

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
 Data File : BP024475.D
 Acq On : 30 Apr 2025 16:07
 Operator : RC/JU
 Sample : Q1892-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-G

Quant Time: Apr 30 16:36:28 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)

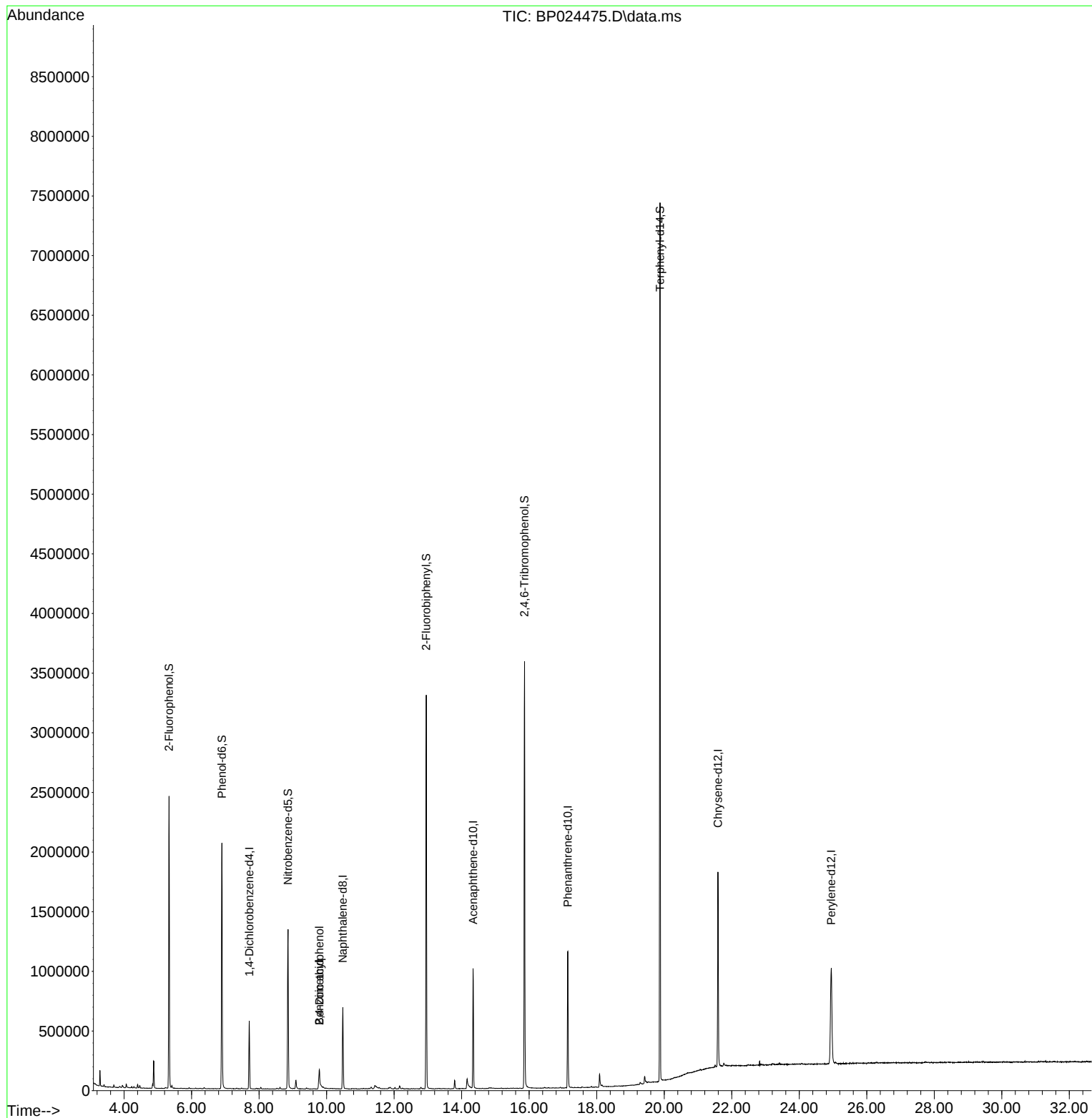
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	149834	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	574553	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	343108	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	712542	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	869407	20.000	ng	0.00
86) Perylene-d12	24.945	264	956458	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1029605	113.619	ng	-0.01
7) Phenol-d6	6.899	99	1205017	97.114	ng	-0.01
23) Nitrobenzene-d5	8.858	82	795954	78.994	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	729945	153.767	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1667461	74.410	ng	-0.01
79) Terphenyl-d14	19.875	244	3500794	81.163	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.787	122	99432	16.234	ng	# 3
32) Benzoic acid	9.787	122	101177	14.177	ng	99

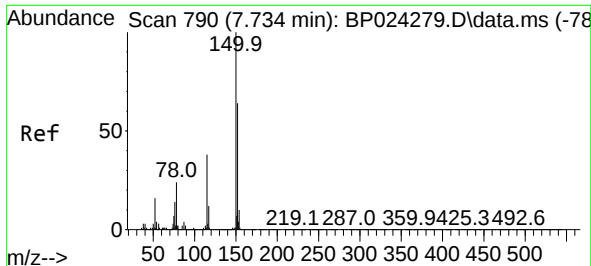
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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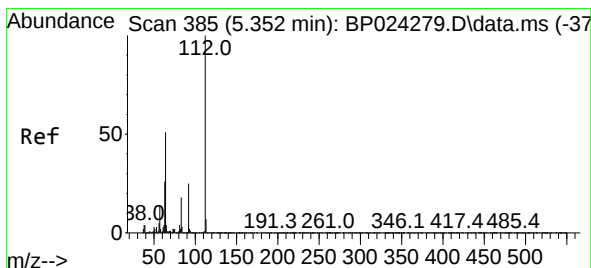
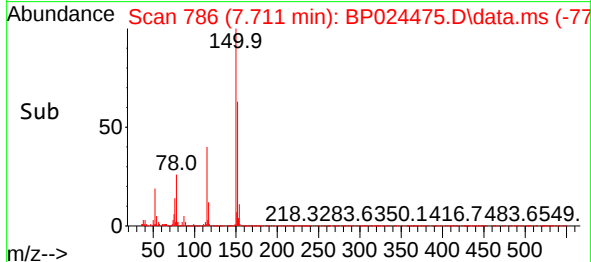
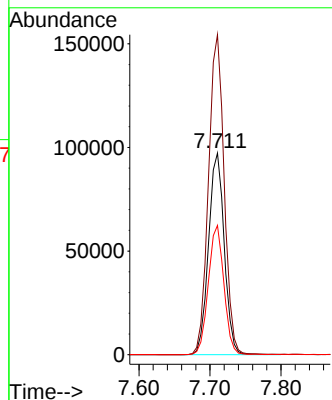
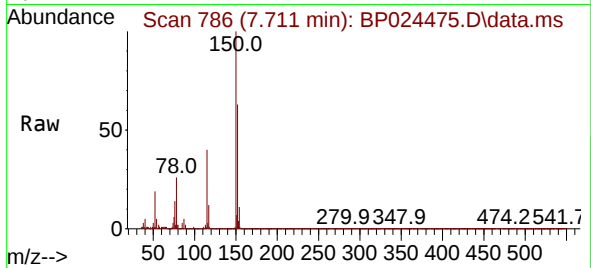




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.711 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BP024475.D
 Acq: 30 Apr 2025 16:07

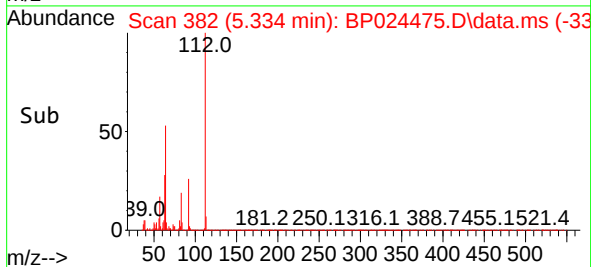
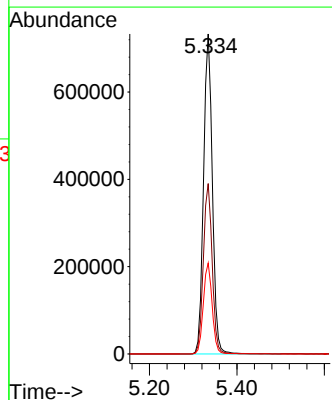
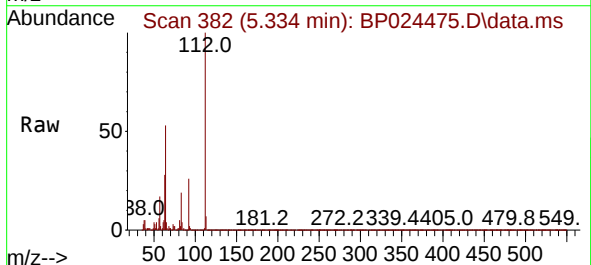
Instrument :
 BNA_P
 ClientSampleId :
 MH-G

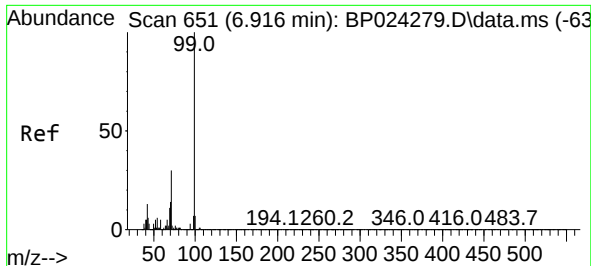
Tgt Ion:152 Resp: 149834
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.9 187.3
 115 64.2 47.7 71.5



#5
 2-Fluorophenol
 Concen: 113.619 ng
 RT: 5.334 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: BP024475.D
 Acq: 30 Apr 2025 16:07

Tgt Ion:112 Resp: 1029605
 Ion Ratio Lower Upper
 112 100
 64 53.2 41.1 61.7
 63 28.4 20.6 30.8

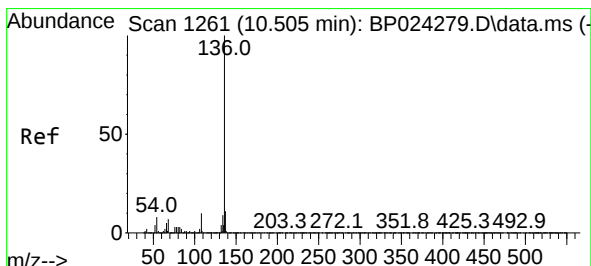
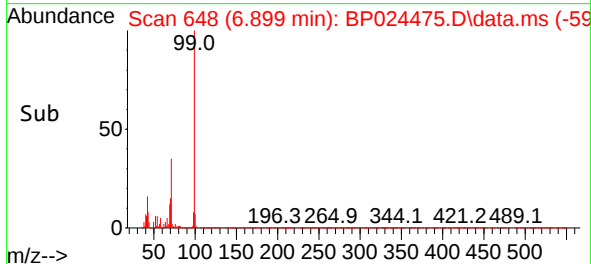
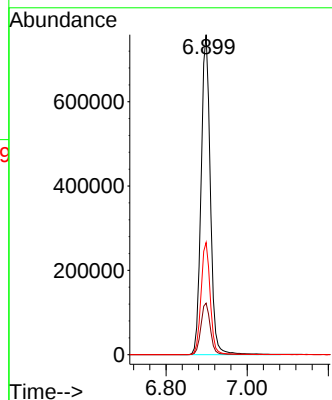
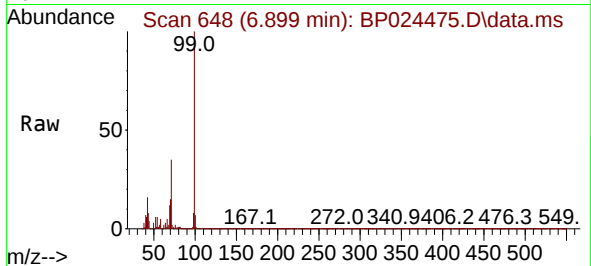




#7
Phenol-d6
Concen: 97.114 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024475.D
Acq: 30 Apr 2025 16:07

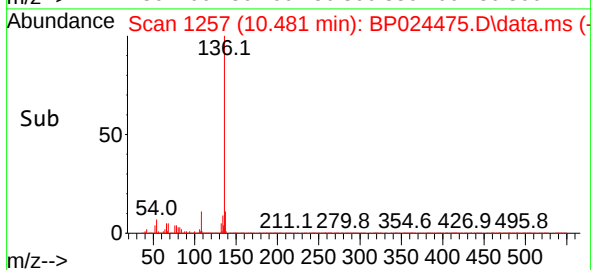
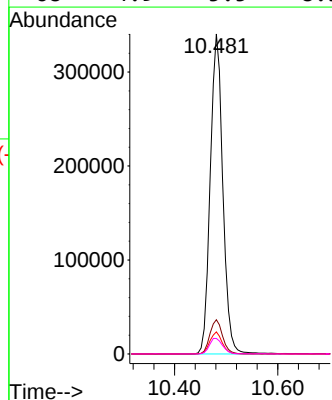
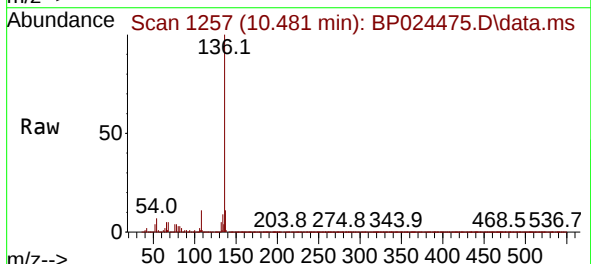
Instrument :
BNA_P
ClientSampleId :
MH-G

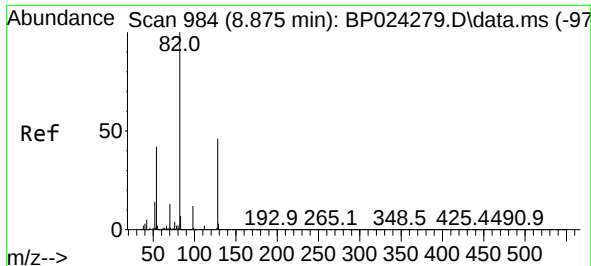
Tgt Ion: 99 Resp: 1205017
Ion Ratio Lower Upper
99 100
42 16.1 10.6 16.0#
71 35.1 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.017 min
Lab File: BP024475.D
Acq: 30 Apr 2025 16:07

Tgt Ion: 136 Resp: 574553
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 6.9 6.0 9.0
68 4.9 5.5 8.3#

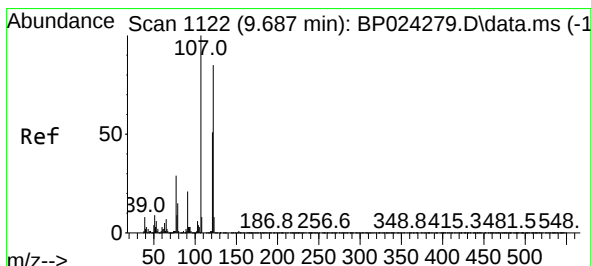
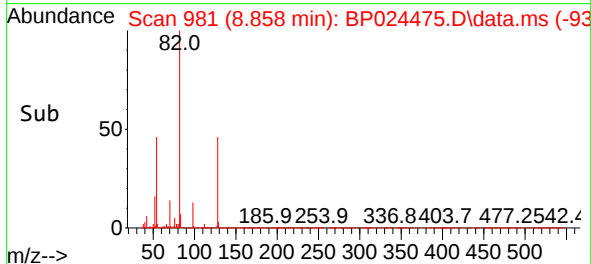
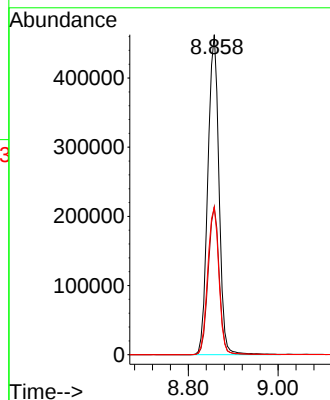
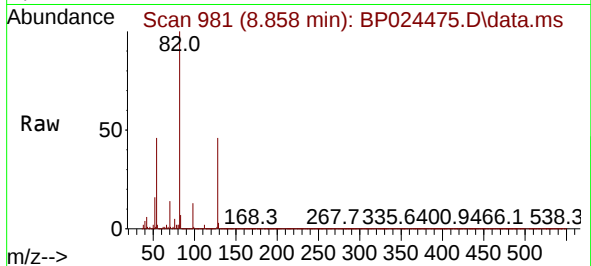




#23
Nitrobenzene-d5
Concen: 78.994 ng
RT: 8.858 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024475.D
Acq: 30 Apr 2025 16:07

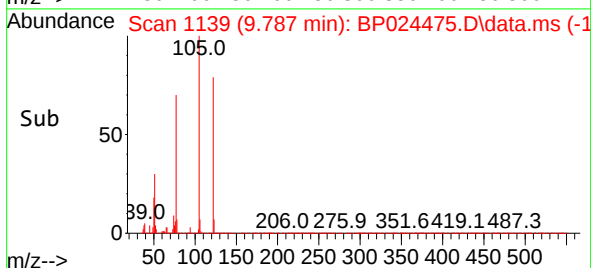
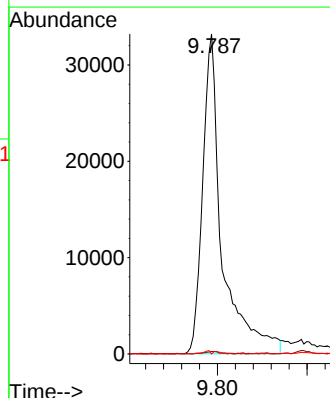
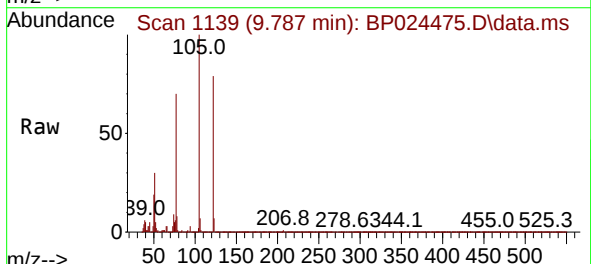
Instrument :
BNA_P
ClientSampleId :
MH-G

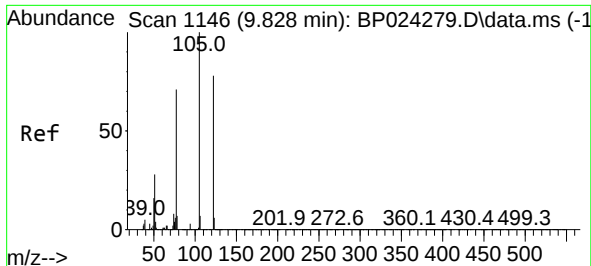
Tgt Ion: 82 Resp: 795954
Ion Ratio Lower Upper
82 100
128 46.2 36.5 54.7
54 46.0 33.4 50.2



#27
2,4-Dimethylphenol
Concen: 16.234 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.106 min
Lab File: BP024475.D
Acq: 30 Apr 2025 16:07

Tgt Ion: 122 Resp: 99432
Ion Ratio Lower Upper
122 100
107 0.7 93.7 140.5#
121 0.0 48.2 72.2#

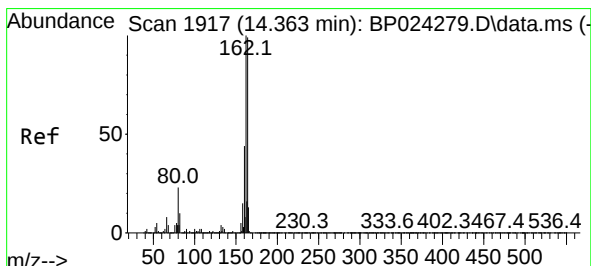
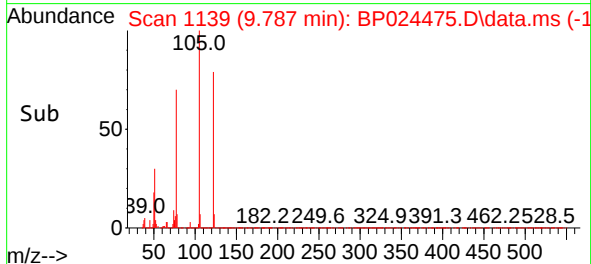
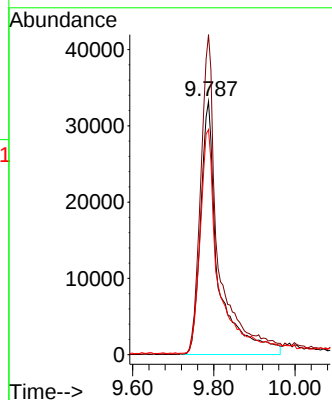
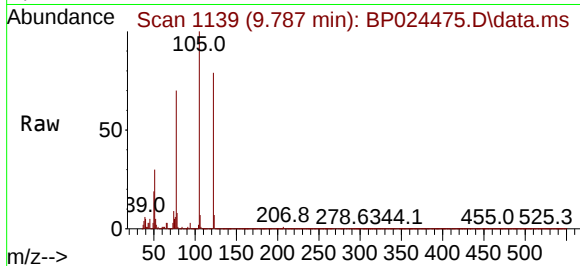




#32
Benzoic acid
Concen: 14.177 ng
RT: 9.787 min Scan# 1146
Delta R.T. -0.035 min
Lab File: BP024475.D
Acq: 30 Apr 2025 16:07

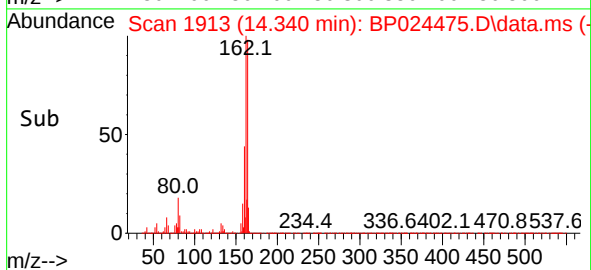
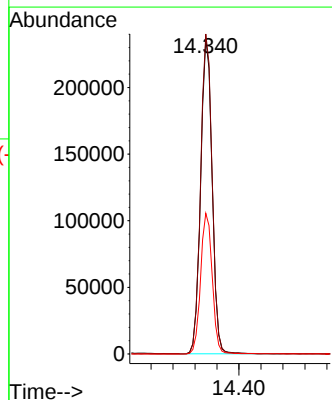
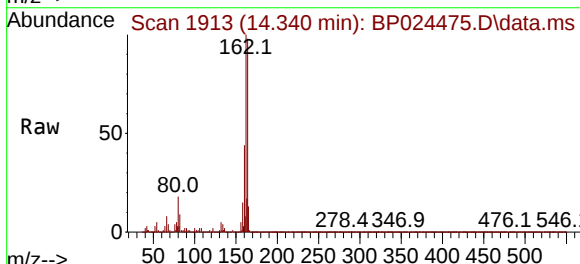
Instrument :
BNA_P
ClientSampleId :
MH-G

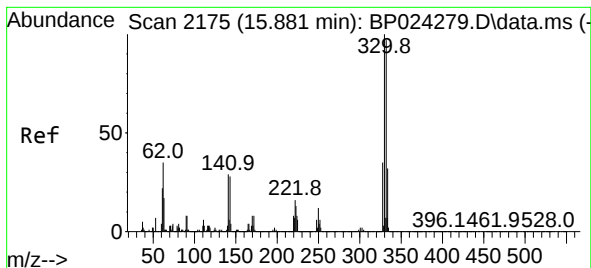
Tgt Ion:122 Resp: 101177
Ion Ratio Lower Upper
122 100
105 126.3 104.8 144.8
77 88.8 69.2 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024475.D
Acq: 30 Apr 2025 16:07

Tgt Ion:164 Resp: 343108
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 44.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 153.767 ng

RT: 15.863 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BP024475.D

Acq: 30 Apr 2025 16:07

Instrument :

BNA_P

ClientSampleId :

MH-G

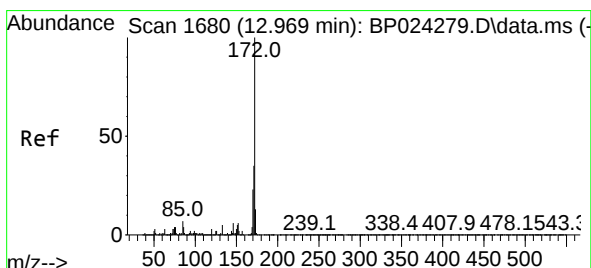
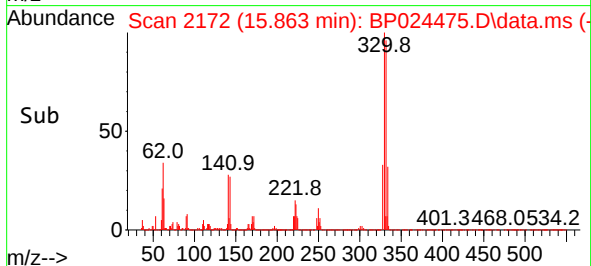
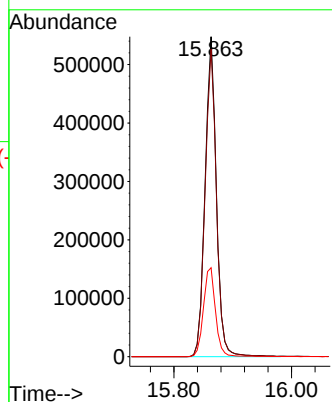
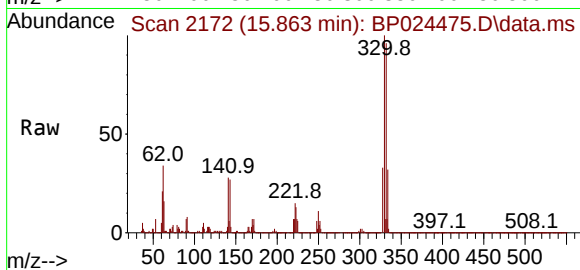
Tgt Ion:330 Resp: 729945

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 29.8 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 74.410 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024475.D

Acq: 30 Apr 2025 16:07

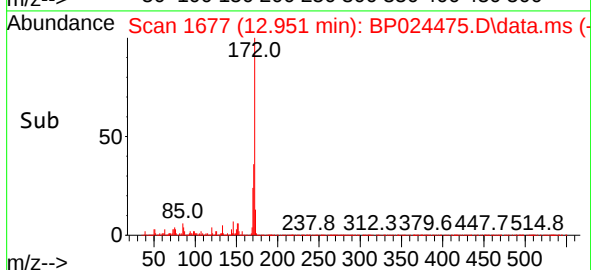
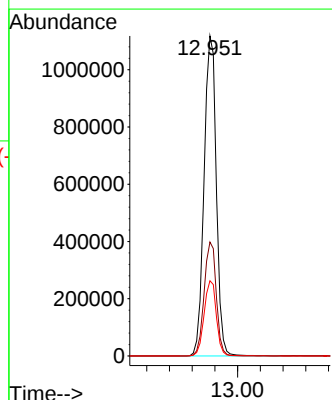
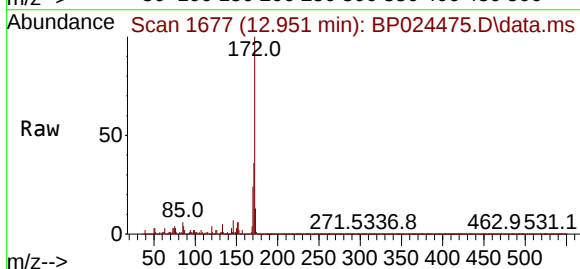
Tgt Ion:172 Resp: 1667461

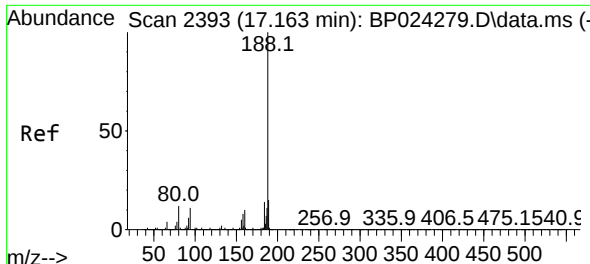
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.5 18.6 27.8

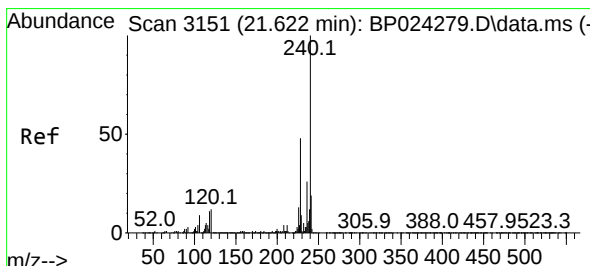
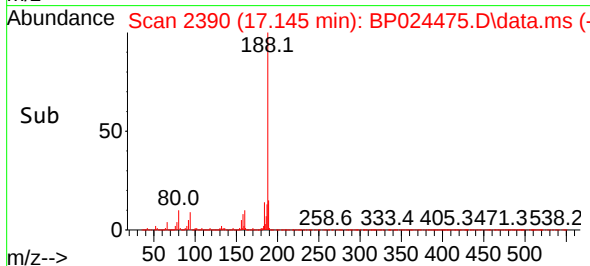
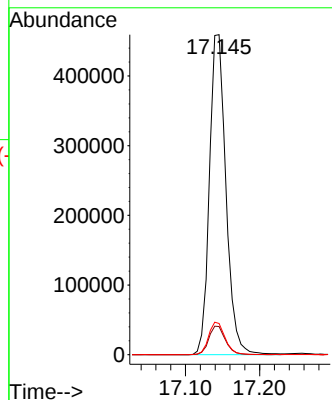
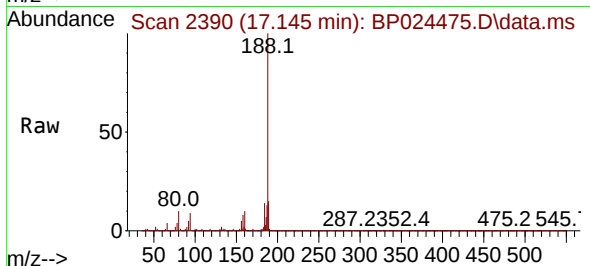




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024475.D
Acq: 30 Apr 2025 16:07

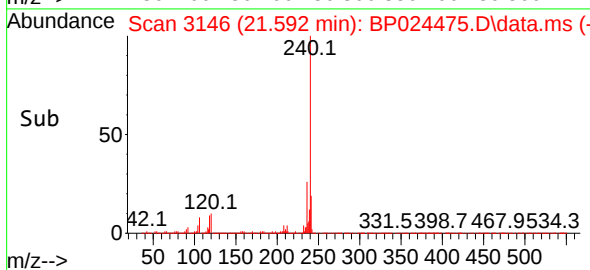
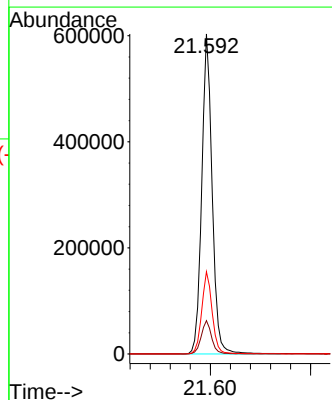
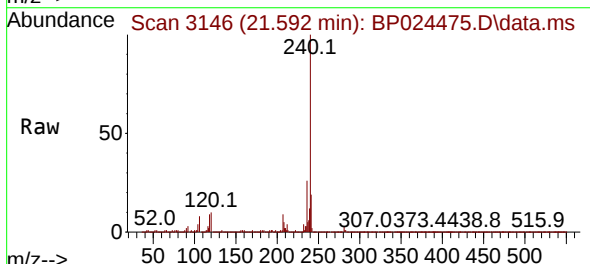
Instrument :
BNA_P
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MH-G

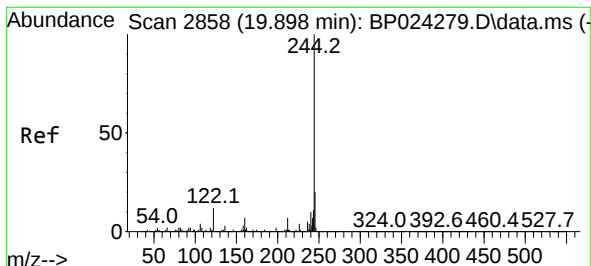
Tgt Ion:188 Resp: 712542
Ion Ratio Lower Upper
188 100
94 8.8 8.6 13.0
80 9.8 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024475.D
Acq: 30 Apr 2025 16:07

Tgt Ion:240 Resp: 869407
Ion Ratio Lower Upper
240 100
120 10.4 9.8 14.8
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 81.163 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024475.D

Acq: 30 Apr 2025 16:07

Instrument :

BNA_P

ClientSampleId :

MH-G

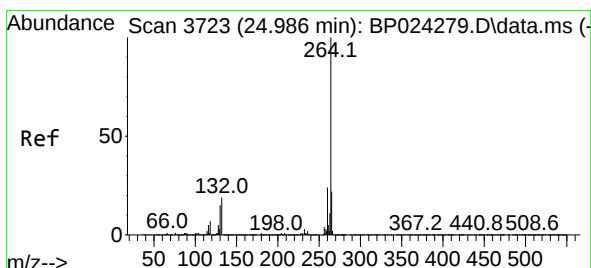
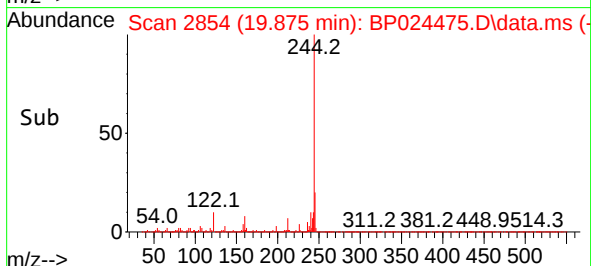
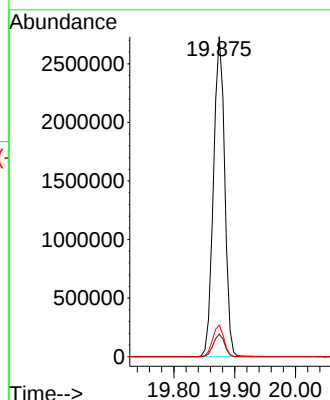
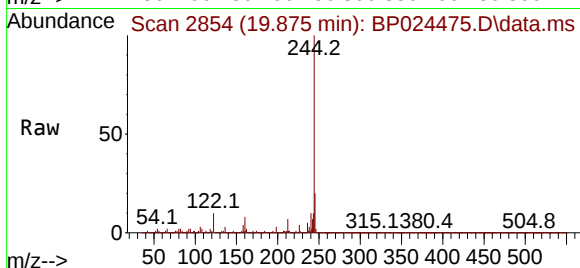
Tgt Ion:244 Resp: 3500794

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.9 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. 0.012 min

Lab File: BP024475.D

Acq: 30 Apr 2025 16:07

Tgt Ion:264 Resp: 956458

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.6 17.8 26.6

