

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
 Data File : BP024498.D
 Acq On : 01 May 2025 18:55
 Operator : RC/JU
 Sample : Q1906-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-5

Quant Time: May 02 01:52:42 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	199150	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	782786	20.000	ng	#-0.01
39) Acenaphthene-d10	14.346	164	508621	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1028546	20.000	ng	# 0.00
76) Chrysene-d12	21.604	240	845308	20.000	ng	# 0.01
86) Perylene-d12	24.957	264	897736	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1256819	104.348	ng	0.00
7) Phenol-d6	6.899	99	1467377	88.974	ng	-0.01
23) Nitrobenzene-d5	8.858	82	1082387	78.845	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	1044403	148.415	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2512470	75.633	ng	-0.01
79) Terphenyl-d14	19.886	244	4376560	104.359	ng	0.01

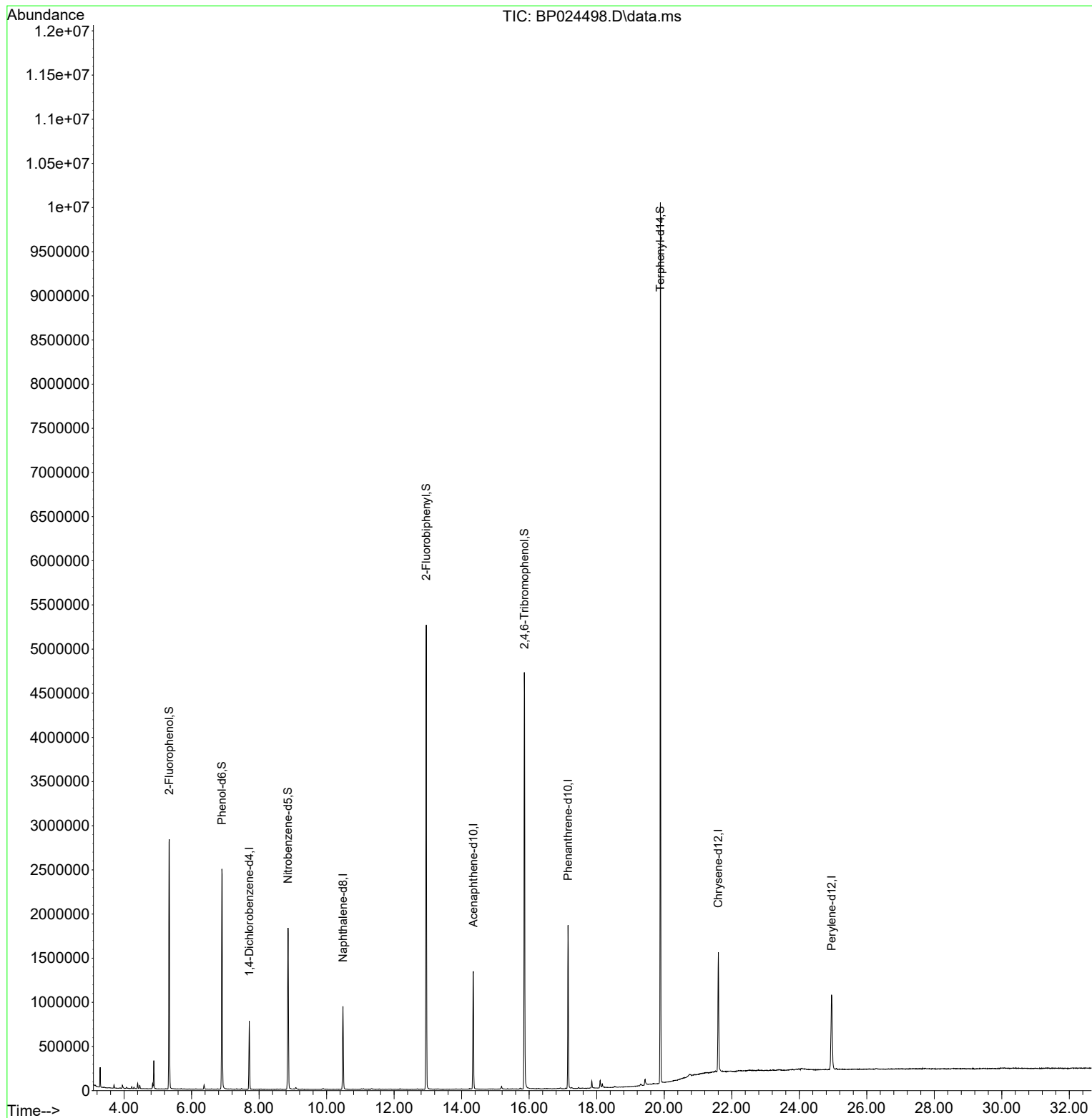
Target Compounds	Qvalue

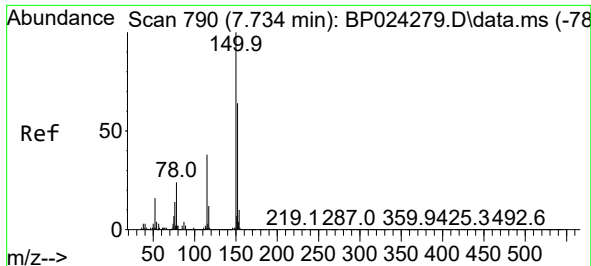
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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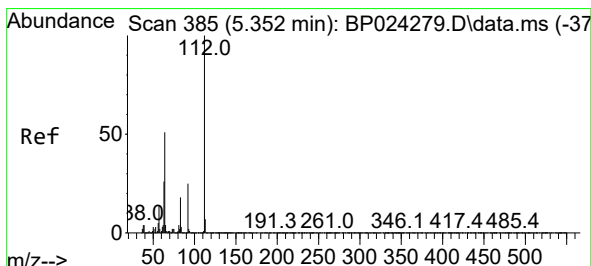
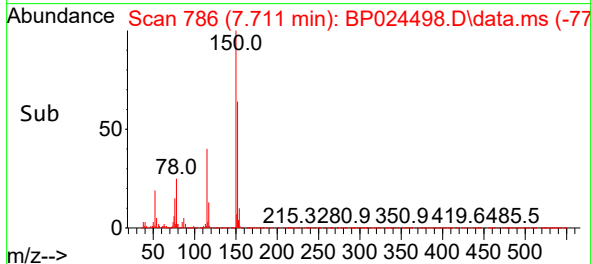
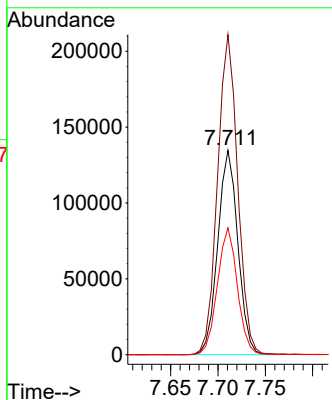
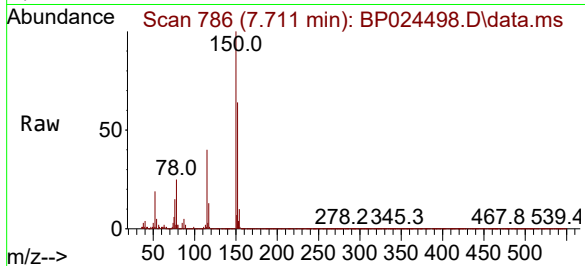




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024498.D
Acq: 01 May 2025 18:55

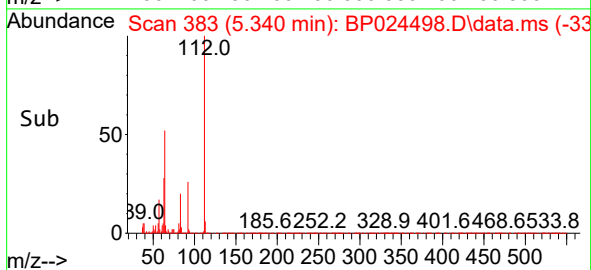
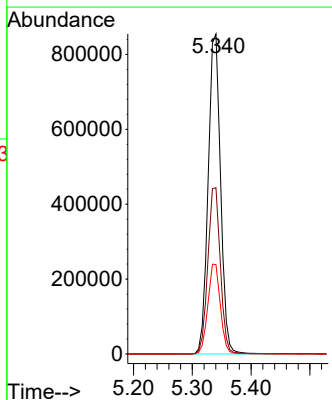
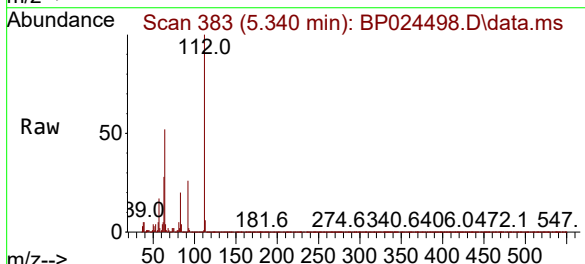
Instrument :
BNA_P
ClientSampleId :
WC-5

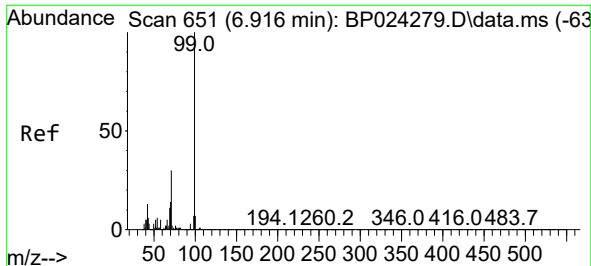
Tgt Ion:152 Resp: 199150
Ion Ratio Lower Upper
152 100
150 156.6 124.9 187.3
115 62.1 47.7 71.5



#5
2-Fluorophenol
Concen: 104.348 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024498.D
Acq: 01 May 2025 18:55

Tgt Ion:112 Resp: 1256819
Ion Ratio Lower Upper
112 100
64 51.9 41.1 61.7
63 28.0 20.6 30.8

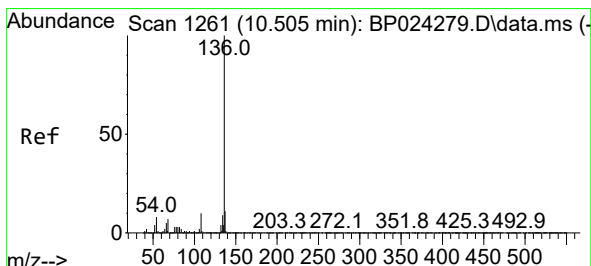
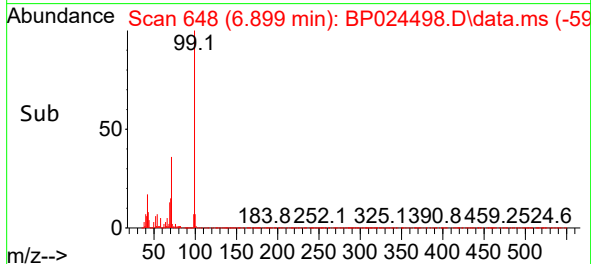
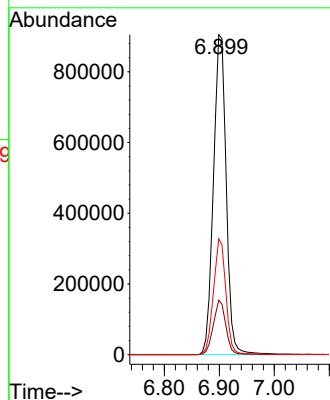
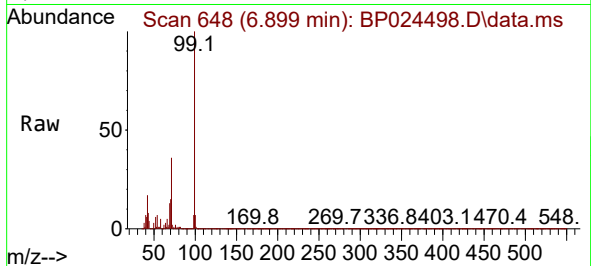




#7
Phenol-d6
Concen: 88.974 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024498.D
Acq: 01 May 2025 18:55

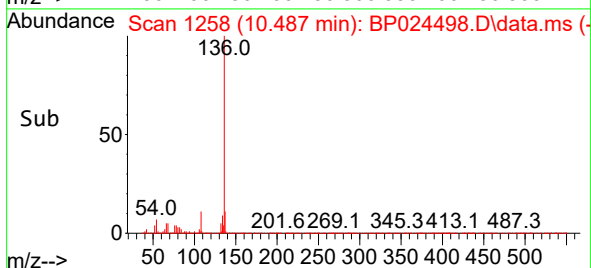
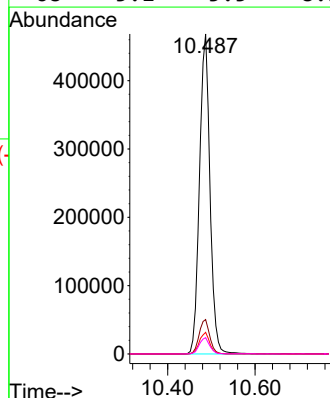
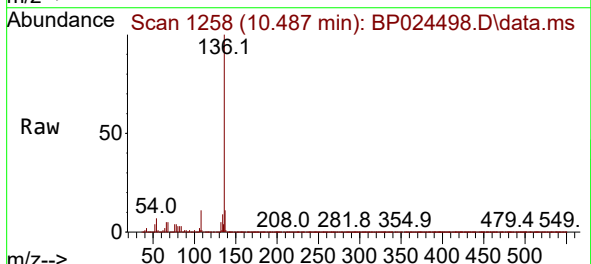
Instrument :
BNA_P
ClientSampleId :
WC-5

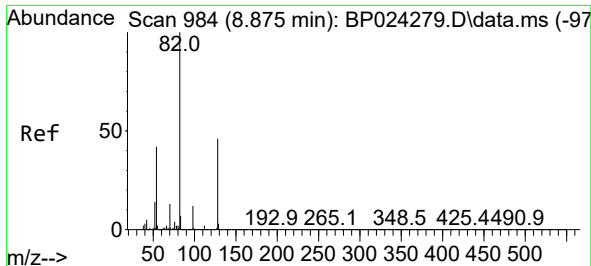
Tgt Ion: 99 Resp: 1467377
Ion Ratio Lower Upper
99 100
42 17.0 10.6 16.0#
71 36.1 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024498.D
Acq: 01 May 2025 18:55

Tgt Ion:136 Resp: 782786
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.8 6.0 9.0
68 5.1 5.5 8.3#

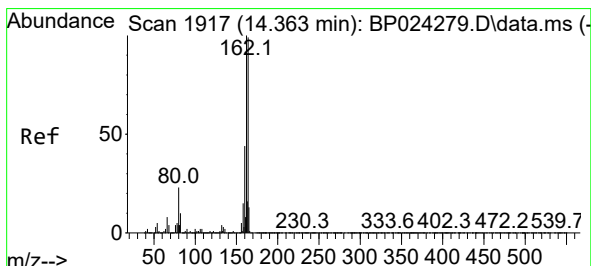
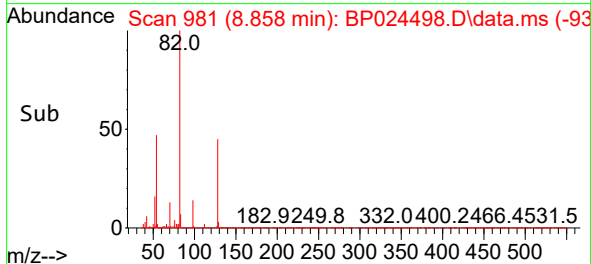
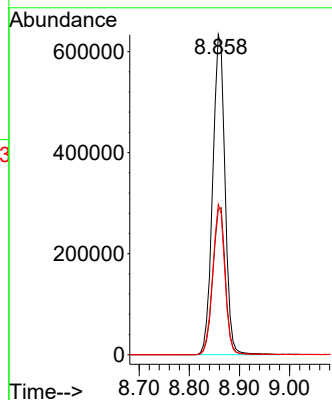
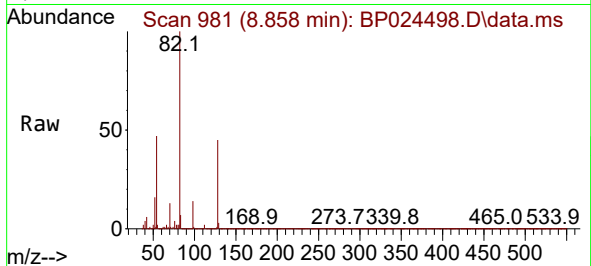




#23
Nitrobenzene-d5
Concen: 78.845 ng
RT: 8.858 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024498.D
Acq: 01 May 2025 18:55

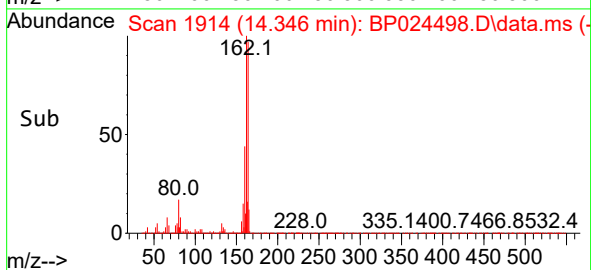
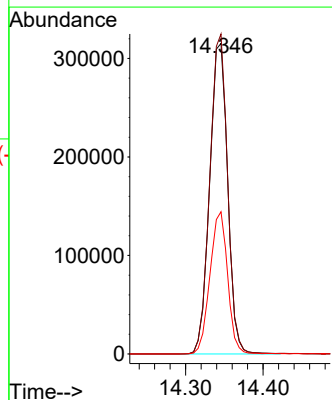
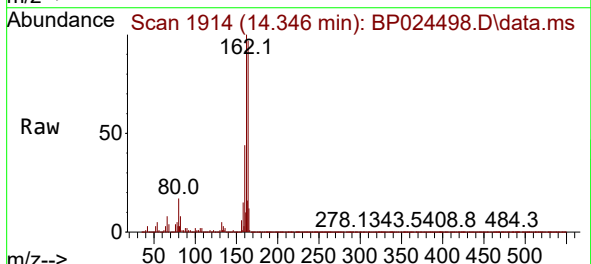
Instrument :
BNA_P
ClientSampleId :
WC-5

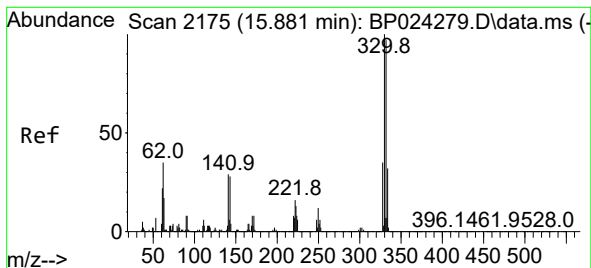
Tgt Ion: 82 Resp: 1082387
Ion Ratio Lower Upper
82 100
128 45.4 36.5 54.7
54 47.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024498.D
Acq: 01 May 2025 18:55

Tgt Ion: 164 Resp: 508621
Ion Ratio Lower Upper
164 100
162 103.0 80.6 120.8
160 45.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 148.415 ng

RT: 15.863 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BP024498.D

Acq: 01 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

WC-5

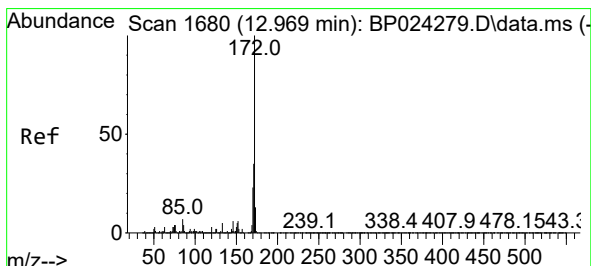
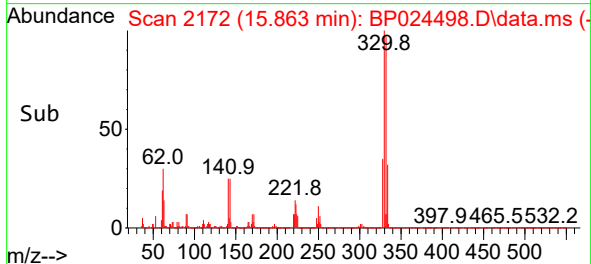
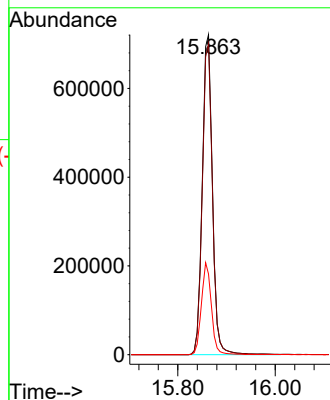
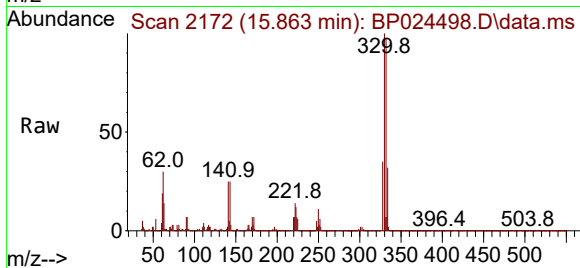
Tgt Ion:330 Resp: 1044403

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 28.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 75.633 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024498.D

Acq: 01 May 2025 18:55

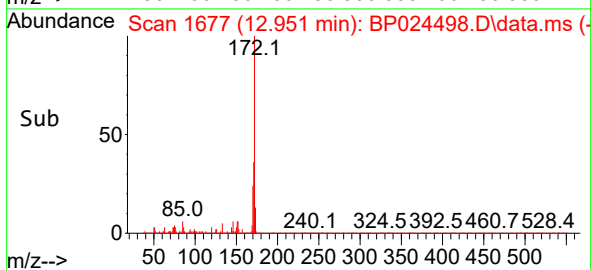
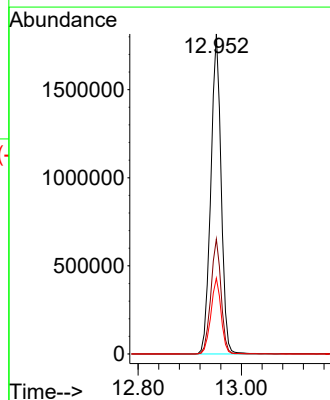
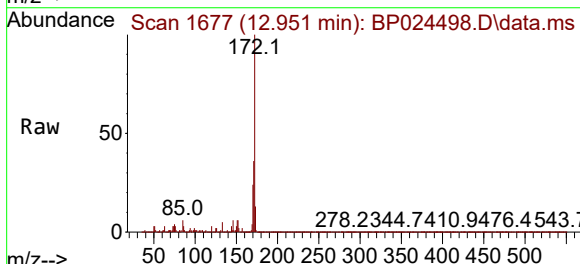
Tgt Ion:172 Resp: 2512470

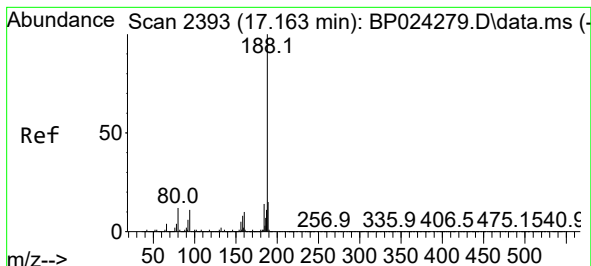
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 23.7 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024498.D

Acq: 01 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

WC-5

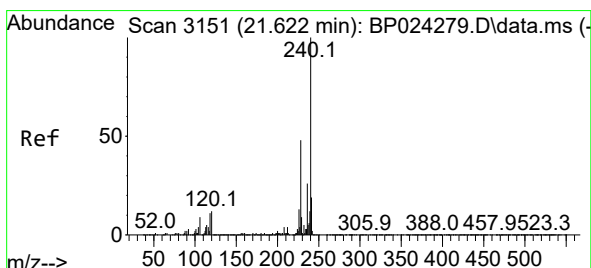
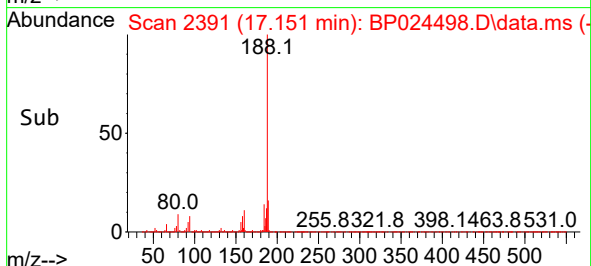
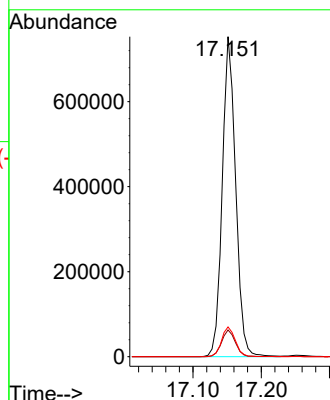
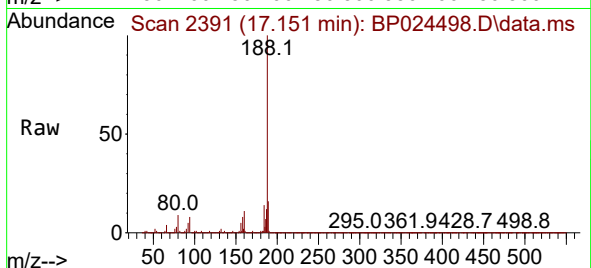
Tgt Ion:188 Resp: 1028546

Ion Ratio Lower Upper

188 100

94 8.4 8.6 13.0#

80 9.3 9.8 14.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.604 min Scan# 3148

Delta R.T. 0.012 min

Lab File: BP024498.D

Acq: 01 May 2025 18:55

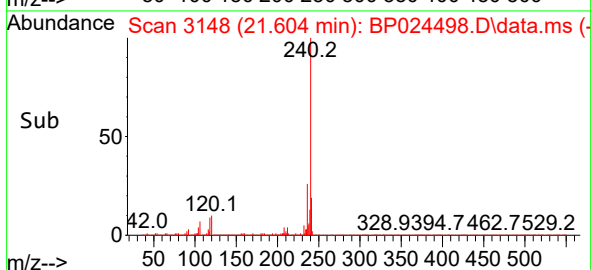
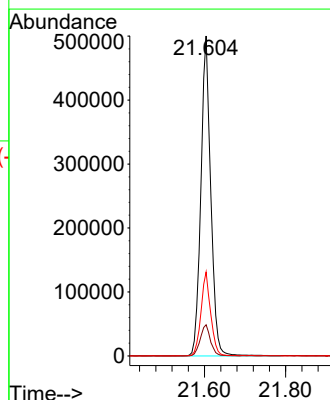
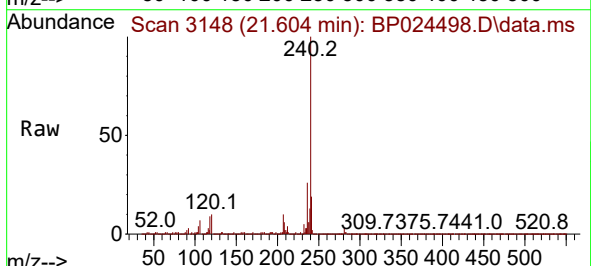
Tgt Ion:240 Resp: 845308

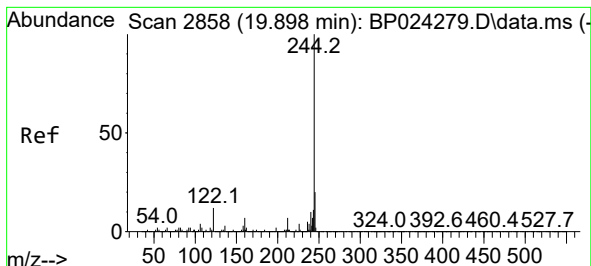
Ion Ratio Lower Upper

240 100

120 9.8 9.8 14.8#

236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 104.359 ng

RT: 19.886 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024498.D

Acq: 01 May 2025 18:55

Instrument :

BNA_P

ClientSampleId :

WC-5

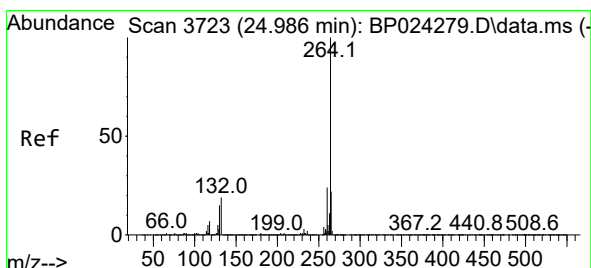
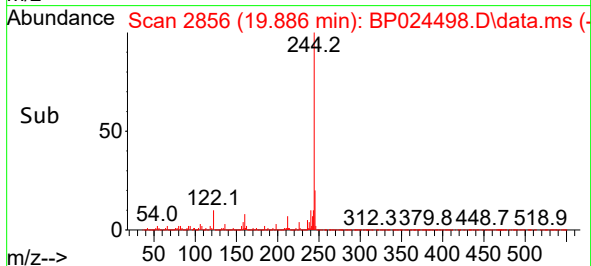
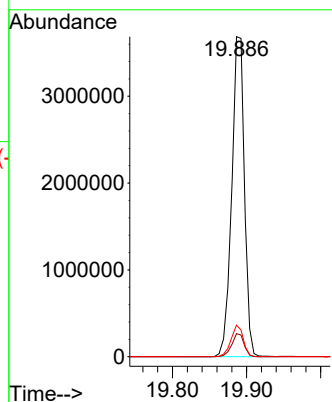
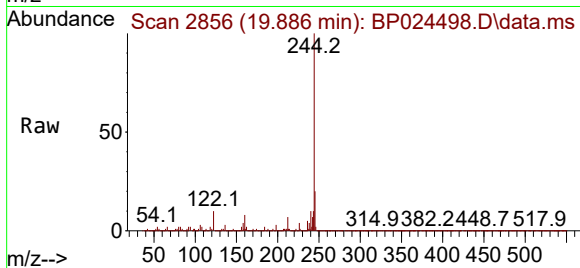
Tgt Ion:244 Resp: 4376560

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: 24.957 min Scan# 3718

Delta R.T. 0.024 min

Lab File: BP024498.D

Acq: 01 May 2025 18:55

Tgt Ion:264 Resp: 897736

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.8 17.8 26.6

