

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024672.D
 Acq On : 17 May 2025 01:52
 Operator : RC/JU
 Sample : Q2034-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 L3-WC-2

Quant Time: May 17 03:41:14 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)

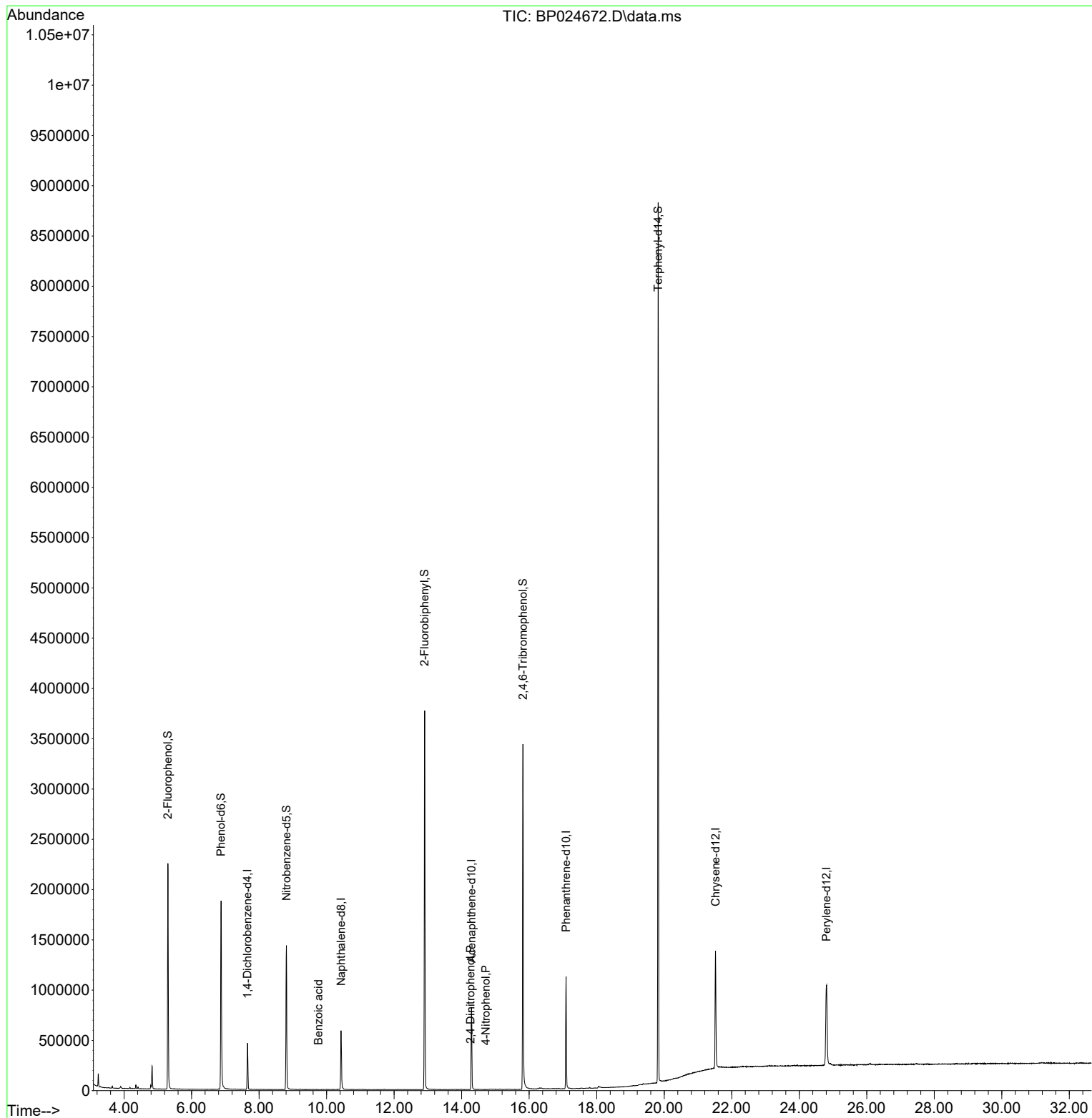
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	128256	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	514831	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	306466	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	638998	20.000	ng	0.00
76) Chrysene-d12	21.521	240	784203	20.000	ng	0.00
86) Perylene-d12	24.804	264	919623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1021487	136.221	ng	0.01
7) Phenol-d6	6.875	99	1215118	126.966	ng	0.02
23) Nitrobenzene-d5	8.810	82	793024	77.829	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	814966	156.861	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2013124	86.060	ng	0.00
79) Terphenyl-d14	19.822	244	3981734	87.062	ng	0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.757	122	34	7.474	ng	# 49
54) 2,4-Dinitrophenol	14.263	184	15	6.406	ng	88
56) 4-Nitrophenol	14.716	139	18	4.238	ng	88

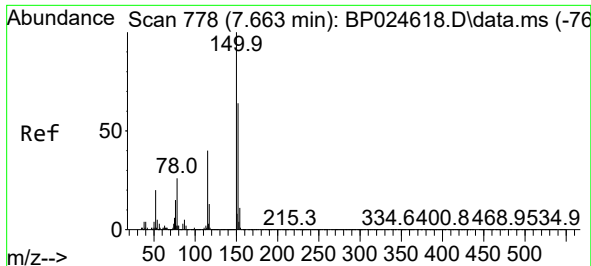
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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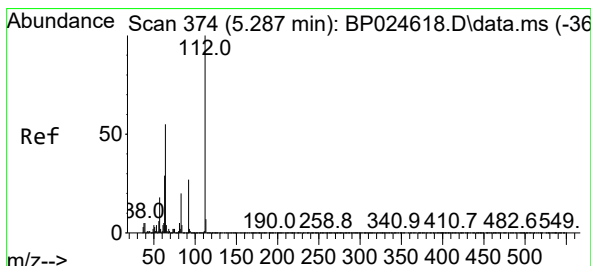
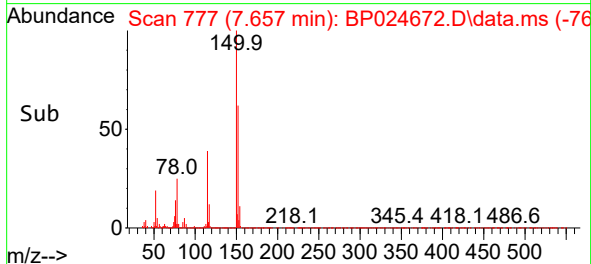
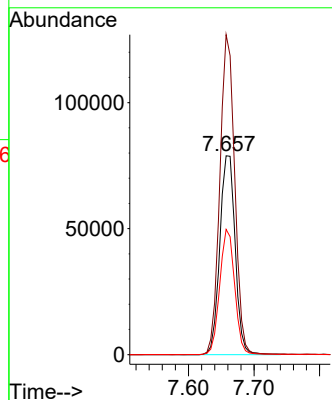
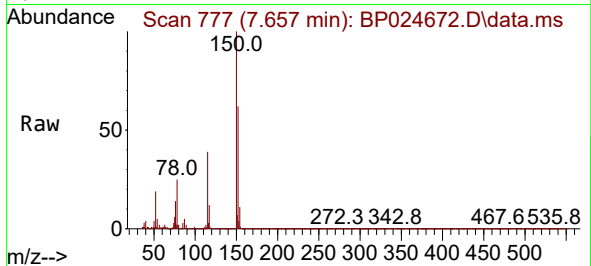




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024672.D
Acq: 17 May 2025 01:52

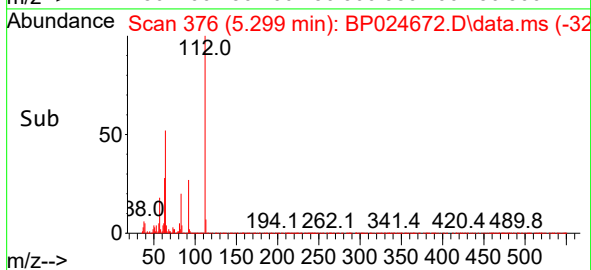
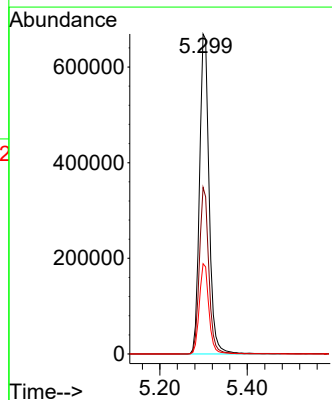
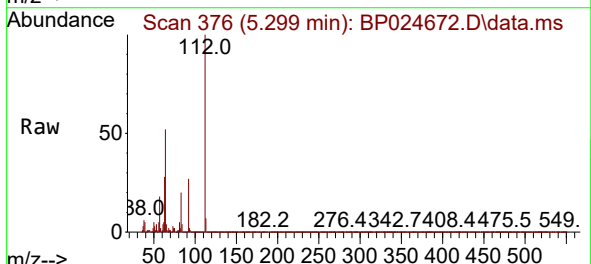
Instrument :
BNA_P
ClientSampleId :
L3-WC-2

Tgt Ion:152 Resp: 128256
Ion Ratio Lower Upper
152 100
150 160.9 125.9 188.9
115 62.9 50.1 75.1



#5
2-Fluorophenol
Concen: 136.221 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.012 min
Lab File: BP024672.D
Acq: 17 May 2025 01:52

Tgt Ion:112 Resp: 1021487
Ion Ratio Lower Upper
112 100
64 52.0 44.1 66.1
63 28.2 23.5 35.3

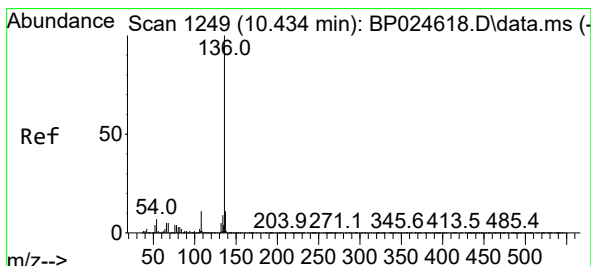
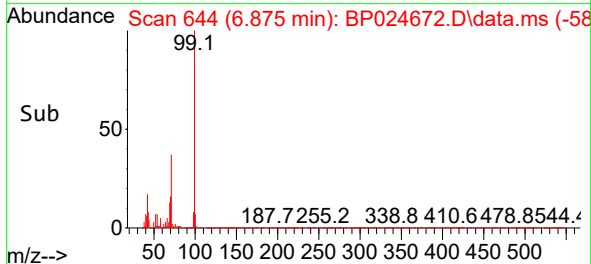
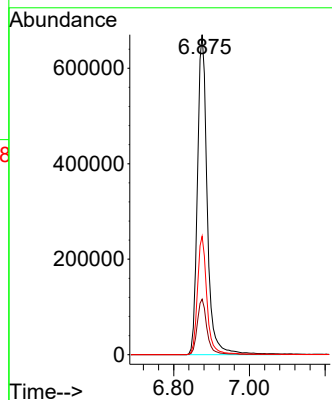
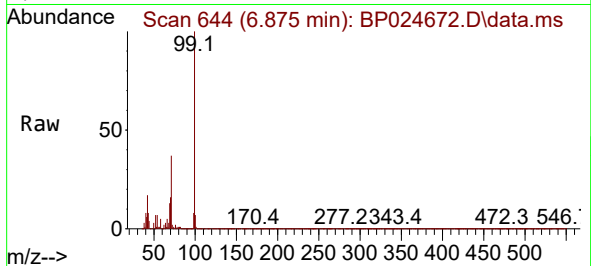




#7
Phenol-d6
Concen: 126.966 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.023 min
Lab File: BP024672.D
Acq: 17 May 2025 01:52

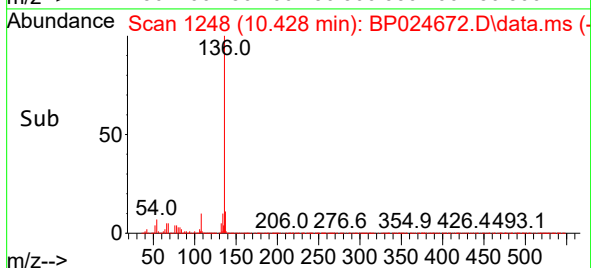
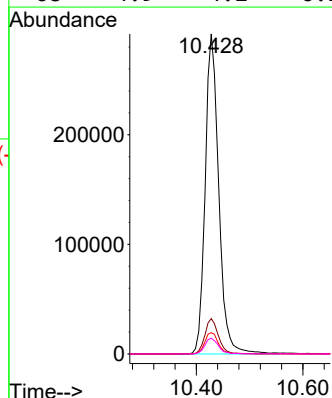
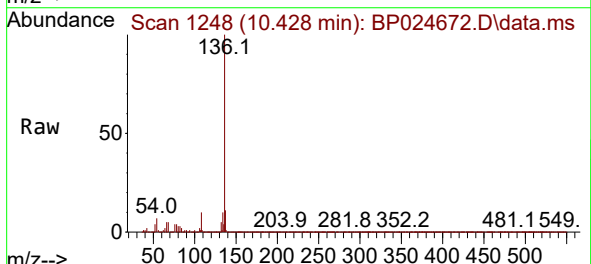
Instrument :
BNA_P
ClientSampleId :
L3-WC-2

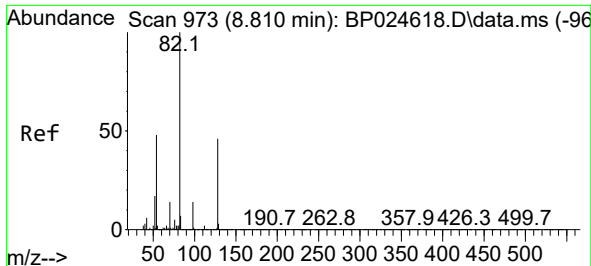
Tgt Ion: 99 Resp: 1215118
Ion Ratio Lower Upper
99 100
42 17.4 14.4 21.6
71 37.0 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024672.D
Acq: 17 May 2025 01:52

Tgt Ion: 136 Resp: 514831
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.5 8.3
68 4.9 4.2 6.2

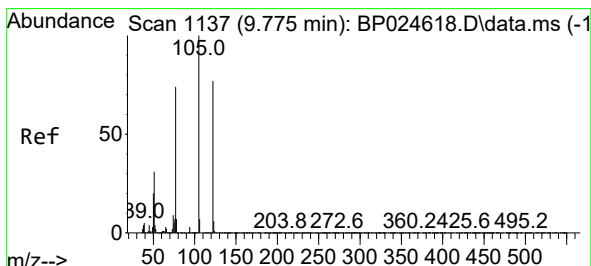
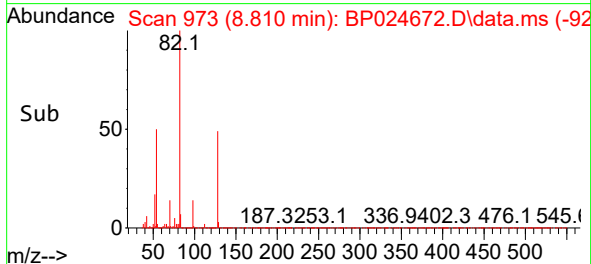
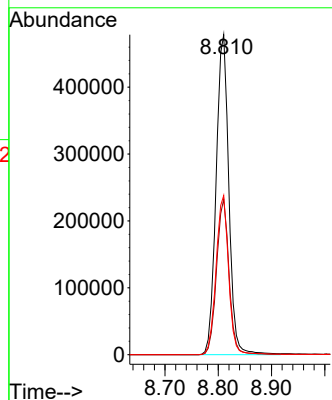
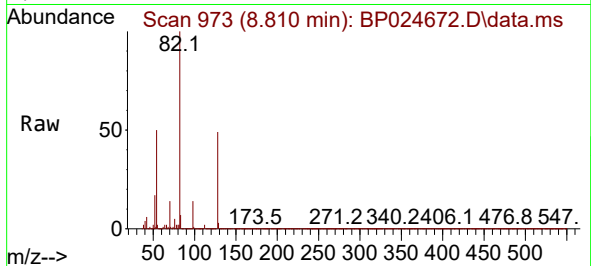




#23
Nitrobenzene-d5
Concen: 77.829 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024672.D
Acq: 17 May 2025 01:52

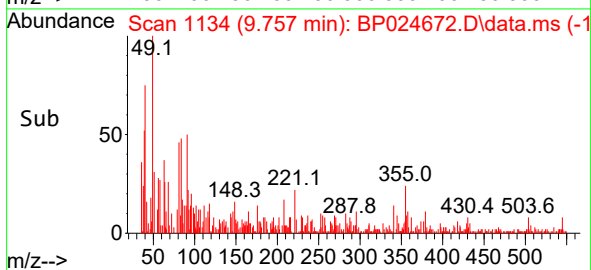
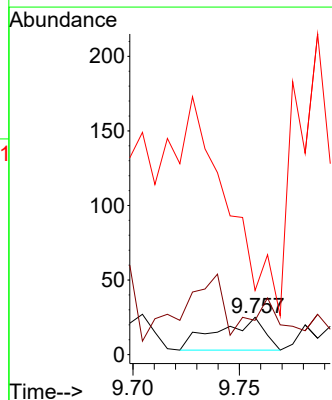
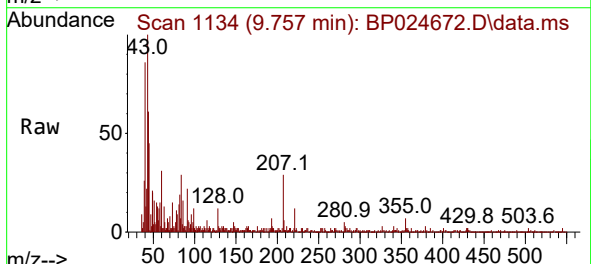
Instrument :
BNA_P
ClientSampleId :
L3-WC-2

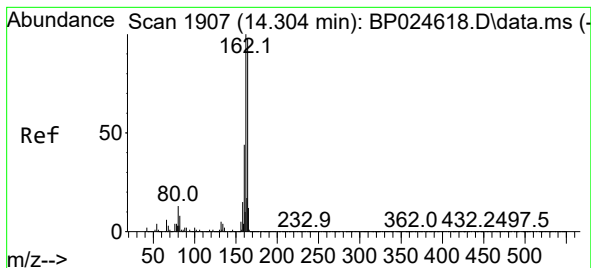
Tgt Ion: 82 Resp: 793024
Ion Ratio Lower Upper
82 100
128 48.6 37.0 55.4
54 49.8 38.7 58.1



#32
Benzoic acid
Concen: 7.474 ng
RT: 9.757 min Scan# 1134
Delta R.T. -0.018 min
Lab File: BP024672.D
Acq: 17 May 2025 01:52

Tgt Ion:122 Resp: 34
Ion Ratio Lower Upper
122 100
105 92.0 106.9 146.9#
77 172.0 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.292 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024672.D

Acq: 17 May 2025 01:52

Instrument :

BNA_P

ClientSampleId :

L3-WC-2

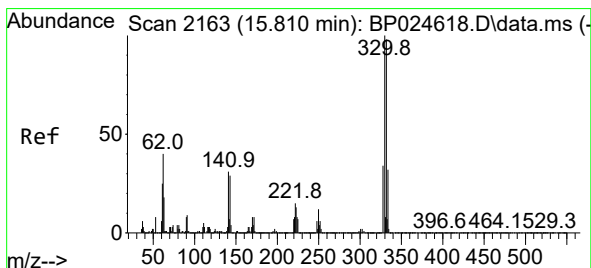
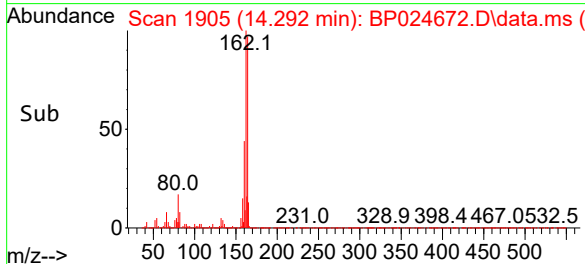
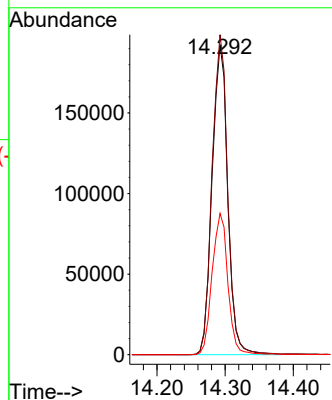
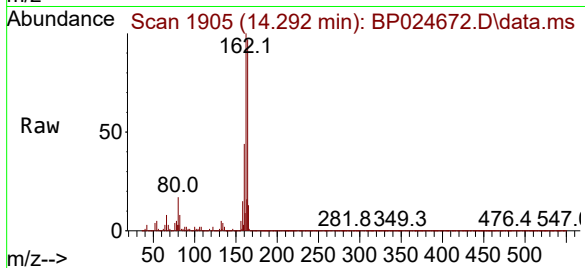
Tgt Ion:164 Resp: 306466

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.6

160 45.6 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 156.861 ng

RT: 15.816 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BP024672.D

Acq: 17 May 2025 01:52

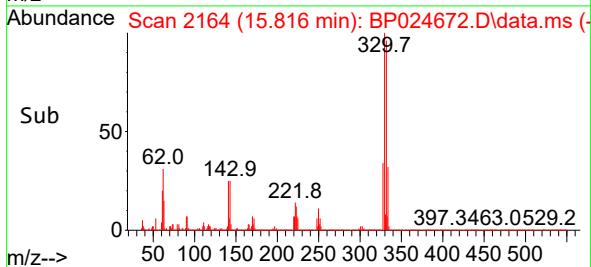
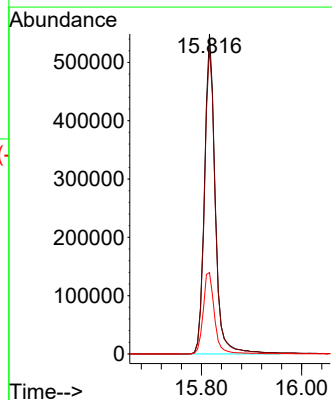
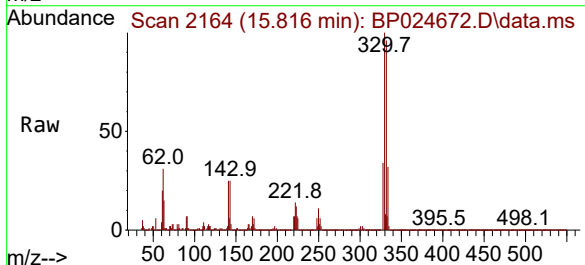
Tgt Ion:330 Resp: 814966

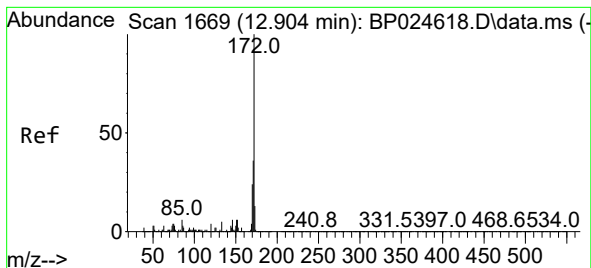
Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.4

141 26.9 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 86.060 ng

RT: 12.904 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024672.D

Acq: 17 May 2025 01:52

Instrument :

BNA_P

ClientSampleId :

L3-WC-2

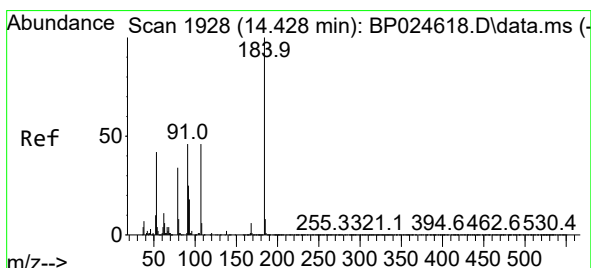
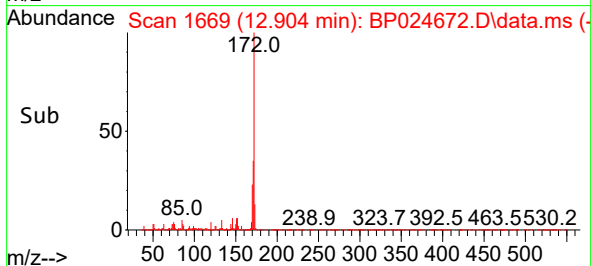
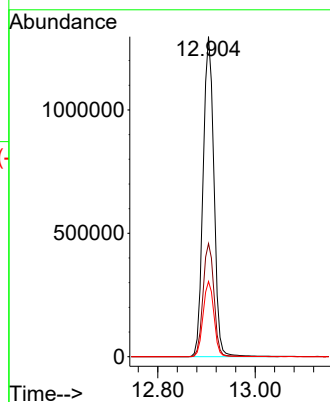
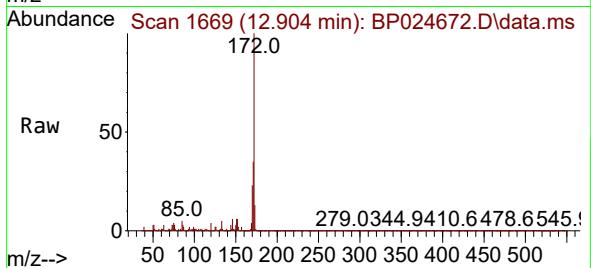
Tgt Ion:172 Resp: 2013124

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.5 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.406 ng

RT: 14.263 min Scan# 1900

Delta R.T. -0.165 min

Lab File: BP024672.D

Acq: 17 May 2025 01:52

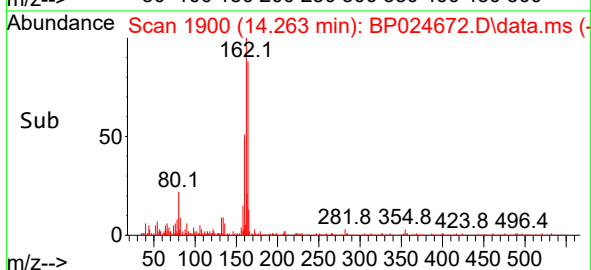
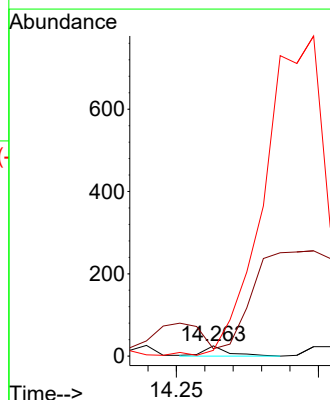
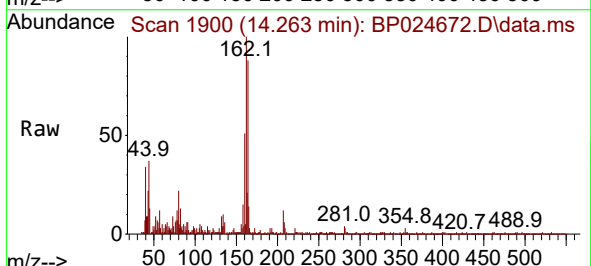
Tgt Ion:184 Resp: 15

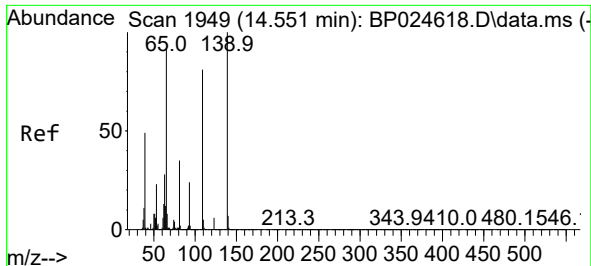
Ion Ratio Lower Upper

184 100

63 72.0 51.3 76.9

154 56.0 53.5 80.3

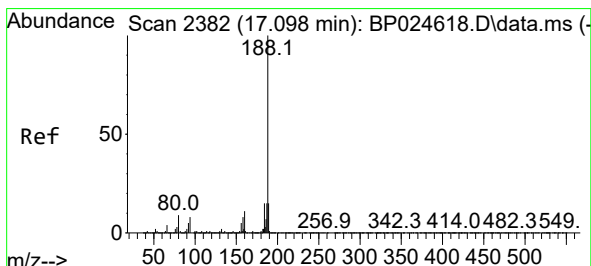
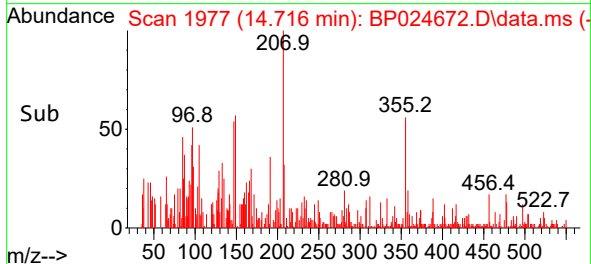
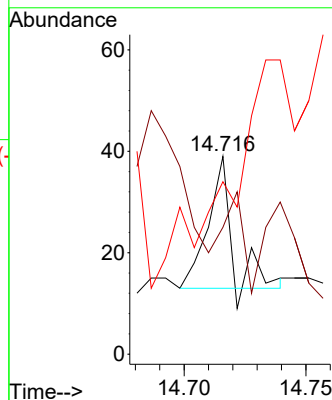
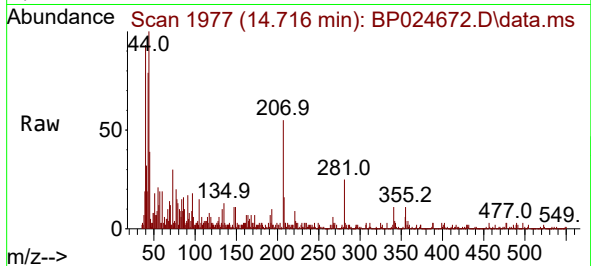




#56
4-Nitrophenol
Concen: 4.238 ng
RT: 14.716 min Scan# 1949
Delta R.T. 0.165 min
Lab File: BP024672.D
Acq: 17 May 2025 01:52

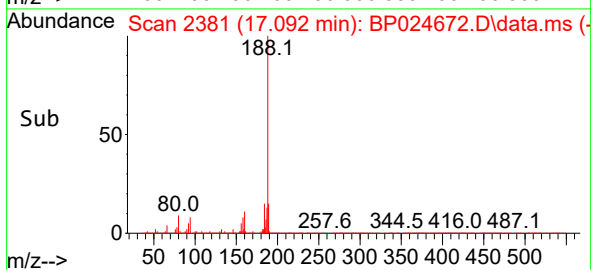
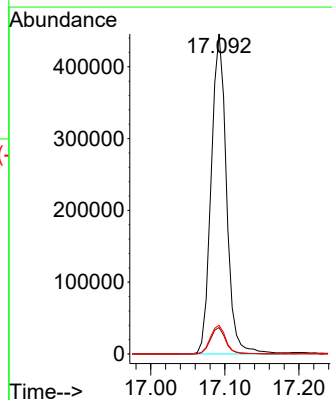
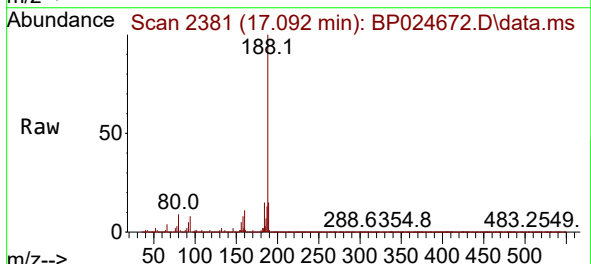
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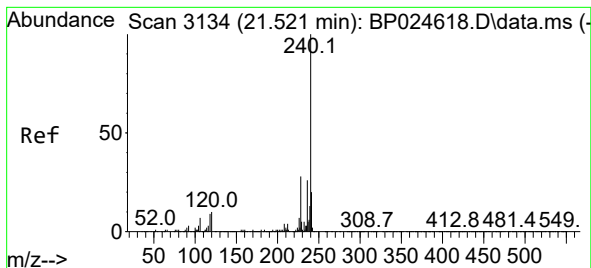
Tgt Ion:139 Resp: 18
Ion Ratio Lower Upper
139 100
109 64.1 61.4 101.4
65 87.2 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024672.D
Acq: 17 May 2025 01:52

Tgt Ion:188 Resp: 638998
Ion Ratio Lower Upper
188 100
94 8.3 6.5 9.7
80 8.9 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024672.D

Acq: 17 May 2025 01:52

Instrument :

BNA_P

ClientSampleId :

L3-WC-2

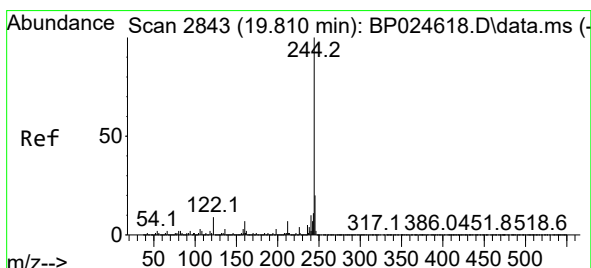
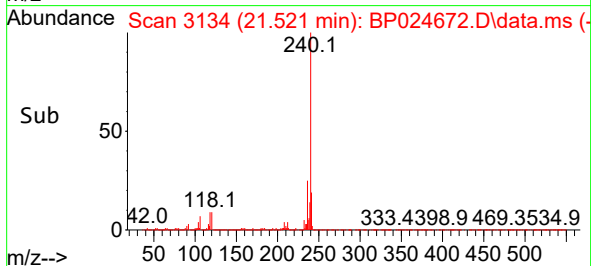
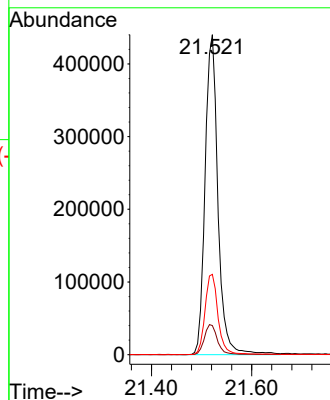
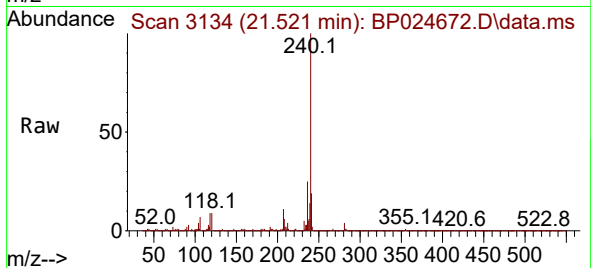
Tgt Ion:240 Resp: 784203

Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.6

236 25.1 20.6 31.0



#79

Terphenyl-d14

Concen: 87.062 ng

RT: 19.822 min Scan# 2845

Delta R.T. 0.012 min

Lab File: BP024672.D

Acq: 17 May 2025 01:52

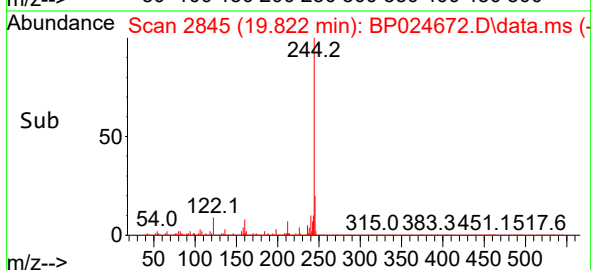
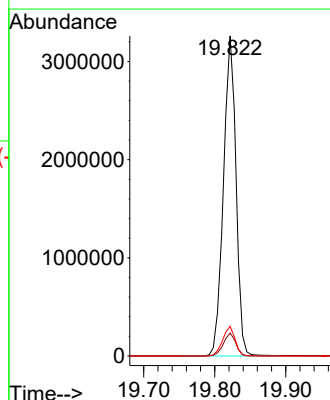
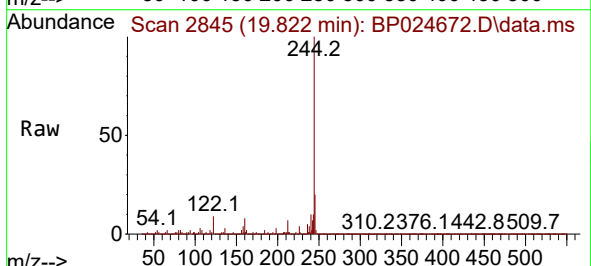
Tgt Ion:244 Resp: 3981734

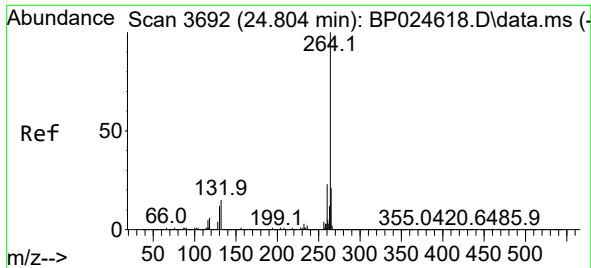
Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 9.3 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.804 min Scan# 30

Delta R.T. -0.000 min

Lab File: BP024672.D

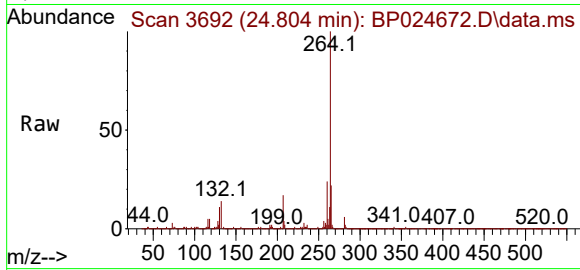
Acq: 17 May 2025 01:52

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:264 Resp: 919623

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.1 17.0 25.6

