

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024731.D
 Acq On : 21 May 2025 08:14
 Operator : RC/JU
 Sample : Q2062-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L1-WC-5

Quant Time: May 21 08:39:06 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)

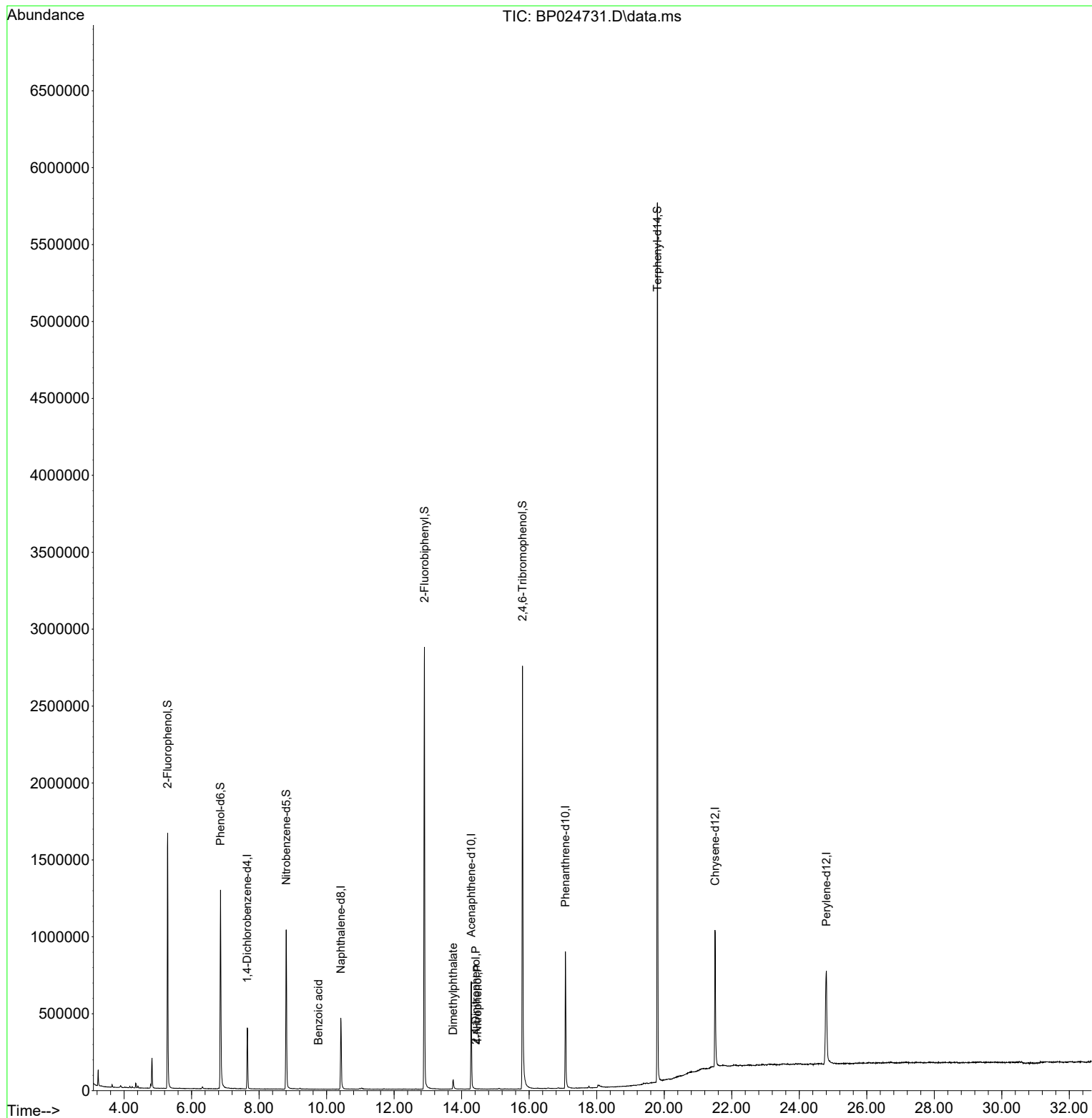
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	112725	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	426082	20.000	ng	-0.01
39) Acenaphthene-d10	14.286	164	273143	20.000	ng	-0.02
64) Phenanthrene-d10	17.074	188	564536	20.000	ng	-0.02
76) Chrysene-d12	21.504	240	638528	20.000	ng	-0.02
86) Perylene-d12	24.803	264	740653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	734866	111.501	ng	0.00
7) Phenol-d6	6.857	99	796901	94.739	ng	0.00
23) Nitrobenzene-d5	8.804	82	591938	70.194	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	704461	152.133	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1557549	74.707	ng	0.00
79) Terphenyl-d14	19.798	244	2980739	80.044	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.757	122	35	7.475	ng	# 1
50) Dimethylphthalate	13.751	163	59207	2.844	ng	100
54) 2,4-Dinitrophenol	14.422	184	9	6.404	ng	# 1
56) 4-Nitrophenol	14.469	139	28	4.241	ng	84

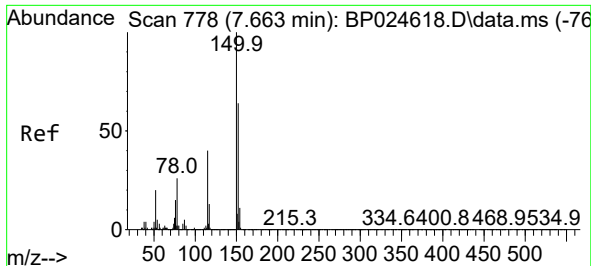
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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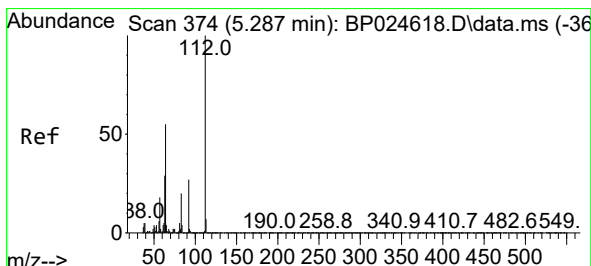
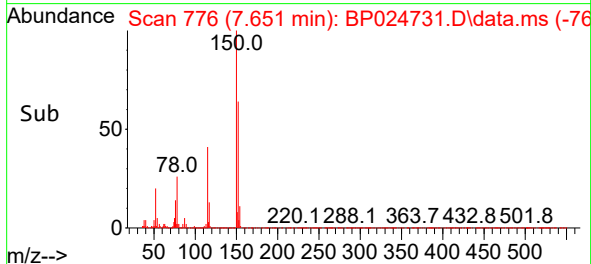
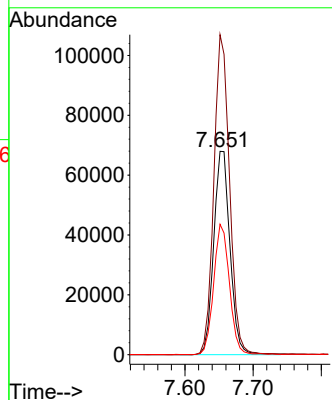
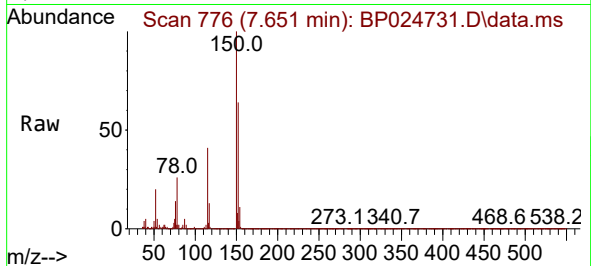




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024731.D
Acq: 21 May 2025 08:14

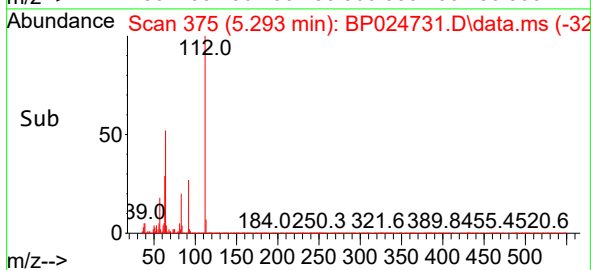
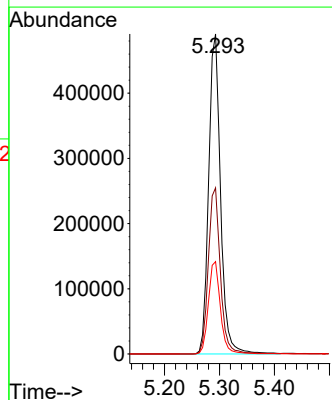
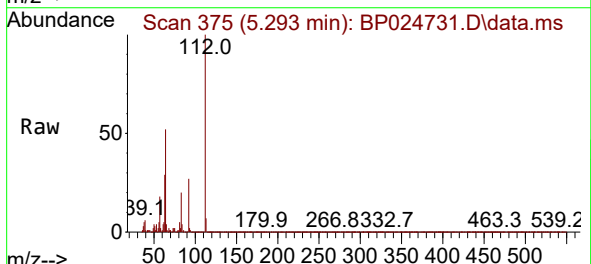
Instrument :
BNA_P
ClientSampleId :
L1-WC-5

Tgt Ion:152 Resp: 112725
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 64.2 50.1 75.1



#5
2-Fluorophenol
Concen: 111.501 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024731.D
Acq: 21 May 2025 08:14

Tgt Ion:112 Resp: 734866
Ion Ratio Lower Upper
112 100
64 51.9 44.1 66.1
63 28.9 23.5 35.3

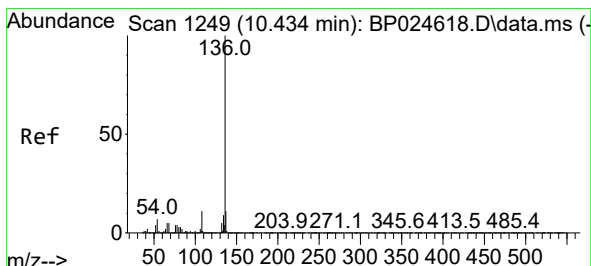
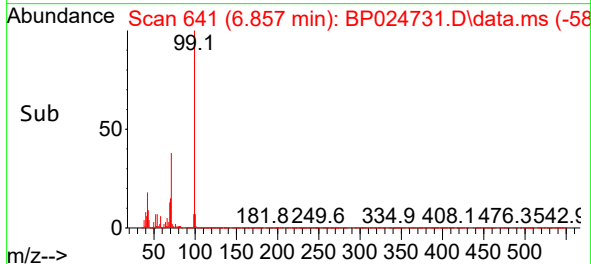
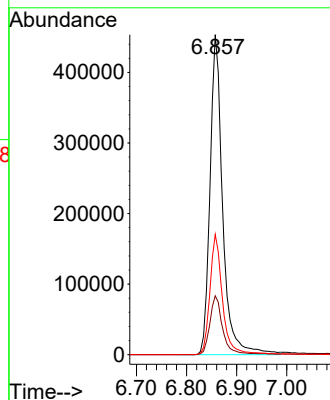
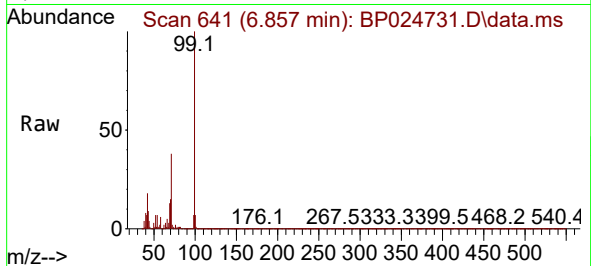




#7
Phenol-d6
Concen: 94.739 ng
RT: 6.857 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024731.D
Acq: 21 May 2025 08:14

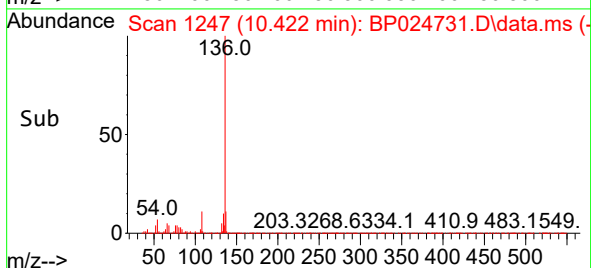
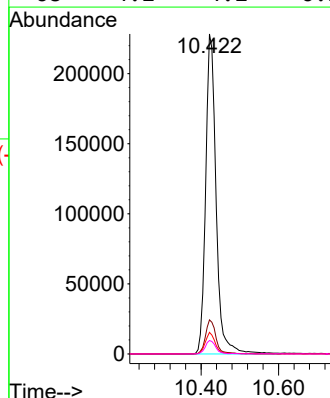
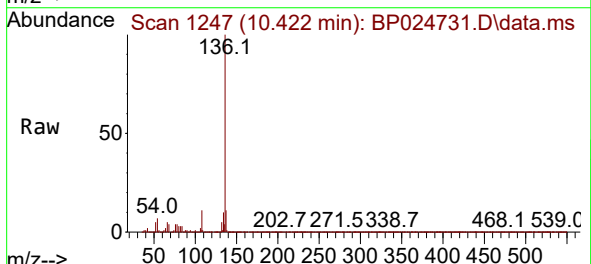
Instrument :
BNA_P
ClientSampleId :
L1-WC-5

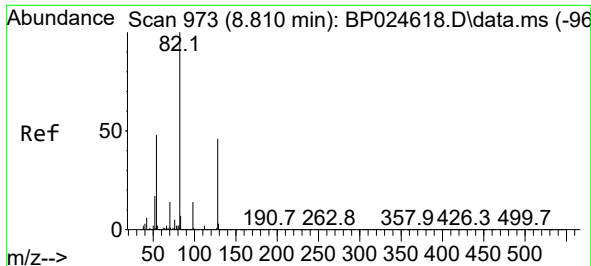
Tgt Ion: 99 Resp: 796901
Ion Ratio Lower Upper
99 100
42 18.4 14.4 21.6
71 37.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024731.D
Acq: 21 May 2025 08:14

Tgt Ion: 136 Resp: 426082
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.8 5.5 8.3
68 4.2 4.2 6.2

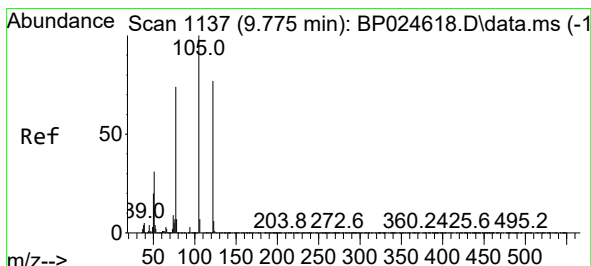
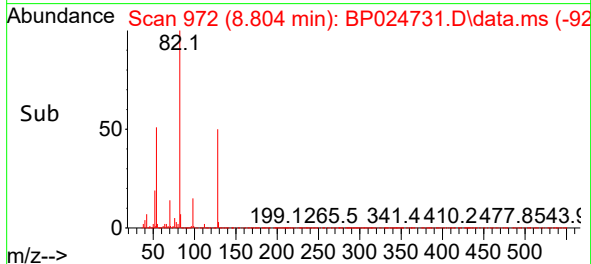
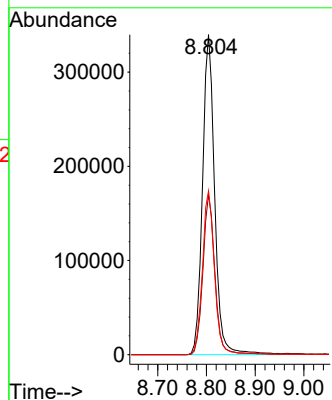
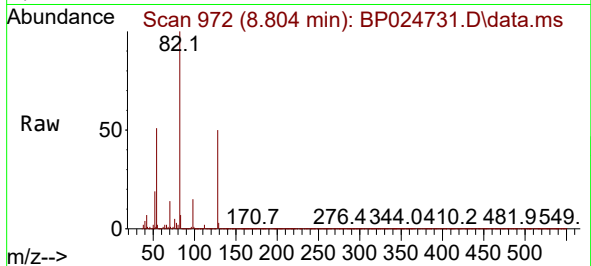




#23
Nitrobenzene-d5
Concen: 70.194 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024731.D
Acq: 21 May 2025 08:14

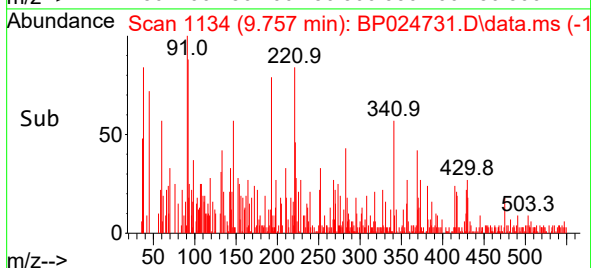
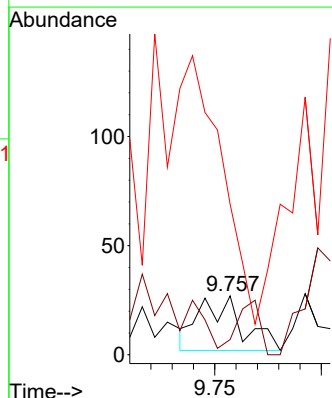
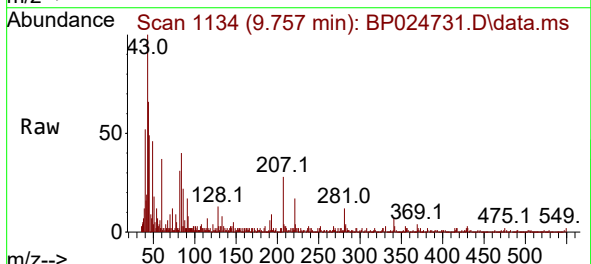
Instrument :
BNA_P
ClientSampleId :
L1-WC-5

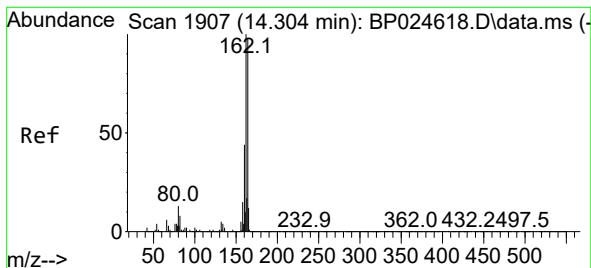
Tgt Ion: 82 Resp: 591938
Ion Ratio Lower Upper
82 100
128 50.1 37.0 55.4
54 51.2 38.7 58.1



#32
Benzoic acid
Concen: 7.475 ng
RT: 9.757 min Scan# 1134
Delta R.T. -0.018 min
Lab File: BP024731.D
Acq: 21 May 2025 08:14

Tgt Ion:122 Resp: 35
Ion Ratio Lower Upper
122 100
105 59.3 106.9 146.9#
77 255.6 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.286 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024731.D

Acq: 21 May 2025 08:14

Instrument :

BNA_P

ClientSampleId :

L1-WC-5

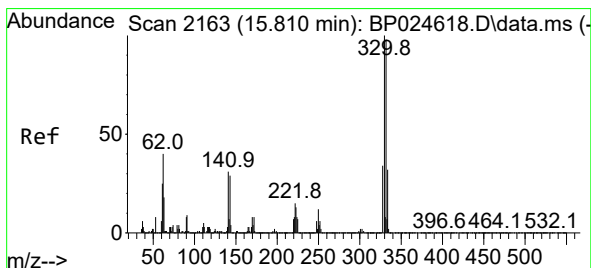
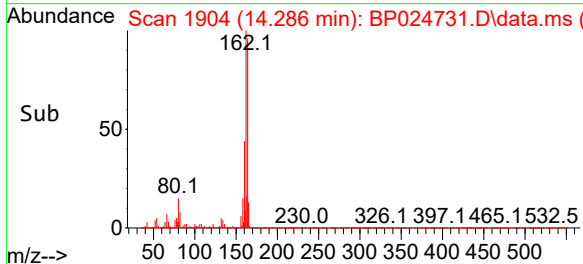
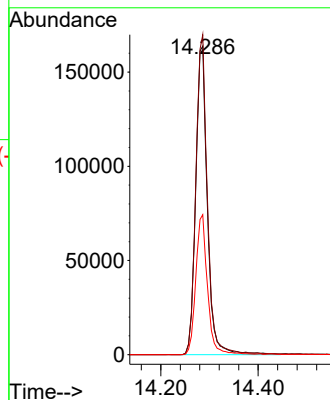
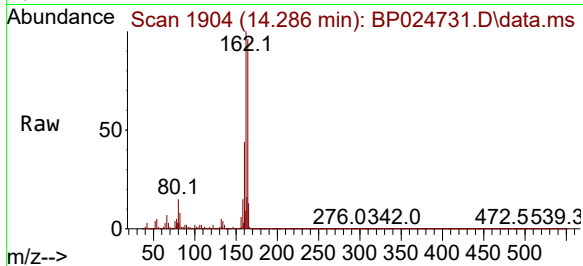
Tgt Ion:164 Resp: 273143

Ion Ratio Lower Upper

164 100

162 103.7 81.8 122.6

160 45.4 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 152.133 ng

RT: 15.804 min Scan# 2162

Delta R.T. -0.006 min

Lab File: BP024731.D

Acq: 21 May 2025 08:14

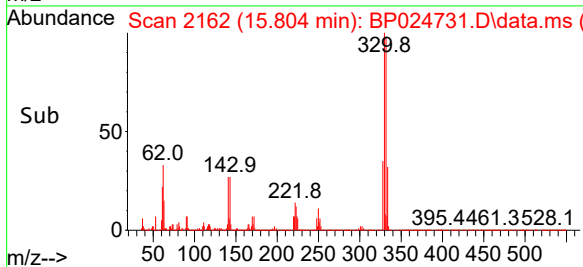
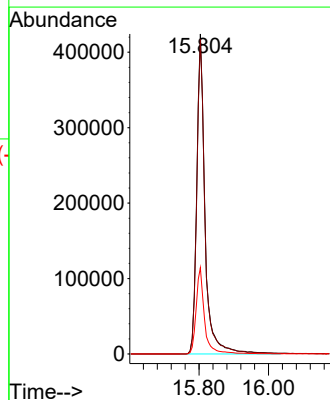
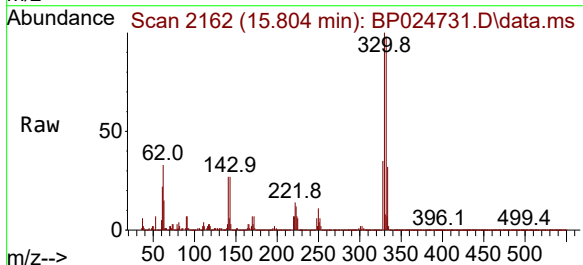
Tgt Ion:330 Resp: 704461

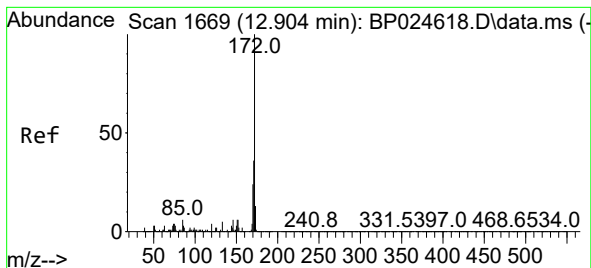
Ion Ratio Lower Upper

330 100

332 98.0 78.2 117.4

141 27.0 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 74.707 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024731.D

Acq: 21 May 2025 08:14

Instrument :

BNA_P

ClientSampleId :

L1-WC-5

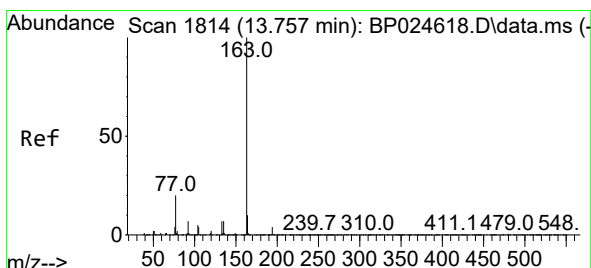
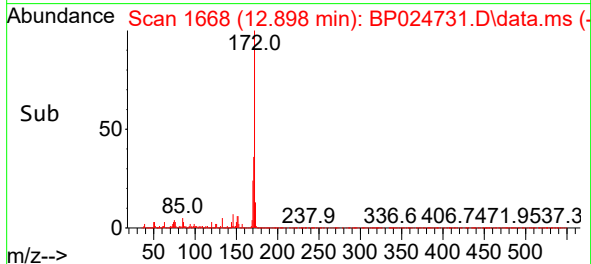
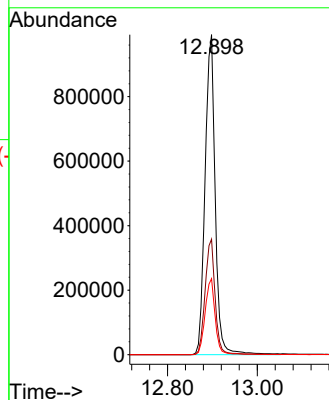
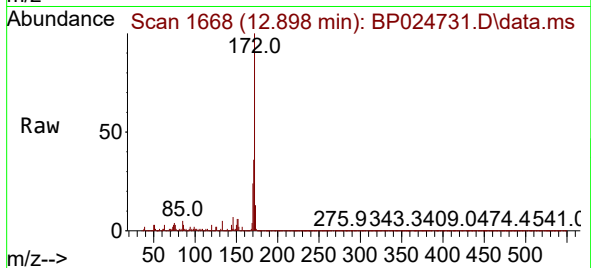
Tgt Ion:172 Resp: 1557549

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.8 18.8 28.2



#50

Dimethylphthalate

Concen: 2.844 ng

RT: 13.751 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BP024731.D

Acq: 21 May 2025 08:14

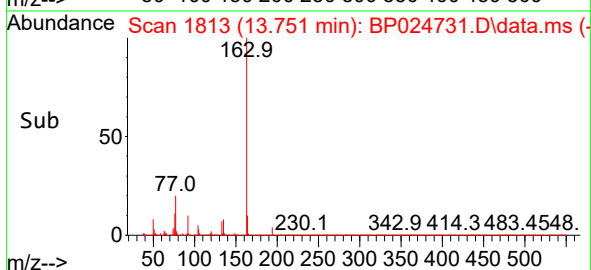
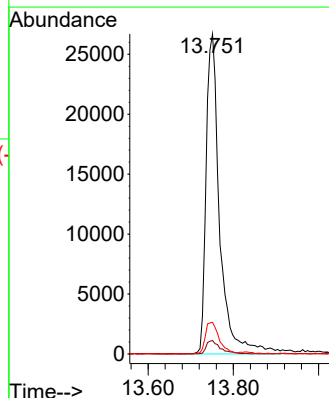
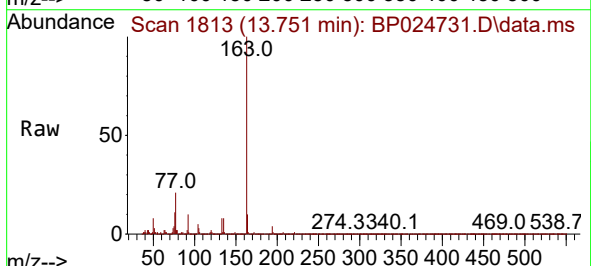
Tgt Ion:163 Resp: 59207

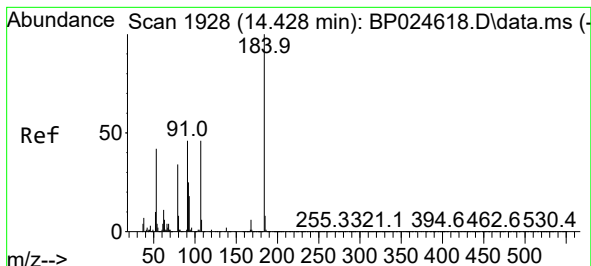
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.9 8.1 12.1

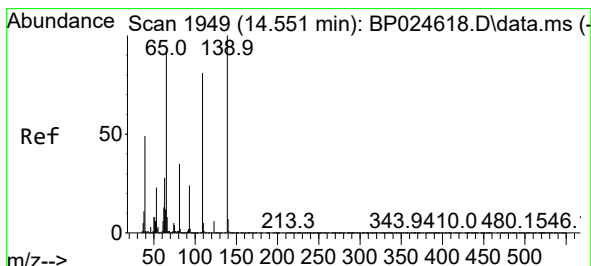
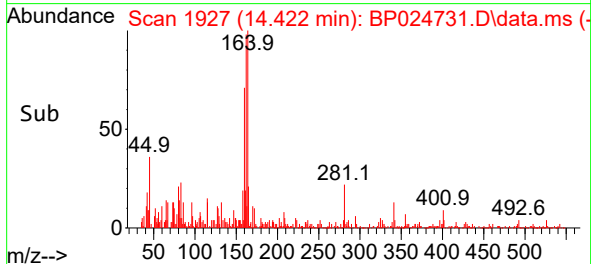
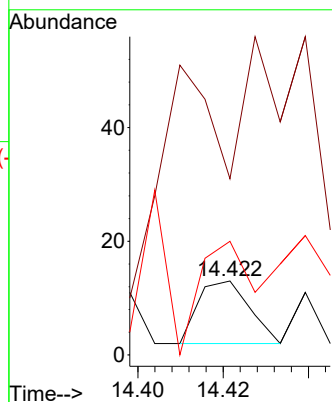
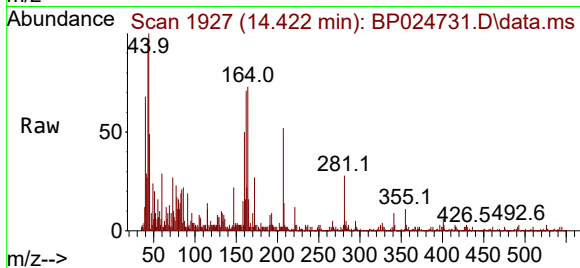




#54
2,4-Dinitrophenol
Concen: 6.404 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024731.D
Acq: 21 May 2025 08:14

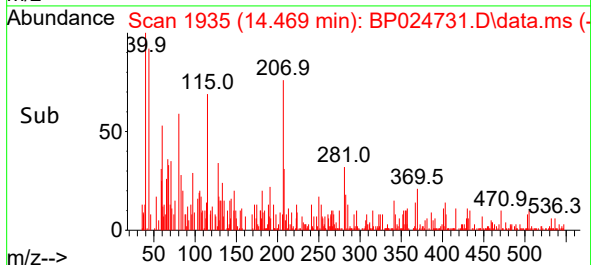
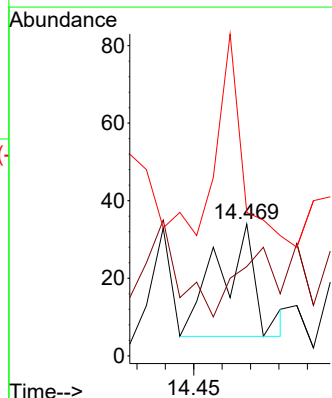
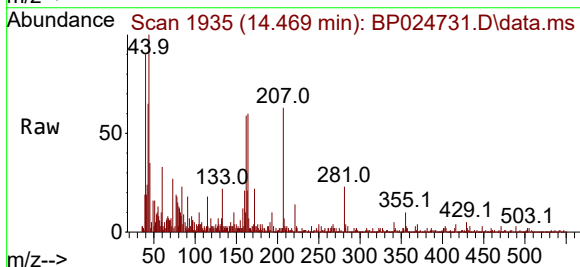
Instrument :
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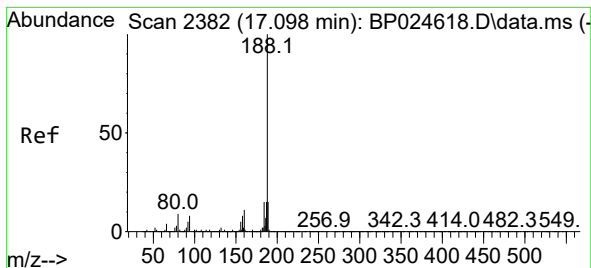
Tgt Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 238.5 51.3 76.9#
154 153.8 53.5 80.3#



#56
4-Nitrophenol
Concen: 4.241 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.082 min
Lab File: BP024731.D
Acq: 21 May 2025 08:14

Tgt Ion:139 Resp: 28
Ion Ratio Lower Upper
139 100
109 67.6 61.4 101.4
65 108.8 72.2 112.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP024731.D

Acq: 21 May 2025 08:14

Instrument :

BNA_P

ClientSampleId :

L1-WC-5

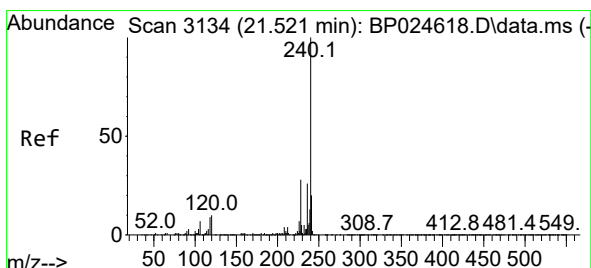
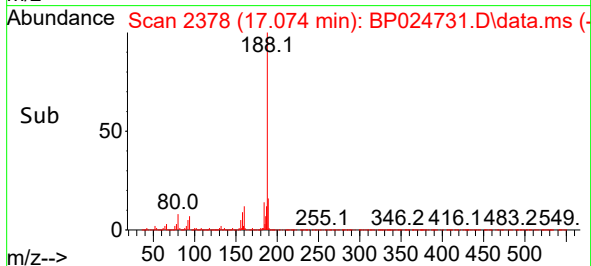
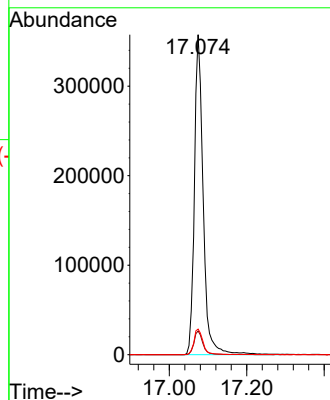
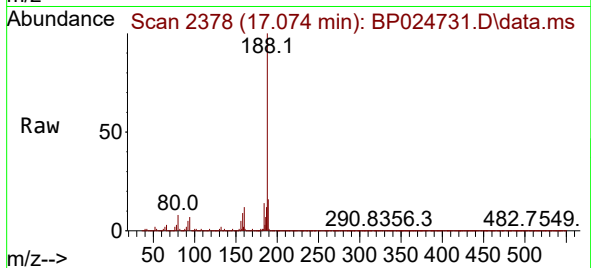
Tgt Ion:188 Resp: 564536

Ion Ratio Lower Upper

188 100

94 7.4 6.5 9.7

80 8.0 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.504 min Scan# 3131

Delta R.T. -0.018 min

Lab File: BP024731.D

Acq: 21 May 2025 08:14

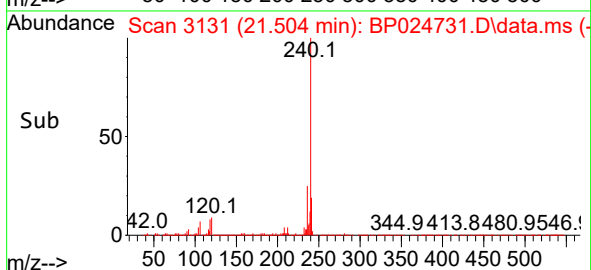
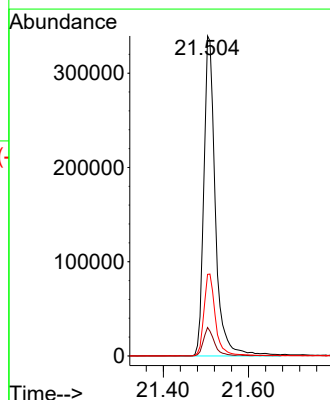
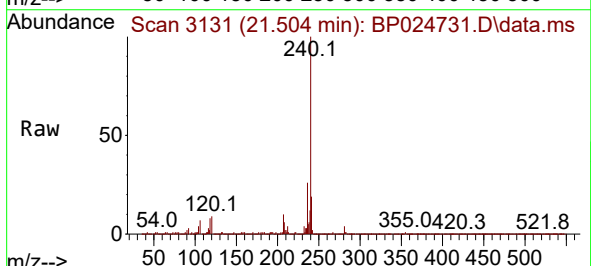
Tgt Ion:240 Resp: 638528

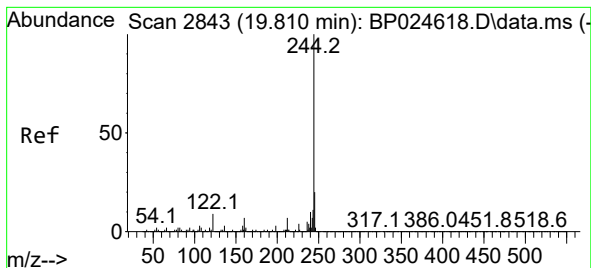
Ion Ratio Lower Upper

240 100

120 8.9 7.8 11.6

236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 80.044 ng

RT: 19.798 min Scan# 2841

Delta R.T. -0.012 min

Lab File: BP024731.D

Acq: 21 May 2025 08:14

Instrument :

BNA_P

ClientSampleId :

L1-WC-5

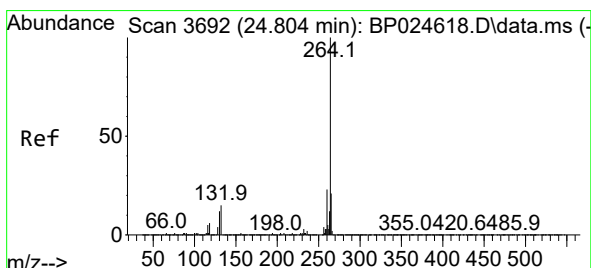
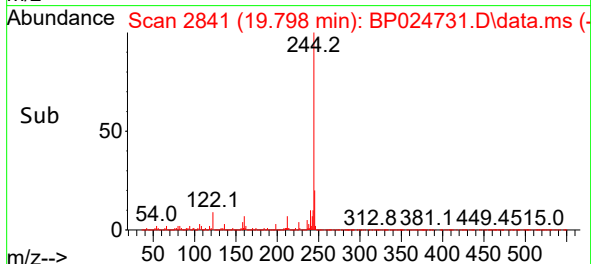
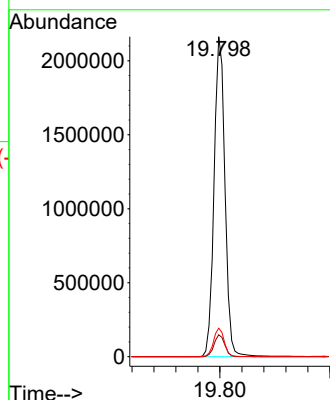
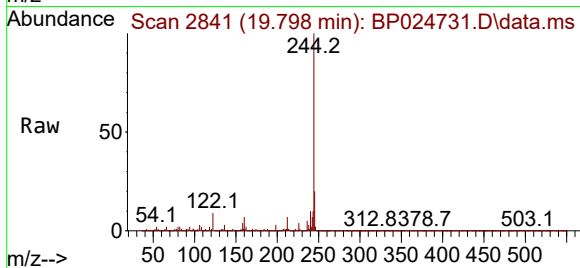
Tgt Ion:244 Resp: 2980739

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 8.9 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.803 min Scan# 3692

Delta R.T. -0.000 min

Lab File: BP024731.D

Acq: 21 May 2025 08:14

Tgt Ion:264 Resp: 740653

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.0 17.0 25.6

