

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024732.D
 Acq On : 21 May 2025 08:54
 Operator : RC/JU
 Sample : Q2062-24
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L1-WC-6

Quant Time: May 21 09:12:41 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)

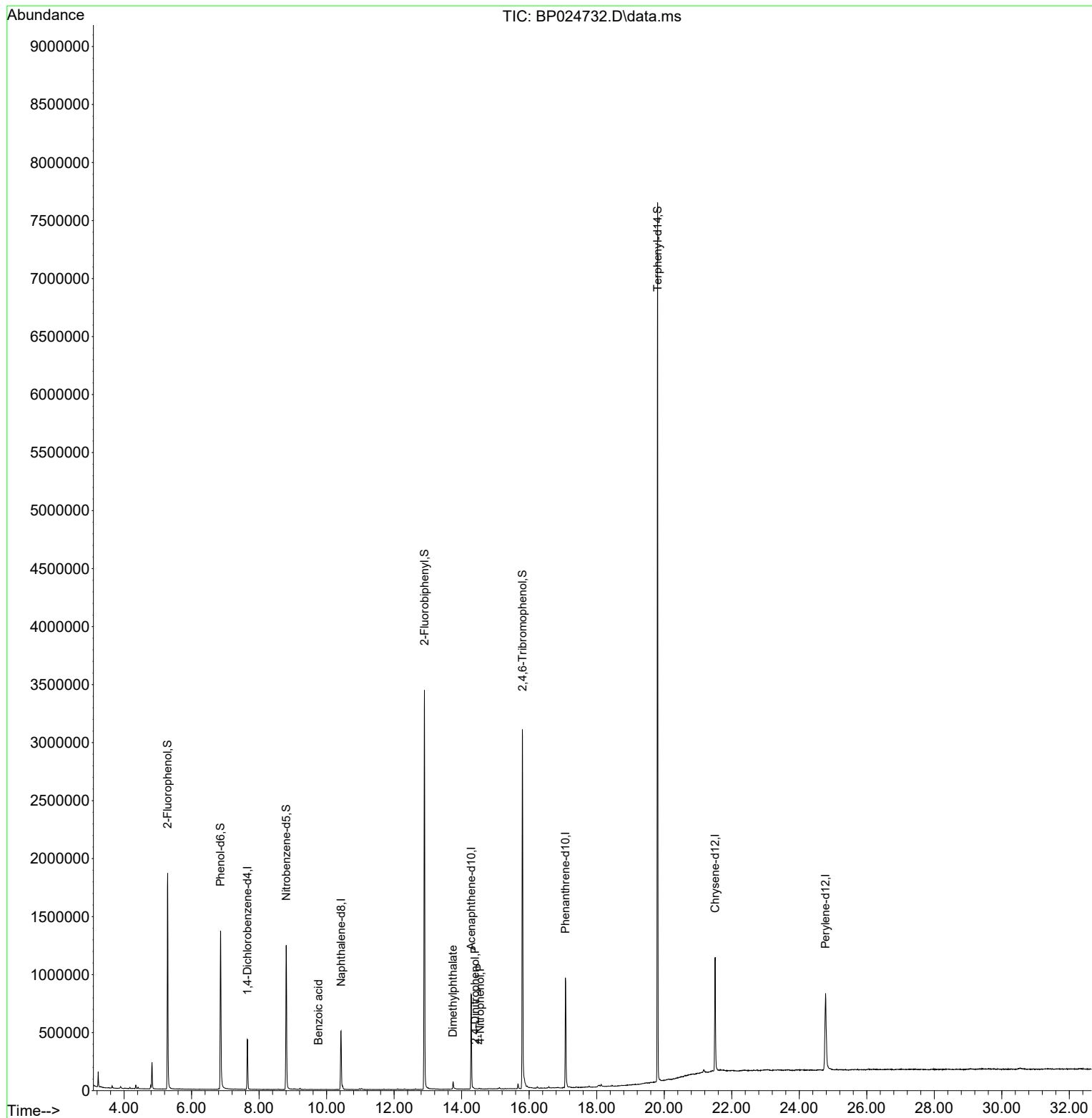
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	122073	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	461164	20.000	ng	# 0.00
39) Acenaphthene-d10	14.287	164	312347	20.000	ng	-0.02
64) Phenanthrene-d10	17.075	188	633416	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	669655	20.000	ng	-0.01
86) Perylene-d12	24.780	264	787728	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	817861	114.591	ng	0.00
7) Phenol-d6	6.858	99	871129	95.633	ng	0.00
23) Nitrobenzene-d5	8.805	82	686907	75.260	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	785317	148.308	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1800298	75.513	ng	0.00
79) Terphenyl-d14	19.804	244	3381635	86.589	ng	0.00
Target Compounds						
32) Benzoic acid	9.757	122	10	7.470	ng	# 1
50) Dimethylphthalate	13.745	163	54340	2.282	ng	98
54) 2,4-Dinitrophenol	14.398	184	30	6.410	ng	# 1
56) 4-Nitrophenol	14.545	139	69	4.249	ng	# 49

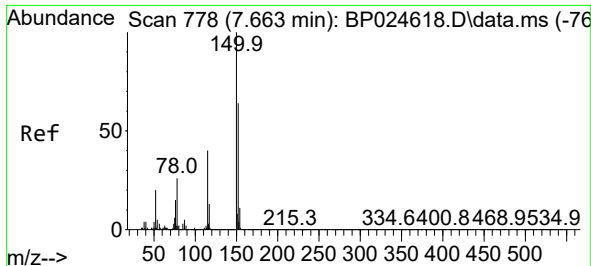
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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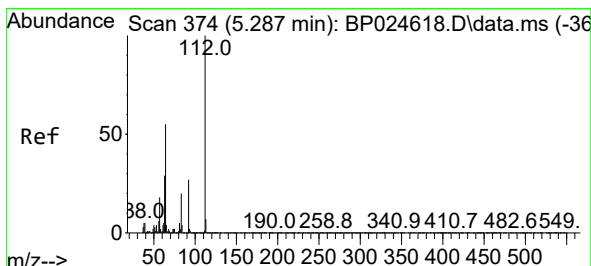
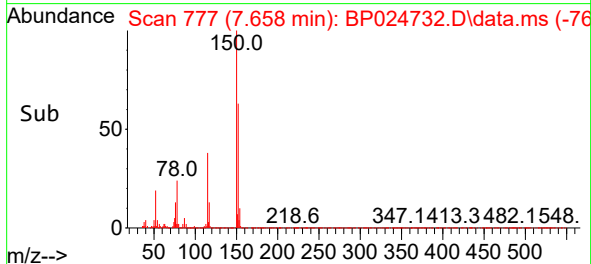
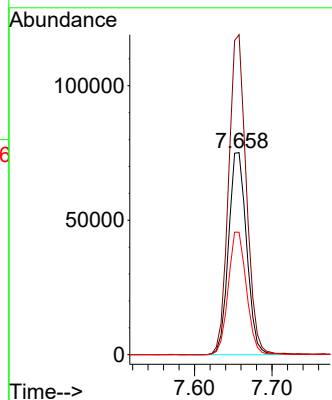
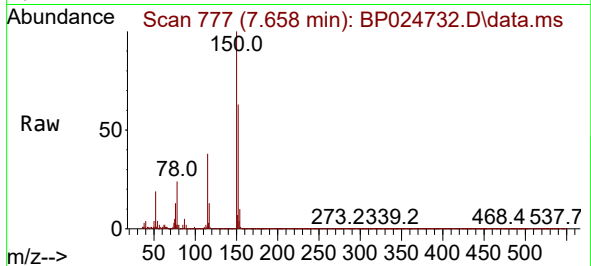




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024732.D
Acq: 21 May 2025 08:54

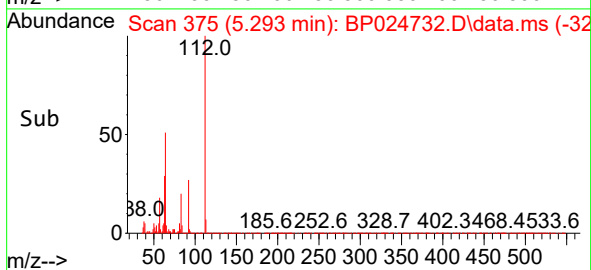
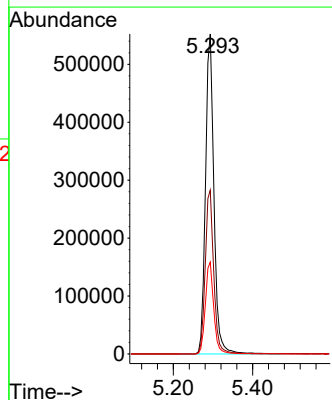
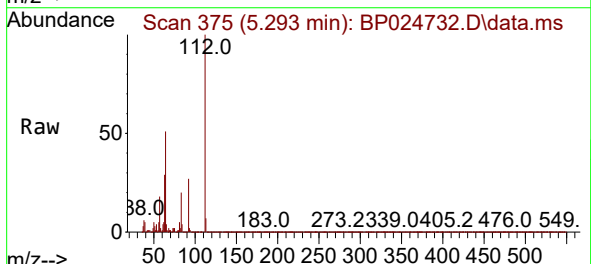
Instrument :
BNA_P
ClientSampleId :
L1-WC-6

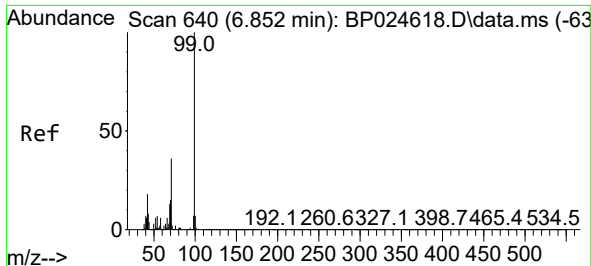
Tgt Ion:152 Resp: 122073
Ion Ratio Lower Upper
152 100
150 158.4 125.9 188.9
115 60.6 50.1 75.1



#5
2-Fluorophenol
Concen: 114.591 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024732.D
Acq: 21 May 2025 08:54

Tgt Ion:112 Resp: 817861
Ion Ratio Lower Upper
112 100
64 51.2 44.1 66.1
63 28.7 23.5 35.3

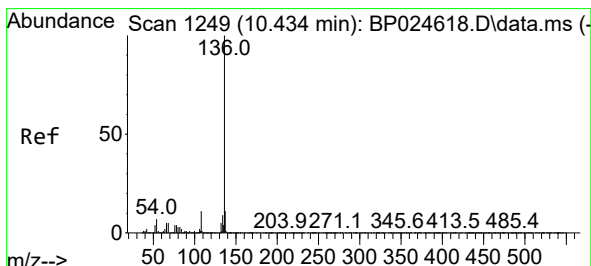
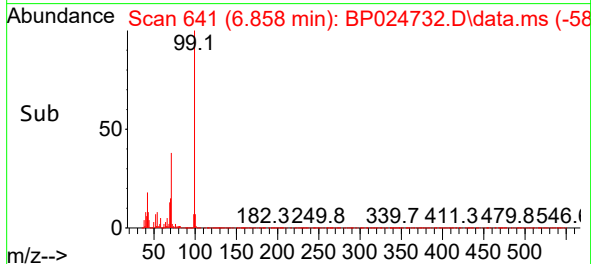
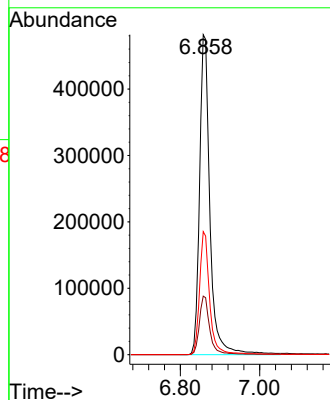
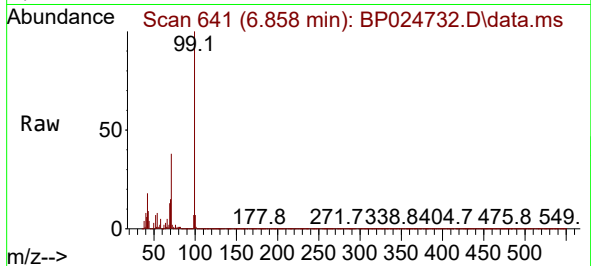




#7
Phenol-d6
Concen: 95.633 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024732.D
Acq: 21 May 2025 08:54

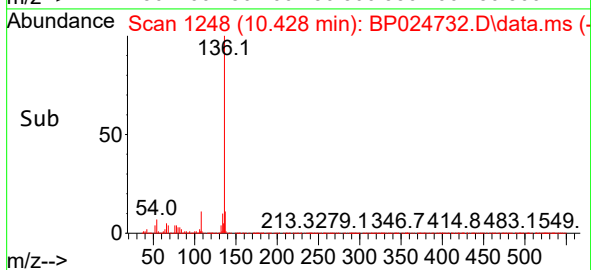
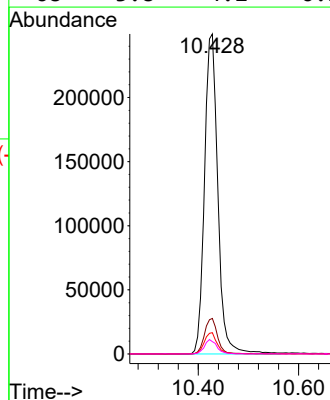
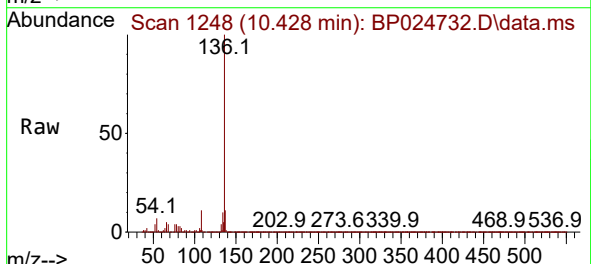
Instrument :
BNA_P
ClientSampleId :
L1-WC-6

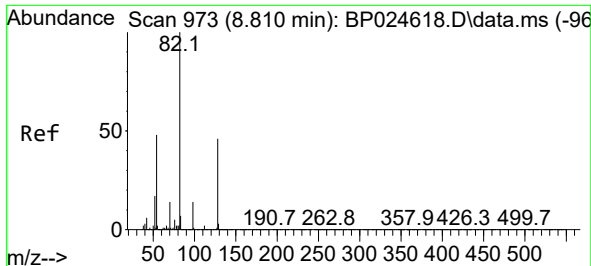
Tgt Ion: 99 Resp: 871129
Ion Ratio Lower Upper
99 100
42 18.3 14.4 21.6
71 38.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024732.D
Acq: 21 May 2025 08:54

Tgt Ion: 136 Resp: 461164
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.7 5.5 8.3
68 3.8 4.2 6.2#





#23

Nitrobenzene-d5

Concen: 75.260 ng

RT: 8.805 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024732.D

Acq: 21 May 2025 08:54

Instrument :

BNA_P

ClientSampleId :

L1-WC-6

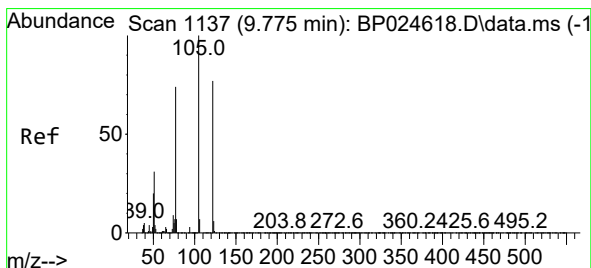
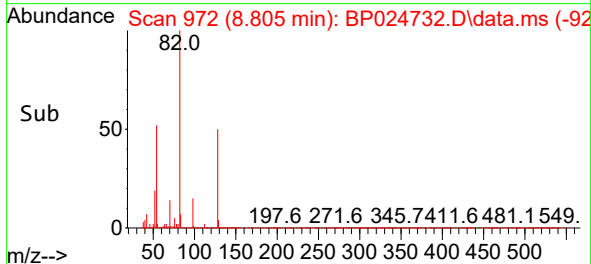
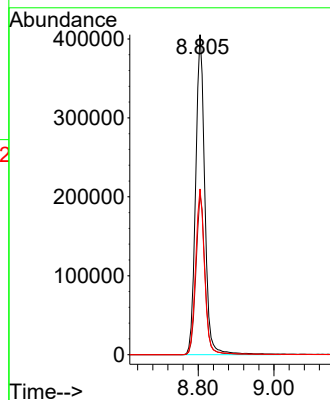
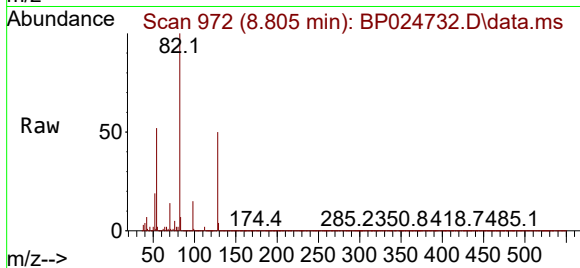
Tgt Ion: 82 Resp: 686907

Ion Ratio Lower Upper

82 100

128 50.3 37.0 55.4

54 51.8 38.7 58.1



#32

Benzoic acid

Concen: 7.470 ng

RT: 9.757 min Scan# 1134

Delta R.T. -0.018 min

Lab File: BP024732.D

Acq: 21 May 2025 08:54

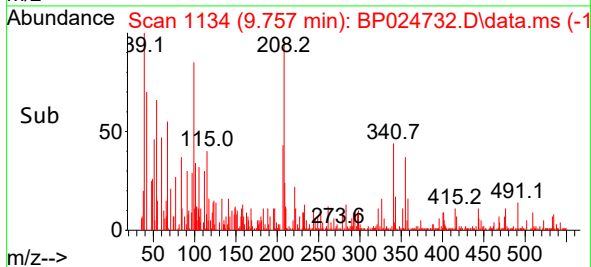
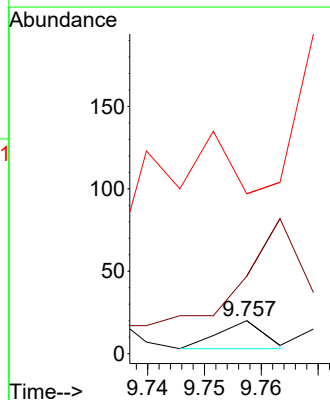
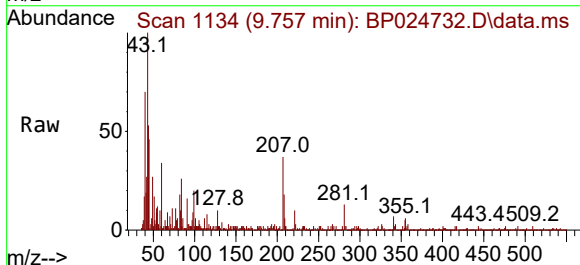
Tgt Ion:122 Resp: 10

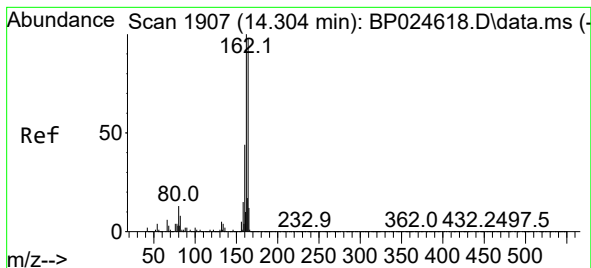
Ion Ratio Lower Upper

122 100

105 235.0 106.9 146.9#

77 485.0 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: BP024732.D

Acq: 21 May 2025 08:54

Instrument :

BNA_P

ClientSampleId :

L1-WC-6

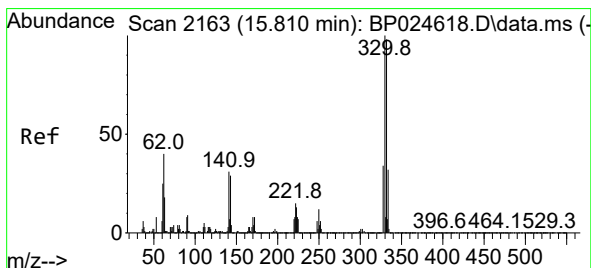
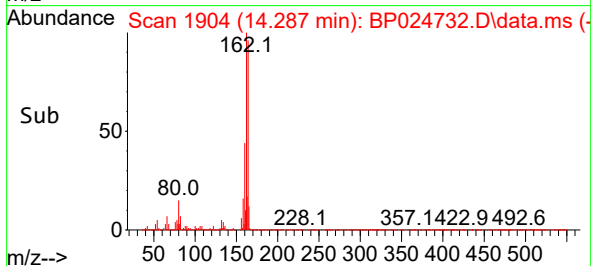
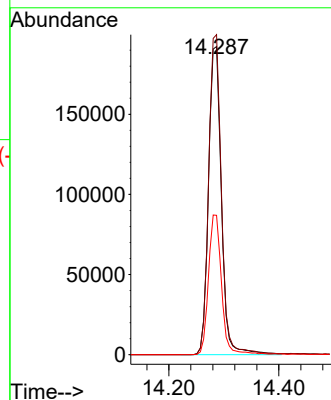
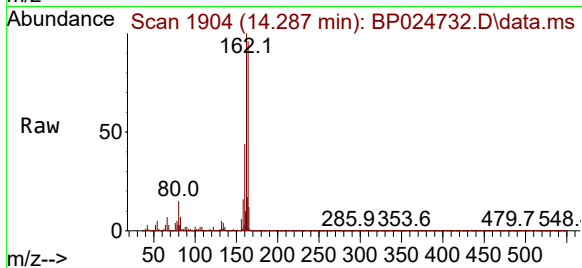
Tgt Ion:164 Resp: 312347

Ion Ratio Lower Upper

164 100

162 103.9 81.8 122.6

160 45.2 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 148.308 ng

RT: 15.804 min Scan# 2162

Delta R.T. -0.006 min

Lab File: BP024732.D

Acq: 21 May 2025 08:54

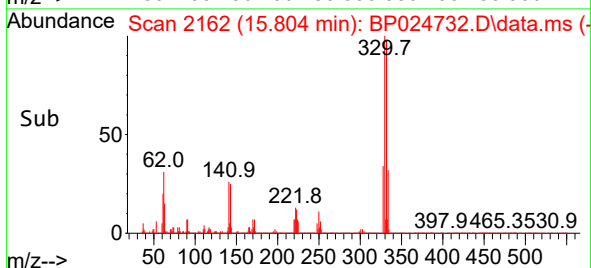
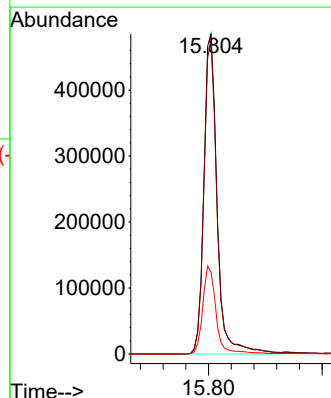
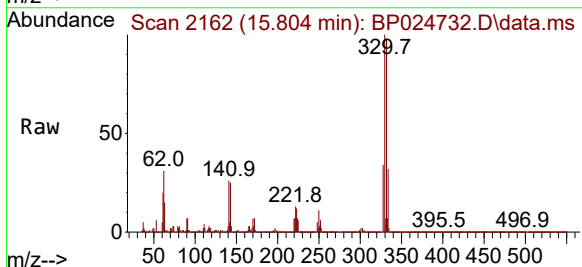
Tgt Ion:330 Resp: 785317

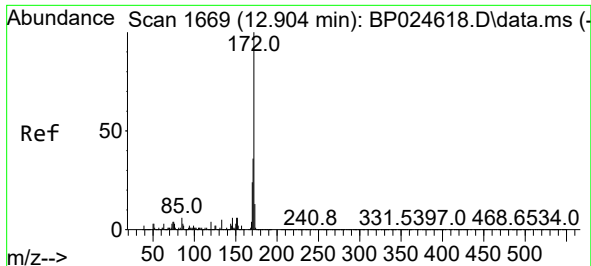
Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

141 27.5 24.3 36.5

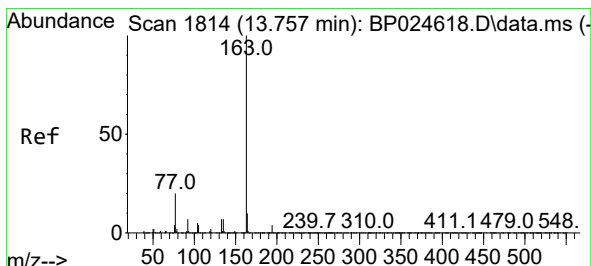
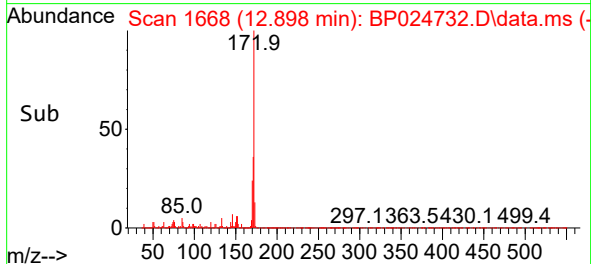
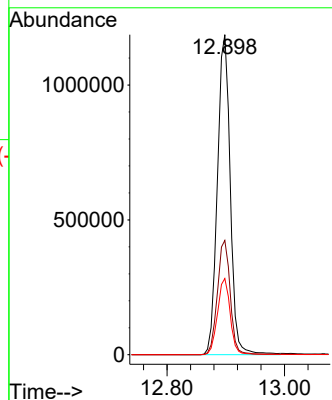
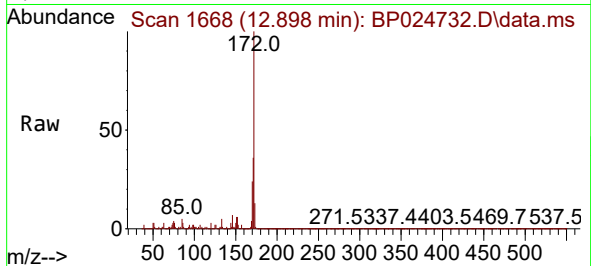




#45
2-Fluorobiphenyl
Concen: 75.513 ng
RT: 12.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024732.D
Acq: 21 May 2025 08:54

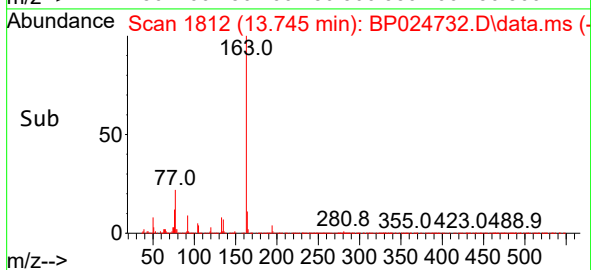
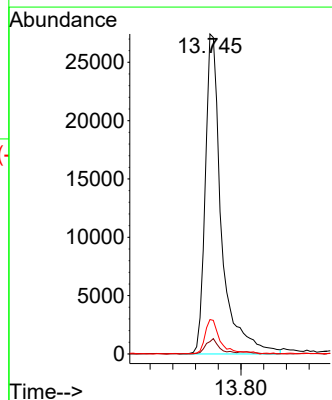
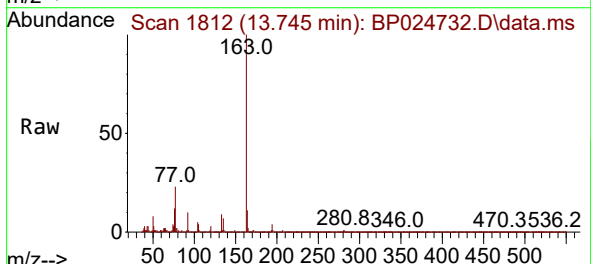
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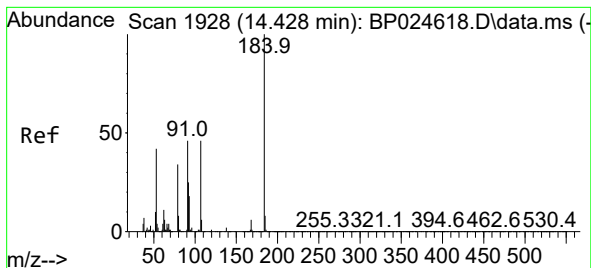
Tgt Ion:172 Resp: 1800298
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.8 18.8 28.2



#50
Dimethylphthalate
Concen: 2.282 ng
RT: 13.745 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BP024732.D
Acq: 21 May 2025 08:54

Tgt Ion:163 Resp: 54340
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.8 8.1 12.1

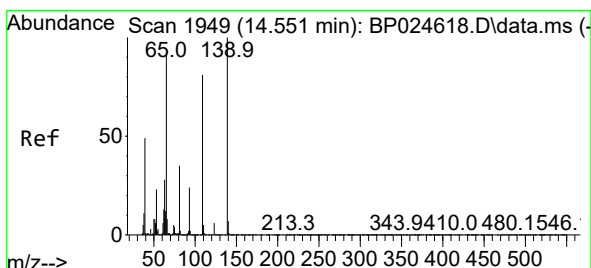
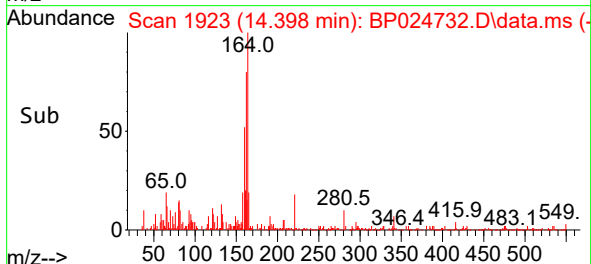
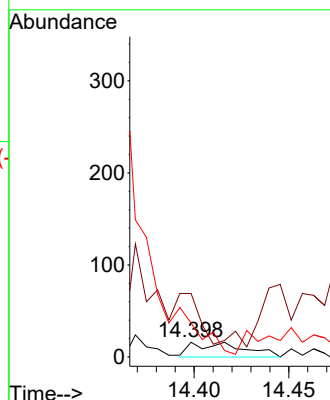
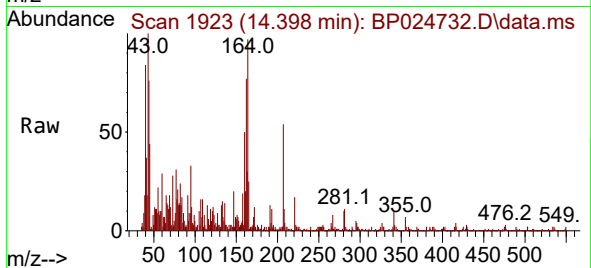




#54
2,4-Dinitrophenol
Concen: 6.410 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.030 min
Lab File: BP024732.D
Acq: 21 May 2025 08:54

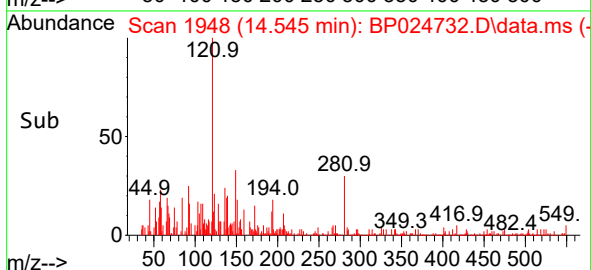
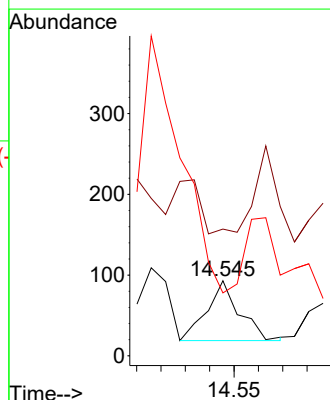
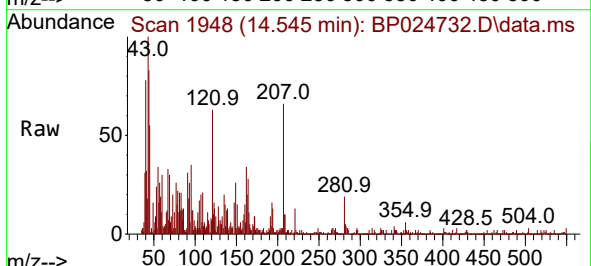
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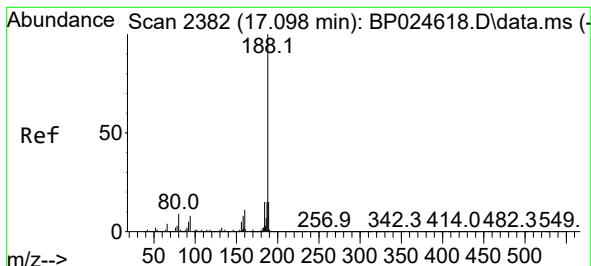
Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 431.3 51.3 76.9#
154 231.3 53.5 80.3#



#56
4-Nitrophenol
Concen: 4.249 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024732.D
Acq: 21 May 2025 08:54

Tgt Ion:139 Resp: 69
Ion Ratio Lower Upper
139 100
109 168.8 61.4 101.4#
65 83.9 72.2 112.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.075 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP024732.D

Acq: 21 May 2025 08:54

Instrument :

BNA_P

ClientSampleId :

L1-WC-6

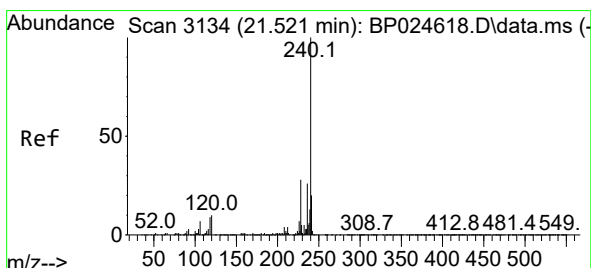
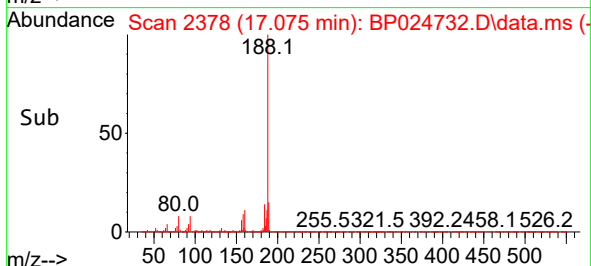
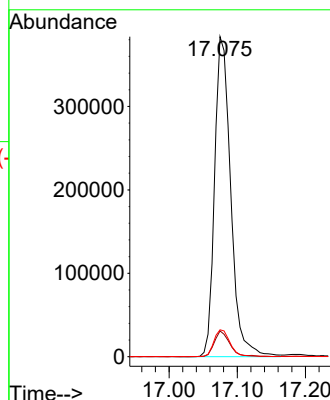
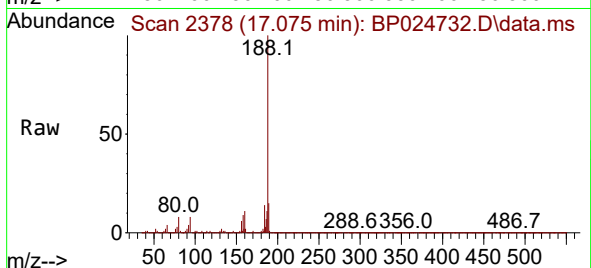
Tgt Ion:188 Resp: 633416

Ion Ratio Lower Upper

188 100

94 8.0 6.5 9.7

80 8.4 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3132

Delta R.T. -0.012 min

Lab File: BP024732.D

Acq: 21 May 2025 08:54

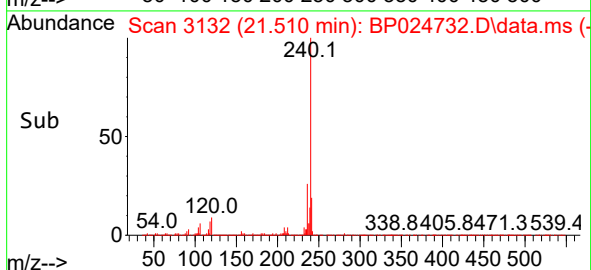
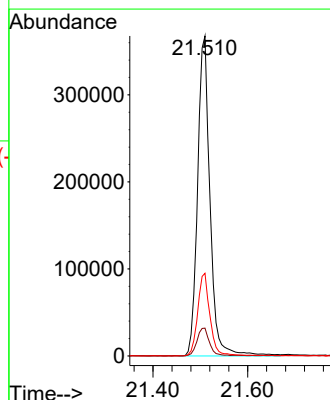
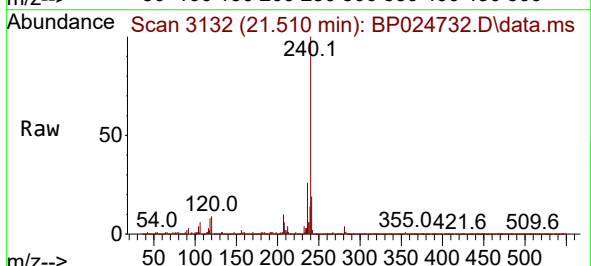
Tgt Ion:240 Resp: 669655

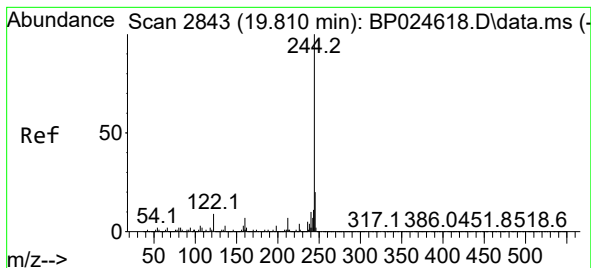
Ion Ratio Lower Upper

240 100

120 8.7 7.8 11.6

236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 86.589 ng

RT: 19.804 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024732.D

Acq: 21 May 2025 08:54

Instrument :

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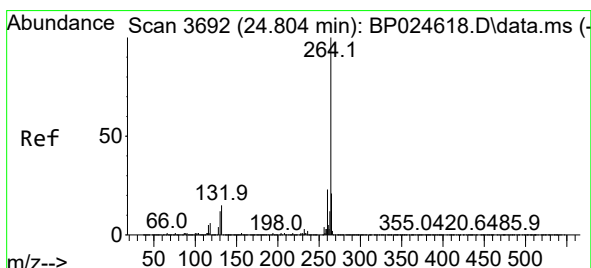
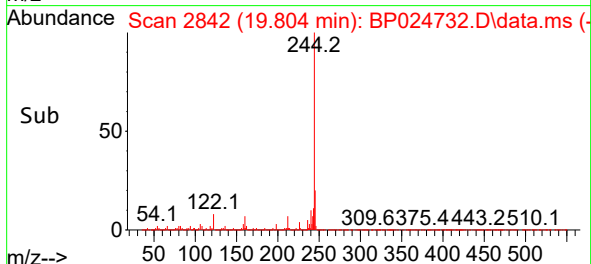
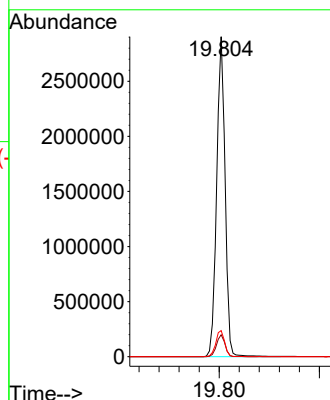
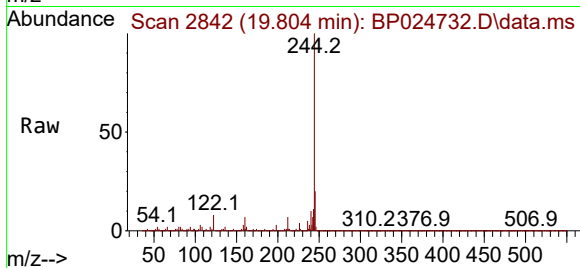
Tgt Ion:244 Resp: 3381635

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 8.1 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.780 min Scan# 3688

Delta R.T. -0.023 min

Lab File: BP024732.D

Acq: 21 May 2025 08:54

Tgt Ion:264 Resp: 787728

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.3 17.0 25.6

