

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
 Data File : BP024746.D
 Acq On : 21 May 2025 20:57
 Operator : RC/JU
 Sample : Q2071-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L1-WC-7

Quant Time: May 22 03:04:33 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)

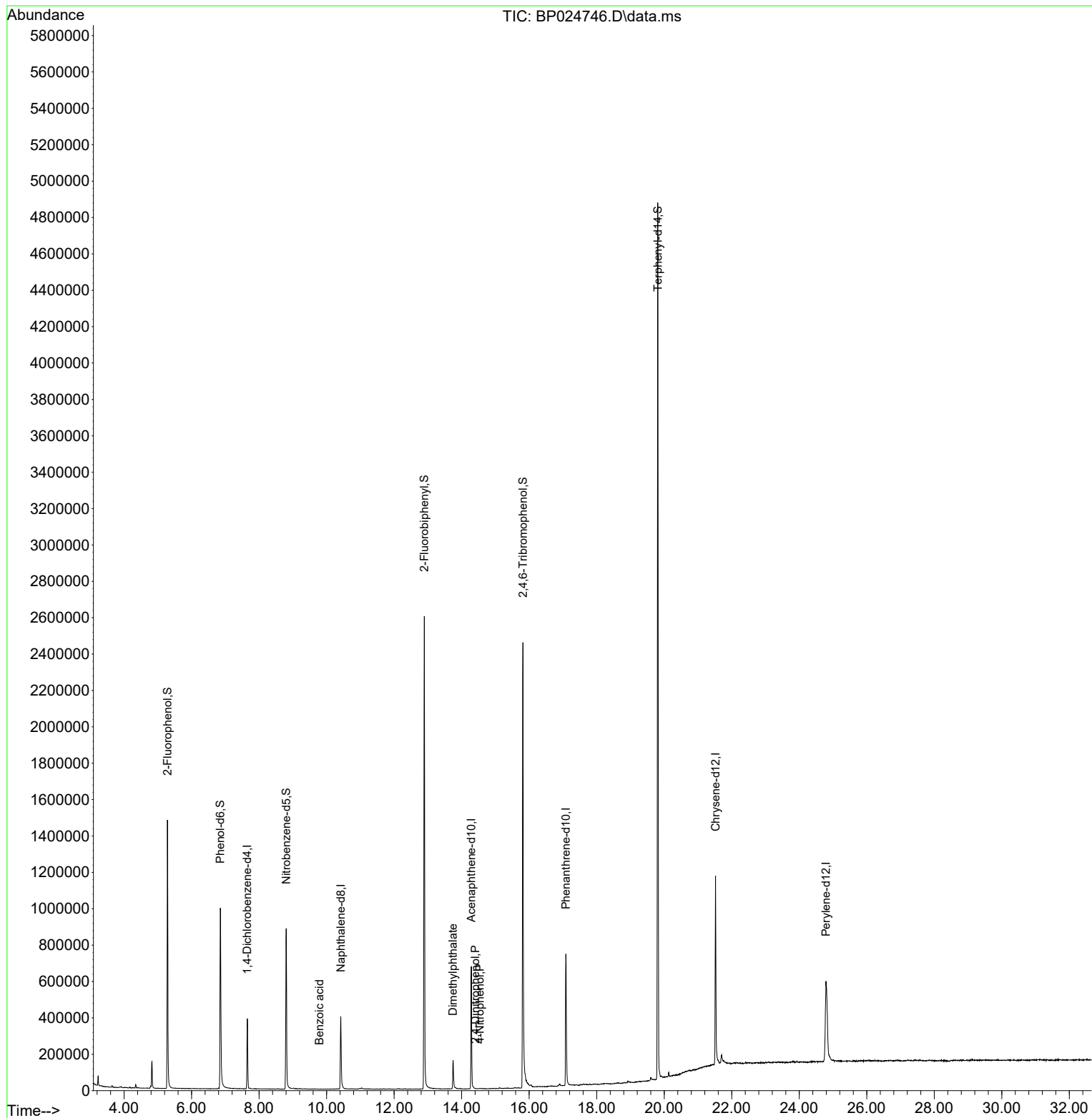
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	103530	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	377089	20.000	ng	#-0.01
39) Acenaphthene-d10	14.287	164	245211	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	521177	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	623427	20.000	ng	0.00
86) Perylene-d12	24.792	264	734583	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	650435	107.455	ng	0.00
7) Phenol-d6	6.852	99	693153	89.724	ng	0.00
23) Nitrobenzene-d5	8.805	82	519893	69.661	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	632831	152.231	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1415658	75.636	ng	-0.01
79) Terphenyl-d14	19.810	244	2751574	75.680	ng	0.00
Target Compounds						
32) Benzoic acid	9.787	122	31	7.475	ng	# 1
50) Dimethylphthalate	13.745	163	136633	7.310	ng	99
54) 2,4-Dinitrophenol	14.404	184	5	6.403	ng	# 1
56) 4-Nitrophenol	14.540	139	28	4.242	ng	# 1

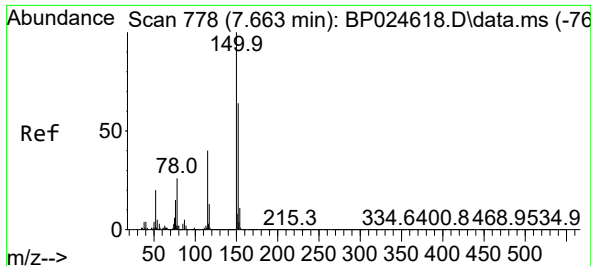
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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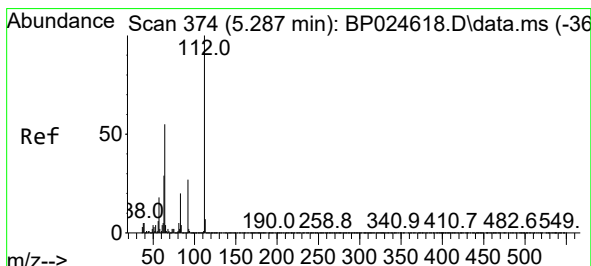
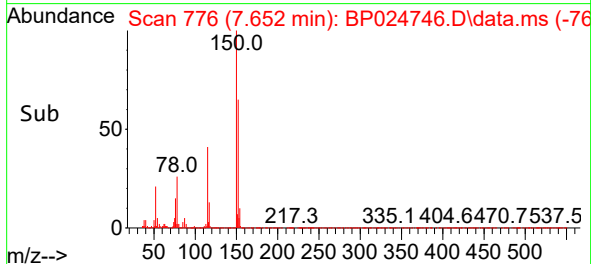
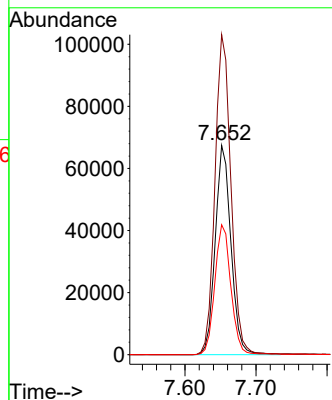
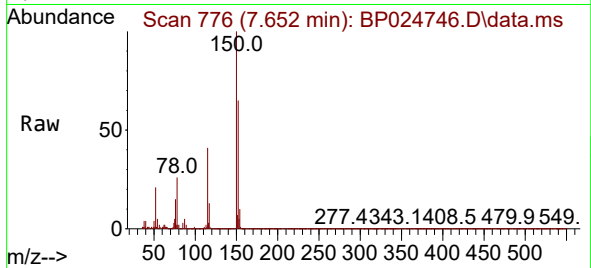




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.011 min
Lab File: BP024746.D
Acq: 21 May 2025 20:57

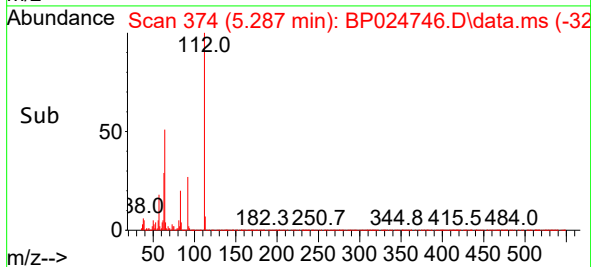
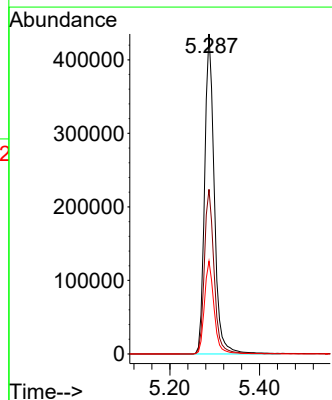
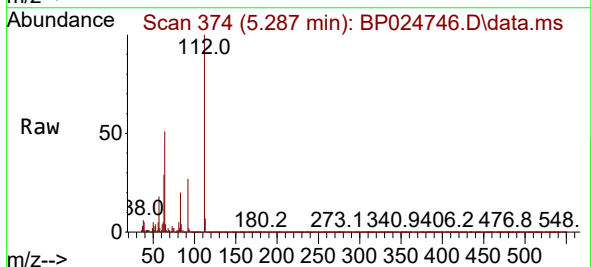
Instrument :
BNA_P
ClientSampleId :
L1-WC-7

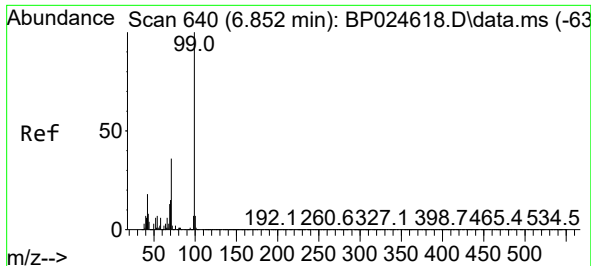
Tgt Ion:152 Resp: 103530
Ion Ratio Lower Upper
152 100
150 152.9 125.9 188.9
115 62.1 50.1 75.1



#5
2-Fluorophenol
Concen: 107.455 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024746.D
Acq: 21 May 2025 20:57

Tgt Ion:112 Resp: 650435
Ion Ratio Lower Upper
112 100
64 51.4 44.1 66.1
63 29.0 23.5 35.3

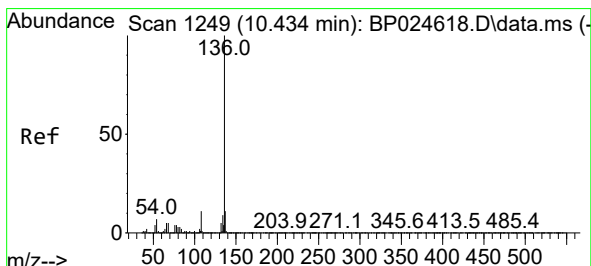
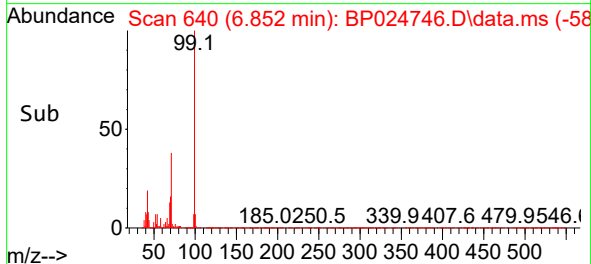
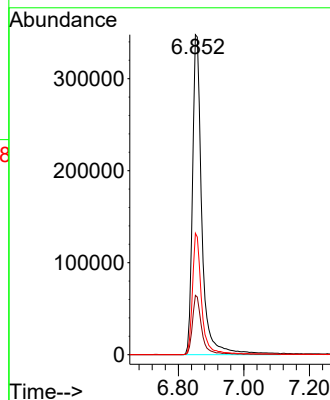
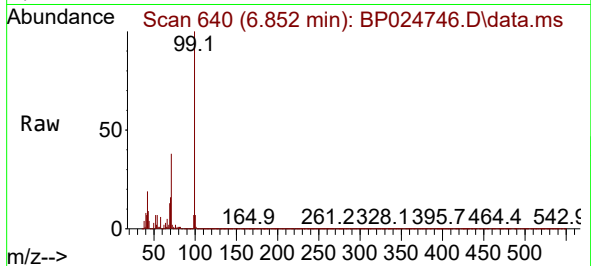




#7
Phenol-d6
Concen: 89.724 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024746.D
Acq: 21 May 2025 20:57

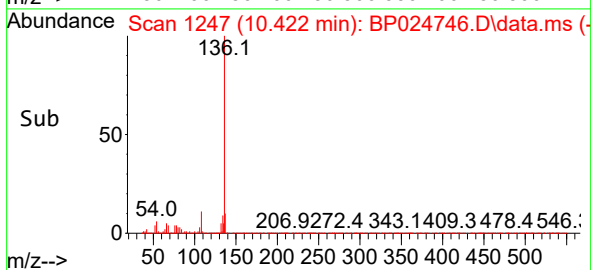
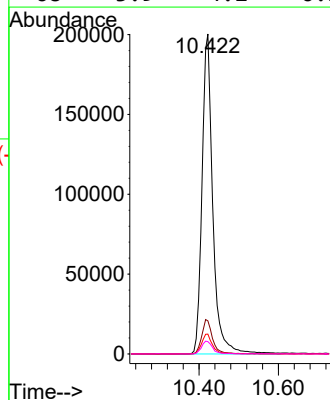
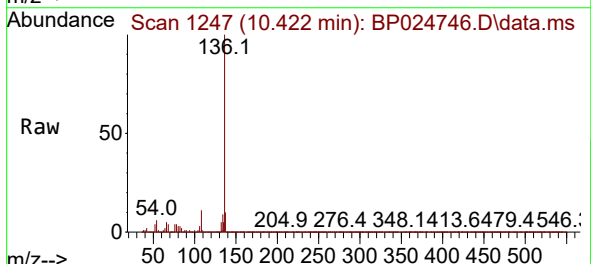
Instrument :
BNA_P
ClientSampleId :
L1-WC-7

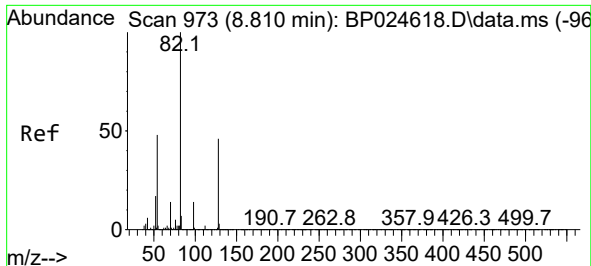
Tgt Ion: 99 Resp: 693153
Ion Ratio Lower Upper
99 100
42 18.6 14.4 21.6
71 37.9 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024746.D
Acq: 21 May 2025 20:57

Tgt Ion: 136 Resp: 377089
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 6.2 5.5 8.3
68 3.9 4.2 6.2#

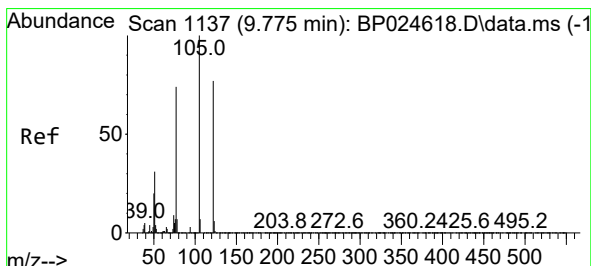
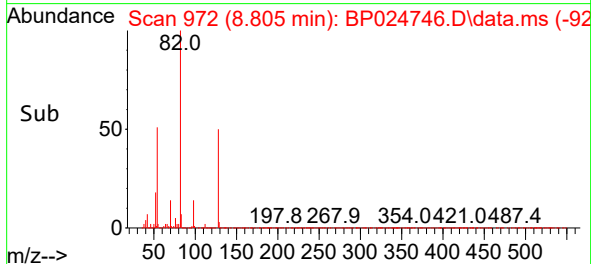
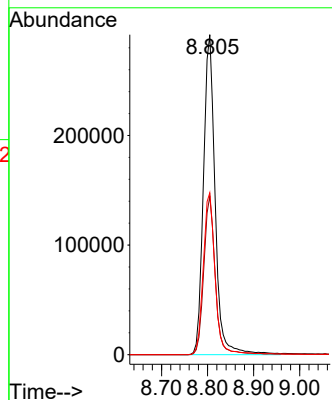
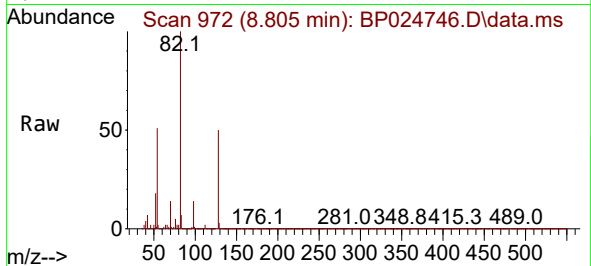




#23
Nitrobenzene-d5
Concen: 69.661 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024746.D
Acq: 21 May 2025 20:57

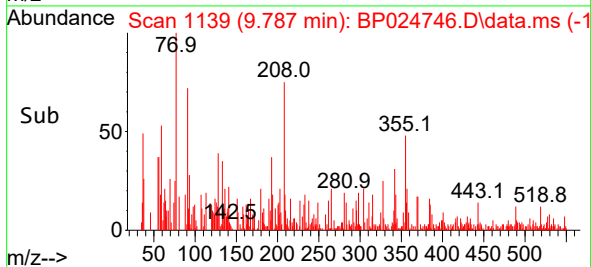
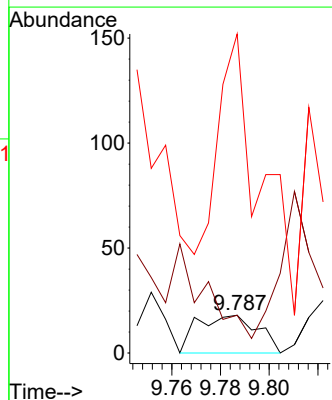
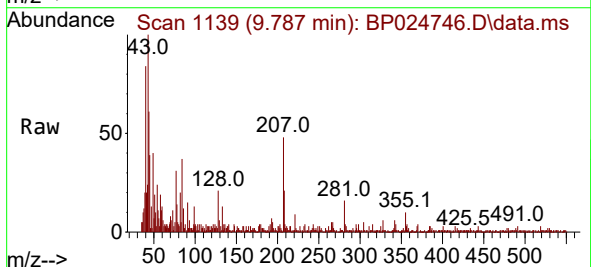
Instrument :
BNA_P
ClientSampleId :
L1-WC-7

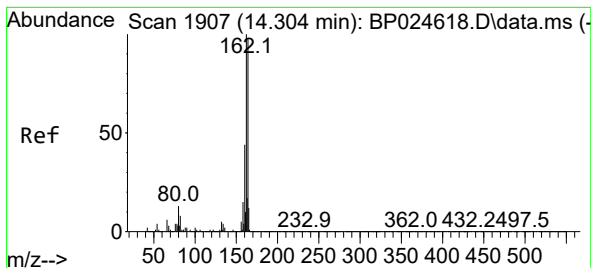
Tgt Ion: 82 Resp: 519893
Ion Ratio Lower Upper
82 100
128 49.6 37.0 55.4
54 50.6 38.7 58.1



#32
Benzoic acid
Concen: 7.475 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024746.D
Acq: 21 May 2025 20:57

Tgt Ion:122 Resp: 31
Ion Ratio Lower Upper
122 100
105 100.0 106.9 146.9#
77 844.4 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024746.D

Acq: 21 May 2025 20:57

Instrument :

BNA_P

ClientSampleId :

L1-WC-7

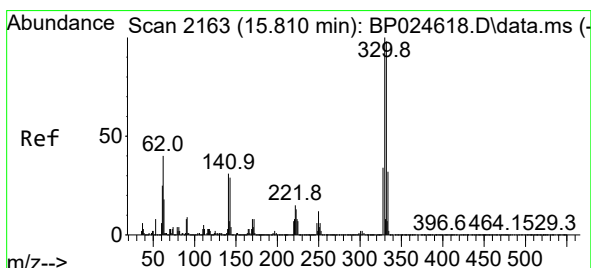
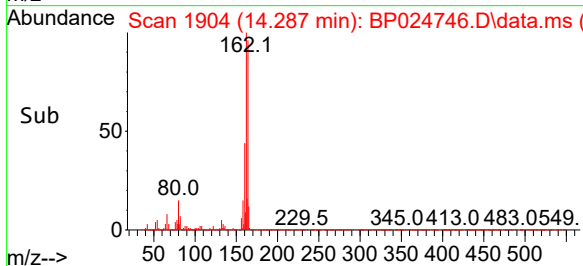
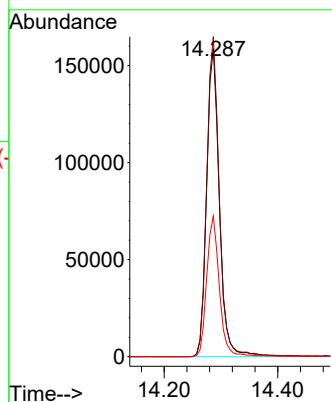
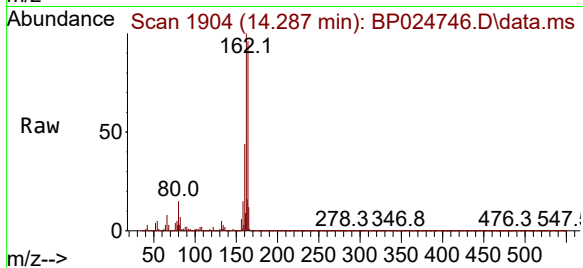
Tgt Ion:164 Resp: 245211

Ion Ratio Lower Upper

164 100

162 103.9 81.8 122.6

160 45.7 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 152.231 ng

RT: 15.816 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BP024746.D

Acq: 21 May 2025 20:57

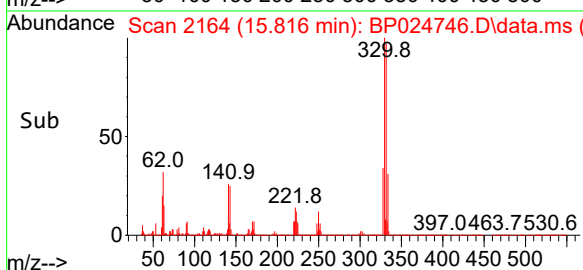
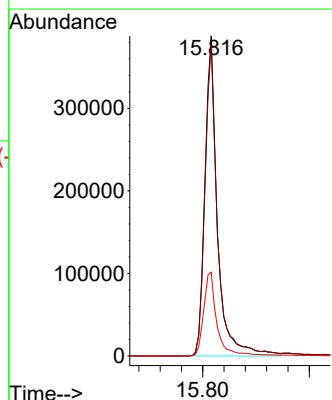
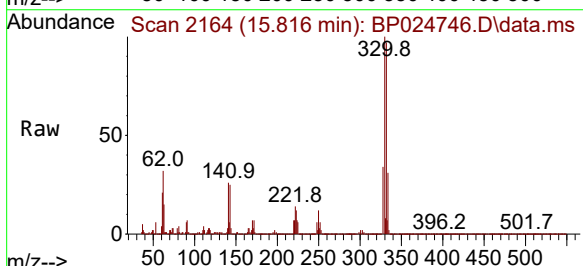
Tgt Ion:330 Resp: 632831

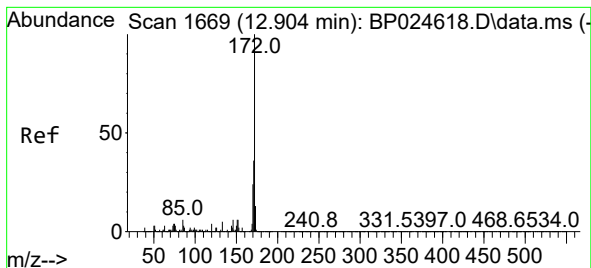
Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

141 28.0 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 75.636 ng

RT: 12.893 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024746.D

Acq: 21 May 2025 20:57

Instrument :

BNA_P

ClientSampleId :

L1-WC-7

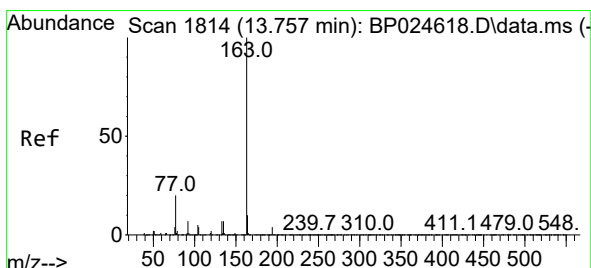
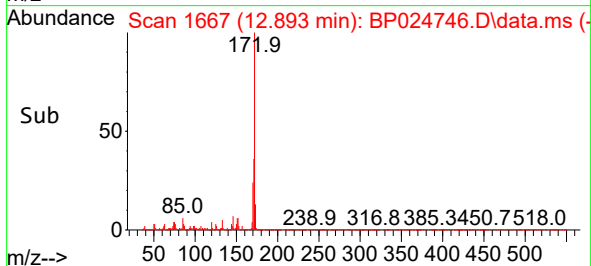
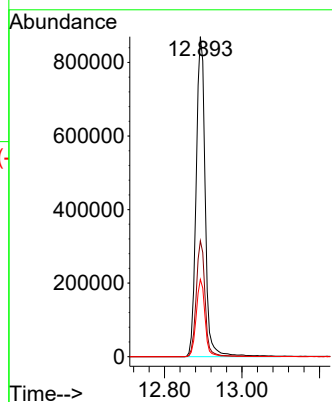
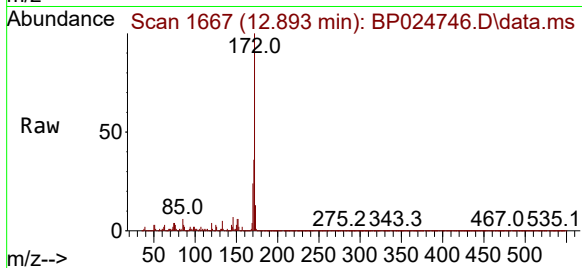
Tgt Ion:172 Resp: 1415658

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.2 18.8 28.2



#50

Dimethylphthalate

Concen: 7.310 ng

RT: 13.745 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BP024746.D

Acq: 21 May 2025 20:57

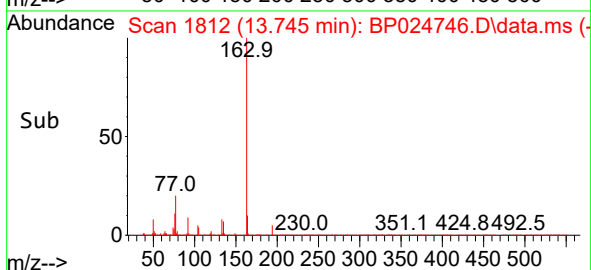
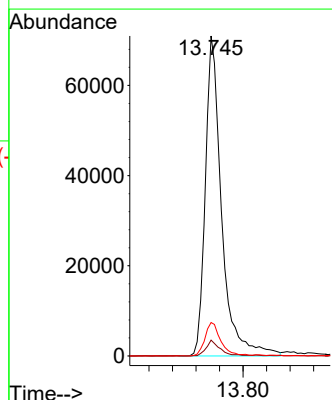
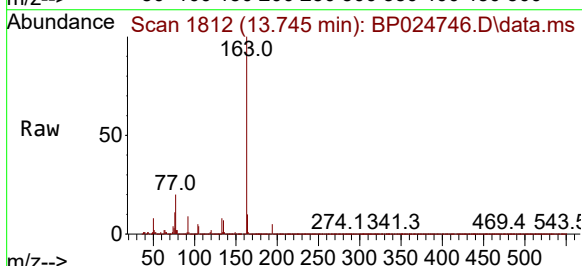
Tgt Ion:163 Resp: 136633

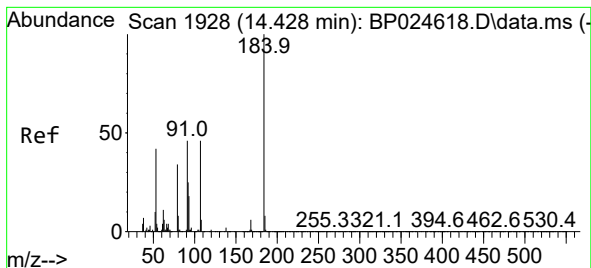
Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.0

164 10.4 8.1 12.1

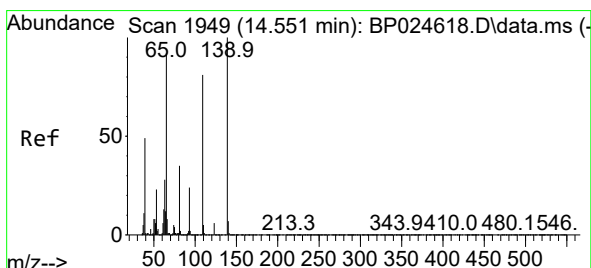
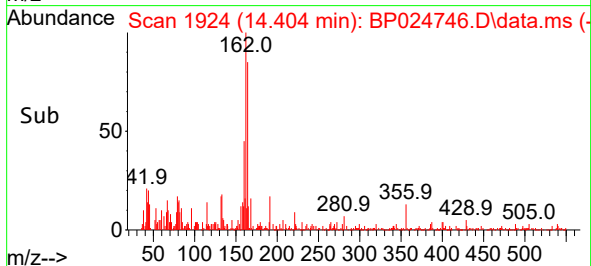
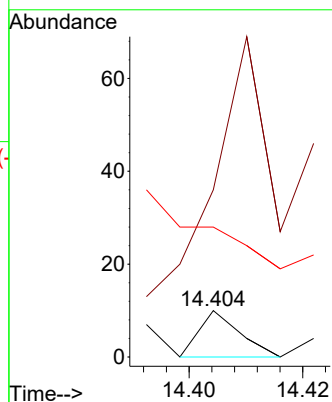
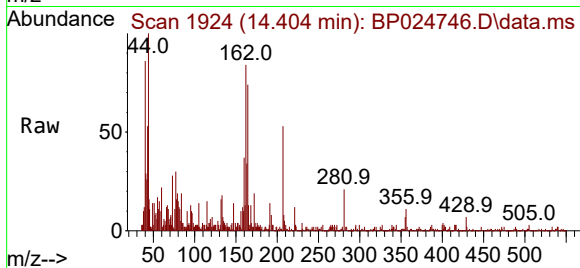




#54
2,4-Dinitrophenol
Concen: 6.403 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.024 min
Lab File: BP024746.D
Acq: 21 May 2025 20:57

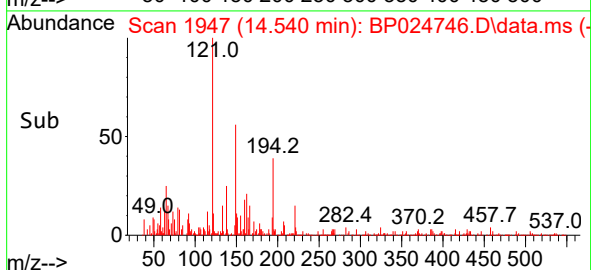
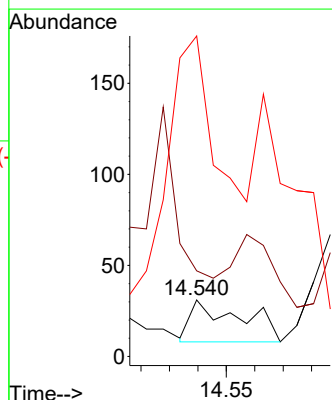
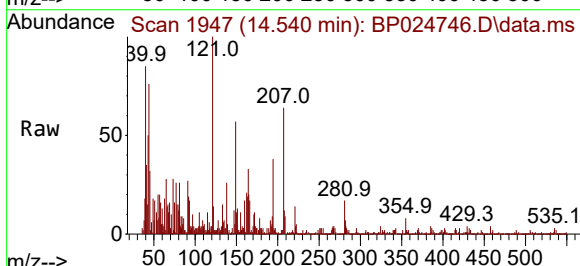
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L1-WC-7

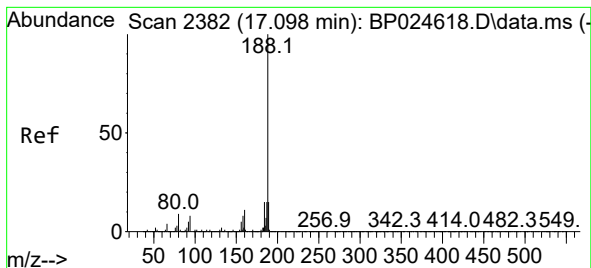
Tgt Ion:184 Resp: 5
Ion Ratio Lower Upper
184 100
63 360.0 51.3 76.9#
154 280.0 53.5 80.3#



#56
4-Nitrophenol
Concen: 4.242 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP024746.D
Acq: 21 May 2025 20:57

Tgt Ion:139 Resp: 28
Ion Ratio Lower Upper
139 100
109 127.0 61.4 101.4#
65 475.7 72.2 112.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024746.D

Acq: 21 May 2025 20:57

Instrument :

BNA_P

ClientSampleId :

L1-WC-7

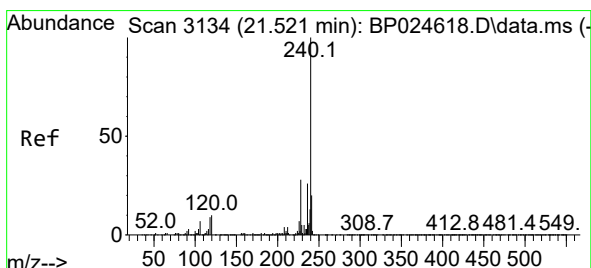
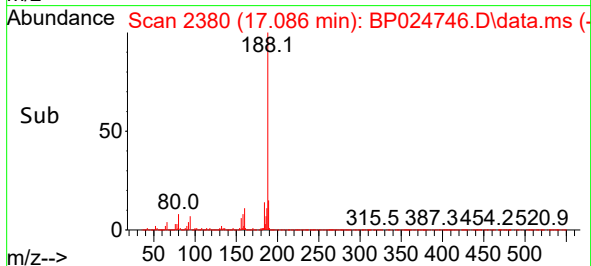
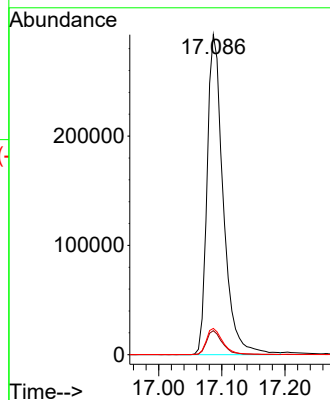
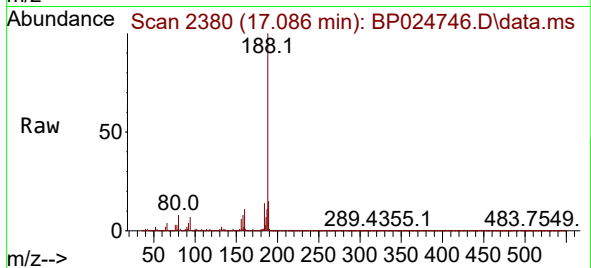
Tgt Ion:188 Resp: 521177

Ion Ratio Lower Upper

188 100

94 7.5 6.5 9.7

80 8.2 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP024746.D

Acq: 21 May 2025 20:57

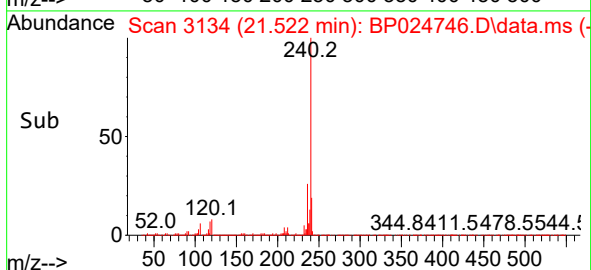
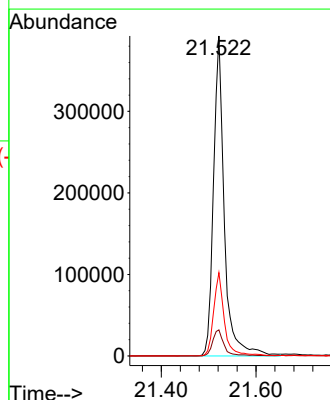
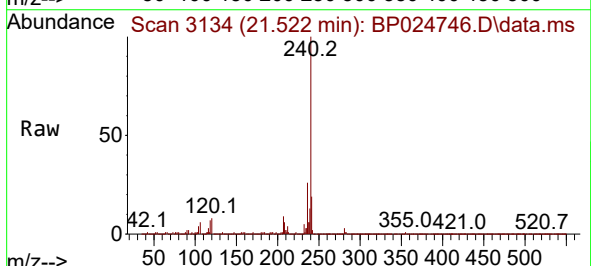
Tgt Ion:240 Resp: 623427

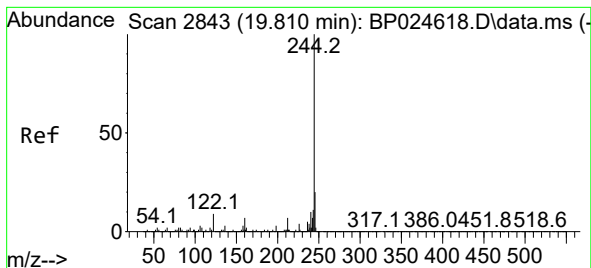
Ion Ratio Lower Upper

240 100

120 8.1 7.8 11.6

236 26.0 20.6 31.0





#79

Terphenyl-d14

Concen: 75.680 ng

RT: 19.810 min Scan# 2

Delta R.T. 0.000 min

Lab File: BP024746.D

Acq: 21 May 2025 20:57

Instrument :

BNA_P

ClientSampleId :

L1-WC-7

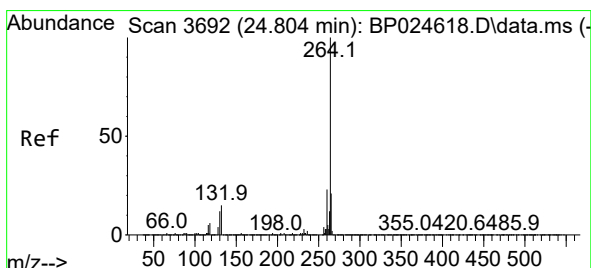
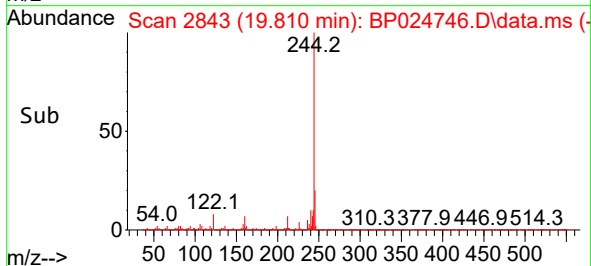
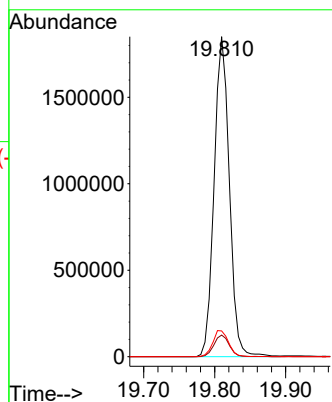
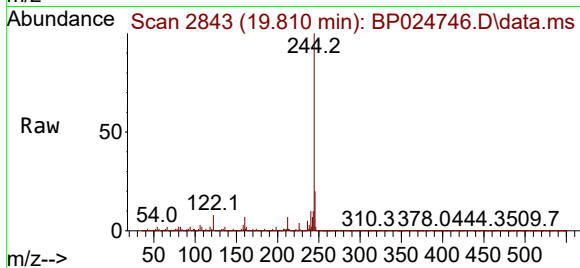
Tgt Ion:244 Resp: 2751574

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 8.1 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.792 min Scan# 3690

Delta R.T. -0.012 min

Lab File: BP024746.D

Acq: 21 May 2025 20:57

Tgt Ion:264 Resp: 734583

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 22.3 17.0 25.6

