

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024778.D
 Acq On : 23 May 2025 04:34
 Operator : RC/JU
 Sample : Q2079-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 23 05:08:35 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)

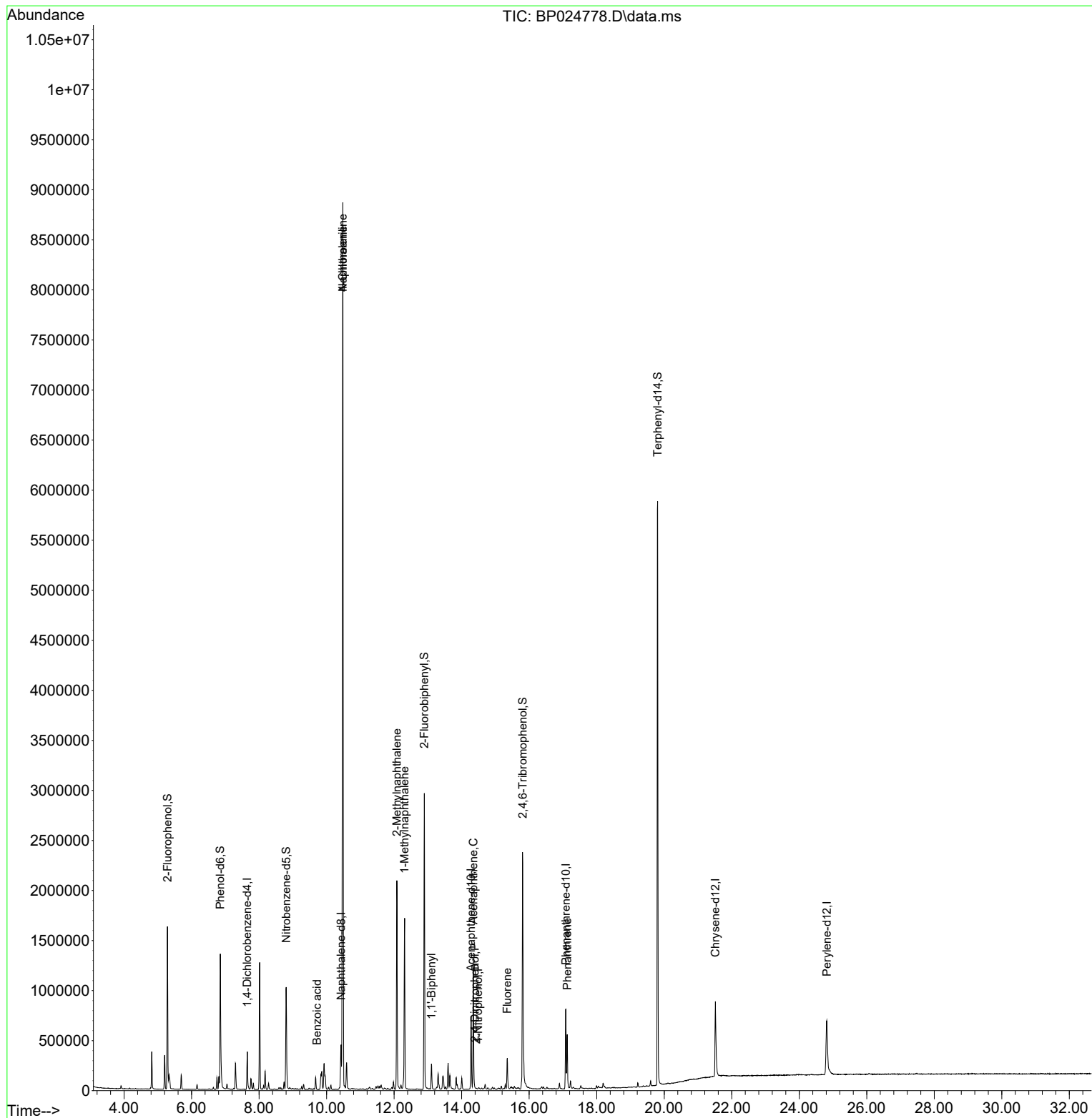
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	99675	20.000	ng	-0.01
21) Naphthalene-d8	10.428	136	390043	20.000	ng	# 0.00
39) Acenaphthene-d10	14.281	164	257801	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	526590	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	612977	20.000	ng	0.00
86) Perylene-d12	24.815	264	741957	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	733234	125.819	ng	0.00
7) Phenol-d6	6.852	99	790028	106.219	ng	0.00
23) Nitrobenzene-d5	8.804	82	581884	75.378	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	720565	164.871	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1540280	78.276	ng	-0.01
79) Terphenyl-d14	19.804	244	3305107	92.454	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.481	128	7526927	372.392	ng	99
32) Benzoic acid	9.716	122	58	7.480	ng	# 1
33) 4-Chloroaniline	10.481	127	1042174	127.776	ng	# 36
37) 2-Methylnaphthalene	12.081	142	936280	71.539	ng	99
38) 1-Methylnaphthalene	12.310	142	754038	53.846	ng	100
46) 1,1'-Biphenyl	13.104	154	141795	7.442	ng	98
52) Acenaphthene	14.345	154	411411	29.434	ng	100
54) 2,4-Dinitrophenol	14.387	184	22	6.409	ng	# 1
56) 4-Nitrophenol	14.492	139	360	4.327	ng	# 29
58) Fluorene	15.351	166	165759	9.118	ng	100
71) Phenanthrene	17.128	178	324953	11.100	ng	99

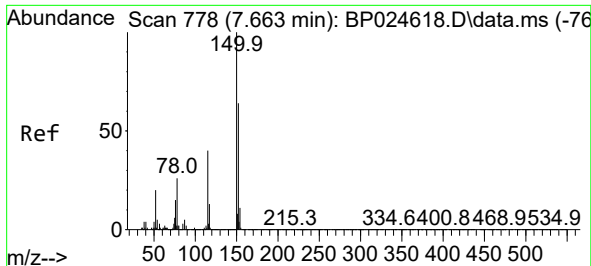
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024778.D
Acq On : 23 May 2025 04:34
Operator : RC/JU
Sample : Q2079-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

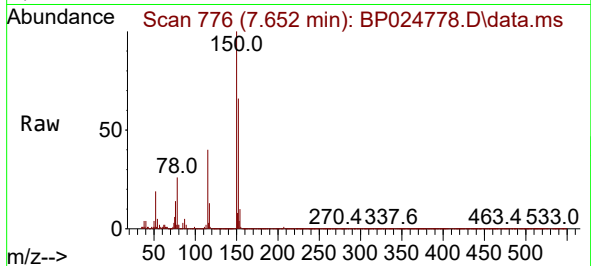
Quant Time: May 23 05:08:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



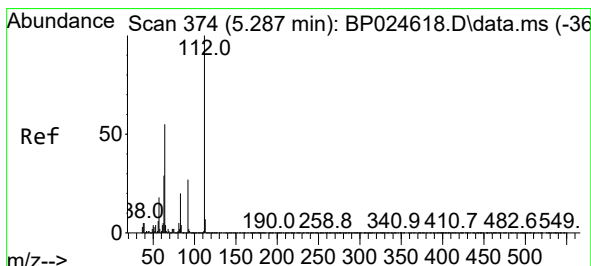
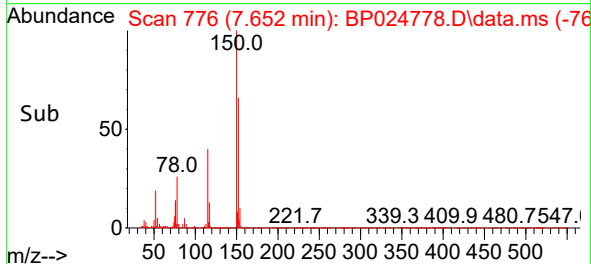
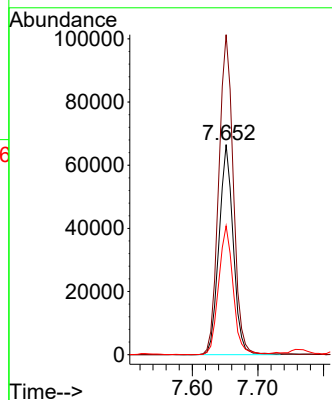


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 778
Delta R.T. -0.011 min
Lab File: BP024778.D
Acq: 23 May 2025 04:34

Instrument :
BNA_P
ClientSampleId :

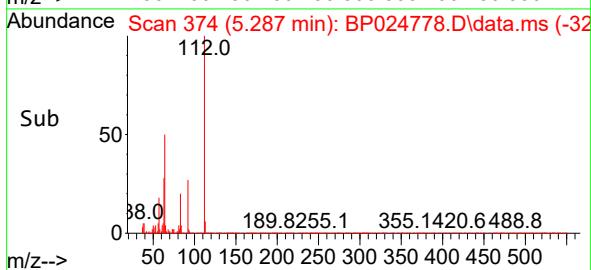
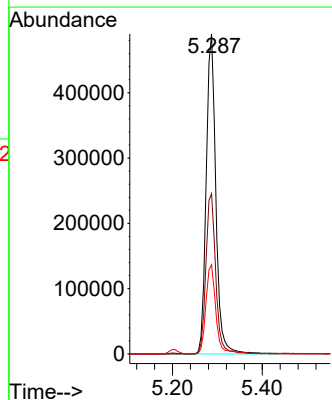
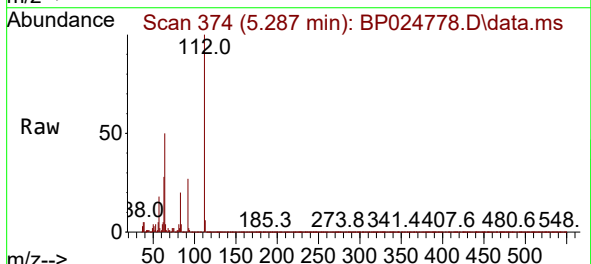


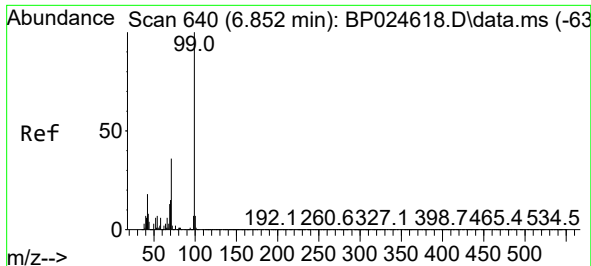
Tgt Ion:152 Resp: 99675
Ion Ratio Lower Upper
152 100
150 152.3 125.9 188.9
115 61.3 50.1 75.1



#5
2-Fluorophenol
Concen: 125.819 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024778.D
Acq: 23 May 2025 04:34

Tgt Ion:112 Resp: 733234
Ion Ratio Lower Upper
112 100
64 50.1 44.1 66.1
63 27.9 23.5 35.3

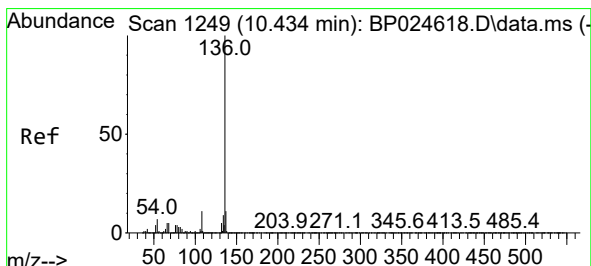
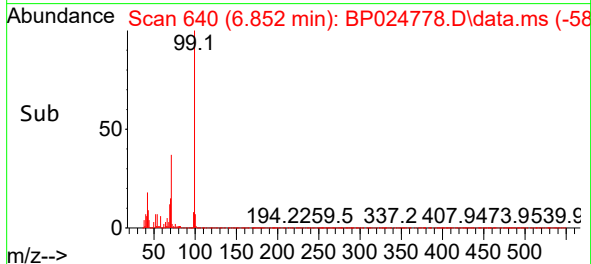
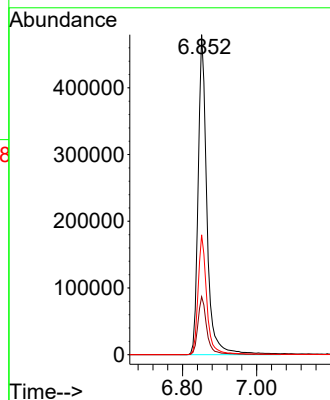
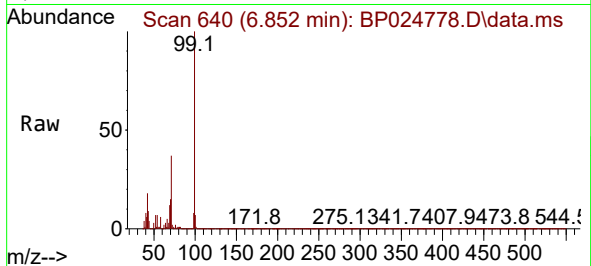




#7
Phenol-d6
Concen: 106.219 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024778.D
Acq: 23 May 2025 04:34

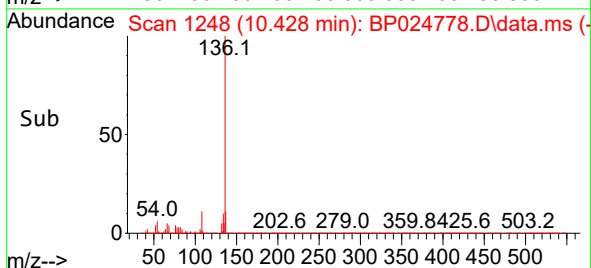
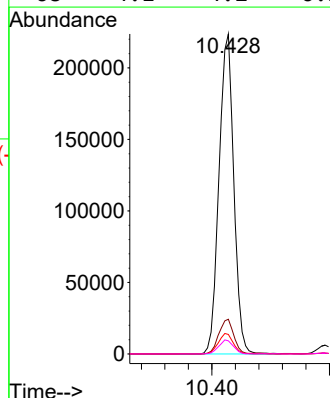
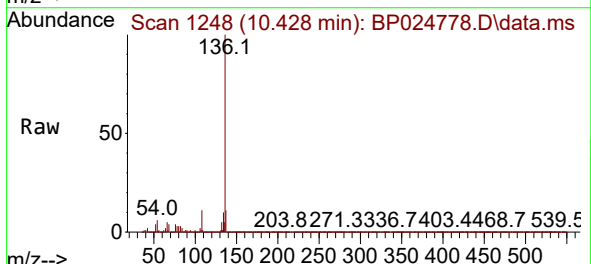
Instrument :
BNA_P
ClientSampleId :

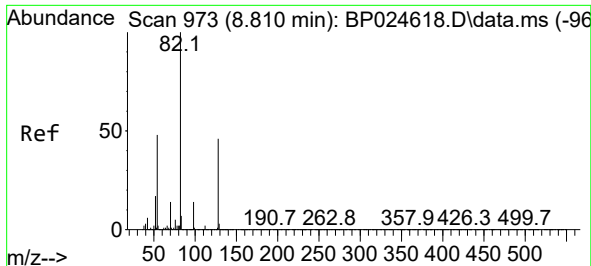
Tgt Ion: 99 Resp: 790028
Ion Ratio Lower Upper
99 100
42 18.1 14.4 21.6
71 37.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024778.D
Acq: 23 May 2025 04:34

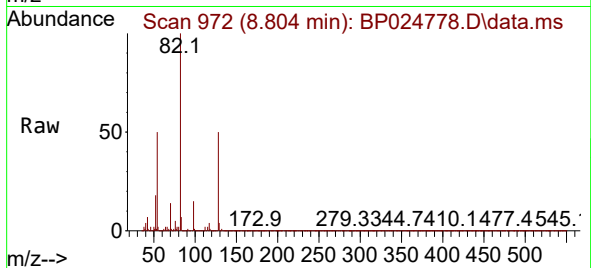
Tgt Ion:136 Resp: 390043
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.1 5.5 8.3
68 4.1 4.2 6.2#



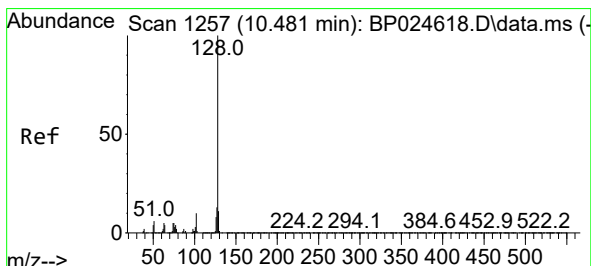
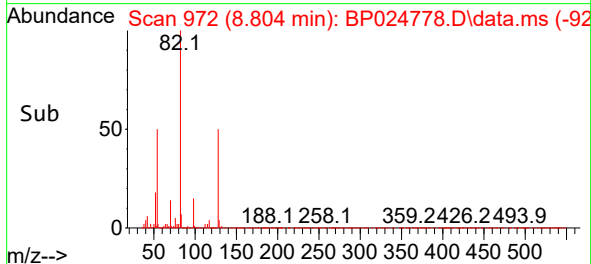
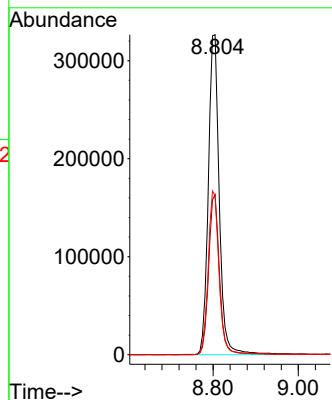


#23
Nitrobenzene-d5
Concen: 75.378 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024778.D
Acq: 23 May 2025 04:34

Instrument :
BNA_P
ClientSampleId :

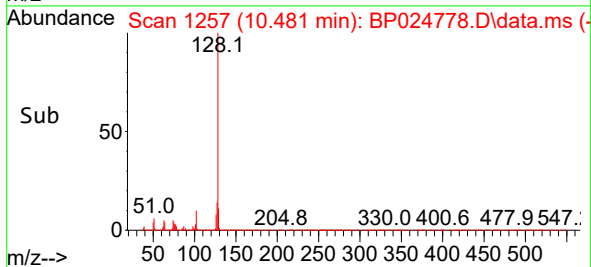
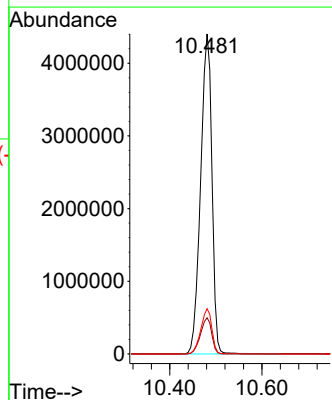
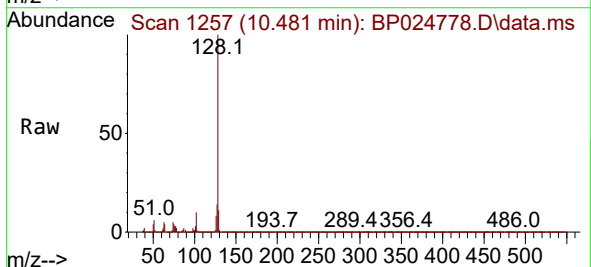


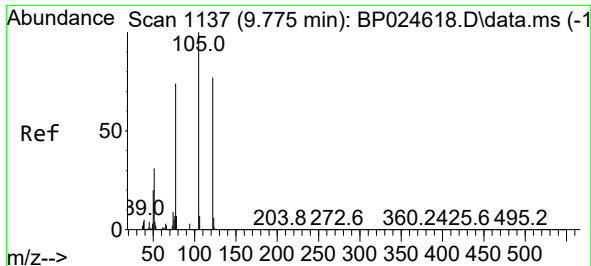
Tgt Ion: 82 Resp: 581884
Ion Ratio Lower Upper
82 100
128 50.0 37.0 55.4
54 49.8 38.7 58.1



#31
Naphthalene
Concen: 372.392 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BP024778.D
Acq: 23 May 2025 04:34

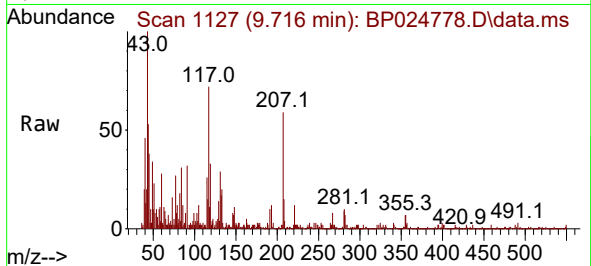
Tgt Ion: 128 Resp: 7526927
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 14.1 10.7 16.1



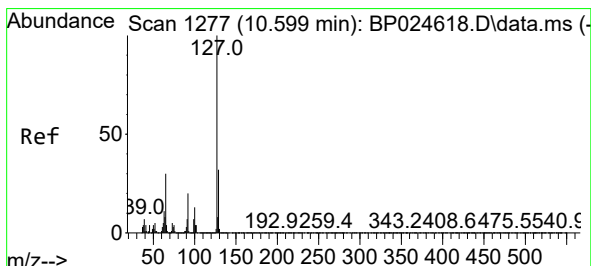
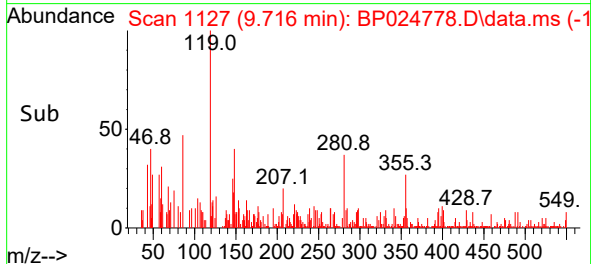
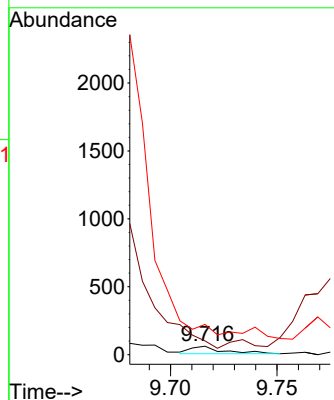


#32
Benzoic acid
Concen: 7.480 ng
RT: 9.716 min Scan# 1137
Delta R.T. -0.059 min
Lab File: BP024778.D
Acq: 23 May 2025 04:34

Instrument :
BNA_P
ClientSampleId :

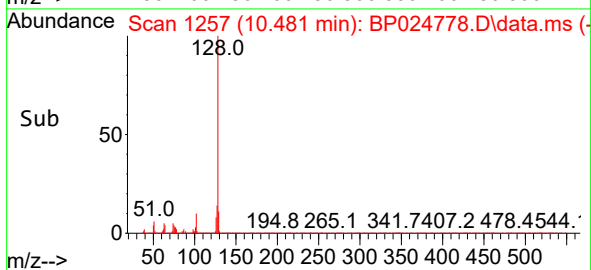
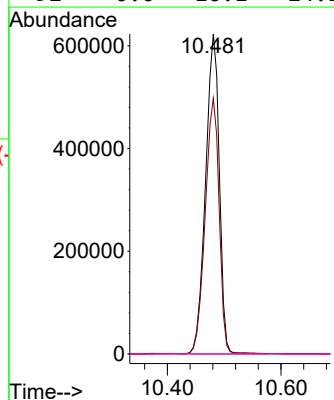
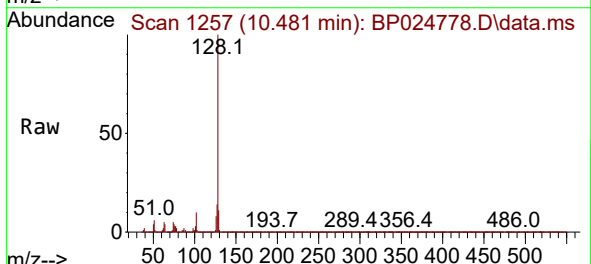


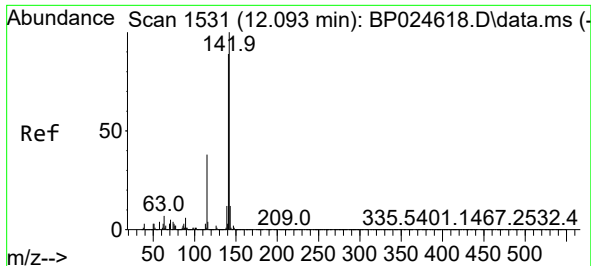
Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 162.9 106.9 146.9#
77 358.1 75.1 115.1#



#33
4-Chloroaniline
Concen: 127.776 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.118 min
Lab File: BP024778.D
Acq: 23 May 2025 04:34

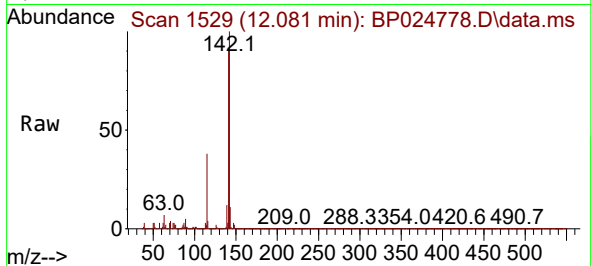
Tgt Ion:127 Resp: 1042174
Ion Ratio Lower Upper
127 100
129 79.8 25.8 38.6#
65 0.0 23.9 35.9#
92 0.0 16.1 24.1#



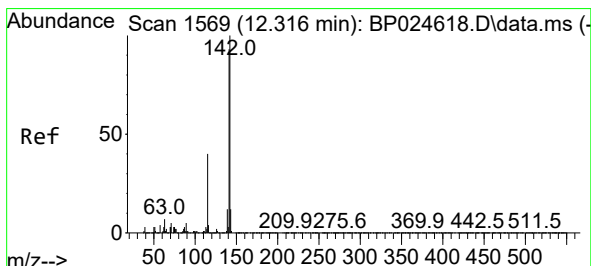
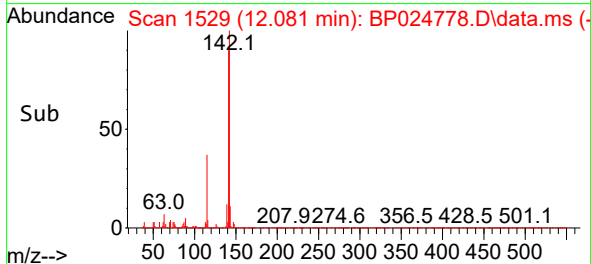
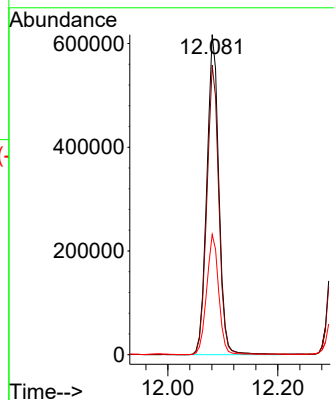


#37
2-Methylnaphthalene
Concen: 71.539 ng
RT: 12.081 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BP024778.D
Acq: 23 May 2025 04:34

Instrument :
BNA_P
ClientSampleId :

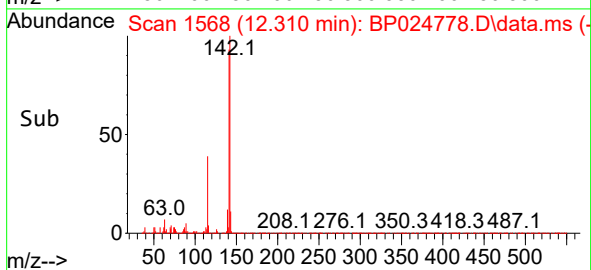
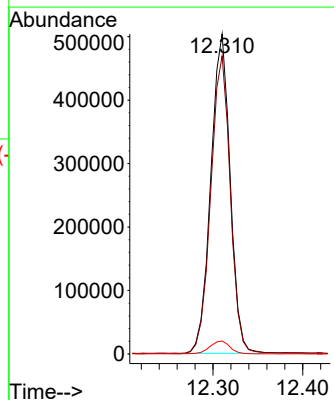
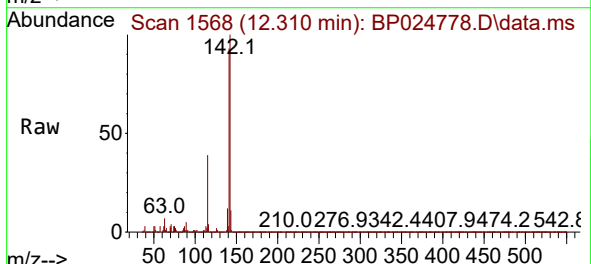


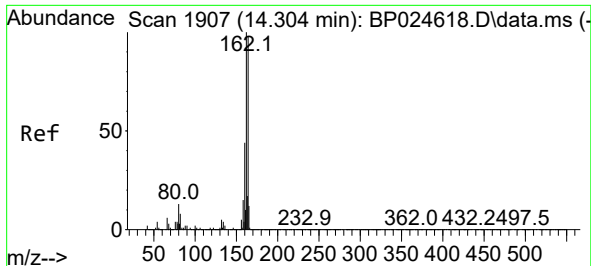
Tgt Ion:142 Resp: 936280
Ion Ratio Lower Upper
142 100
141 90.4 71.2 106.8
115 37.5 30.6 46.0



#38
1-Methylnaphthalene
Concen: 53.846 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024778.D
Acq: 23 May 2025 04:34

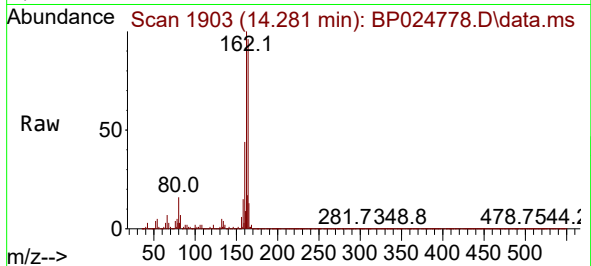
Tgt Ion:142 Resp: 754038
Ion Ratio Lower Upper
142 100
141 93.1 74.7 112.1
116 4.0 3.4 5.2



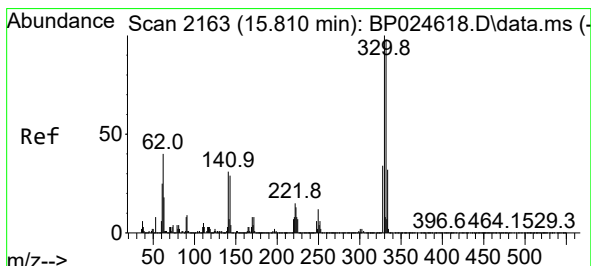
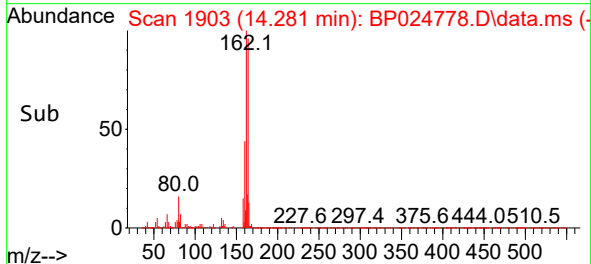
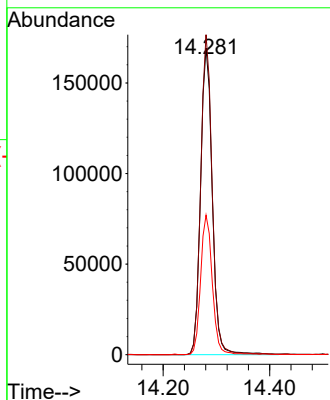


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.024 min
Lab File: BP024778.D
Acq: 23 May 2025 04:34

Instrument :
BNA_P
ClientSampleId :

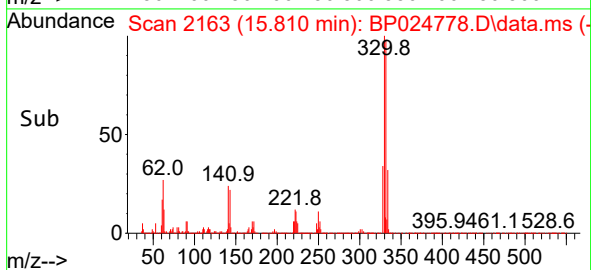
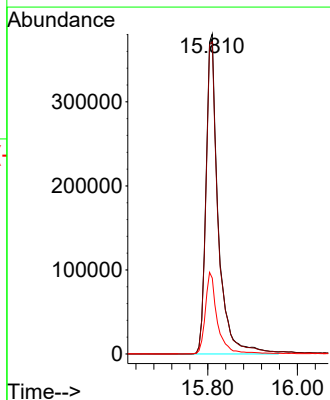
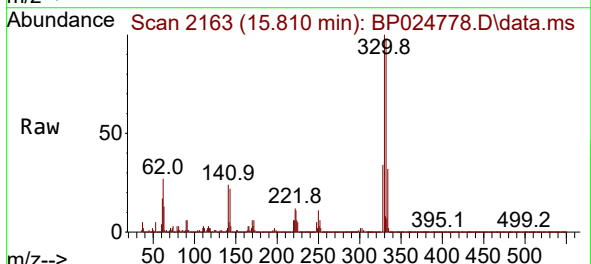


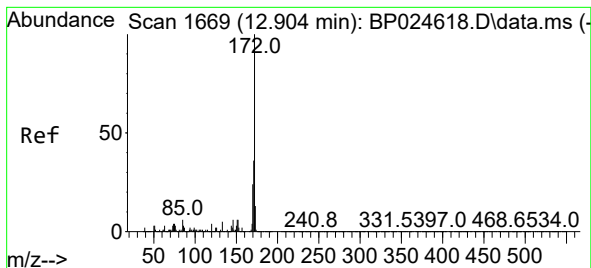
Tgt Ion:164 Resp: 257801
Ion Ratio Lower Upper
164 100
162 104.3 81.8 122.6
160 45.5 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 164.871 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024778.D
Acq: 23 May 2025 04:34

Tgt Ion:330 Resp: 720565
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.4
141 25.2 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 78.276 ng

RT: 12.892 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024778.D

Acq: 23 May 2025 04:34

Instrument :

BNA_P

ClientSampleId :

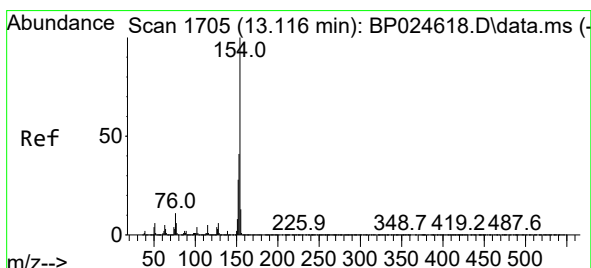
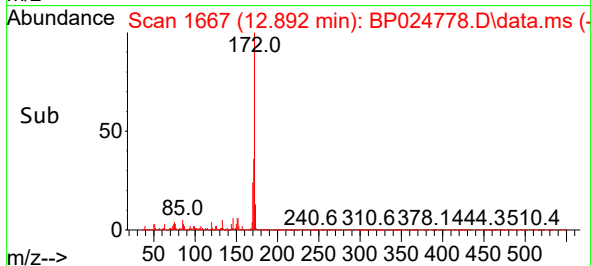
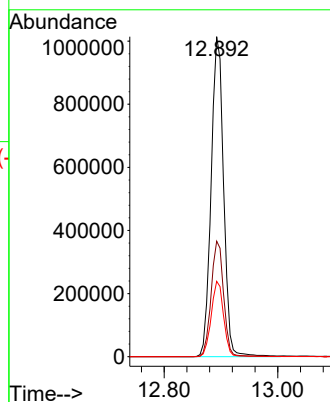
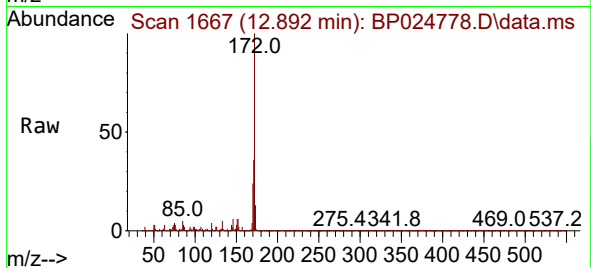
Tgt Ion:172 Resp: 1540280

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 7.442 ng

RT: 13.104 min Scan# 1703

Delta R.T. -0.012 min

Lab File: BP024778.D

Acq: 23 May 2025 04:34

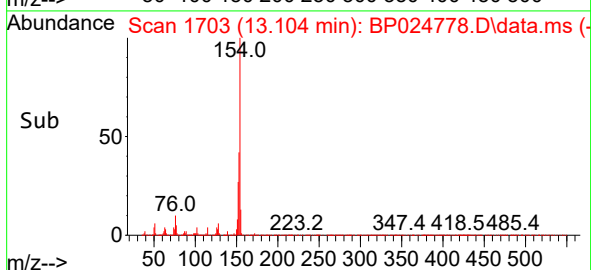
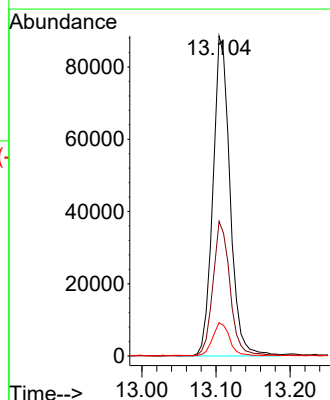
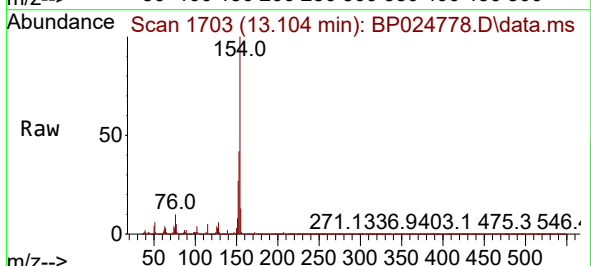
Tgt Ion:154 Resp: 141795

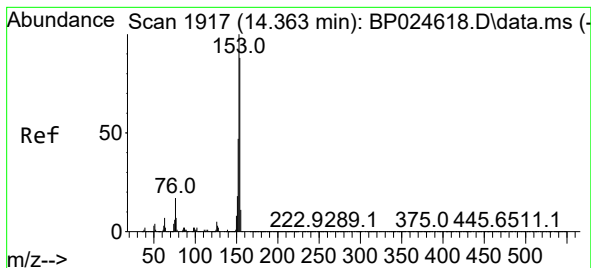
Ion Ratio Lower Upper

154 100

153 42.1 21.0 61.0

76 10.4 0.0 31.5





#52

Acenaphthene

Concen: 29.434 ng

RT: 14.345 min Scan# 1914

Delta R.T. -0.018 min

Lab File: BP024778.D

Acq: 23 May 2025 04:34

Instrument :

BNA_P

ClientSampleId :

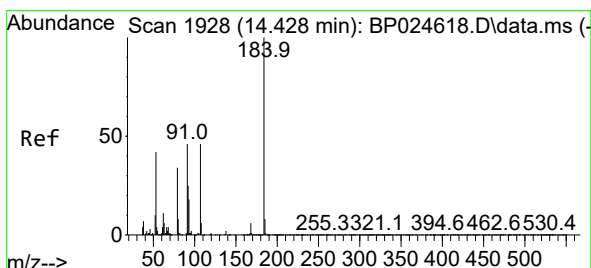
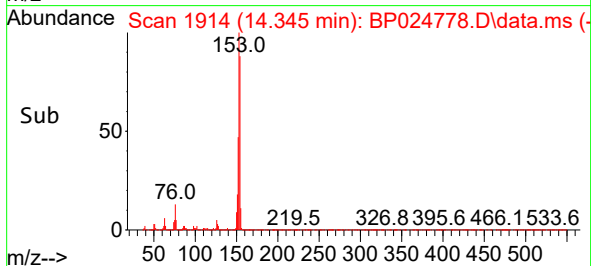
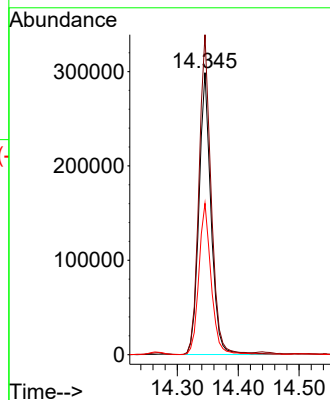
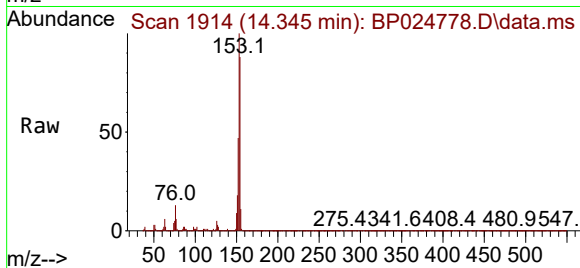
Tgt Ion:154 Resp: 411411

Ion Ratio Lower Upper

154 100

153 113.5 91.0 136.4

152 53.7 42.9 64.3



#54

2,4-Dinitrophenol

Concen: 6.409 ng

RT: 14.387 min Scan# 1921

Delta R.T. -0.042 min

Lab File: BP024778.D

Acq: 23 May 2025 04:34

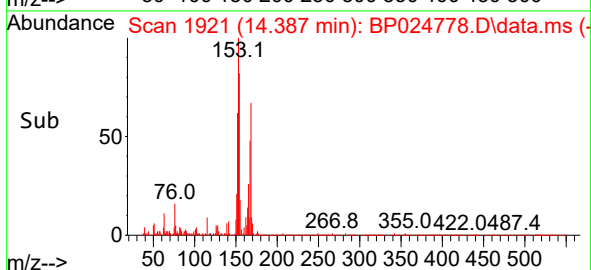
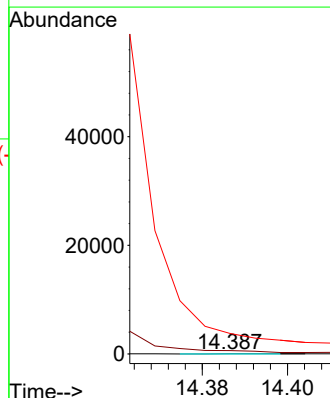
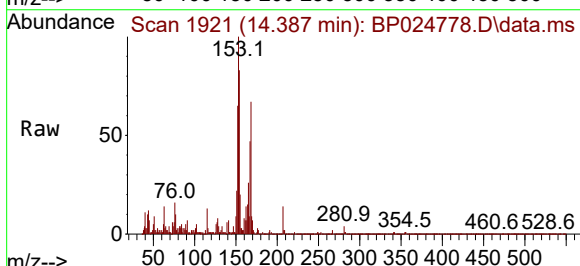
Tgt Ion:184 Resp: 22

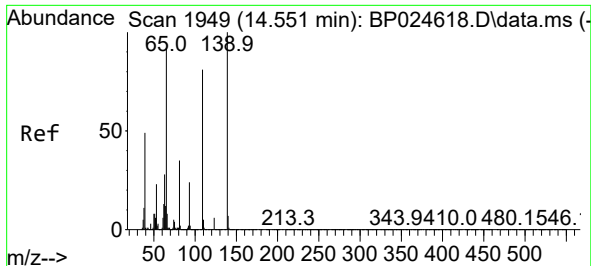
Ion Ratio Lower Upper

184 100

63 1434.9 51.3 76.9#

154 8751.2 53.5 80.3#

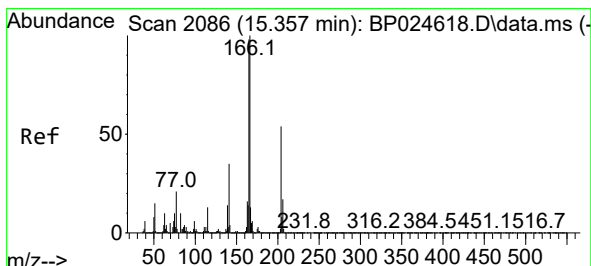
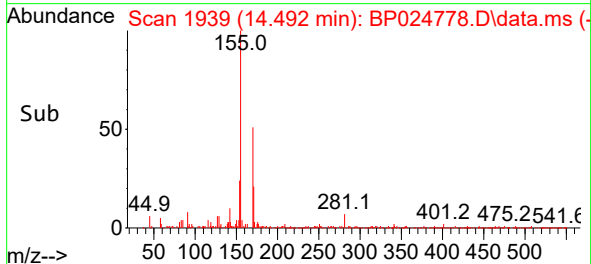
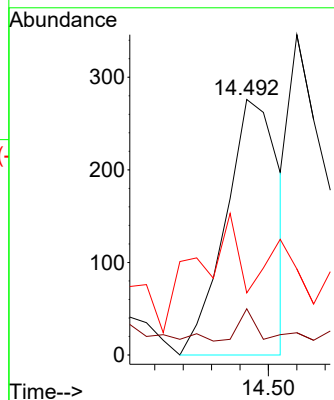
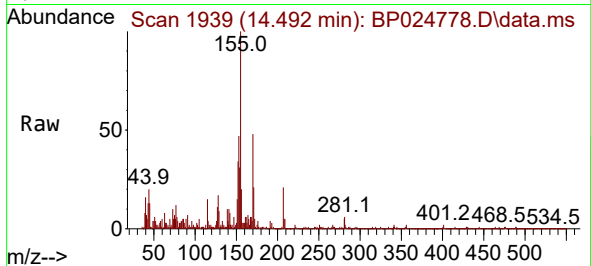




#56
4-Nitrophenol
Concen: 4.327 ng
RT: 14.492 min Scan# 1949
Delta R.T. -0.059 min
Lab File: BP024778.D
Acq: 23 May 2025 04:34

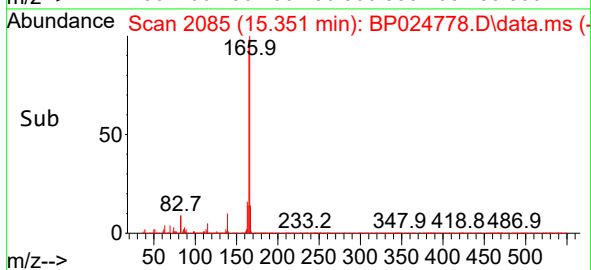
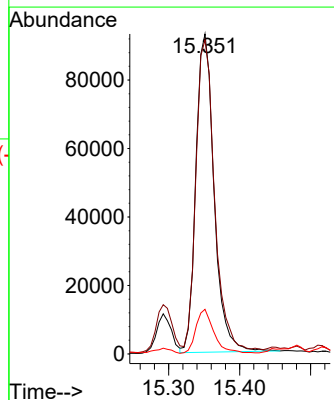
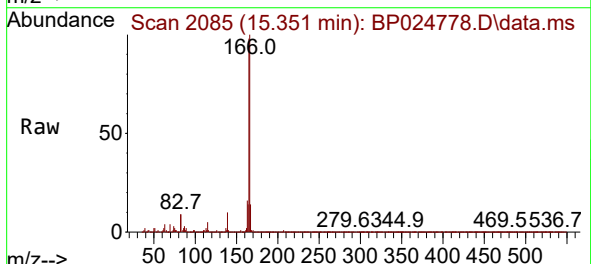
Instrument :
BNA_P
ClientSampleId :

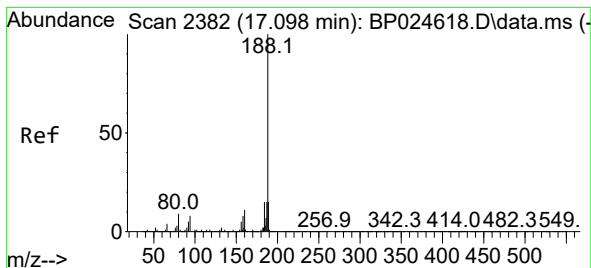
Tgt Ion:139 Resp: 360
Ion Ratio Lower Upper
139 100
109 18.1 61.4 101.4#
65 24.3 72.2 112.2#



#58
Fluorene
Concen: 9.118 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024778.D
Acq: 23 May 2025 04:34

Tgt Ion:166 Resp: 165759
Ion Ratio Lower Upper
166 100
165 98.1 78.5 117.7
167 14.0 10.7 16.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024778.D

Acq: 23 May 2025 04:34

Instrument :

BNA_P

ClientSampleId :

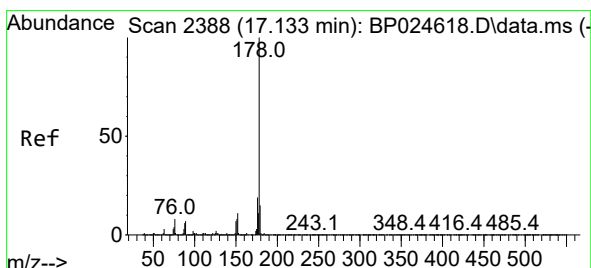
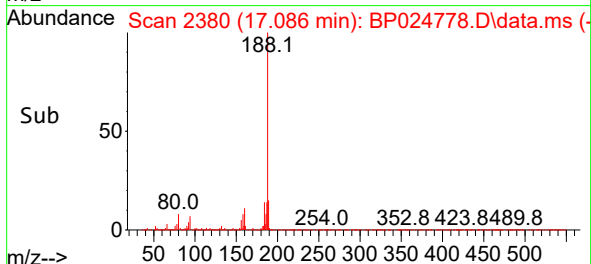
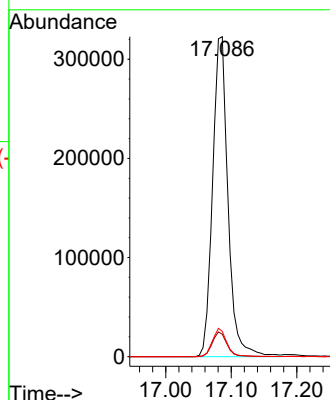
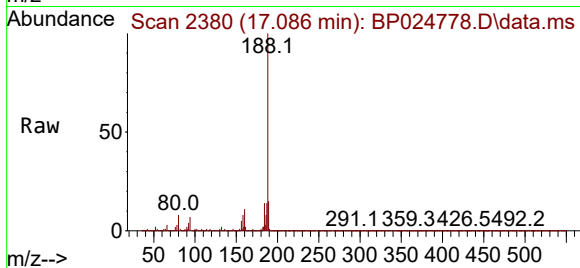
Tgt Ion:188 Resp: 526590

Ion Ratio Lower Upper

188 100

94 7.0 6.5 9.7

80 7.9 7.3 10.9



#71

Phenanthrene

Concen: 11.100 ng

RT: 17.128 min Scan# 2387

Delta R.T. -0.006 min

Lab File: BP024778.D

Acq: 23 May 2025 04:34

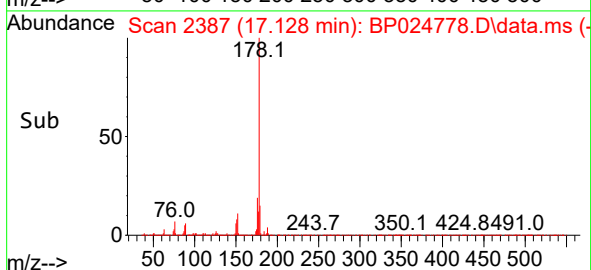
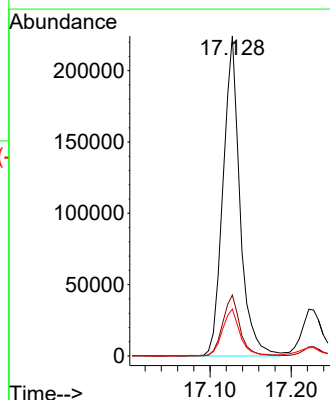
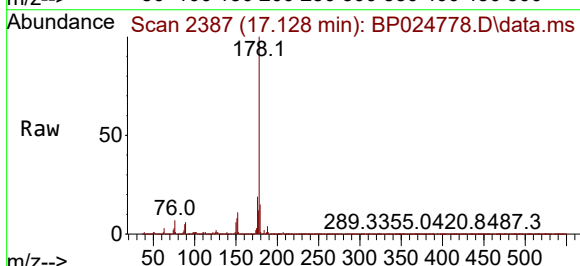
Tgt Ion:178 Resp: 324953

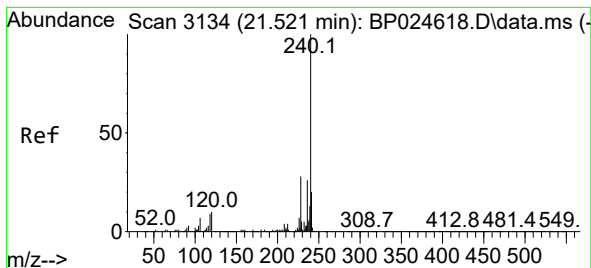
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 14.6 12.2 18.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024778.D

Acq: 23 May 2025 04:34

Instrument :

BNA_P

ClientSampleId :

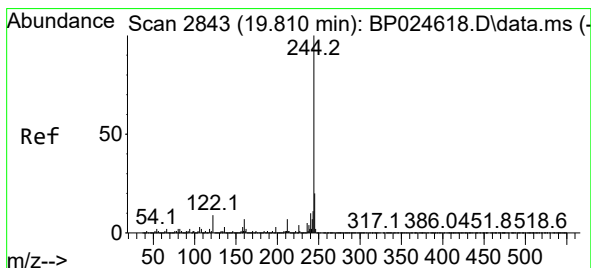
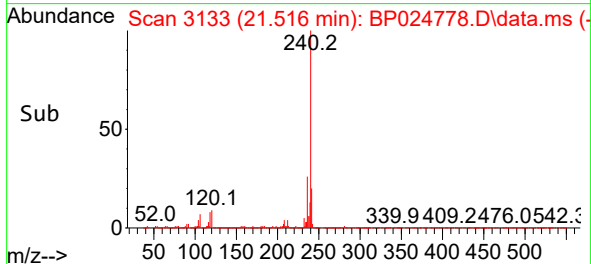
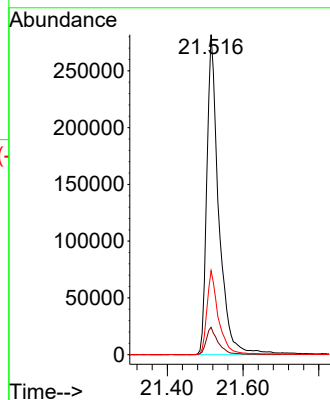
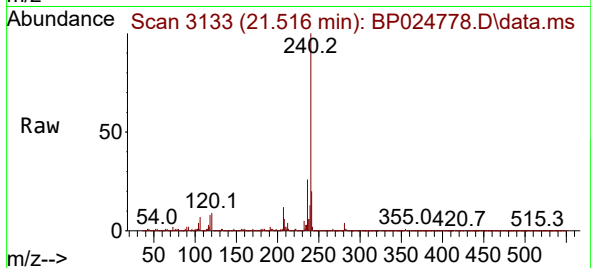
Tgt Ion:240 Resp: 612977

Ion Ratio Lower Upper

240 100

120 8.5 7.8 11.6

236 26.2 20.6 31.0



#79

Terphenyl-d14

Concen: 92.454 ng

RT: 19.804 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BP024778.D

Acq: 23 May 2025 04:34

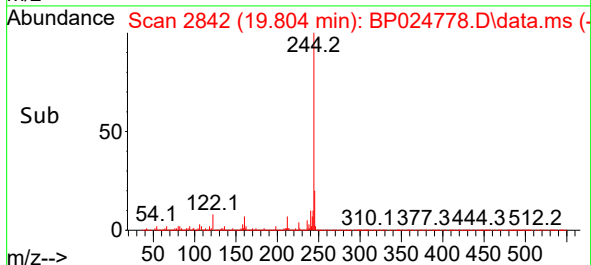
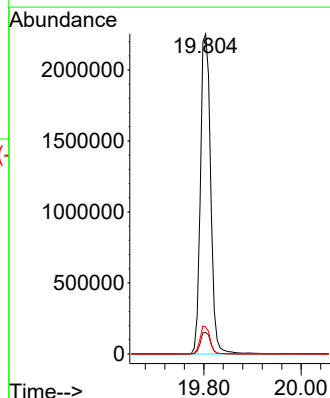
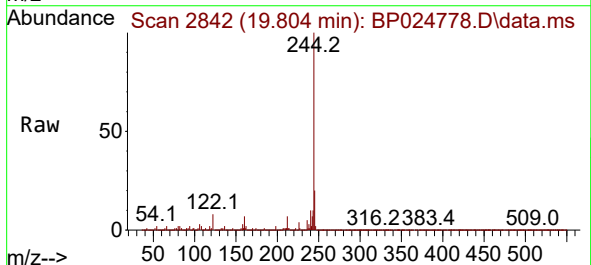
Tgt Ion:244 Resp: 3305107

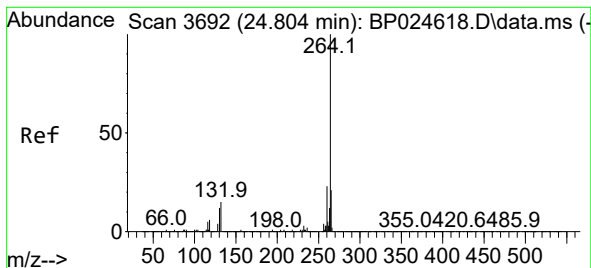
Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 8.5 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.815 min Scan# 30

Delta R.T. 0.012 min

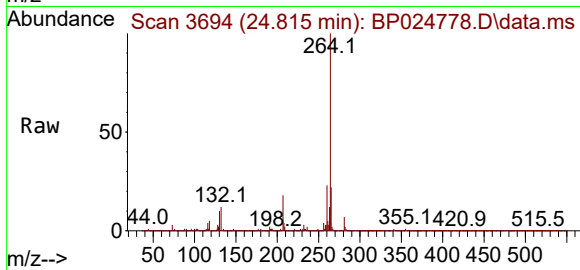
Lab File: BP024778.D

Acq: 23 May 2025 04:34

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:264 Resp: 741957

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 22.4 17.0 25.6

