

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)

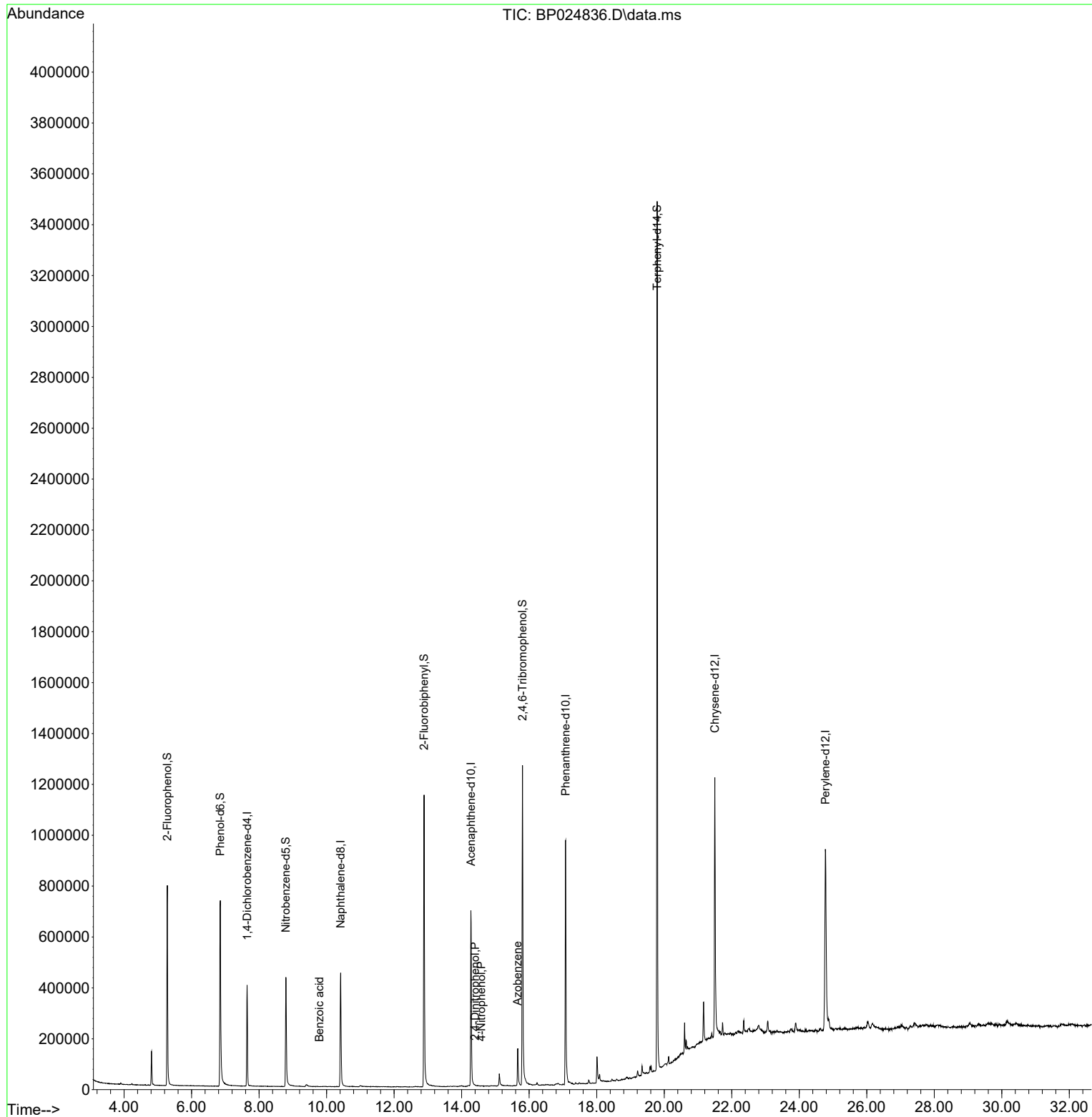
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	108350	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	434629	20.000	ng	0.00
39) Acenaphthene-d10	14.275	164	287689	20.000	ng	0.00
64) Phenanthrene-d10	17.081	188	644208	20.000	ng	0.02
76) Chrysene-d12	21.498	240	718662	20.000	ng	0.00
86) Perylene-d12	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
32) Benzoic acid	9.787	122	14	7.471	ng	# 1
54) 2,4-Dinitrophenol	14.398	184	19	6.407	ng	# 25
56) 4-Nitrophenol	14.581	139	29	4.241	ng	# 40
63) Azobenzene	15.657	77	54364	2.867	ng	# 1

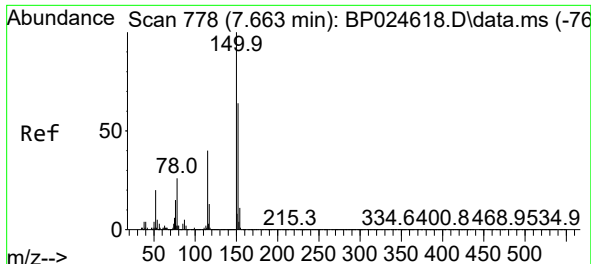
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

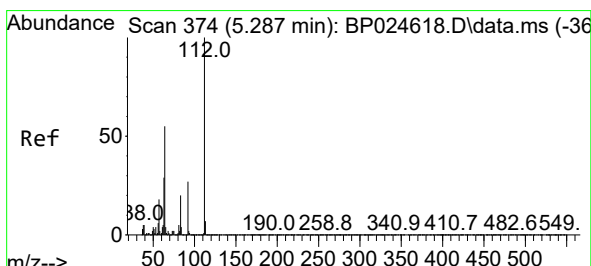
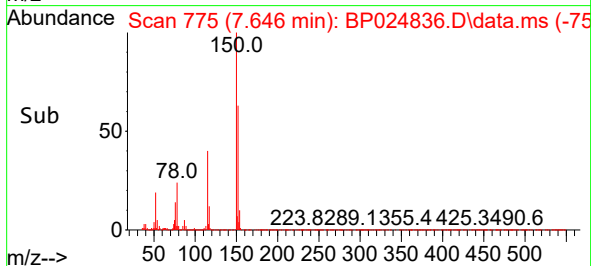
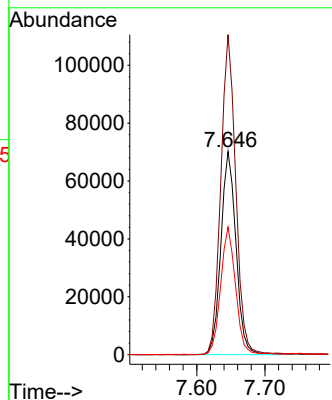
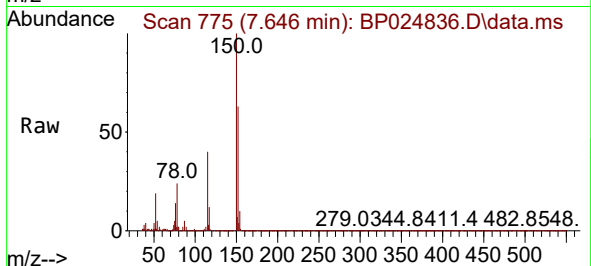




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

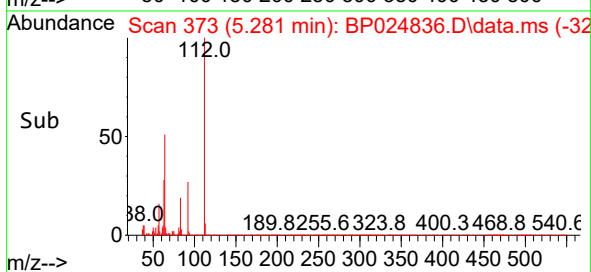
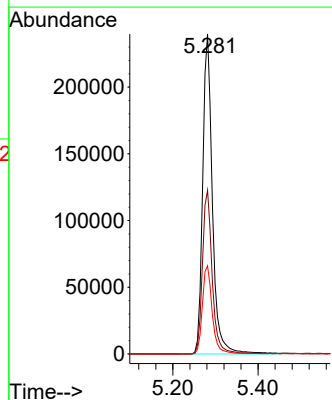
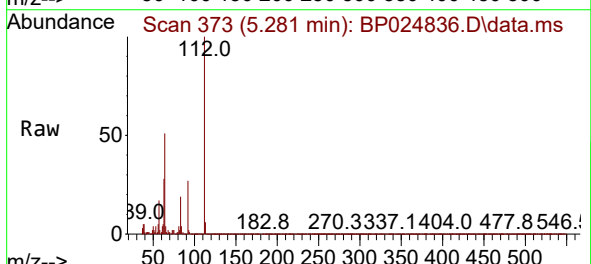
Instrument :
BNA_P
ClientSampleId :
TP04-MHN-WC

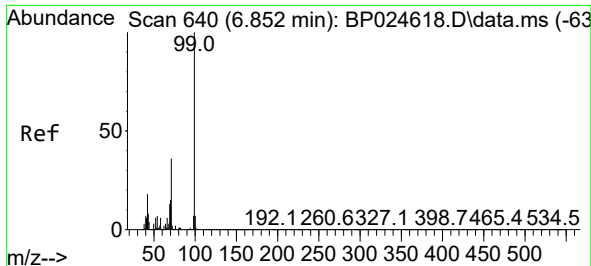
Tgt Ion:152 Resp: 108350
Ion Ratio Lower Upper
152 100
150 157.5 125.9 188.9
115 62.8 50.1 75.1



#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

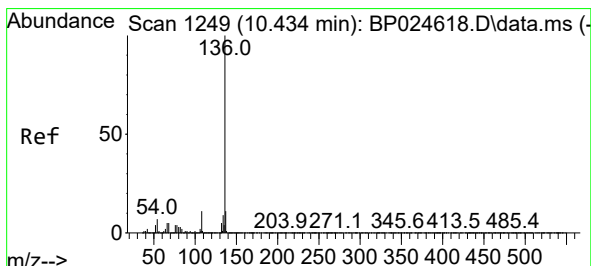
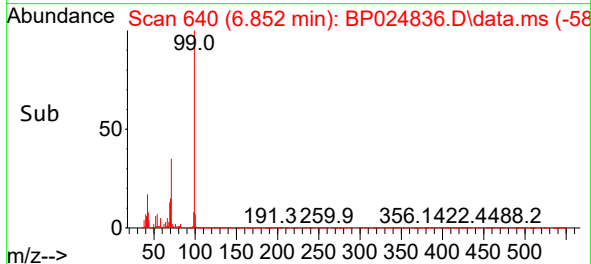
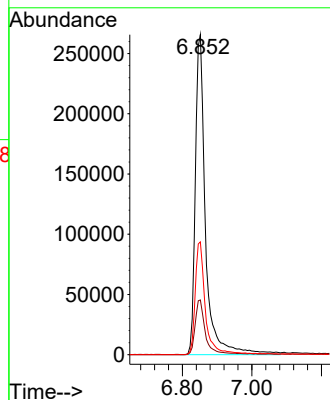
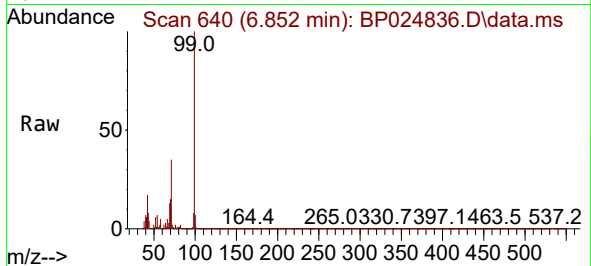




#7
Phenol-d6
Concen: 67.296 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

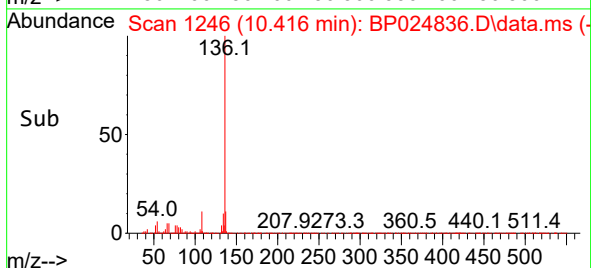
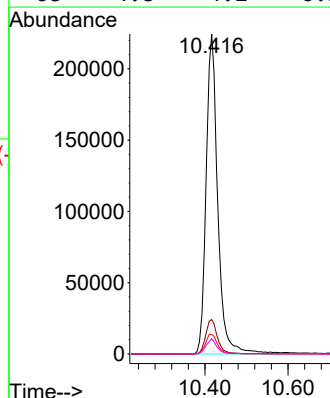
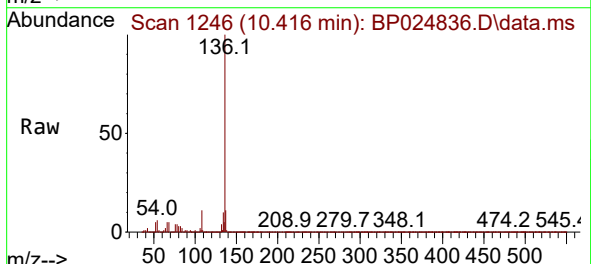
Instrument :
BNA_P
ClientSampleId :
TP04-MHN-WC

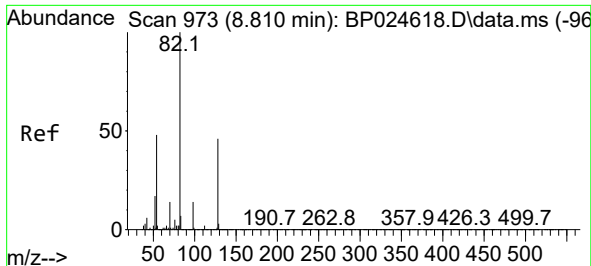
Tgt Ion: 99 Resp: 544091
Ion Ratio Lower Upper
99 100
42 17.1 14.4 21.6
71 35.3 29.2 43.8



#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

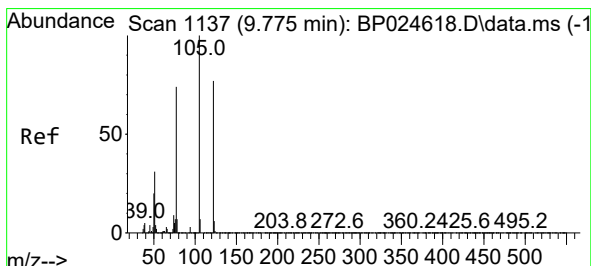
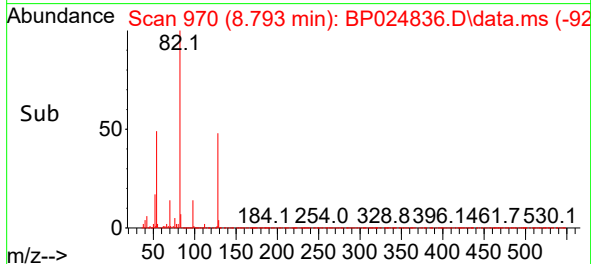
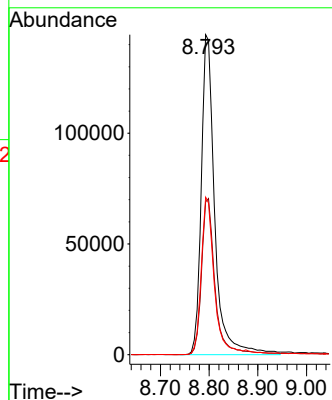
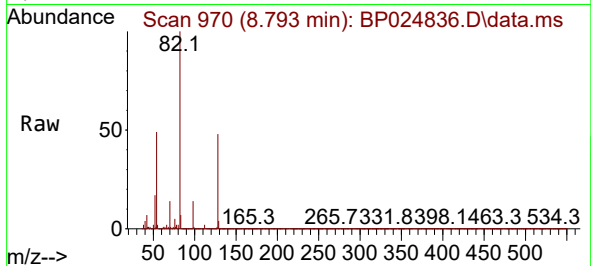




#23
Nitrobenzene-d5
Concen: 32.331 ng
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

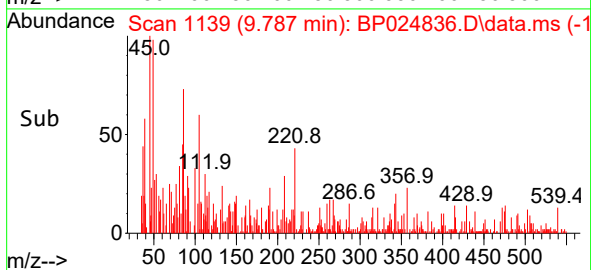
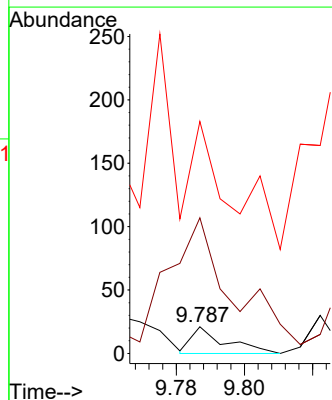
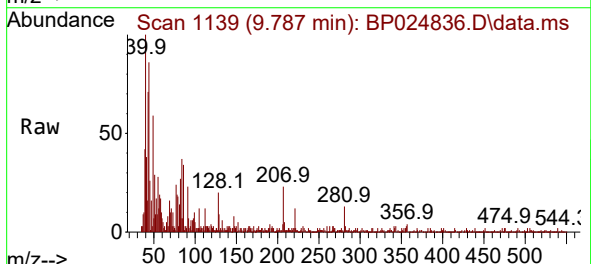
Instrument :
BNA_P
ClientSampleId :
TP04-MHN-WC

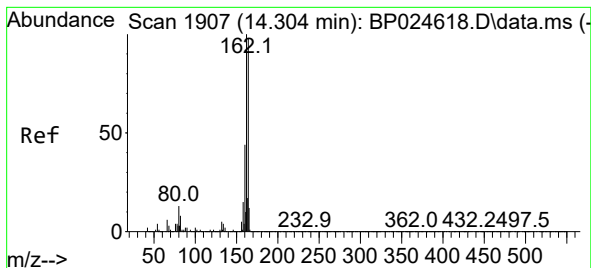
Tgt Ion: 82 Resp: 278115
Ion Ratio Lower Upper
82 100
128 47.8 37.0 55.4
54 49.2 38.7 58.1



#32
Benzoic acid
Concen: 7.471 ng
RT: 9.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

Tgt Ion:122 Resp: 14
Ion Ratio Lower Upper
122 100
105 356.7 106.9 146.9#
77 610.0 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.275 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BP024836.D

Acq: 29 May 2025 19:49

Instrument :

BNA_P

ClientSampleId :

TP04-MHN-WC

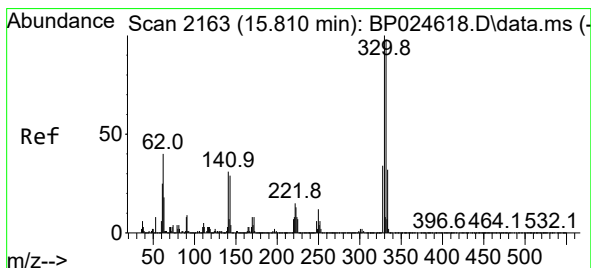
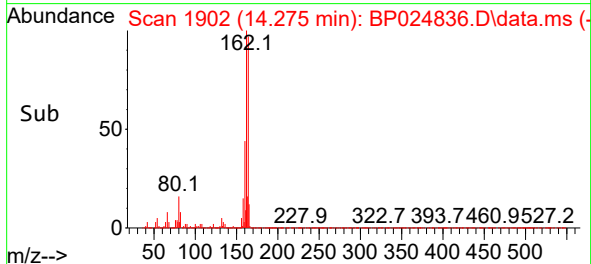
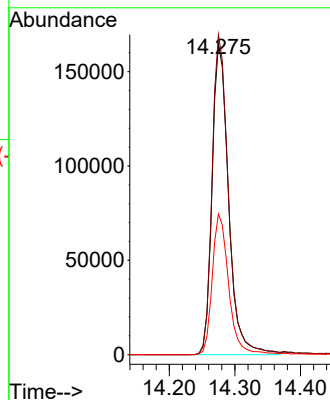
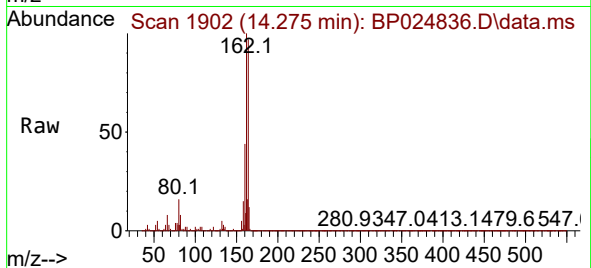
Tgt Ion:164 Resp: 287689

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

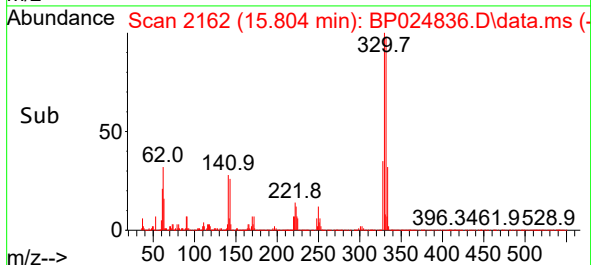
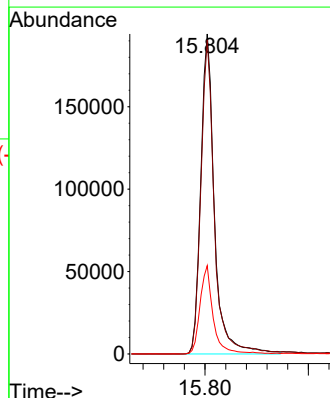
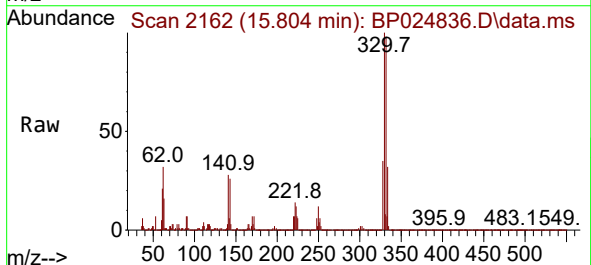
Tgt Ion:330 Resp: 357108

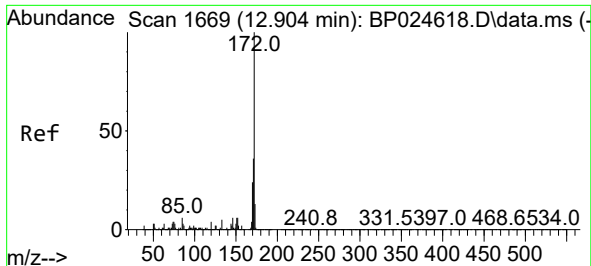
Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

141 26.7 24.3 36.5

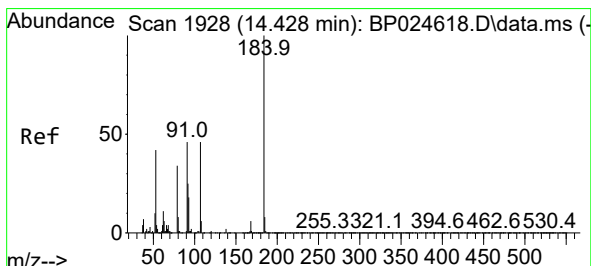
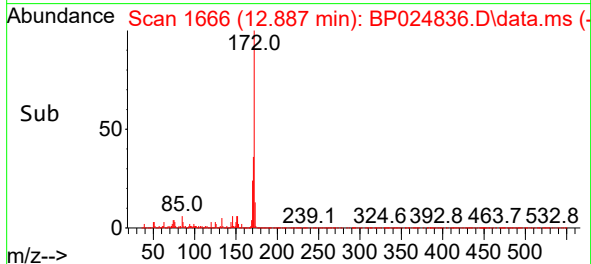
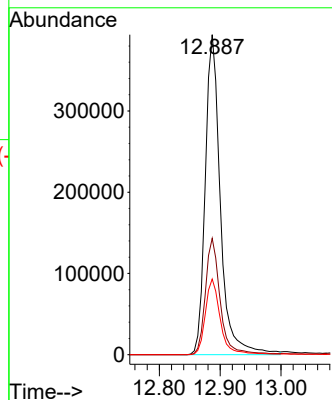
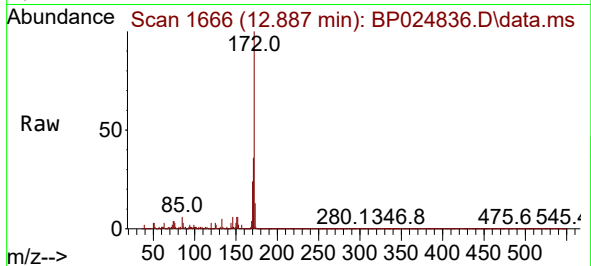




#45
2-Fluorobiphenyl
Concen: 31.017 ng
RT: 12.887 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

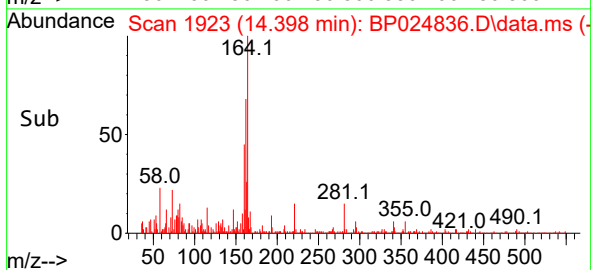
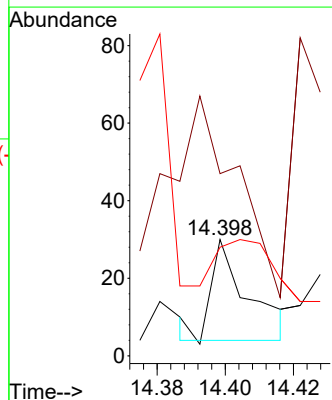
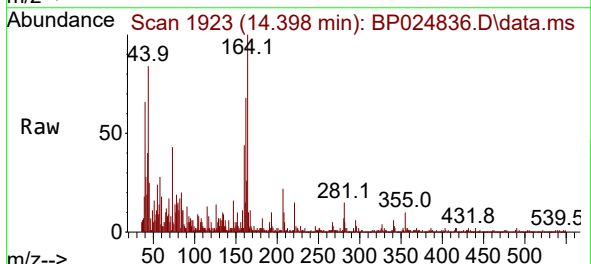
Instrument :
BNA_P
ClientSampleId :
TP04-MHN-WC

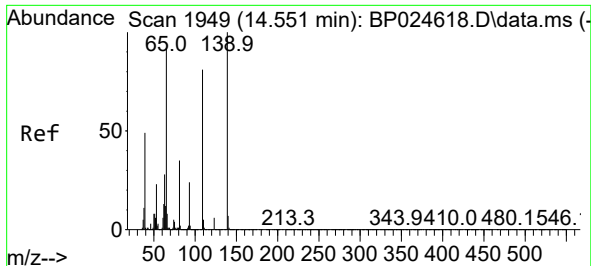
Tgt Ion:172 Resp: 681097
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 23.7 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.407 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.017 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 156.7 51.3 76.9#
154 93.3 53.5 80.3#

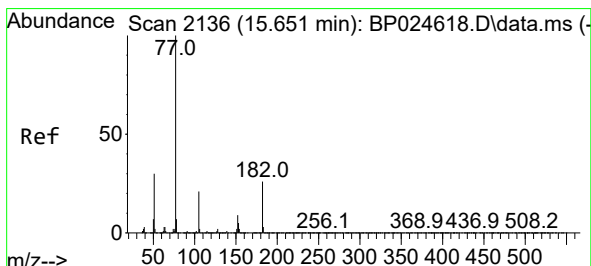
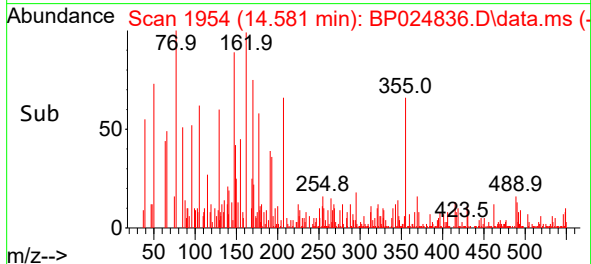
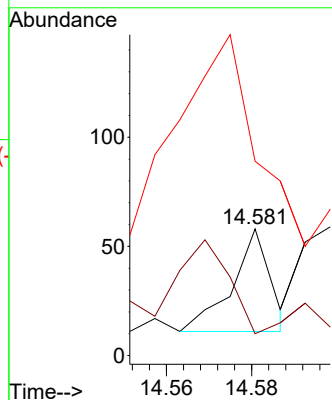
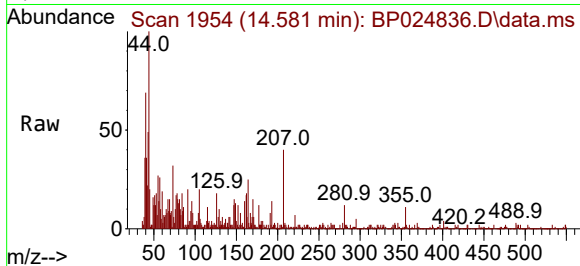




#56
4-Nitrophenol
Concen: 4.241 ng
RT: 14.581 min Scan# 1954
Delta R.T. 0.024 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

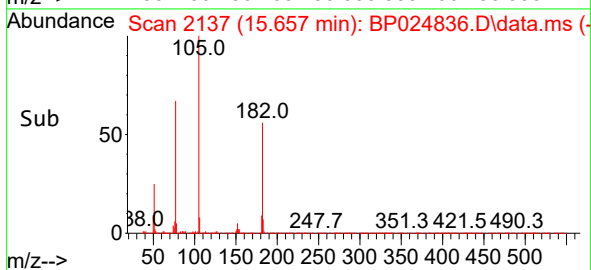
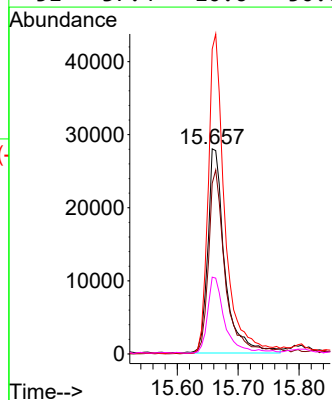
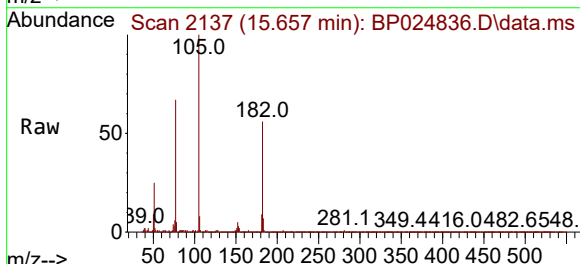
Instrument :
BNA_P
ClientSampleId :
TP04-MHN-WC

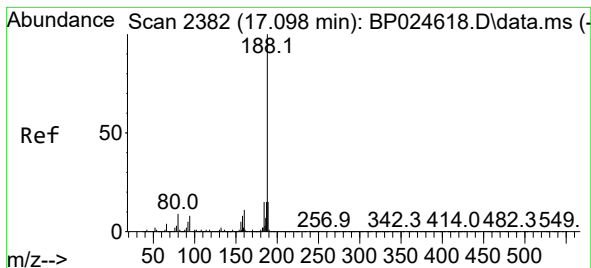
Tgt Ion:139 Resp: 29
Ion Ratio Lower Upper
139 100
109 32.8 61.4 101.4#
65 153.4 72.2 112.2#



#63
Azobenzene
Concen: 2.867 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.030 min
Lab File: BP024836.D
Acq: 29 May 2025 19:49

Tgt Ion: 77 Resp: 54364
Ion Ratio Lower Upper
77 100
182 83.1 5.7 45.7#
105 148.6 1.3 41.3#
51 37.4 10.6 50.6





#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

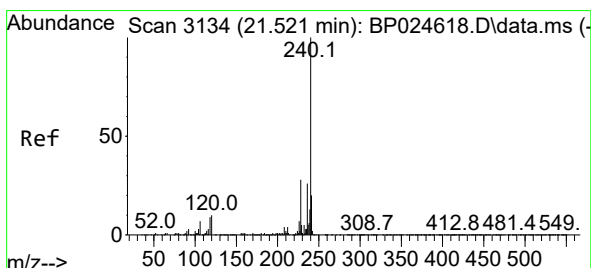
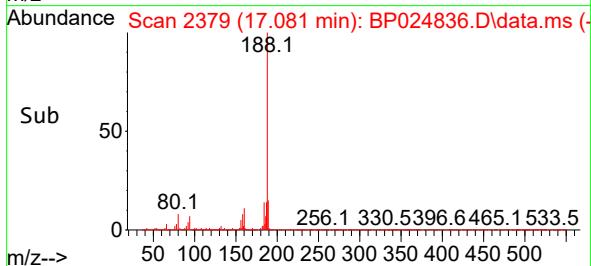
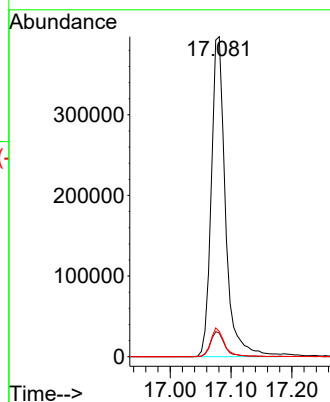
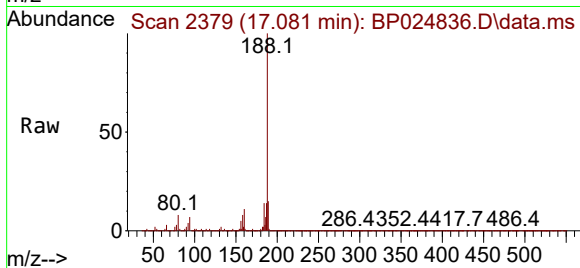
Tgt Ion:188 Resp: 644208

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

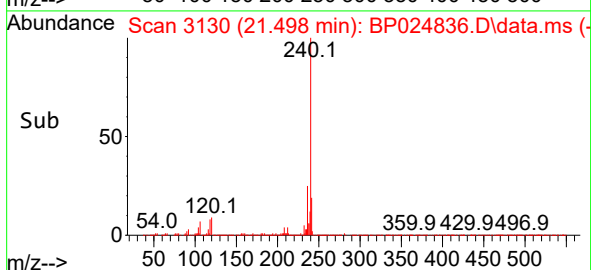
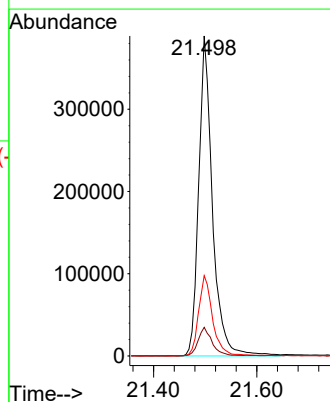
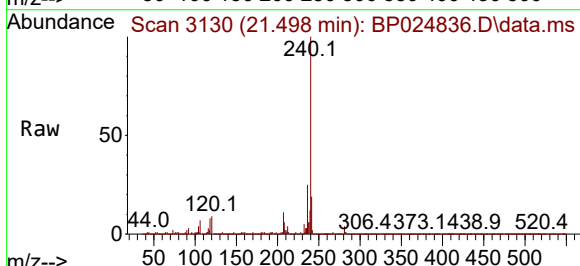
Tgt Ion:240 Resp: 718662

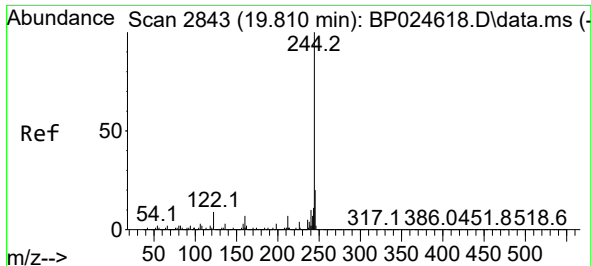
Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 25.1 20.6 31.0

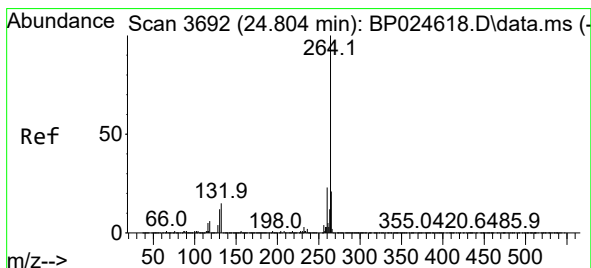
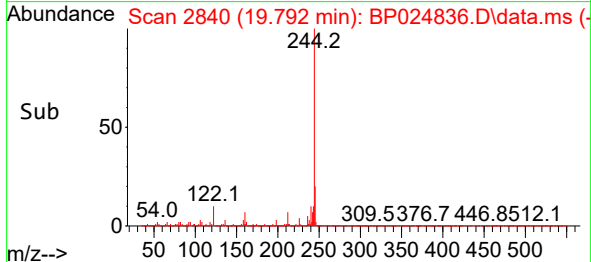
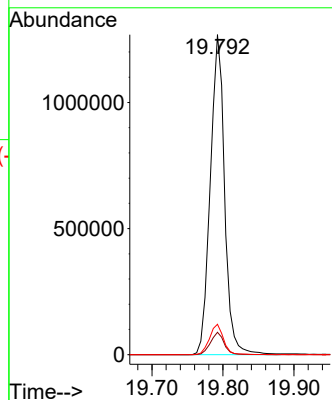
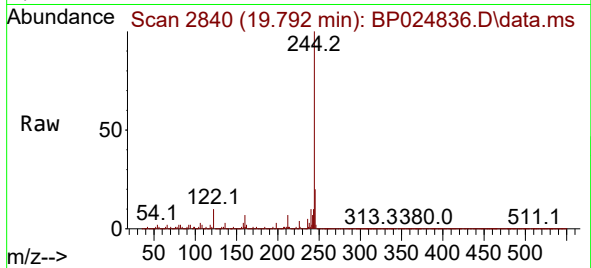




#79
 Terphenyl-d14
 Concen: 42.397 ng
 RT: 19.792 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP024836.D
 Acq: 29 May 2025 19:49

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

