

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024754.D
 Acq On : 22 May 2025 11:37
 Operator : RC/JU
 Sample : PB168098BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 22 11:56:30 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)

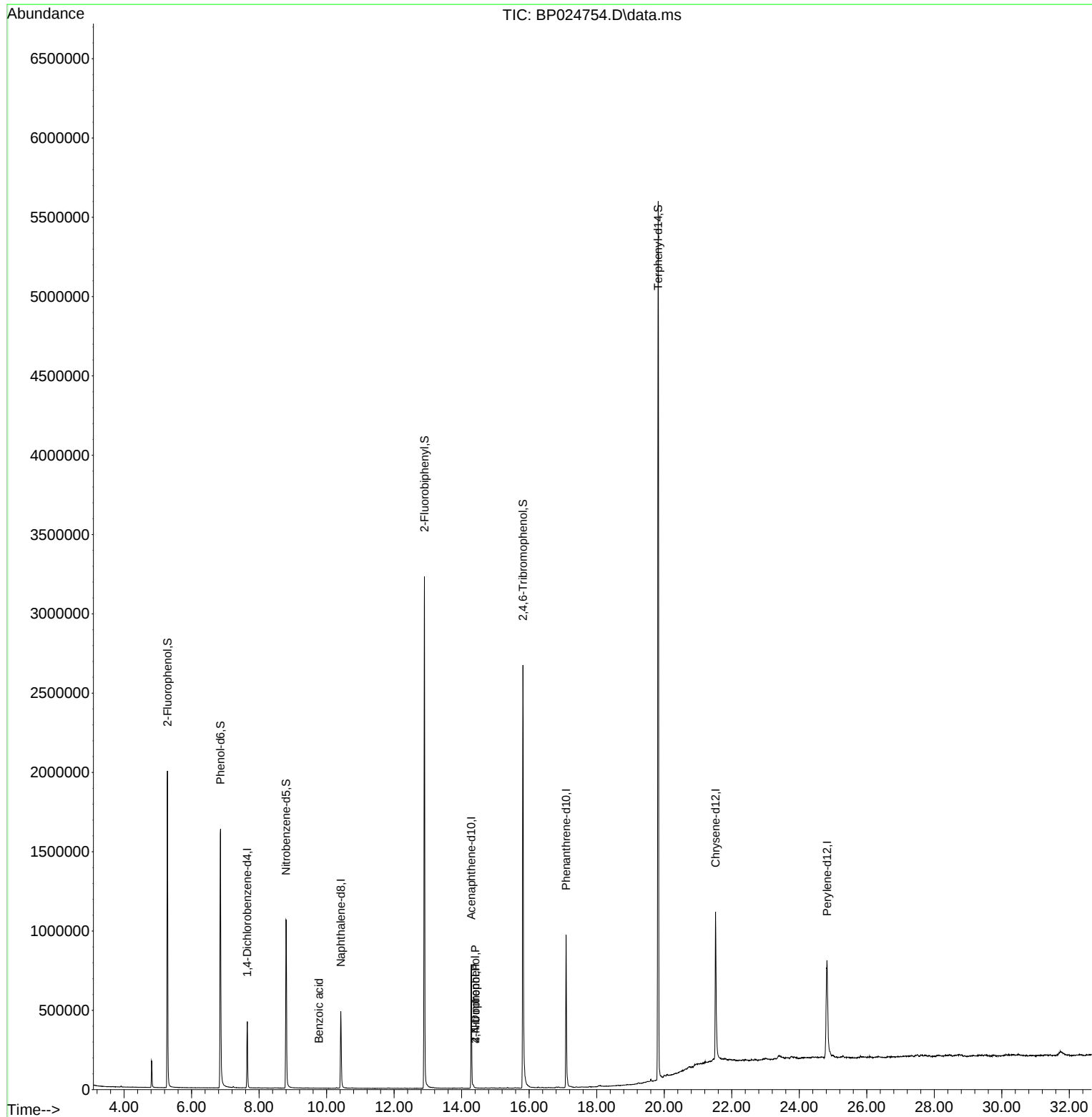
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	115351	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	453620	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	285428	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	613349	20.000	ng	0.00
76) Chrysene-d12	21.522	240	715536	20.000	ng	0.00
86) Perylene-d12	24.821	264	855120	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	894994	132.705	ng	0.00
7) Phenol-d6	6.858	99	1057300	122.835	ng	0.00
23) Nitrobenzene-d5	8.799	82	673508	75.019	ng	-0.01
42) 2,4,6-Tribromophenol	15.816	330	734079	151.706	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1683571	77.276	ng	0.00
79) Terphenyl-d14	19.822	244	3464548	83.024	ng	0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.775	122	54	7.478	ng	# 1
54) 2,4-Dinitrophenol	14.404	184	13	6.405	ng	# 1
56) 4-Nitrophenol	14.416	139	31	4.241	ng	# 10

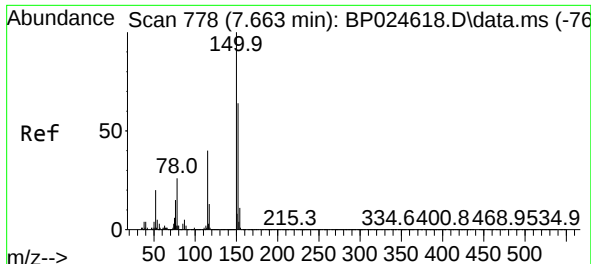
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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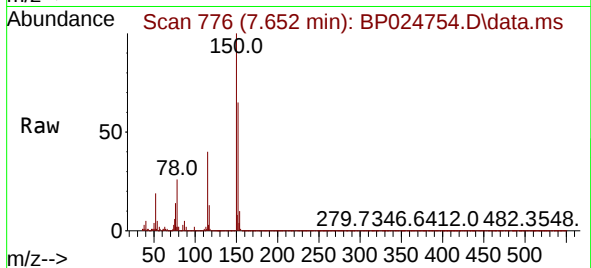
Quant Time: May 22 11:56:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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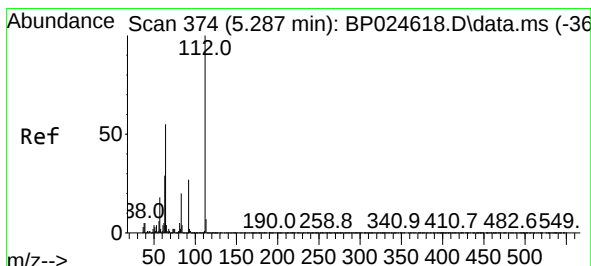
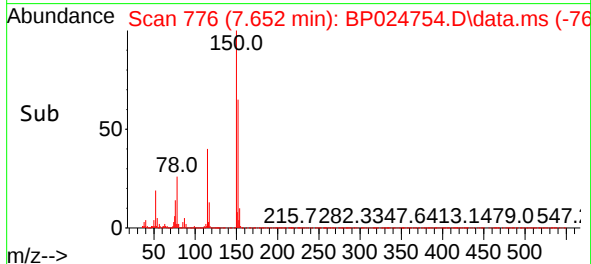
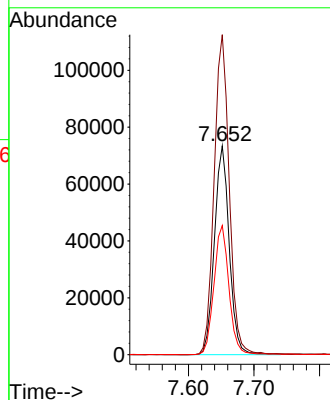


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Instrument :
BNA_P
ClientSampleId :

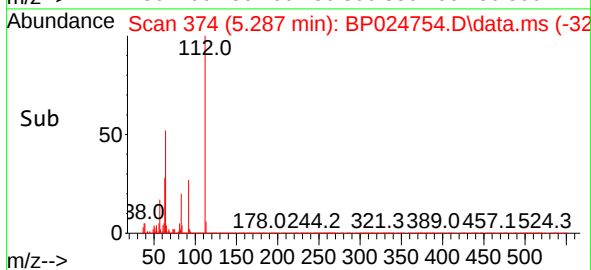
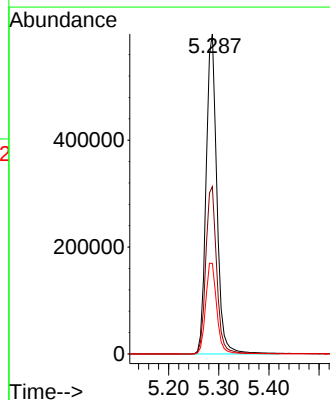
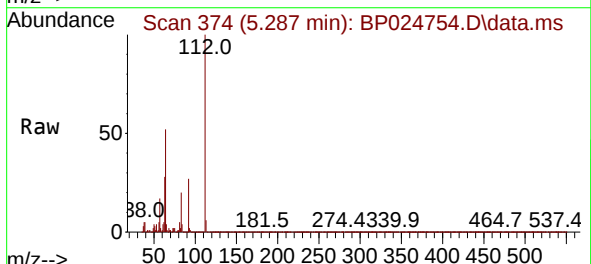


Tgt Ion:152 Resp: 115351
Ion Ratio Lower Upper
152 100
150 153.2 125.9 188.9
115 61.8 50.1 75.1



#5
2-Fluorophenol
Concen: 132.705 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:112 Resp: 894994
Ion Ratio Lower Upper
112 100
64 52.3 44.1 66.1
63 28.3 23.5 35.3

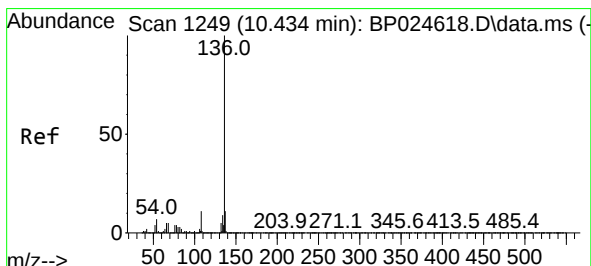
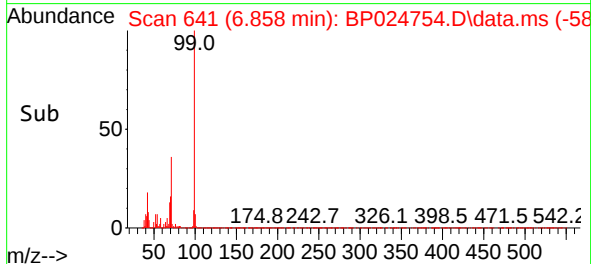
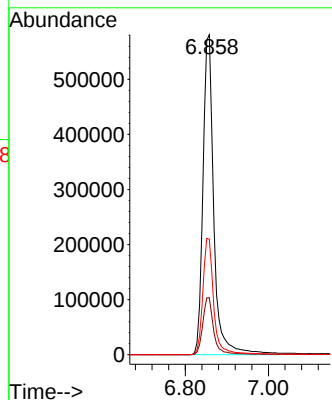
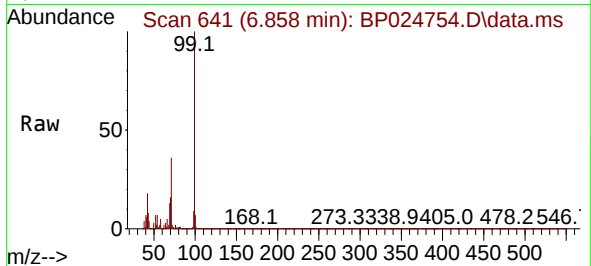




#7
Phenol-d6
Concen: 122.835 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

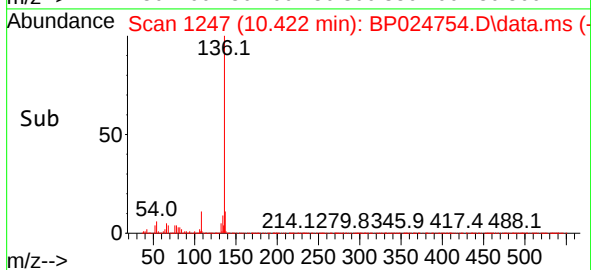
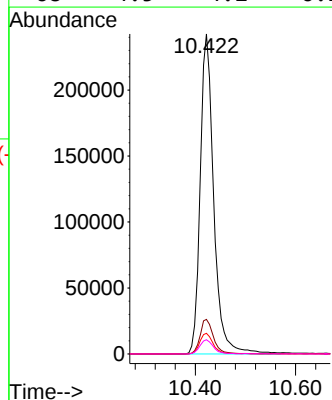
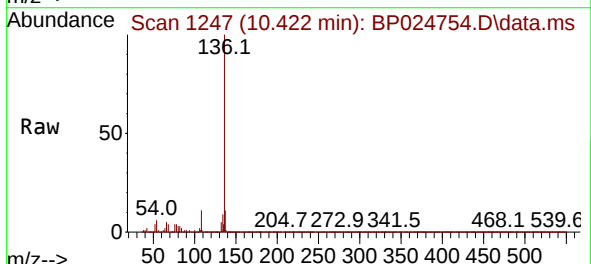
Instrument :
BNA_P
ClientSampleId :

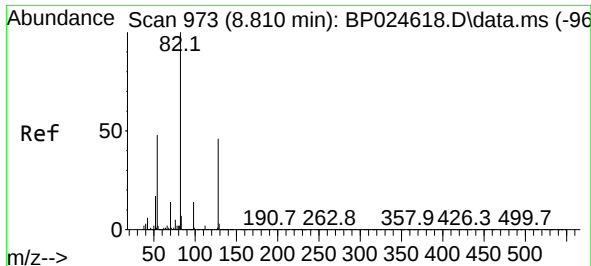
Tgt Ion: 99 Resp: 1057300
Ion Ratio Lower Upper
99 100
42 17.8 14.4 21.6
71 36.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion: 136 Resp: 453620
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.5 5.5 8.3
68 4.5 4.2 6.2

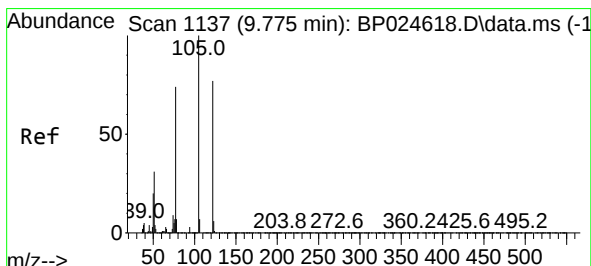
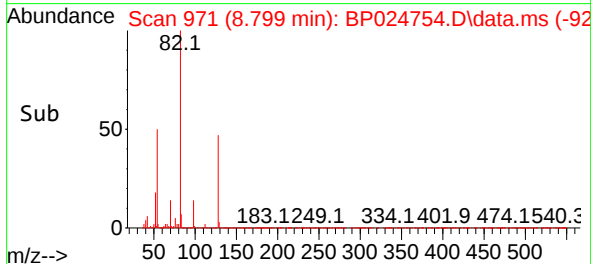
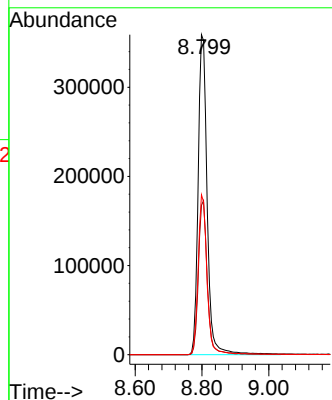
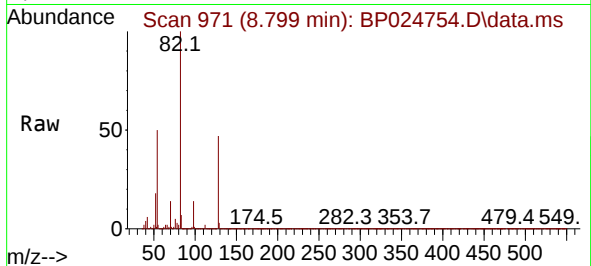




#23
Nitrobenzene-d5
Concen: 75.019 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

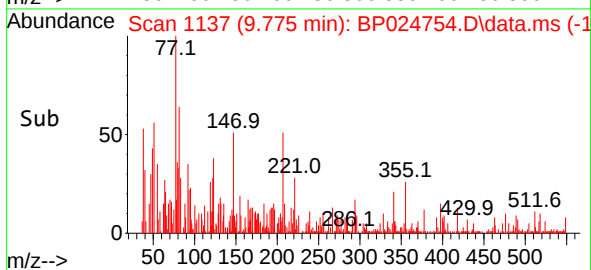
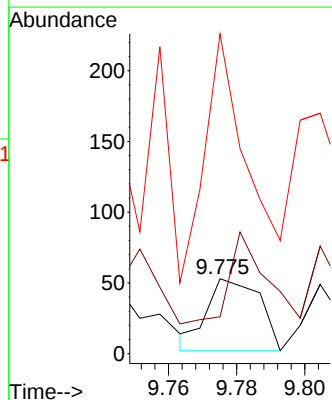
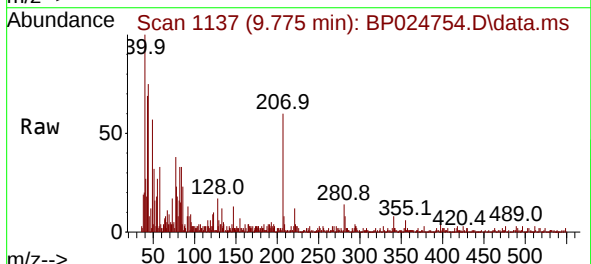
Instrument :
BNA_P
ClientSampleId :

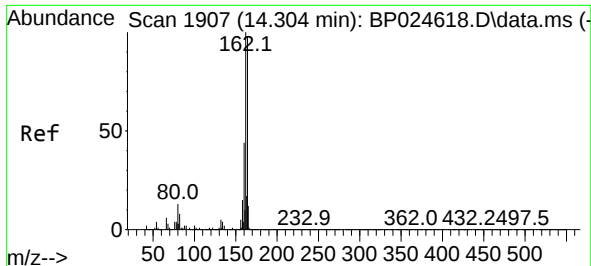
Tgt Ion: 82 Resp: 673508
Ion Ratio Lower Upper
82 100
128 46.7 37.0 55.4
54 50.0 38.7 58.1



#32
Benzoic acid
Concen: 7.478 ng
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

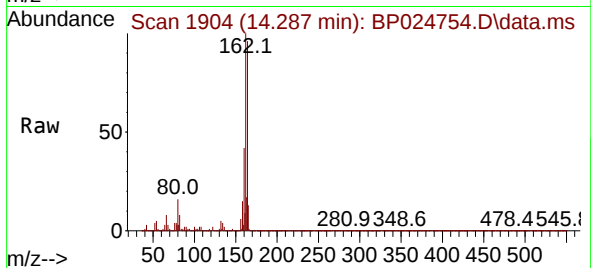
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 54.7 106.9 146.9#
77 426.4 75.1 115.1#



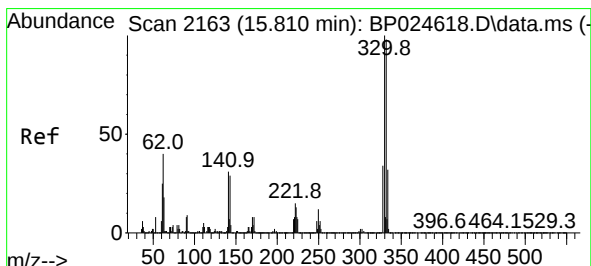
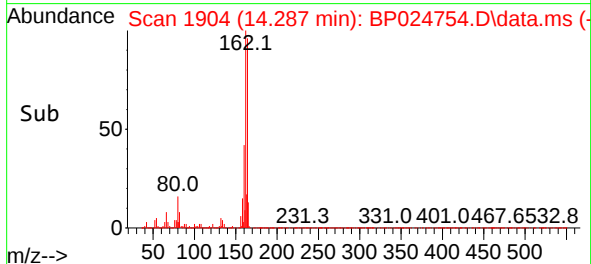
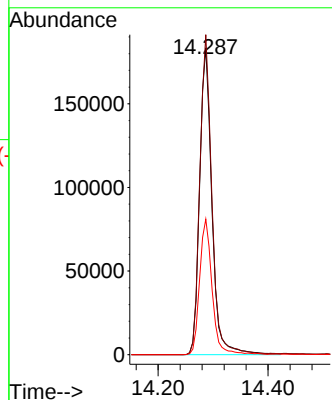


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Instrument :
BNA_P
ClientSampleId :

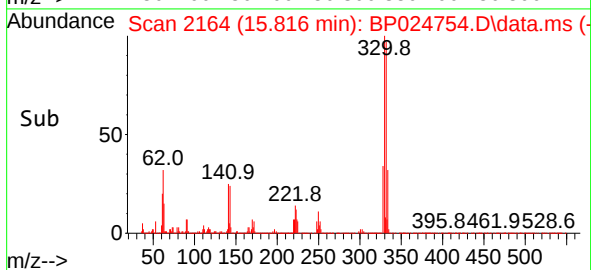
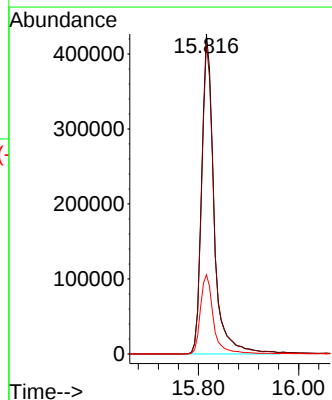
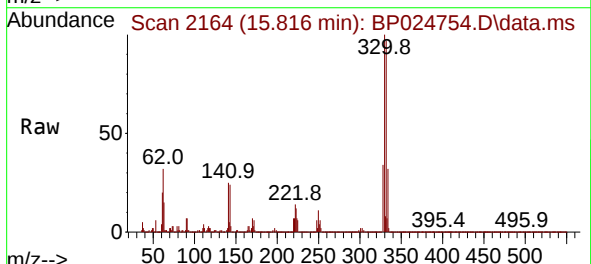


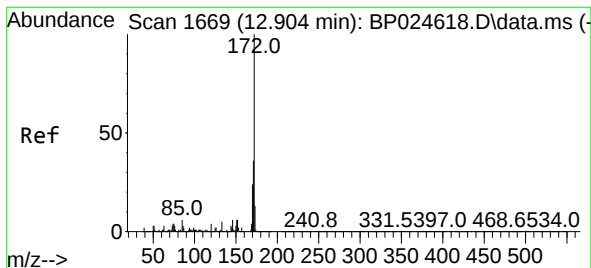
Tgt Ion:164 Resp: 285428
Ion Ratio Lower Upper
164 100
162 104.3 81.8 122.6
160 44.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 151.706 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:330 Resp: 734079
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.4
141 26.0 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 77.276 ng

RT: 12.898 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP024754.D

Acq: 22 May 2025 11:37

Instrument :

BNA_P

ClientSampleId :

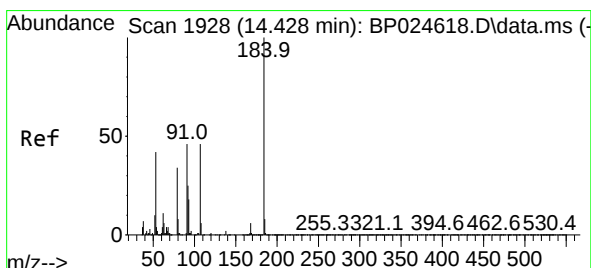
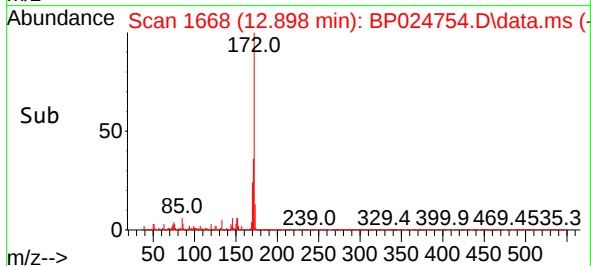
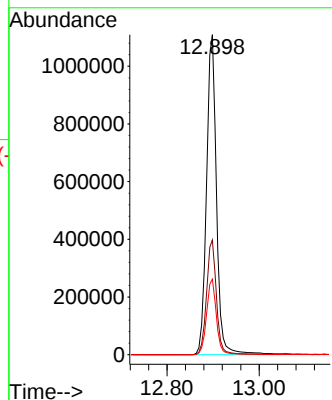
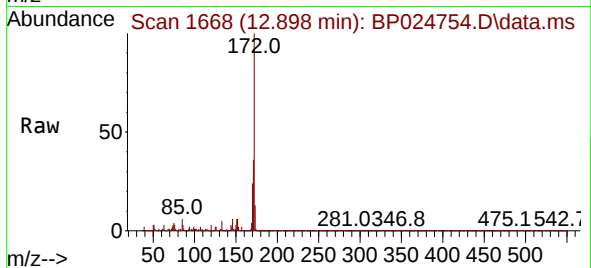
Tgt Ion:172 Resp: 1683571

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.6 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.405 ng

RT: 14.404 min Scan# 1924

Delta R.T. -0.024 min

Lab File: BP024754.D

Acq: 22 May 2025 11:37

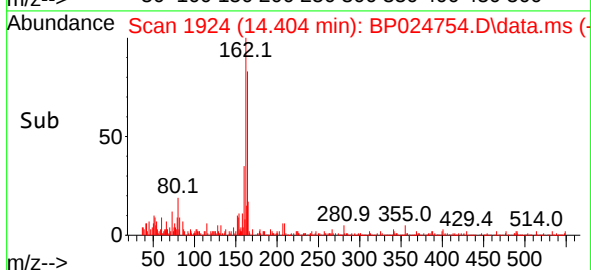
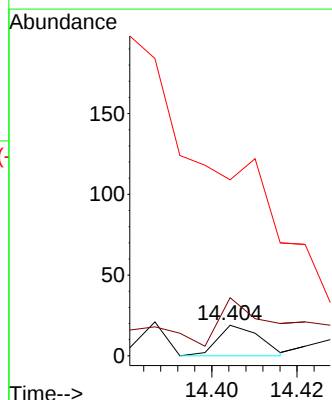
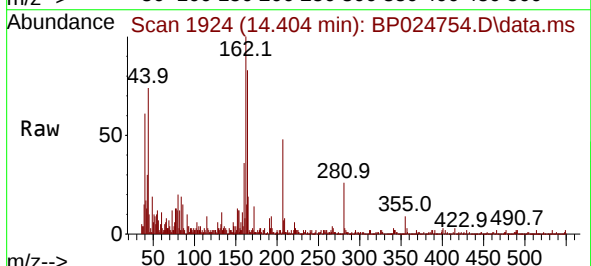
Tgt Ion:184 Resp: 13

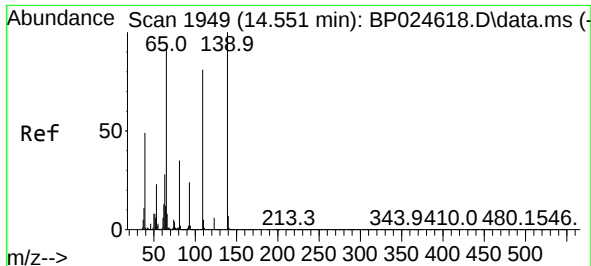
Ion Ratio Lower Upper

184 100

63 189.5 51.3 76.9#

154 573.7 53.5 80.3#

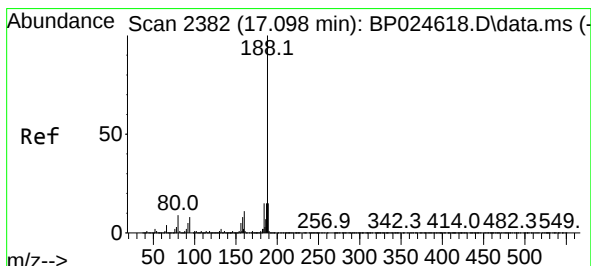
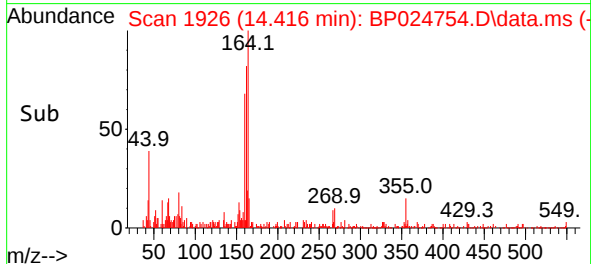
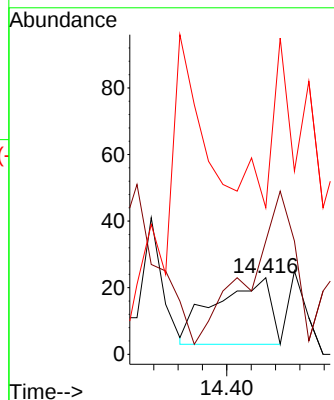
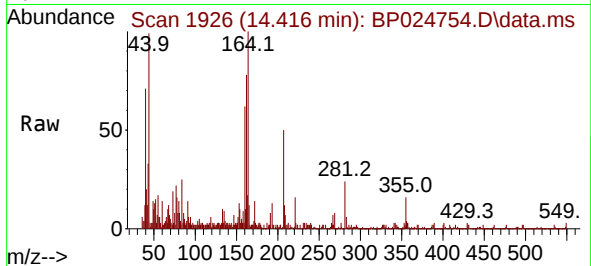




#56
4-Nitrophenol
Concen: 4.241 ng
RT: 14.416 min Scan# 1949
Delta R.T. -0.135 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

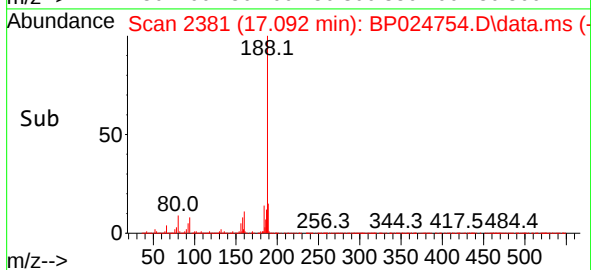
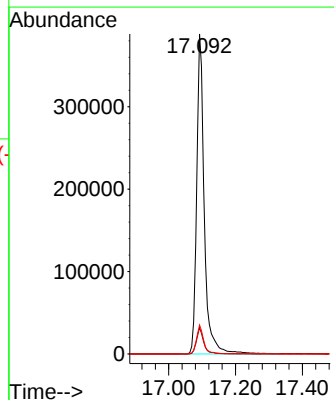
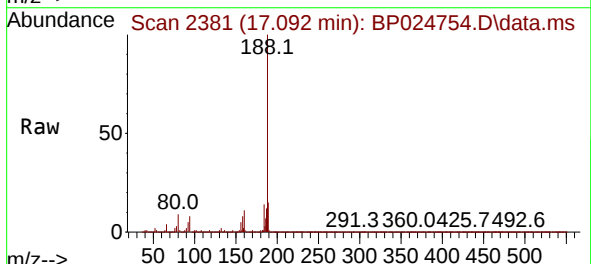
Instrument :
BNA_P
ClientSampleId :

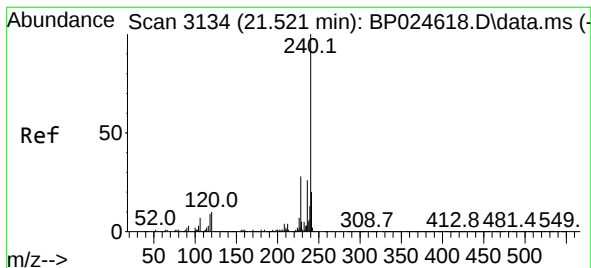
Tgt Ion:139 Resp: 31
Ion Ratio Lower Upper
139 100
109 147.8 61.4 101.4#
65 191.3 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:188 Resp: 613349
Ion Ratio Lower Upper
188 100
94 8.2 6.5 9.7
80 9.0 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024754.D

Acq: 22 May 2025 11:37

Instrument :

BNA_P

ClientSampleId :

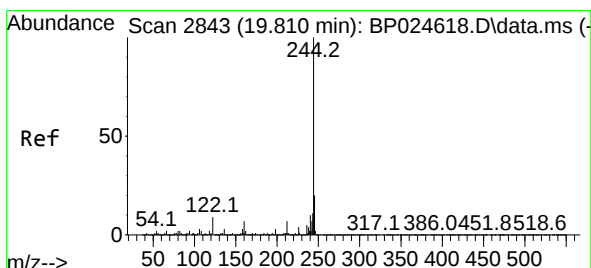
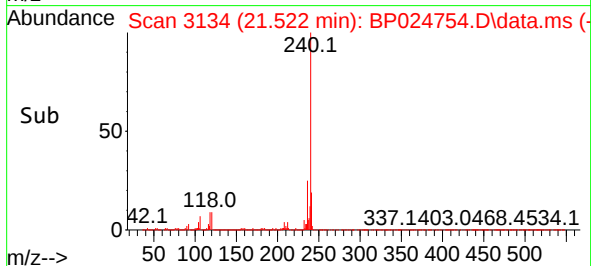
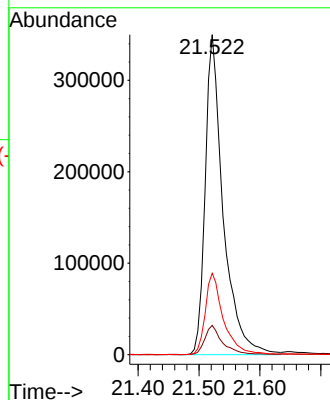
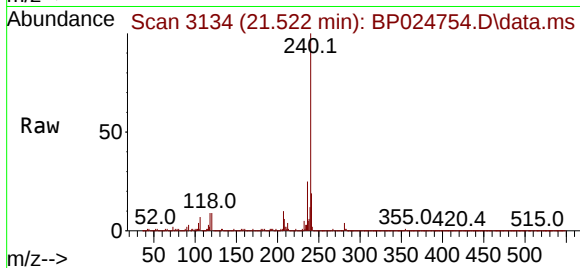
Tgt Ion:240 Resp: 715536

Ion Ratio Lower Upper

240 100

120 9.2 7.8 11.6

236 25.4 20.6 31.0



#79

Terphenyl-d14

Concen: 83.024 ng

RT: 19.822 min Scan# 2845

Delta R.T. 0.012 min

Lab File: BP024754.D

Acq: 22 May 2025 11:37

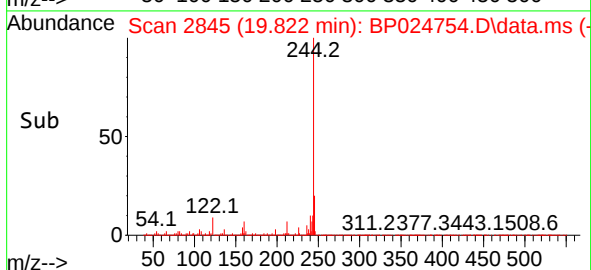
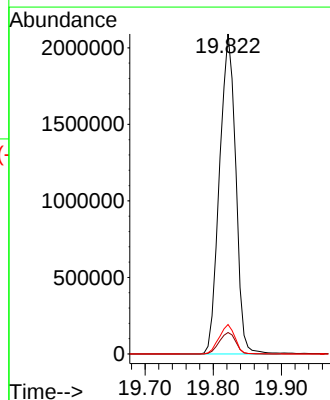
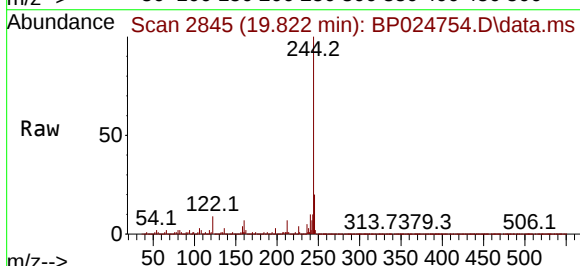
Tgt Ion:244 Resp: 3464548

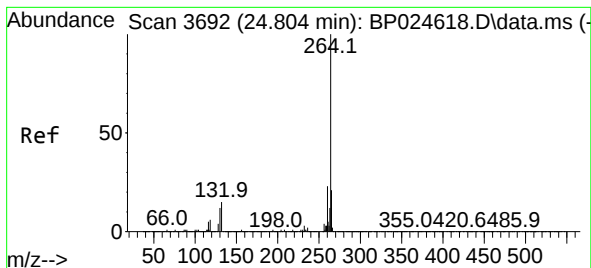
Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 9.2 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.821 min Scan# 30

Delta R.T. 0.018 min

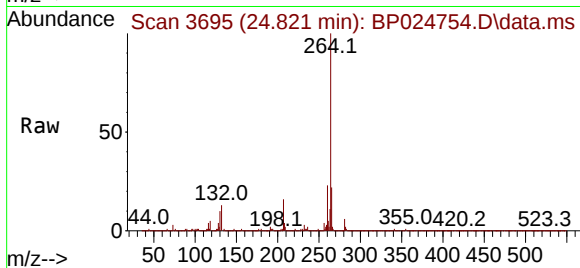
Lab File: BP024754.D

Acq: 22 May 2025 11:37

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:264 Resp: 855120

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.8 17.0 25.6

