

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024296.D
 Acq On : 15 Apr 2025 16:08
 Operator : RC/JU
 Sample : Q1781-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-12

Quant Time: Apr 15 16:32:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	300218	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1147464	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	628375	20.000	ng	-0.01
64) Phenanthrene-d10	17.163	188	1152757	20.000	ng	-0.02
76) Chrysene-d12	21.616	240	1095327	20.000	ng	0.00
86) Perylene-d12	24.980	264	1092940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2323921	127.990	ng	0.00
7) Phenol-d6	6.910	99	2637119	106.070	ng	0.00
23) Nitrobenzene-d5	8.875	82	2009554	99.861	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1124574	129.352	ng	-0.02
45) 2-Fluorobiphenyl	12.975	172	3821327	93.111	ng	0.00
79) Terphenyl-d14	19.892	244	5538167	101.914	ng	-0.03

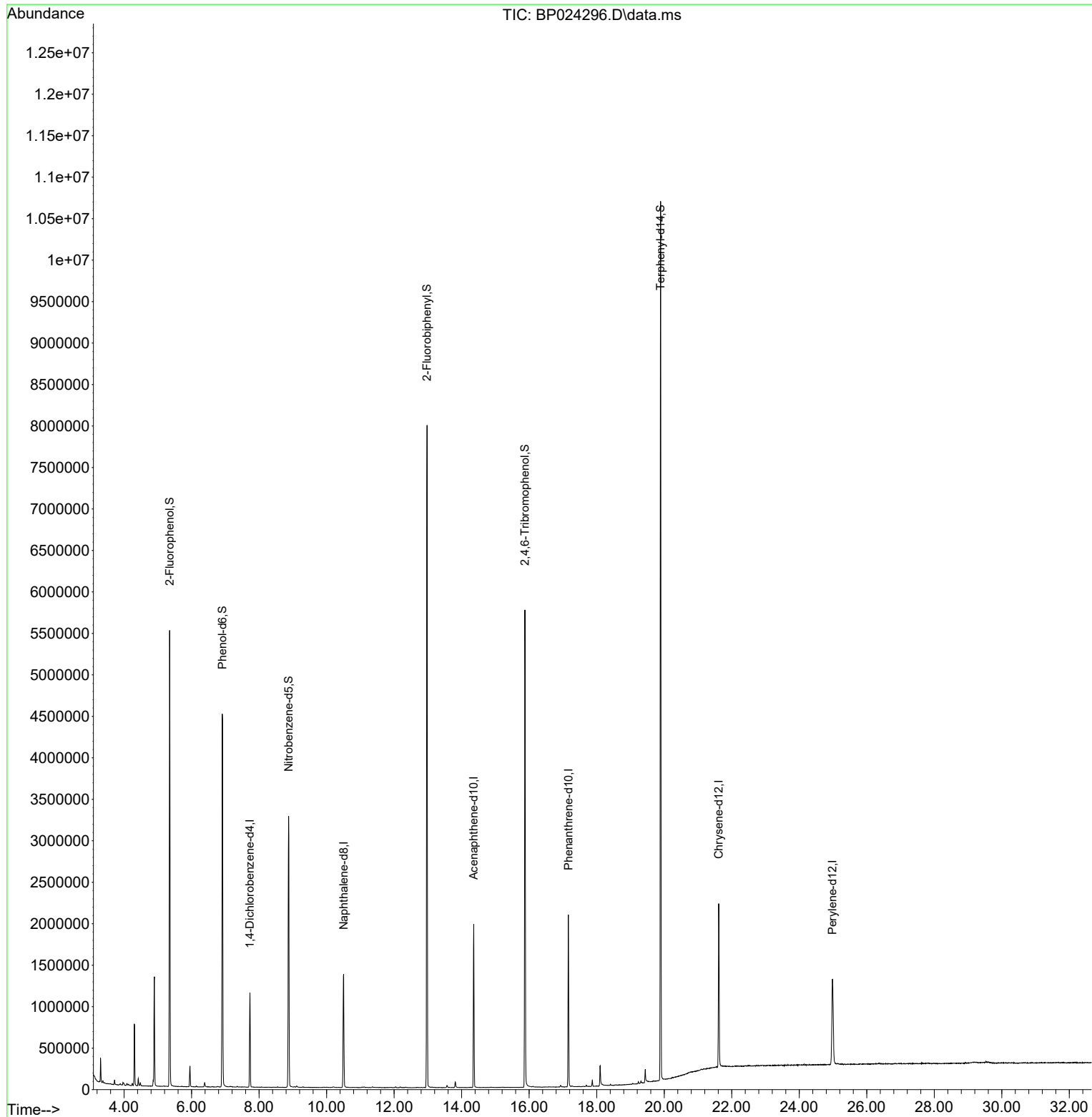
Target Compounds	Qvalue

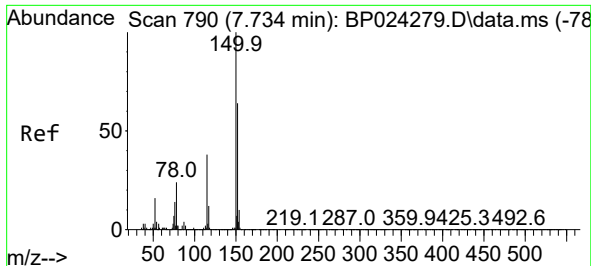
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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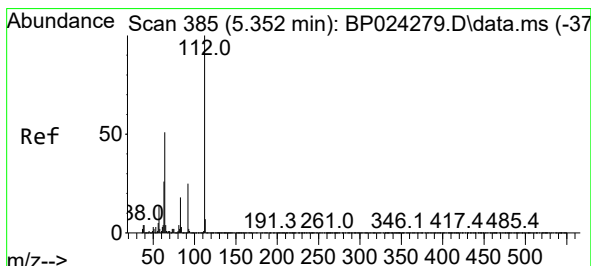
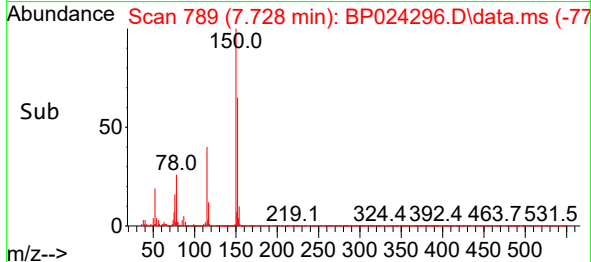
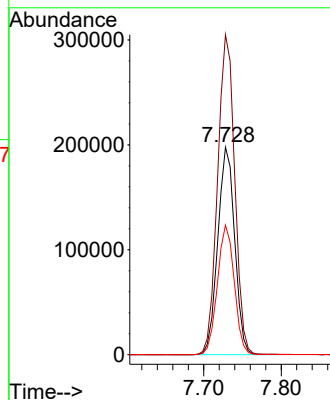
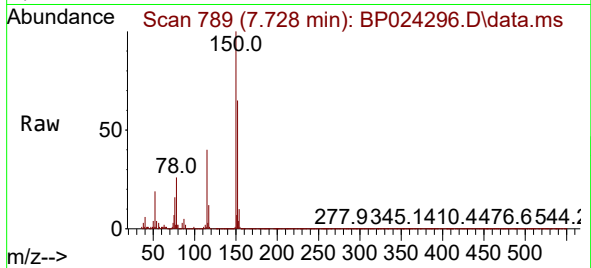




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 790
Delta R.T. 0.000 min
Lab File: BP024296.D
Acq: 15 Apr 2025 16:08

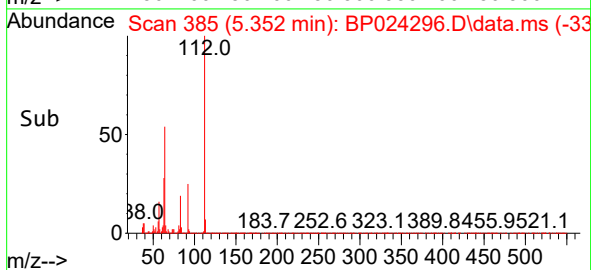
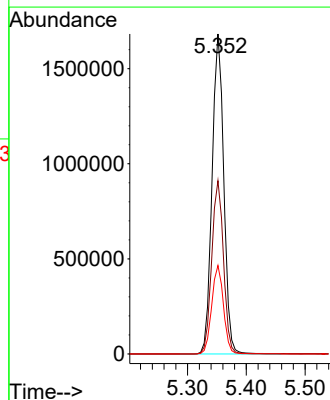
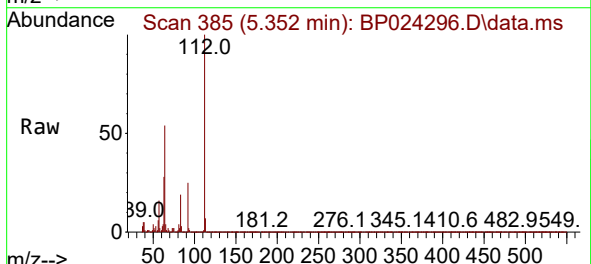
Instrument :
BNA_P
ClientSampleId :
WC-12

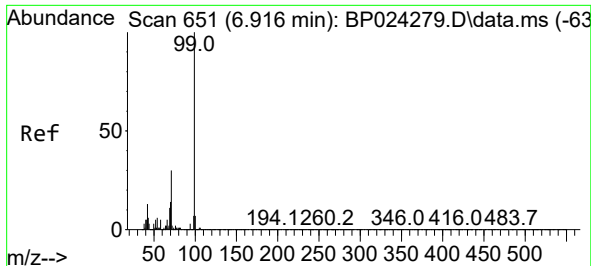
Tgt Ion:152 Resp: 300218
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 62.4 47.7 71.5



#5
2-Fluorophenol
Concen: 127.990 ng
RT: 5.352 min Scan# 385
Delta R.T. -0.000 min
Lab File: BP024296.D
Acq: 15 Apr 2025 16:08

Tgt Ion:112 Resp: 2323921
Ion Ratio Lower Upper
112 100
64 54.2 41.1 61.7
63 27.7 20.6 30.8

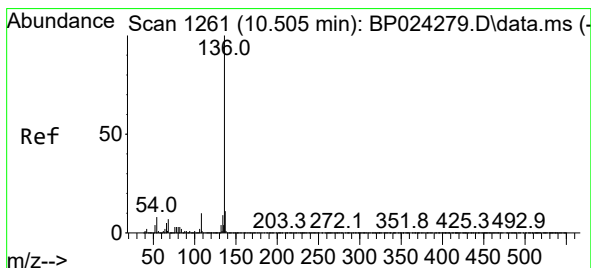
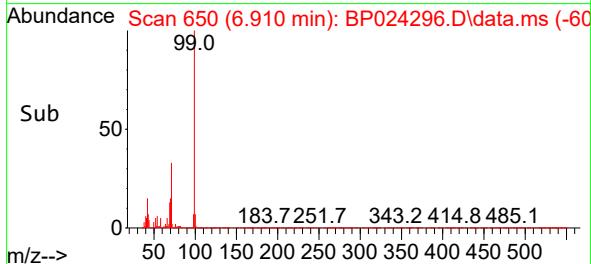
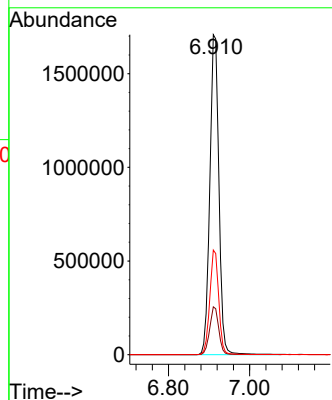
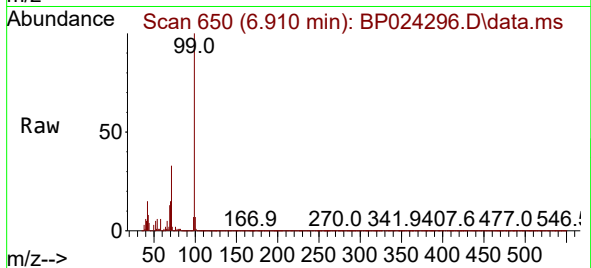




#7
Phenol-d6
Concen: 106.070 ng
RT: 6.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024296.D
Acq: 15 Apr 2025 16:08

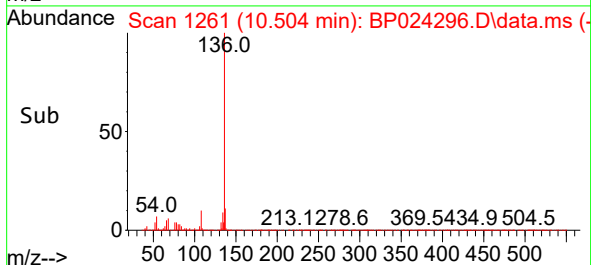
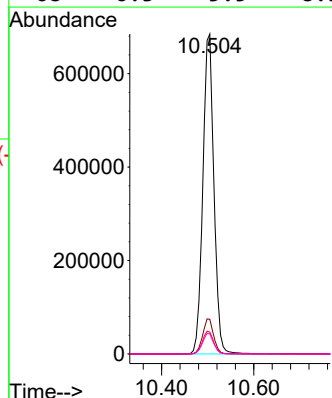
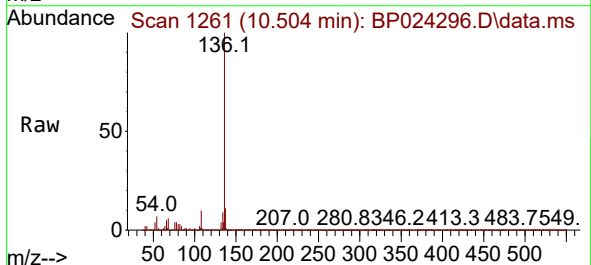
Instrument :
BNA_P
ClientSampleId :
WC-12

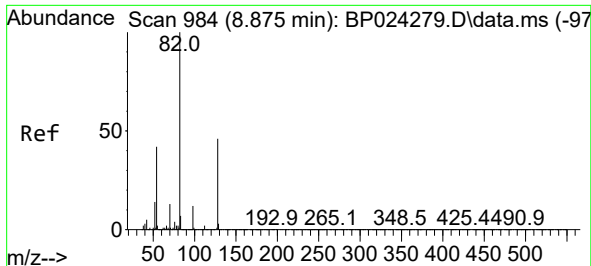
Tgt Ion: 99 Resp: 2637119
Ion Ratio Lower Upper
99 100
42 15.0 10.6 16.0
71 32.7 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BP024296.D
Acq: 15 Apr 2025 16:08

Tgt Ion:136 Resp: 1147464
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.9 6.0 9.0
68 6.3 5.5 8.3

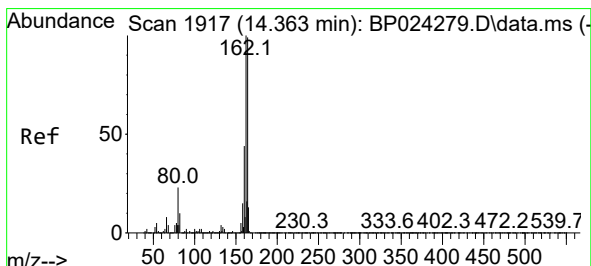
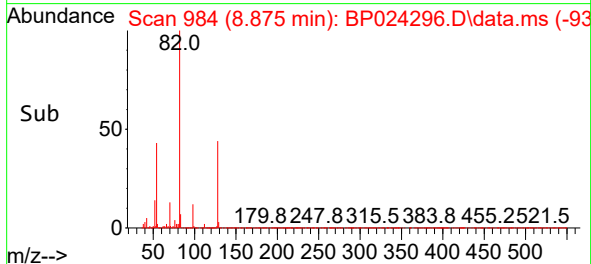
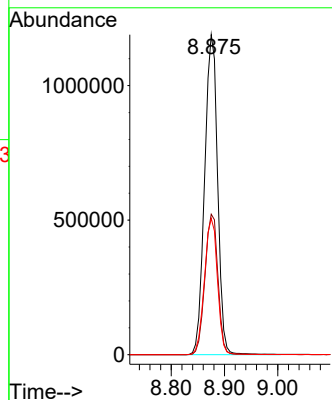
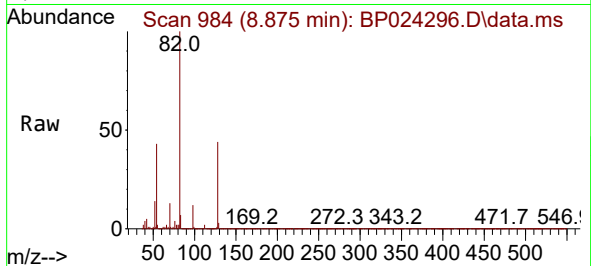




#23
Nitrobenzene-d5
Concen: 99.861 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024296.D
Acq: 15 Apr 2025 16:08

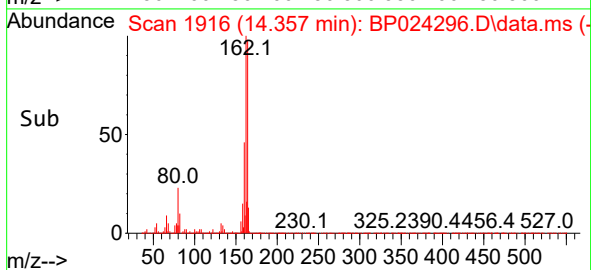
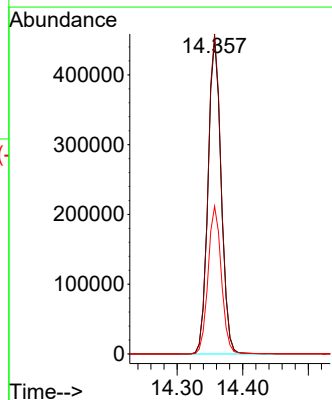
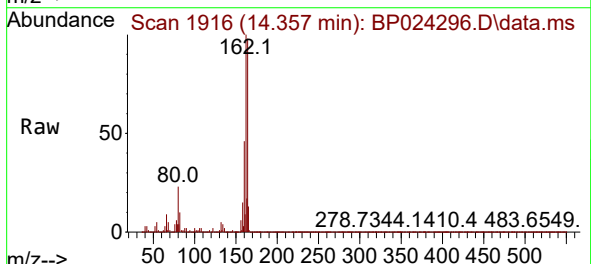
Instrument :
BNA_P
ClientSampleId :
WC-12

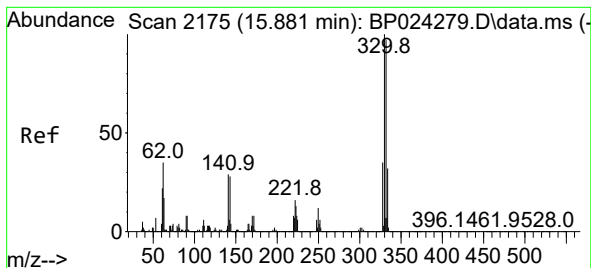
Tgt Ion: 82 Resp: 2009554
Ion Ratio Lower Upper
82 100
128 43.9 36.5 54.7
54 42.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP024296.D
Acq: 15 Apr 2025 16:08

Tgt Ion:164 Resp: 628375
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 46.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 129.352 ng

RT: 15.875 min Scan# 2174

Delta R.T. -0.018 min

Lab File: BP024296.D

Acq: 15 Apr 2025 16:08

Instrument :

BNA_P

ClientSampleId :

WC-12

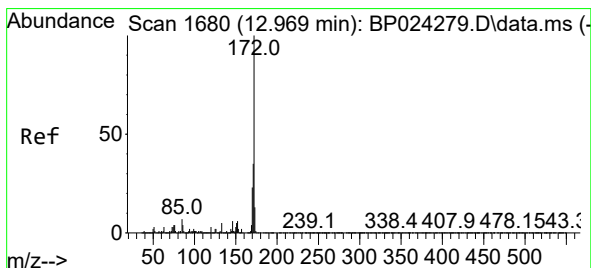
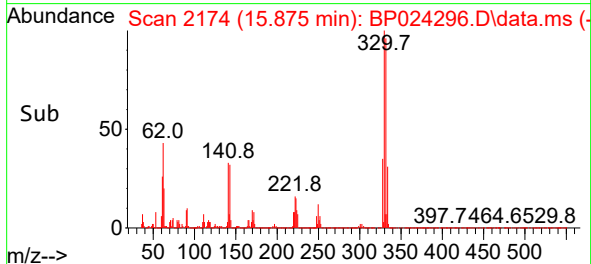
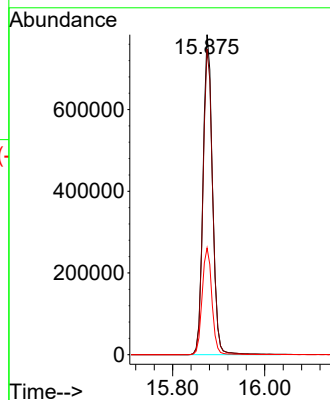
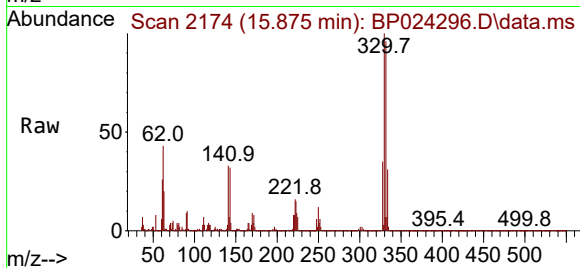
Tgt Ion:330 Resp: 1124574

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 34.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 93.111 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP024296.D

Acq: 15 Apr 2025 16:08

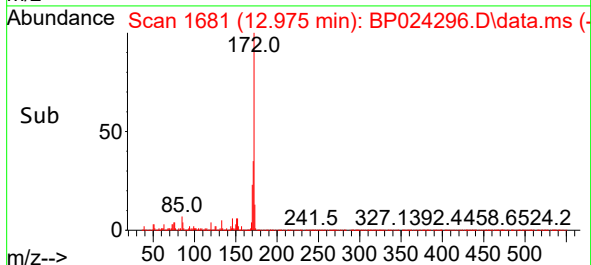
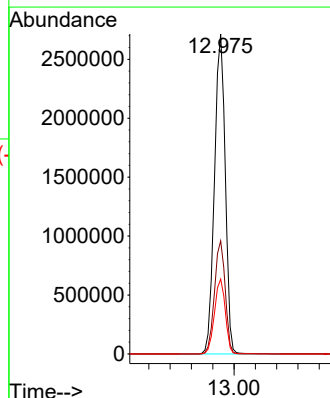
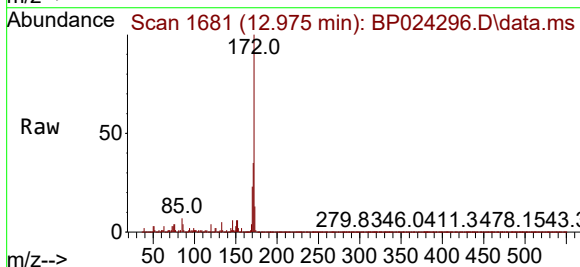
Tgt Ion:172 Resp: 3821327

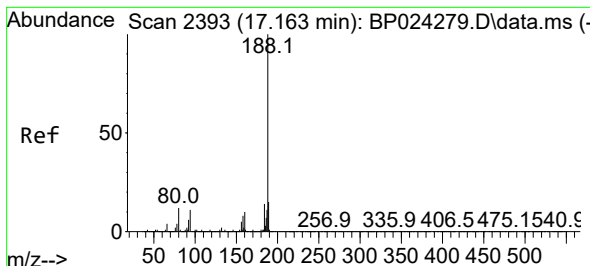
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.4 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.163 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024296.D

Acq: 15 Apr 2025 16:08

Instrument :

BNA_P

ClientSampleId :

WC-12

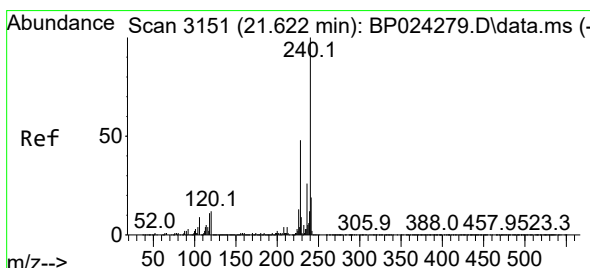
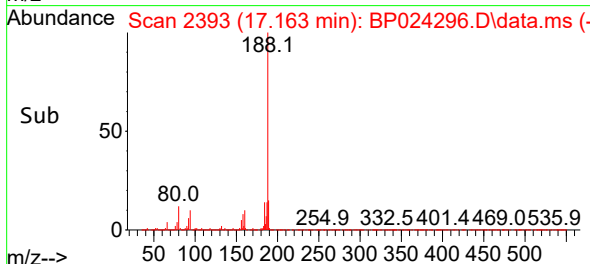
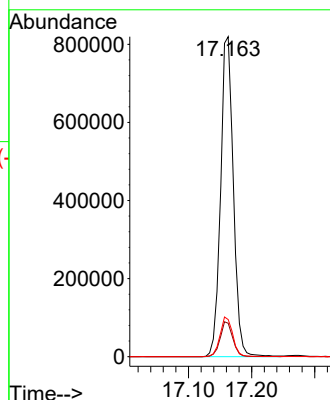
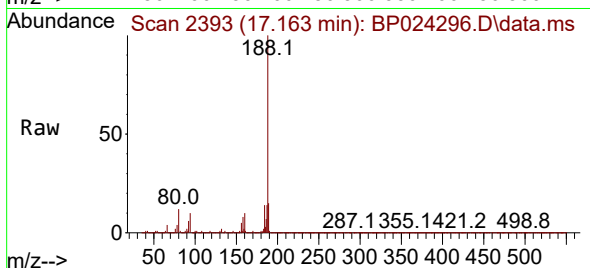
Tgt Ion:188 Resp: 1152757

Ion Ratio Lower Upper

188 100

94 10.4 8.6 13.0

80 11.6 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 3150

Delta R.T. -0.006 min

Lab File: BP024296.D

Acq: 15 Apr 2025 16:08

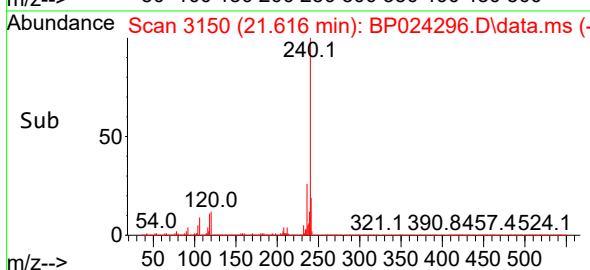
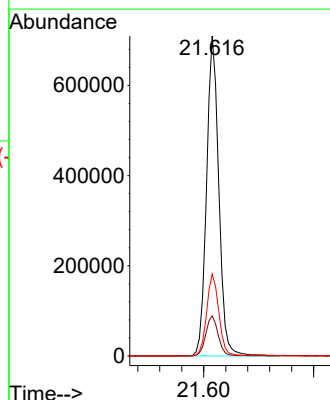
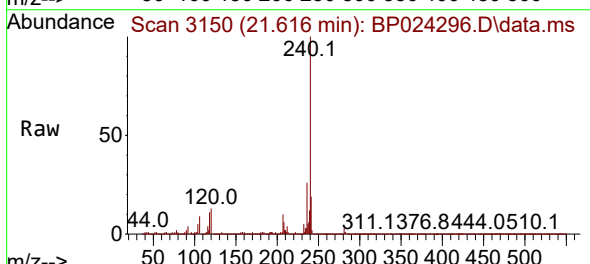
Tgt Ion:240 Resp: 1095327

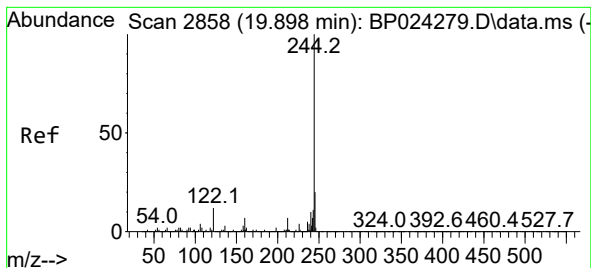
Ion Ratio Lower Upper

240 100

120 12.5 9.8 14.8

236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 101.914 ng

RT: 19.892 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP024296.D

Acq: 15 Apr 2025 16:08

Instrument :

BNA_P

ClientSampleId :

WC-12

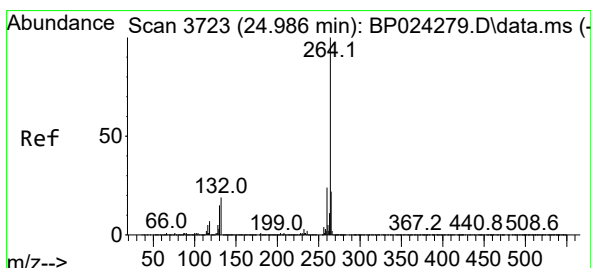
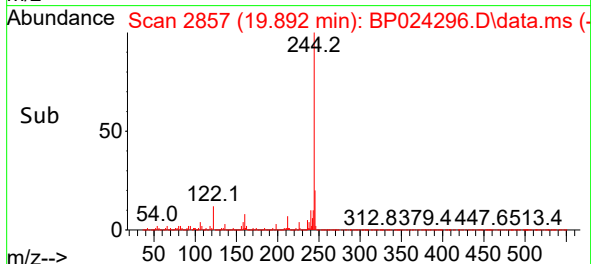
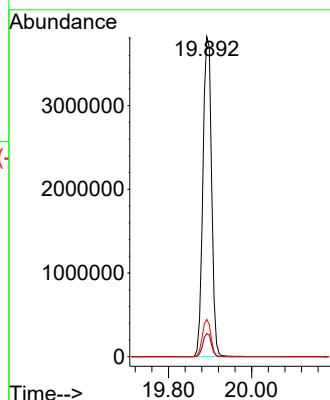
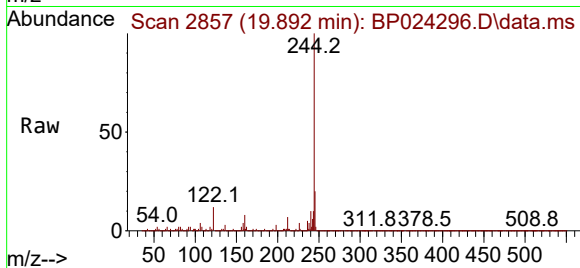
Tgt Ion:244 Resp: 5538167

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.980 min Scan# 3722

Delta R.T. -0.006 min

Lab File: BP024296.D

Acq: 15 Apr 2025 16:08

Tgt Ion:264 Resp: 1092940

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.4 17.8 26.6

