

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024803.D
 Acq On : 23 May 2025 21:54
 Operator : RC/JU
 Sample : Q2095-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WCS-TP2

Quant Time: May 24 00:04:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

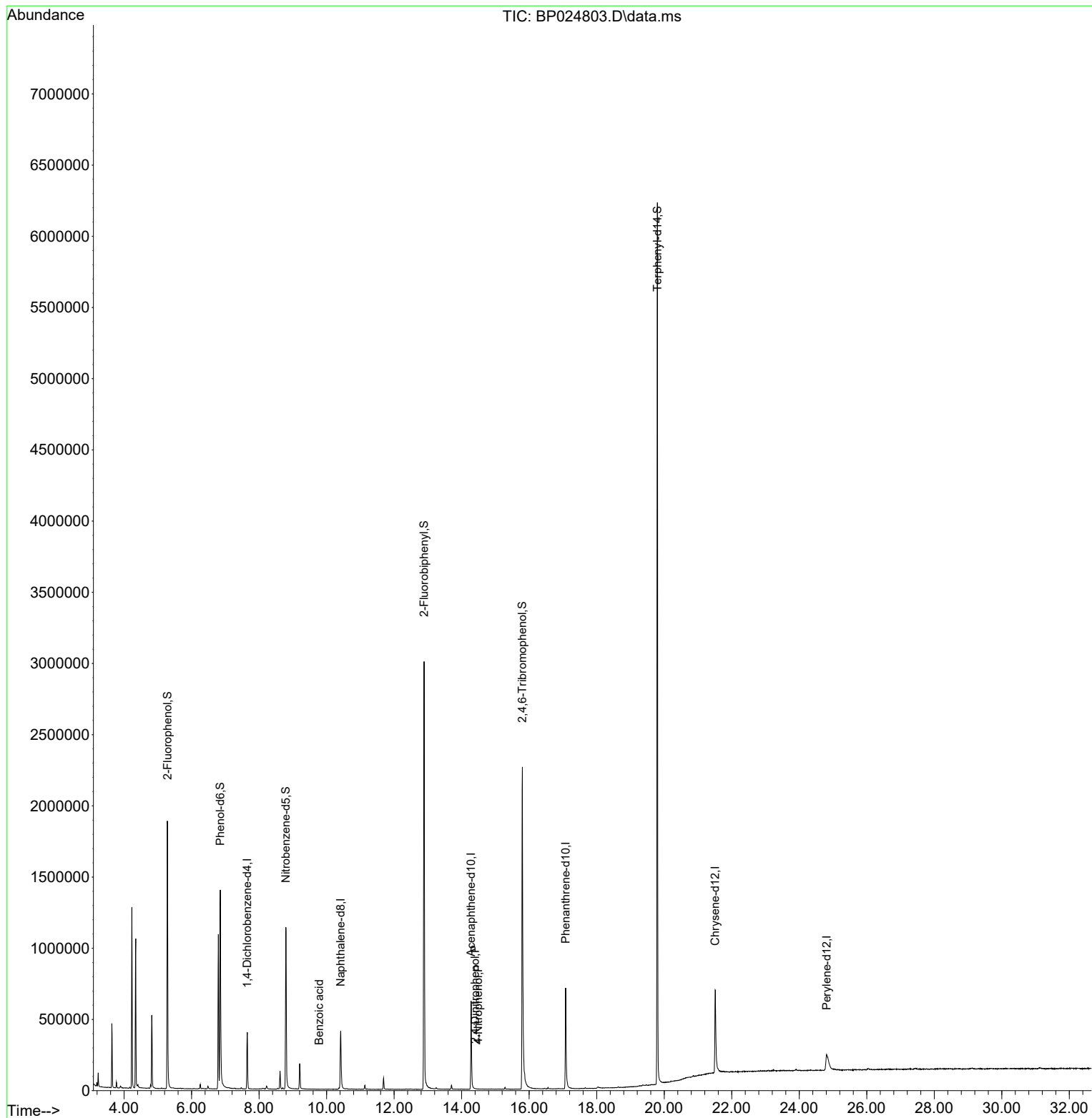
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	109823	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	419807	20.000	ng	#-0.02
39) Acenaphthene-d10	14.281	164	221232	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	510682	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	427701	20.000	ng	-0.01
86) Perylene-d12	24.810	264	98457	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	843120	131.306	ng	0.00
7) Phenol-d6	6.852	99	844214	103.016	ng	0.00
23) Nitrobenzene-d5	8.793	82	659009	79.316	ng	-0.02
42) 2,4,6-Tribromophenol	15.798	330	704147	187.746	ng	-0.01
45) 2-Fluorobiphenyl	12.887	172	1710976	101.323	ng	-0.02
79) Terphenyl-d14	19.798	244	2969148	119.036	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.781	122	27	7.474	ng	# 1
54) 2,4-Dinitrophenol	14.393	184	23	6.410	ng	# 1
56) 4-Nitrophenol	14.493	139	18	4.240	ng	93

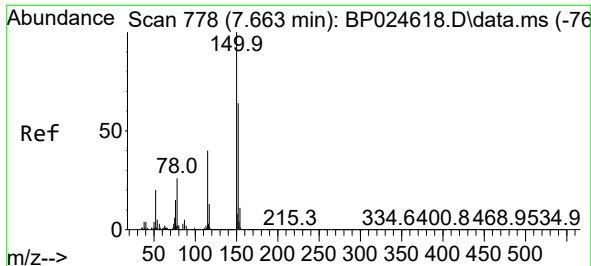
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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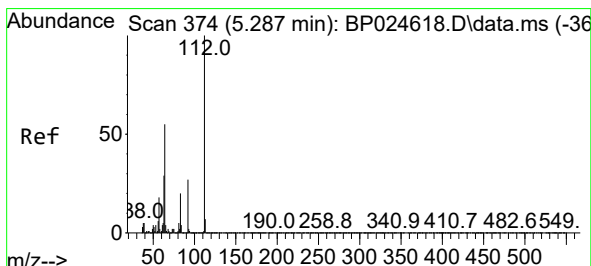
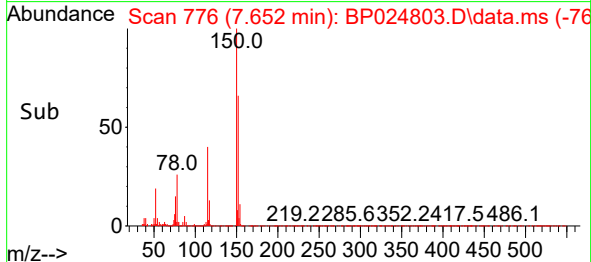
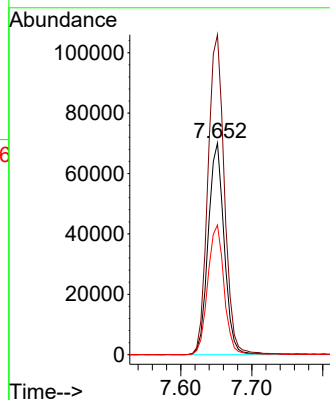
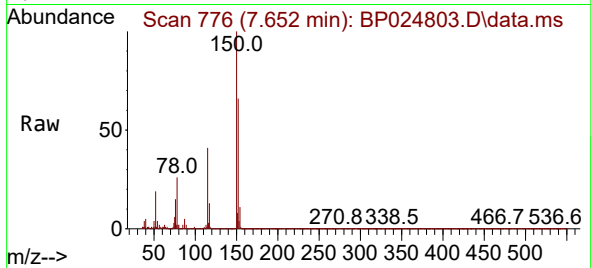




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024803.D
Acq: 23 May 2025 21:54

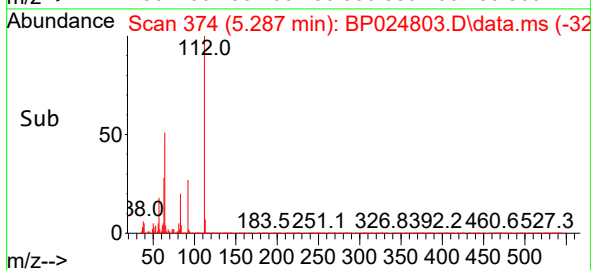
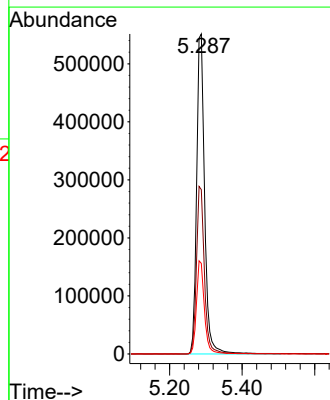
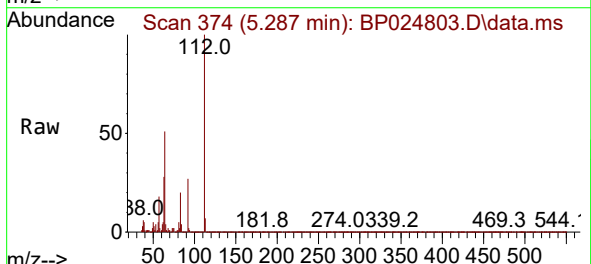
Instrument :
BNA_P
ClientSampleId :
WCS-TP2

Tgt Ion:152 Resp: 109823
Ion Ratio Lower Upper
152 100
150 151.2 125.9 188.9
115 61.3 50.1 75.1



#5
2-Fluorophenol
Concen: 131.306 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024803.D
Acq: 23 May 2025 21:54

Tgt Ion:112 Resp: 843120
Ion Ratio Lower Upper
112 100
64 51.3 44.1 66.1
63 28.3 23.5 35.3

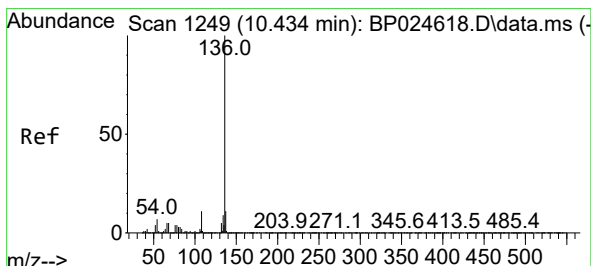
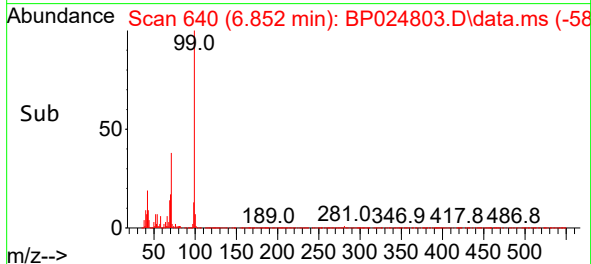
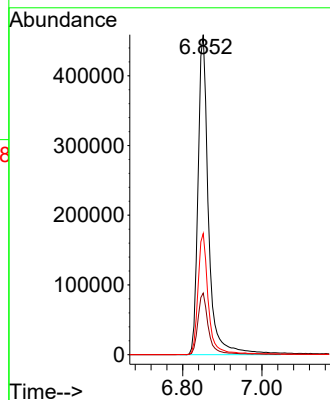
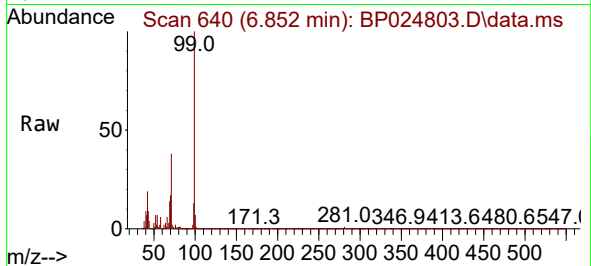




#7
Phenol-d6
Concen: 103.016 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024803.D
Acq: 23 May 2025 21:54

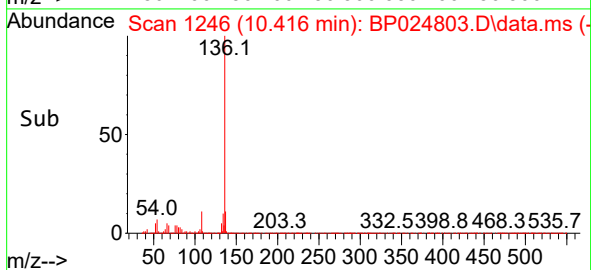
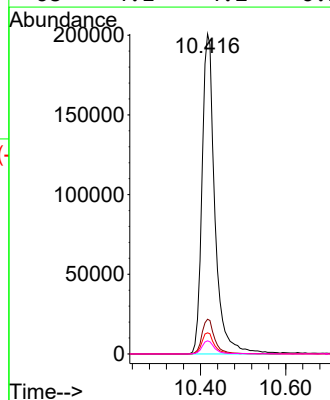
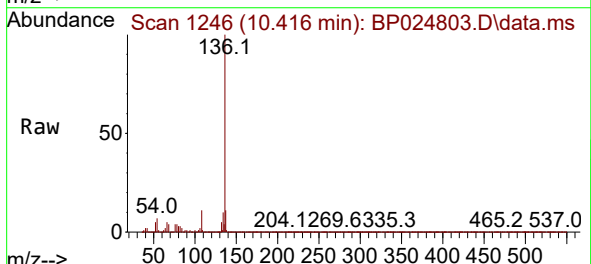
Instrument :
BNA_P
ClientSampleId :
WCS-TP2

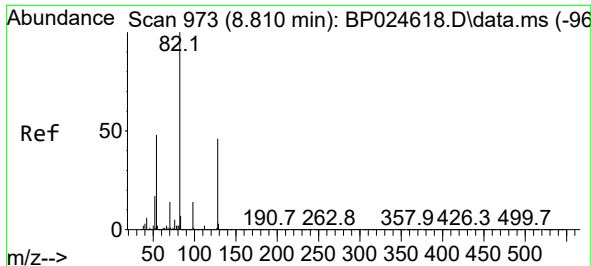
Tgt Ion: 99 Resp: 844214
Ion Ratio Lower Upper
99 100
42 19.3 14.4 21.6
71 37.8 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024803.D
Acq: 23 May 2025 21:54

Tgt Ion: 136 Resp: 419807
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.6 5.5 8.3
68 4.1 4.2 6.2#

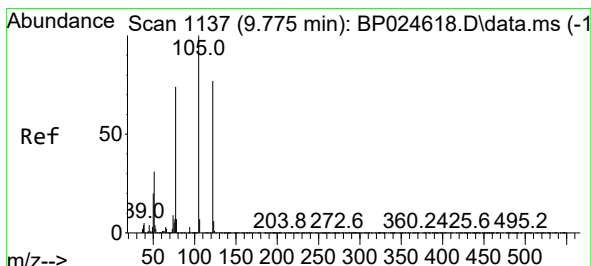
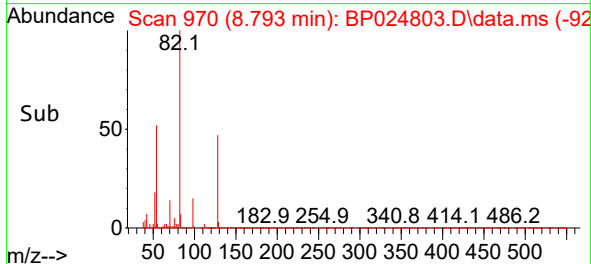
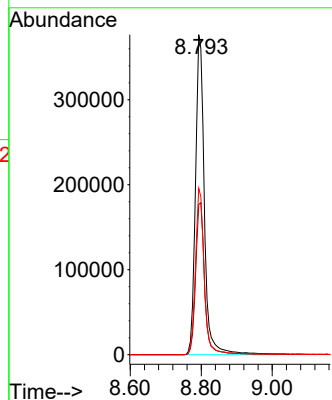
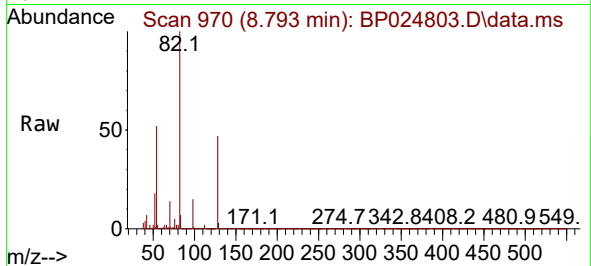




#23
Nitrobenzene-d5
Concen: 79.316 ng
RT: 8.793 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP024803.D
Acq: 23 May 2025 21:54

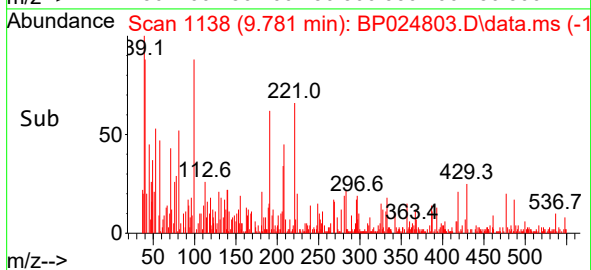
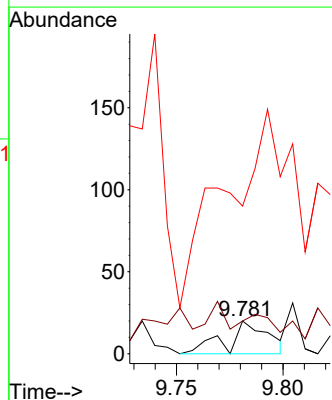
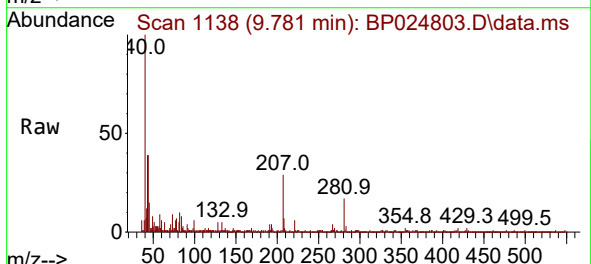
Instrument :
BNA_P
ClientSampleId :
WCS-TP2

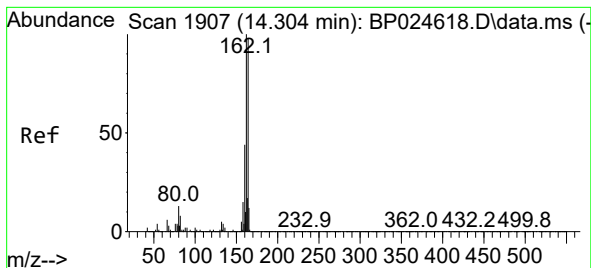
Tgt Ion: 82 Resp: 659009
Ion Ratio Lower Upper
82 100
128 47.0 37.0 55.4
54 52.0 38.7 58.1



#32
Benzoic acid
Concen: 7.474 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP024803.D
Acq: 23 May 2025 21:54

Tgt Ion: 122 Resp: 27
Ion Ratio Lower Upper
122 100
105 100.0 106.9 146.9#
77 450.0 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.281 min Scan# 1903

Delta R.T. -0.023 min

Lab File: BP024803.D

Acq: 23 May 2025 21:54

Instrument :

BNA_P

ClientSampleId :

WCS-TP2

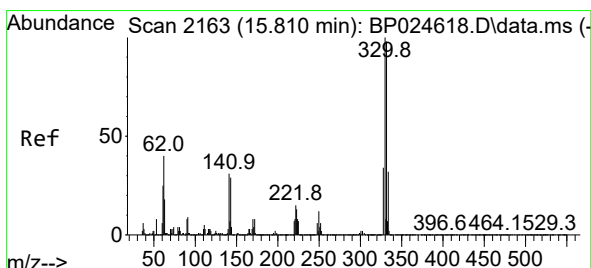
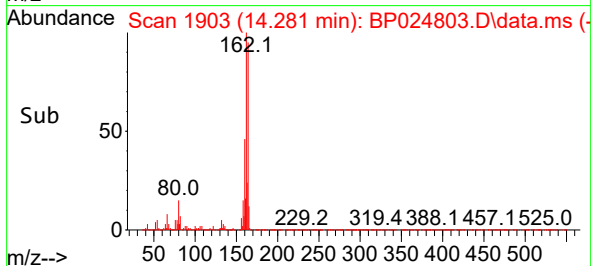
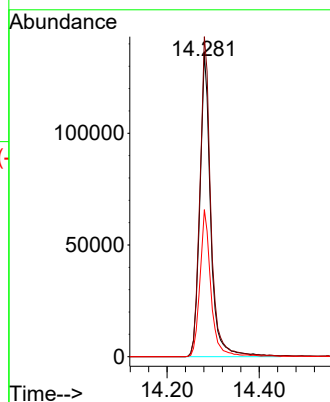
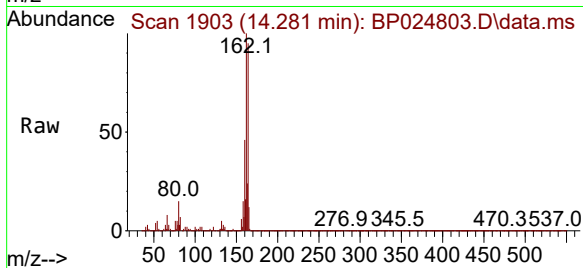
Tgt Ion:164 Resp: 221232

Ion Ratio Lower Upper

164 100

162 105.6 81.8 122.6

160 48.5 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 187.746 ng

RT: 15.798 min Scan# 2161

Delta R.T. -0.012 min

Lab File: BP024803.D

Acq: 23 May 2025 21:54

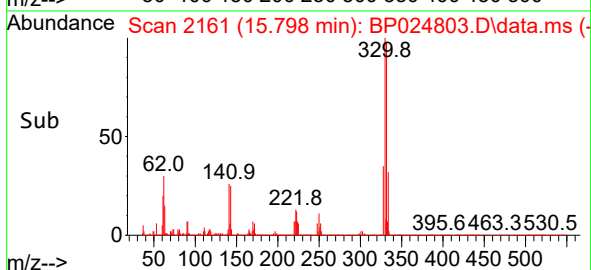
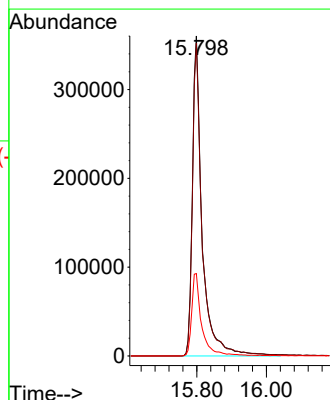
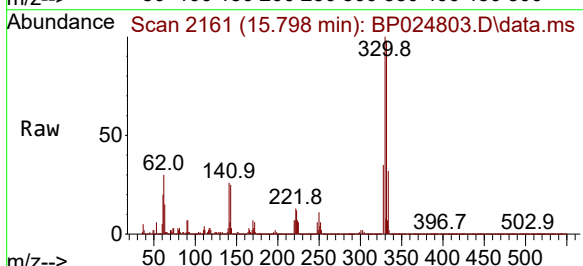
Tgt Ion:330 Resp: 704147

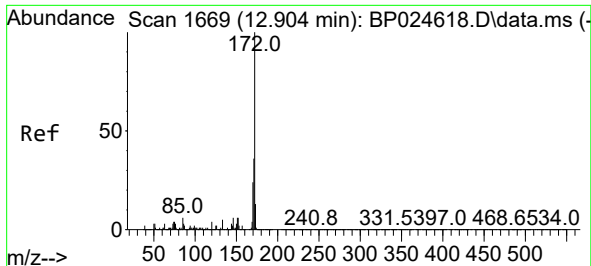
Ion Ratio Lower Upper

330 100

332 97.8 78.2 117.4

141 26.1 24.3 36.5

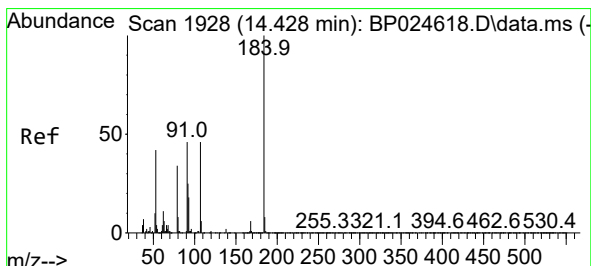
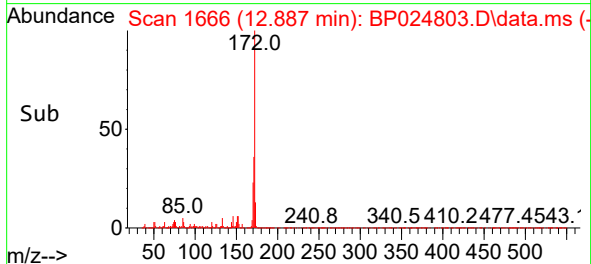
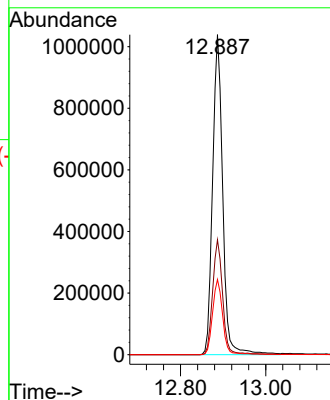
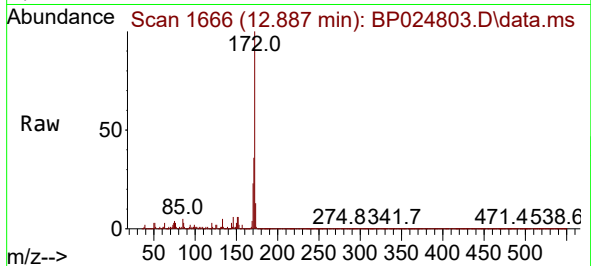




#45
2-Fluorobiphenyl
Concen: 101.323 ng
RT: 12.887 min Scan# 1666
Delta R.T. -0.018 min
Lab File: BP024803.D
Acq: 23 May 2025 21:54

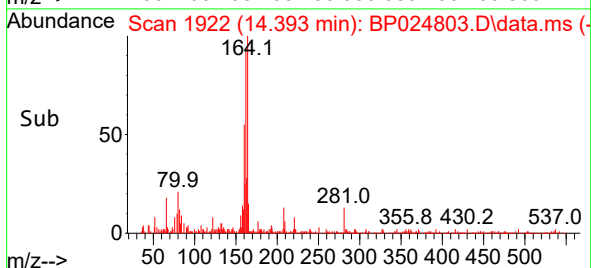
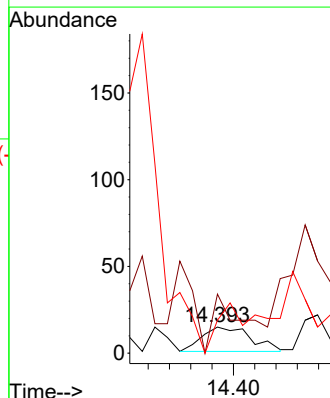
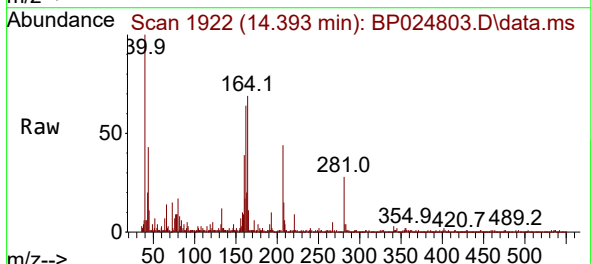
Instrument :
BNA_P
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WCS-TP2

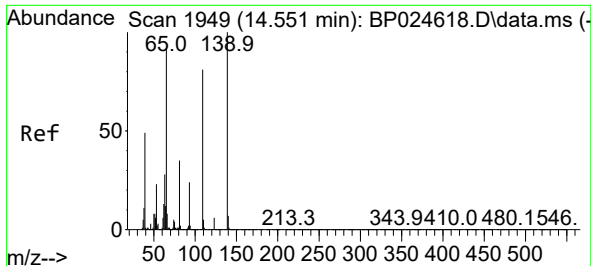
Tgt Ion:172 Resp: 1710976
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.5 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.410 ng
RT: 14.393 min Scan# 1922
Delta R.T. -0.035 min
Lab File: BP024803.D
Acq: 23 May 2025 21:54

Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 212.5 51.3 76.9#
154 118.8 53.5 80.3#

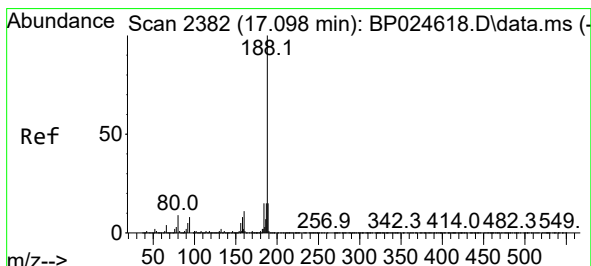
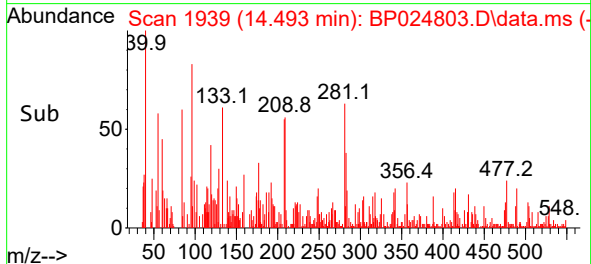
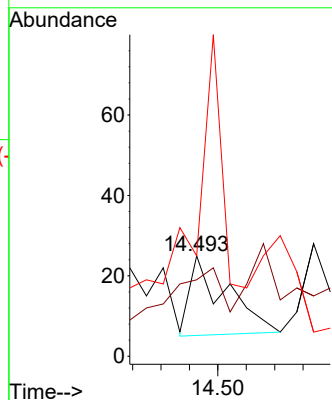
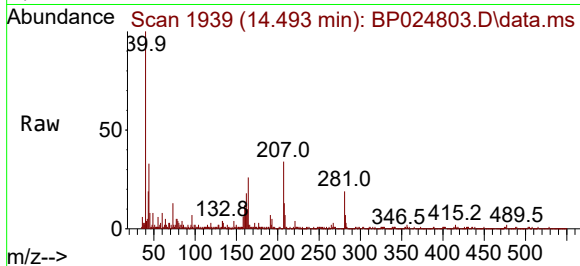




#56
4-Nitrophenol
Concen: 4.240 ng
RT: 14.493 min Scan# 1949
Delta R.T. -0.058 min
Lab File: BP024803.D
Acq: 23 May 2025 21:54

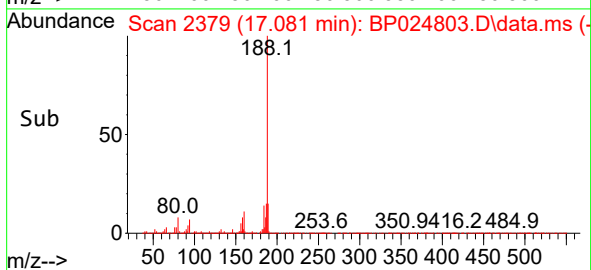
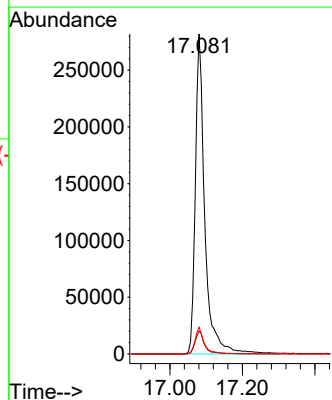
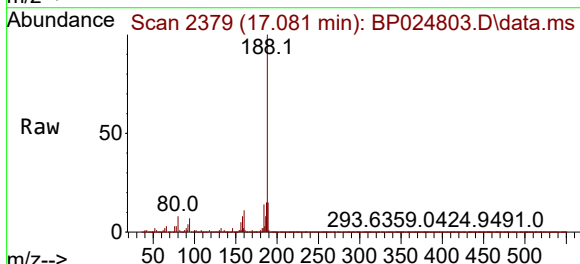
Instrument :
BNA_P
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WCS-TP2

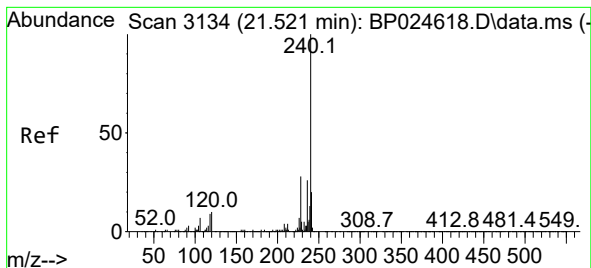
Tgt Ion:139 Resp: 18
Ion Ratio Lower Upper
139 100
109 76.0 61.4 101.4
65 100.0 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024803.D
Acq: 23 May 2025 21:54

Tgt Ion:188 Resp: 510682
Ion Ratio Lower Upper
188 100
94 7.1 6.5 9.7
80 8.4 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3134

Delta R.T. -0.012 min

Lab File: BP024803.D

Acq: 23 May 2025 21:54

Instrument :

BNA_P

ClientSampleId :

WCS-TP2

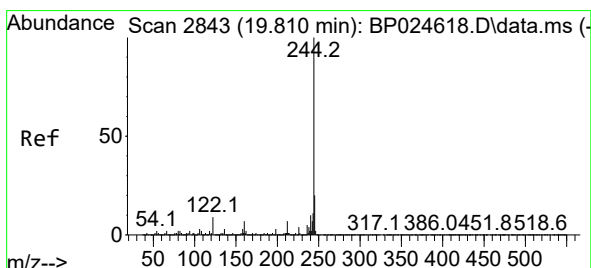
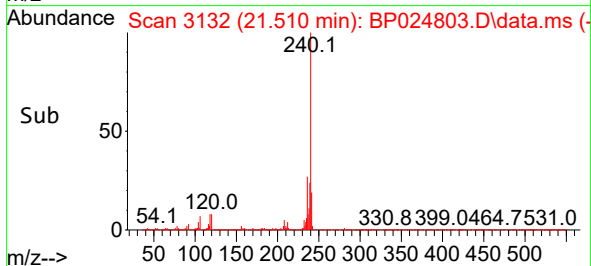
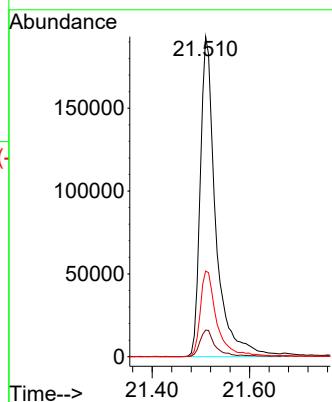
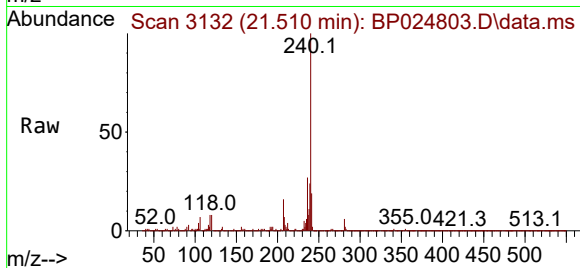
Tgt Ion:240 Resp: 427701

Ion Ratio Lower Upper

240 100

120 8.3 7.8 11.6

236 26.8 20.6 31.0



#79

Terphenyl-d14

Concen: 119.036 ng

RT: 19.798 min Scan# 2841

Delta R.T. -0.012 min

Lab File: BP024803.D

Acq: 23 May 2025 21:54

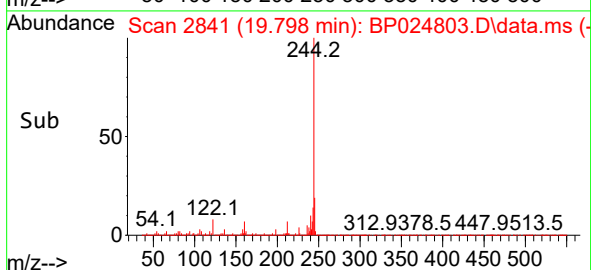
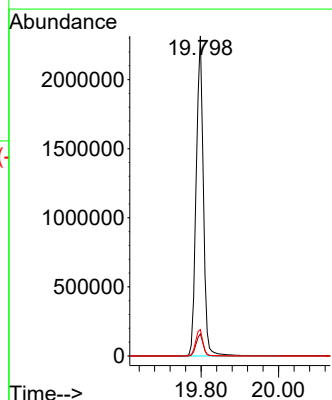
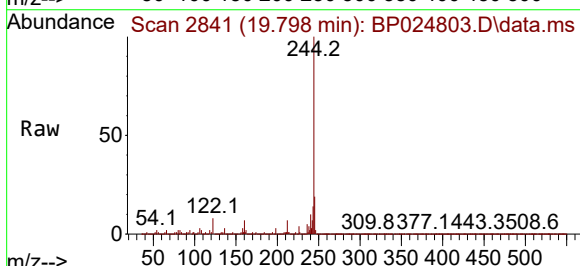
Tgt Ion:244 Resp: 2969148

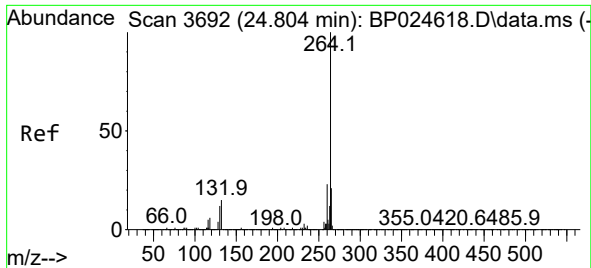
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 8.3 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.810 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BP024803.D
 Acq: 23 May 2025 21:54

Instrument :
 BNA_P
 ClientSampleId :
 WCS-TP2

Tgt Ion:264 Resp: 98457
 Ion Ratio Lower Upper
 264 100
 260 39.8 18.7 28.1#
 265 25.9 17.0 25.6#

