

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024763.D
 Acq On : 22 May 2025 17:43
 Operator : RC/JU
 Sample : Q2097-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 22 18:03:27 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)

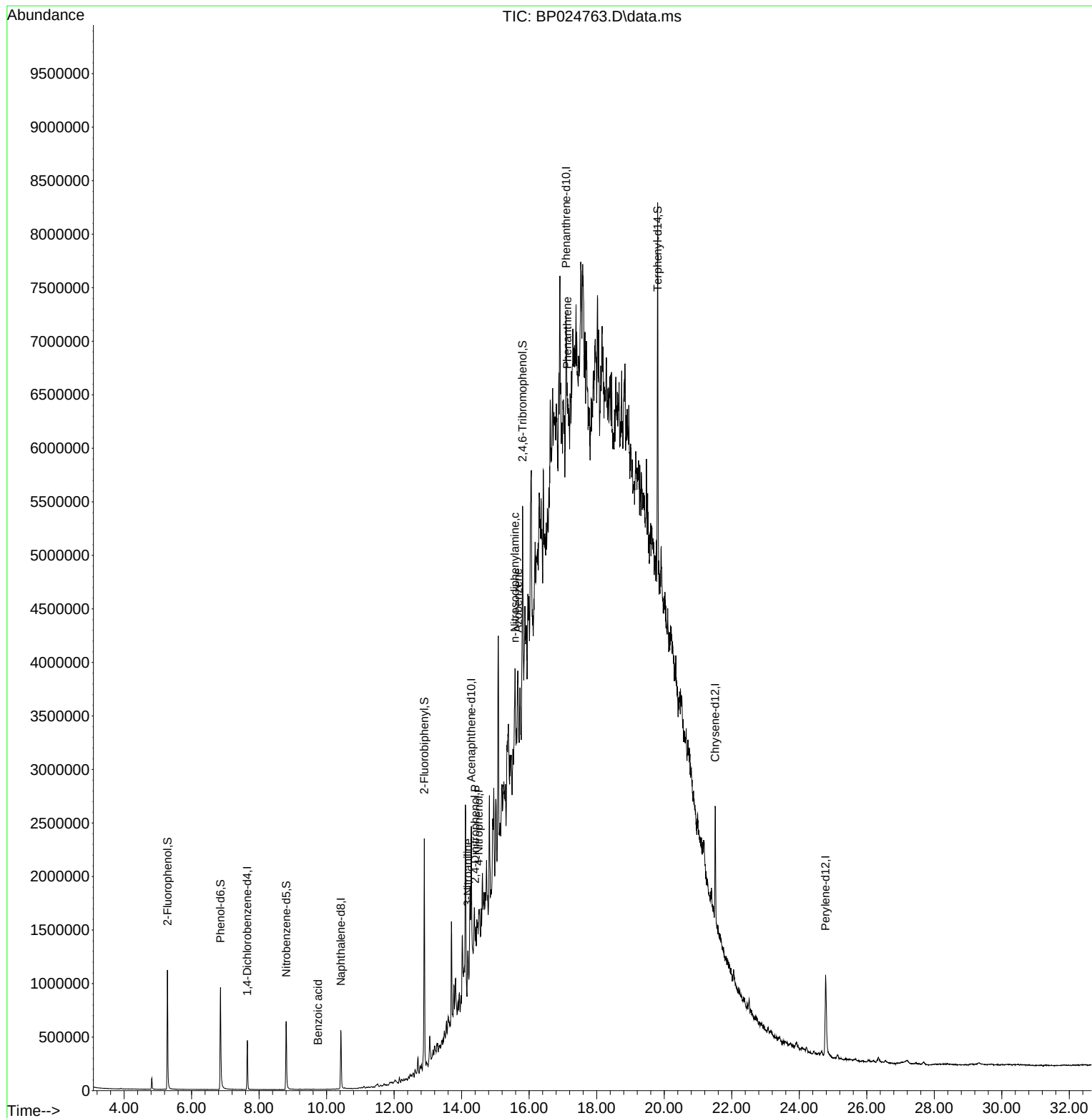
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	125370	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	499420	20.000	ng	-0.01
39) Acenaphthene-d10	14.286	164	334452	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	596869	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	699908	20.000	ng	-0.01
86) Perylene-d12	24.780	264	871761	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	526514	71.830	ng	0.00
7) Phenol-d6	6.857	99	637951	68.193	ng	0.00
23) Nitrobenzene-d5	8.804	82	399253	40.393	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	447570	78.938	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1073759	42.062	ng	-0.01
79) Terphenyl-d14	19.804	244	1726610	42.300	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.745	122	63	7.479	ng	# 1
53) 3-Nitroaniline	14.186	138	15906	2.893	ng	# 19
54) 2,4-Dinitrophenol	14.392	184	391	6.507	ng	# 1
56) 4-Nitrophenol	14.504	139	4157	5.061	ng	# 1
63) Azobenzene	15.669	77	97944	4.444	ng	# 4
66) n-Nitrosodiphenylamine	15.575	169	64193	3.501	ng	# 48
71) Phenanthrene	17.133	178	75448	2.274	ng	# 8

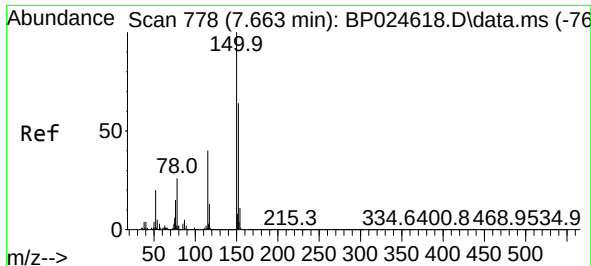
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024763.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

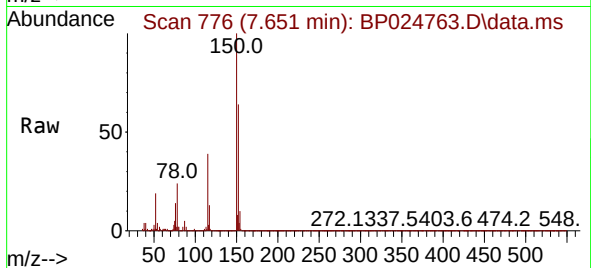
Quant Time: May 22 18:03:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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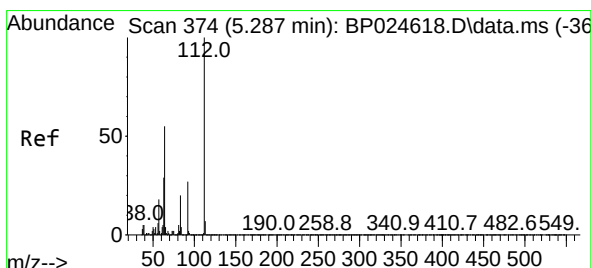
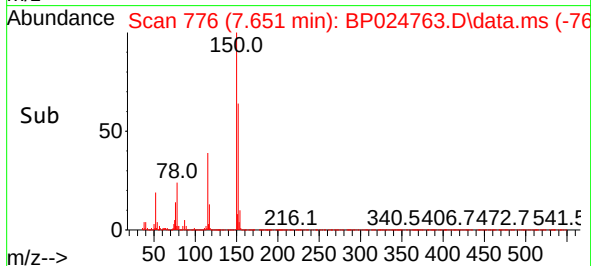
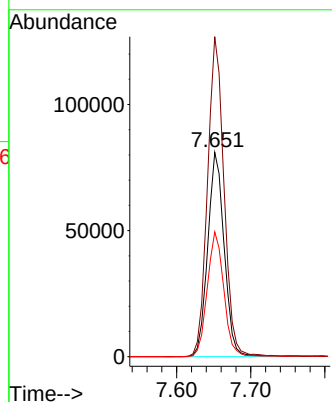


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.651 min Scan# 778
Delta R.T. -0.012 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

Instrument :
BNA_P
ClientSampleId :

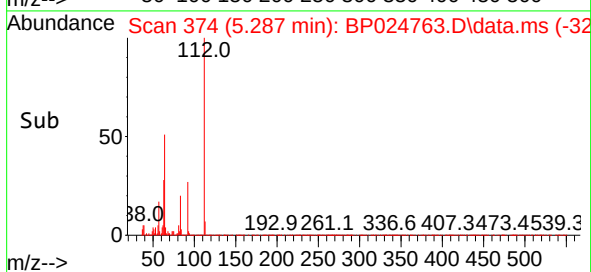
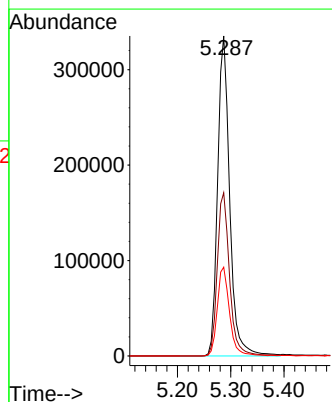
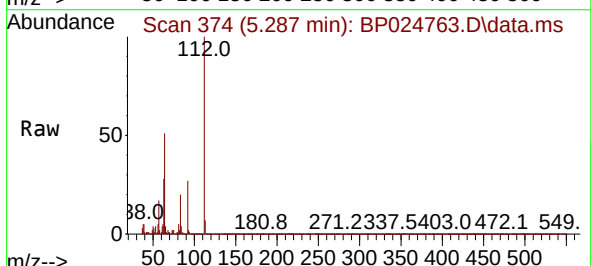


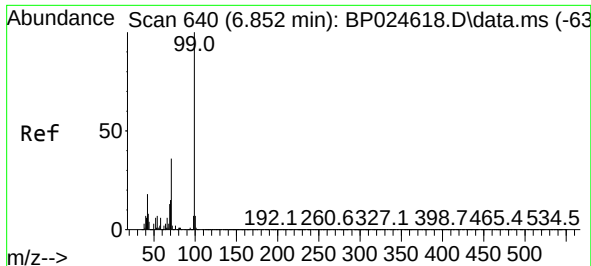
Tgt Ion:152 Resp: 125370
Ion Ratio Lower Upper
152 100
150 156.6 125.9 188.9
115 61.1 50.1 75.1



#5
2-Fluorophenol
Concen: 71.830 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

Tgt Ion:112 Resp: 526514
Ion Ratio Lower Upper
112 100
64 51.0 44.1 66.1
63 27.8 23.5 35.3

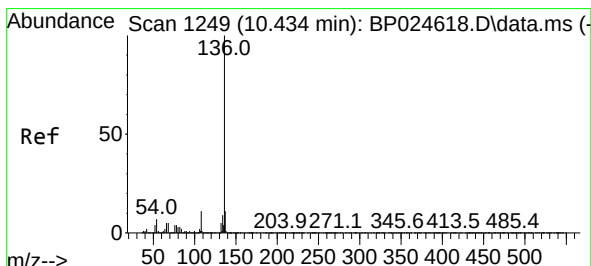
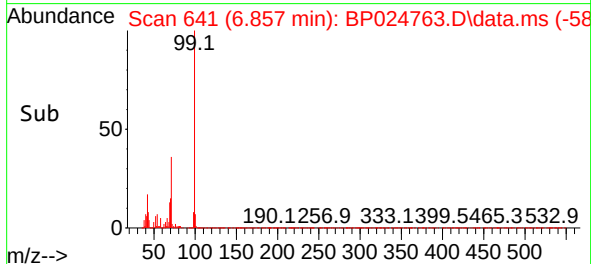
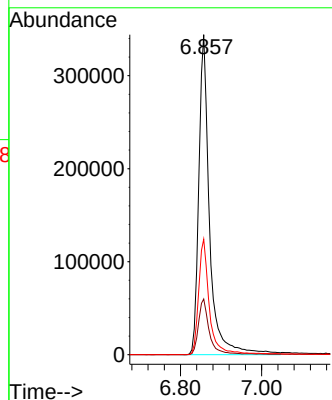
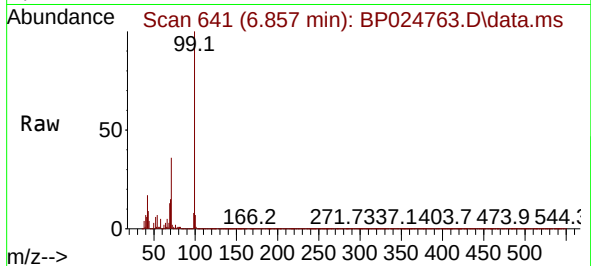




#7
Phenol-d6
Concen: 68.193 ng
RT: 6.857 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

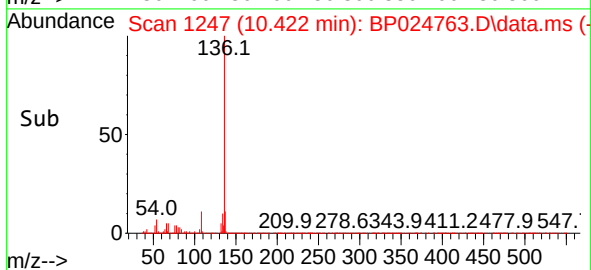
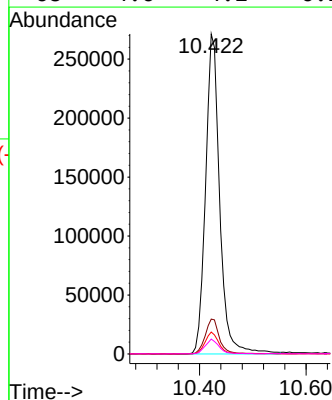
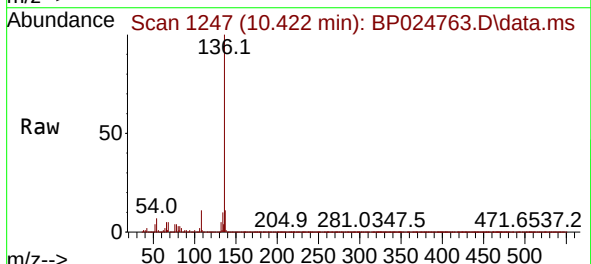
Instrument :
BNA_P
ClientSampleId :

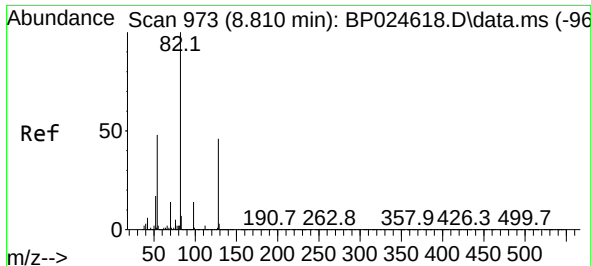
Tgt Ion: 99 Resp: 637951
Ion Ratio Lower Upper
99 100
42 17.4 14.4 21.6
71 36.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

Tgt Ion: 136 Resp: 499420
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.9 5.5 8.3
68 4.6 4.2 6.2

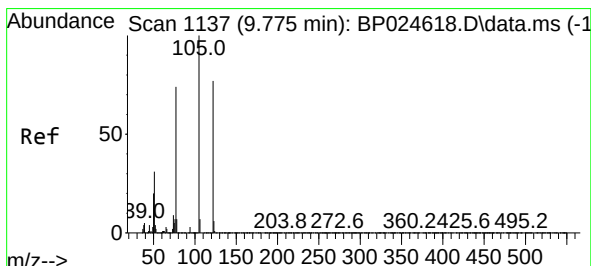
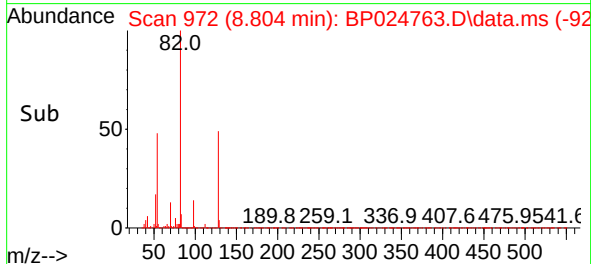
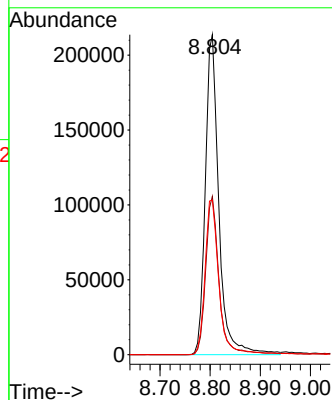
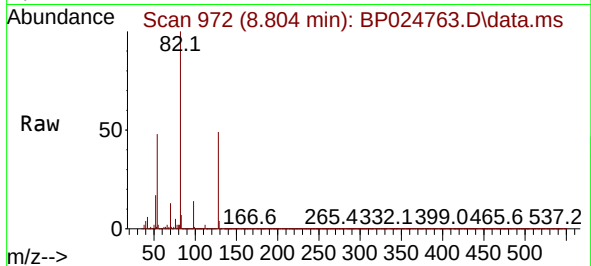




#23
Nitrobenzene-d5
Concen: 40.393 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

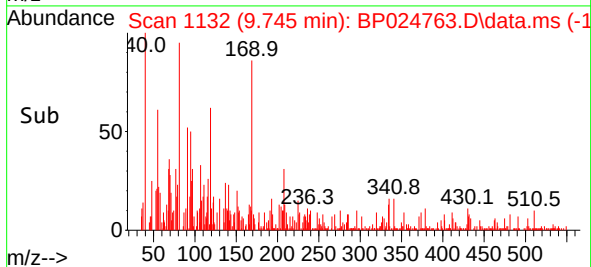
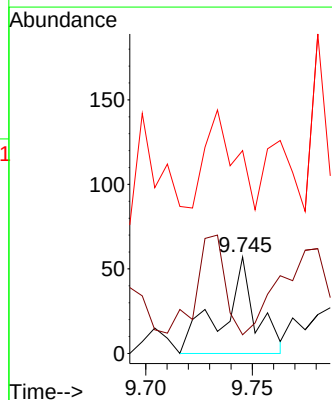
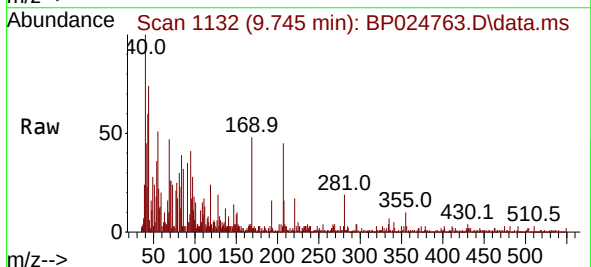
Instrument :
BNA_P
ClientSampleId :

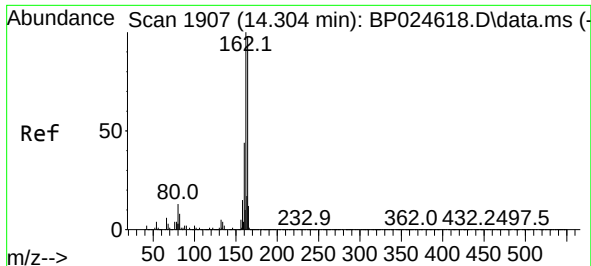
Tgt Ion: 82 Resp: 399253
Ion Ratio Lower Upper
82 100
128 49.4 37.0 55.4
54 48.4 38.7 58.1



#32
Benzoic acid
Concen: 7.479 ng
RT: 9.745 min Scan# 1132
Delta R.T. -0.030 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

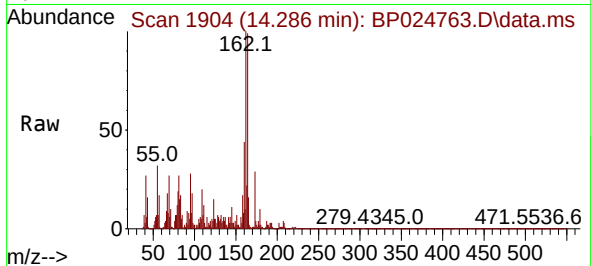
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 19.3 106.9 146.9#
77 210.5 75.1 115.1#



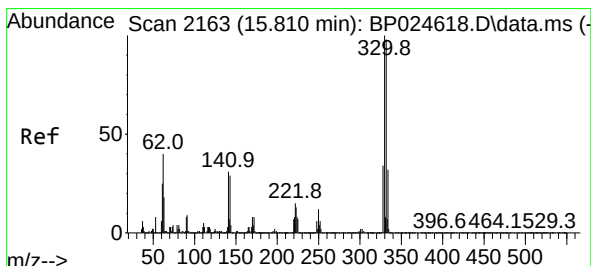
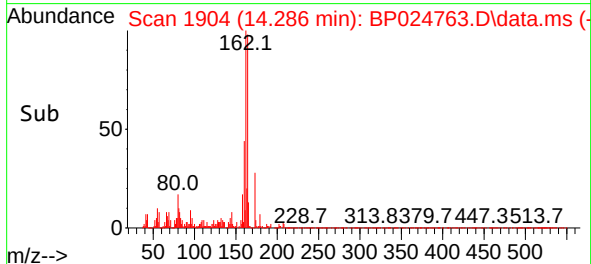
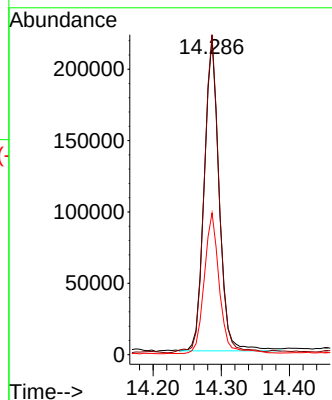


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

Instrument :
BNA_P
ClientSampleId :

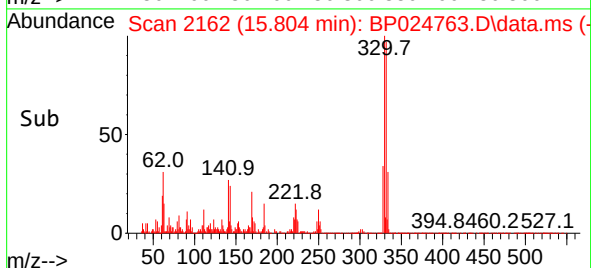
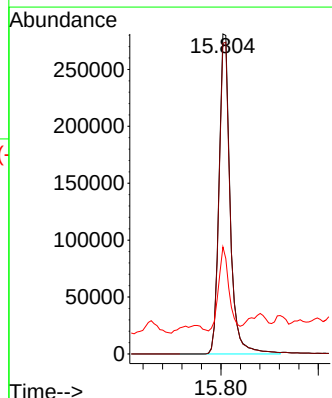
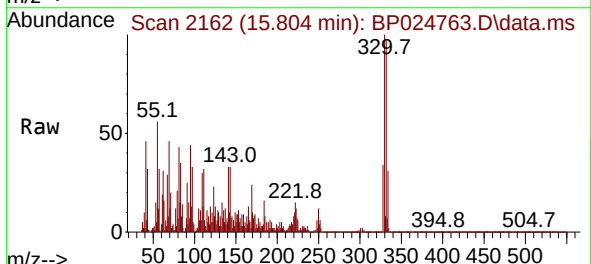


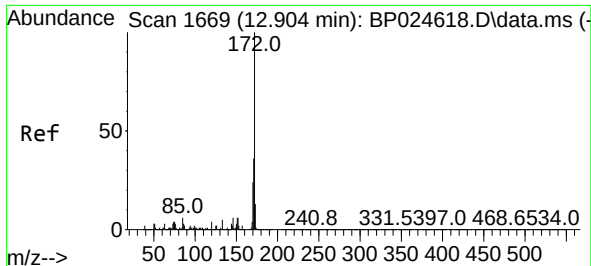
Tgt Ion:164 Resp: 334452
Ion Ratio Lower Upper
164 100
162 101.2 81.8 122.6
160 44.8 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 78.938 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

Tgt Ion:330 Resp: 447570
Ion Ratio Lower Upper
330 100
332 98.3 78.2 117.4
141 24.2 24.3 36.5#

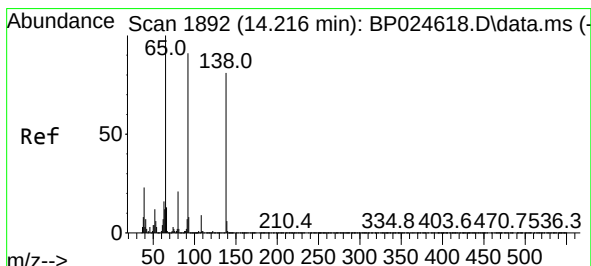
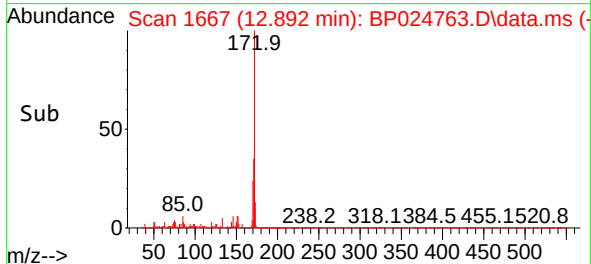
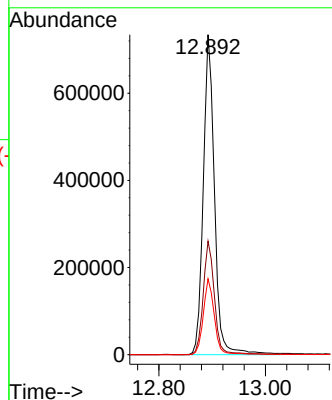
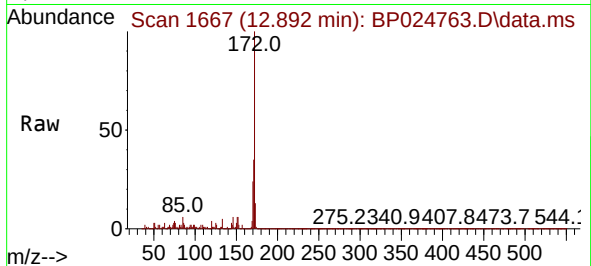




#45
2-Fluorobiphenyl
Concen: 42.062 ng
RT: 12.892 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

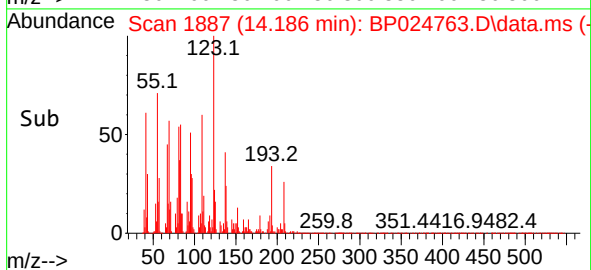
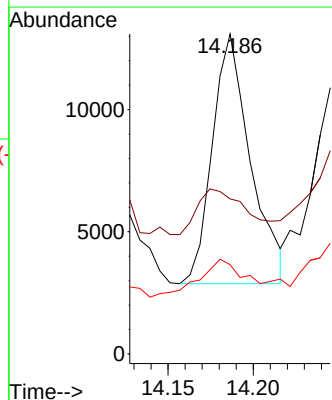
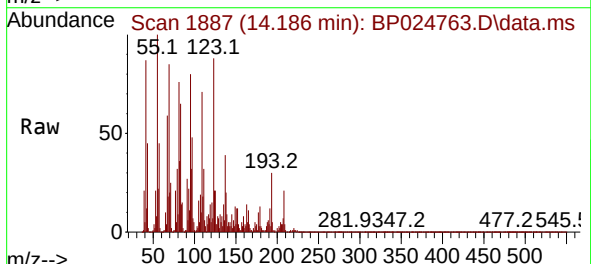
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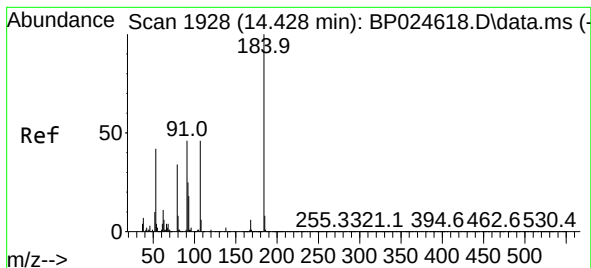
Tgt Ion:172 Resp: 1073759
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.7 18.8 28.2



#53
3-Nitroaniline
Concen: 2.893 ng
RT: 14.186 min Scan# 1887
Delta R.T. -0.030 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

Tgt Ion:138 Resp: 15906
Ion Ratio Lower Upper
138 100
108 48.4 9.0 13.4#
92 27.9 90.1 135.1#

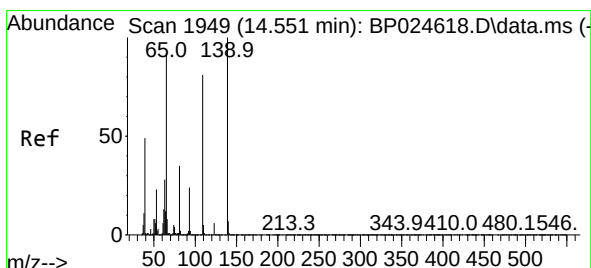
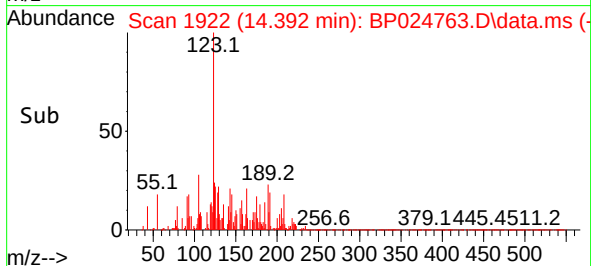
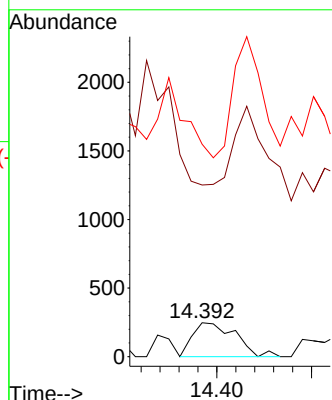
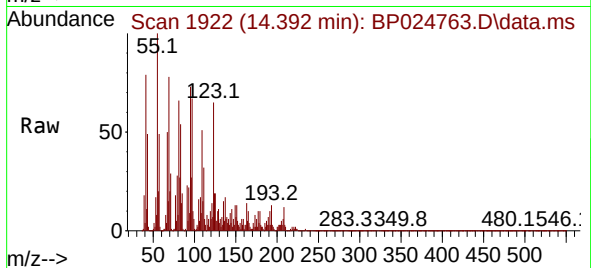




#54
2,4-Dinitrophenol
Concen: 6.507 ng
RT: 14.392 min Scan# 1928
Delta R.T. -0.036 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

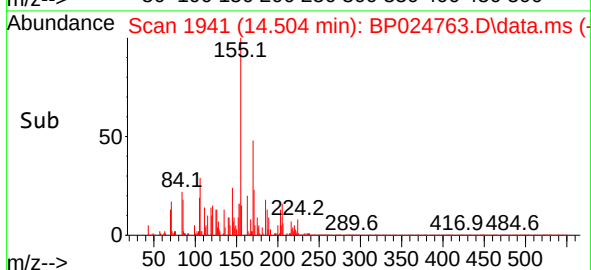
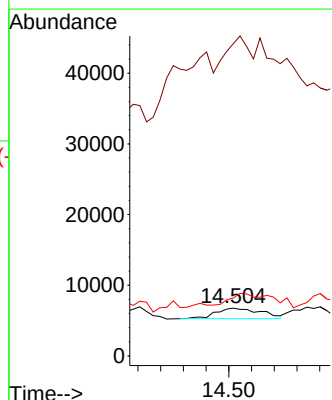
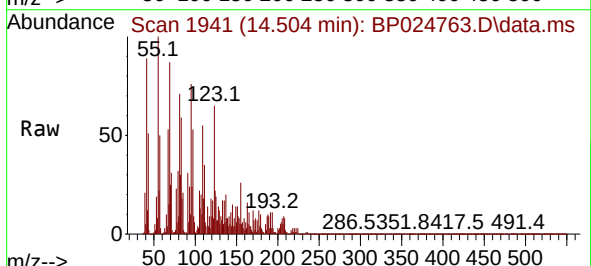
Instrument :
BNA_P
ClientSampleId :

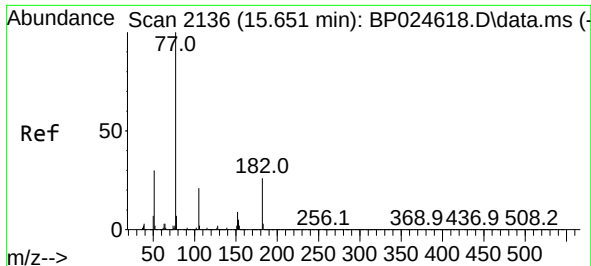
Tgt Ion:184 Resp: 391
Ion Ratio Lower Upper
184 100
63 506.9 51.3 76.9#
154 627.1 53.5 80.3#



#56
4-Nitrophenol
Concen: 5.061 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.047 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

Tgt Ion:139 Resp: 4157
Ion Ratio Lower Upper
139 100
109 652.5 61.4 101.4#
65 121.1 72.2 112.2#

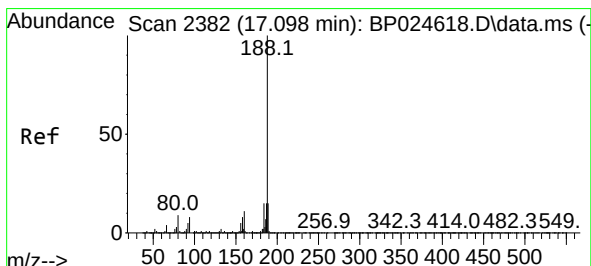
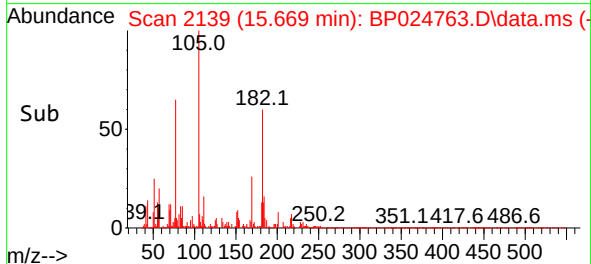
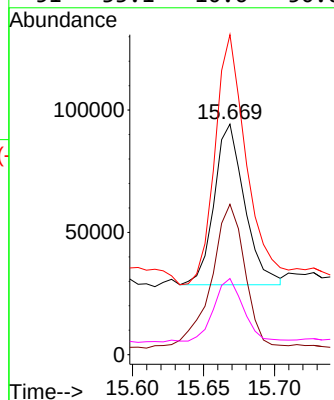
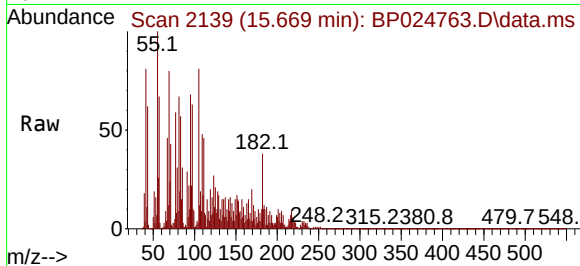




#63
Azobenzene
Concen: 4.444 ng
RT: 15.669 min Scan# 2136
Delta R.T. 0.017 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

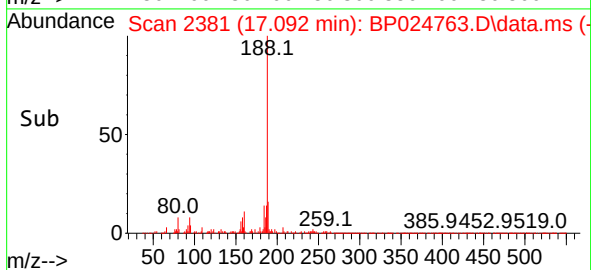
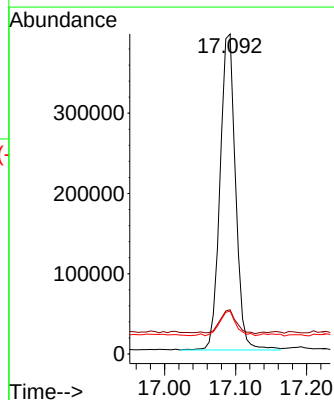
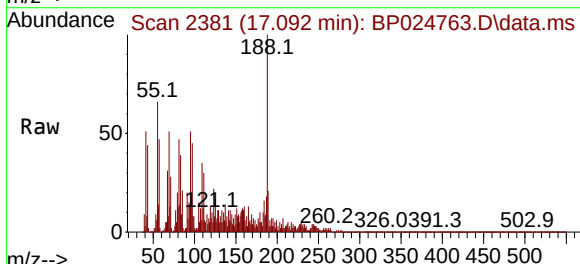
Instrument :
BNA_P
ClientSampleId :

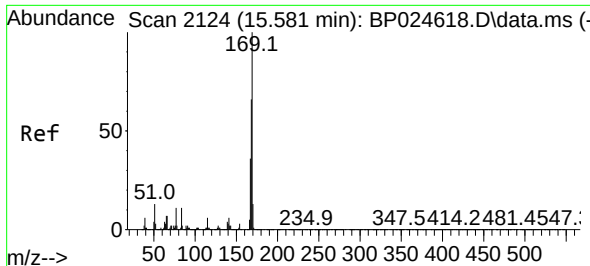
Tgt Ion: 77	Resp: 97944
Ion Ratio	Lower Upper
77 100	
182 65.2	5.7 45.7#
105 138.7	1.3 41.3#
51 33.1	10.6 50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

Tgt Ion: 188	Resp: 596869
Ion Ratio	Lower Upper
188 100	
94 13.8	6.5 9.7#
80 13.4	7.3 10.9#

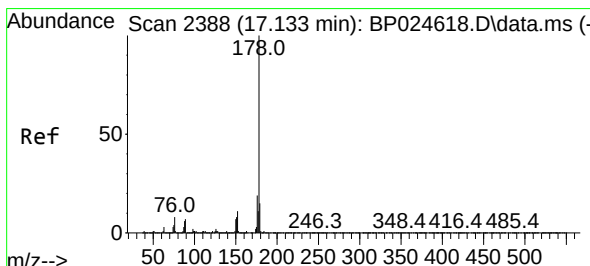
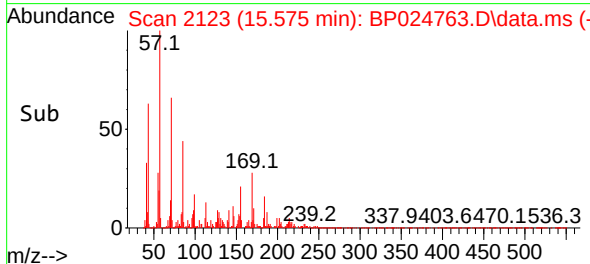
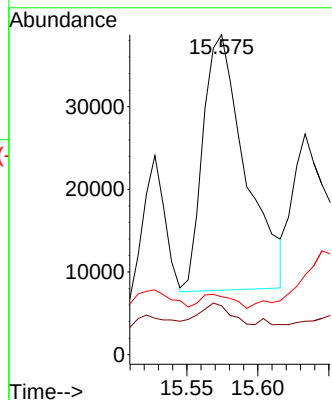
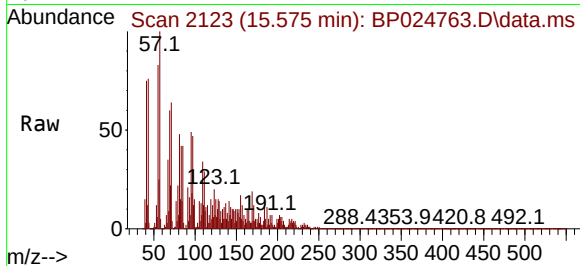




#66
n-Nitrosodiphenylamine
Concen: 3.501 ng
RT: 15.575 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

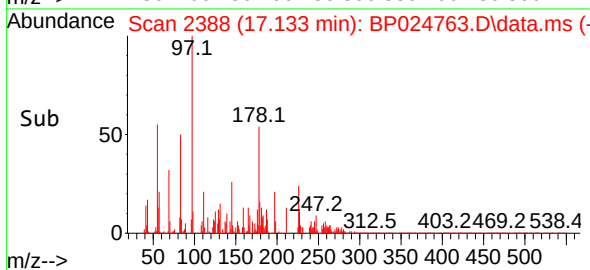
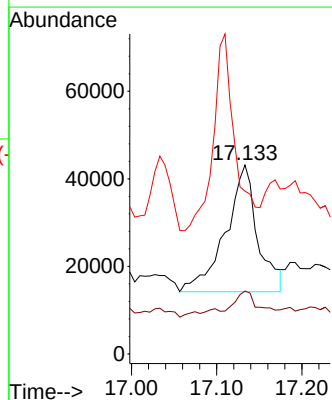
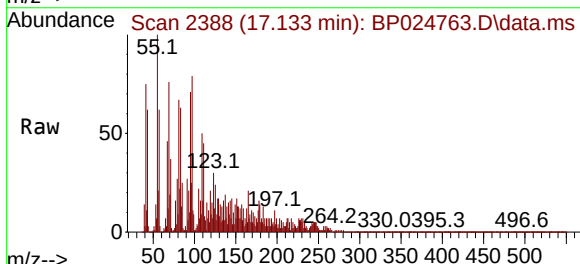
Instrument :
BNA_P
ClientSampleId :

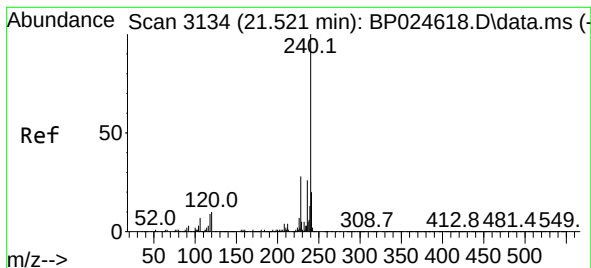
Tgt Ion:169 Resp: 64193
Ion Ratio Lower Upper
169 100
168 15.2 53.2 79.8#
167 18.1 28.6 43.0#



#71
Phenanthrene
Concen: 2.274 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

Tgt Ion:178 Resp: 75448
Ion Ratio Lower Upper
178 100
176 33.3 15.4 23.2#
179 86.2 12.2 18.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024763.D

Acq: 22 May 2025 17:43

Instrument :

BNA_P

ClientSampleId :

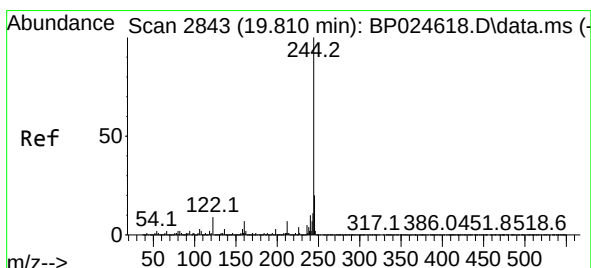
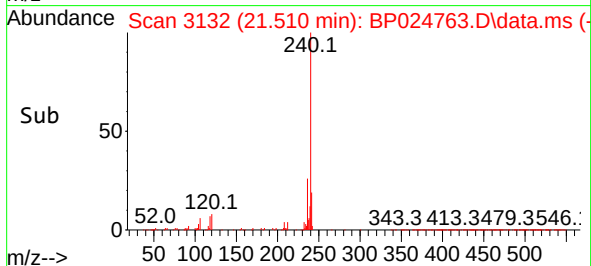
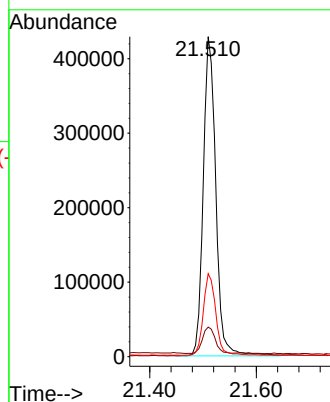
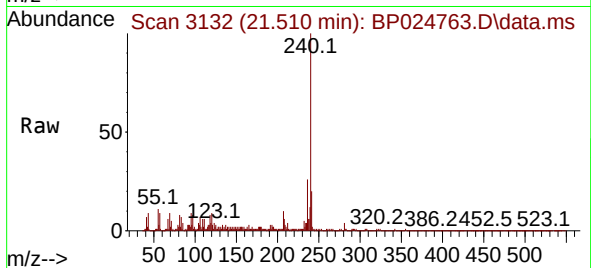
Tgt Ion:240 Resp: 699908

Ion Ratio Lower Upper

240 100

120 9.2 7.8 11.6

236 26.0 20.6 31.0



#79

Terphenyl-d14

Concen: 42.300 ng

RT: 19.804 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BP024763.D

Acq: 22 May 2025 17:43

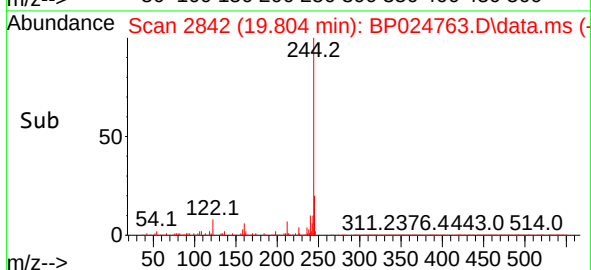
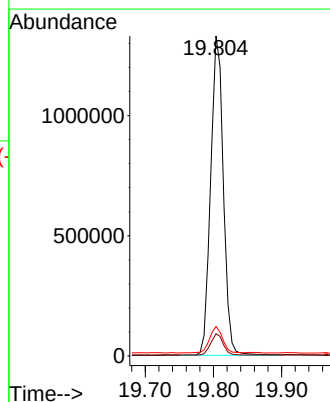
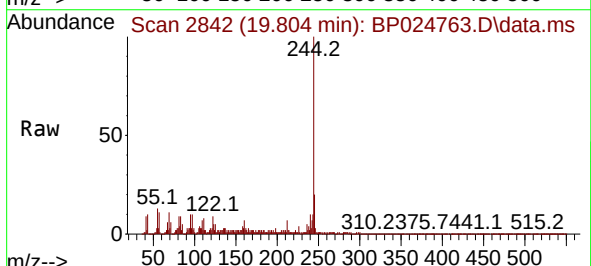
Tgt Ion:244 Resp: 1726610

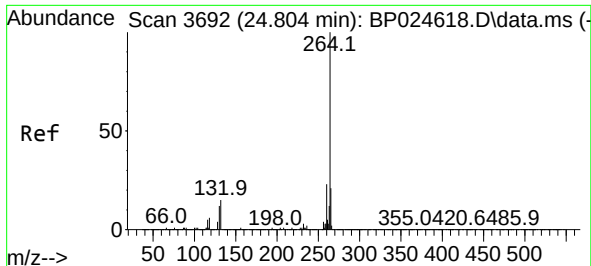
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

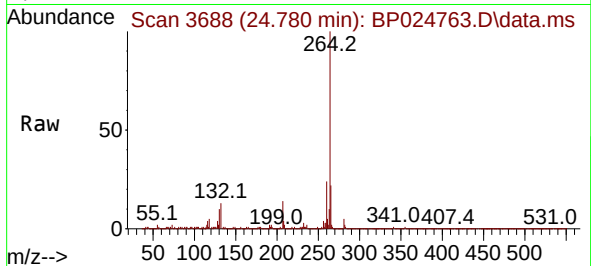
122 9.2 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.780 min Scan# 30
Delta R.T. -0.024 min
Lab File: BP024763.D
Acq: 22 May 2025 17:43

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:264 Resp: 871761
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.5 17.0 25.6

