

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024804.D
 Acq On : 23 May 2025 22:34
 Operator : RC/JU
 Sample : Q2106-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-WTS-09

Quant Time: May 24 00:05:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

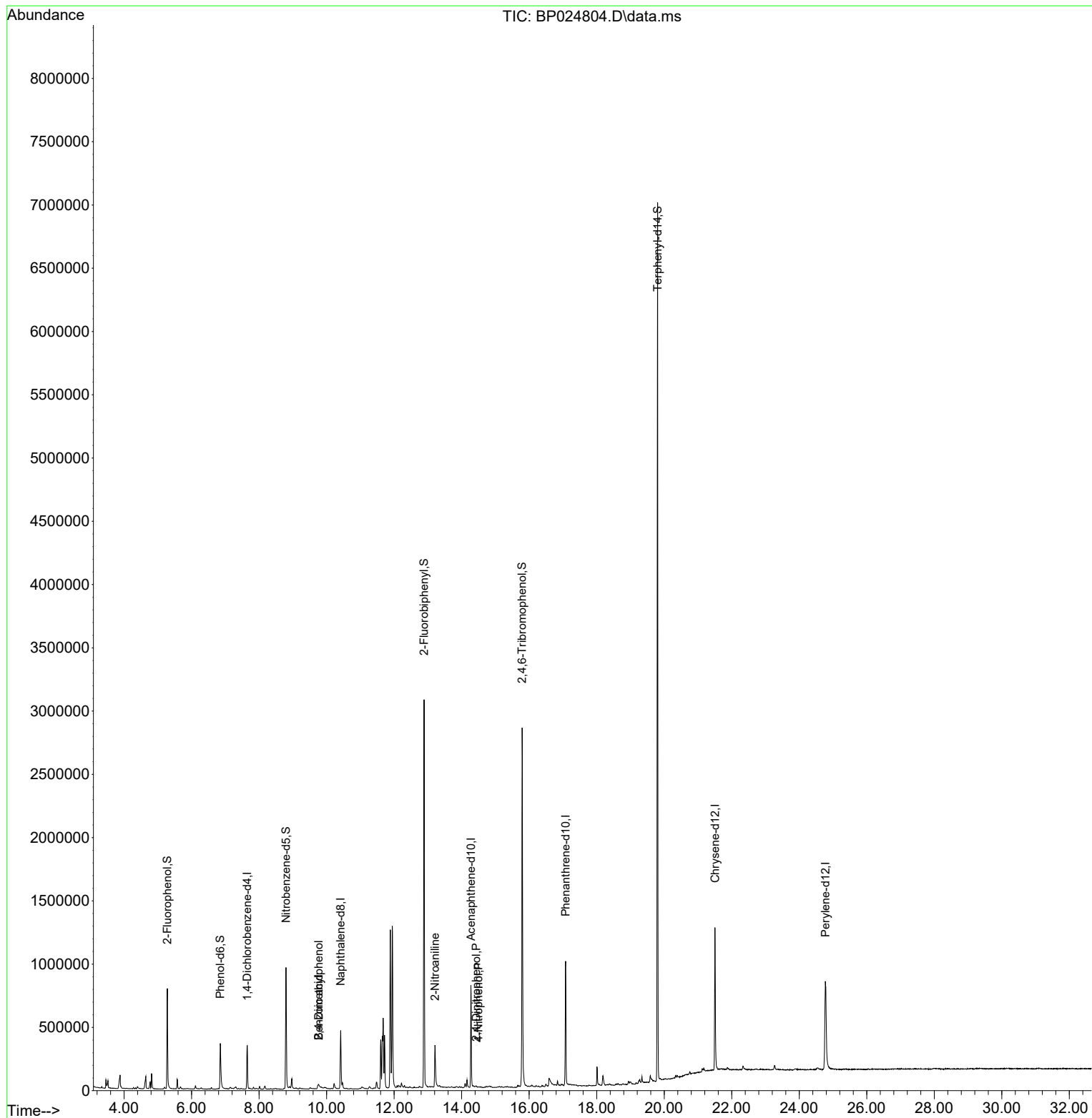
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	99275	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	401101	20.000	ng	-0.02
39) Acenaphthene-d10	14.275	164	275482	20.000	ng	-0.03
64) Phenanthrene-d10	17.080	188	605361	20.000	ng	-0.02
76) Chrysene-d12	21.504	240	699433	20.000	ng	-0.02
86) Perylene-d12	24.774	264	860223	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	353785	60.952	ng	0.00
7) Phenol-d6	6.852	99	255826	34.534	ng	0.00
23) Nitrobenzene-d5	8.799	82	553336	69.703	ng	-0.01
42) 2,4,6-Tribromophenol	15.792	330	707976	151.594	ng	-0.02
45) 2-Fluorobiphenyl	12.887	172	1482668	70.512	ng	-0.02
79) Terphenyl-d14	19.804	244	3304539	81.012	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.763	122	26401	4.374	ng	# 3
32) Benzoic acid	9.763	122	26633	12.821	ng	99
48) 2-Nitroaniline	13.210	65	14471	3.148	ng	# 15
54) 2,4-Dinitrophenol	14.434	184	57	6.420	ng	# 1
56) 4-Nitrophenol	14.498	139	164	4.274	ng	# 64

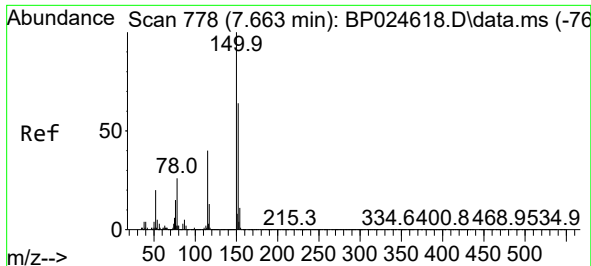
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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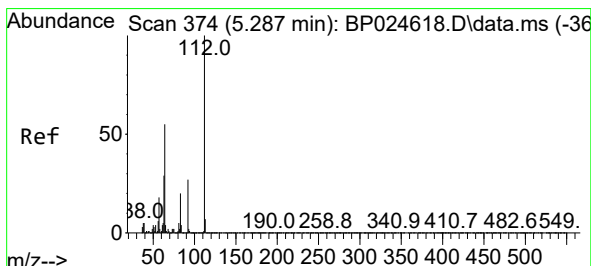
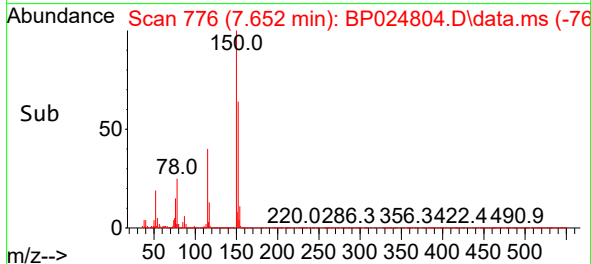
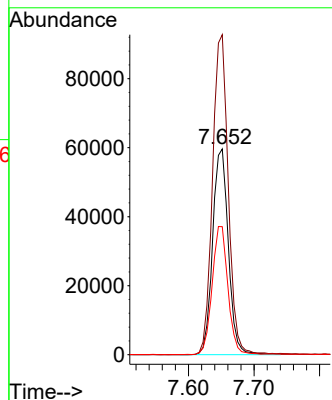
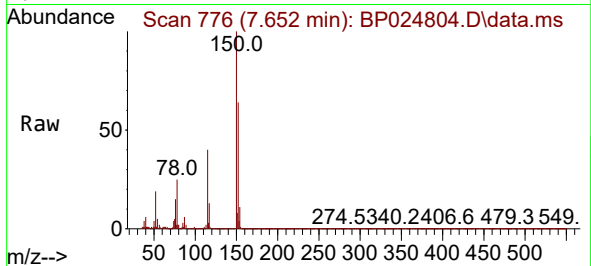




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

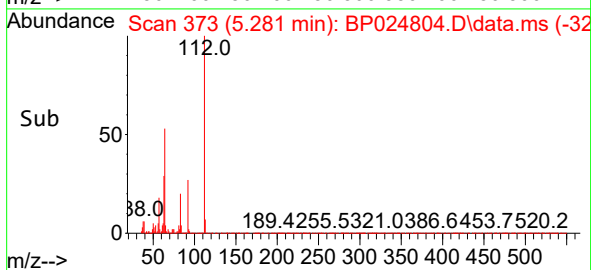
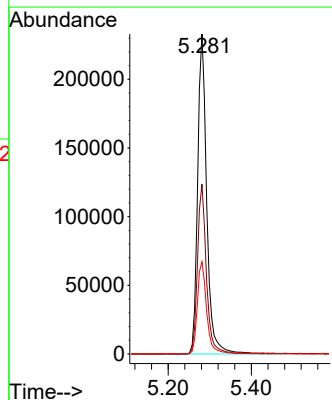
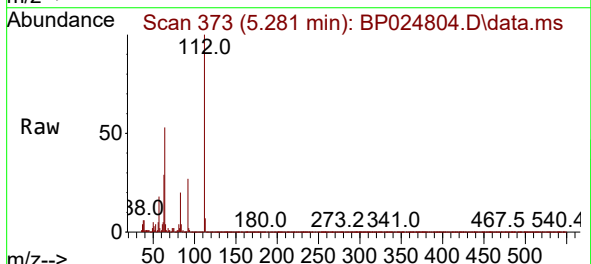
Instrument :
BNA_P
ClientSampleId :
TW-WTS-09

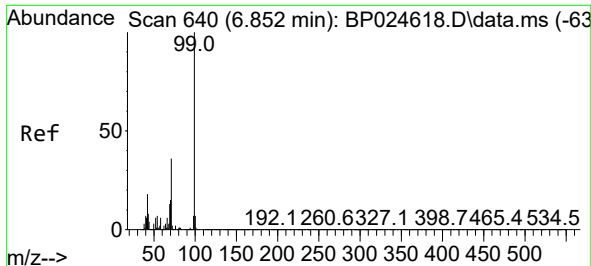
Tgt Ion:152 Resp: 99275
Ion Ratio Lower Upper
152 100
150 155.5 125.9 188.9
115 62.2 50.1 75.1



#5
2-Fluorophenol
Concen: 60.952 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

Tgt Ion:112 Resp: 353785
Ion Ratio Lower Upper
112 100
64 53.1 44.1 66.1
63 28.8 23.5 35.3

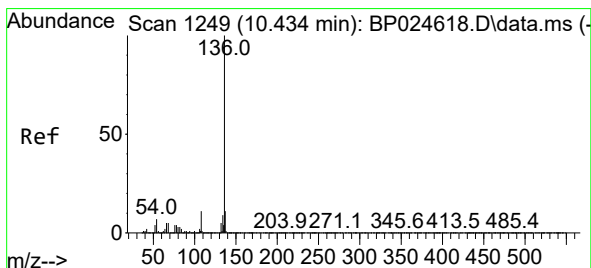
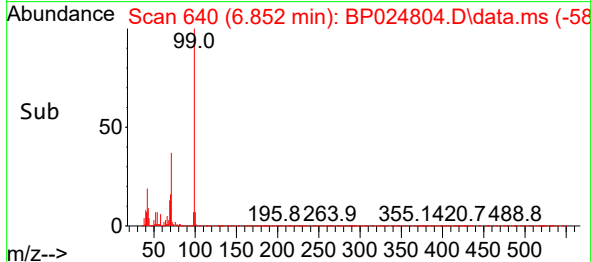
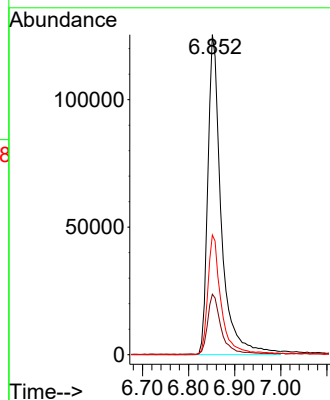
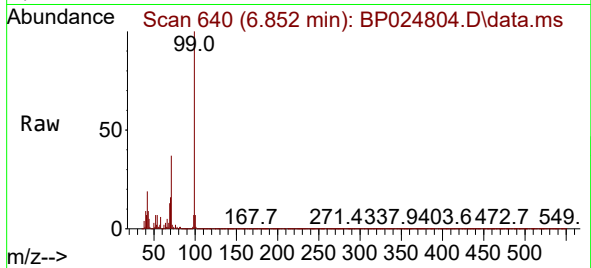




#7
Phenol-d6
Concen: 34.534 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

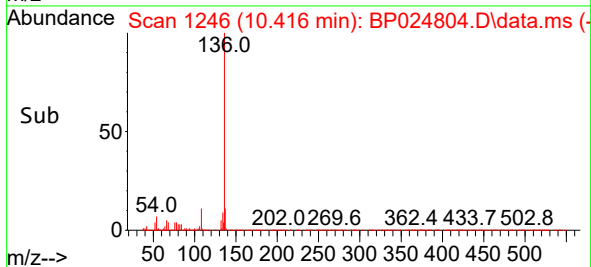
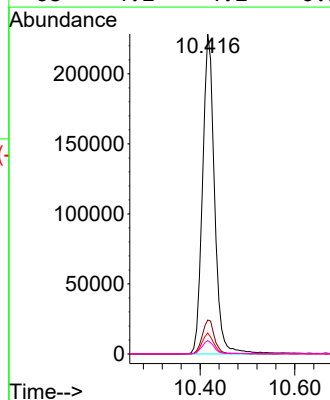
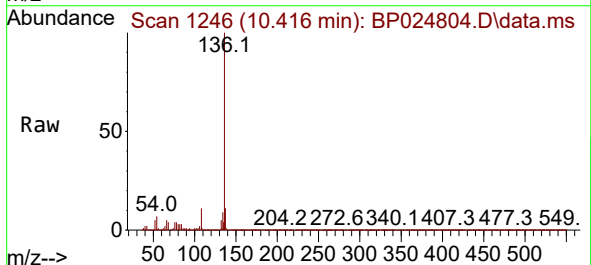
Instrument :
BNA_P
ClientSampleId :
TW-WTS-09

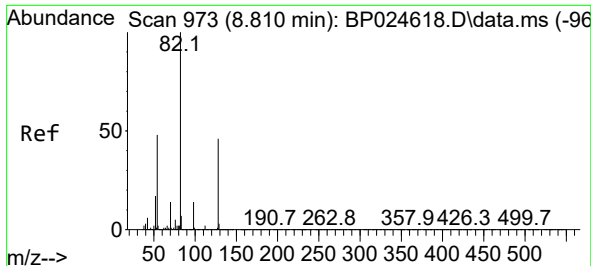
Tgt Ion: 99 Resp: 255826
Ion Ratio Lower Upper
99 100
42 18.9 14.4 21.6
71 37.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

Tgt Ion:136 Resp: 401101
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.6 5.5 8.3
68 4.2 4.2 6.2

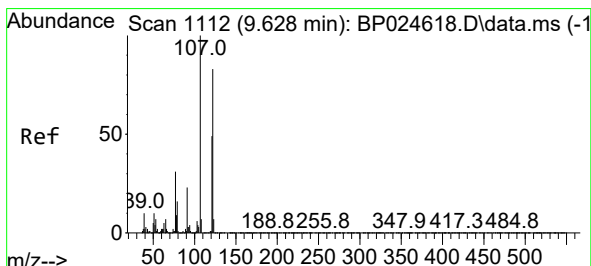
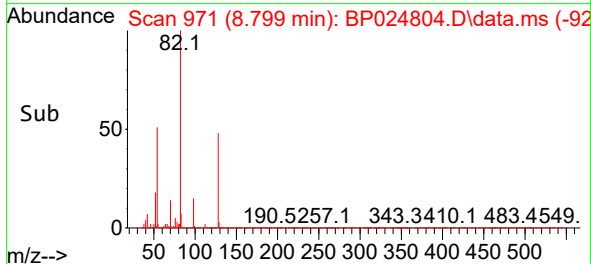
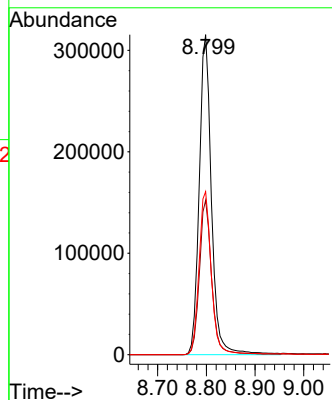
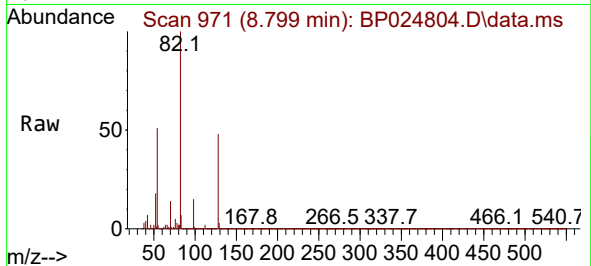




#23
Nitrobenzene-d5
Concen: 69.703 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

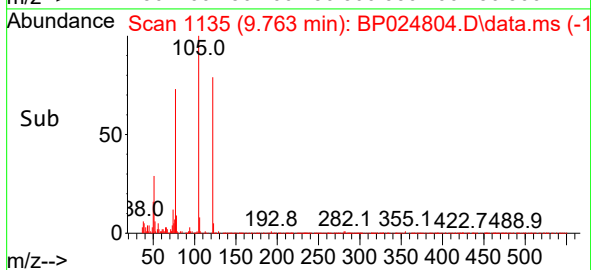
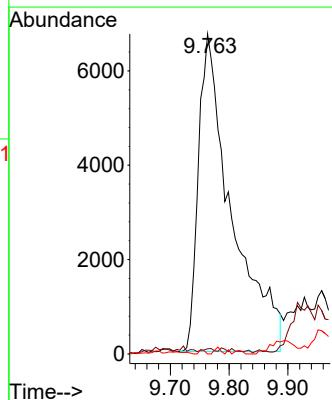
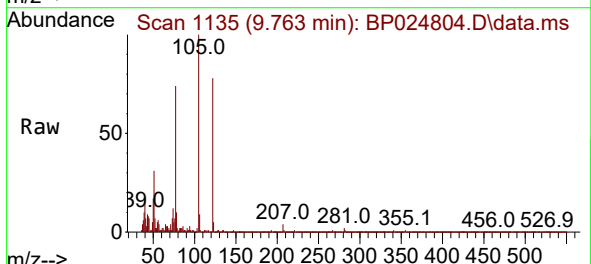
Instrument :
BNA_P
ClientSampleId :
TW-WTS-09

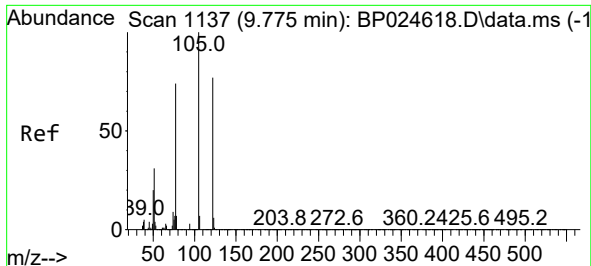
Tgt Ion: 82 Resp: 553336
Ion Ratio Lower Upper
82 100
128 48.3 37.0 55.4
54 51.0 38.7 58.1



#27
2,4-Dimethylphenol
Concen: 4.374 ng
RT: 9.763 min Scan# 1135
Delta R.T. 0.135 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

Tgt Ion: 122 Resp: 26401
Ion Ratio Lower Upper
122 100
107 1.6 96.2 144.2#
121 0.0 47.6 71.4#

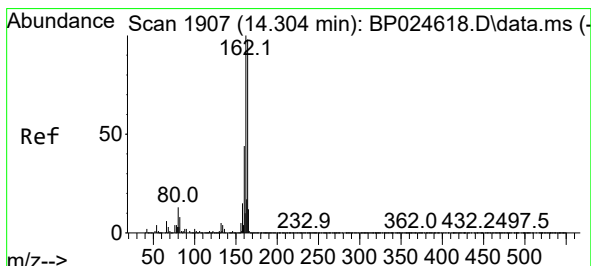
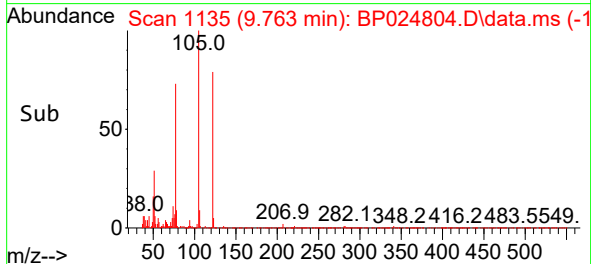
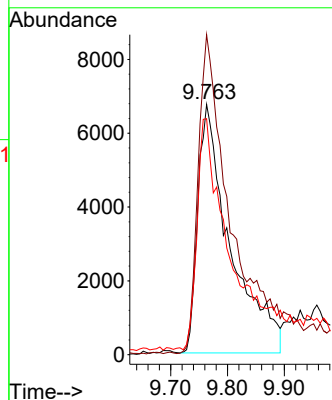
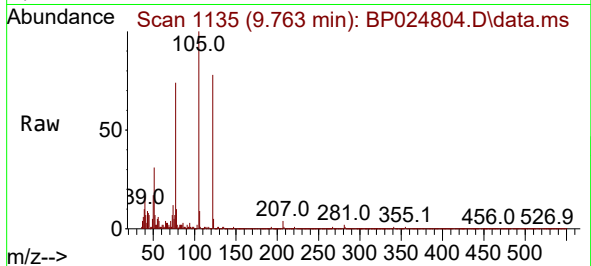




#32
Benzoic acid
Concen: 12.821 ng
RT: 9.763 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

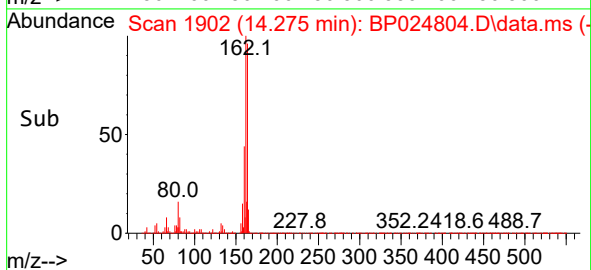
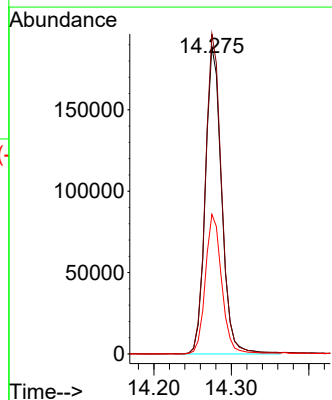
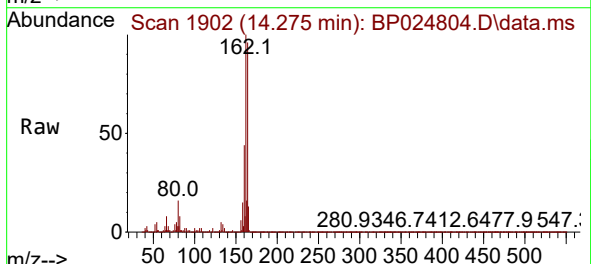
Instrument :
BNA_P
ClientSampleId :
TW-WTS-09

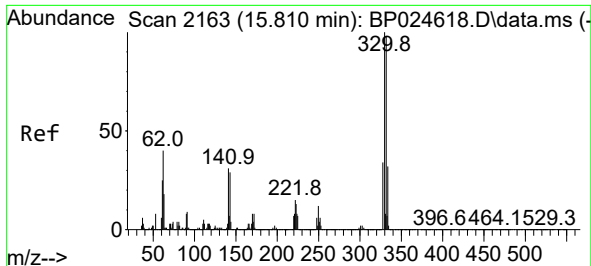
Tgt Ion:122 Resp: 26633
Ion Ratio Lower Upper
122 100
105 127.8 106.9 146.9
77 94.3 75.1 115.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.275 min Scan# 1902
Delta R.T. -0.029 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

Tgt Ion:164 Resp: 275482
Ion Ratio Lower Upper
164 100
162 104.0 81.8 122.6
160 45.3 36.3 54.5

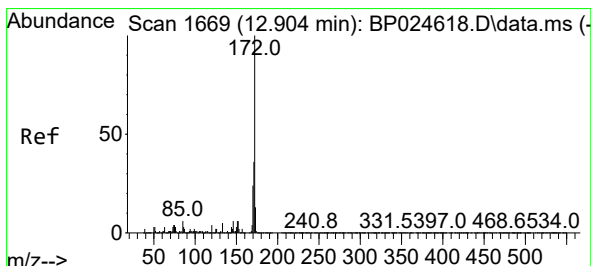
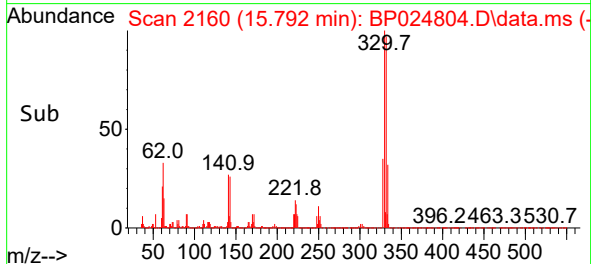
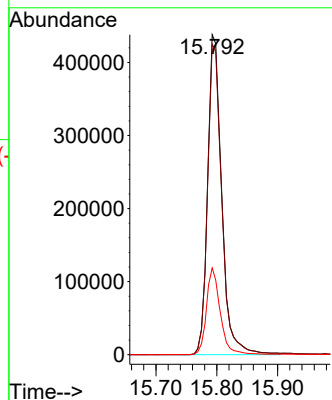
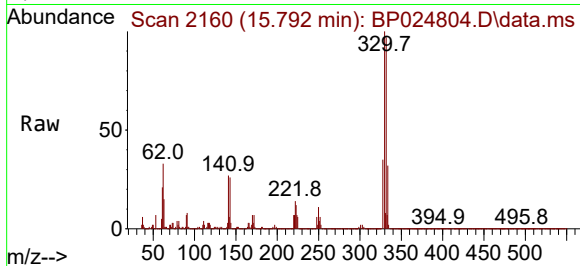




#42
2,4,6-Tribromophenol
Concen: 151.594 ng
RT: 15.792 min Scan# 2160
Delta R.T. -0.018 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

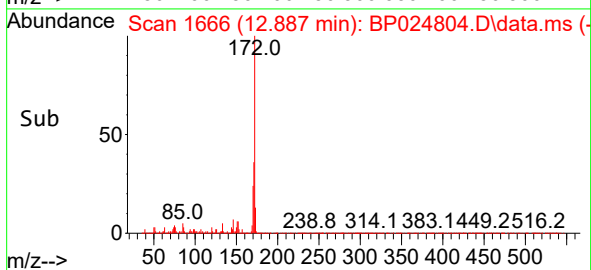
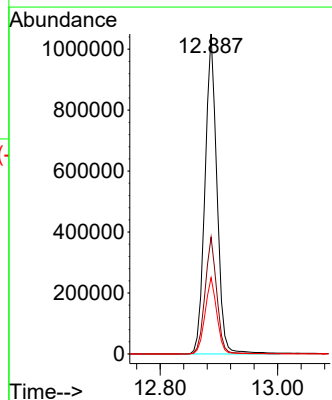
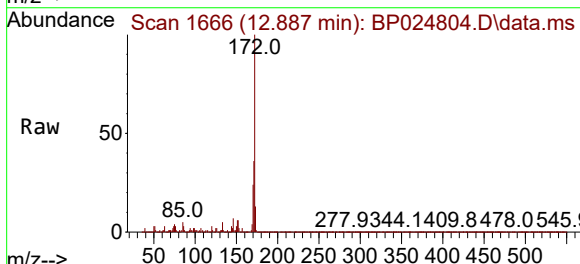
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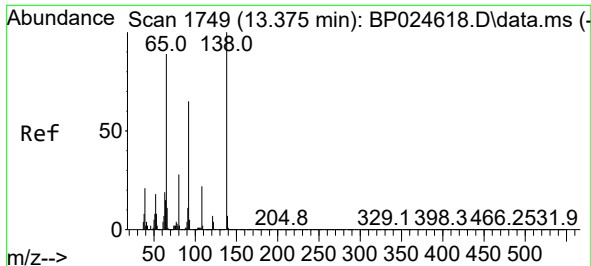
Tgt Ion: 330 Resp: 707976
Ion Ratio Lower Upper
330 100
332 98.1 78.2 117.4
141 26.5 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 70.512 ng
RT: 12.887 min Scan# 1666
Delta R.T. -0.018 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

Tgt Ion: 172 Resp: 1482668
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 23.8 18.8 28.2

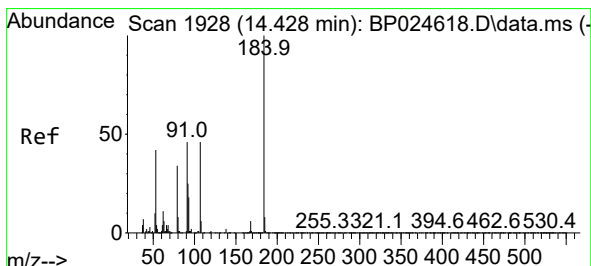
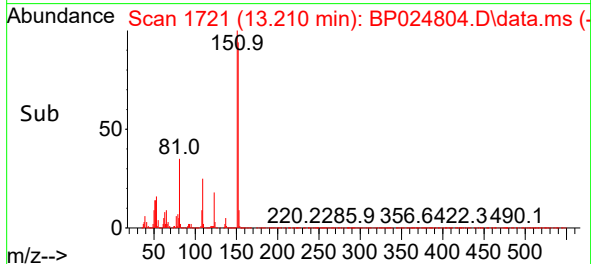
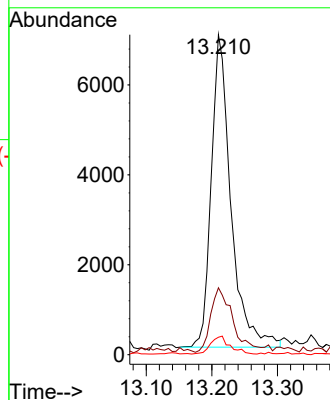
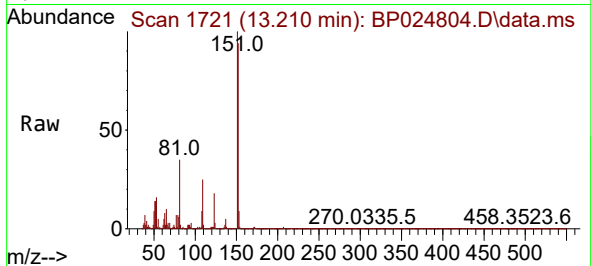




#48
2-Nitroaniline
Concen: 3.148 ng
RT: 13.210 min Scan# 1749
Delta R.T. -0.165 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

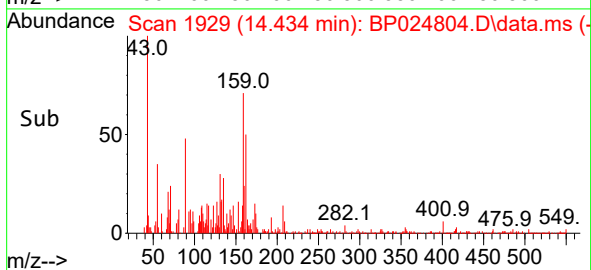
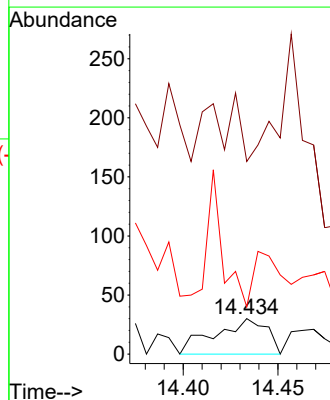
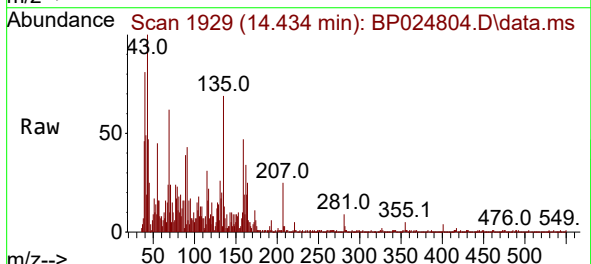
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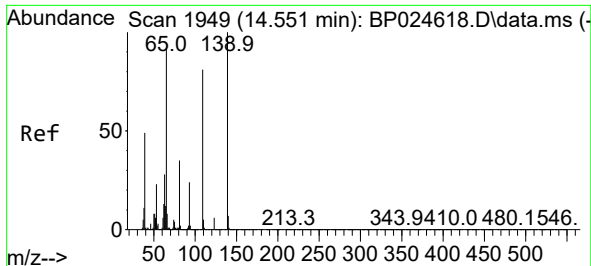
Tgt Ion: 65 Resp: 14471
Ion Ratio Lower Upper
65 100
92 20.9 58.7 88.1#
138 5.5 90.2 135.2#



#54
2,4-Dinitrophenol
Concen: 6.420 ng
RT: 14.434 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

Tgt Ion: 184 Resp: 57
Ion Ratio Lower Upper
184 100
63 543.3 51.3 76.9#
154 133.3 53.5 80.3#

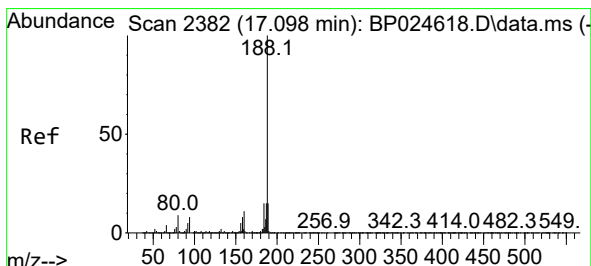
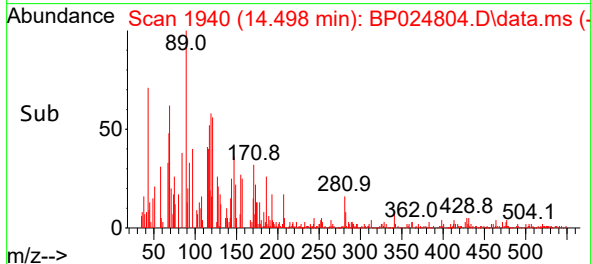
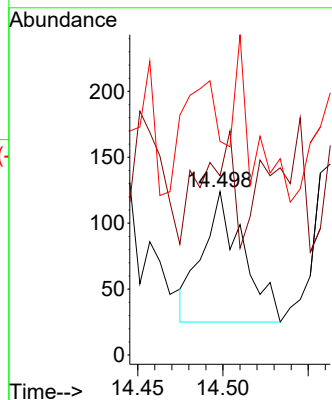
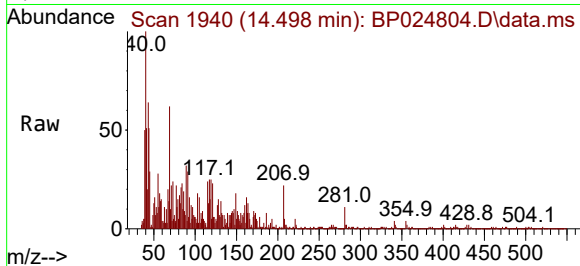




#56
4-Nitrophenol
Concen: 4.274 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.053 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

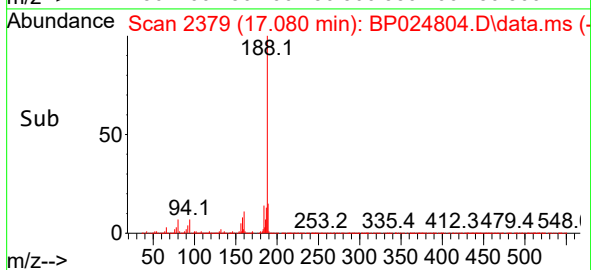
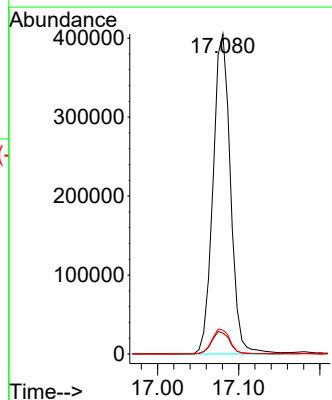
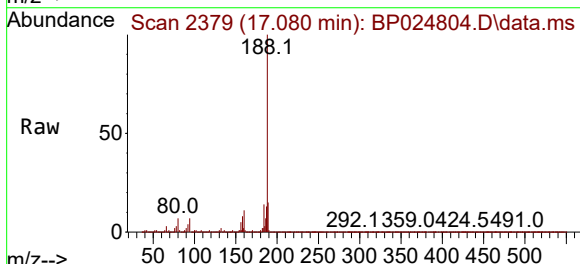
Instrument :
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TW-WTS-09

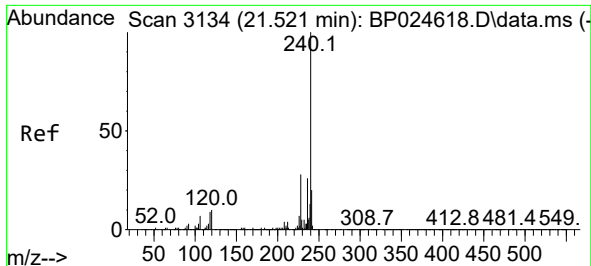
Tgt Ion:139 Resp: 164
Ion Ratio Lower Upper
139 100
109 109.7 61.4 101.4#
65 130.6 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

Tgt Ion:188 Resp: 605361
Ion Ratio Lower Upper
188 100
94 6.5 6.5 9.7
80 7.5 7.3 10.9

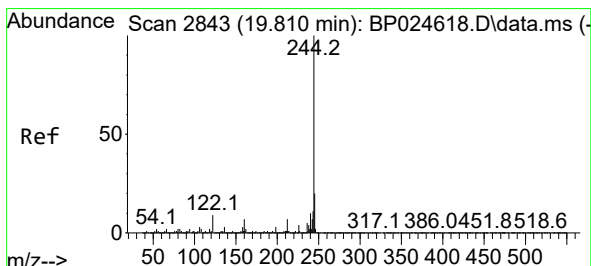
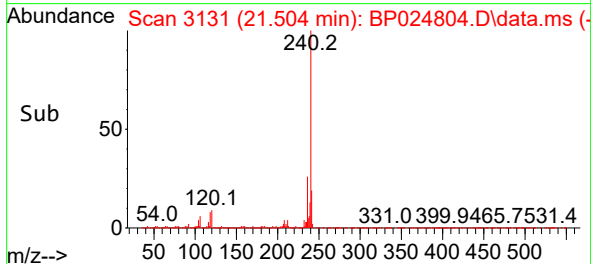
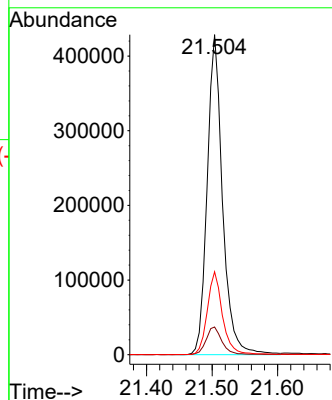
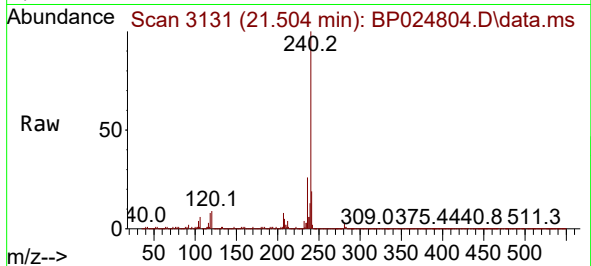




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3134
Delta R.T. -0.018 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

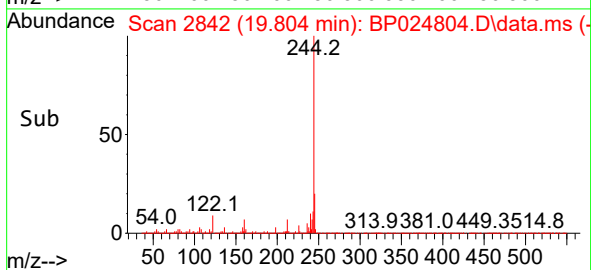
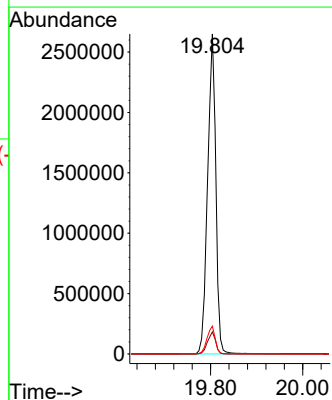
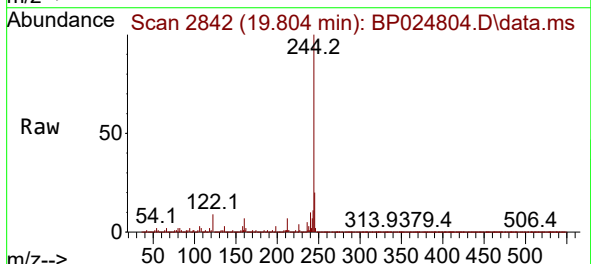
Instrument :
BNA_P
ClientSampleId :
TW-WTS-09

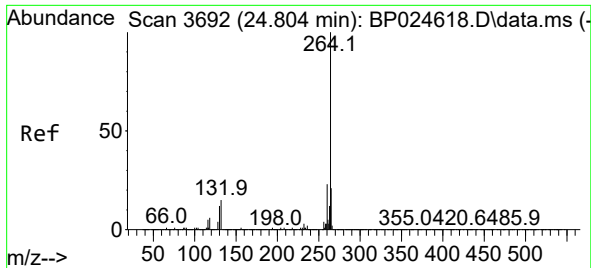
Tgt Ion:240 Resp: 699433
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.9 20.6 31.0



#79
Terphenyl-d14
Concen: 81.012 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

Tgt Ion:244 Resp: 3304539
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 8.7 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.774 min Scan# 30
Delta R.T. -0.029 min
Lab File: BP024804.D
Acq: 23 May 2025 22:34

Instrument :
BNA_P
ClientSampleId :
TW-WTS-09

Tgt Ion:264 Resp: 860223
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 21.7 17.0 25.6

