

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024777.D
 Acq On : 23 May 2025 03:54
 Operator : RC/JU
 Sample : Q2079-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 23 05:08:16 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)

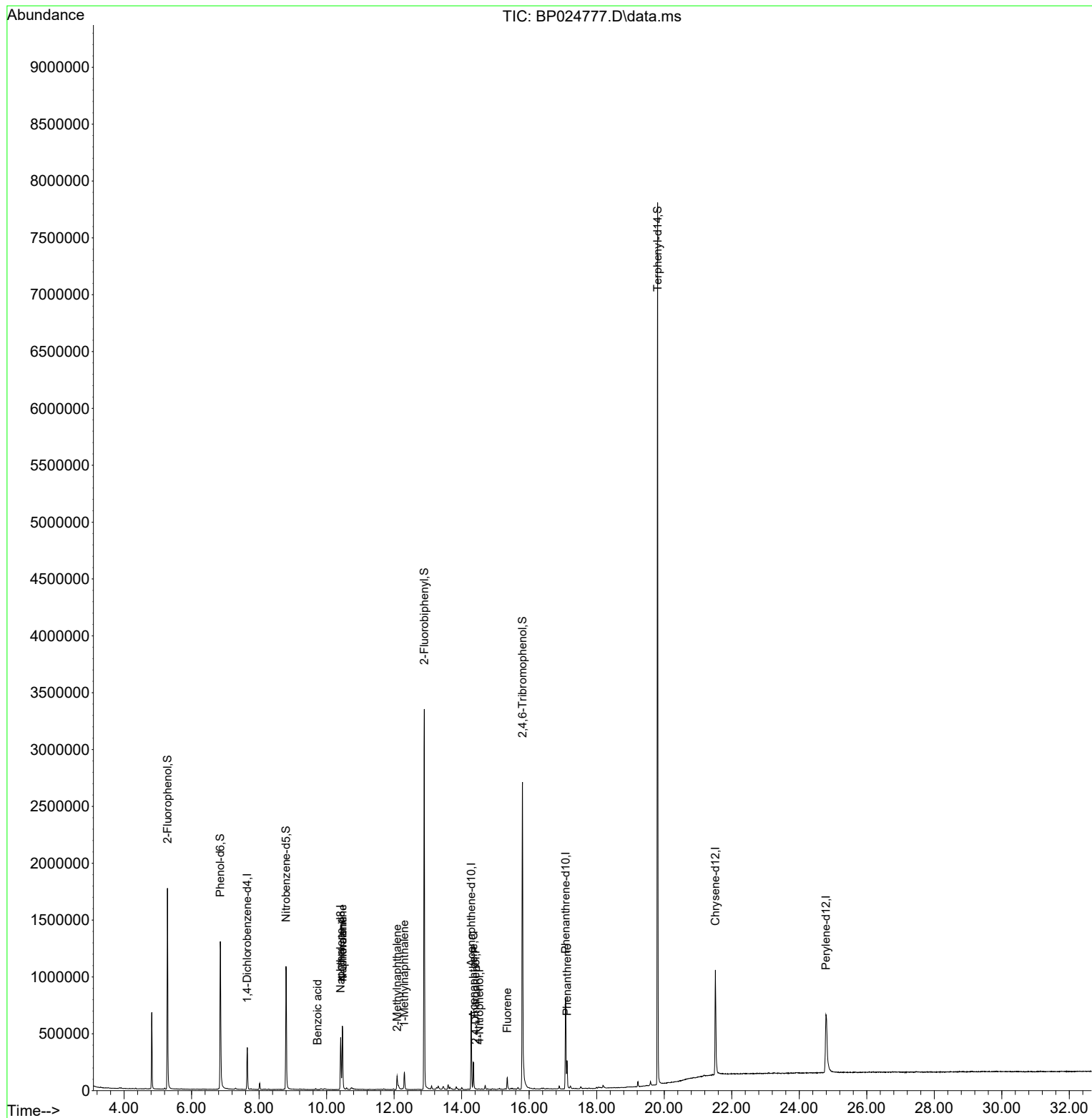
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	105566	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	401554	20.000	ng	-0.02
39) Acenaphthene-d10	14.286	164	269516	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	576154	20.000	ng	-0.02
76) Chrysene-d12	21.515	240	685860	20.000	ng	0.00
86) Perylene-d12	24.792	264	790962	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	783958	127.016	ng	0.00
7) Phenol-d6	6.852	99	865334	109.851	ng	0.00
23) Nitrobenzene-d5	8.799	82	609003	76.629	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	811993	177.715	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1697164	82.500	ng	-0.01
79) Terphenyl-d14	19.804	244	3741121	93.530	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.469	128	498874	23.974	ng	100
32) Benzoic acid	9.728	122	60	7.480	ng	# 8
33) 4-Chloroaniline	10.469	127	67722	8.065	ng	# 34
37) 2-Methylnaphthalene	12.087	142	66559	4.940	ng	99
38) 1-Methylnaphthalene	12.304	142	74365	5.158	ng	99
52) Acenaphthene	14.345	154	88026	6.024	ng	100
54) 2,4-Dinitrophenol	14.416	184	21	6.408	ng	# 1
56) 4-Nitrophenol	14.522	139	306	4.310	ng	# 50
58) Fluorene	15.351	166	53087	2.793	ng	99
71) Phenanthrene	17.122	178	138972	4.339	ng	99

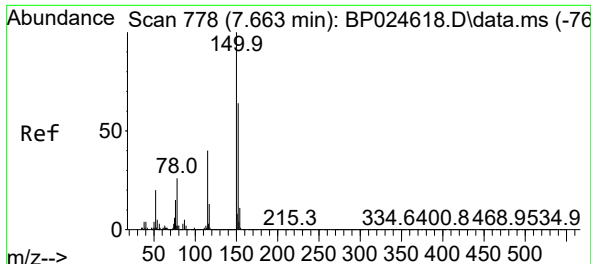
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
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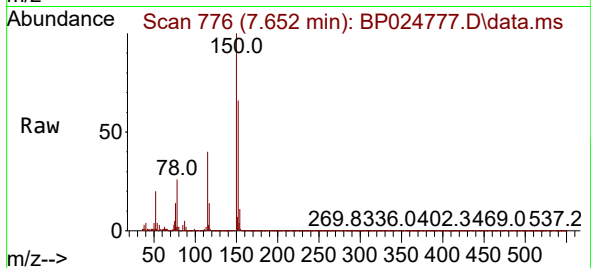
Quant Time: May 23 05:08:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
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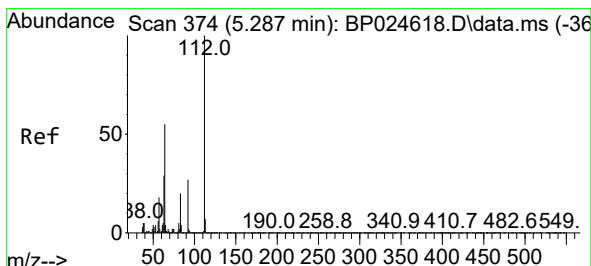
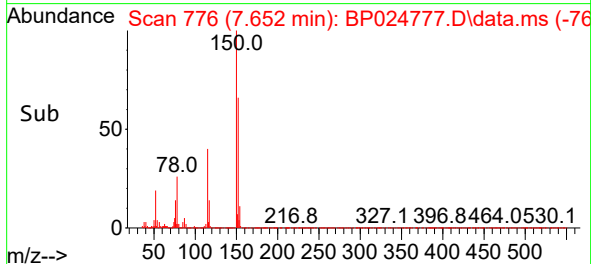
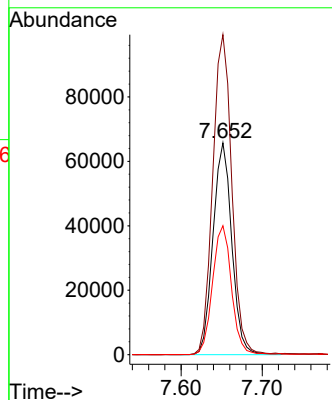


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 778
Delta R.T. -0.011 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Instrument :
BNA_P
ClientSampleId :

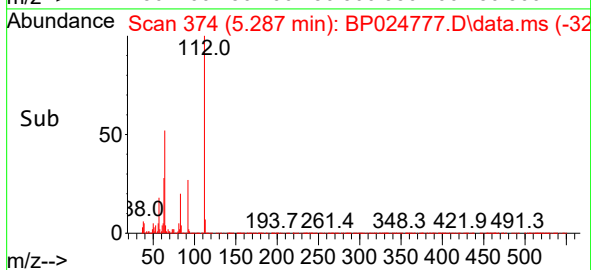
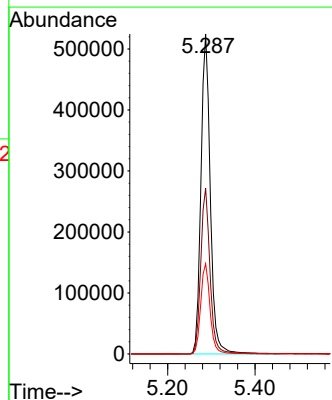
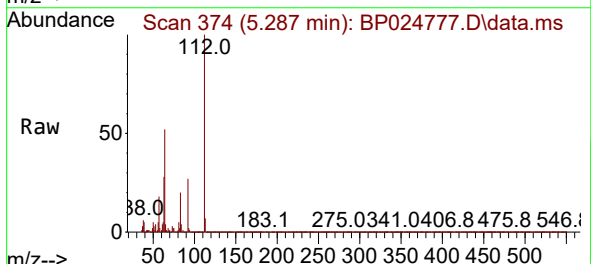


Tgt Ion:152 Resp: 105566
Ion Ratio Lower Upper
152 100
150 151.1 125.9 188.9
115 60.9 50.1 75.1



#5
2-Fluorophenol
Concen: 127.016 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:112 Resp: 783958
Ion Ratio Lower Upper
112 100
64 51.8 44.1 66.1
63 28.2 23.5 35.3

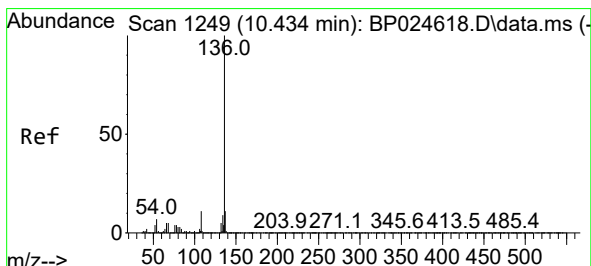
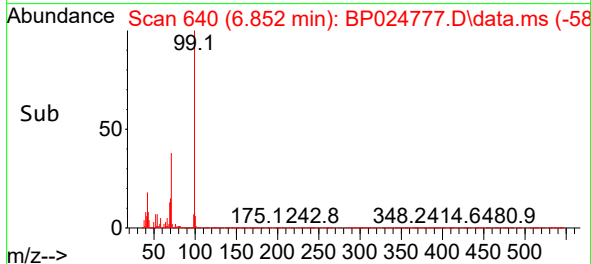
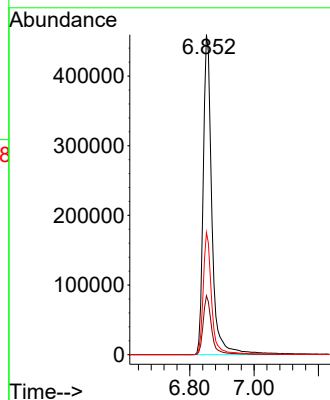
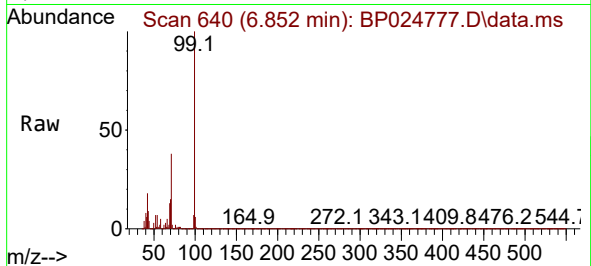




#7
Phenol-d6
Concen: 109.851 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

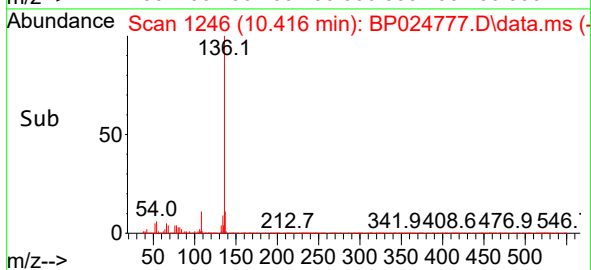
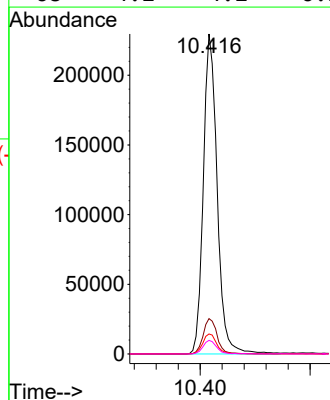
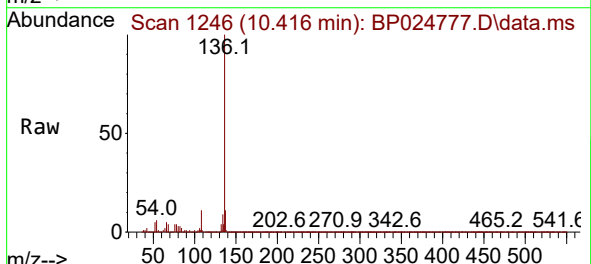
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ClientSampleId :

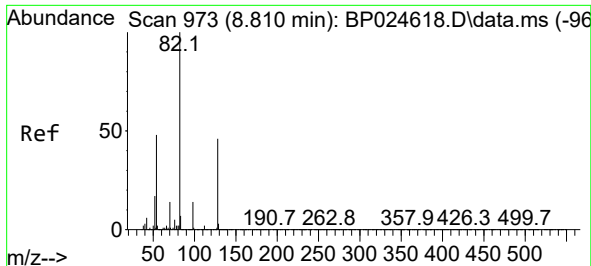
Tgt Ion: 99 Resp: 865334
Ion Ratio Lower Upper
99 100
42 18.4 14.4 21.6
71 38.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion: 136 Resp: 401554
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.2 5.5 8.3
68 4.2 4.2 6.2

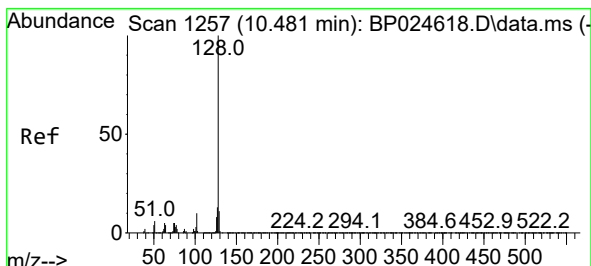
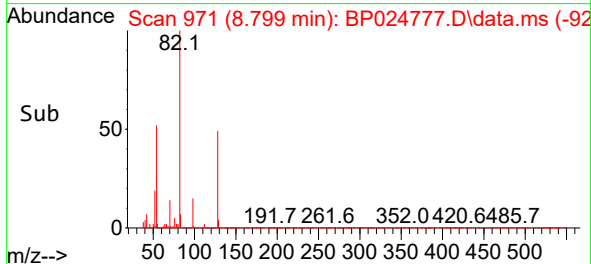
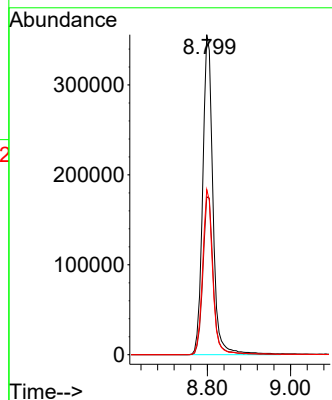
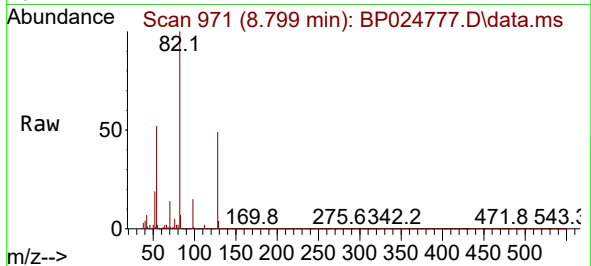




#23
Nitrobenzene-d5
Concen: 76.629 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

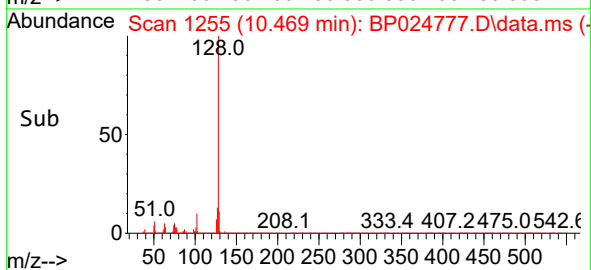
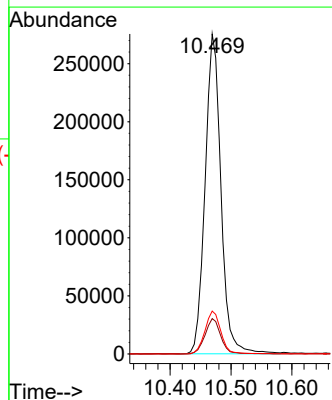
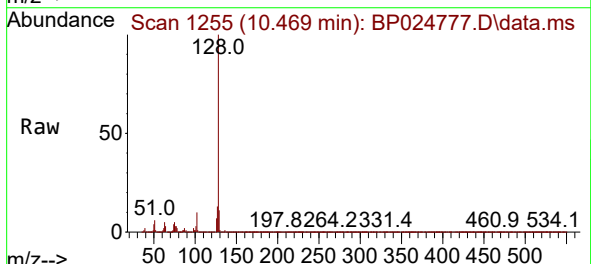
Instrument :
BNA_P
ClientSampleId :

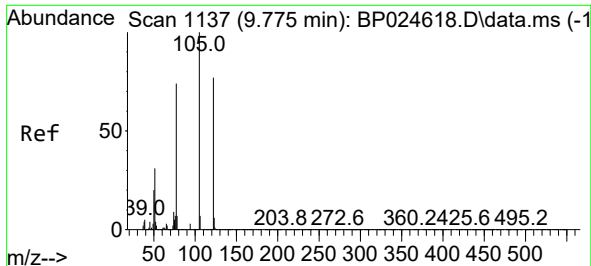
Tgt Ion: 82 Resp: 609003
Ion Ratio Lower Upper
82 100
128 49.4 37.0 55.4
54 51.6 38.7 58.1



#31
Naphthalene
Concen: 23.974 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion: 128 Resp: 498874
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.7 16.1

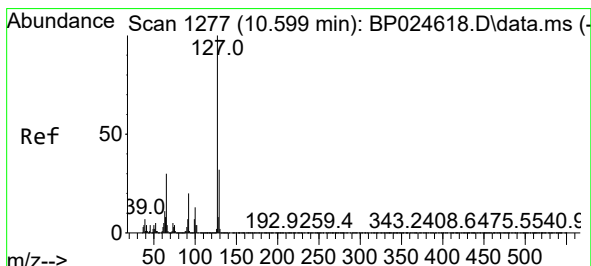
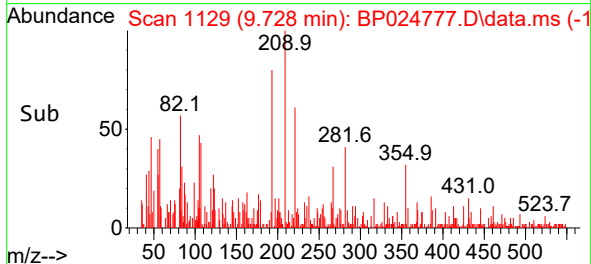
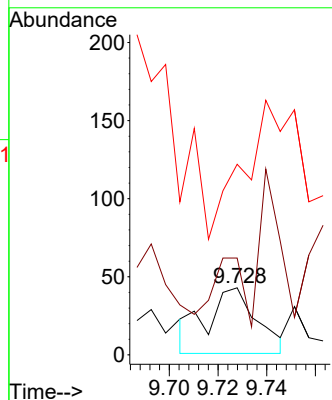
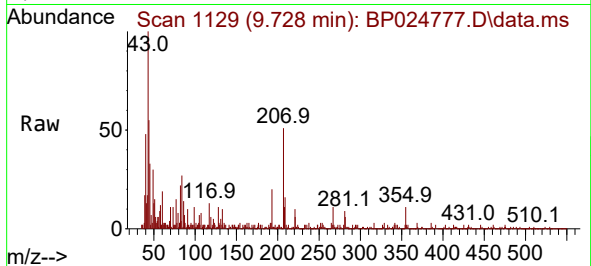




#32
Benzoic acid
Concen: 7.480 ng
RT: 9.728 min Scan# 1137
Delta R.T. -0.047 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

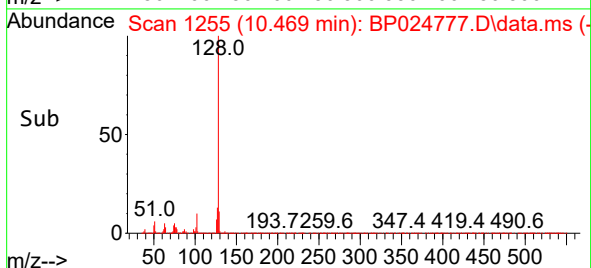
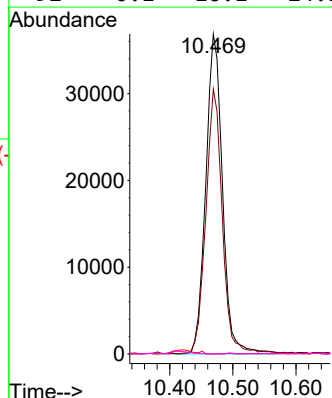
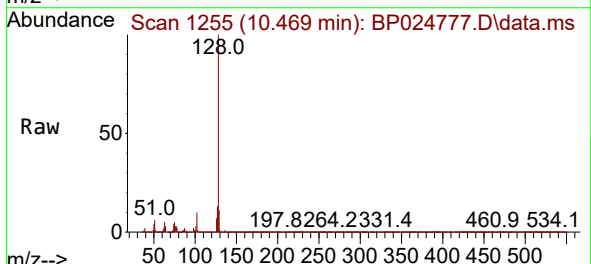
Instrument :
BNA_P
ClientSampleId :

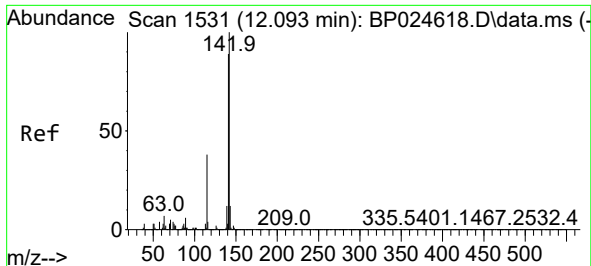
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 144.2 106.9 146.9
77 283.7 75.1 115.1#



#33
4-Chloroaniline
Concen: 8.065 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.130 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:127 Resp: 67722
Ion Ratio Lower Upper
127 100
129 82.8 25.8 38.6#
65 0.0 23.9 35.9#
92 0.1 16.1 24.1#

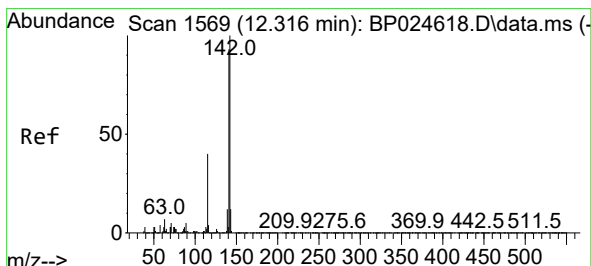
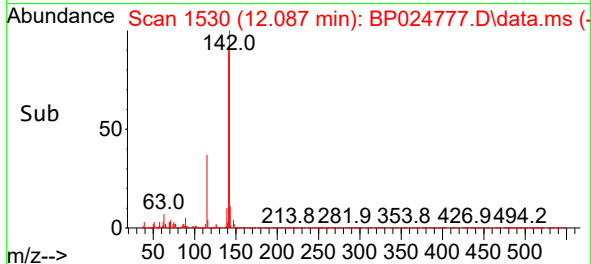
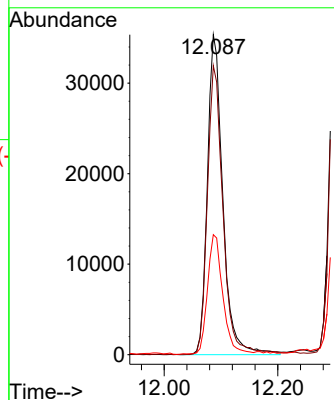
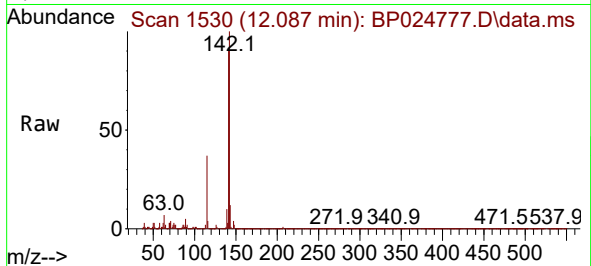




#37
2-Methylnaphthalene
Concen: 4.940 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

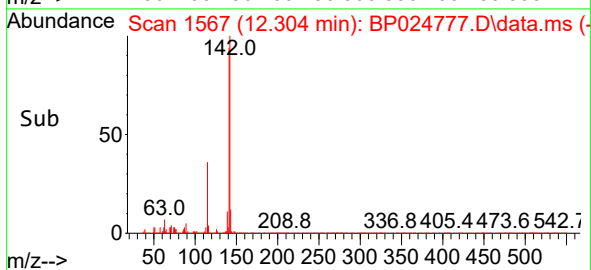
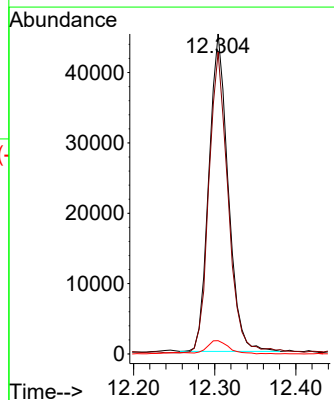
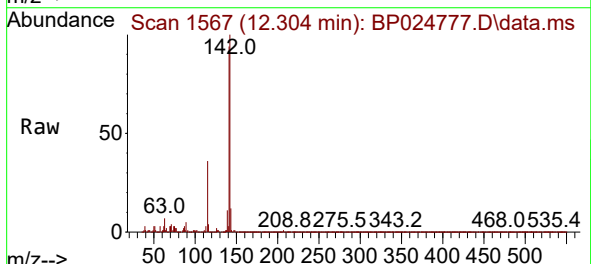
Instrument :
BNA_P
ClientSampleId :

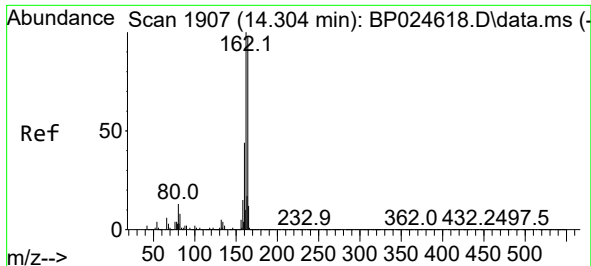
Tgt Ion:142 Resp: 66559
Ion Ratio Lower Upper
142 100
141 90.3 71.2 106.8
115 37.5 30.6 46.0



#38
1-Methylnaphthalene
Concen: 5.158 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

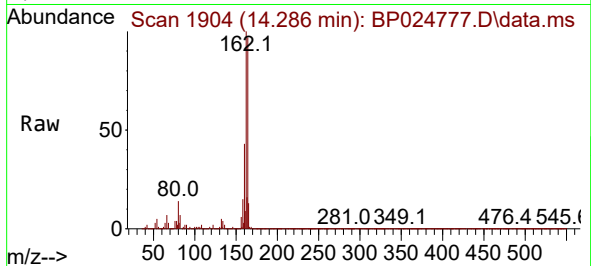
Tgt Ion:142 Resp: 74365
Ion Ratio Lower Upper
142 100
141 94.4 74.7 112.1
116 4.1 3.4 5.2



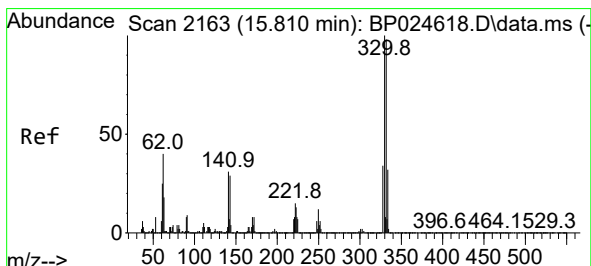
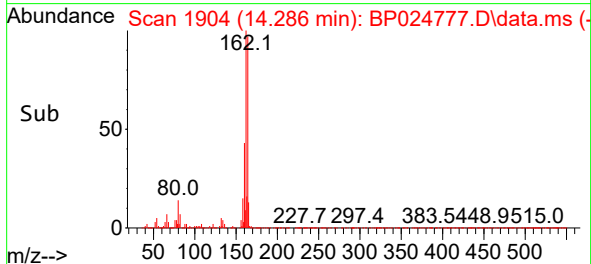
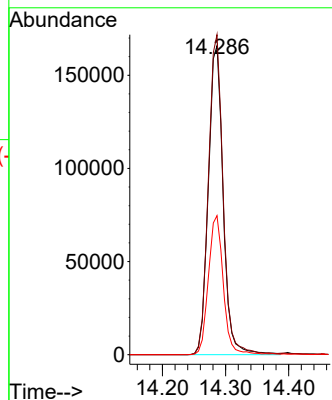


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Instrument :
BNA_P
ClientSampleId :

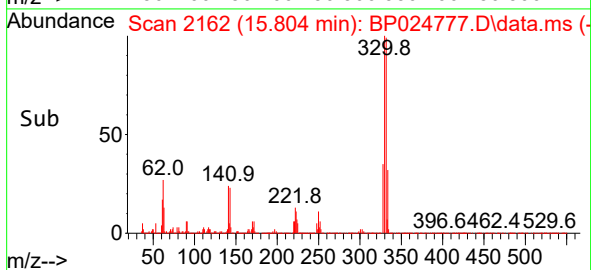
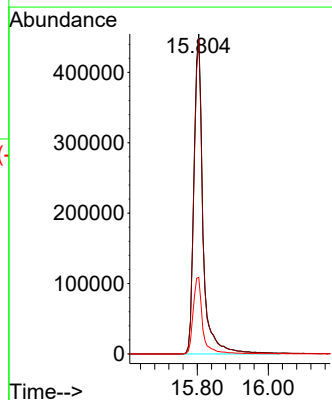
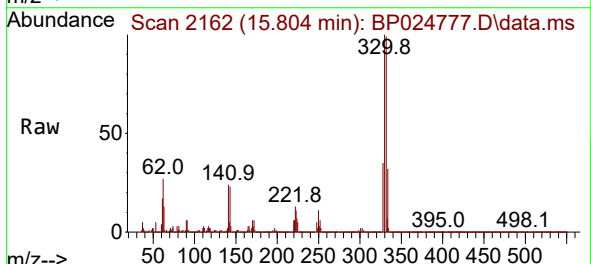


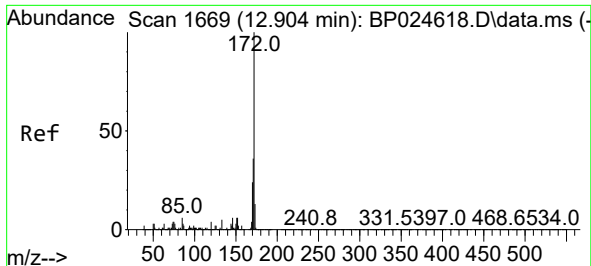
Tgt Ion:164 Resp: 269516
Ion Ratio Lower Upper
164 100
162 103.6 81.8 122.6
160 45.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 177.715 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:330 Resp: 811993
Ion Ratio Lower Upper
330 100
332 97.3 78.2 117.4
141 24.8 24.3 36.5

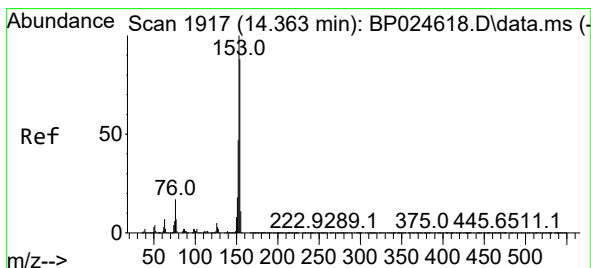
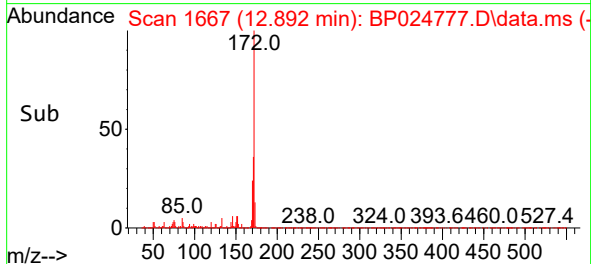
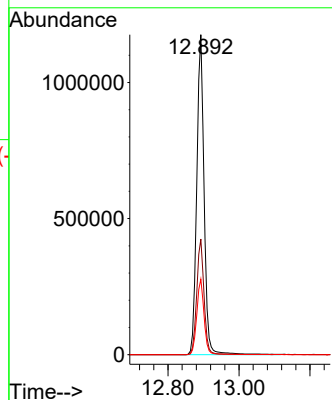
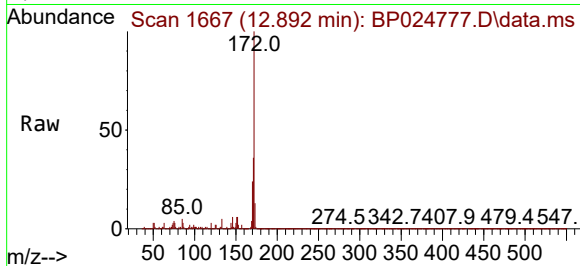




#45
2-Fluorobiphenyl
Concen: 82.500 ng
RT: 12.892 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

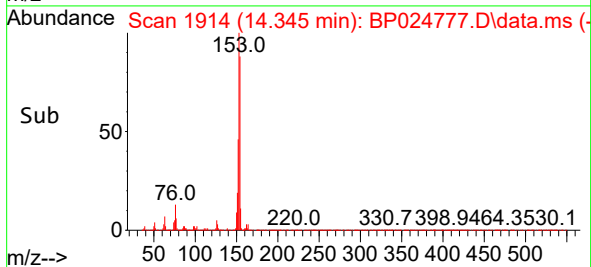
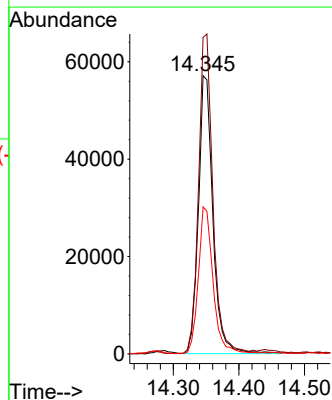
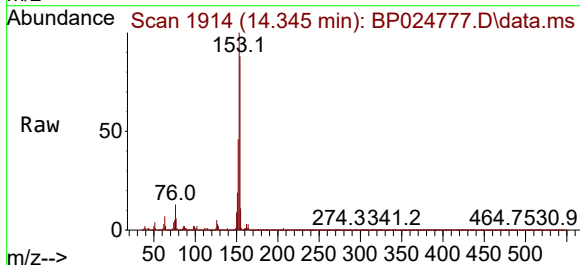
Instrument :
BNA_P
ClientSampleId :

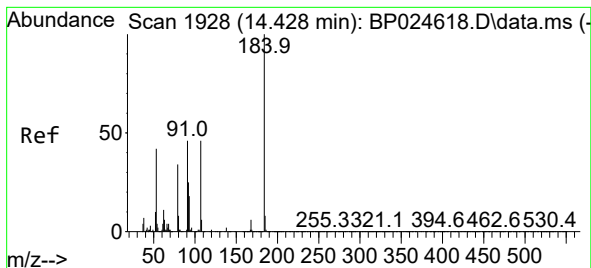
Tgt Ion:172 Resp: 1697164
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.6 18.8 28.2



#52
Acenaphthene
Concen: 6.024 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:154 Resp: 88026
Ion Ratio Lower Upper
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153 113.8 91.0 136.4
152 52.8 42.9 64.3

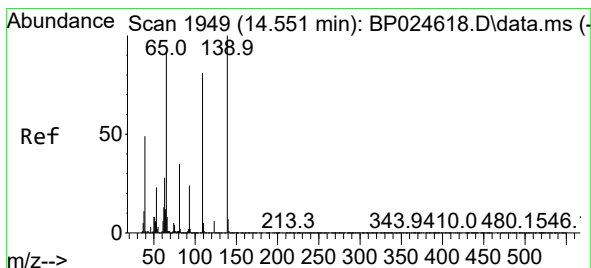
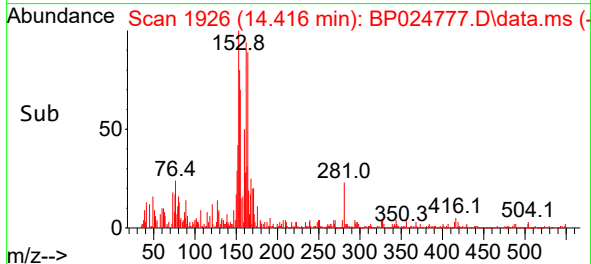
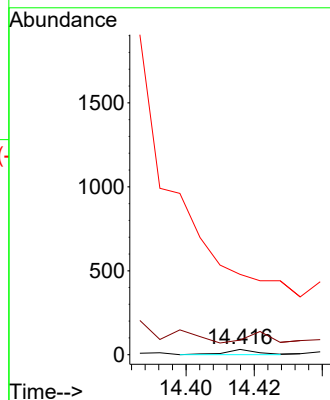
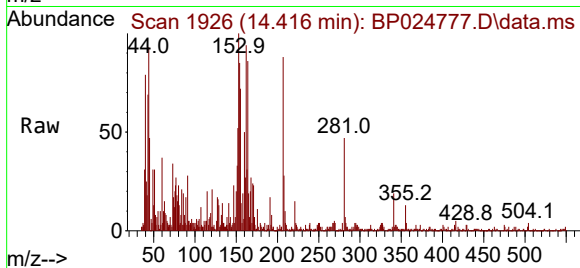




#54
2,4-Dinitrophenol
Concen: 6.408 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.012 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

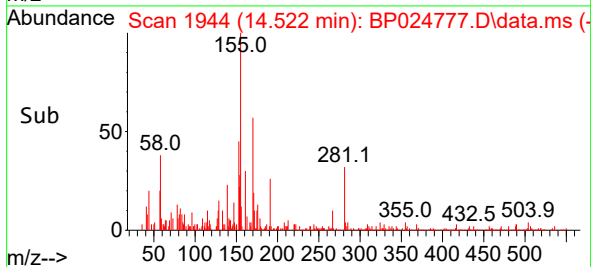
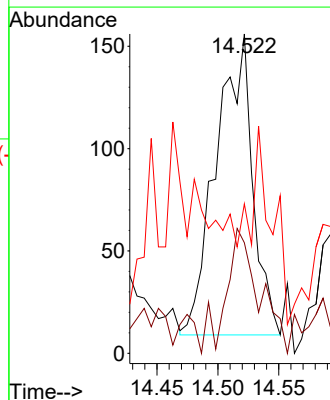
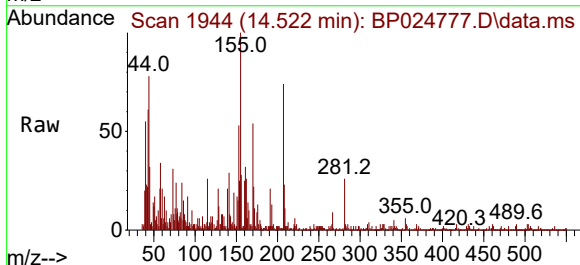
Instrument :
BNA_P
ClientSampleId :

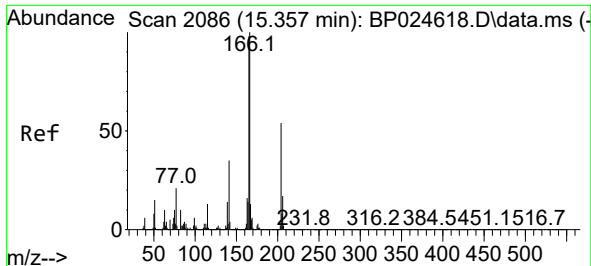
Tgt Ion:184 Resp: 21
Ion Ratio Lower Upper
184 100
63 428.1 51.3 76.9#
154 1496.9 53.5 80.3#



#56
4-Nitrophenol
Concen: 4.310 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.029 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:139 Resp: 306
Ion Ratio Lower Upper
139 100
109 34.6 61.4 101.4#
65 46.8 72.2 112.2#

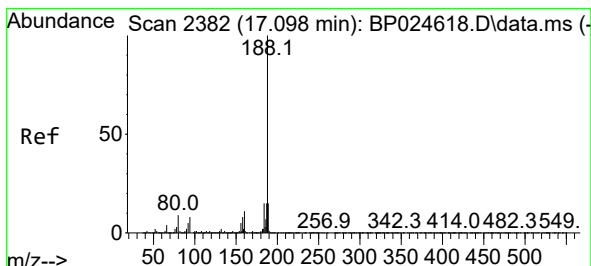
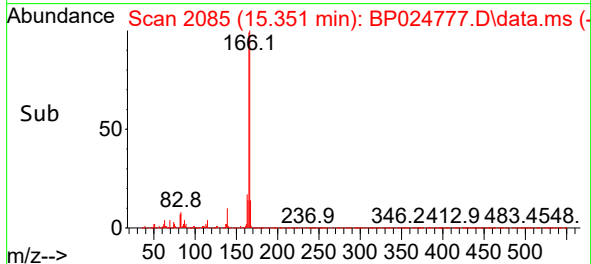
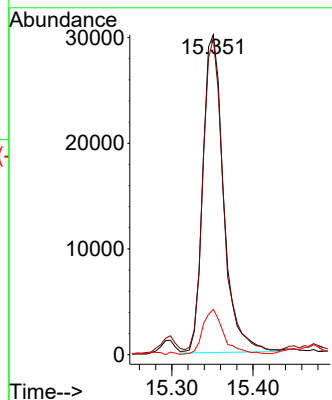
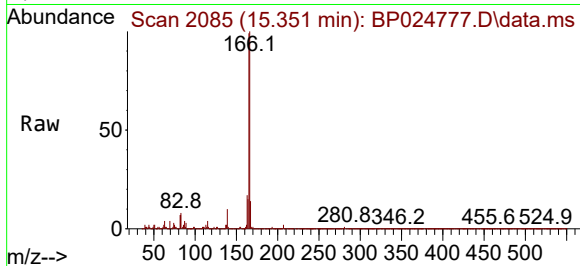




#58
Fluorene
Concen: 2.793 ng
RT: 15.351 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

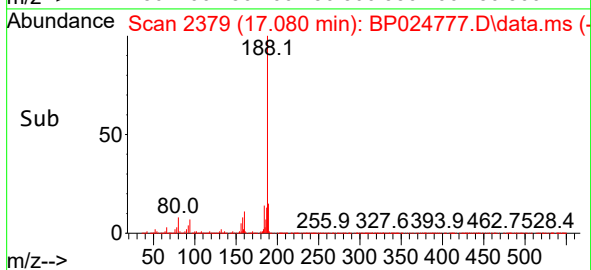
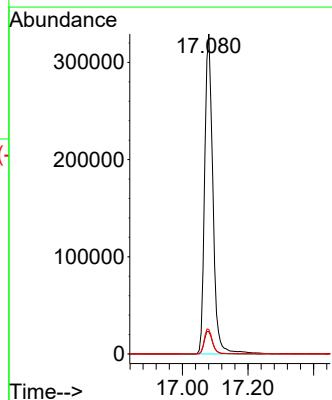
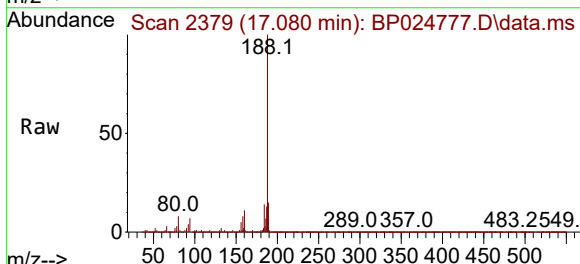
Instrument :
BNA_P
ClientSampleId :

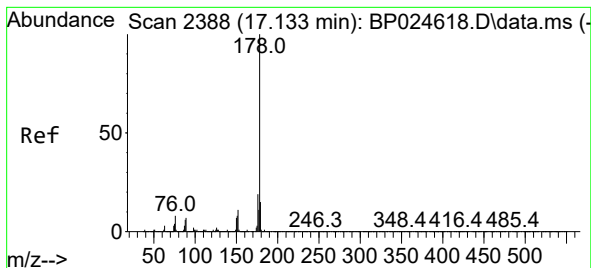
Tgt Ion:166 Resp: 53087
Ion Ratio Lower Upper
166 100
165 98.8 78.5 117.7
167 14.2 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:188 Resp: 576154
Ion Ratio Lower Upper
188 100
94 6.9 6.5 9.7
80 7.6 7.3 10.9

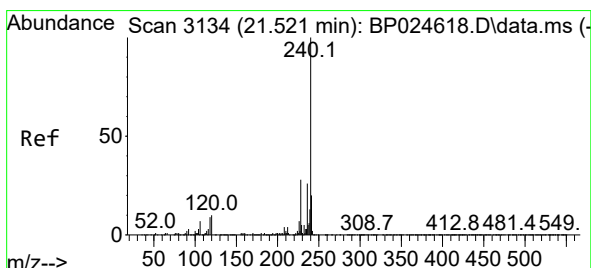
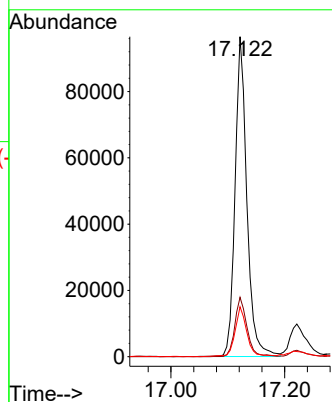
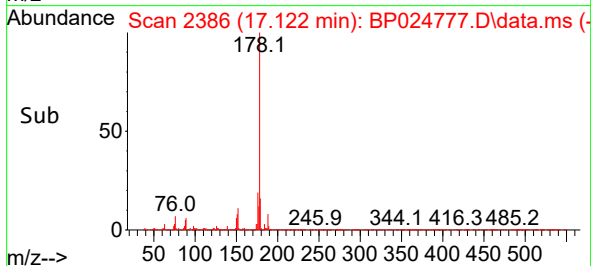
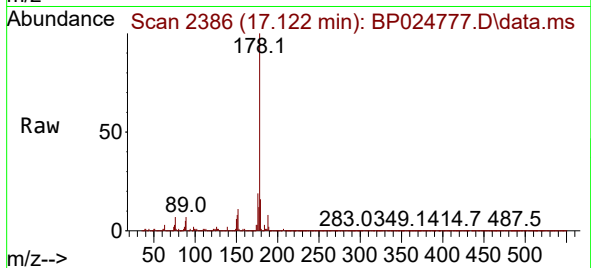




#71
Phenanthrene
Concen: 4.339 ng
RT: 17.122 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

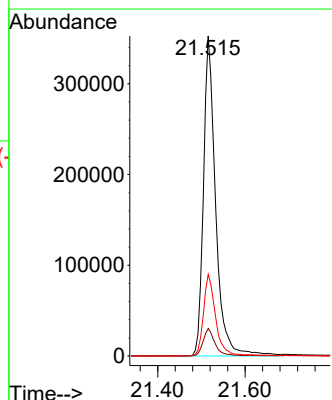
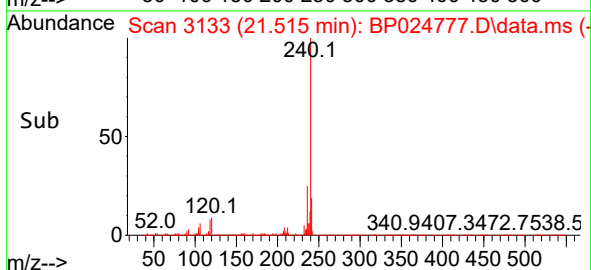
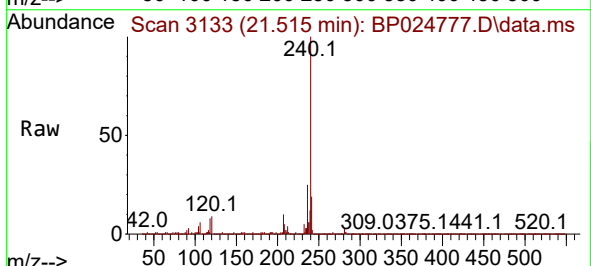
Instrument :
BNA_P
ClientSampleId :

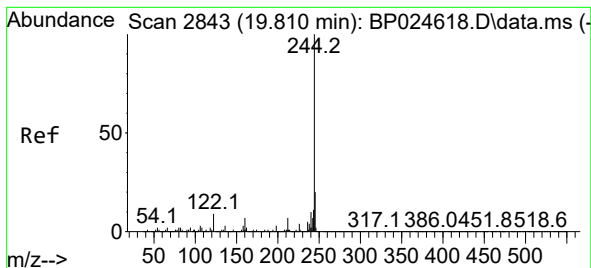
Tgt Ion:178 Resp: 138972
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.6 12.2 18.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024777.D
Acq: 23 May 2025 03:54

Tgt Ion:240 Resp: 685860
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 93.530 ng

RT: 19.804 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP024777.D

Acq: 23 May 2025 03:54

Instrument :

BNA_P

ClientSampleId :

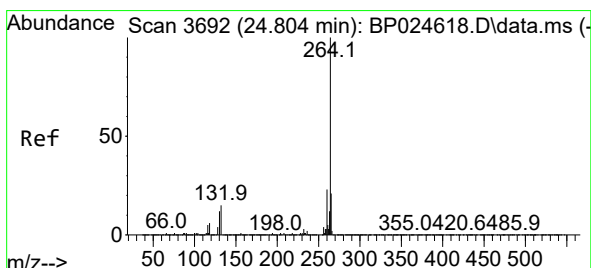
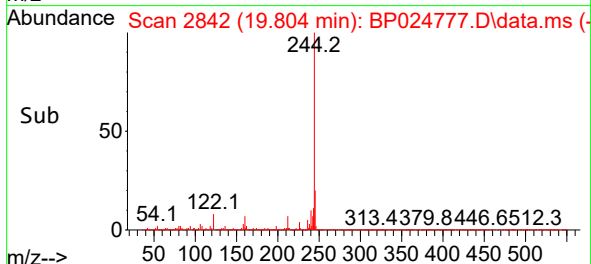
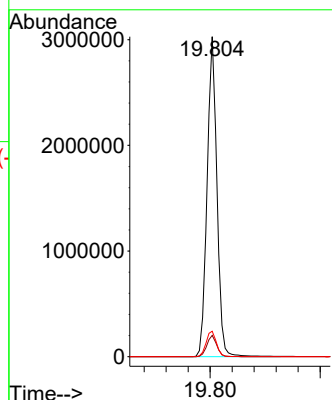
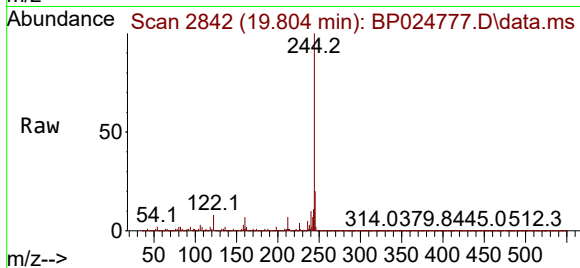
Tgt Ion:244 Resp: 3741121

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 8.0 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.792 min Scan# 3690

Delta R.T. -0.012 min

Lab File: BP024777.D

Acq: 23 May 2025 03:54

Tgt Ion:264 Resp: 790962

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 22.2 17.0 25.6

