

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
 Data File : BP024497.D
 Acq On : 01 May 2025 18:15
 Operator : RC/JU
 Sample : Q1906-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-4

Quant Time: May 02 01:52:25 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	7.705	152	205810	20.000	ng	-0.02
21) Naphthalene-d8	10.481	136	791327	20.000	ng	#-0.02
39) Acenaphthene-d10	14.346	164	493292	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	991558	20.000	ng	# 0.01
76) Chrysene-d12	21.598	240	964443	20.000	ng	0.00
86) Perylene-d12	24.963	264	1092476	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1383589	111.156	ng	-0.01
7) Phenol-d6	6.899	99	1611299	94.539	ng	-0.01
23) Nitrobenzene-d5	8.858	82	1094572	78.872	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	1048725	153.660	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2545398	79.006	ng	0.00
79) Terphenyl-d14	19.892	244	4266601	89.170	ng	0.02

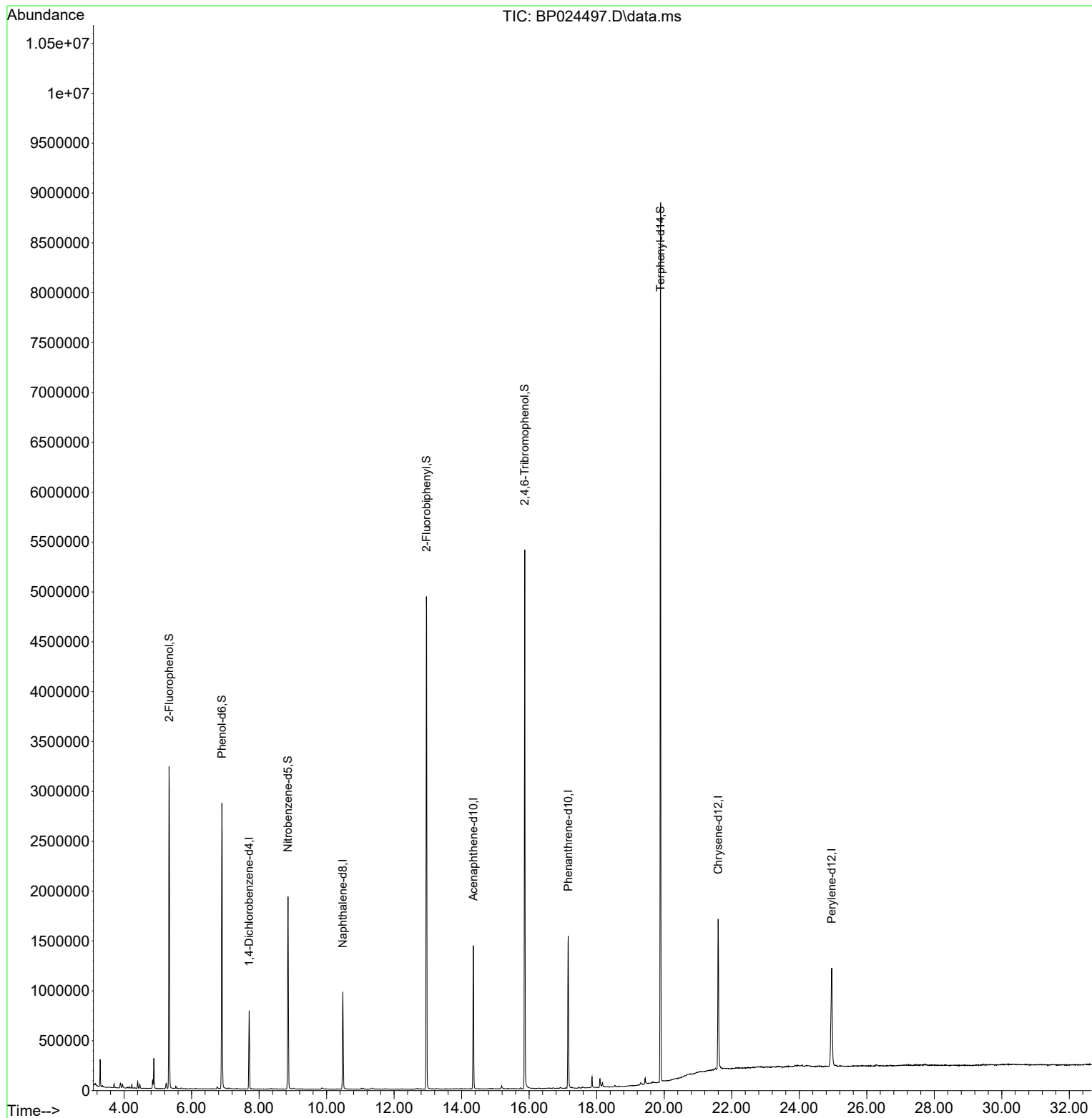
Target Compounds	Qvalue

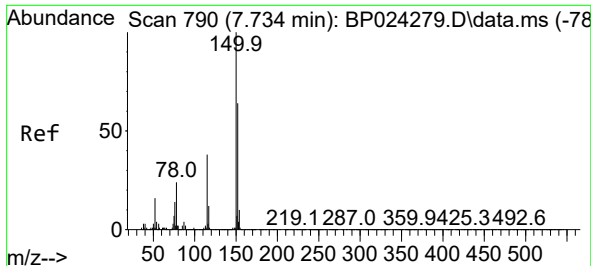
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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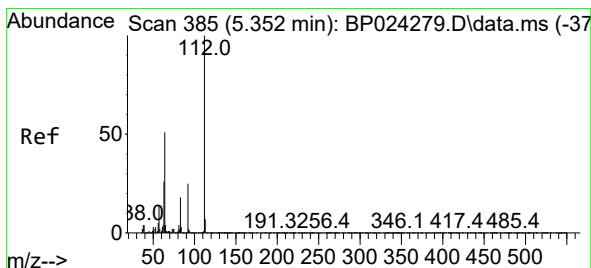
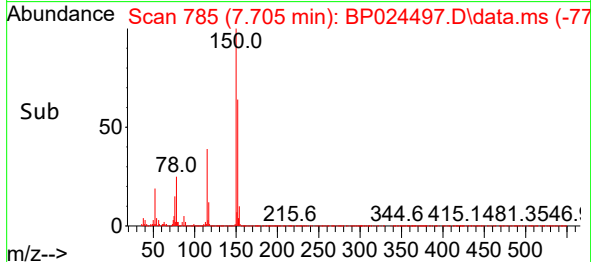
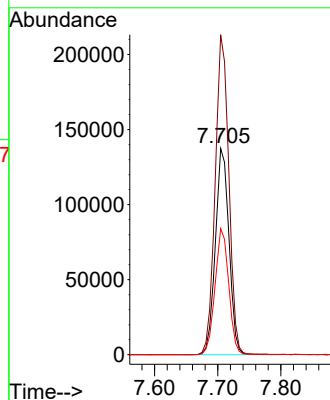
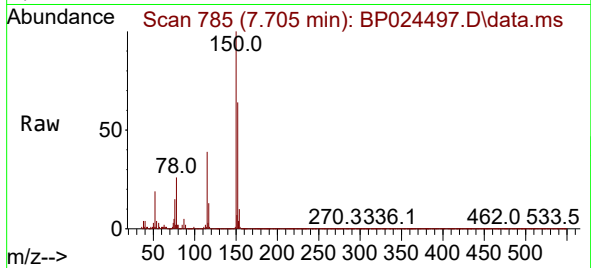




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024497.D
Acq: 01 May 2025 18:15

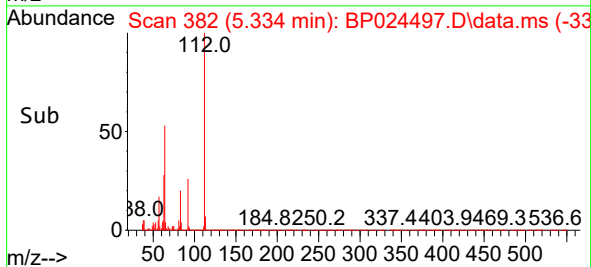
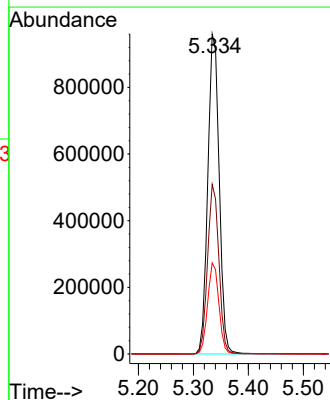
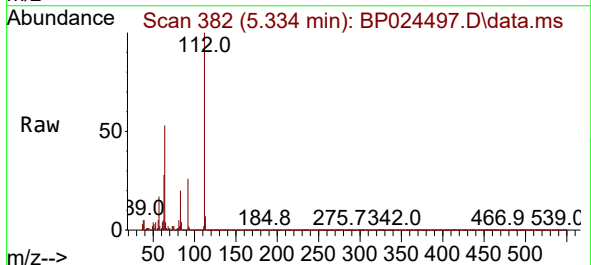
Instrument :
BNA_P
ClientSampleId :
WC-4

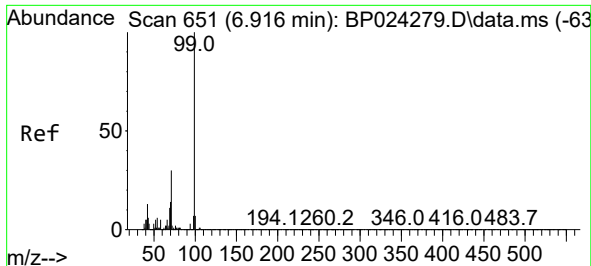
Tgt Ion:152 Resp: 205810
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 61.1 47.7 71.5



#5
2-Fluorophenol
Concen: 111.156 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024497.D
Acq: 01 May 2025 18:15

Tgt Ion:112 Resp: 1383589
Ion Ratio Lower Upper
112 100
64 53.0 41.1 61.7
63 28.5 20.6 30.8

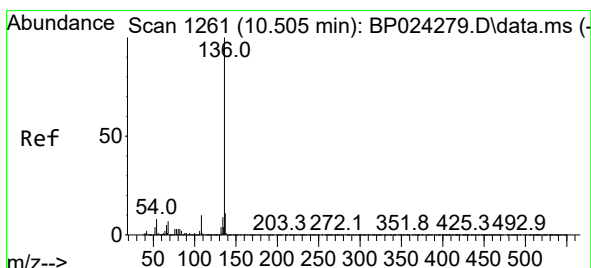
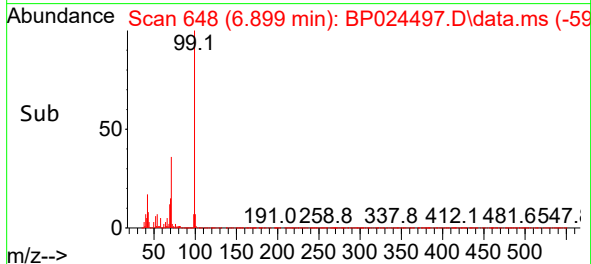
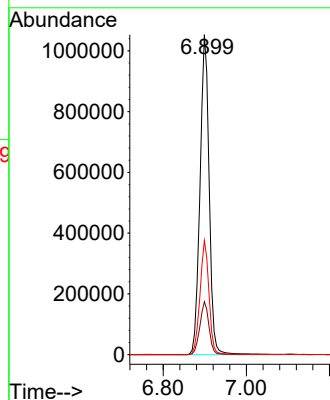
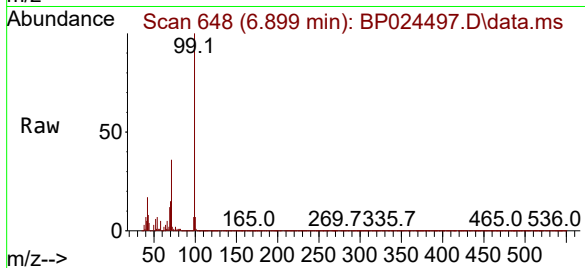




#7
Phenol-d6
Concen: 94.539 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024497.D
Acq: 01 May 2025 18:15

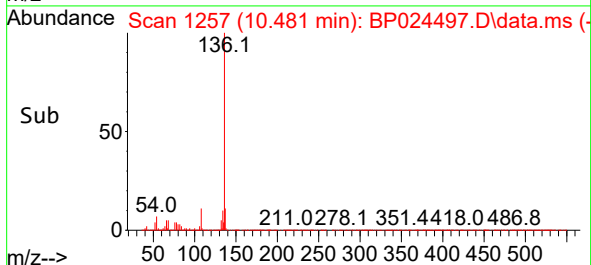
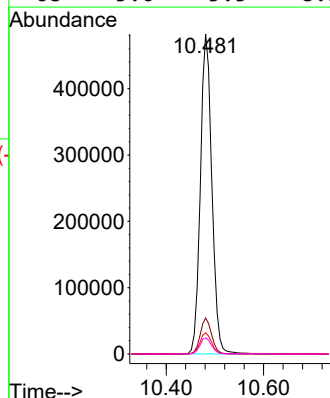
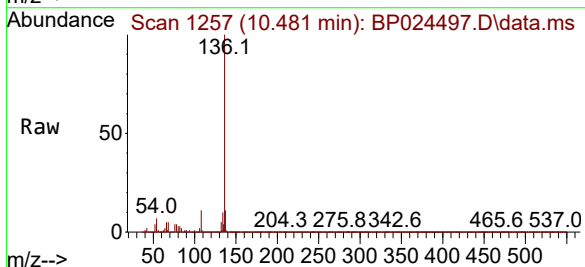
Instrument :
BNA_P
ClientSampleId :
WC-4

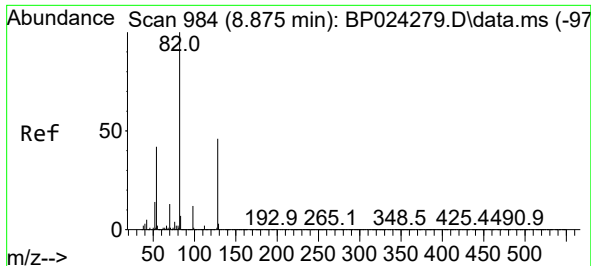
Tgt Ion: 99 Resp: 1611299
Ion Ratio Lower Upper
99 100
42 16.6 10.6 16.0#
71 35.7 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.017 min
Lab File: BP024497.D
Acq: 01 May 2025 18:15

Tgt Ion:136 Resp: 791327
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.6 6.0 9.0
68 5.0 5.5 8.3#

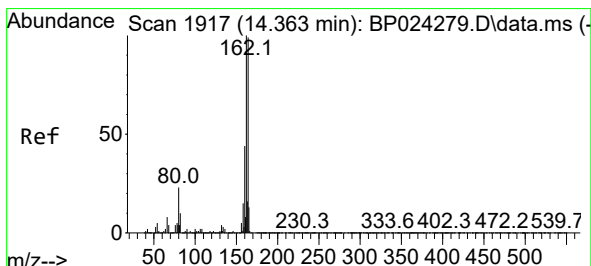
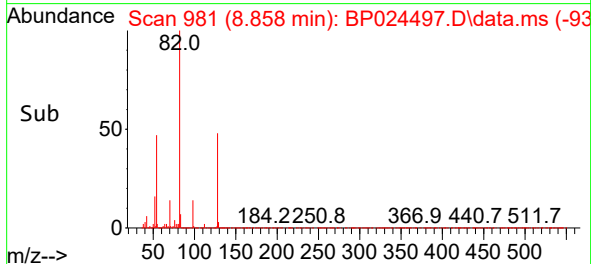
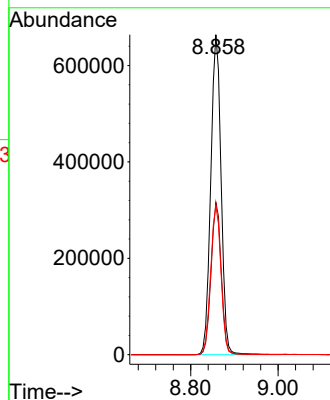
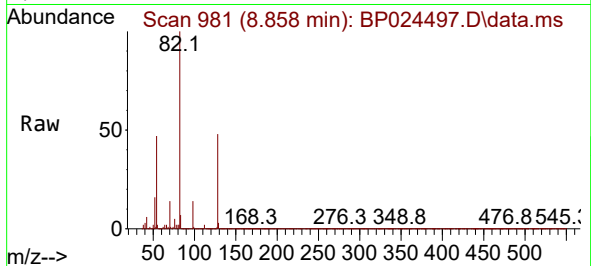




#23
Nitrobenzene-d5
Concen: 78.872 ng
RT: 8.858 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024497.D
Acq: 01 May 2025 18:15

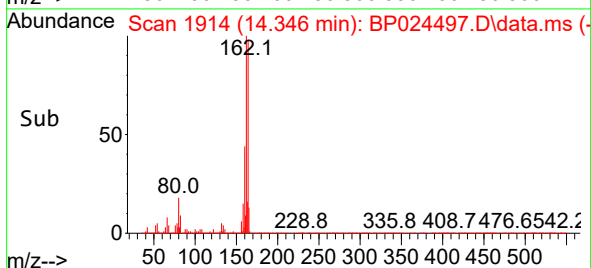
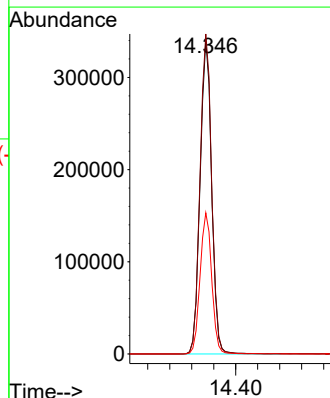
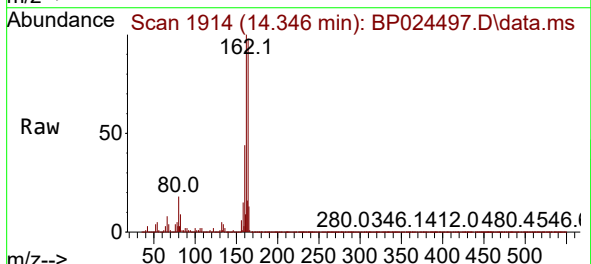
Instrument :
BNA_P
ClientSampleId :
WC-4

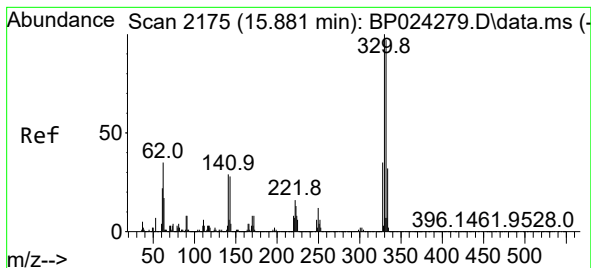
Tgt Ion: 82 Resp: 1094572
Ion Ratio Lower Upper
82 100
128 47.6 36.5 54.7
54 46.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024497.D
Acq: 01 May 2025 18:15

Tgt Ion: 164 Resp: 493292
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 45.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 153.660 ng

RT: 15.869 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BP024497.D

Acq: 01 May 2025 18:15

Instrument :

BNA_P

ClientSampleId :

WC-4

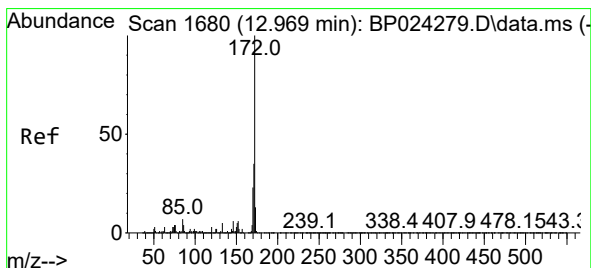
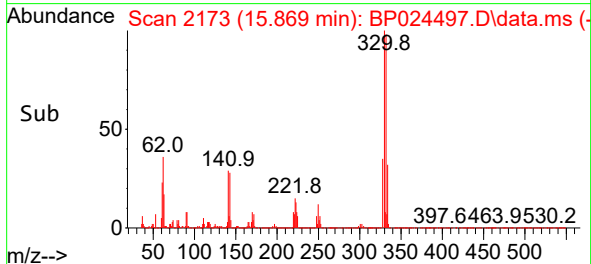
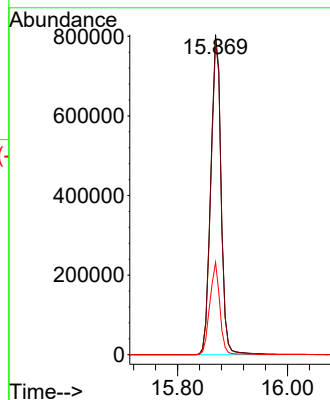
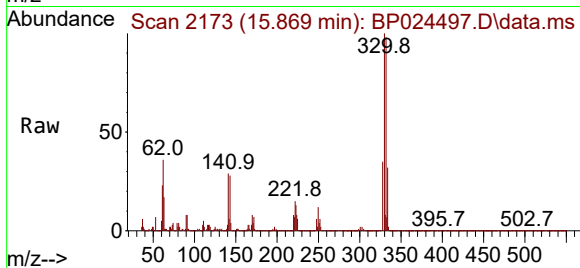
Tgt Ion:330 Resp: 1048725

Ion Ratio Lower Upper

330 100

332 97.9 77.1 115.7

141 27.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 79.006 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP024497.D

Acq: 01 May 2025 18:15

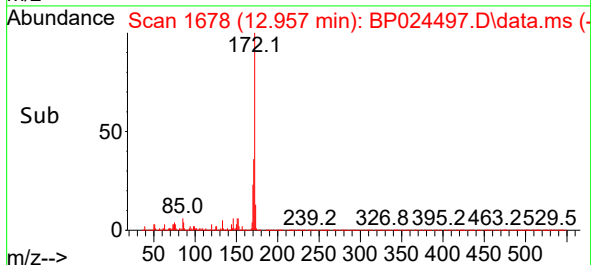
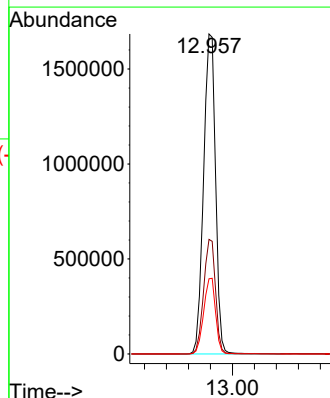
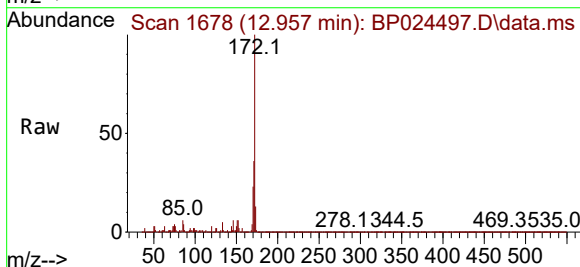
Tgt Ion:172 Resp: 2545398

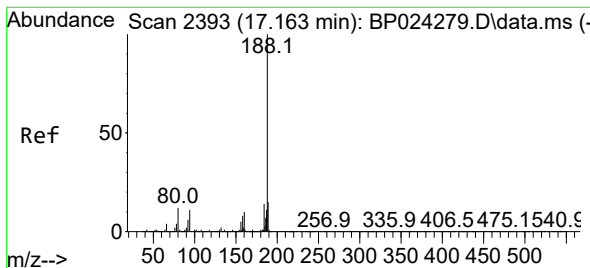
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 23.5 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024497.D

Acq: 01 May 2025 18:15

Instrument :

BNA_P

ClientSampleId :

WC-4

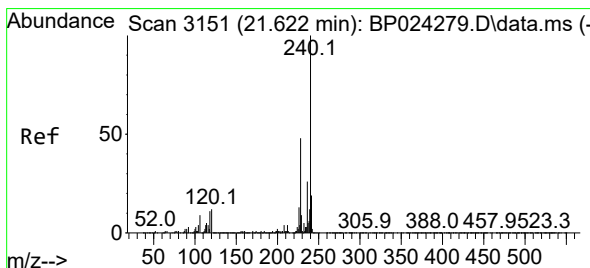
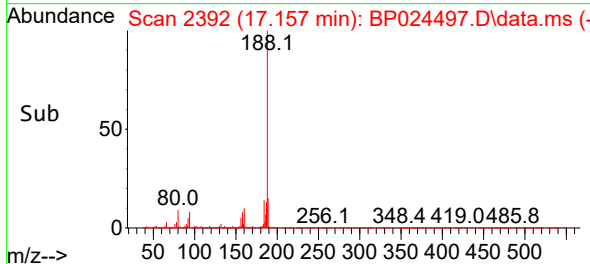
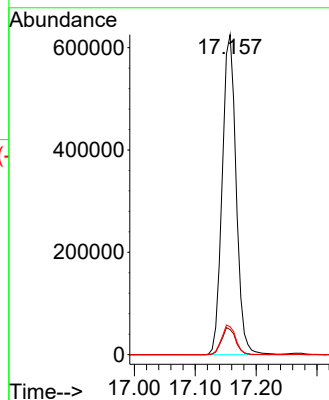
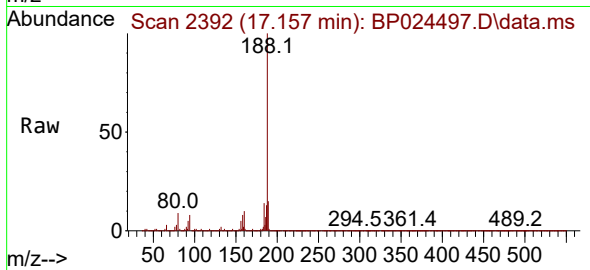
Tgt Ion:188 Resp: 991558

Ion Ratio Lower Upper

188 100

94 7.9 8.6 13.0#

80 8.7 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: BP024497.D

Acq: 01 May 2025 18:15

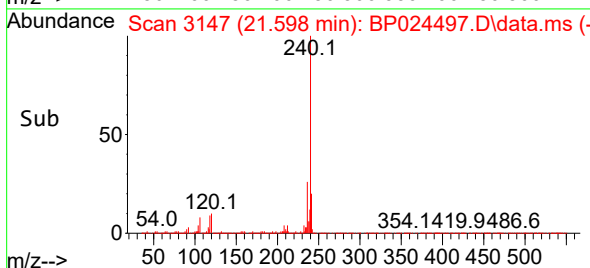
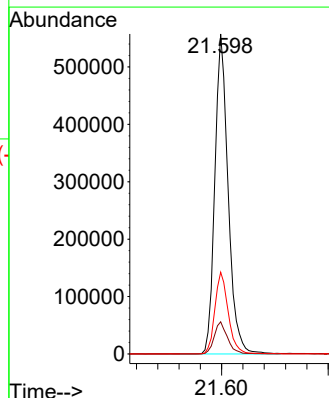
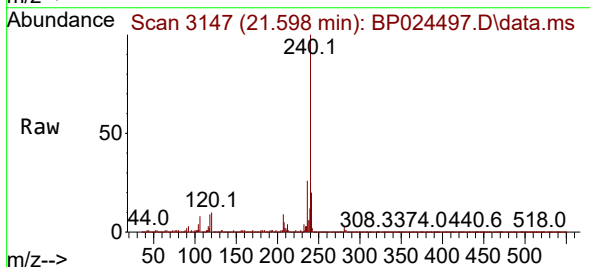
Tgt Ion:240 Resp: 964443

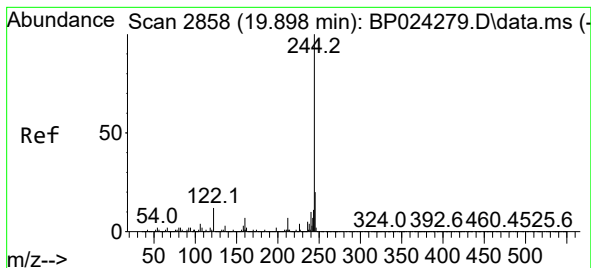
Ion Ratio Lower Upper

240 100

120 10.0 9.8 14.8

236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 89.170 ng

RT: 19.892 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024497.D

Acq: 01 May 2025 18:15

Instrument :

BNA_P

ClientSampleId :

WC-4

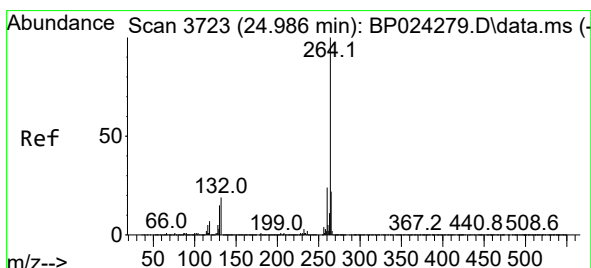
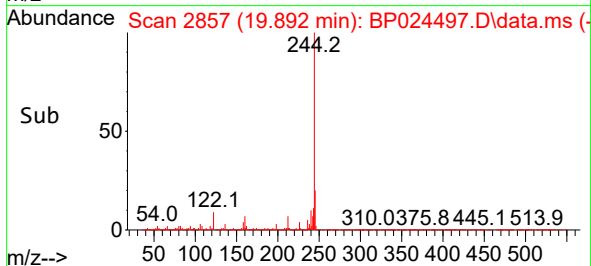
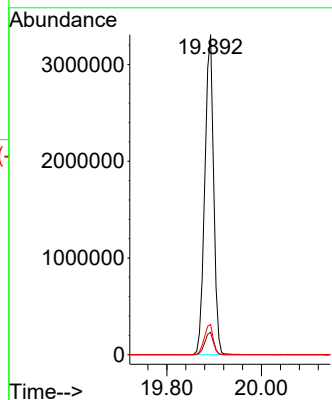
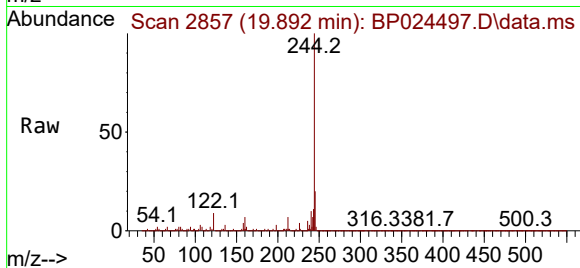
Tgt Ion:244 Resp: 4266601

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.5 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.963 min Scan# 3719

Delta R.T. 0.030 min

Lab File: BP024497.D

Acq: 01 May 2025 18:15

Tgt Ion:264 Resp: 1092476

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.9 17.8 26.6

