

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
 Data File : BP024479.D
 Acq On : 30 Apr 2025 18:50
 Operator : RC/JU
 Sample : Q1900-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-2

Quant Time: May 01 01:06:37 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)

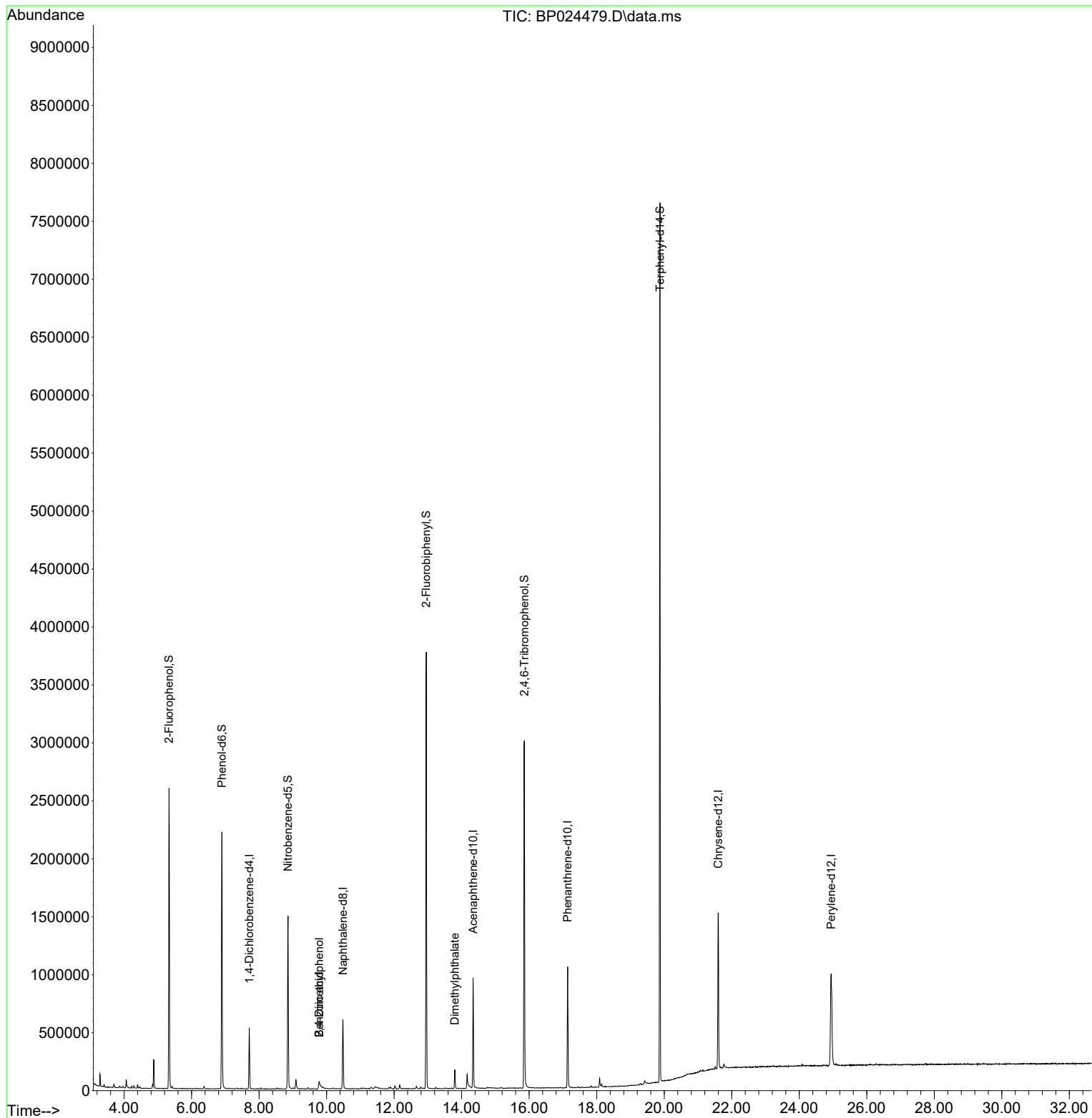
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	135426	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	515132	20.000	ng	#-0.01
39) Acenaphthene-d10	14.340	164	312586	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	637680	20.000	ng	# 0.00
76) Chrysene-d12	21.598	240	798028	20.000	ng	0.00
86) Perylene-d12	24.945	264	927368	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1103106	134.681	ng	-0.01
7) Phenol-d6	6.899	99	1275077	113.693	ng	-0.01
23) Nitrobenzene-d5	8.858	82	845070	93.543	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	710051	164.181	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1794317	87.889	ng	-0.01
79) Terphenyl-d14	19.875	244	3556078	89.818	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.781	122	52679	9.593	ng	# 3
32) Benzoic acid	9.781	122	52679	8.233	ng	99
50) Dimethylphthalate	13.798	163	109743	4.828	ng	98

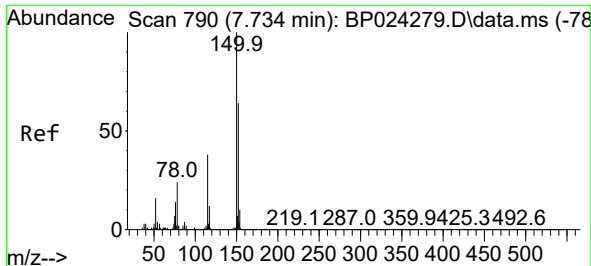
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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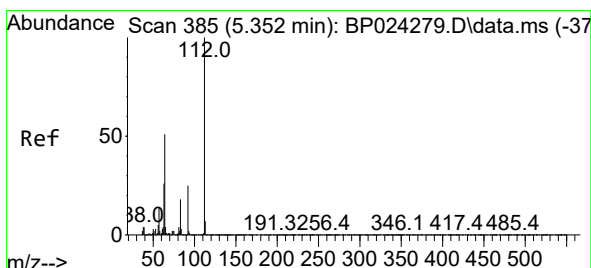
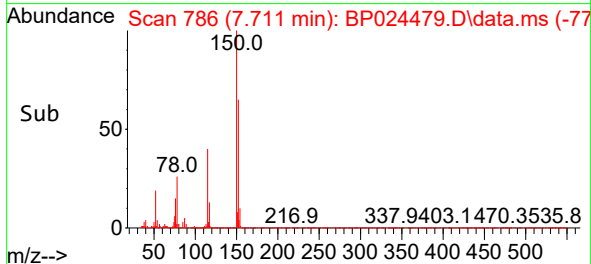
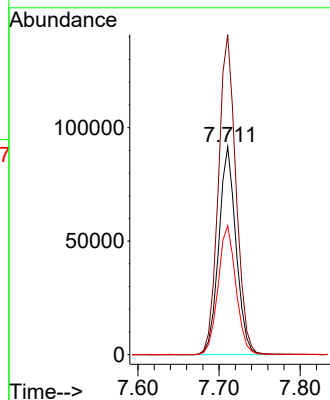
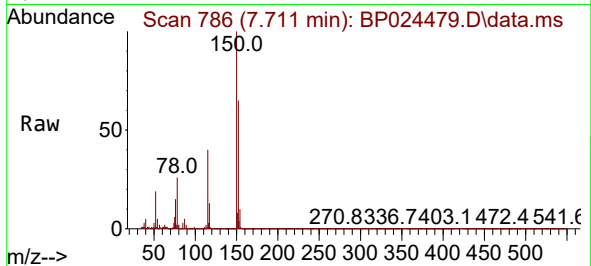




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024479.D
Acq: 30 Apr 2025 18:50

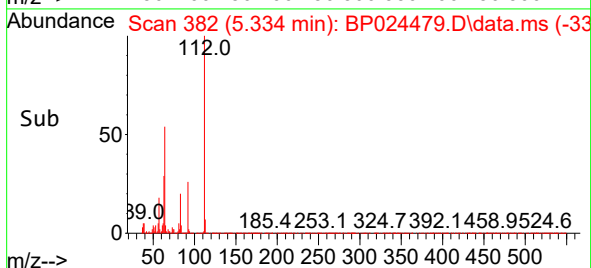
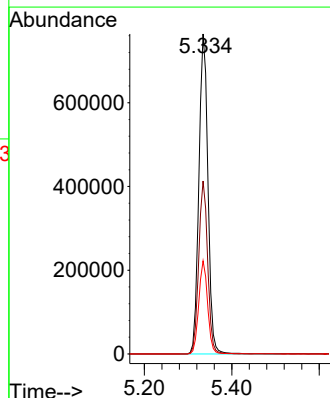
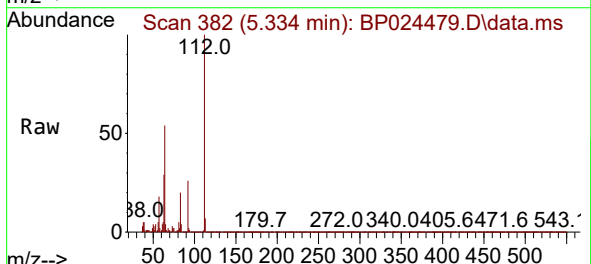
Instrument :
BNA_P
ClientSampleId :
WC-2

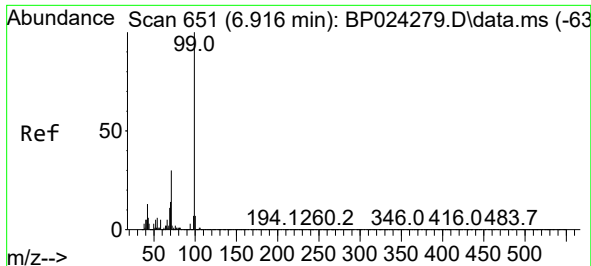
Tgt Ion:152 Resp: 135426
Ion Ratio Lower Upper
152 100
150 153.8 124.9 187.3
115 62.0 47.7 71.5



#5
2-Fluorophenol
Concen: 134.681 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024479.D
Acq: 30 Apr 2025 18:50

Tgt Ion:112 Resp: 1103106
Ion Ratio Lower Upper
112 100
64 54.0 41.1 61.7
63 29.1 20.6 30.8

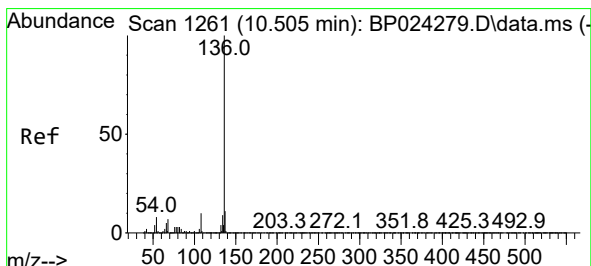
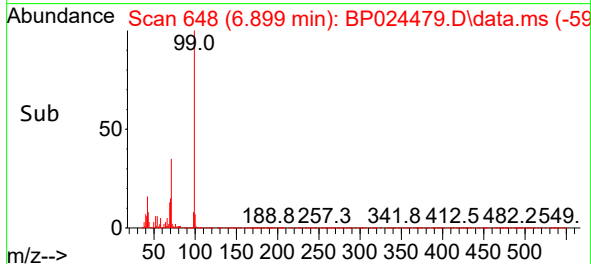
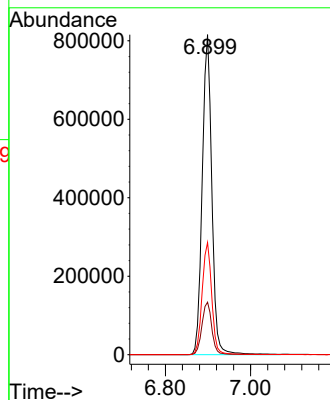
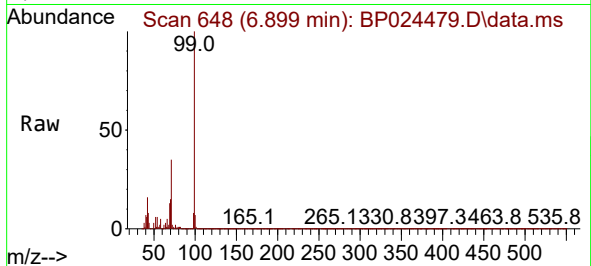




#7
Phenol-d6
Concen: 113.693 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024479.D
Acq: 30 Apr 2025 18:50

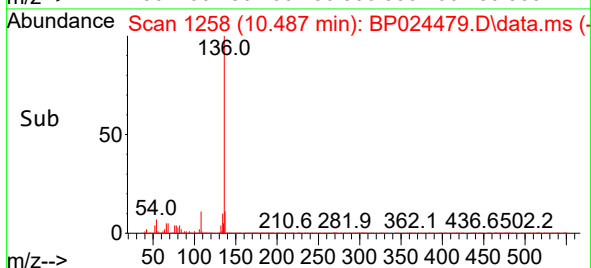
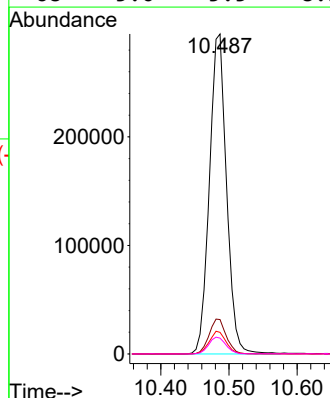
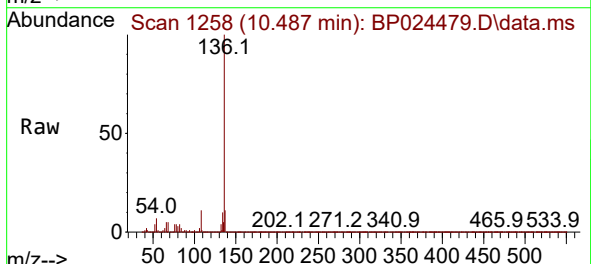
Instrument :
BNA_P
ClientSampleId :
WC-2

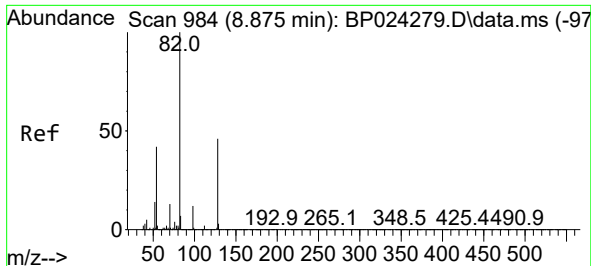
Tgt Ion: 99 Resp: 1275077
Ion Ratio Lower Upper
99 100
42 16.4 10.6 16.0#
71 35.0 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024479.D
Acq: 30 Apr 2025 18:50

Tgt Ion:136 Resp: 515132
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 6.7 6.0 9.0
68 5.0 5.5 8.3#

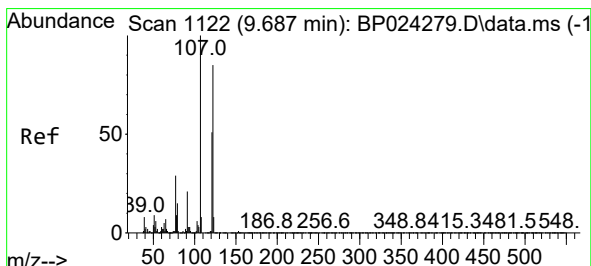
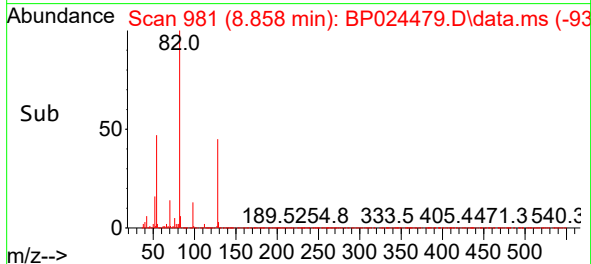
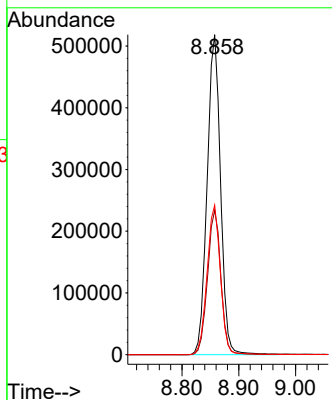
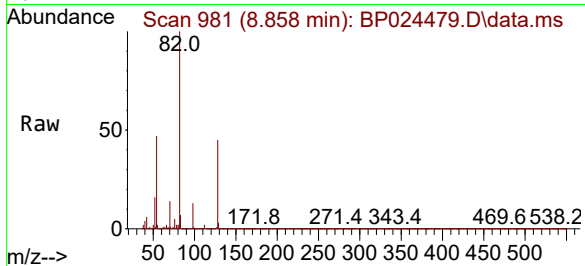




#23
Nitrobenzene-d5
Concen: 93.543 ng
RT: 8.858 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024479.D
Acq: 30 Apr 2025 18:50

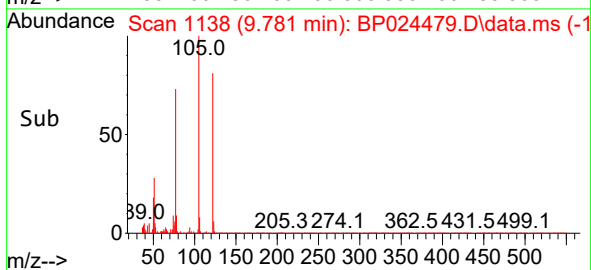
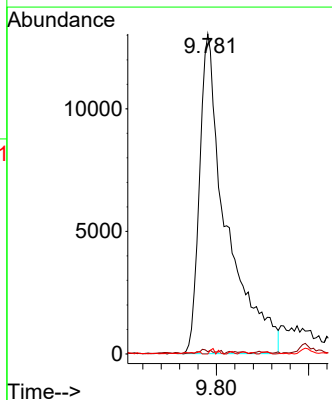
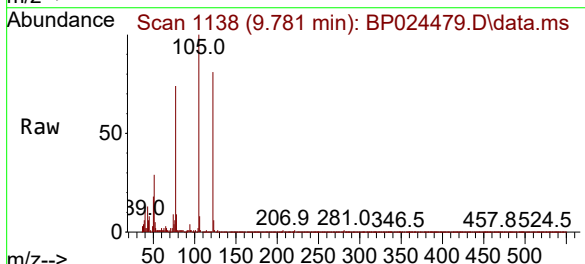
Instrument :
BNA_P
ClientSampleId :
WC-2

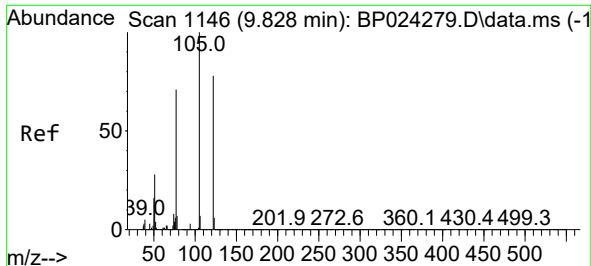
Tgt Ion: 82 Resp: 845070
Ion Ratio Lower Upper
82 100
128 45.2 36.5 54.7
54 46.8 33.4 50.2



#27
2,4-Dimethylphenol
Concen: 9.593 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.100 min
Lab File: BP024479.D
Acq: 30 Apr 2025 18:50

Tgt Ion:122 Resp: 52679
Ion Ratio Lower Upper
122 100
107 0.7 93.7 140.5#
121 0.0 48.2 72.2#

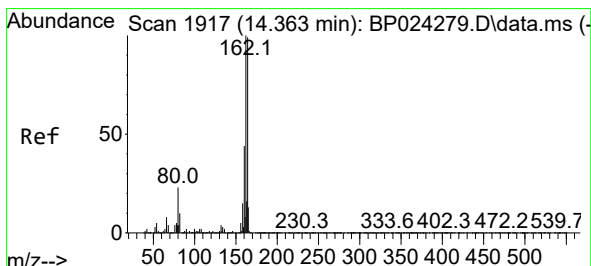
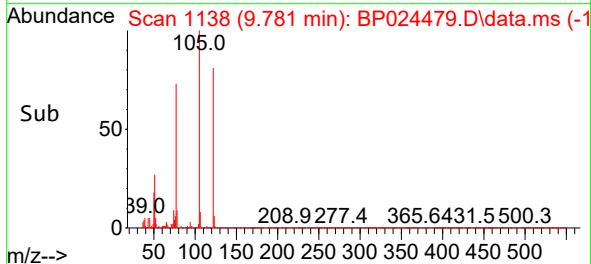
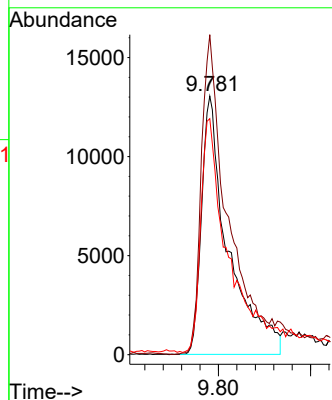
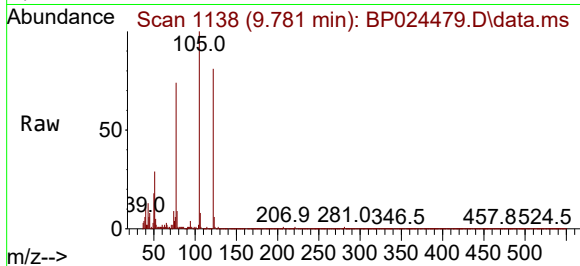




#32
Benzoic acid
Concen: 8.233 ng
RT: 9.781 min Scan# 1146
Delta R.T. -0.041 min
Lab File: BP024479.D
Acq: 30 Apr 2025 18:50

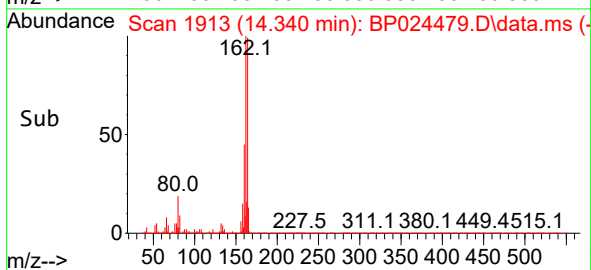
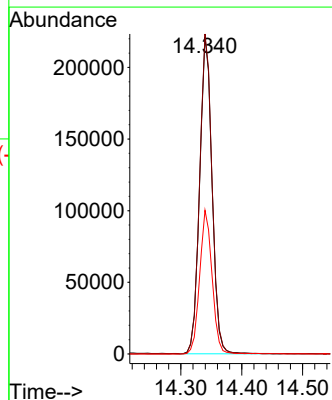
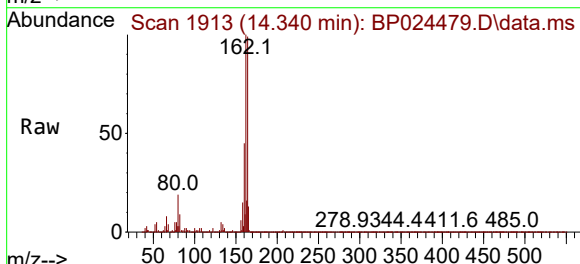
Instrument :
BNA_P
ClientSampleId :
WC-2

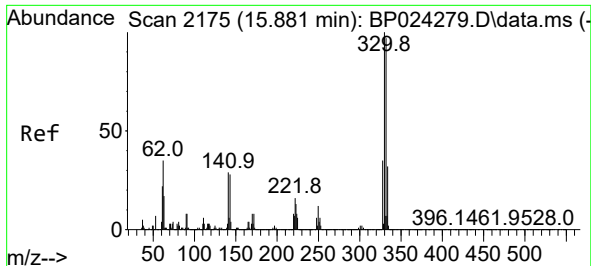
Tgt Ion:122 Resp: 52679
Ion Ratio Lower Upper
122 100
105 123.7 104.8 144.8
77 91.3 69.2 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024479.D
Acq: 30 Apr 2025 18:50

Tgt Ion:164 Resp: 312586
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 45.3 35.3 52.9

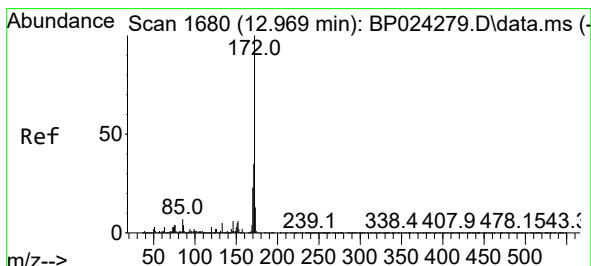
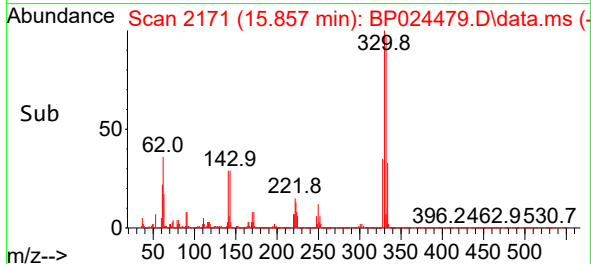
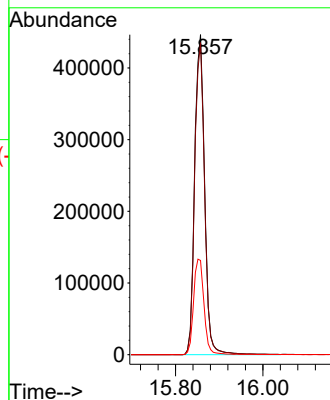
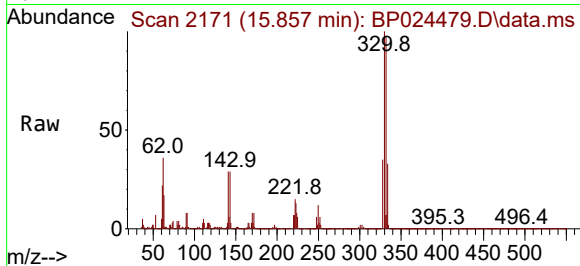




#42
2,4,6-Tribromophenol
Concen: 164.181 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024479.D
Acq: 30 Apr 2025 18:50

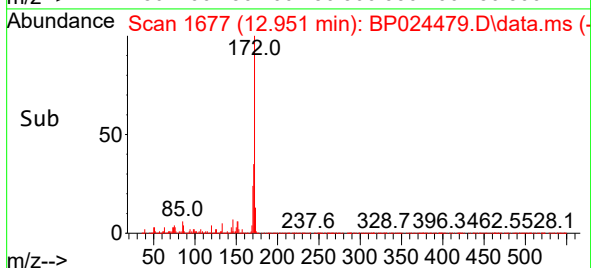
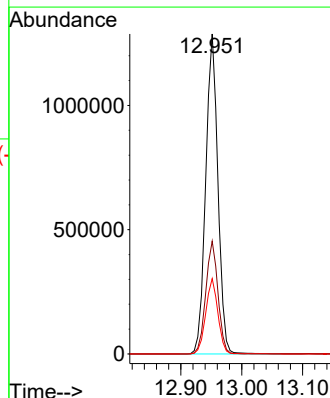
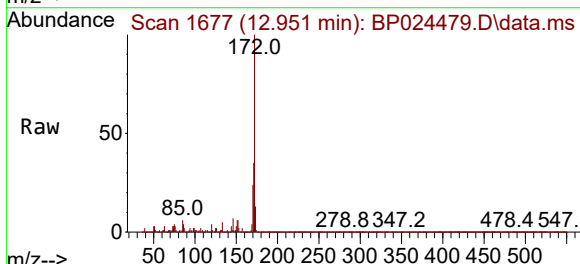
Instrument :
BNA_P
ClientSampleId :
WC-2

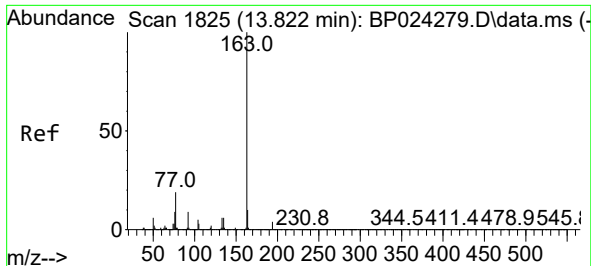
Tgt Ion:330 Resp: 710051
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 31.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 87.889 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024479.D
Acq: 30 Apr 2025 18:50

Tgt Ion:172 Resp: 1794317
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.6 18.6 27.8

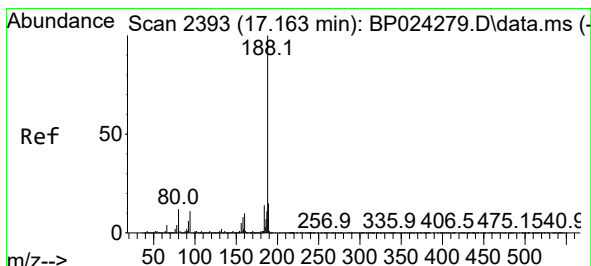
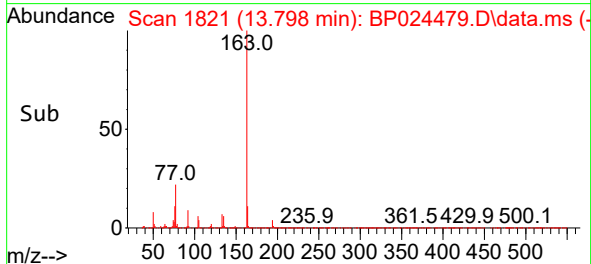
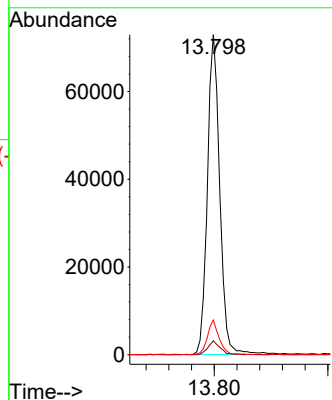
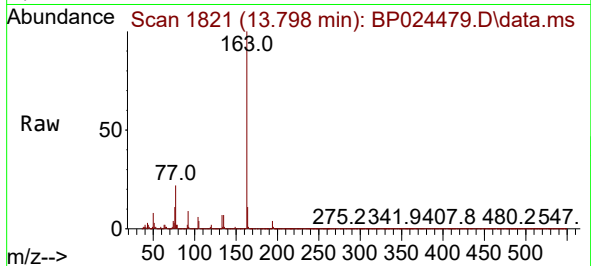




#50
Dimethylphthalate
Concen: 4.828 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP024479.D
Acq: 30 Apr 2025 18:50

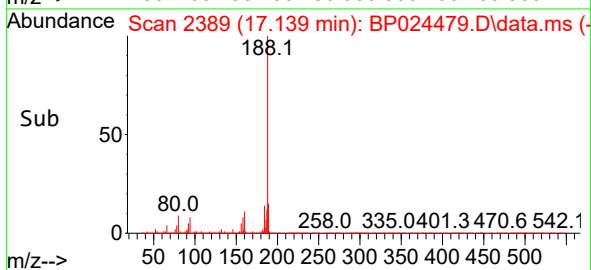
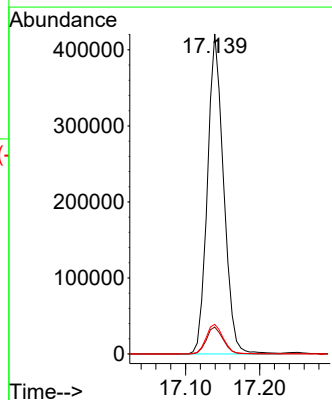
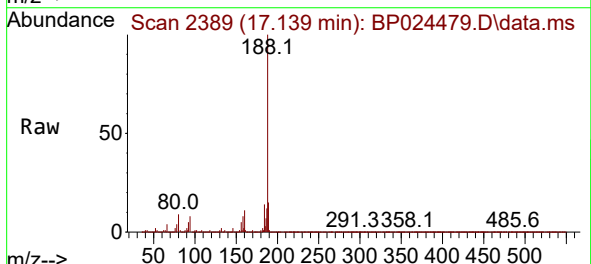
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WC-2

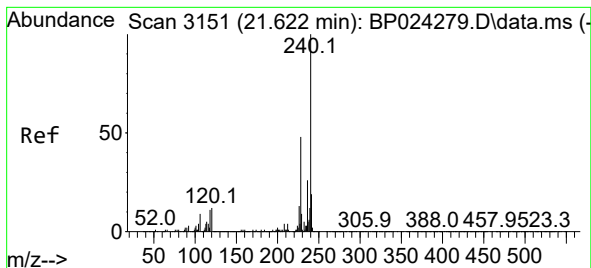
Tgt Ion:163 Resp: 109743
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.9 8.0 12.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024479.D
Acq: 30 Apr 2025 18:50

Tgt Ion:188 Resp: 637680
Ion Ratio Lower Upper
188 100
94 8.4 8.6 13.0#
80 9.2 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: BP024479.D

Acq: 30 Apr 2025 18:50

Instrument :

BNA_P

ClientSampleId :

WC-2

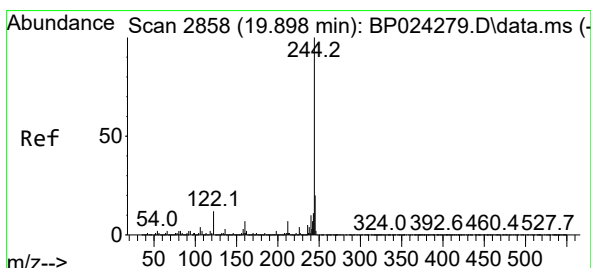
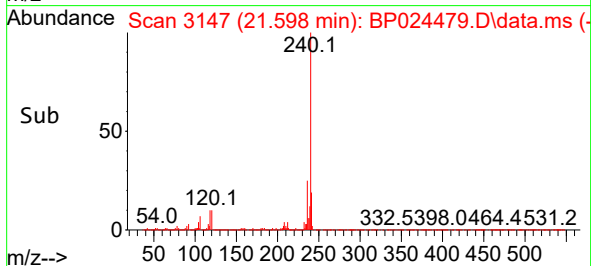
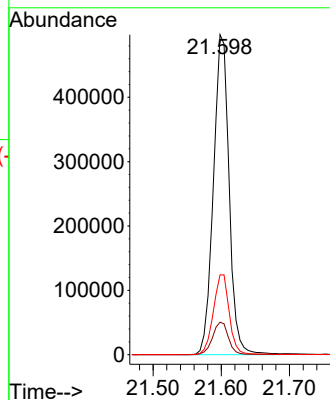
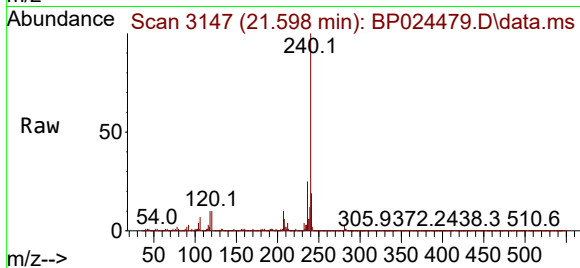
Tgt Ion:240 Resp: 798028

Ion Ratio Lower Upper

240 100

120 10.2 9.8 14.8

236 25.0 20.9 31.3



#79

Terphenyl-d14

Concen: 89.818 ng

RT: 19.875 min Scan# 2854

Delta R.T. 0.000 min

Lab File: BP024479.D

Acq: 30 Apr 2025 18:50

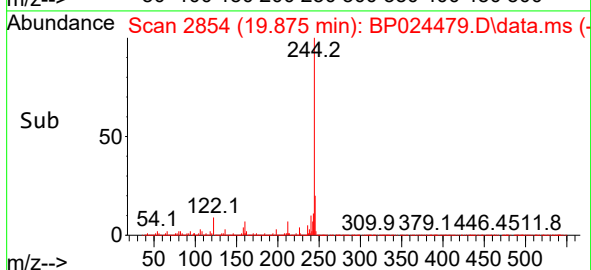
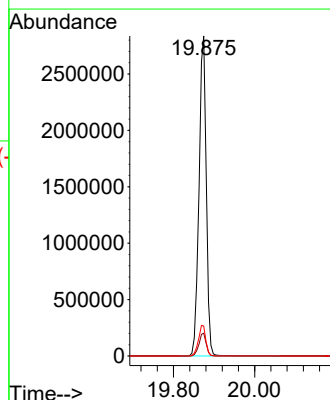
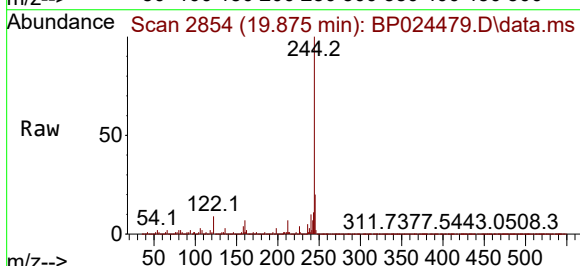
Tgt Ion:244 Resp: 3556078

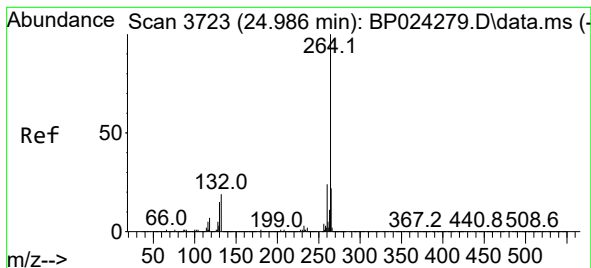
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.3 9.4 14.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024479.D

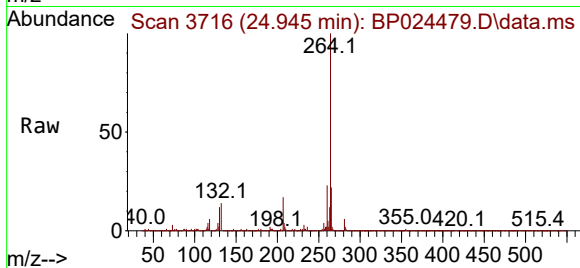
Acq: 30 Apr 2025 18:50

Instrument :

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ClientSampleId :

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Tgt Ion:264 Resp: 927368

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 22.0 17.8 26.6

