

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
 Data File : BP024836.D
 Acq On : 29 May 2025 19:49
 Operator : RC/JU
 Sample : Q2146-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP04-MHN-WC

Quant Time: May 30 01:06:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	108350	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	434629	20.000	ng	0.00
39) Acenaphthene-d10	14.275	164	287689	20.000	ng	0.00
64) Phenanthrene-d10	17.081	188	644208	20.000	ng	0.02
76) Chrysene-d12	21.498	240	718662	20.000	ng	0.00
86) Perylene-d12	24.774	264	841531	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	380362	60.042	ng	0.00
7) Phenol-d6	6.852	99	544091	67.296	ng	0.00
23) Nitrobenzene-d5	8.793	82	278115	32.331	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	357108	73.221	ng	0.02
45) 2-Fluorobiphenyl	12.887	172	681097	31.017	ng	0.00
79) Terphenyl-d14	19.792	244	1776957	42.397	ng	0.00

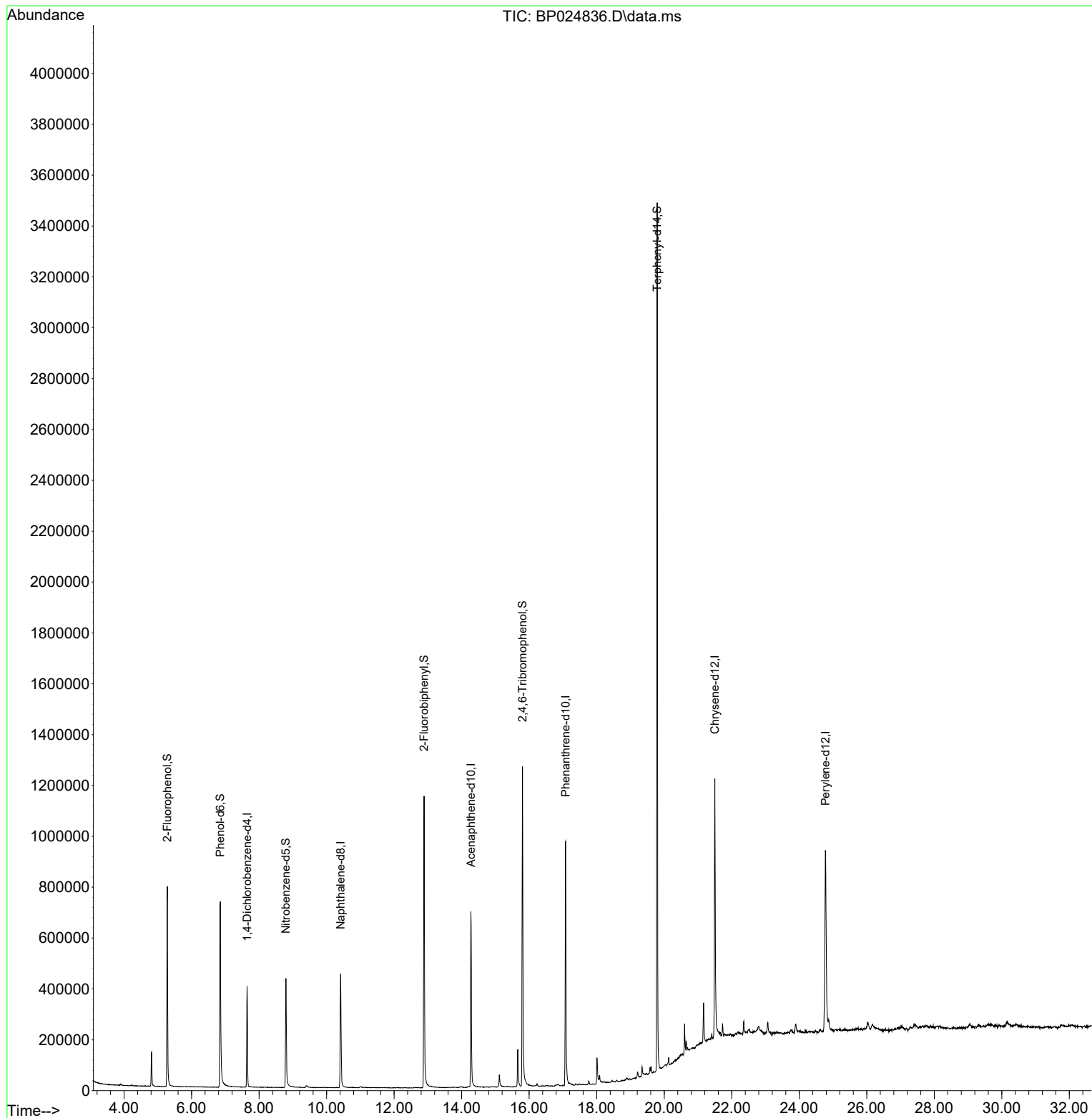
Target Compounds	Qvalue

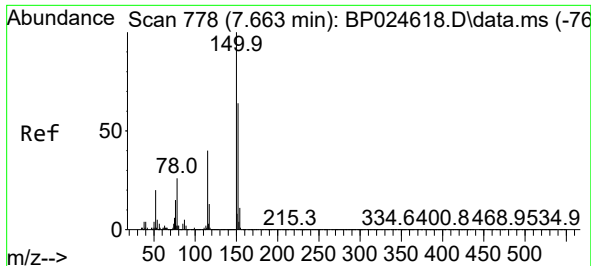
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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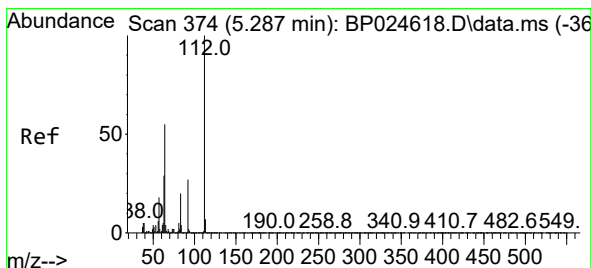
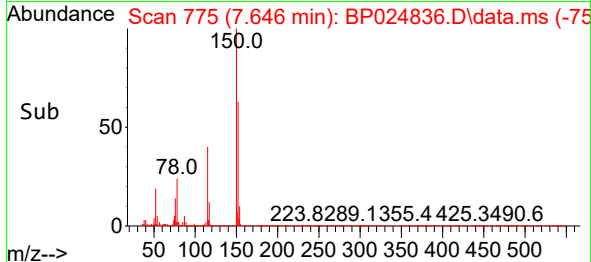
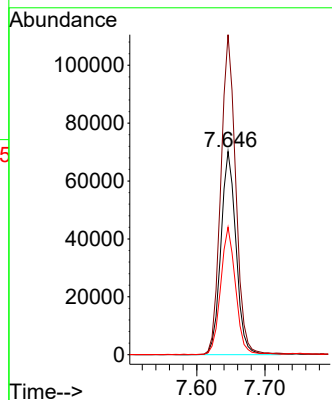
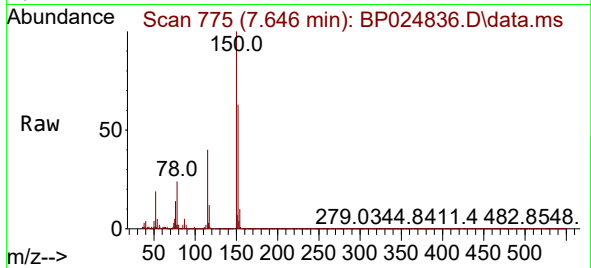




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

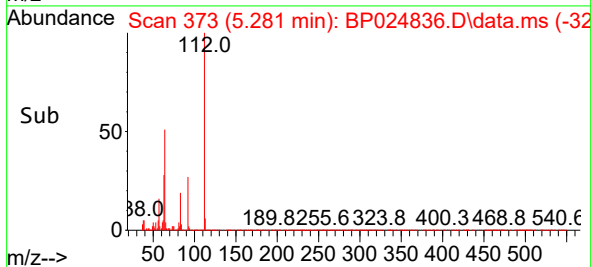
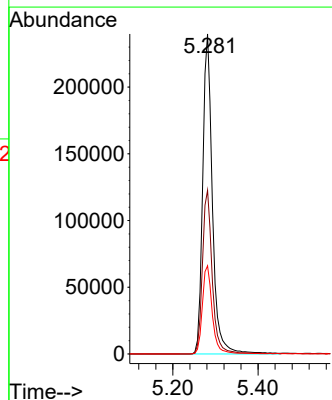
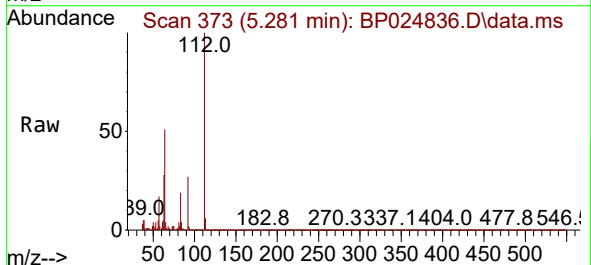
Instrument :
BNA_P
ClientSampleId :
TP04-MHN-WC

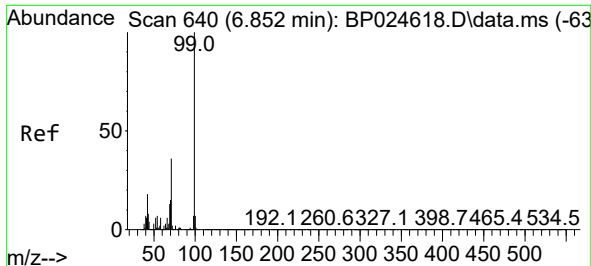
Tgt Ion:152 Resp: 108350
Ion Ratio Lower Upper
152 100
150 157.5 125.9 188.9
115 62.8 50.1 75.1



#5
2-Fluorophenol
Concen: 60.042 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.000 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

Tgt Ion:112 Resp: 380362
Ion Ratio Lower Upper
112 100
64 51.2 44.1 66.1
63 27.5 23.5 35.3

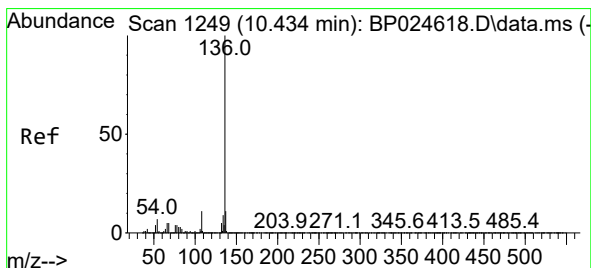
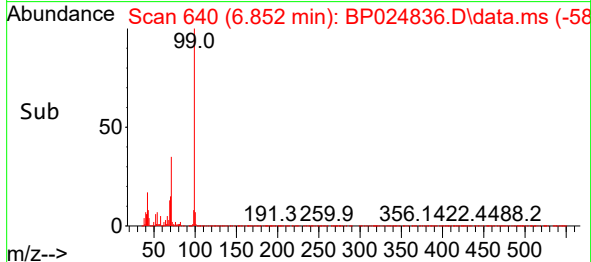
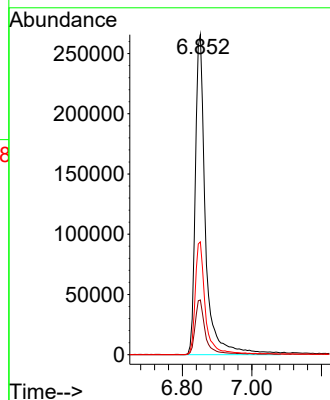
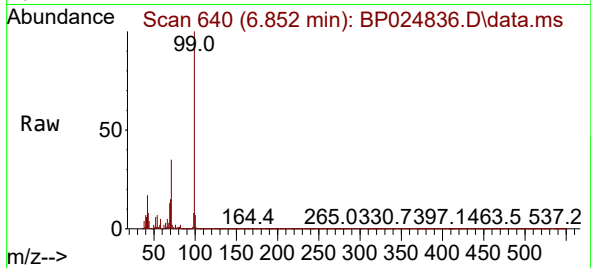




#7
Phenol-d6
Concen: 67.296 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

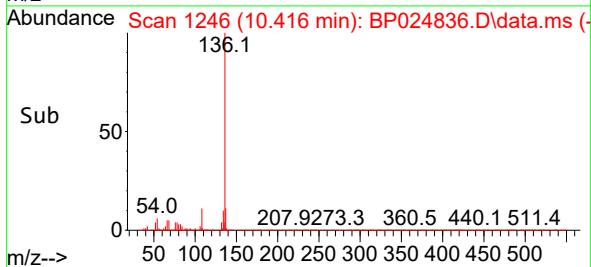
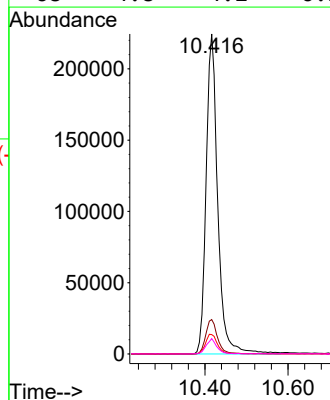
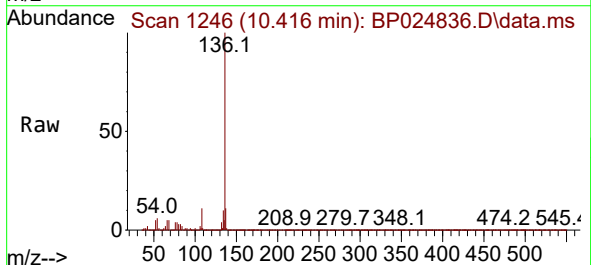
Instrument :
BNA_P
ClientSampleId :
TP04-MHN-WC

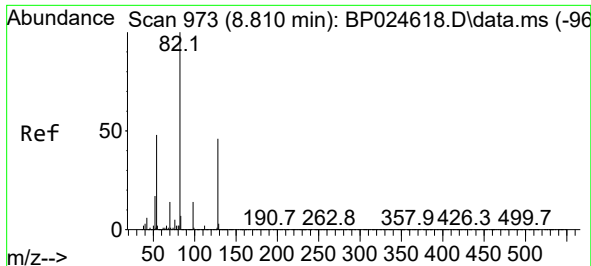
Tgt Ion: 99 Resp: 544091
Ion Ratio Lower Upper
99 100
42 17.1 14.4 21.6
71 35.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.006 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

Tgt Ion: 136 Resp: 434629
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.1 5.5 8.3
68 4.8 4.2 6.2

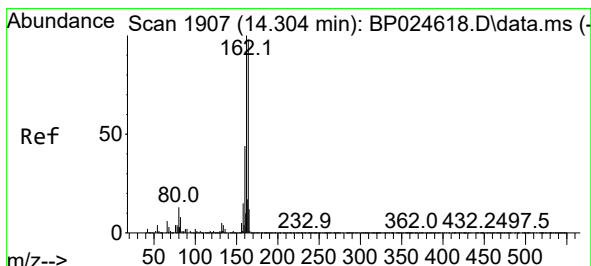
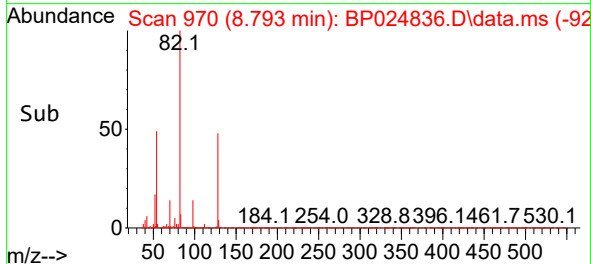
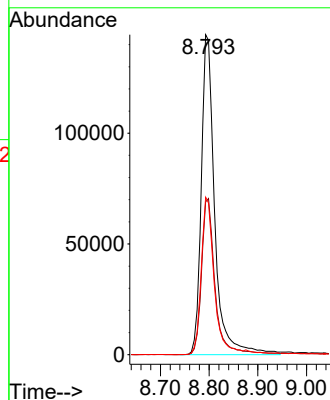
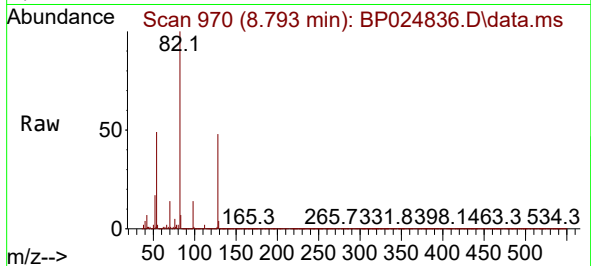




#23
Nitrobenzene-d5
Concen: 32.331 ng
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

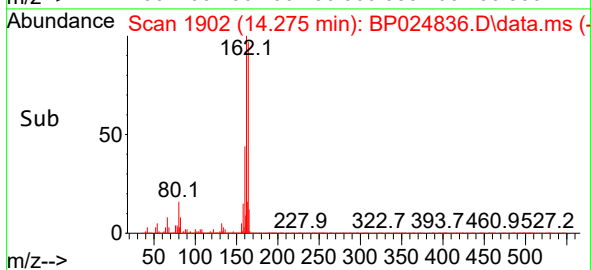
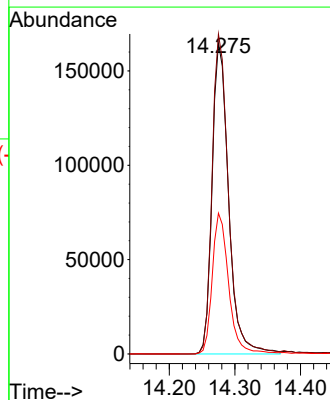
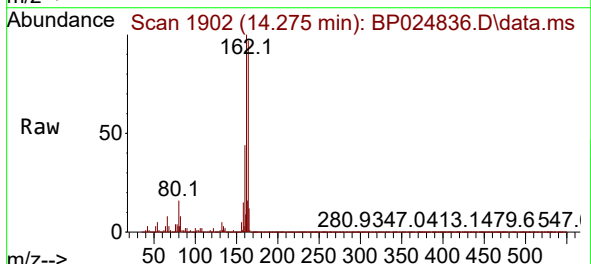
Instrument :
BNA_P
ClientSampleId :
TP04-MHN-WC

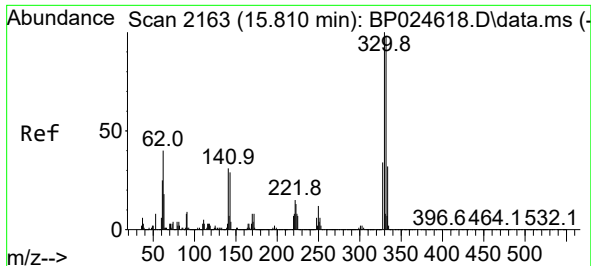
Tgt Ion: 82 Resp: 278115
Ion Ratio Lower Upper
82 100
128 47.8 37.0 55.4
54 49.2 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.275 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

Tgt Ion:164 Resp: 287689
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.6
160 45.3 36.3 54.5

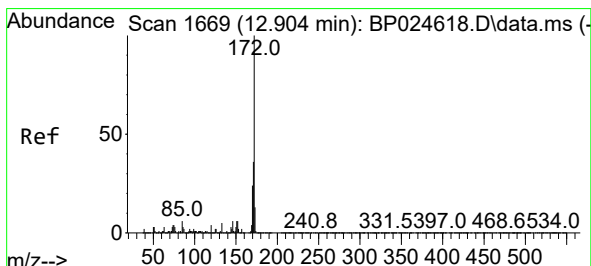
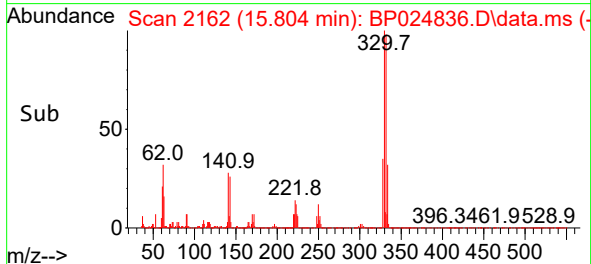
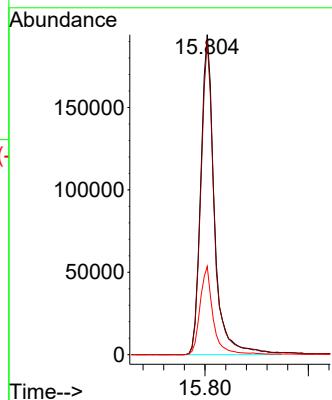
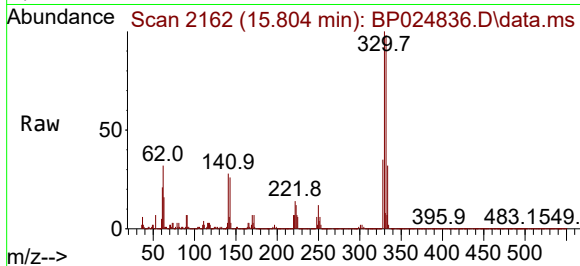




#42
2,4,6-Tribromophenol
Concen: 73.221 ng
RT: 15.804 min Scan# 2162
Delta R.T. 0.018 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

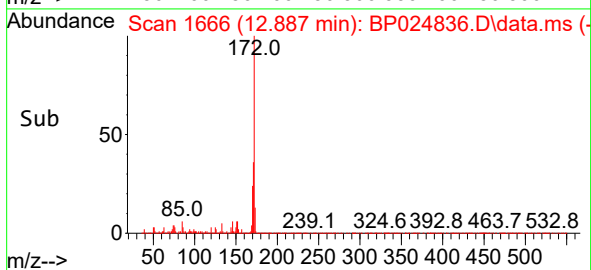
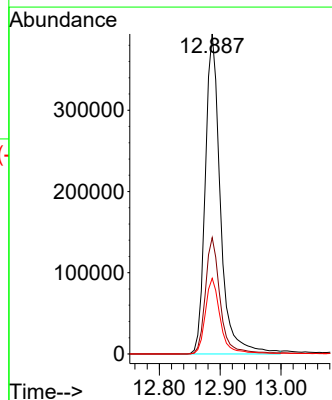
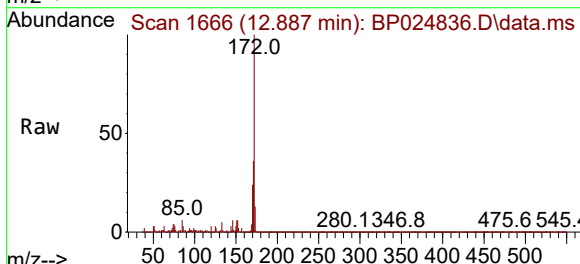
Instrument :
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ClientSampleId :
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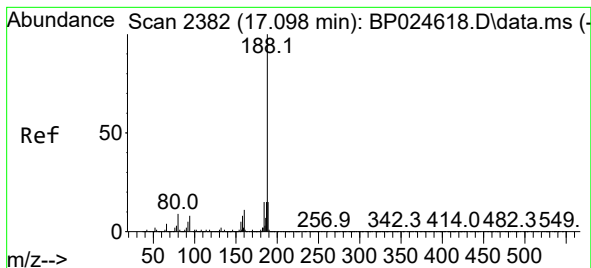
Tgt Ion:330 Resp: 357108
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.4
141 26.7 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 31.017 ng
RT: 12.887 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

Tgt Ion:172 Resp: 681097
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.081 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024836.D

Acq: 29 May 2025 19:49

Instrument :

BNA_P

ClientSampleId :

TP04-MHN-WC

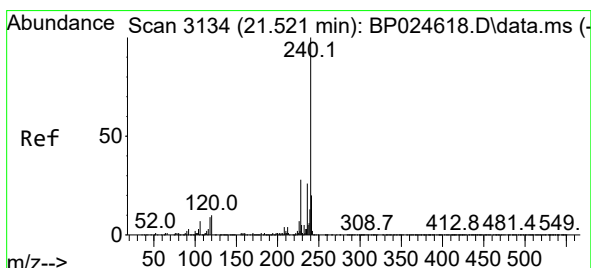
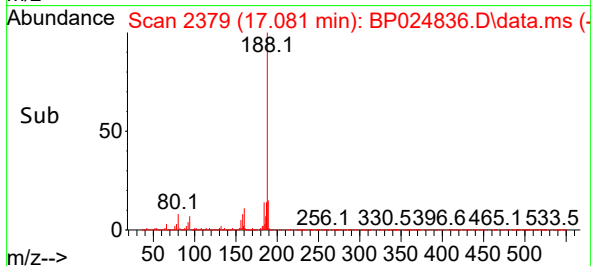
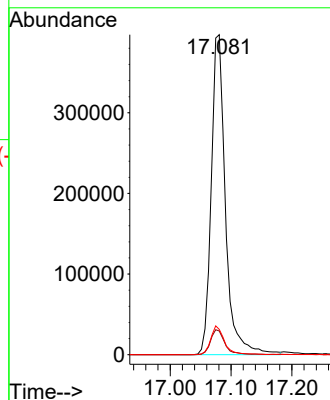
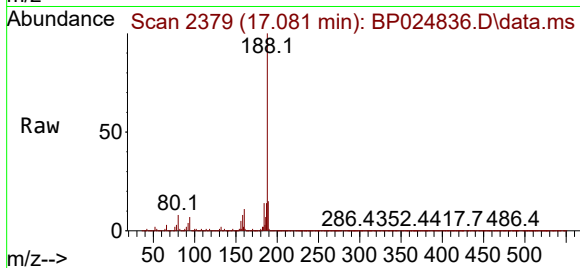
Tgt Ion:188 Resp: 644208

Ion Ratio Lower Upper

188 100

94 7.4 6.5 9.7

80 7.9 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3130

Delta R.T. 0.006 min

Lab File: BP024836.D

Acq: 29 May 2025 19:49

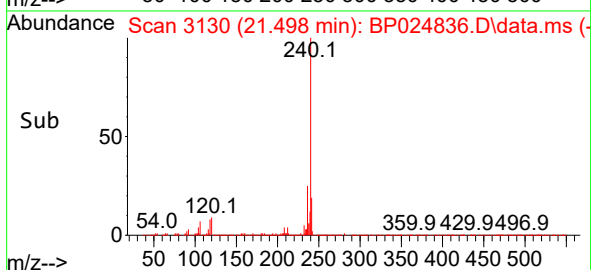
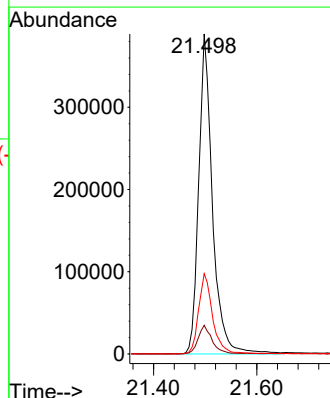
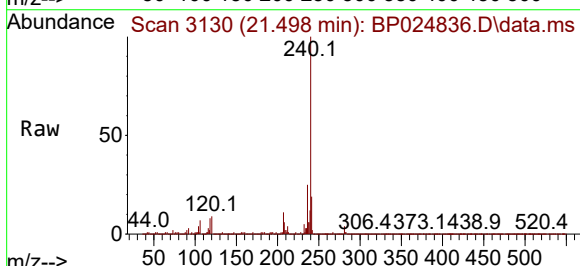
Tgt Ion:240 Resp: 718662

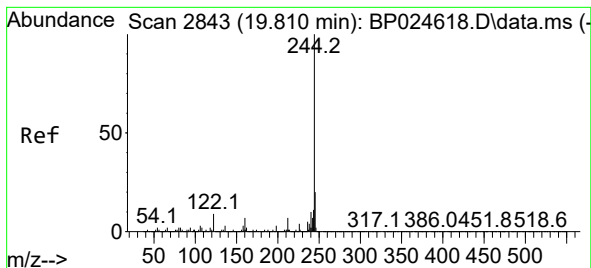
Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 25.1 20.6 31.0





#79

Terphenyl-d14

Concen: 42.397 ng

RT: 19.792 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024836.D

Acq: 29 May 2025 19:49

Instrument :

BNA_P

ClientSampleId :

TP04-MHN-WC

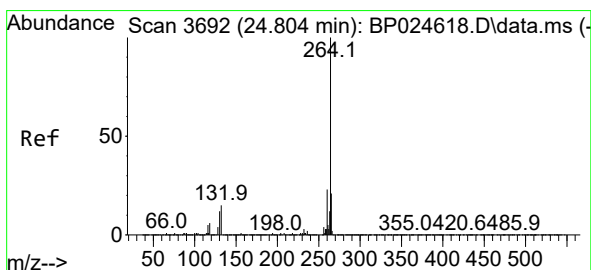
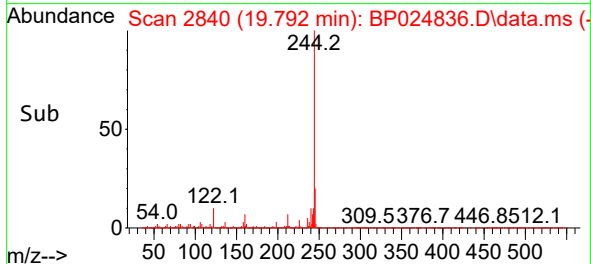
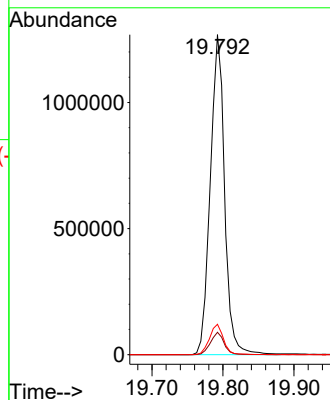
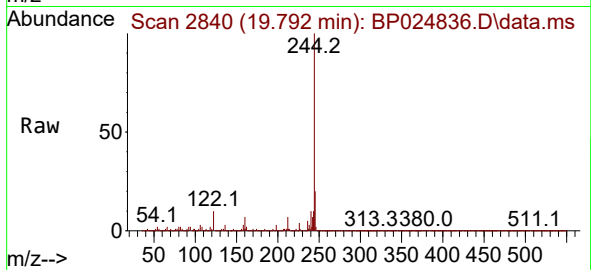
Tgt Ion:244 Resp: 1776957

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 9.5 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.774 min Scan# 3687

Delta R.T. 0.030 min

Lab File: BP024836.D

Acq: 29 May 2025 19:49

Tgt Ion:264 Resp: 841531

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 22.2 17.0 25.6

