

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024776.D
 Acq On : 23 May 2025 03:13
 Operator : RC/JU
 Sample : Q2078-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 23 05:07:56 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)

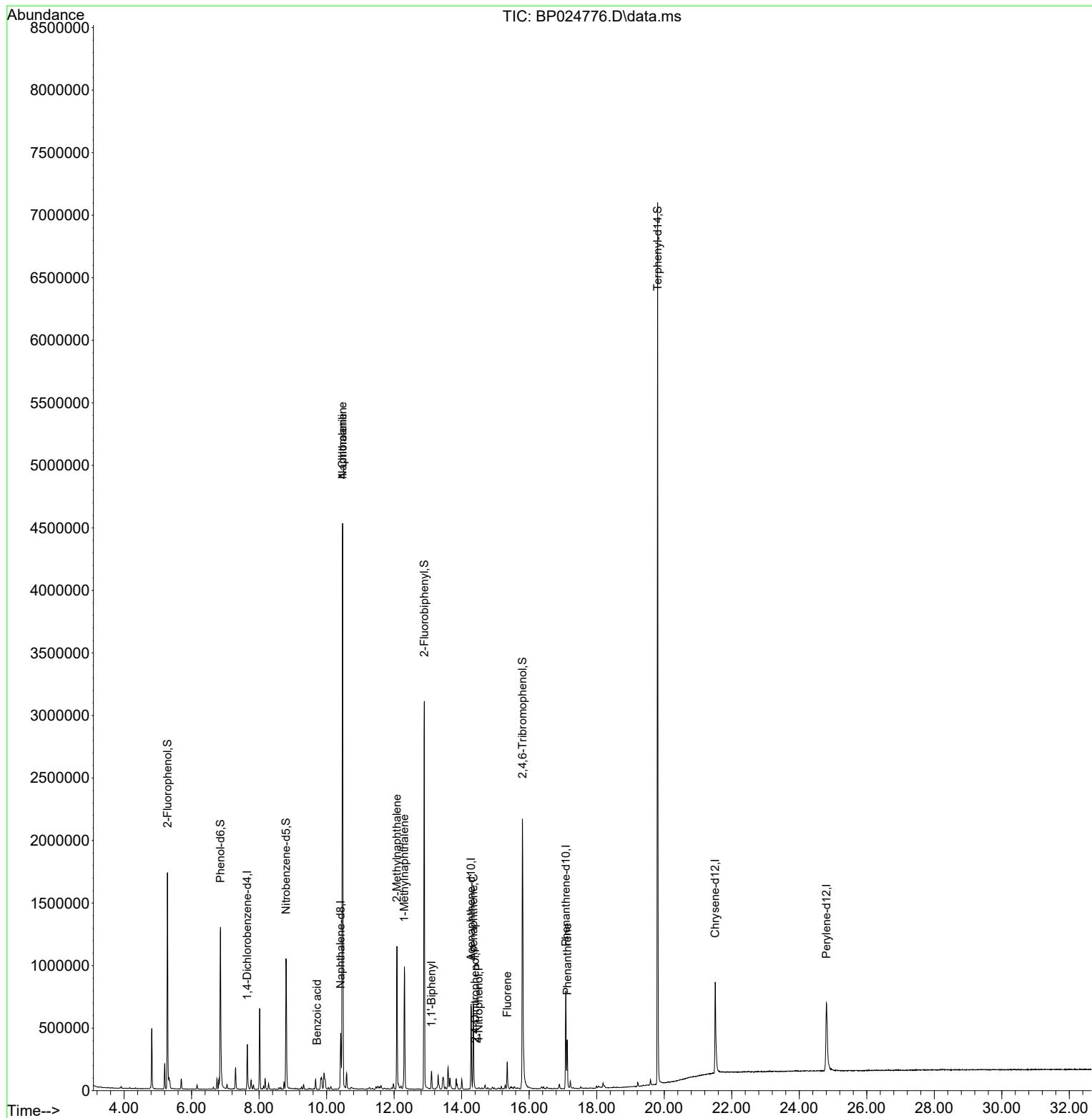
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	97988	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	378456	20.000	ng	-0.02
39) Acenaphthene-d10	14.281	164	239685	20.000	ng	-0.02
64) Phenanthrene-d10	17.087	188	497233	20.000	ng	-0.01
76) Chrysene-d12	21.510	240	609083	20.000	ng	-0.01
86) Perylene-d12	24.804	264	705796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	749776	130.872	ng	0.00
7) Phenol-d6	6.858	99	823806	112.667	ng	0.00
23) Nitrobenzene-d5	8.799	82	576333	76.944	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	719486	177.067	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1546540	84.534	ng	-0.01
79) Terphenyl-d14	19.804	244	3335116	93.890	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.475	128	3873290	197.497	ng	100
32) Benzoic acid	9.716	122	22	7.473	ng	# 1
33) 4-Chloroaniline	10.475	127	527196	66.616	ng	# 36
37) 2-Methylnaphthalene	12.081	142	546644	43.046	ng	99
38) 1-Methylnaphthalene	12.304	142	471442	34.697	ng	100
46) 1,1'-Biphenyl	13.104	154	84791	4.786	ng	99
52) Acenaphthene	14.346	154	261357	20.112	ng	99
54) 2,4-Dinitrophenol	14.399	184	10	6.405	ng	# 1
56) 4-Nitrophenol	14.504	139	636	4.411	ng	# 39
58) Fluorene	15.351	166	110423	6.533	ng	99
71) Phenanthrene	17.128	178	235813	8.531	ng	100

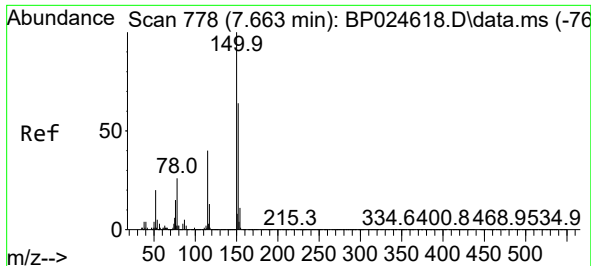
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024776.D
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BNA_P
ClientSampleId :

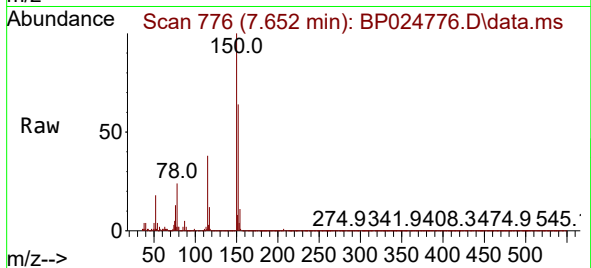
Quant Time: May 23 05:07:56 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



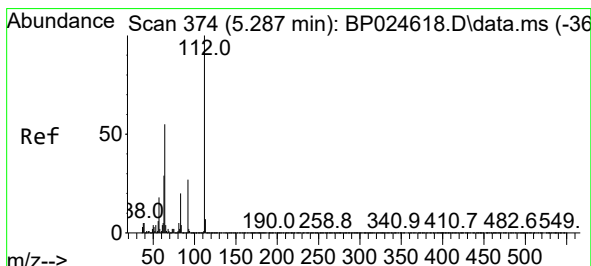
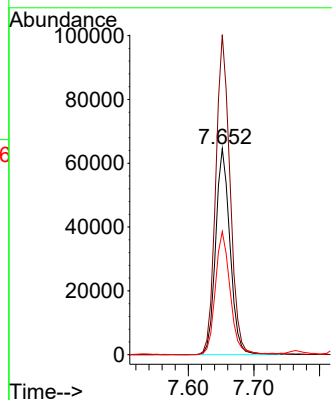
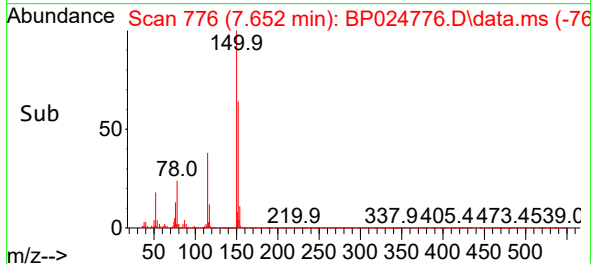


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

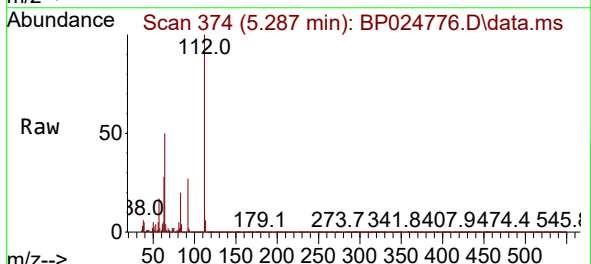
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BNA_P
ClientSampleId :



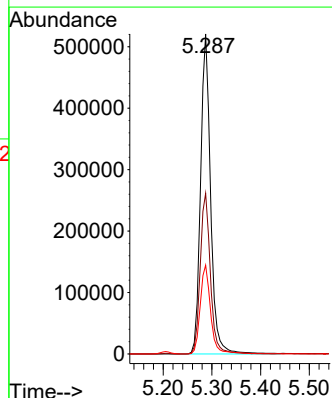
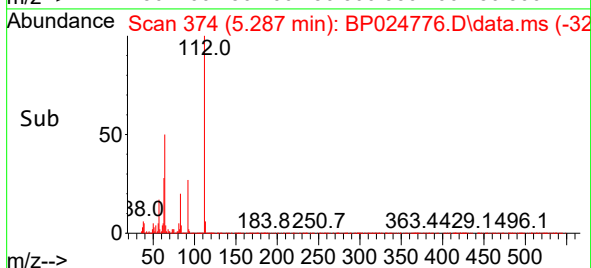
Tgt Ion:152 Resp: 97988
Ion Ratio Lower Upper
152 100
150 155.2 125.9 188.9
115 59.7 50.1 75.1

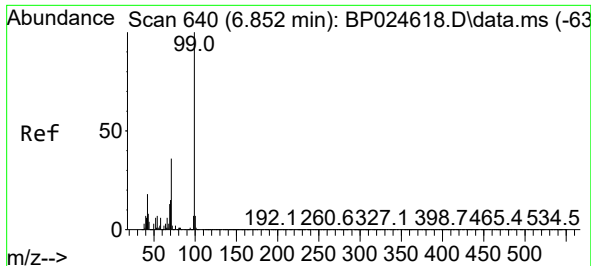


#5
2-Fluorophenol
Concen: 130.872 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13



Tgt Ion:112 Resp: 749776
Ion Ratio Lower Upper
112 100
64 50.2 44.1 66.1
63 27.8 23.5 35.3

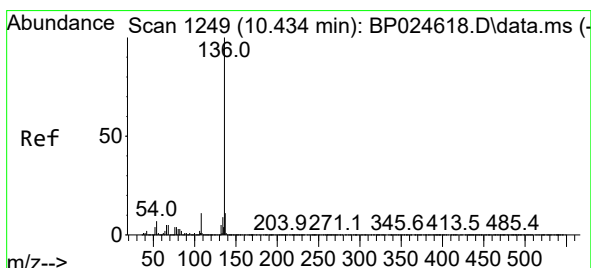
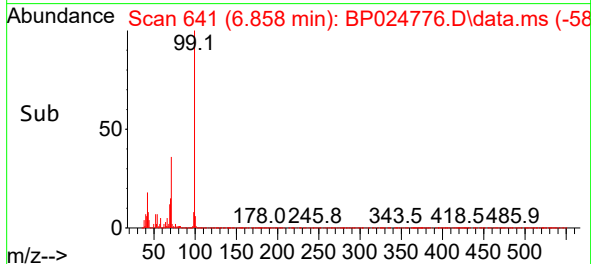
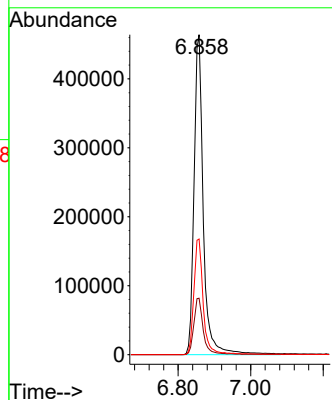
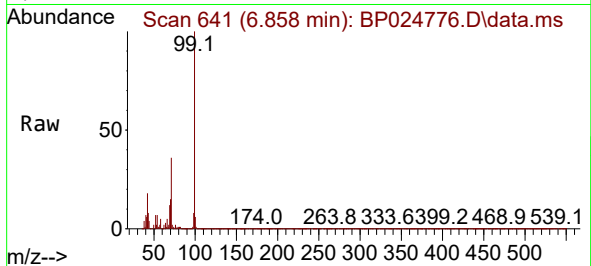




#7
Phenol-d6
Concen: 112.667 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

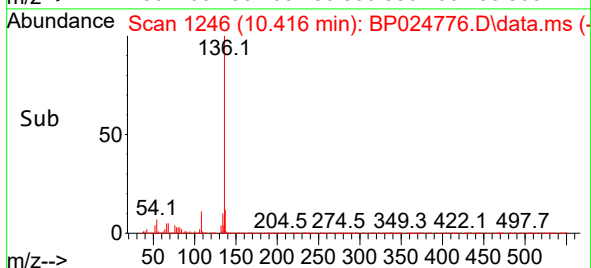
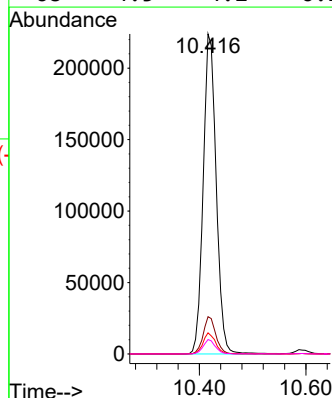
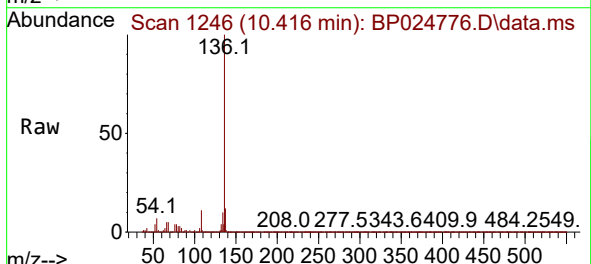
Instrument :
BNA_P
ClientSampleId :

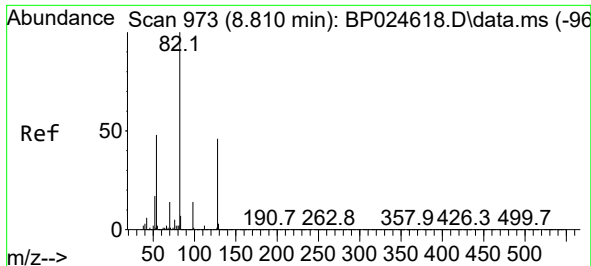
Tgt Ion: 99 Resp: 823806
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 36.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion: 136 Resp: 378456
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 6.6 5.5 8.3
68 4.5 4.2 6.2

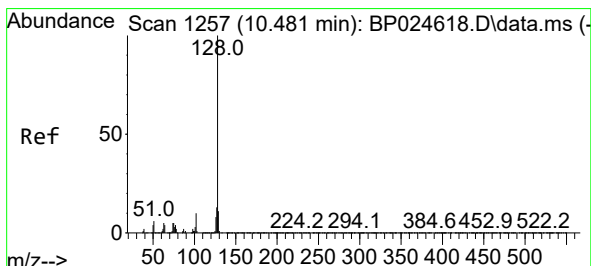
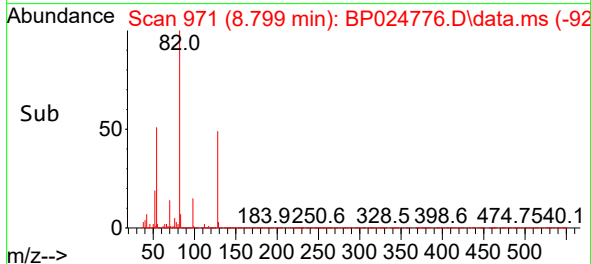
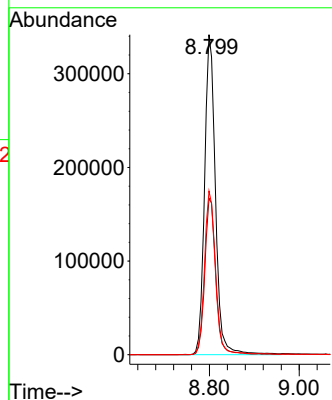
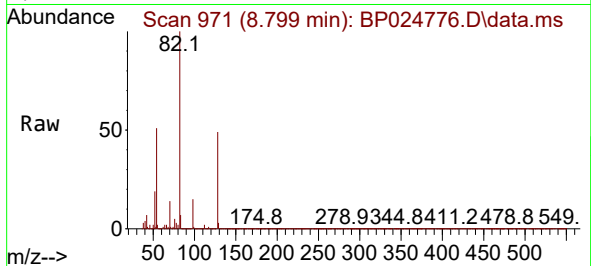




#23
Nitrobenzene-d5
Concen: 76.944 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

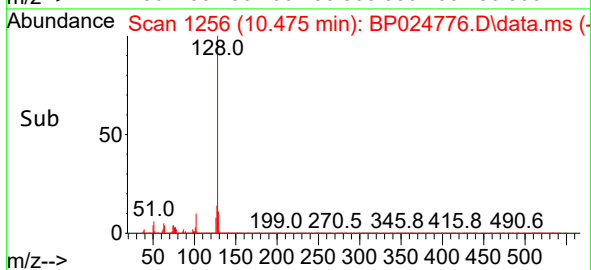
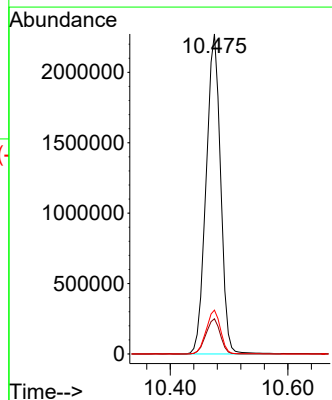
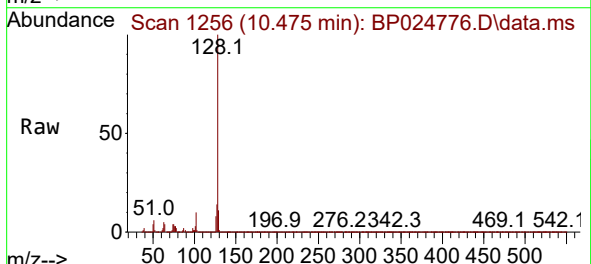
Instrument :
BNA_P
ClientSampleId :

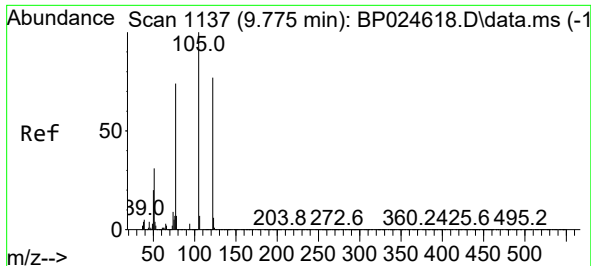
Tgt Ion: 82 Resp: 576333
Ion Ratio Lower Upper
82 100
128 48.9 37.0 55.4
54 51.2 38.7 58.1



#31
Naphthalene
Concen: 197.497 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

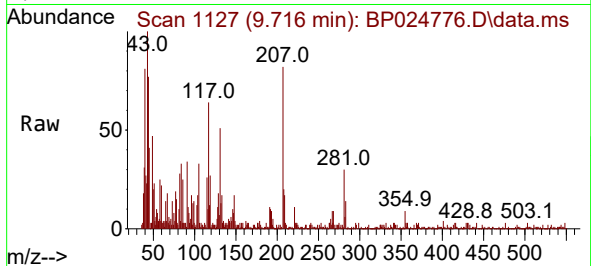
Tgt Ion:128 Resp: 3873290
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.7 10.7 16.1



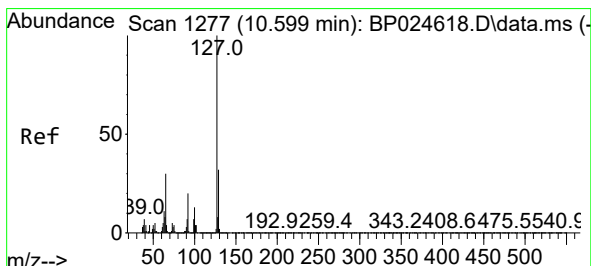
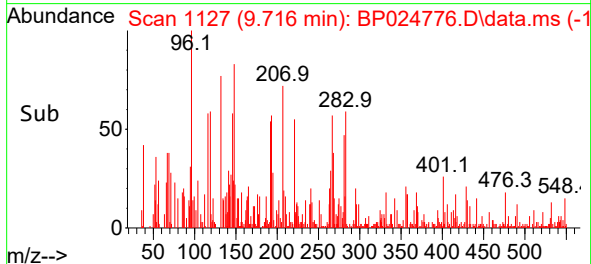
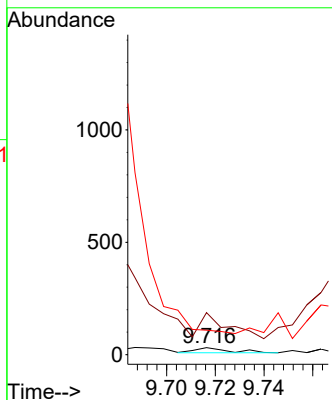


#32
Benzoic acid
Concen: 7.473 ng
RT: 9.716 min Scan# 1127
Delta R.T. -0.059 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Instrument :
BNA_P
ClientSampleId :

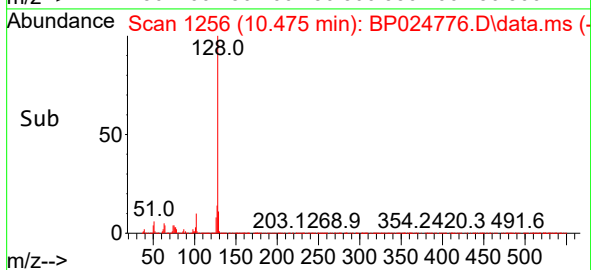
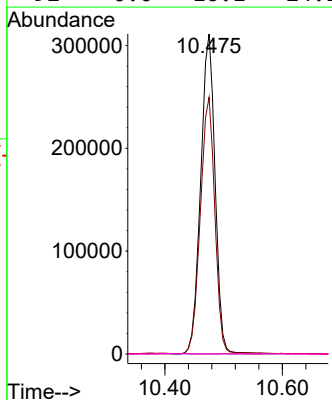
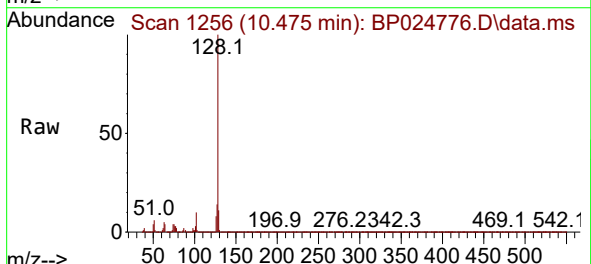


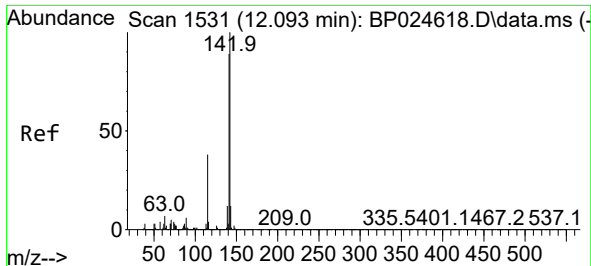
Tgt Ion:122 Resp: 22
Ion Ratio Lower Upper
122 100
105 603.2 106.9 146.9#
77 351.6 75.1 115.1#



#33
4-Chloroaniline
Concen: 66.616 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.123 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

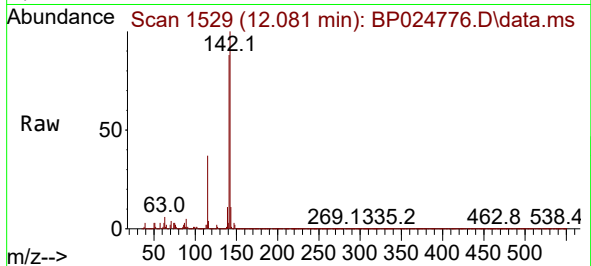
Tgt Ion:127 Resp: 527196
Ion Ratio Lower Upper
127 100
129 80.2 25.8 38.6#
65 0.0 23.9 35.9#
92 0.0 16.1 24.1#



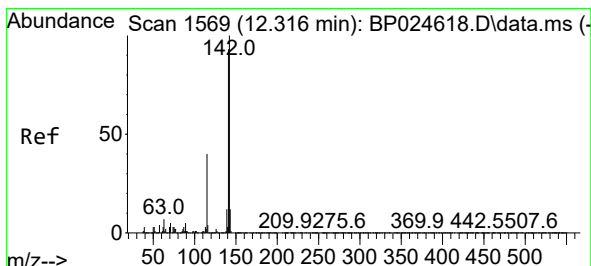
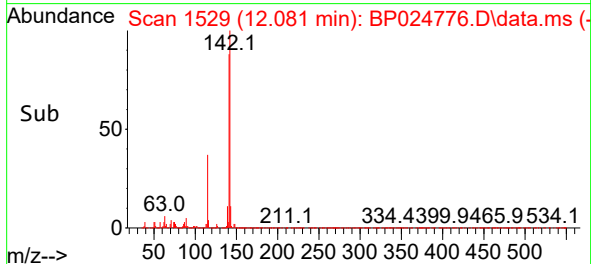
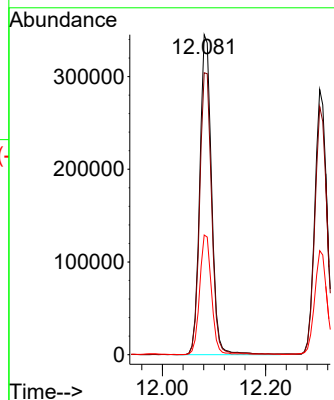


#37
2-Methylnaphthalene
Concen: 43.046 ng
RT: 12.081 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Instrument :
BNA_P
ClientSampleId :

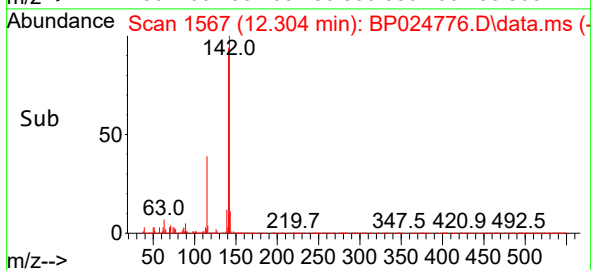
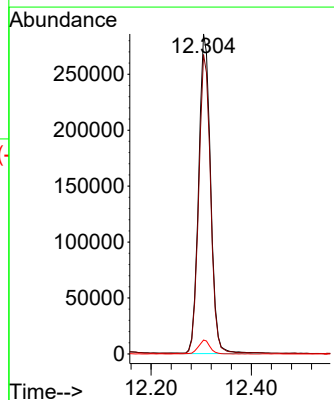
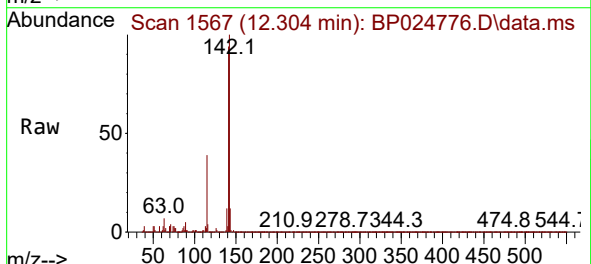


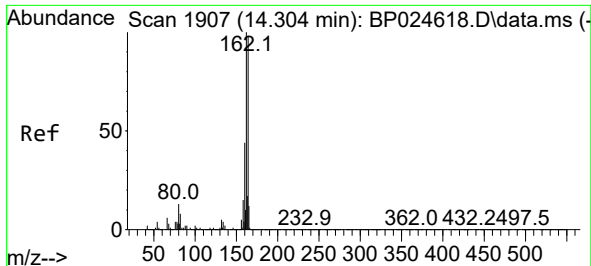
Tgt Ion:142 Resp: 546644
Ion Ratio Lower Upper
142 100
141 88.1 71.2 106.8
115 37.4 30.6 46.0



#38
1-Methylnaphthalene
Concen: 34.697 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

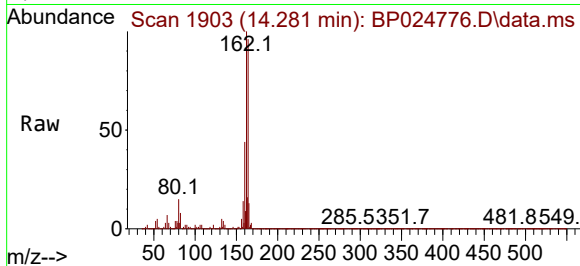
Tgt Ion:142 Resp: 471442
Ion Ratio Lower Upper
142 100
141 93.5 74.7 112.1
116 4.3 3.4 5.2



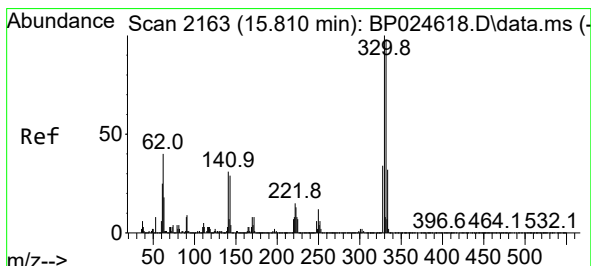
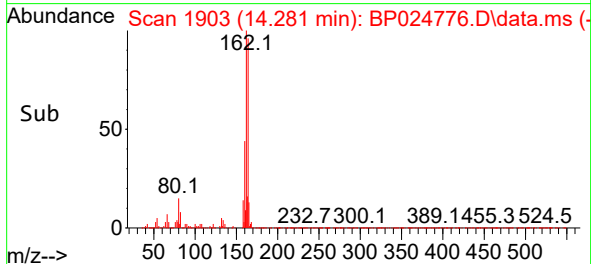
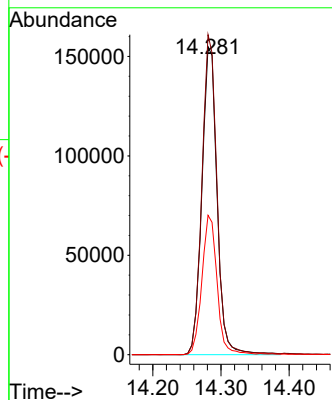


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Instrument :
BNA_P
ClientSampleId :

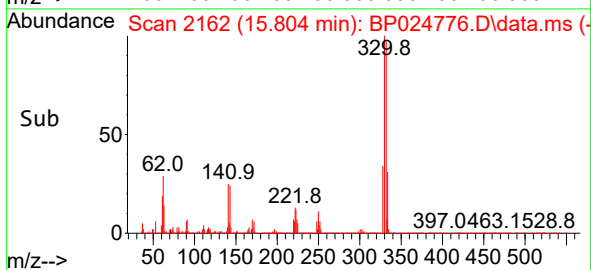
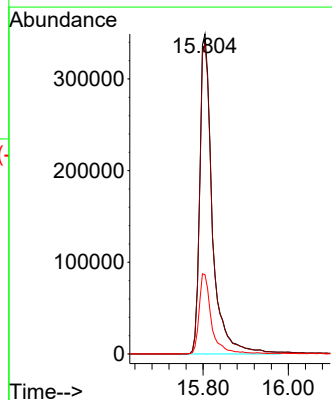
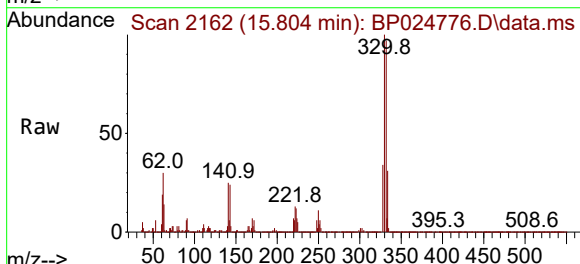


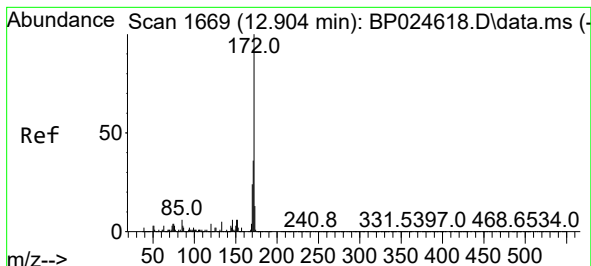
Tgt Ion:164 Resp: 239685
Ion Ratio Lower Upper
164 100
162 103.9 81.8 122.6
160 45.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 177.067 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:330 Resp: 719486
Ion Ratio Lower Upper
330 100
332 98.0 78.2 117.4
141 24.2 24.3 36.5#

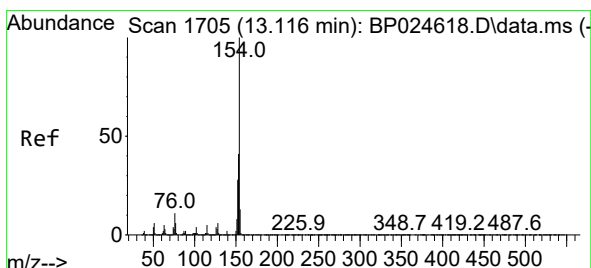
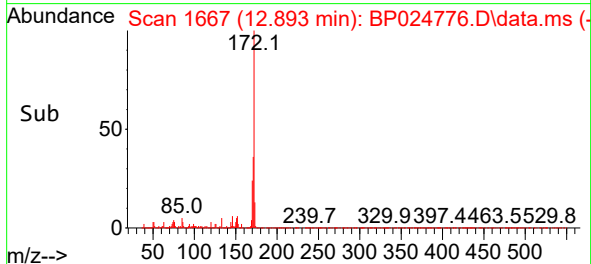
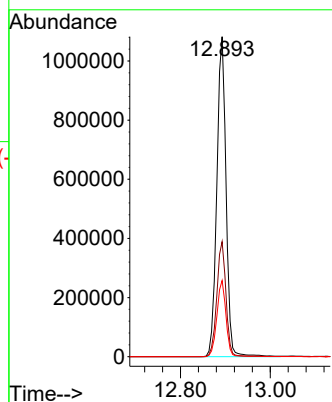
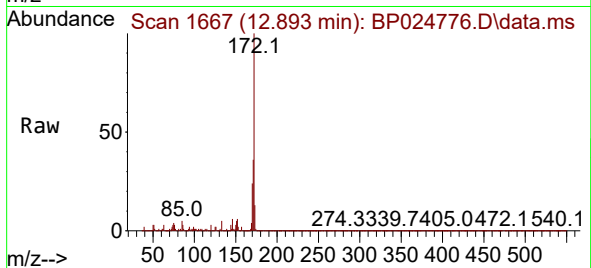




#45
2-Fluorobiphenyl
Concen: 84.534 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

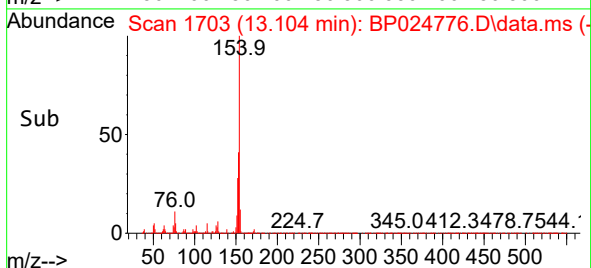
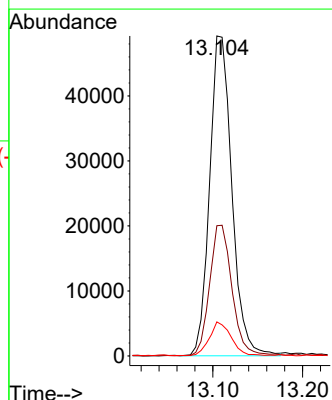
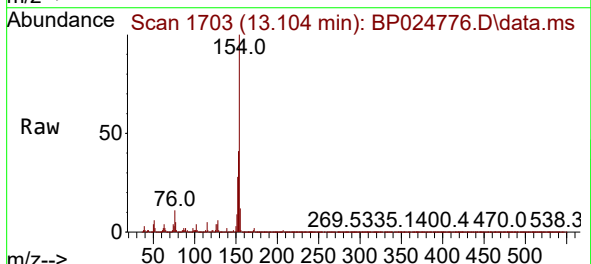
Instrument :
BNA_P
ClientSampleId :

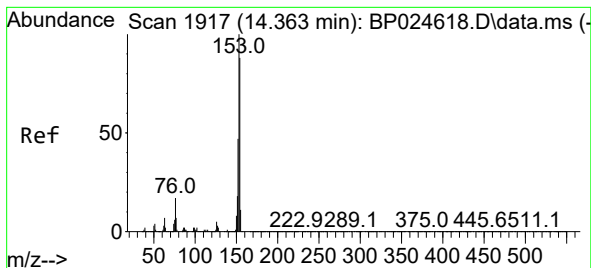
Tgt Ion:172 Resp: 1546540
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.8 18.8 28.2



#46
1,1'-Biphenyl
Concen: 4.786 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:154 Resp: 84791
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 10.6 0.0 31.5





#52

Acenaphthene

Concen: 20.112 ng

RT: 14.346 min Scan# 1914

Delta R.T. -0.017 min

Lab File: BP024776.D

Acq: 23 May 2025 03:13

Instrument :

BNA_P

ClientSampleId :

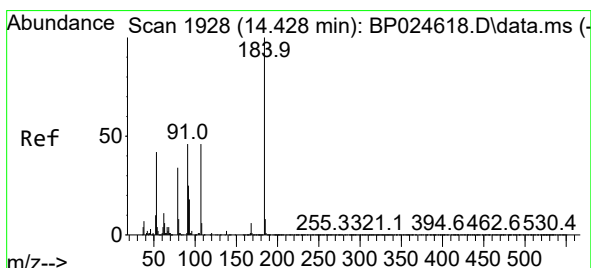
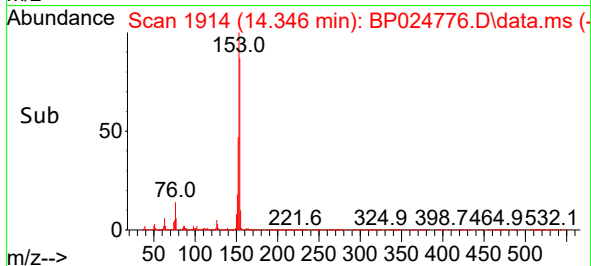
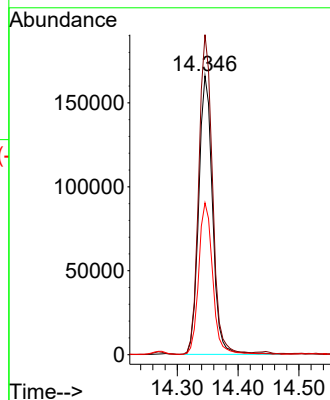
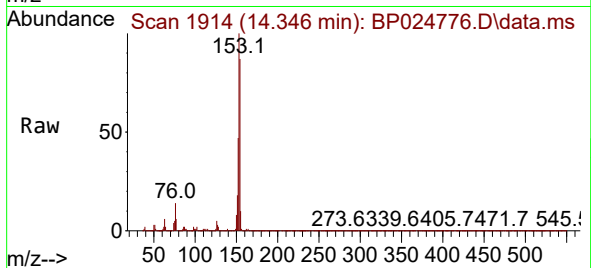
Tgt Ion:154 Resp: 261357

Ion Ratio Lower Upper

154 100

153 114.7 91.0 136.4

152 54.4 42.9 64.3



#54

2,4-Dinitrophenol

Concen: 6.405 ng

RT: 14.399 min Scan# 1923

Delta R.T. -0.030 min

Lab File: BP024776.D

Acq: 23 May 2025 03:13

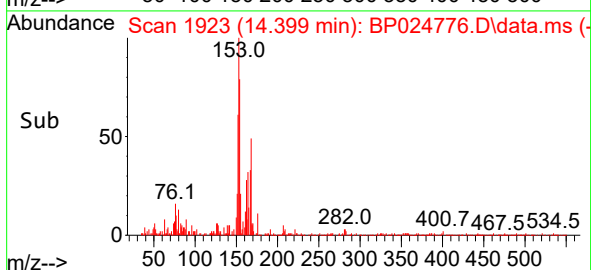
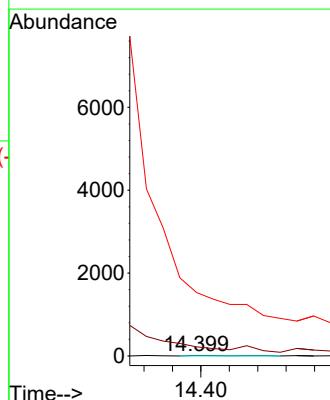
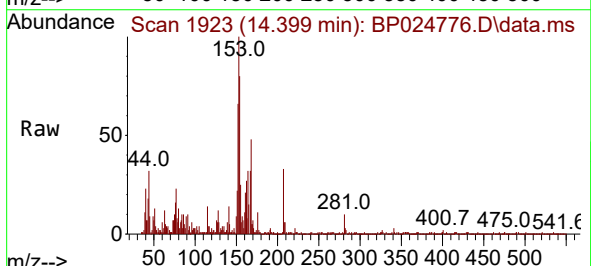
Tgt Ion:184 Resp: 10

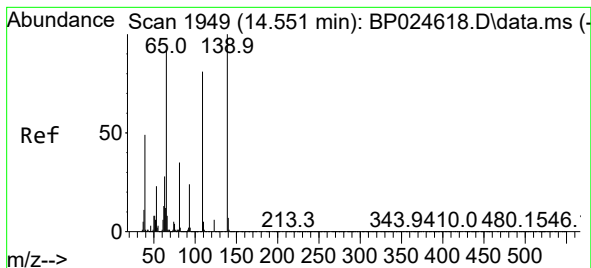
Ion Ratio Lower Upper

184 100

63 2210.0 51.3 76.9#

154 15290.0 53.5 80.3#

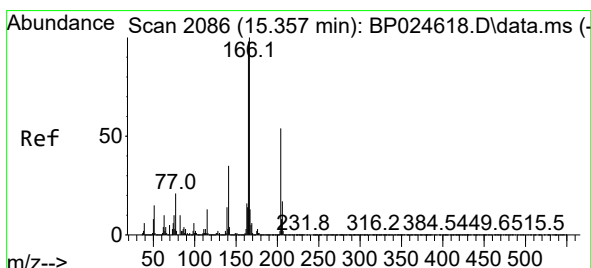
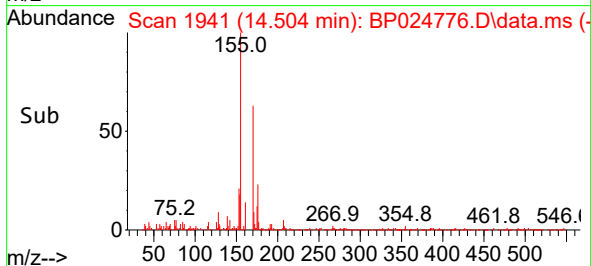
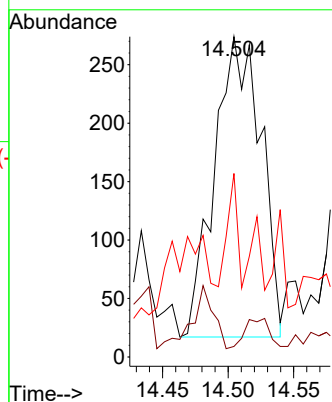
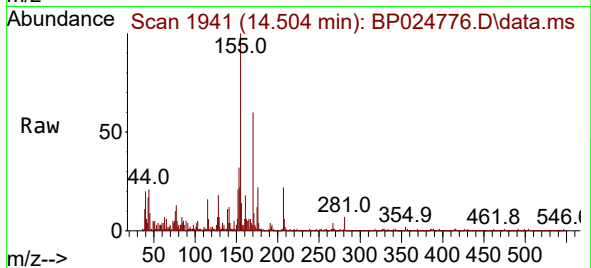




#56
4-Nitrophenol
Concen: 4.411 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.047 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

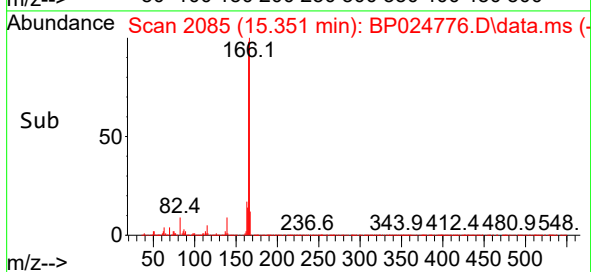
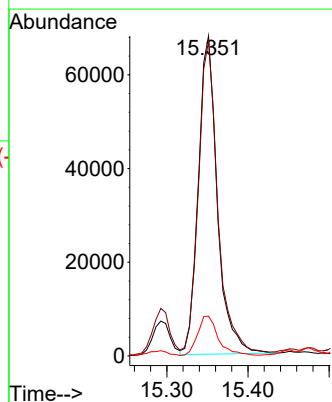
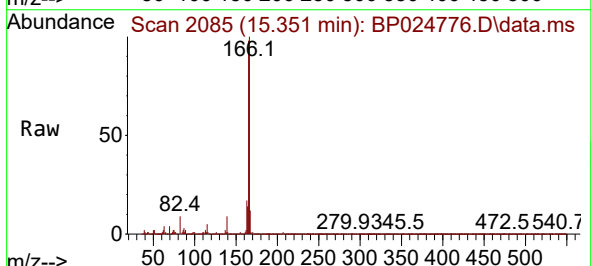
Instrument :
BNA_P
ClientSampleId :

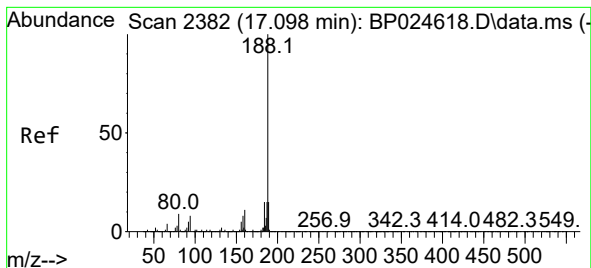
Tgt Ion:139 Resp: 636
Ion Ratio Lower Upper
139 100
109 3.3 61.4 101.4#
65 57.3 72.2 112.2#



#58
Fluorene
Concen: 6.533 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:166 Resp: 110423
Ion Ratio Lower Upper
166 100
165 98.4 78.5 117.7
167 12.4 10.7 16.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.087 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024776.D

Acq: 23 May 2025 03:13

Instrument :

BNA_P

ClientSampleId :

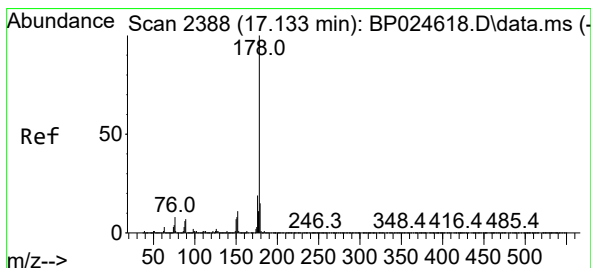
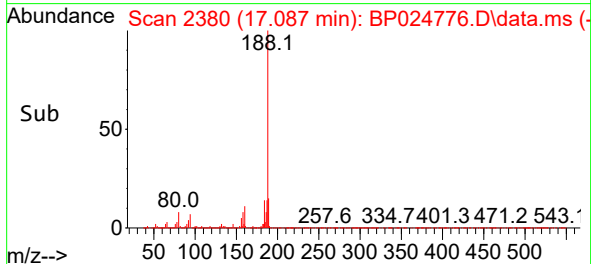
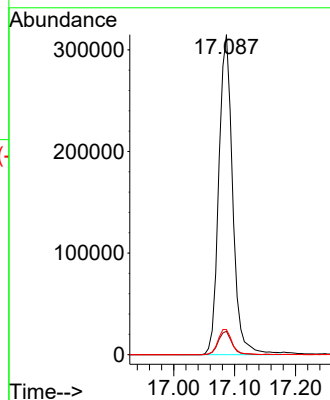
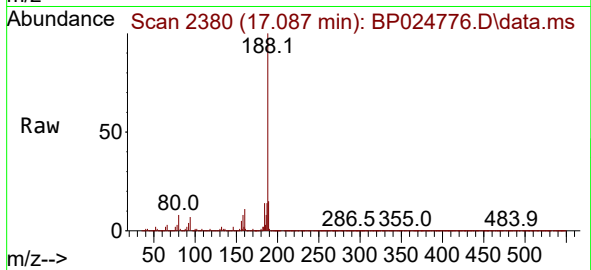
Tgt Ion:188 Resp: 497233

Ion Ratio Lower Upper

188 100

94 7.3 6.5 9.7

80 7.9 7.3 10.9



#71

Phenanthrene

Concen: 8.531 ng

RT: 17.128 min Scan# 2387

Delta R.T. -0.006 min

Lab File: BP024776.D

Acq: 23 May 2025 03:13

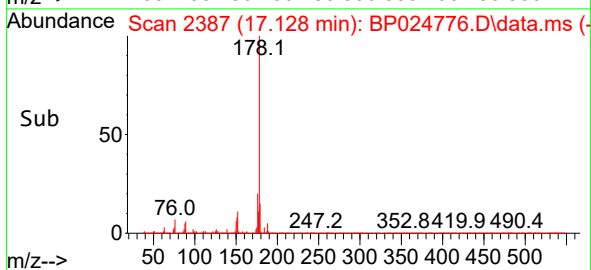
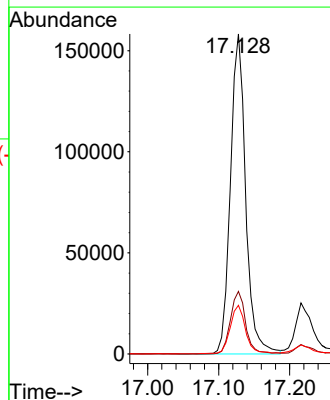
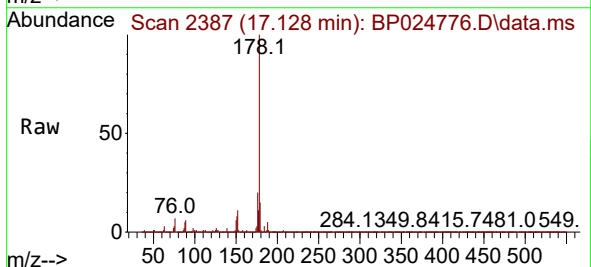
Tgt Ion:178 Resp: 235813

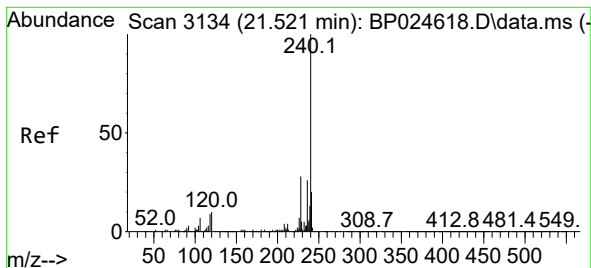
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.2 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: BP024776.D

Acq: 23 May 2025 03:13

Instrument :

BNA_P

ClientSampleId :

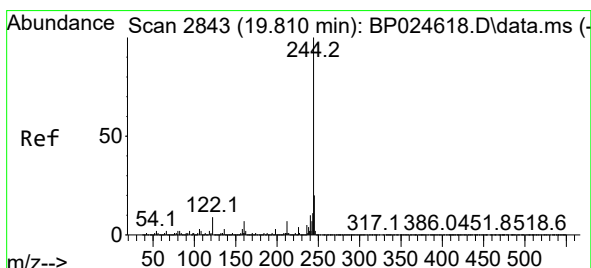
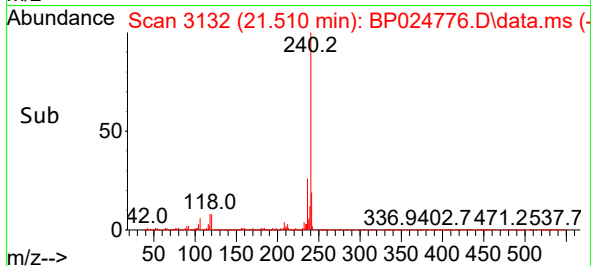
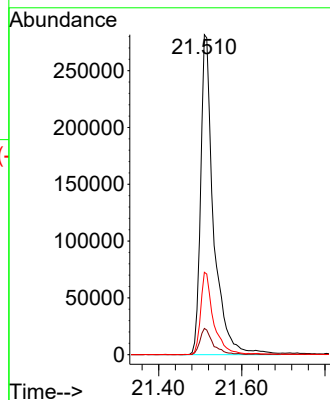
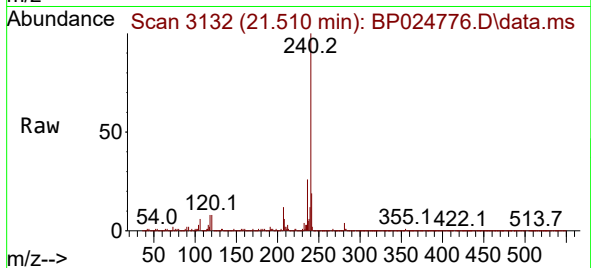
Tgt Ion:240 Resp: 609083

Ion Ratio Lower Upper

240 100

120 8.2 7.8 11.6

236 25.8 20.6 31.0



#79

Terphenyl-d14

Concen: 93.890 ng

RT: 19.804 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BP024776.D

Acq: 23 May 2025 03:13

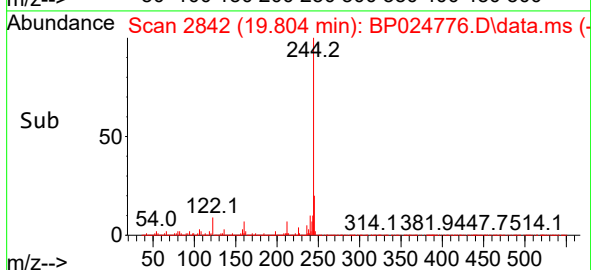
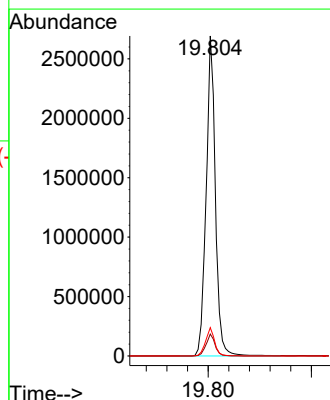
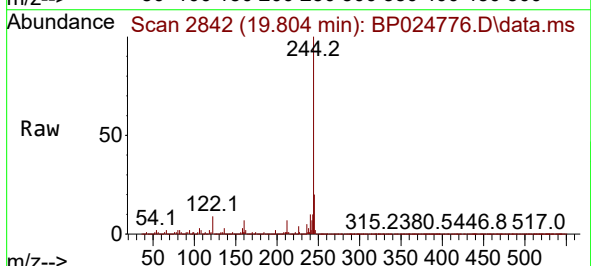
Tgt Ion:244 Resp: 3335116

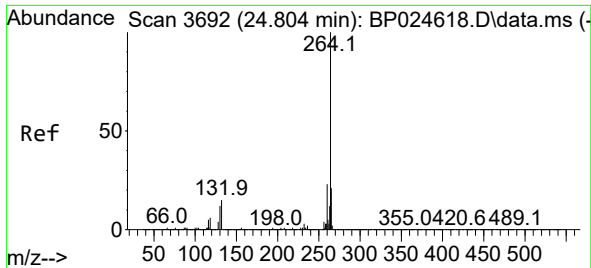
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

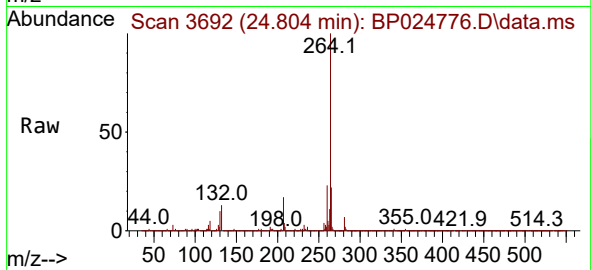
122 8.8 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.804 min Scan# 30
Delta R.T. 0.000 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:264 Resp: 705796
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 22.4 17.0 25.6

