

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
 Data File : BP024493.D
 Acq On : 01 May 2025 15:32
 Operator : RC/JU
 Sample : Q1906-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-6

Quant Time: May 01 16:00:34 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)

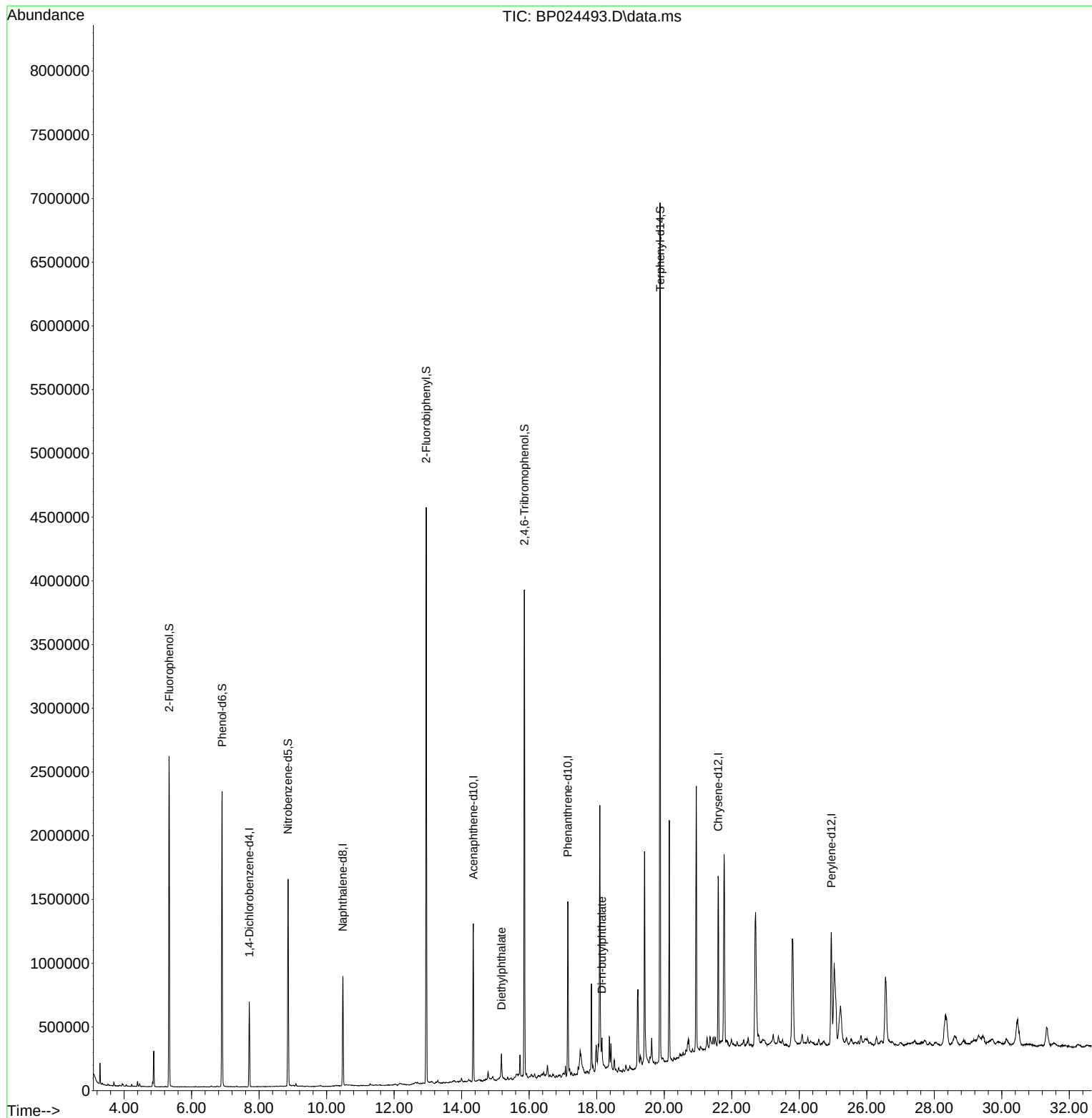
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	182874	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	710699	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	442676	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	867690	20.000	ng	0.00
76) Chrysene-d12	21.598	240	765928	20.000	ng	0.00
86) Perylene-d12	24.951	264	912899	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1120356	101.297	ng	-0.01
7) Phenol-d6	6.905	99	1295632	85.552	ng	0.00
23) Nitrobenzene-d5	8.857	82	955536	76.665	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	870643	142.154	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2189678	75.736	ng	-0.01
79) Terphenyl-d14	19.880	244	3530856	92.919	ng	0.00
Target Compounds						Qvalue
60) Diethylphthalate	15.181	149	160311	4.832	ng	98
74) Di-n-butylphthalate	18.157	149	148279	2.670	ng	99

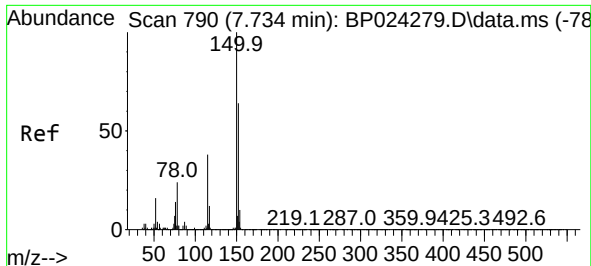
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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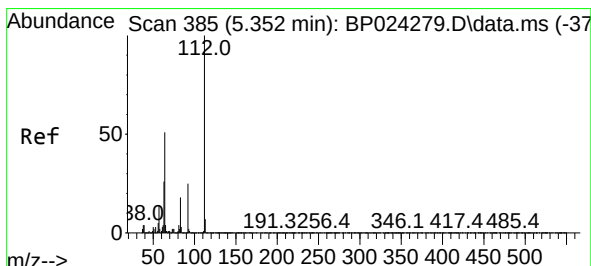
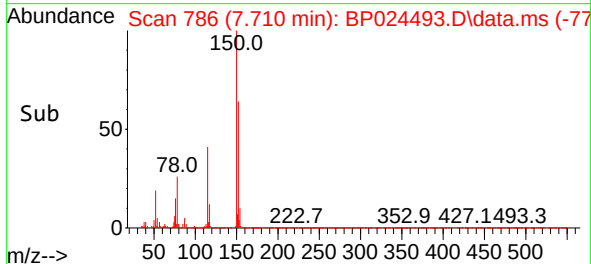
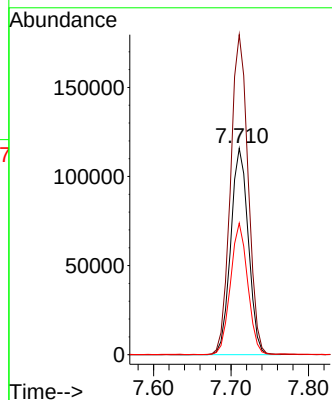
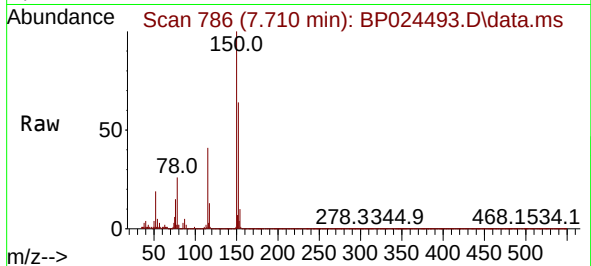




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024493.D
Acq: 01 May 2025 15:32

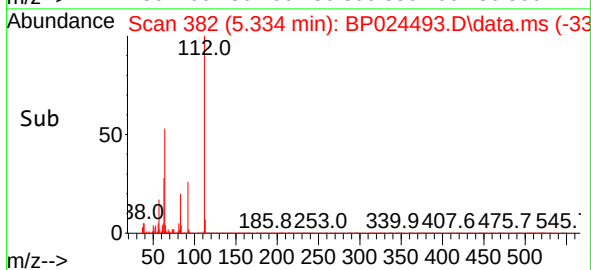
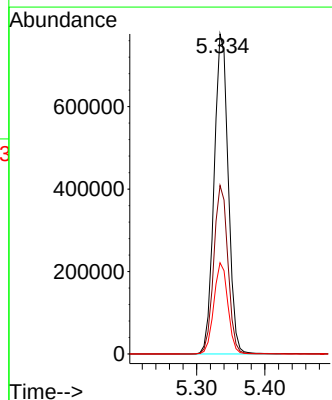
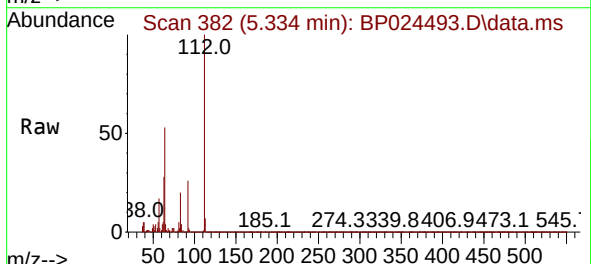
Instrument :
BNA_P
ClientSampleId :
WC-6

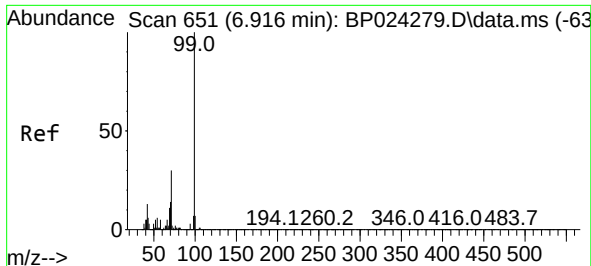
Tgt Ion:152 Resp: 182874
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 63.7 47.7 71.5



#5
2-Fluorophenol
Concen: 101.297 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024493.D
Acq: 01 May 2025 15:32

Tgt Ion:112 Resp: 1120356
Ion Ratio Lower Upper
112 100
64 52.7 41.1 61.7
63 28.5 20.6 30.8





#7

Phenol-d6

Concen: 85.552 ng

RT: 6.905 min Scan# 64

Delta R.T. -0.006 min

Lab File: BP024493.D

Acq: 01 May 2025 15:32

Instrument :

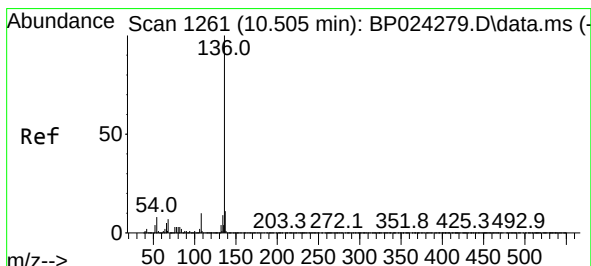
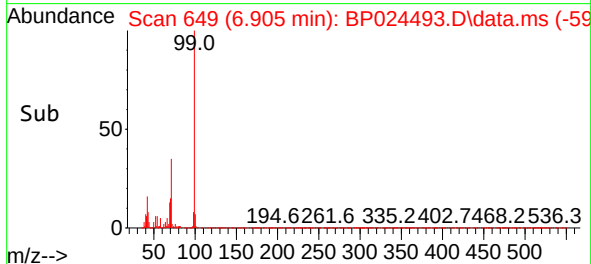
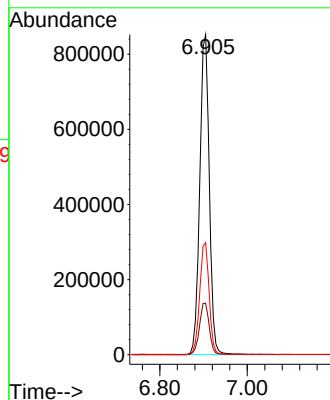
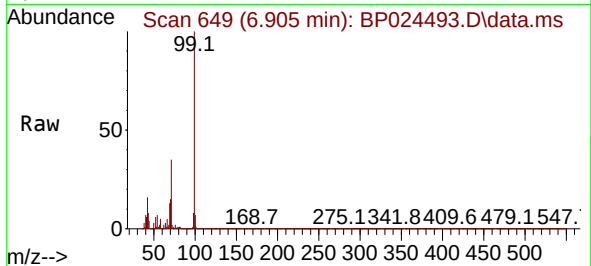
BNA_P

ClientSampleId :

WC-6

Tgt Ion: 99 Resp: 1295632

Ion	Ratio	Lower	Upper
99	100		
42	16.0	10.6	16.0#
71	35.0	23.7	35.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.481 min Scan# 1257

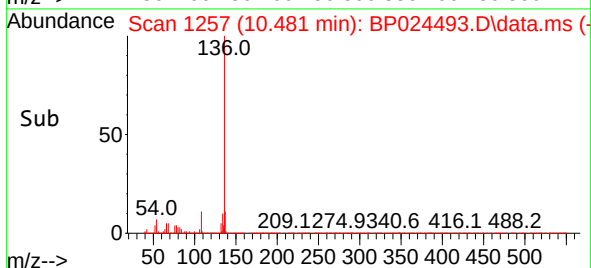
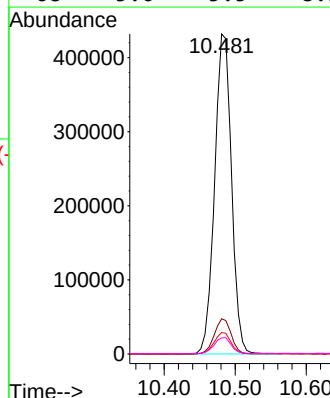
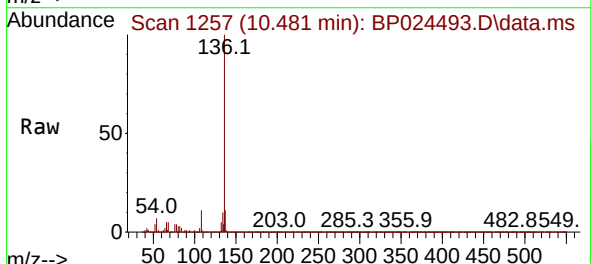
Delta R.T. -0.018 min

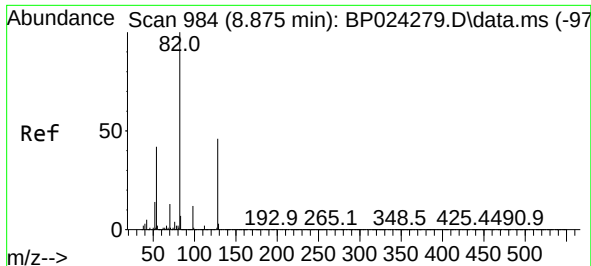
Lab File: BP024493.D

Acq: 01 May 2025 15:32

Tgt Ion:136 Resp: 710699

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.7	6.0	9.0
68	5.0	5.5	8.3#

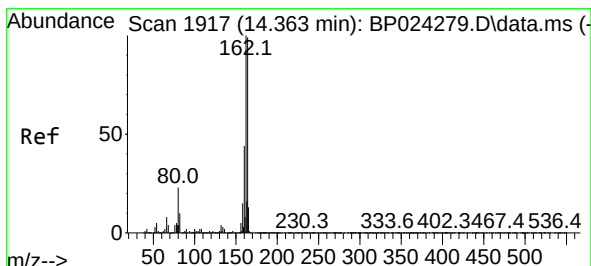
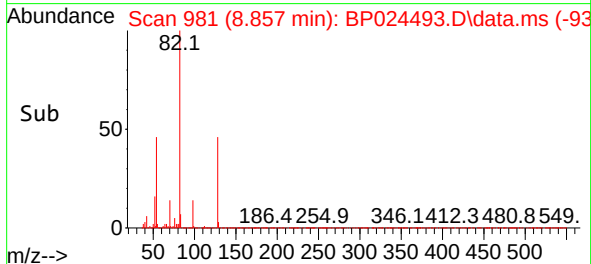
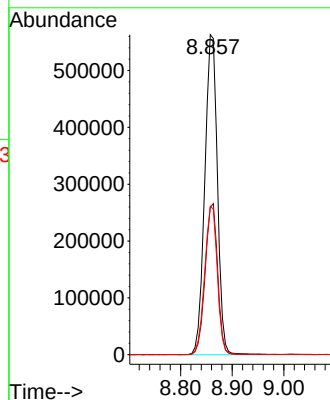
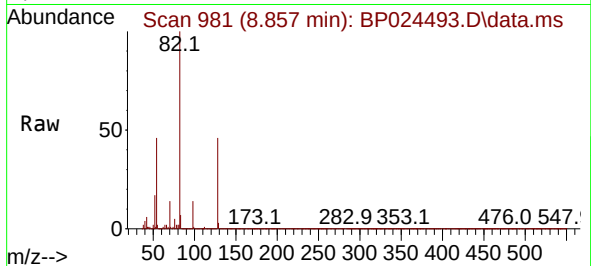




#23
Nitrobenzene-d5
Concen: 76.665 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024493.D
Acq: 01 May 2025 15:32

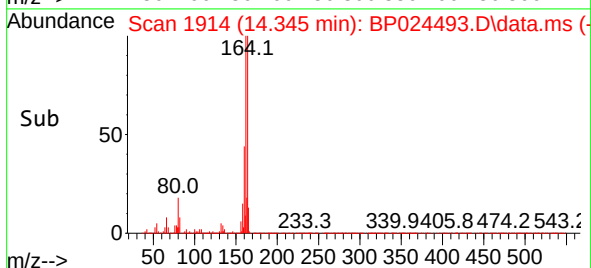
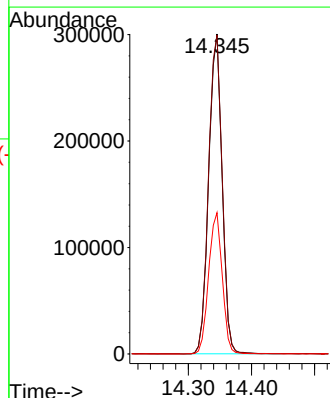
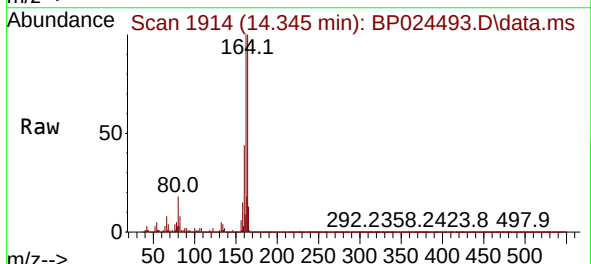
Instrument :
BNA_P
ClientSampleId :
WC-6

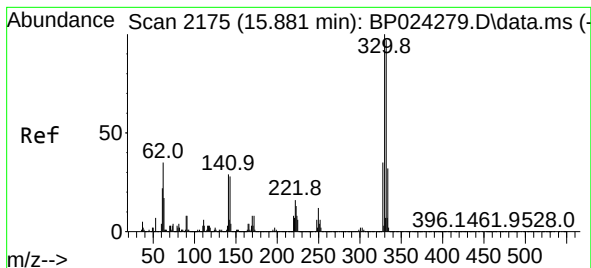
Tgt Ion: 82 Resp: 955536
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 46.4 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024493.D
Acq: 01 May 2025 15:32

Tgt Ion: 164 Resp: 442676
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 44.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 142.154 ng

RT: 15.857 min Scan# 2175

Delta R.T. -0.006 min

Lab File: BP024493.D

Acq: 01 May 2025 15:32

Instrument :

BNA_P

ClientSampleId :

WC-6

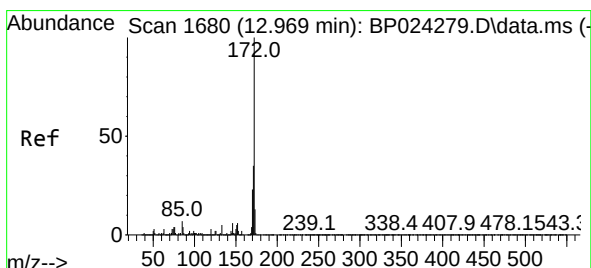
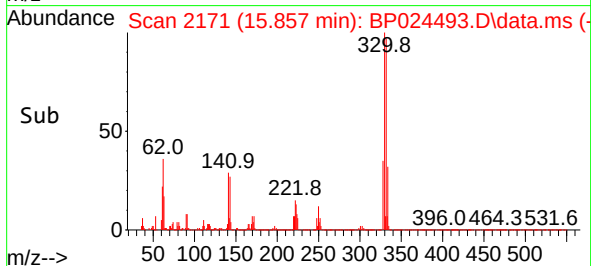
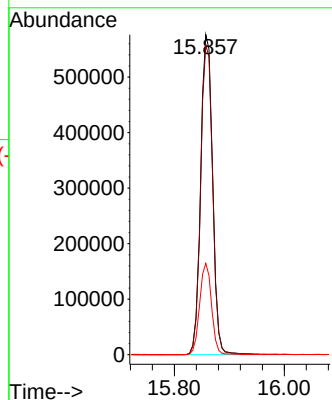
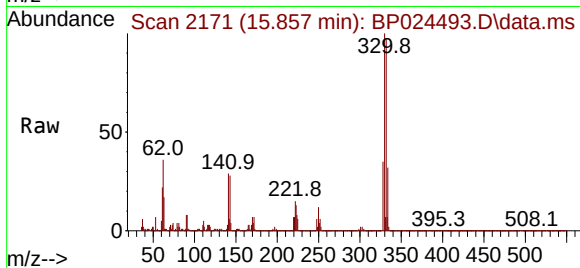
Tgt Ion:330 Resp: 870643

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 28.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 75.736 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024493.D

Acq: 01 May 2025 15:32

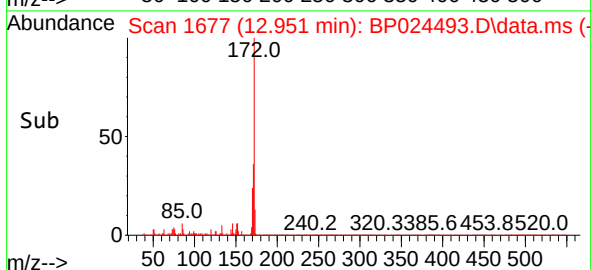
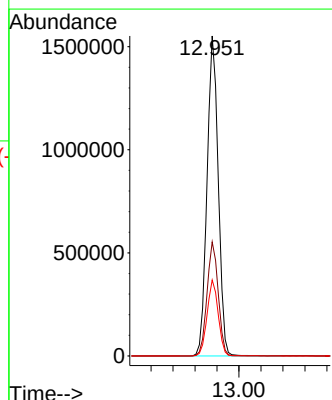
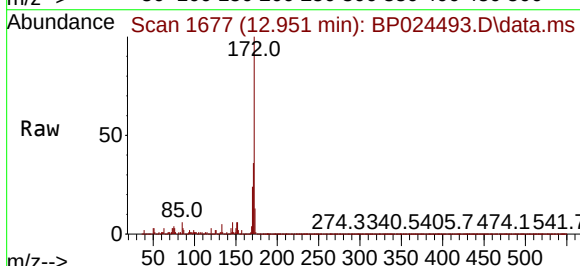
Tgt Ion:172 Resp: 2189678

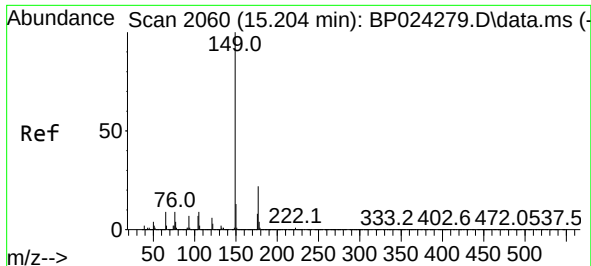
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.7 18.6 27.8

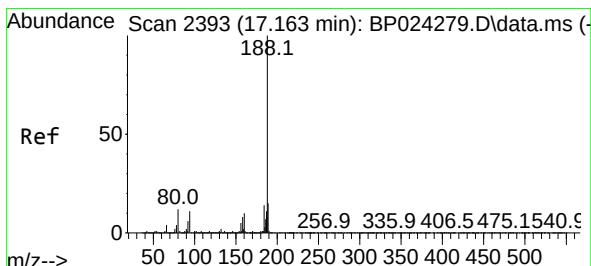
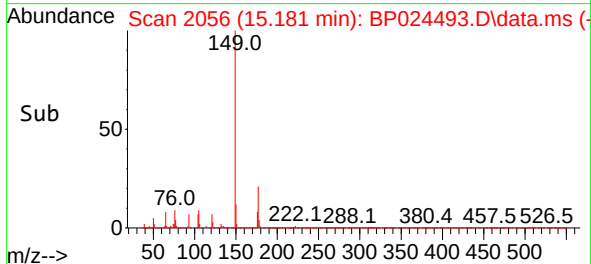
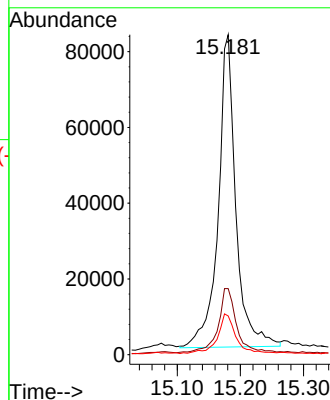
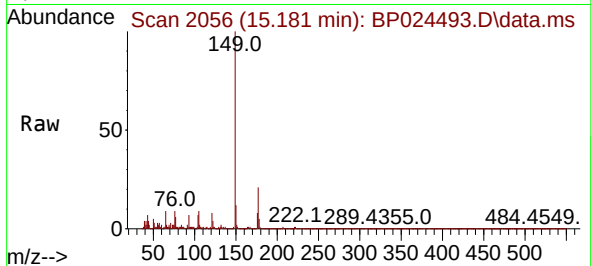




#60
Diethylphthalate
Concen: 4.832 ng
RT: 15.181 min Scan# 2060
Delta R.T. -0.012 min
Lab File: BP024493.D
Acq: 01 May 2025 15:32

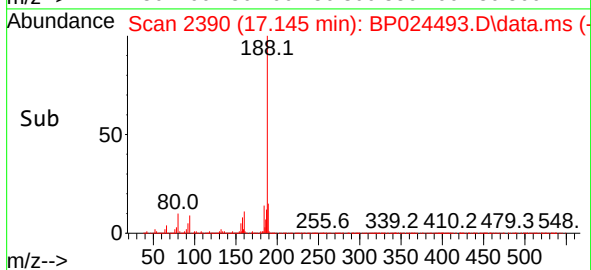
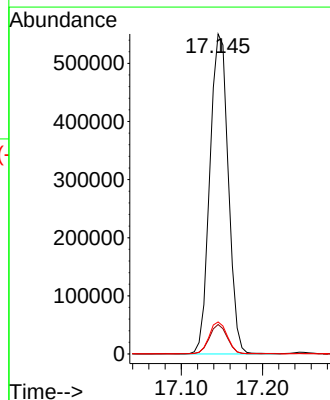
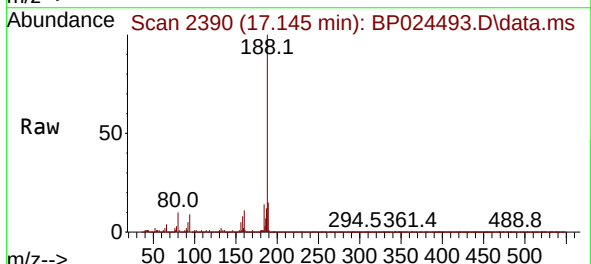
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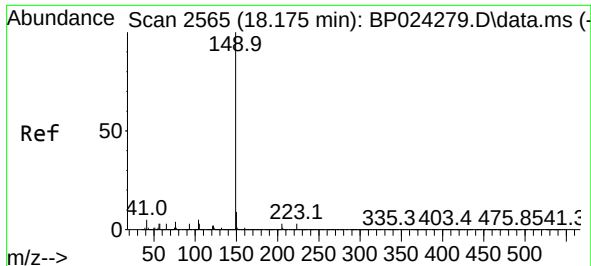
Tgt Ion:149 Resp: 160311
Ion Ratio Lower Upper
149 100
177 20.7 17.4 26.2
150 12.1 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024493.D
Acq: 01 May 2025 15:32

Tgt Ion:188 Resp: 867690
Ion Ratio Lower Upper
188 100
94 9.2 8.6 13.0
80 10.0 9.8 14.6

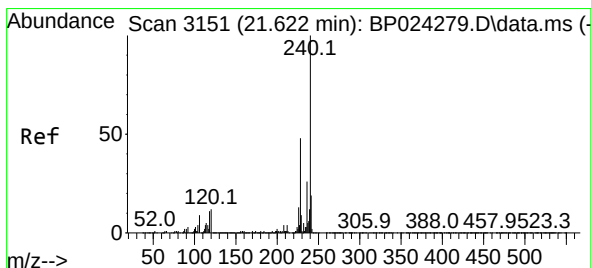
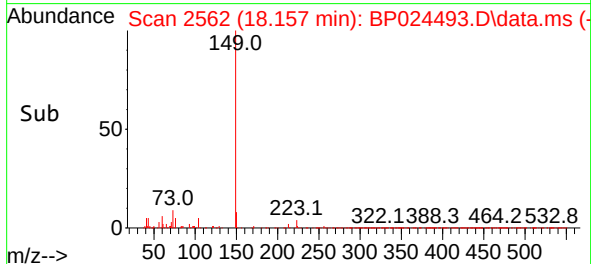
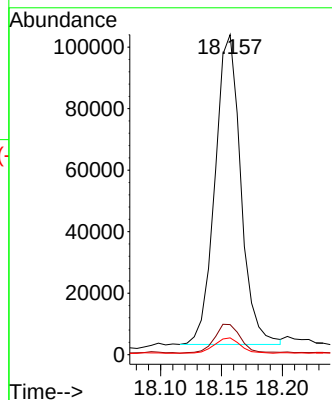
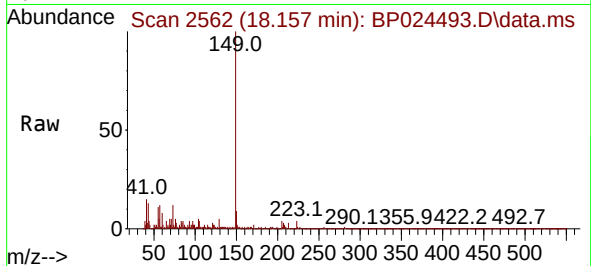




#74
Di-n-butylphthalate
Concen: 2.670 ng
RT: 18.157 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024493.D
Acq: 01 May 2025 15:32

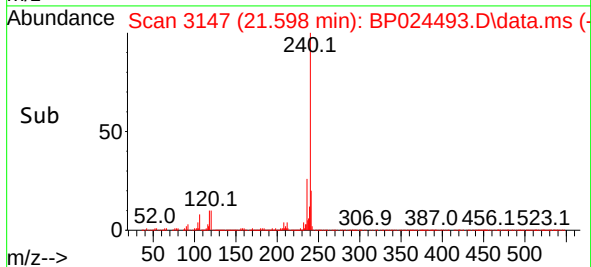
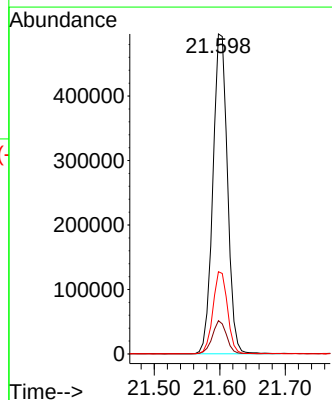
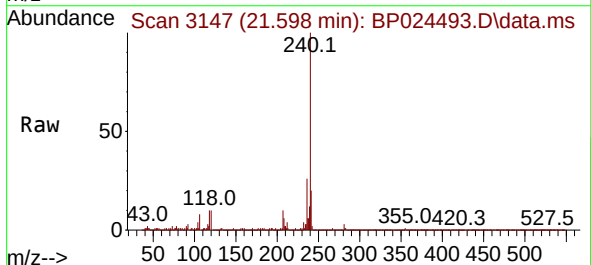
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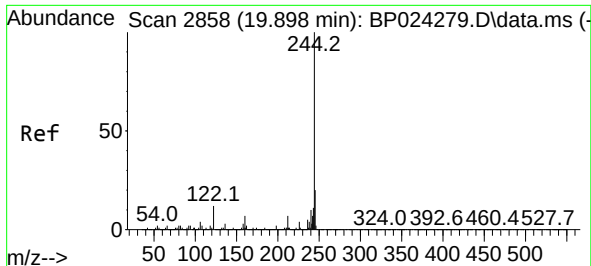
Tgt Ion:149 Resp: 148279
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 5.3 3.9 5.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024493.D
Acq: 01 May 2025 15:32

Tgt Ion:240 Resp: 765928
Ion Ratio Lower Upper
240 100
120 10.4 9.8 14.8
236 25.7 20.9 31.3

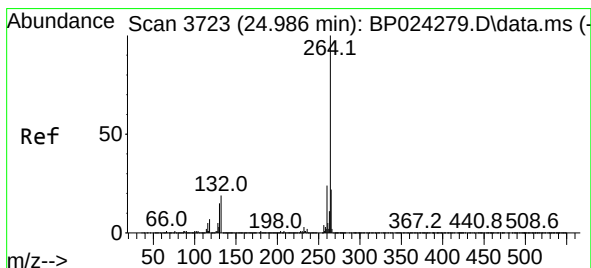
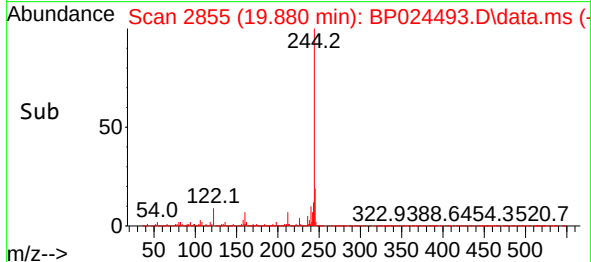
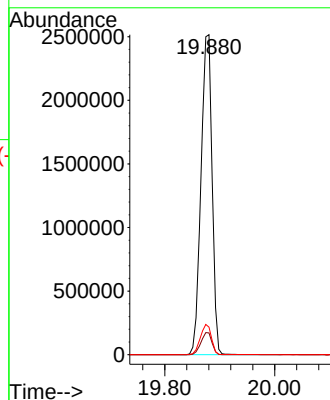
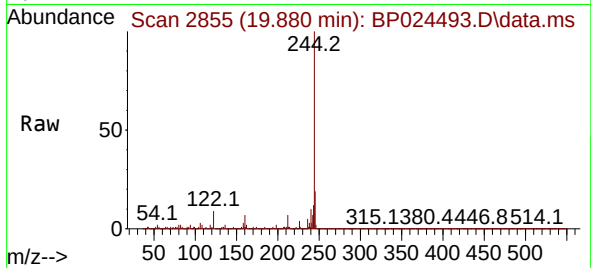




#79
 Terphenyl-d14
 Concen: 92.919 ng
 RT: 19.880 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024493.D
 Acq: 01 May 2025 15:32

Instrument :
 BNA_P
 ClientSampleId :
 WC-6

Tgt Ion:244 Resp: 3530856
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 8.6 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.951 min Scan# 3717
 Delta R.T. 0.018 min
 Lab File: BP024493.D
 Acq: 01 May 2025 15:32

Tgt Ion:264 Resp: 912899
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 22.0 17.8 26.6

