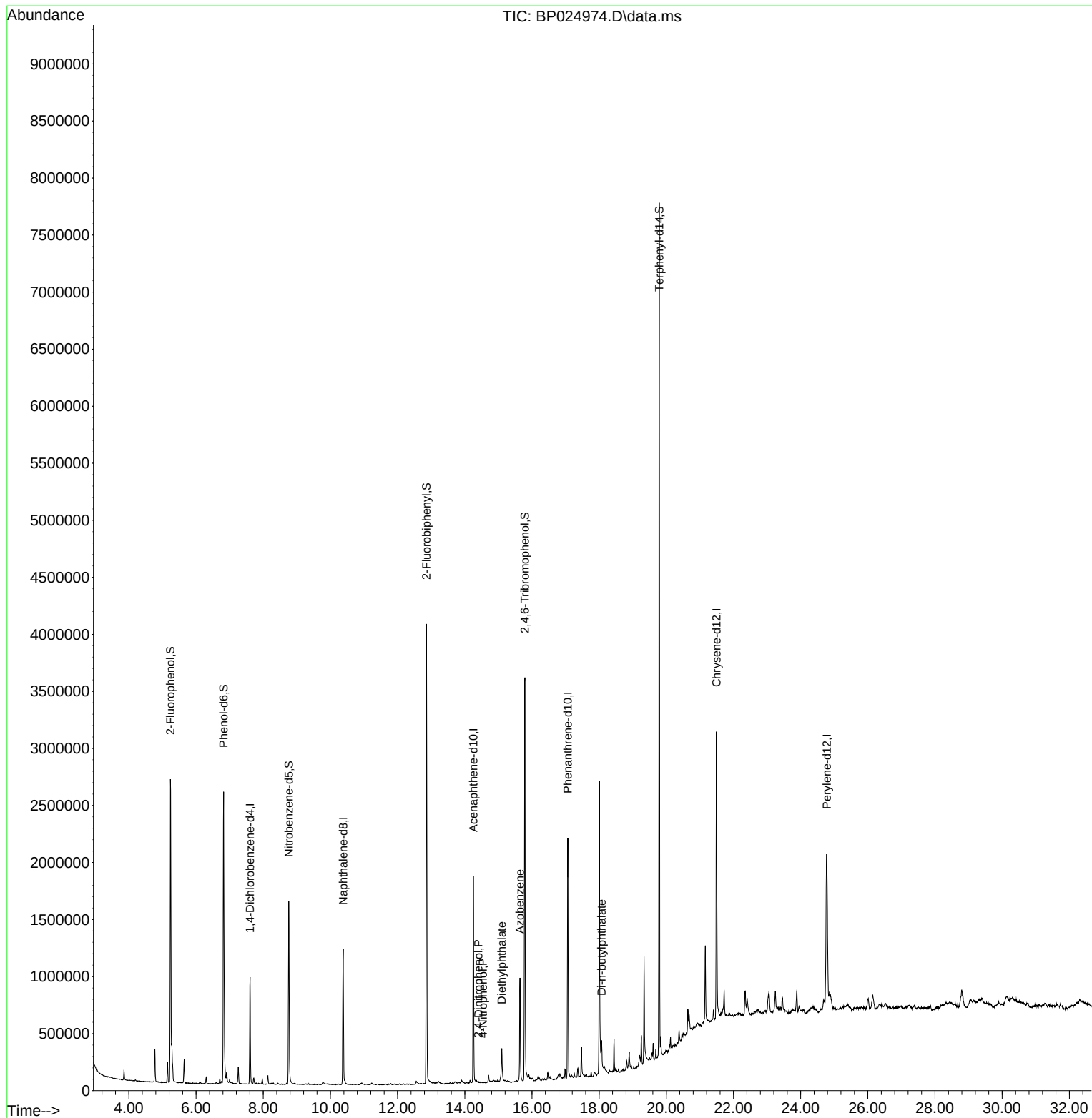
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	254922	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1000525	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	635277	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1250802	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1336162	20.000	ng	0.01
86) Perylene-d12	24.777	264	1588253	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1308427	85.674	ng	0.00
7) Phenol-d6	6.819	99	1723024	85.271	ng	0.00
23) Nitrobenzene-d5	8.760	82	965649	46.899	ng	0.00
42) 2,4,6-Tribromophenol	15.789	330	764920	87.090	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	2038550	43.228	ng	0.00
79) Terphenyl-d14	19.789	244	3332971	44.706	ng	0.00
Target Compounds						Qvalue
54) 2,4-Dinitrophenol	14.407	184	61	5.572	ng	# 1
56) 4-Nitrophenol	14.542	139	229	5.433	ng	# 1
60) Diethylphthalate	15.101	149	243139	5.206	ng	99
63) Azobenzene	15.642	77	205492	4.797	ng	# 1
74) Di-n-butylphthalate	18.072	149	178808	2.224	ng	100

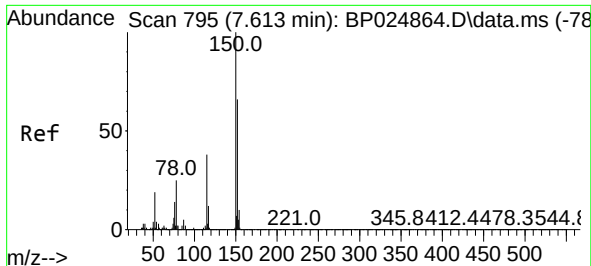
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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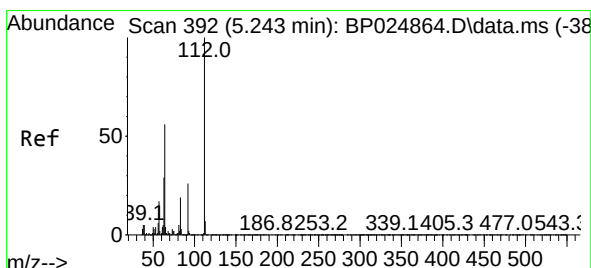
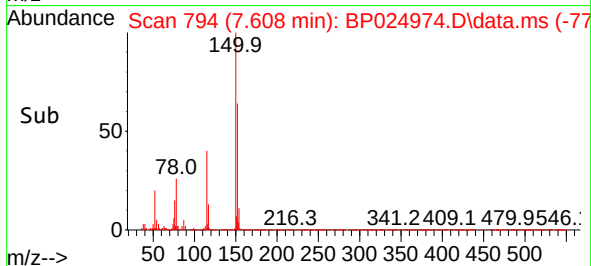
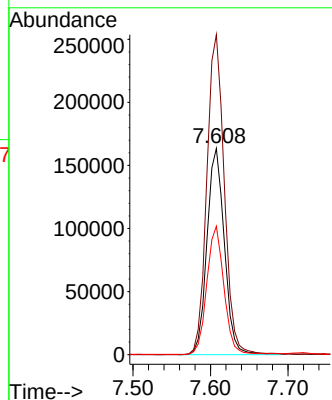
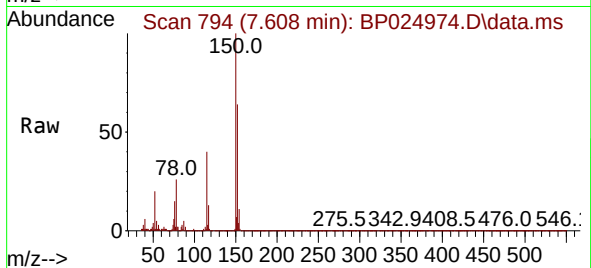




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024974.D
Acq: 17 Jun 2025 14:03

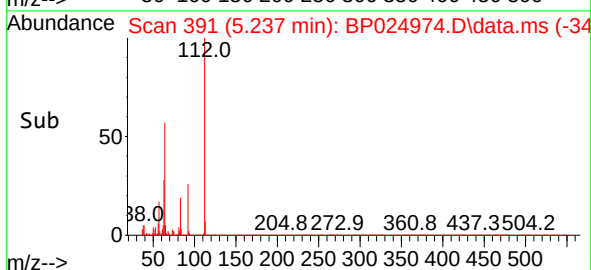
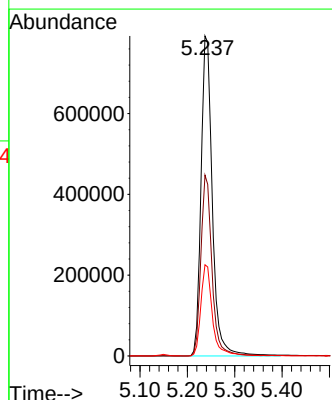
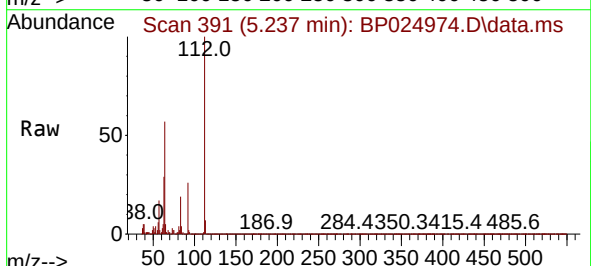
Instrument :
BNA_P
ClientSampleId :
TP-8

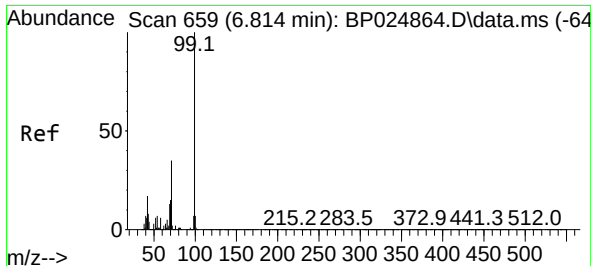
Tgt Ion:152 Resp: 254922
Ion Ratio Lower Upper
152 100
150 155.1 122.1 183.1
115 62.2 46.4 69.6



#5
2-Fluorophenol
Concen: 85.674 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024974.D
Acq: 17 Jun 2025 14:03

Tgt Ion:112 Resp: 1308427
Ion Ratio Lower Upper
112 100
64 56.5 44.7 67.1
63 28.5 23.5 35.3



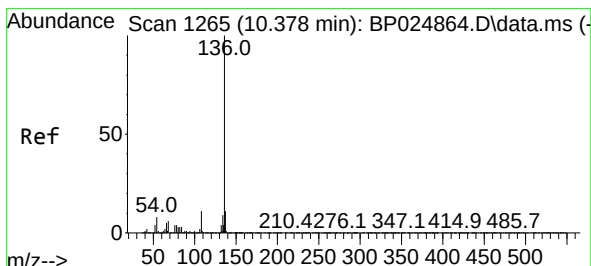
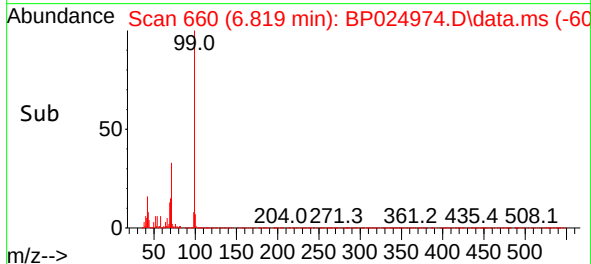
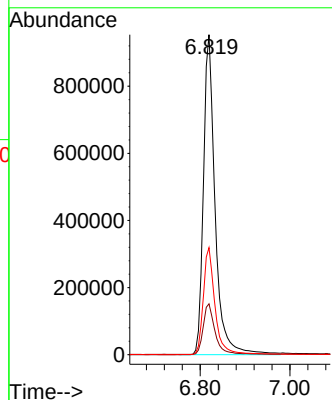
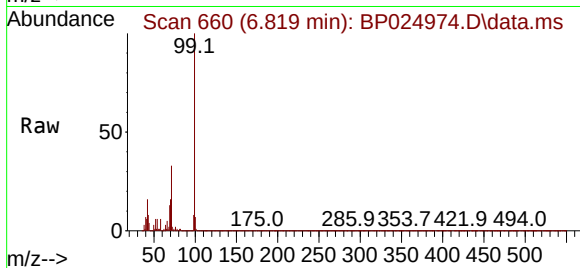


#7
Phenol-d6
Concen: 85.271 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024974.D
Acq: 17 Jun 2025 14:03

Instrument :
BNA_P
ClientSampleId :
TP-8

Tgt Ion: 99 Resp: 1723024

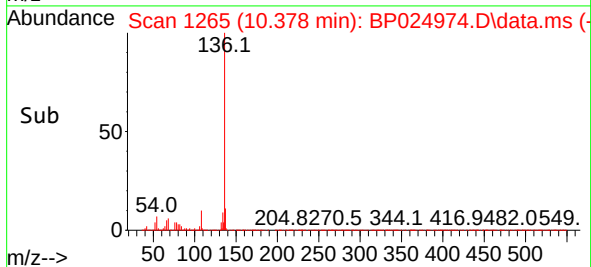
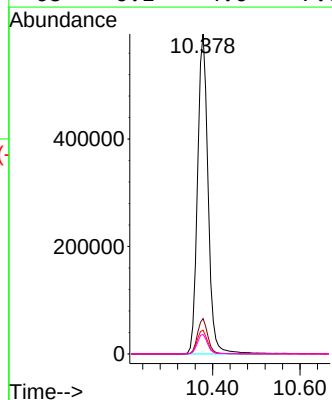
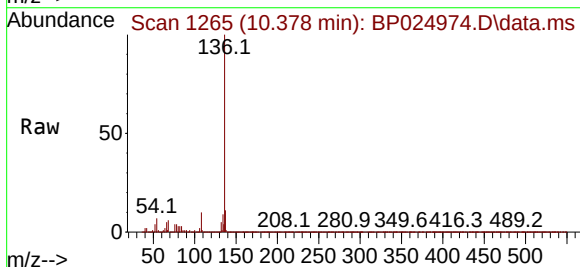
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.4	20.2
71	33.5	27.6	41.4

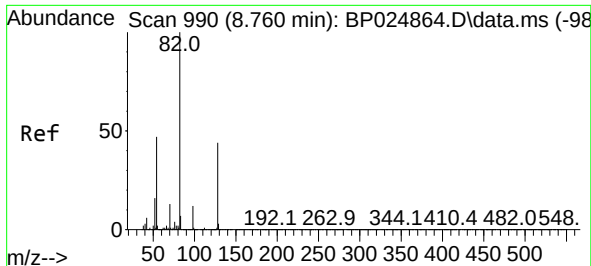


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024974.D
Acq: 17 Jun 2025 14:03

Tgt Ion: 136 Resp: 1000525

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.1	9.1
68	6.1	4.6	7.0

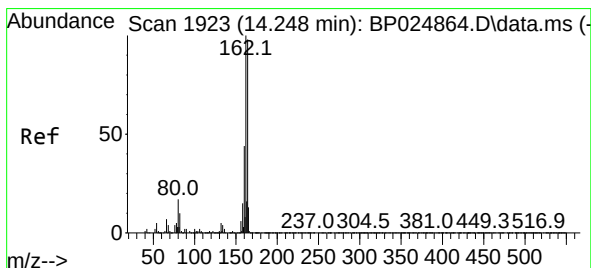
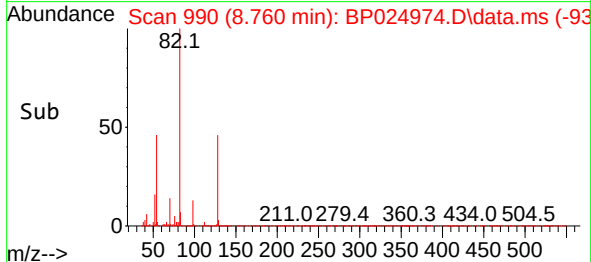
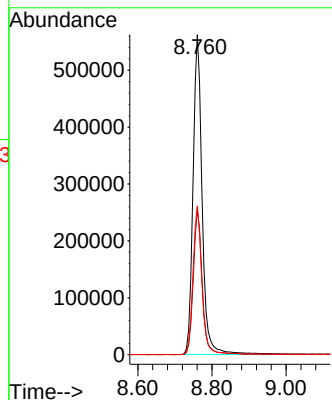
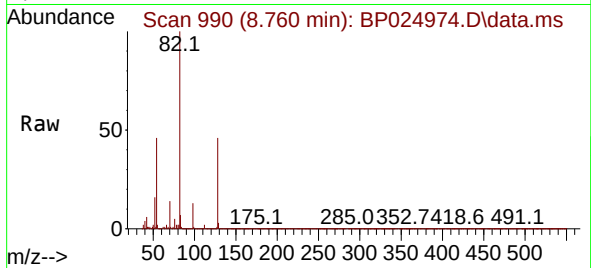




#23
 Nitrobenzene-d5
 Concen: 46.899 ng
 RT: 8.760 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: BP024974.D
 Acq: 17 Jun 2025 14:03

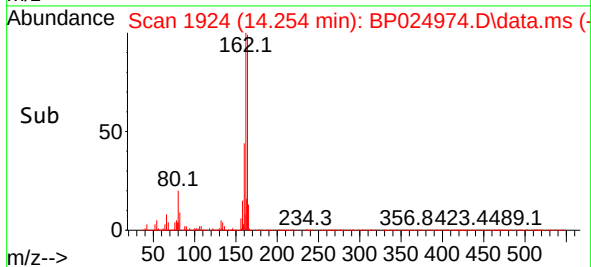
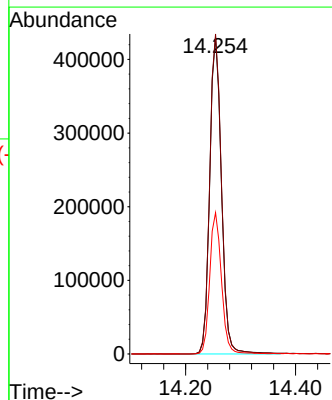
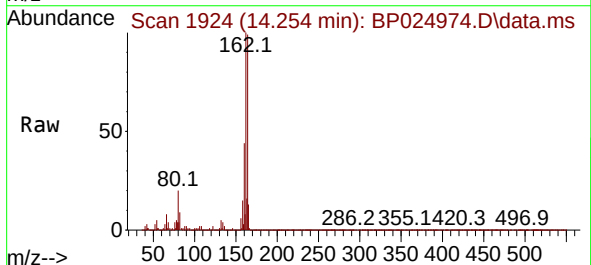
Instrument :
 BNA_P
 ClientSampleId :
 TP-8

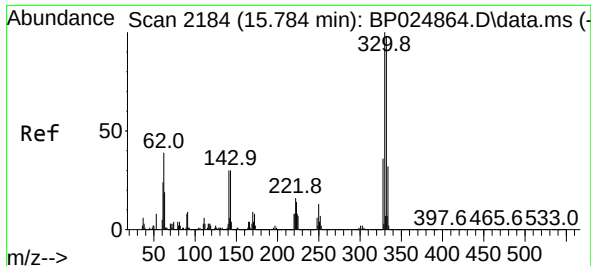
Tgt Ion: 82 Resp: 965649
 Ion Ratio Lower Upper
 82 100
 128 45.5 35.3 52.9
 54 46.5 37.4 56.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.254 min Scan# 1924
 Delta R.T. 0.006 min
 Lab File: BP024974.D
 Acq: 17 Jun 2025 14:03

Tgt Ion:164 Resp: 635277
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.6 122.4
 160 44.6 36.2 54.2



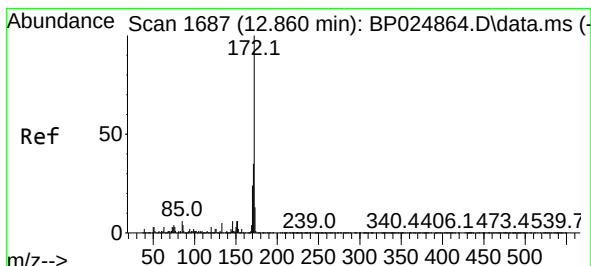
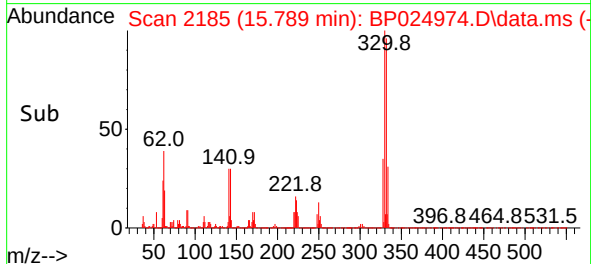
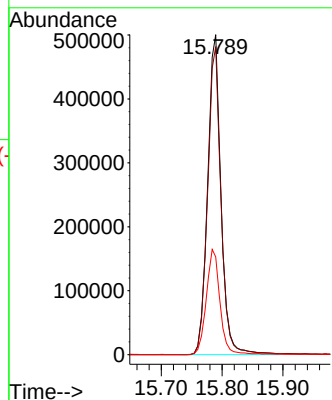
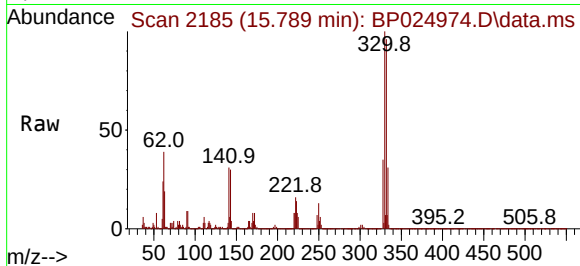


#42
 2,4,6-Tribromophenol
 Concen: 87.090 ng
 RT: 15.789 min Scan# 2184
 Delta R.T. 0.006 min
 Lab File: BP024974.D
 Acq: 17 Jun 2025 14:03

Instrument :
 BNA_P
 ClientSampleId :
 TP-8

Tgt Ion: 330 Resp: 764920

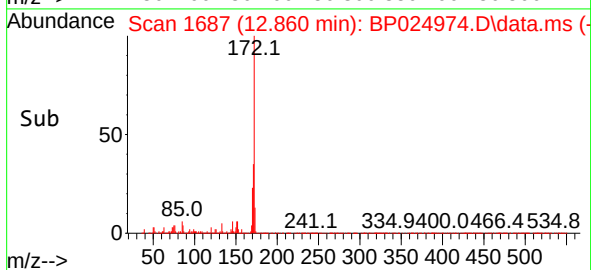
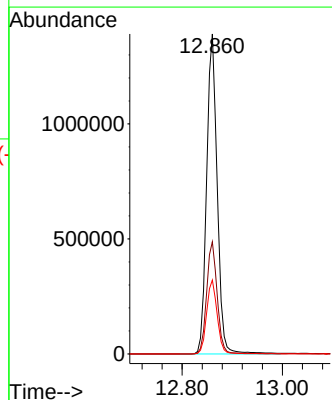
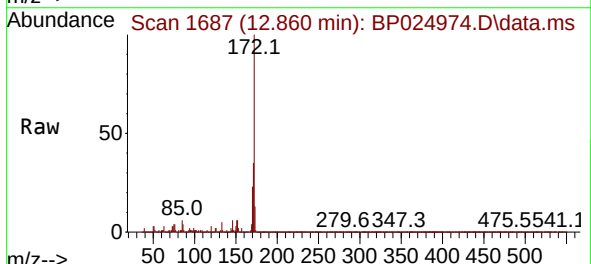
Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.7	116.5
141	33.6	26.4	39.6

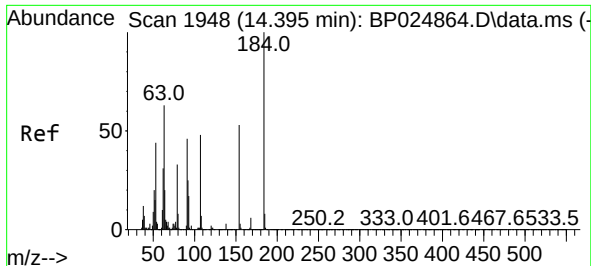


#45
 2-Fluorobiphenyl
 Concen: 43.228 ng
 RT: 12.860 min Scan# 1687
 Delta R.T. -0.000 min
 Lab File: BP024974.D
 Acq: 17 Jun 2025 14:03

Tgt Ion: 172 Resp: 2038550

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.1	19.0	28.4

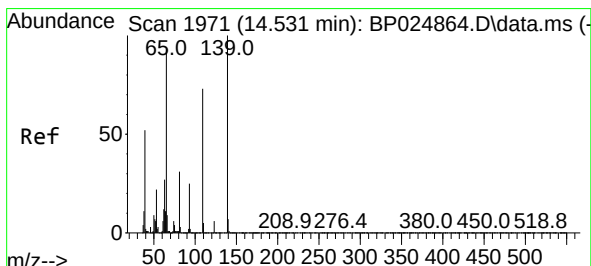
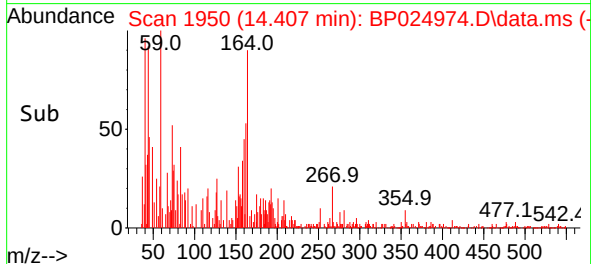
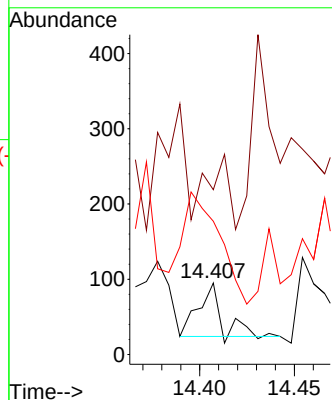
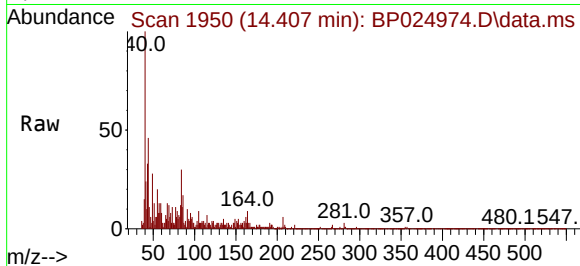




#54
2,4-Dinitrophenol
Concen: 5.572 ng
RT: 14.407 min Scan# 1948
Delta R.T. 0.012 min
Lab File: BP024974.D
Acq: 17 Jun 2025 14:03

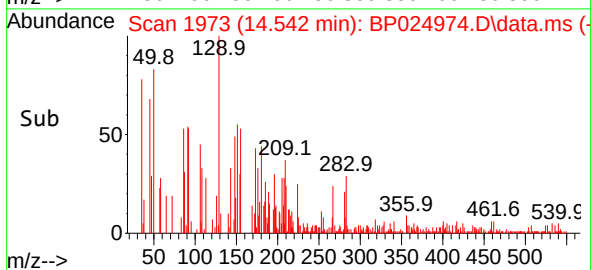
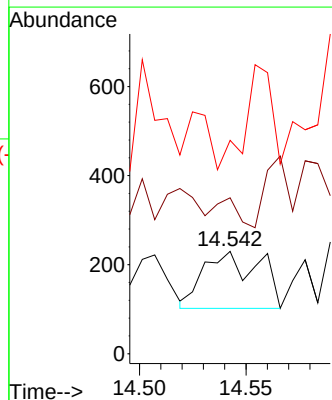
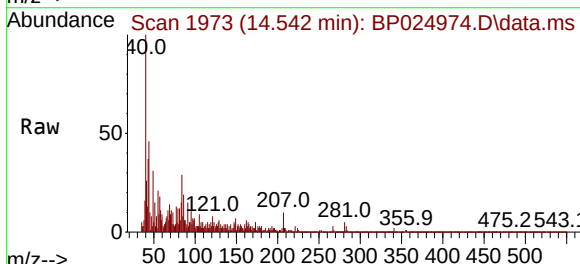
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BNA_P
ClientSampleId :
TP-8

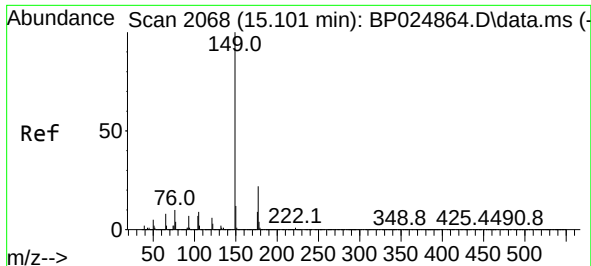
Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 230.5 51.0 76.4#
154 186.3 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.433 ng
RT: 14.542 min Scan# 1973
Delta R.T. 0.011 min
Lab File: BP024974.D
Acq: 17 Jun 2025 14:03

Tgt Ion:139 Resp: 229
Ion Ratio Lower Upper
139 100
109 152.2 53.1 93.1#
65 208.3 73.0 113.0#

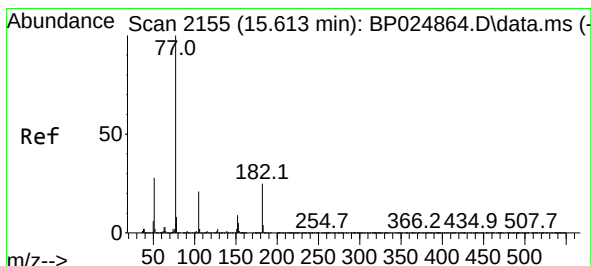
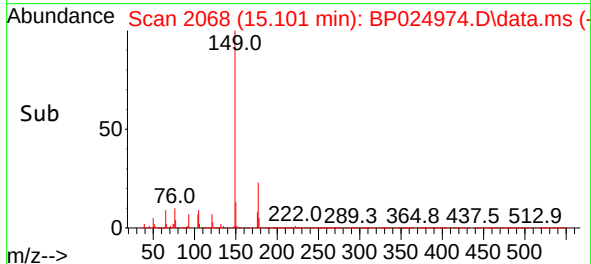
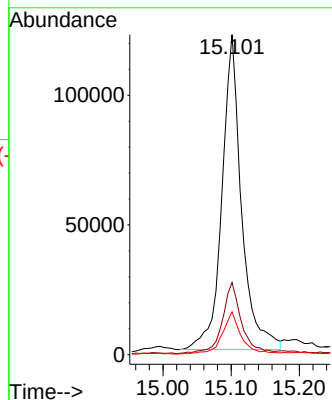
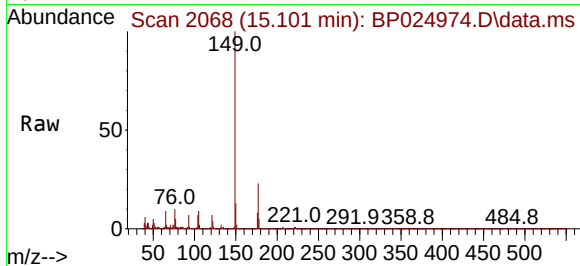




#60
Diethylphthalate
Concen: 5.206 ng
RT: 15.101 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BP024974.D
Acq: 17 Jun 2025 14:03

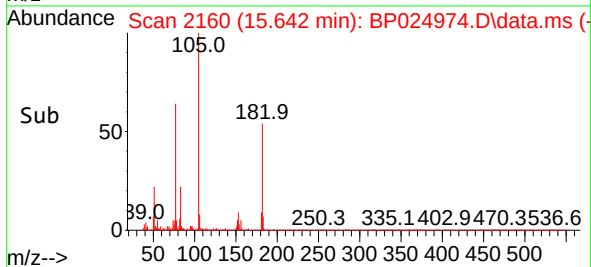
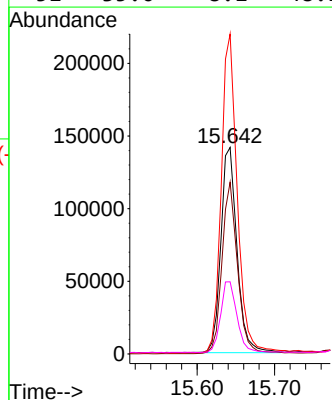
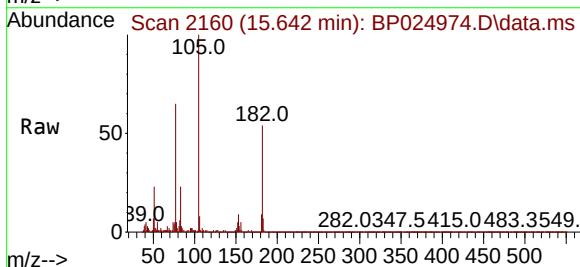
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BNA_P
ClientSampleId :
TP-8

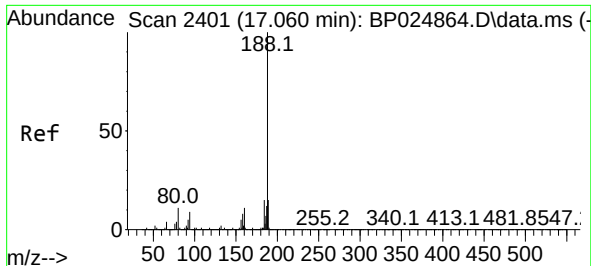
Tgt Ion:149 Resp: 243139
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 13.4 9.8 14.6



#63
Azobenzene
Concen: 4.797 ng
RT: 15.642 min Scan# 2160
Delta R.T. 0.029 min
Lab File: BP024974.D
Acq: 17 Jun 2025 14:03

Tgt Ion: 77 Resp: 205492
Ion Ratio Lower Upper
77 100
182 83.2 5.4 45.4#
105 154.9 0.8 40.8#
51 35.0 8.1 48.1

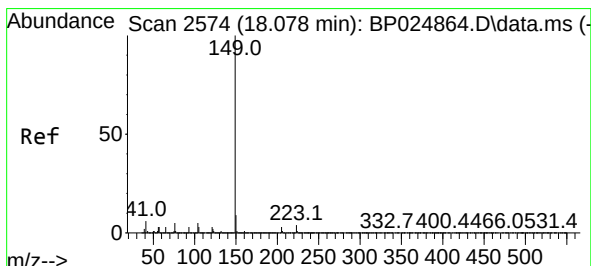
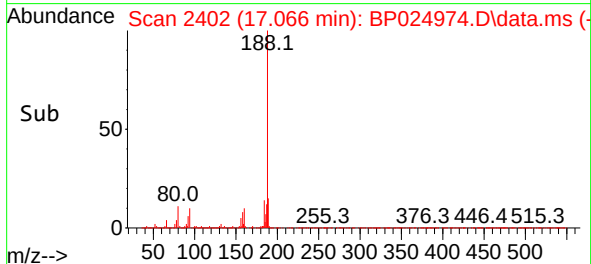
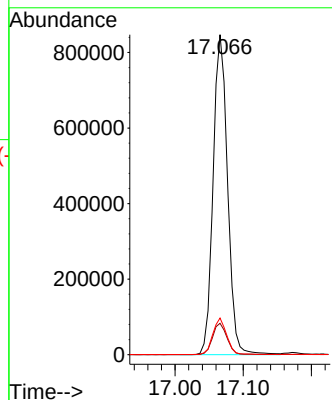
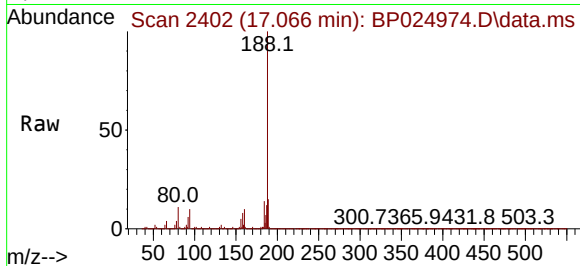




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2401
Delta R.T. 0.006 min
Lab File: BP024974.D
Acq: 17 Jun 2025 14:03

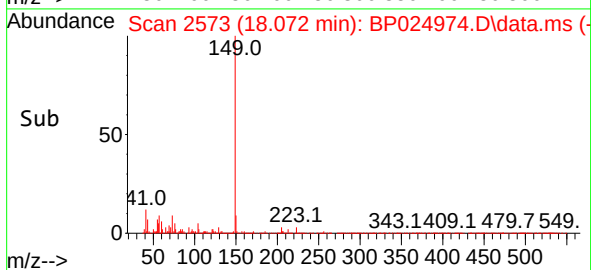
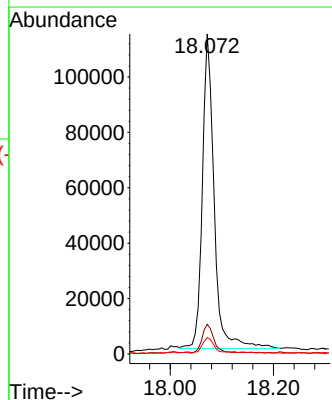
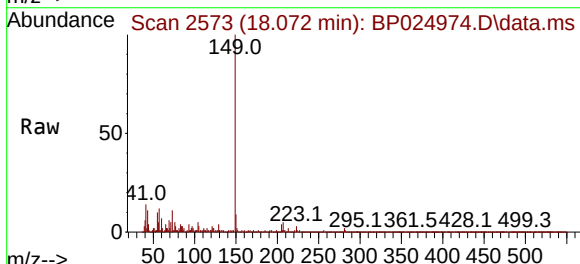
Instrument :
BNA_P
ClientSampleId :
TP-8

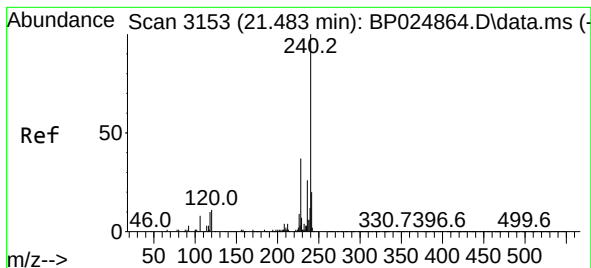
Tgt Ion:188 Resp: 1250802
Ion Ratio Lower Upper
188 100
94 9.8 7.3 10.9
80 11.4 8.5 12.7



#74
Di-n-butylphthalate
Concen: 2.224 ng
RT: 18.072 min Scan# 2573
Delta R.T. -0.006 min
Lab File: BP024974.D
Acq: 17 Jun 2025 14:03

Tgt Ion:149 Resp: 178808
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.1 4.2 6.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.495 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP024974.D

Acq: 17 Jun 2025 14:03

Instrument :

BNA_P

ClientSampleId :

TP-8

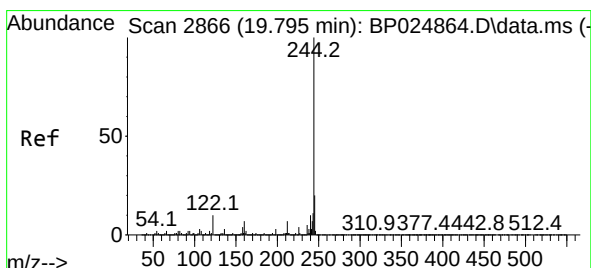
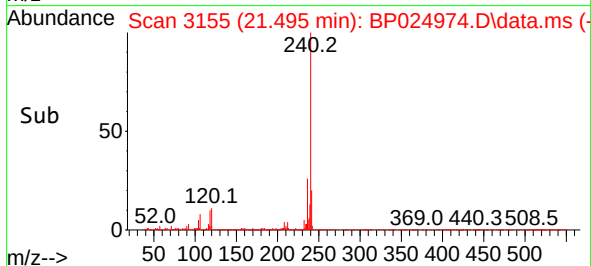
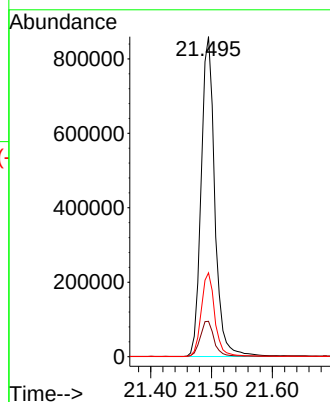
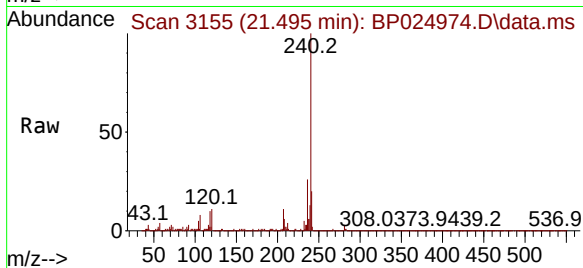
Tgt Ion:240 Resp: 1336162

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 26.2 20.9 31.3



#79

Terphenyl-d14

Concen: 44.706 ng

RT: 19.789 min Scan# 2865

Delta R.T. -0.006 min

Lab File: BP024974.D

Acq: 17 Jun 2025 14:03

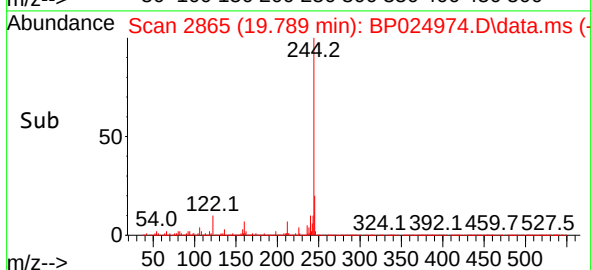
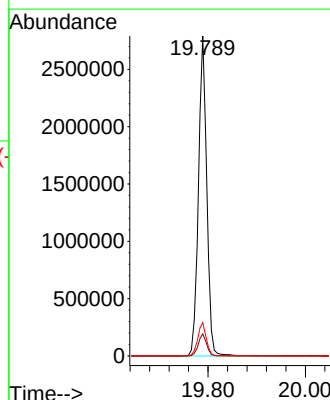
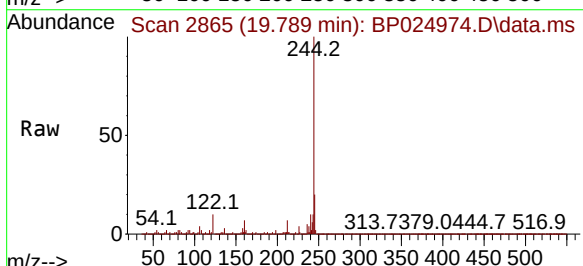
Tgt Ion:244 Resp: 3332971

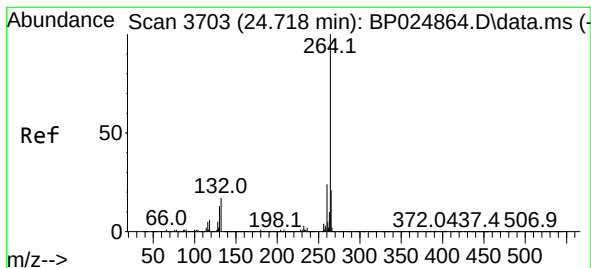
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

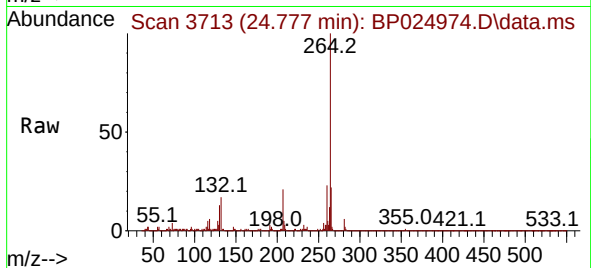
122 10.4 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.777 min Scan# 31
Delta R.T. 0.059 min
Lab File: BP024974.D
Acq: 17 Jun 2025 14:03

Instrument :
BNA_P
ClientSampleId :
TP-8



Tgt Ion:264 Resp: 1588253
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 22.0 17.4 26.0

