

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
 Data File : BP024478.D
 Acq On : 30 Apr 2025 18:09
 Operator : RC/JU
 Sample : Q1900-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-1

Quant Time: Apr 30 18:38:28 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)

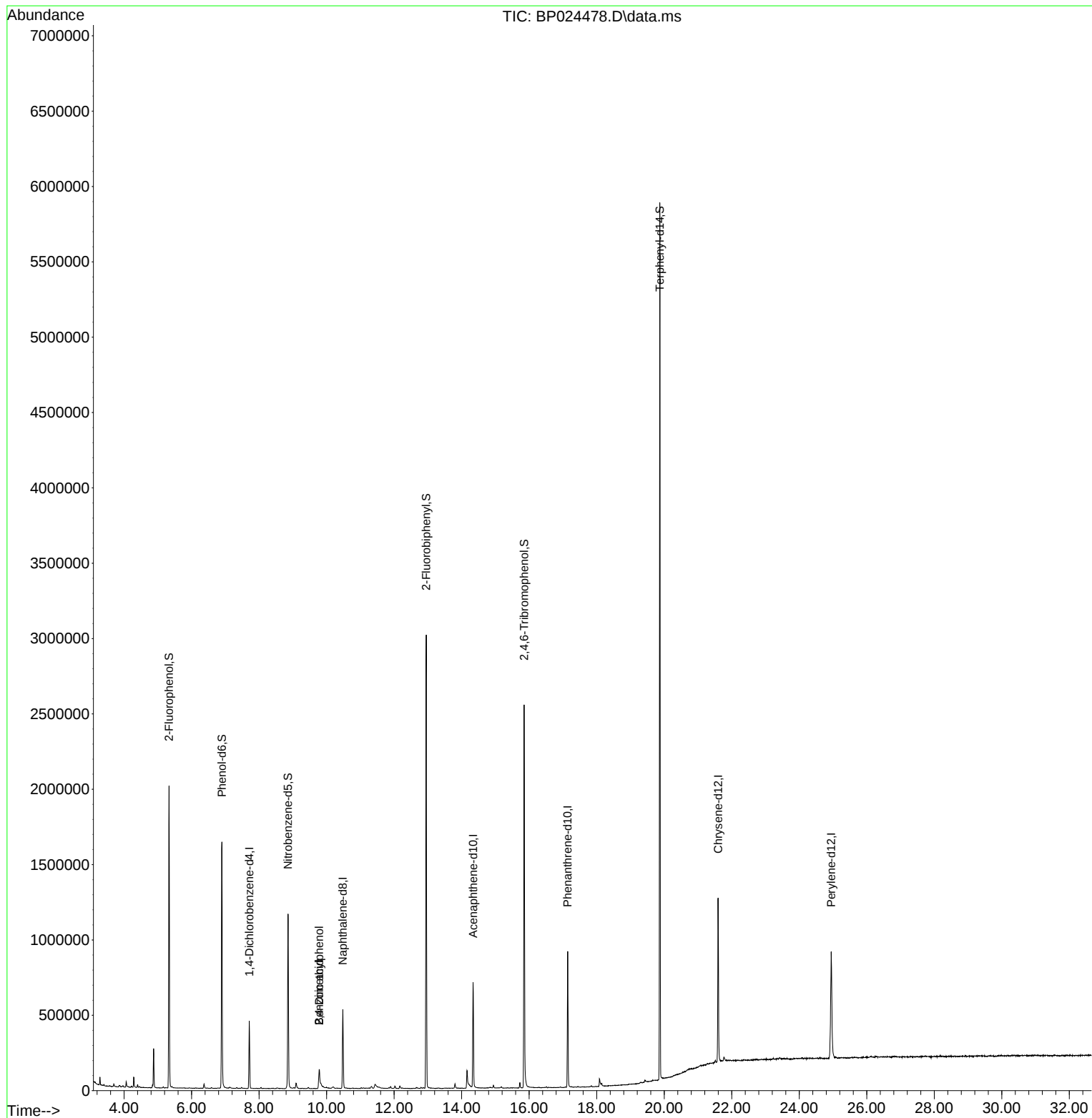
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	118919	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	452975	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	271299	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	533253	20.000	ng	# 0.00
76) Chrysene-d12	21.598	240	623219	20.000	ng	# 0.00
86) Perylene-d12	24.945	264	720102	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	846374	117.680	ng	-0.01
7) Phenol-d6	6.898	99	955633	97.038	ng	-0.01
23) Nitrobenzene-d5	8.857	82	691533	87.051	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	547279	145.802	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	1478420	83.437	ng	-0.01
79) Terphenyl-d14	19.868	244	2707579	87.570	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.781	122	82500	17.085	ng	# 3
32) Benzoic acid	9.781	122	82500	14.662	ng	98

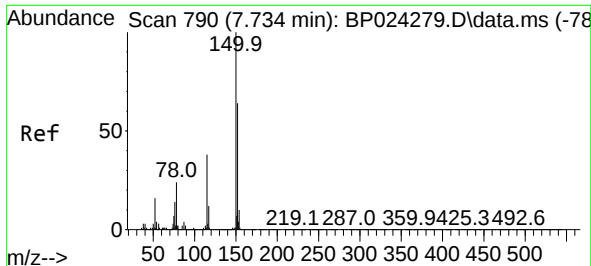
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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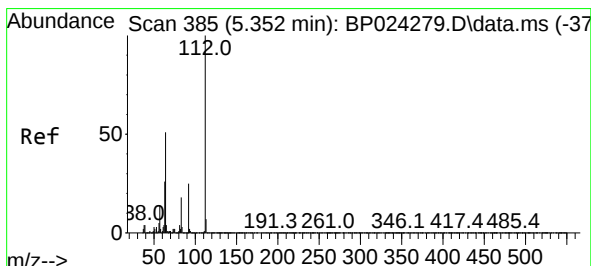
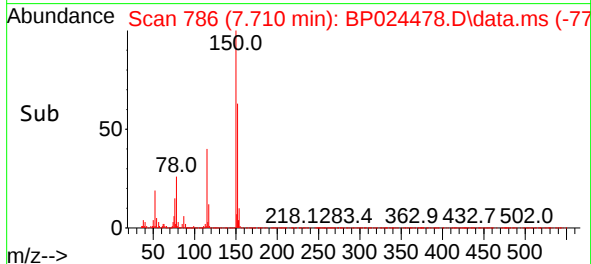
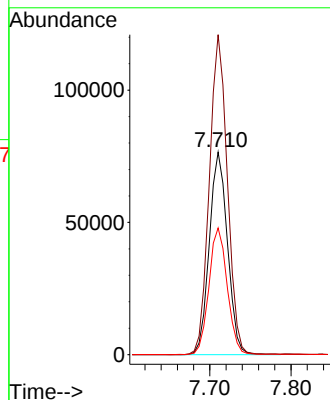
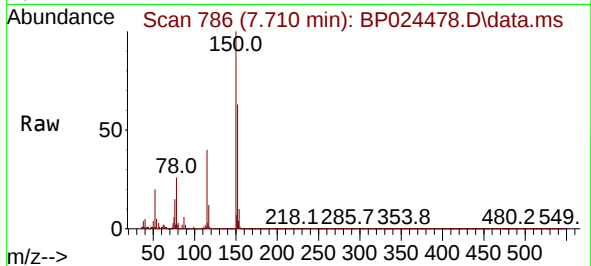




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024478.D
Acq: 30 Apr 2025 18:09

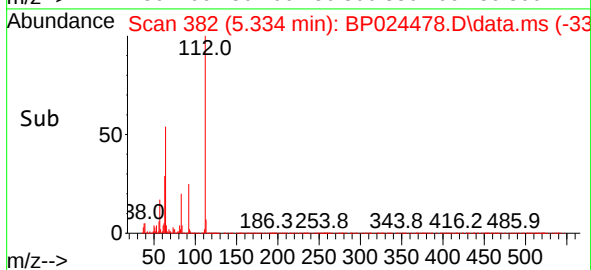
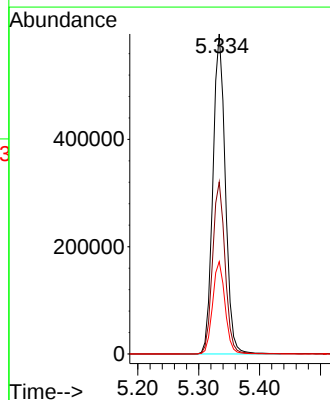
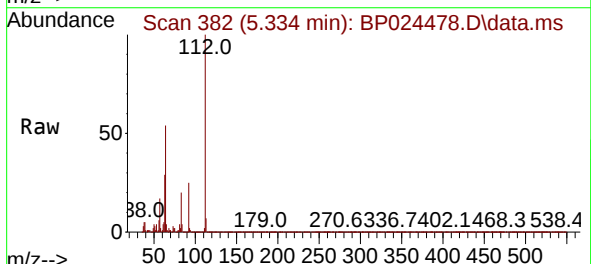
Instrument :
BNA_P
ClientSampleId :
WC-1

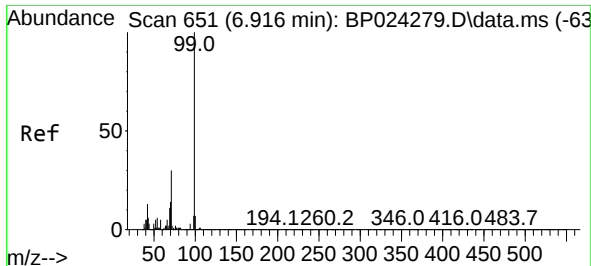
Tgt Ion:152 Resp: 118919
Ion Ratio Lower Upper
152 100
150 158.0 124.9 187.3
115 62.5 47.7 71.5



#5
2-Fluorophenol
Concen: 117.680 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024478.D
Acq: 30 Apr 2025 18:09

Tgt Ion:112 Resp: 846374
Ion Ratio Lower Upper
112 100
64 53.7 41.1 61.7
63 28.9 20.6 30.8

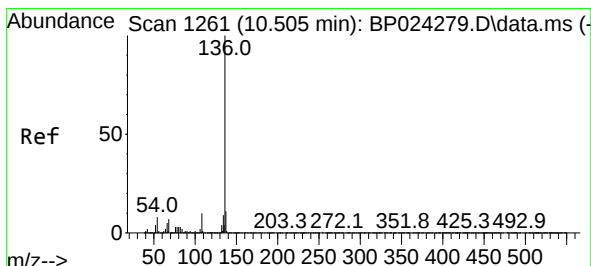
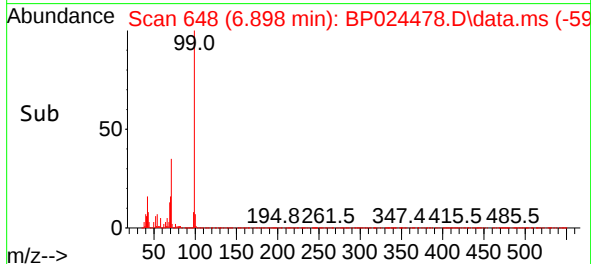
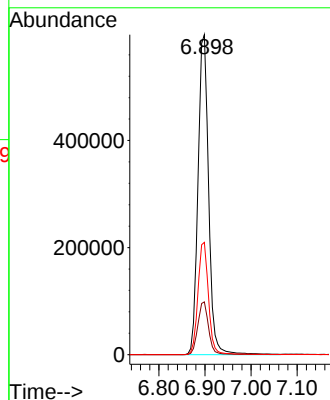
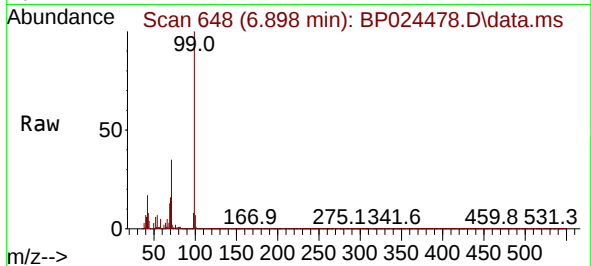




#7
Phenol-d6
Concen: 97.038 ng
RT: 6.898 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024478.D
Acq: 30 Apr 2025 18:09

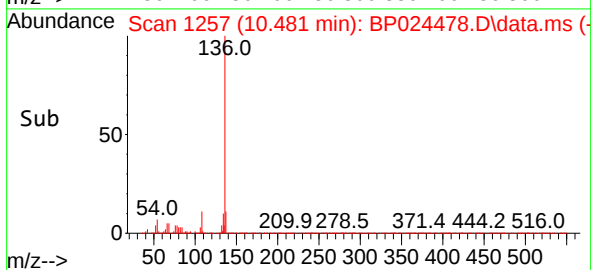
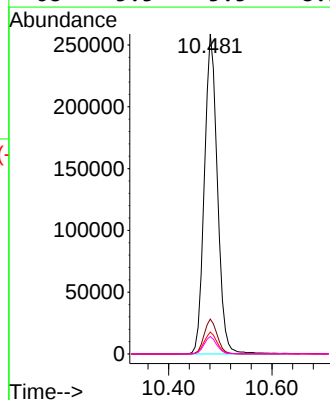
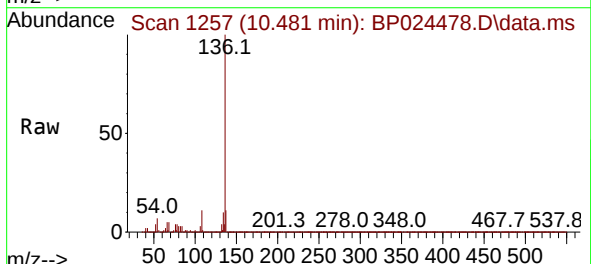
Instrument :
BNA_P
ClientSampleId :
WC-1

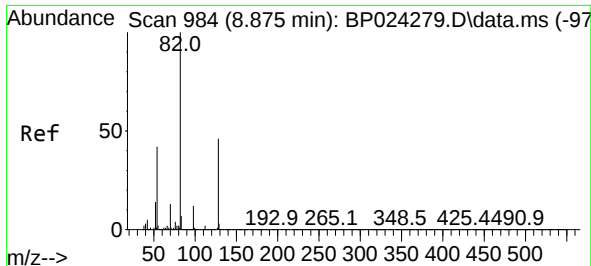
Tgt Ion: 99 Resp: 955633
Ion Ratio Lower Upper
99 100
42 16.5 10.6 16.0#
71 35.1 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024478.D
Acq: 30 Apr 2025 18:09

Tgt Ion:136 Resp: 452975
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.8 6.0 9.0
68 5.5 5.5 8.3#

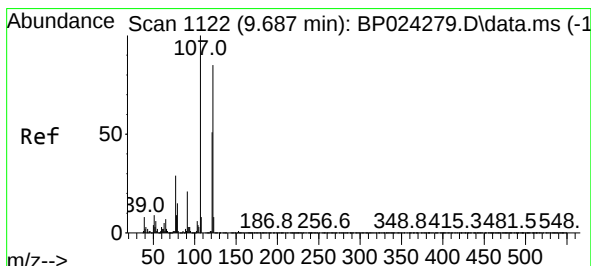
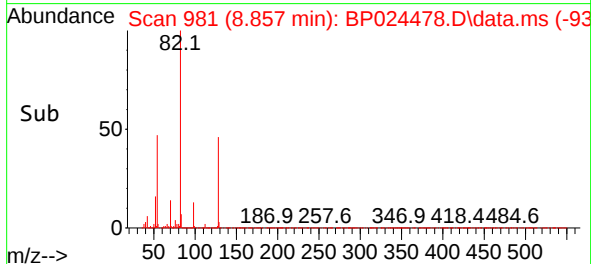
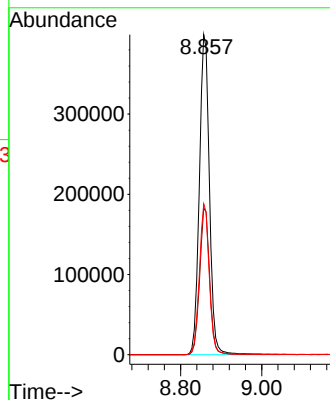
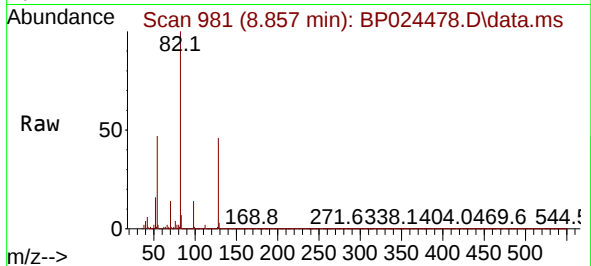




#23
Nitrobenzene-d5
Concen: 87.051 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024478.D
Acq: 30 Apr 2025 18:09

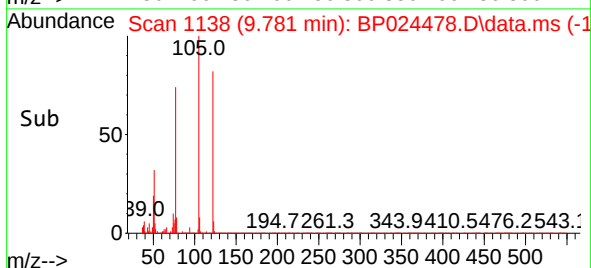
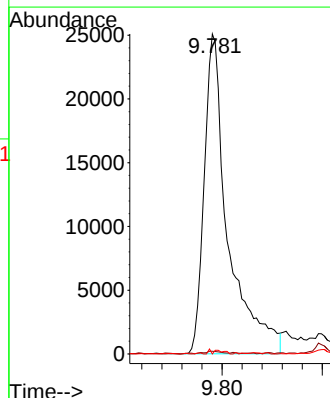
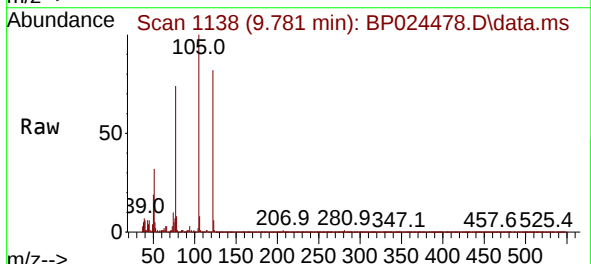
Instrument :
BNA_P
ClientSampleId :
WC-1

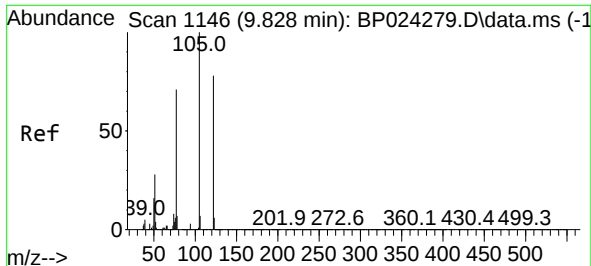
Tgt Ion: 82 Resp: 691533
Ion Ratio Lower Upper
82 100
128 45.8 36.5 54.7
54 47.1 33.4 50.2



#27
2,4-Dimethylphenol
Concen: 17.085 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.100 min
Lab File: BP024478.D
Acq: 30 Apr 2025 18:09

Tgt Ion: 122 Resp: 82500
Ion Ratio Lower Upper
122 100
107 0.8 93.7 140.5#
121 0.0 48.2 72.2#

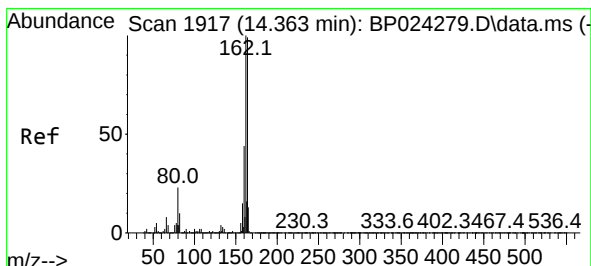
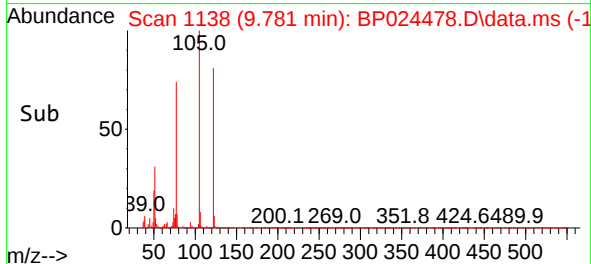
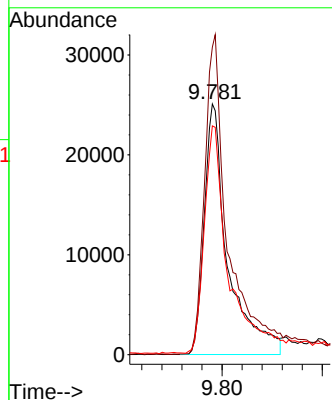
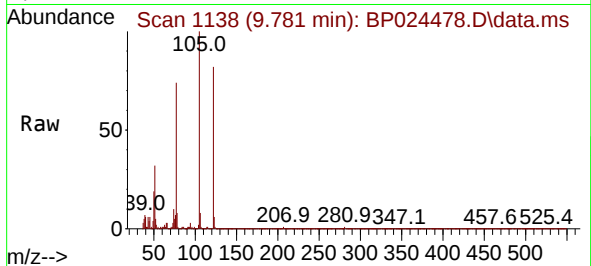




#32
Benzoic acid
Concen: 14.662 ng
RT: 9.781 min Scan# 1146
Delta R.T. -0.041 min
Lab File: BP024478.D
Acq: 30 Apr 2025 18:09

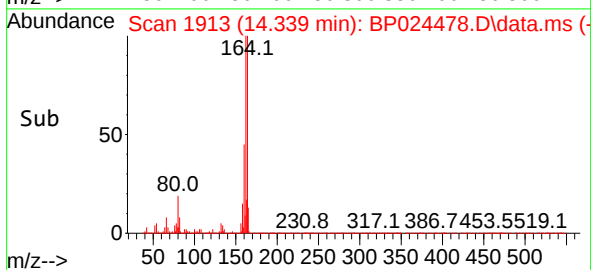
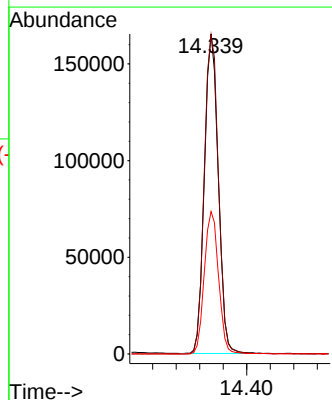
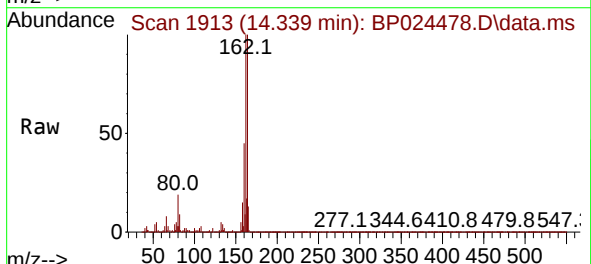
Instrument :
BNA_P
ClientSampleId :
WC-1

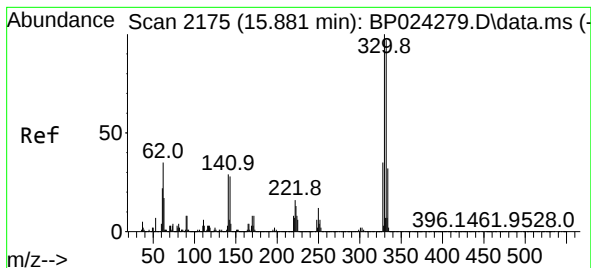
Tgt Ion:122 Resp: 82500
Ion Ratio Lower Upper
122 100
105 122.6 104.8 144.8
77 91.2 69.2 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024478.D
Acq: 30 Apr 2025 18:09

Tgt Ion:164 Resp: 271299
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 44.5 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 145.802 ng

RT: 15.851 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024478.D

Acq: 30 Apr 2025 18:09

Instrument :

BNA_P

ClientSampleId :

WC-1

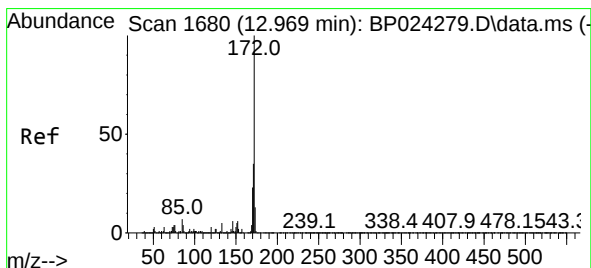
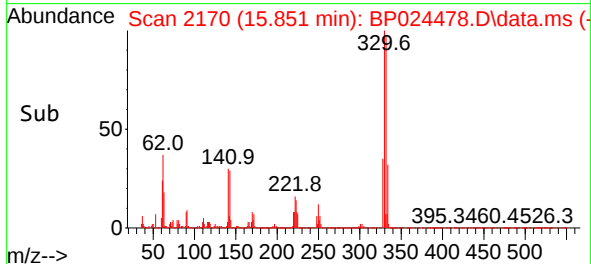
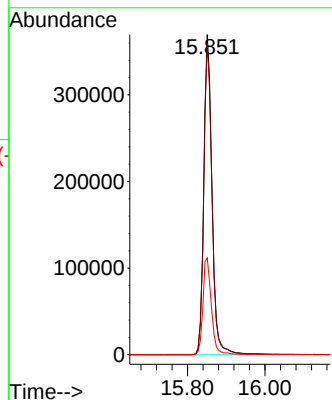
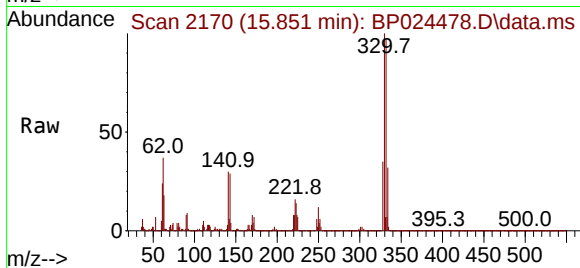
Tgt Ion:330 Resp: 547279

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 31.0 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 83.437 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024478.D

Acq: 30 Apr 2025 18:09

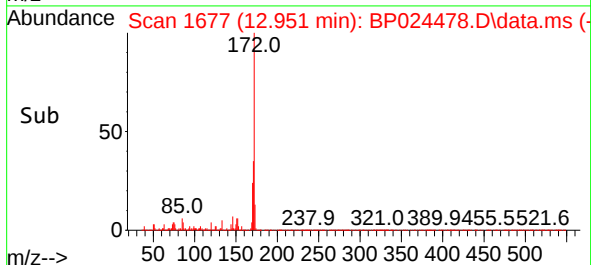
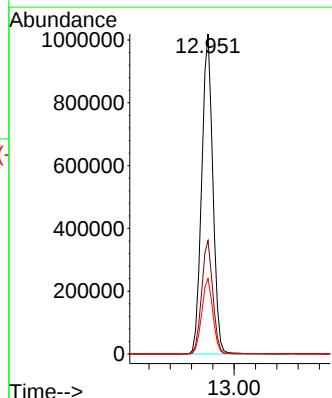
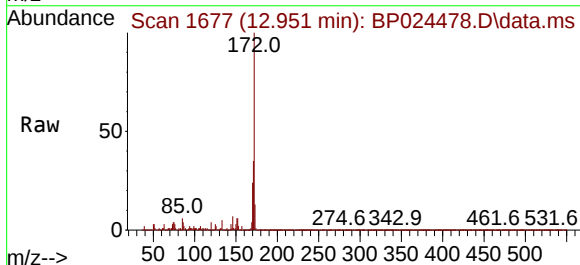
Tgt Ion:172 Resp: 1478420

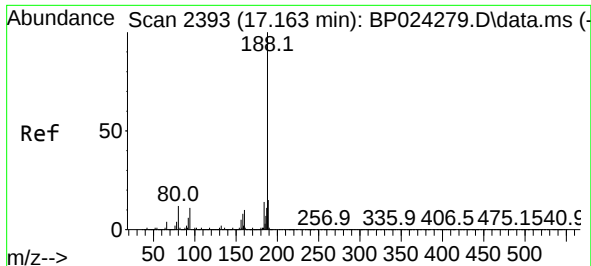
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.5 18.6 27.8

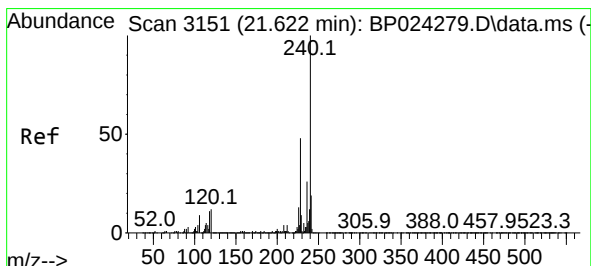
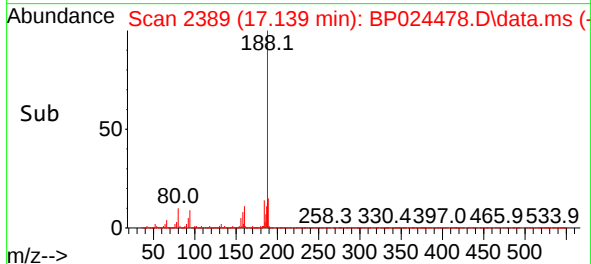
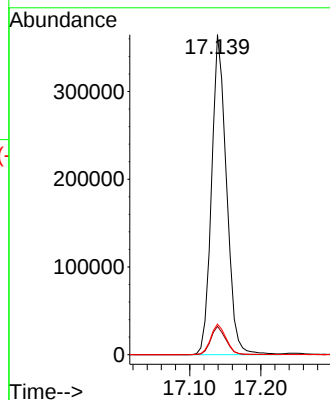
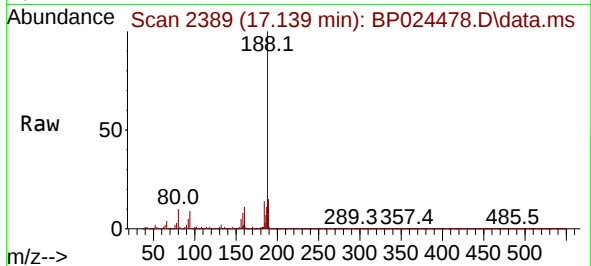




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024478.D
Acq: 30 Apr 2025 18:09

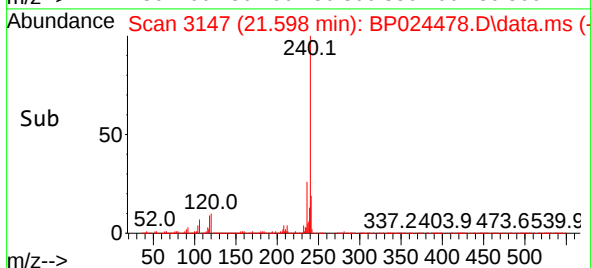
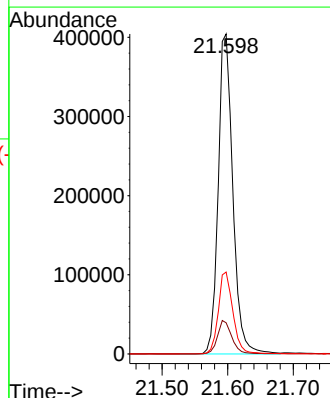
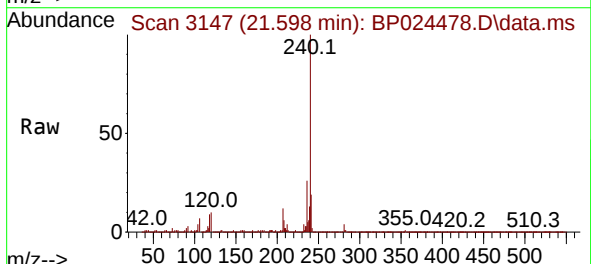
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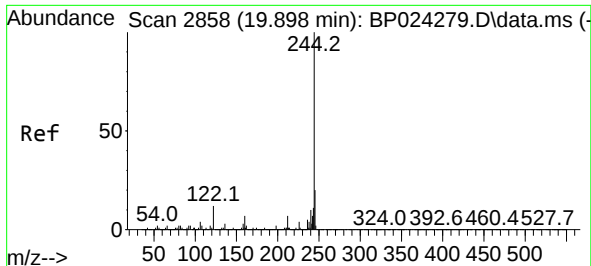
Tgt Ion:188 Resp: 533253
Ion Ratio Lower Upper
188 100
94 8.9 8.6 13.0
80 9.6 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024478.D
Acq: 30 Apr 2025 18:09

Tgt Ion:240 Resp: 623219
Ion Ratio Lower Upper
240 100
120 9.7 9.8 14.8#
236 25.6 20.9 31.3

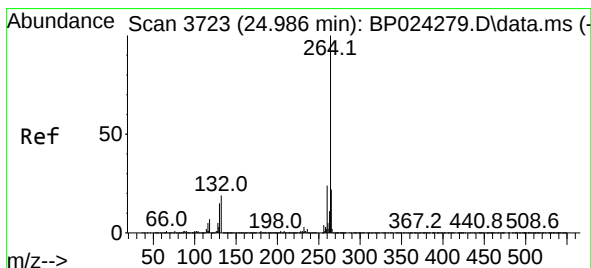
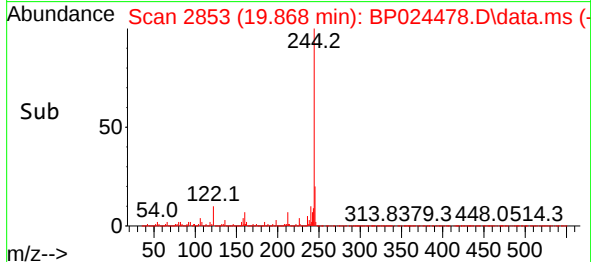
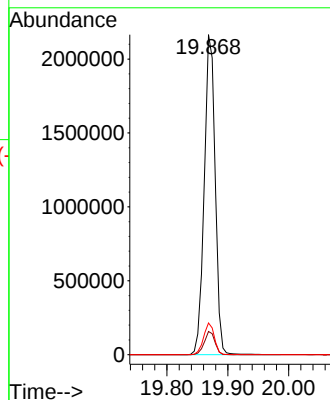
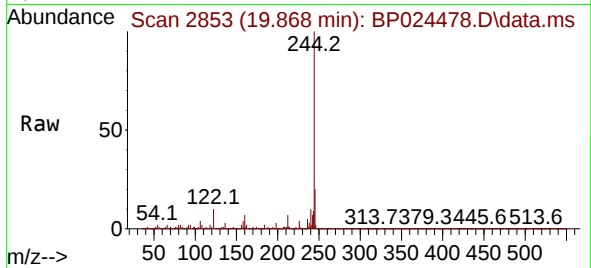




#79
 Terphenyl-d14
 Concen: 87.570 ng
 RT: 19.868 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024478.D
 Acq: 30 Apr 2025 18:09

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 2707579
 Ion Ratio Lower Upper
 244 100
 212 7.2 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. 0.011 min
 Lab File: BP024478.D
 Acq: 30 Apr 2025 18:09

Tgt Ion:264 Resp: 720102
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 22.3 17.8 26.6

