

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
 Data File : BP024477.D
 Acq On : 30 Apr 2025 17:28
 Operator : RC/JU
 Sample : Q1892-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-U2

Quant Time: Apr 30 17:56:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

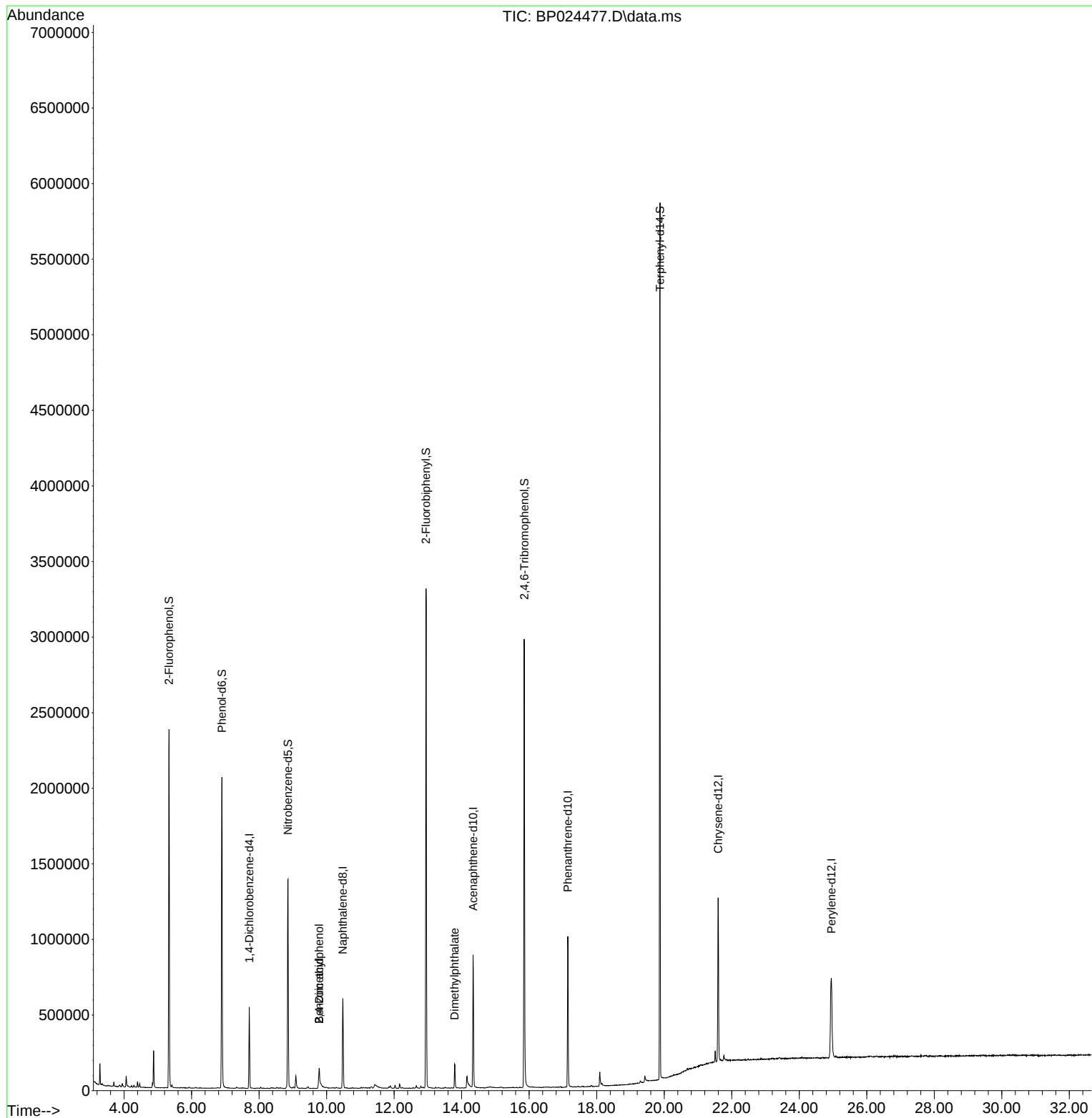
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	134109	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	520002	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	312507	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	617063	20.000	ng	0.00
76) Chrysene-d12	21.598	240	655407	20.000	ng	0.00
86) Perylene-d12	24.951	264	649035	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1035433	127.660	ng	-0.01
7) Phenol-d6	6.899	99	1224988	110.300	ng	-0.01
23) Nitrobenzene-d5	8.858	82	802459	87.994	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	668747	154.670	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	1740733	85.286	ng	-0.02
79) Terphenyl-d14	19.875	244	2738975	84.234	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.781	122	82284	14.843	ng	# 3
32) Benzoic acid	9.781	122	82284	12.739	ng	96
50) Dimethylphthalate	13.793	163	112499	4.950	ng	100

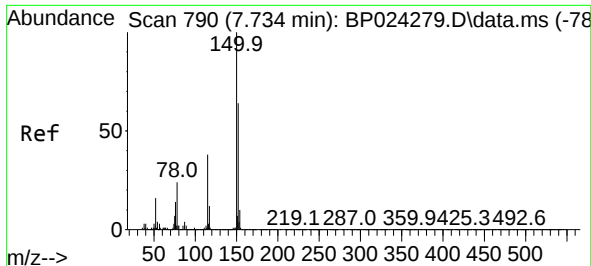
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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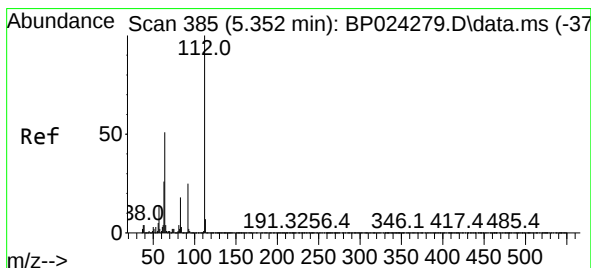
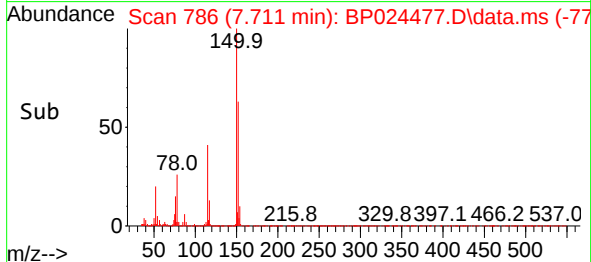
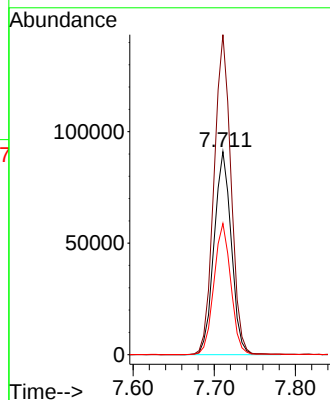
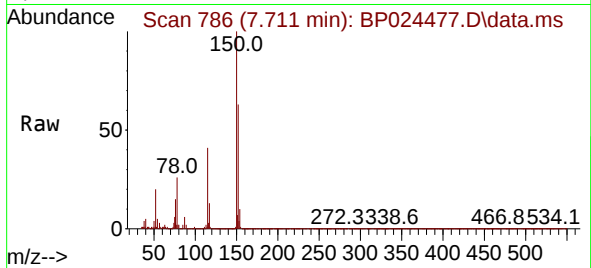




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024477.D
Acq: 30 Apr 2025 17:28

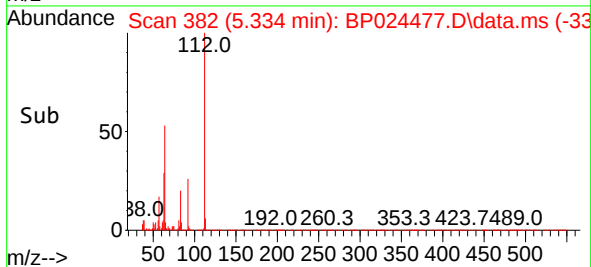
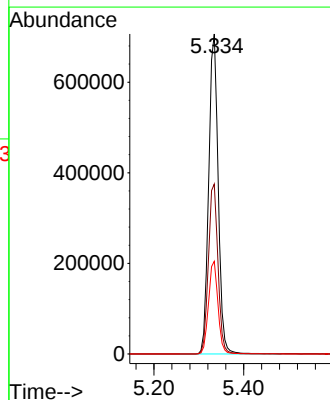
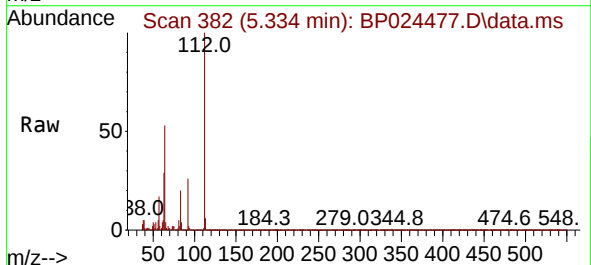
Instrument :
BNA_P
ClientSampleId :
MH-U2

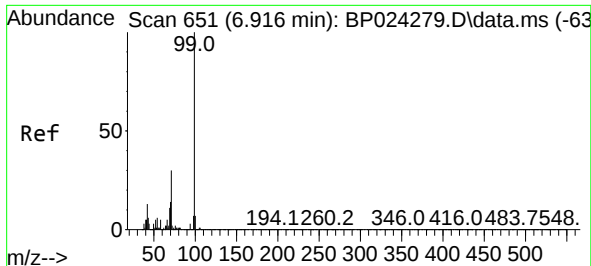
Tgt Ion:152 Resp: 134109
Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 64.6 47.7 71.5



#5
2-Fluorophenol
Concen: 127.660 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024477.D
Acq: 30 Apr 2025 17:28

Tgt Ion:112 Resp: 1035433
Ion Ratio Lower Upper
112 100
64 53.1 41.1 61.7
63 29.0 20.6 30.8

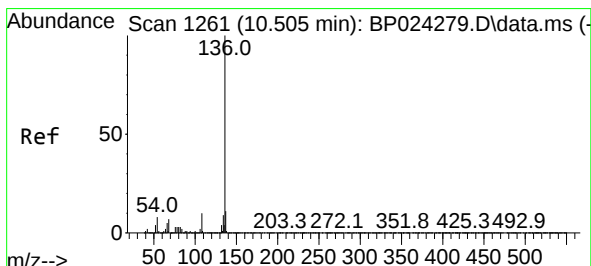
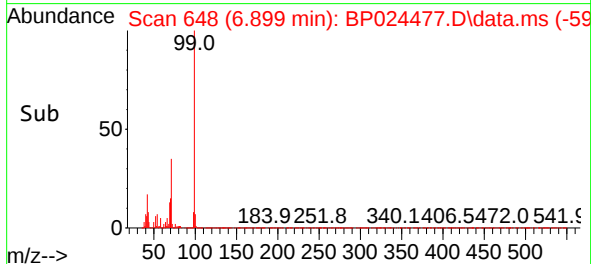
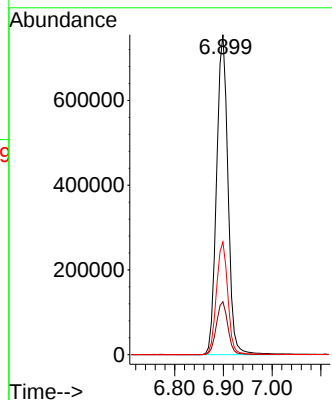
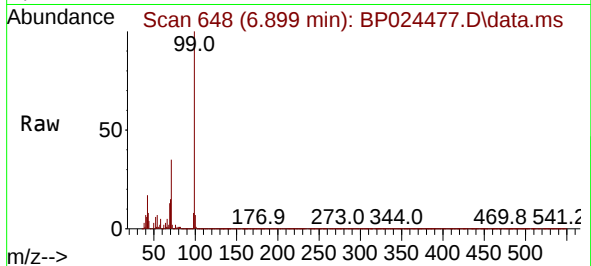




#7
Phenol-d6
Concen: 110.300 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024477.D
Acq: 30 Apr 2025 17:28

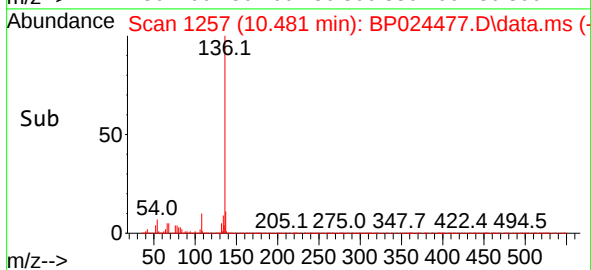
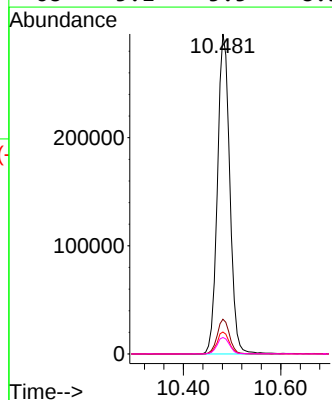
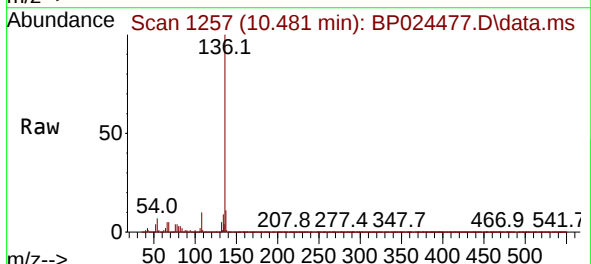
Instrument :
BNA_P
ClientSampleId :
MH-U2

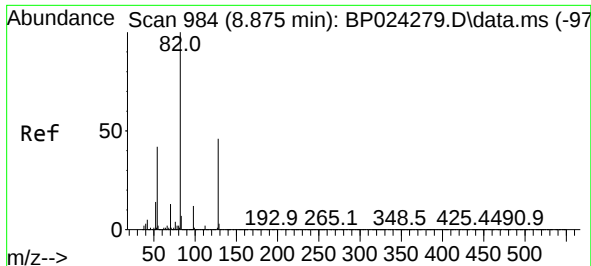
Tgt Ion: 99 Resp: 1224988
Ion Ratio Lower Upper
99 100
42 16.6 10.6 16.0#
71 35.2 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.017 min
Lab File: BP024477.D
Acq: 30 Apr 2025 17:28

Tgt Ion:136 Resp: 520002
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.8 6.0 9.0
68 5.1 5.5 8.3#

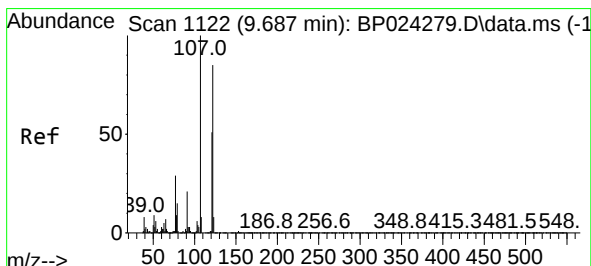
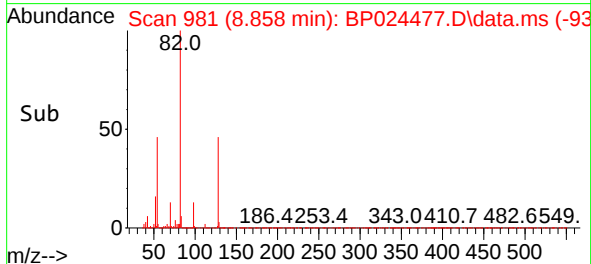
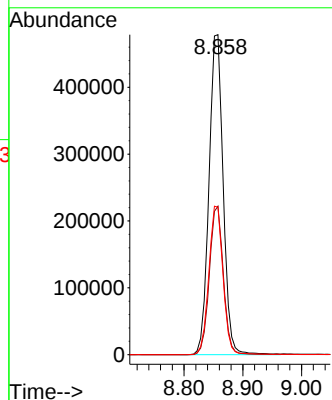
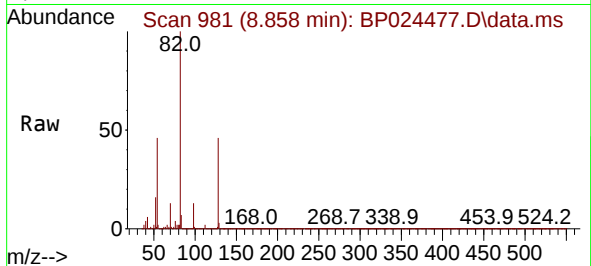




#23
Nitrobenzene-d5
Concen: 87.994 ng
RT: 8.858 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024477.D
Acq: 30 Apr 2025 17:28

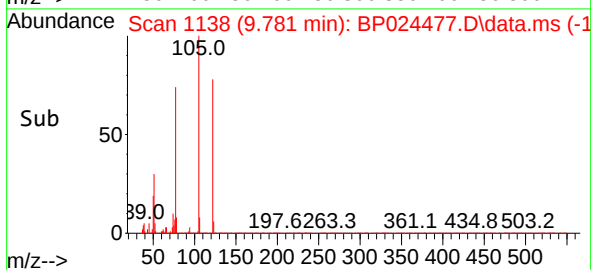
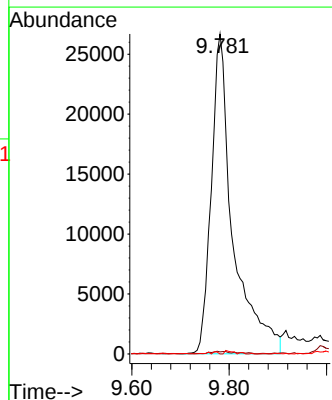
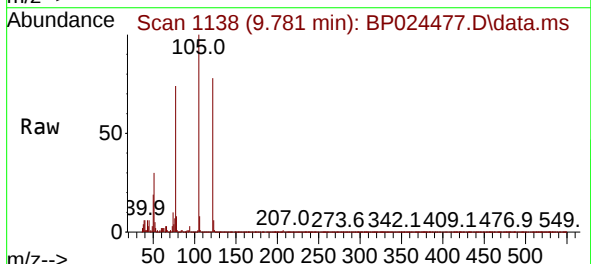
Instrument :
BNA_P
ClientSampleId :
MH-U2

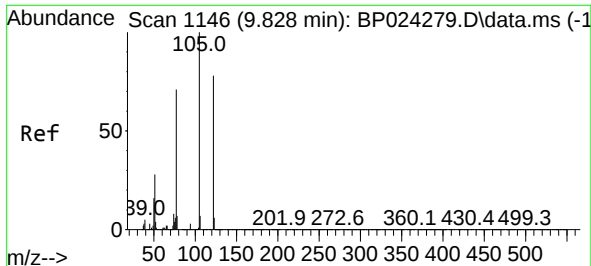
Tgt Ion: 82 Resp: 802459
Ion Ratio Lower Upper
82 100
128 46.4 36.5 54.7
54 46.1 33.4 50.2



#27
2,4-Dimethylphenol
Concen: 14.843 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.100 min
Lab File: BP024477.D
Acq: 30 Apr 2025 17:28

Tgt Ion: 122 Resp: 82284
Ion Ratio Lower Upper
122 100
107 0.7 93.7 140.5#
121 0.0 48.2 72.2#

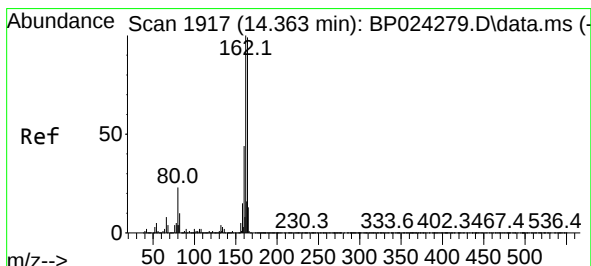
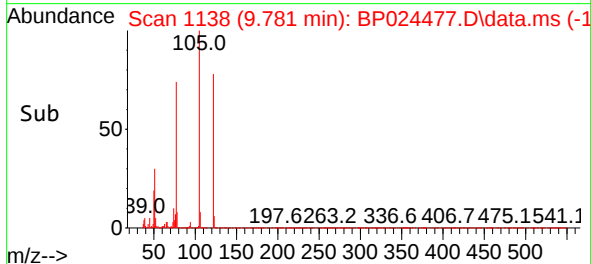
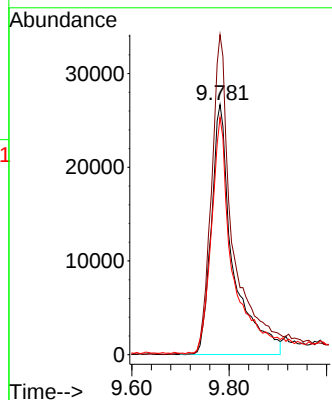
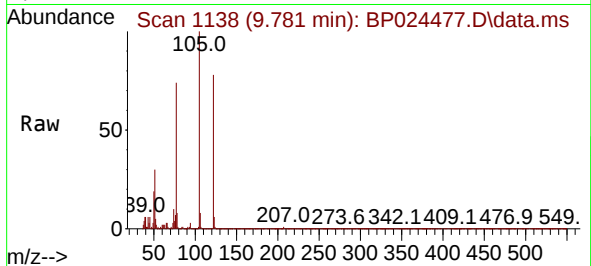




#32
Benzoic acid
Concen: 12.739 ng
RT: 9.781 min Scan# 1146
Delta R.T. -0.041 min
Lab File: BP024477.D
Acq: 30 Apr 2025 17:28

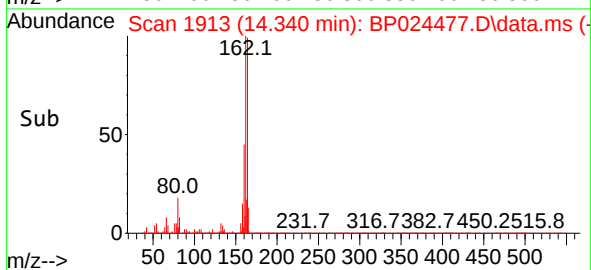
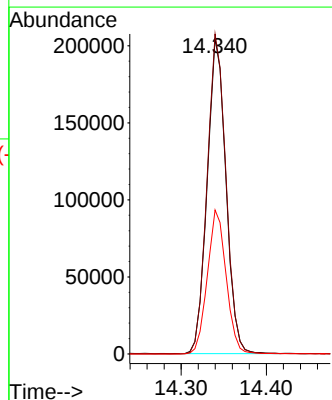
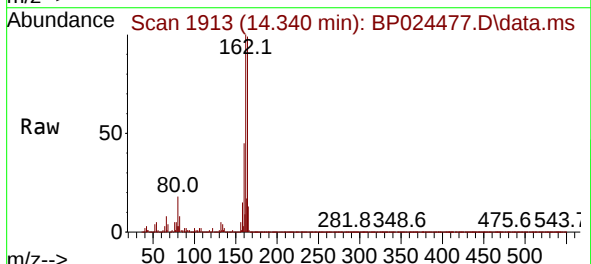
Instrument :
BNA_P
ClientSampleId :
MH-U2

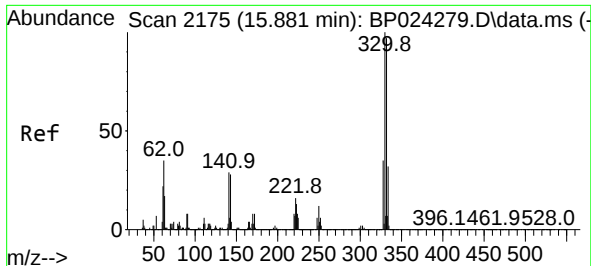
Tgt Ion:122 Resp: 82284
Ion Ratio Lower Upper
122 100
105 128.0 104.8 144.8
77 94.9 69.2 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024477.D
Acq: 30 Apr 2025 17:28

Tgt Ion:164 Resp: 312507
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 45.7 35.3 52.9

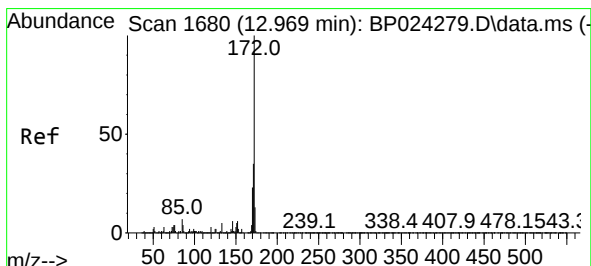
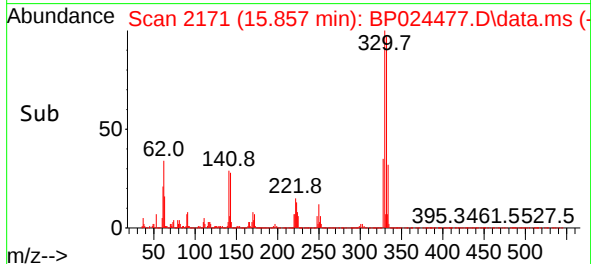
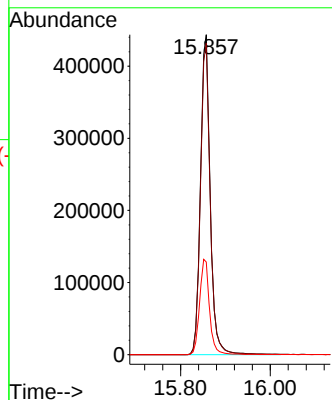
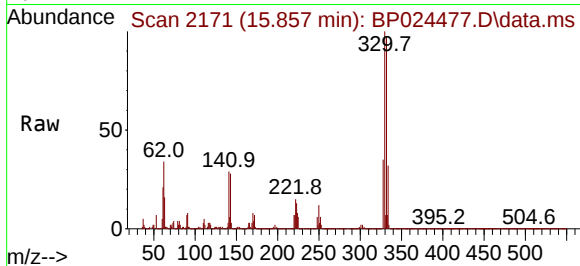




#42
2,4,6-Tribromophenol
Concen: 154.670 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024477.D
Acq: 30 Apr 2025 17:28

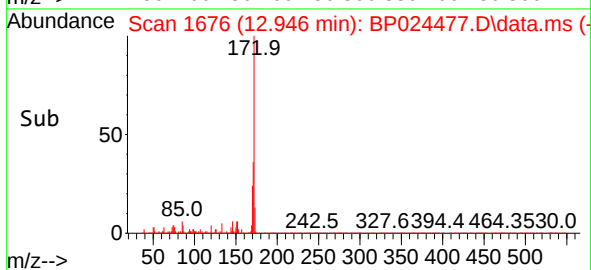
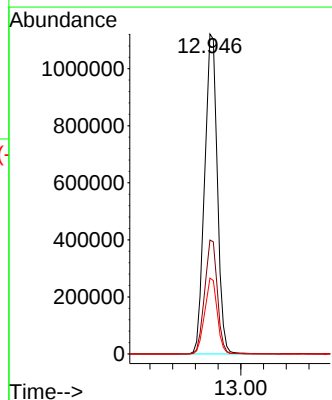
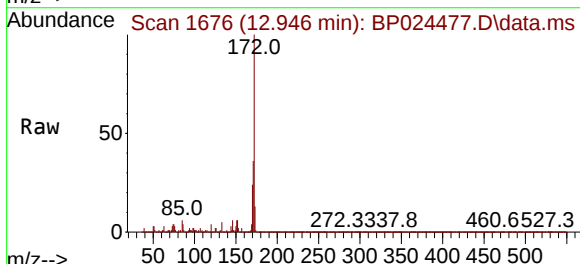
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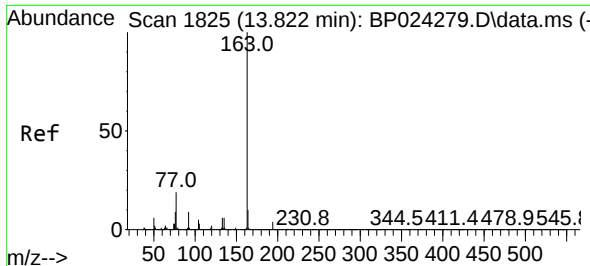
Tgt Ion:330 Resp: 668747
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 30.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 85.286 ng
RT: 12.946 min Scan# 1676
Delta R.T. -0.017 min
Lab File: BP024477.D
Acq: 30 Apr 2025 17:28

Tgt Ion:172 Resp: 1740733
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.7 18.6 27.8

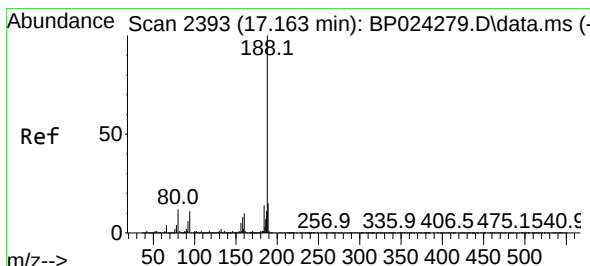
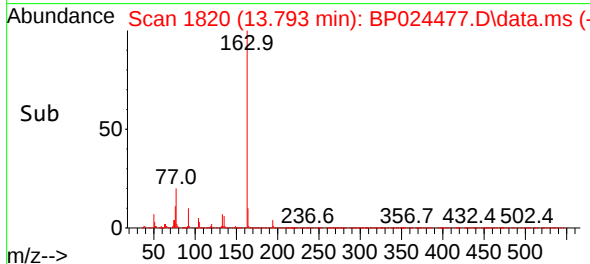
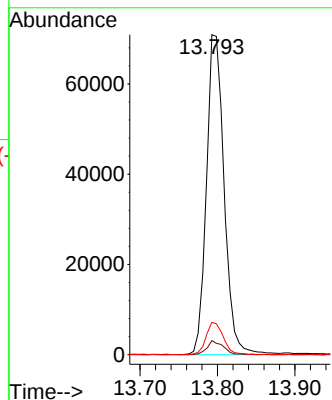
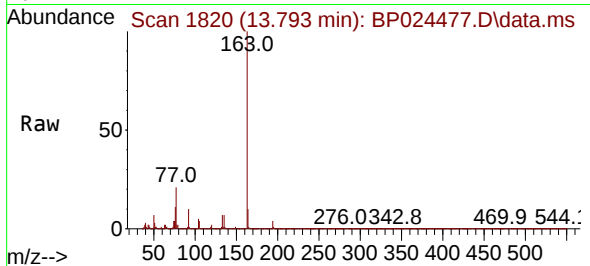




#50
Dimethylphthalate
Concen: 4.950 ng
RT: 13.793 min Scan# 1820
Delta R.T. -0.017 min
Lab File: BP024477.D
Acq: 30 Apr 2025 17:28

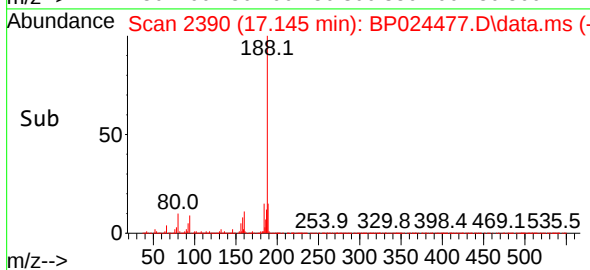
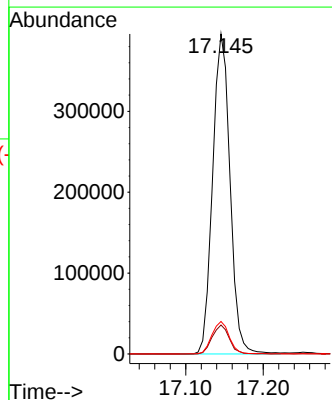
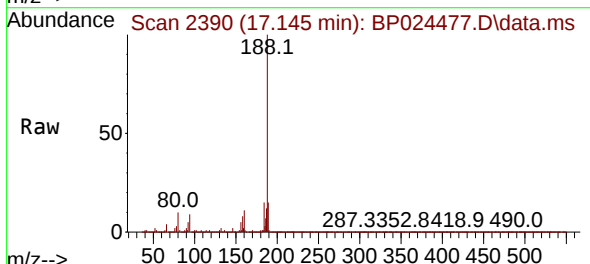
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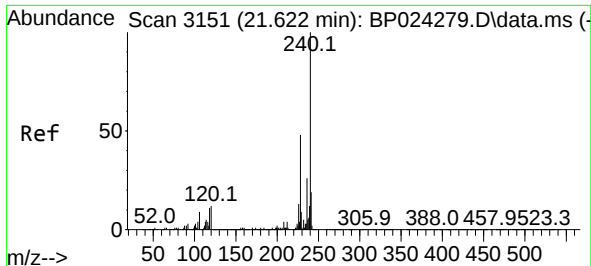
Tgt Ion:163 Resp: 112499
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.1 8.0 12.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024477.D
Acq: 30 Apr 2025 17:28

Tgt Ion:188 Resp: 617063
Ion Ratio Lower Upper
188 100
94 9.1 8.6 13.0
80 10.1 9.8 14.6

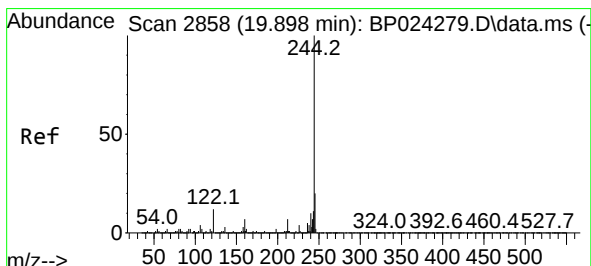
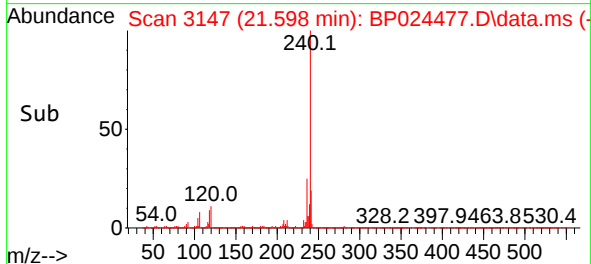
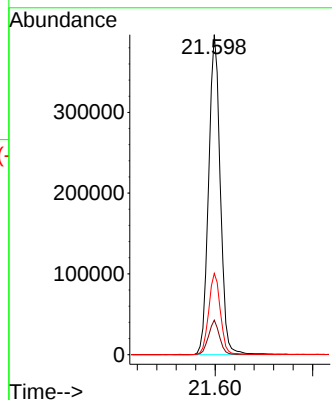
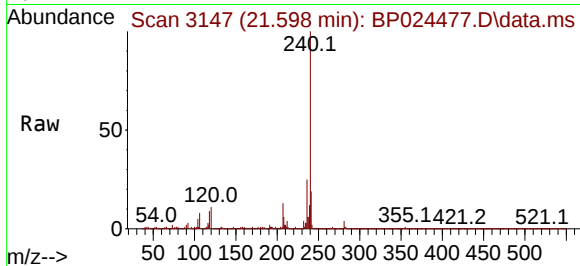




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3151
Delta R.T. 0.006 min
Lab File: BP024477.D
Acq: 30 Apr 2025 17:28

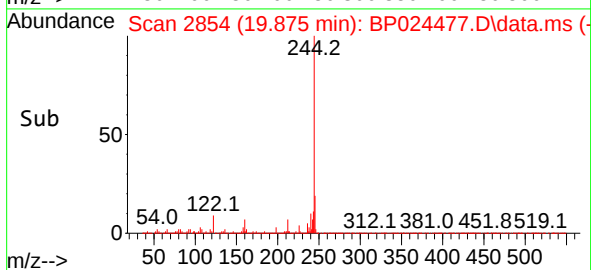
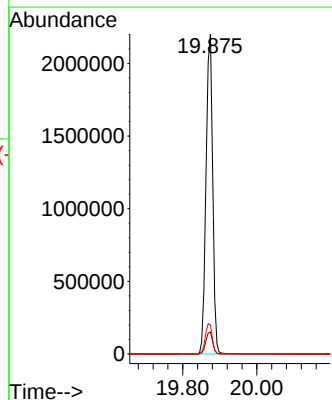
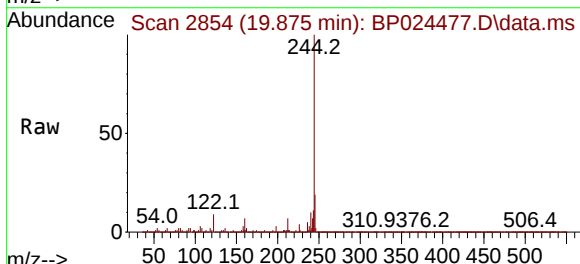
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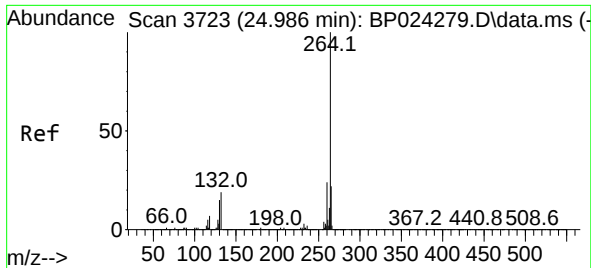
Tgt Ion:240 Resp: 655407
Ion Ratio Lower Upper
240 100
120 10.8 9.8 14.8
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 84.234 ng
RT: 19.875 min Scan# 2854
Delta R.T. 0.000 min
Lab File: BP024477.D
Acq: 30 Apr 2025 17:28

Tgt Ion:244 Resp: 2738975
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 9.1 9.4 14.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.951 min Scan# 31
 Delta R.T. 0.018 min
 Lab File: BP024477.D
 Acq: 30 Apr 2025 17:28

Instrument :
 BNA_P
 ClientSampleId :
 MH-U2

Tgt Ion:264 Resp: 649035
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.9 28.3
 265 22.3 17.8 26.6

