

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024532.D
 Acq On : 05 May 2025 19:28
 Operator : RC/JU
 Sample : Q1929-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-A1-03-C

Quant Time: May 06 04:19:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

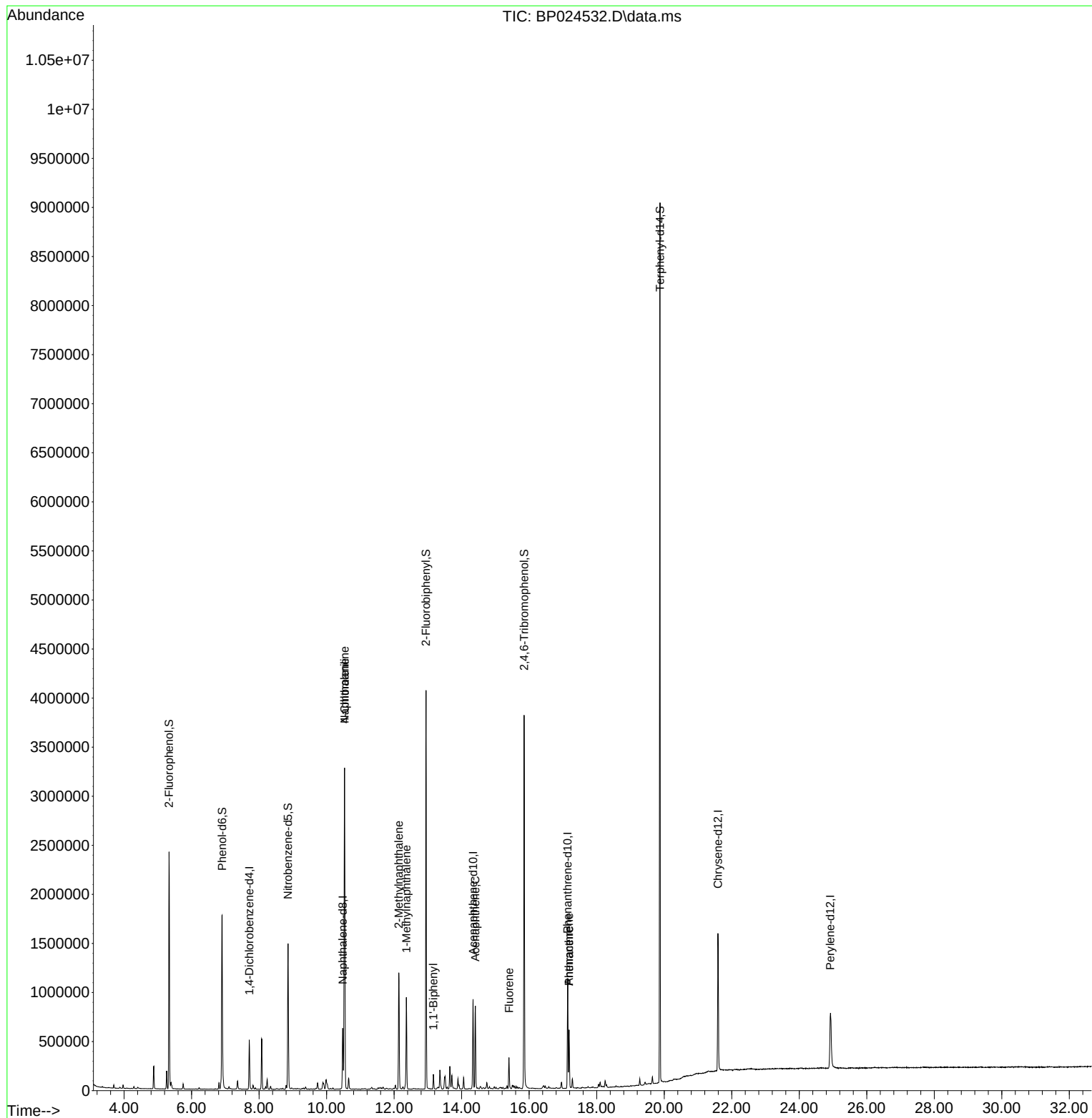
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	134404	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	525227	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	306807	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	669885	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	845035	20.000	ng	# 0.00
86) Perylene-d12	24.921	264	480285	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1037351	127.616	ng	-0.01
7) Phenol-d6	6.905	99	1136944	102.147	ng	0.00
23) Nitrobenzene-d5	8.857	82	866182	94.037	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	749557	176.581	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	1863196	92.982	ng	-0.02
79) Terphenyl-d14	19.874	244	3993007	95.244	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.534	128	2859524	103.355	ng	100
33) 4-Chloroaniline	10.534	127	378902	38.889	ng	# 36
37) 2-Methylnaphthalene	12.140	142	580627	30.261	ng	97
38) 1-Methylnaphthalene	12.363	142	413380	22.023	ng	99
46) 1,1'-Biphenyl	13.163	154	72797	3.228	ng	98
52) Acenaphthene	14.404	154	306685	18.229	ng	98
58) Fluorene	15.404	166	144515	6.789	ng	99
71) Phenanthrene	17.181	178	388582	10.633	ng	100
72) Anthracene	17.181	178	388582	11.033	ng	99

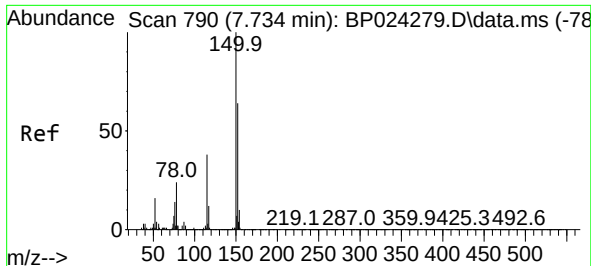
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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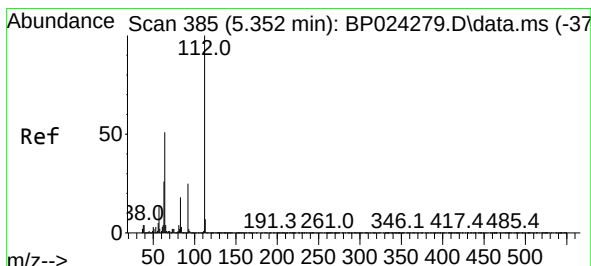
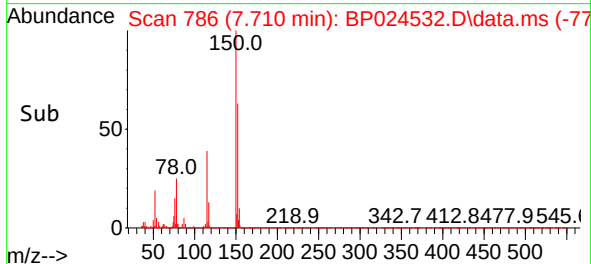
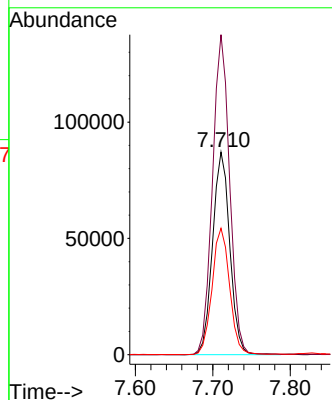
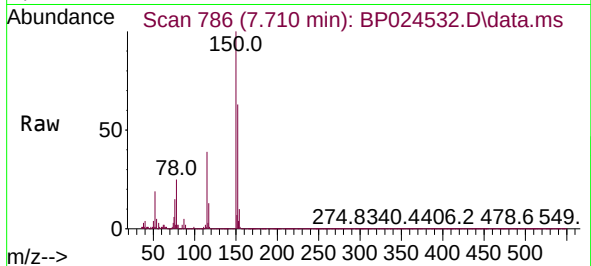




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

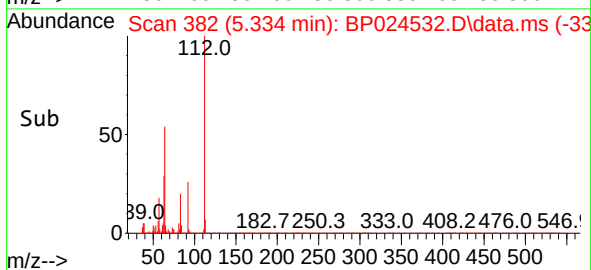
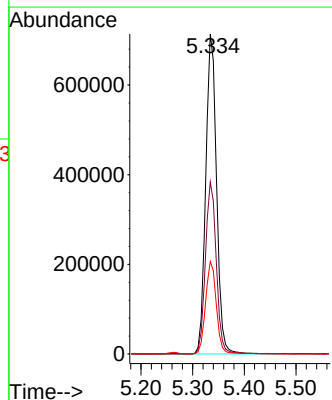
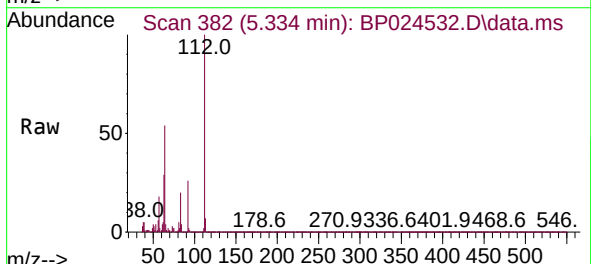
Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

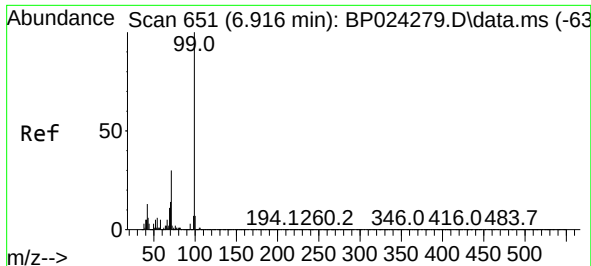
Tgt Ion:152 Resp: 134404
Ion Ratio Lower Upper
152 100
150 157.9 124.9 187.3
115 62.4 47.7 71.5



#5
2-Fluorophenol
Concen: 127.616 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:112 Resp: 1037351
Ion Ratio Lower Upper
112 100
64 53.8 41.1 61.7
63 28.9 20.6 30.8

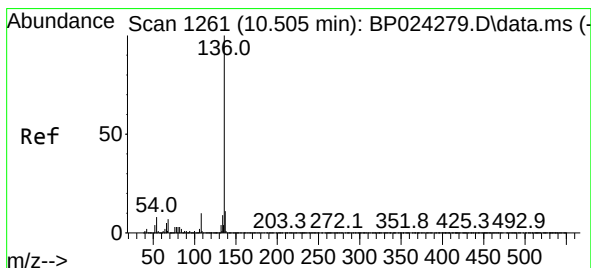
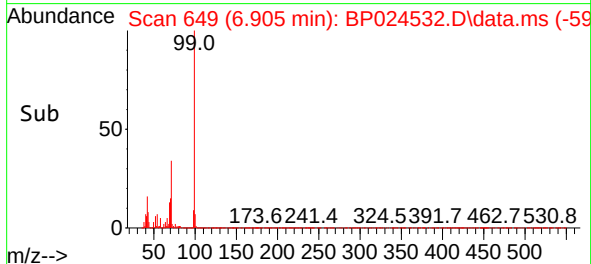
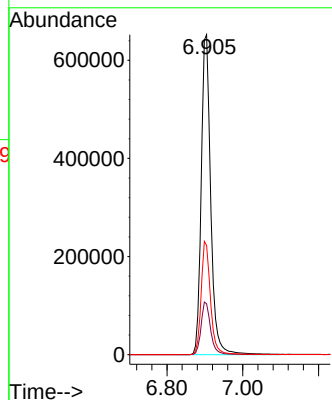
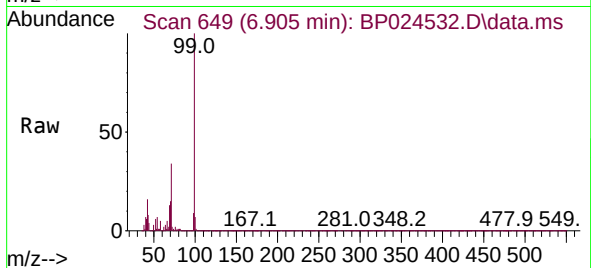




#7
Phenol-d6
Concen: 102.147 ng
RT: 6.905 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

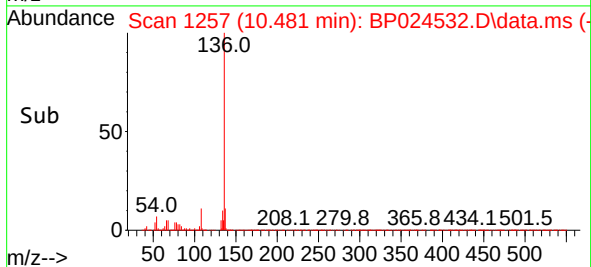
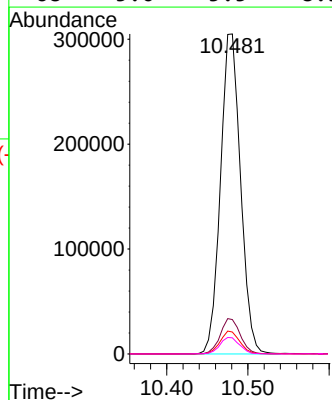
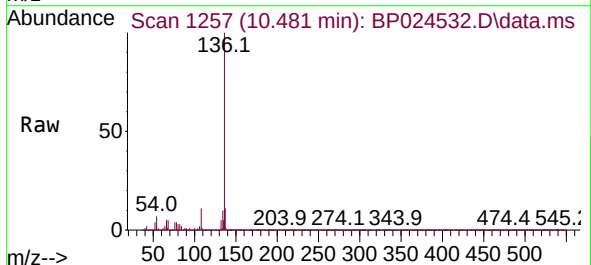
Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

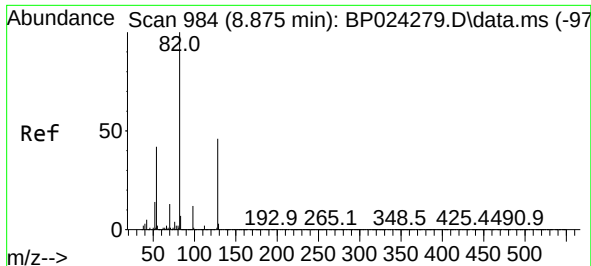
Tgt Ion: 99 Resp: 1136944
Ion Ratio Lower Upper
99 100
42 15.9 10.6 16.0
71 34.1 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion: 136 Resp: 525227
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.8 6.0 9.0
68 5.0 5.5 8.3#

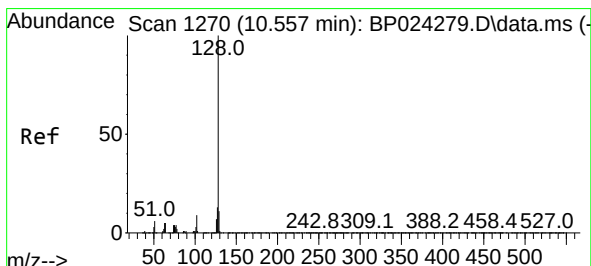
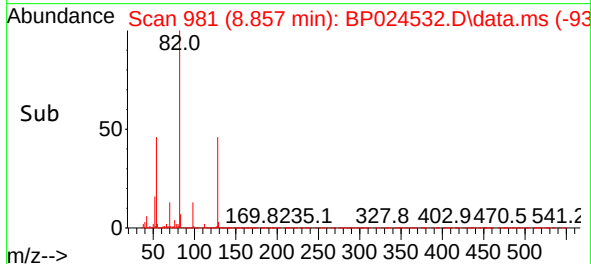
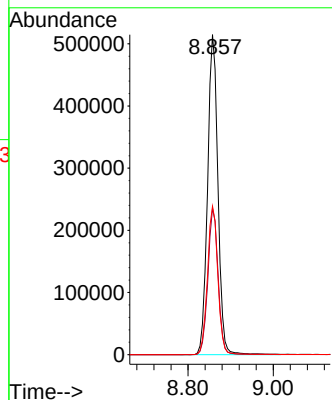
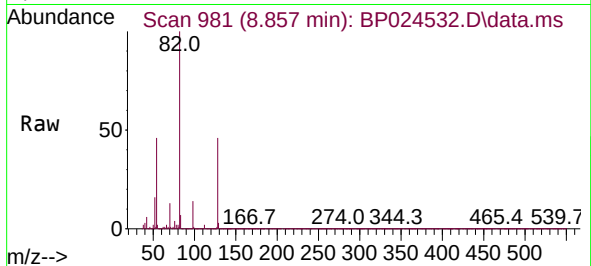




#23
Nitrobenzene-d5
Concen: 94.037 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

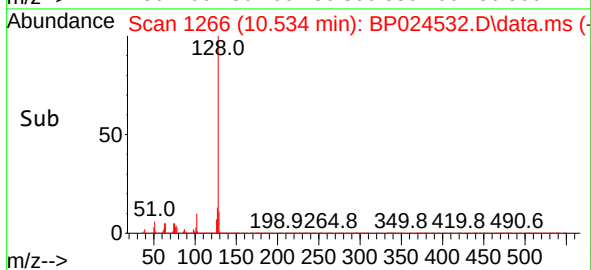
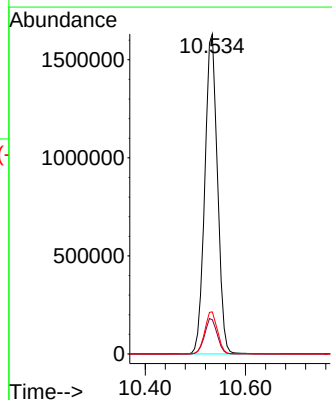
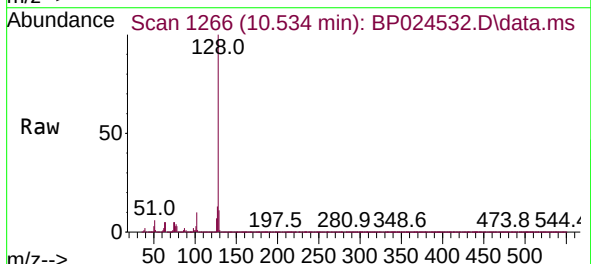
Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

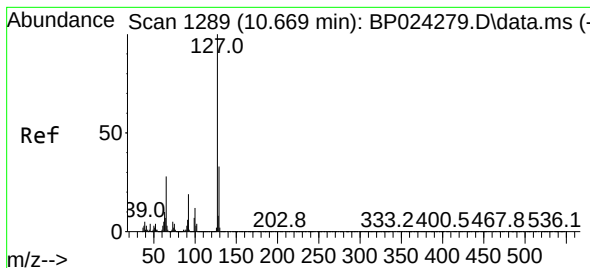
Tgt Ion: 82 Resp: 866182
Ion Ratio Lower Upper
82 100
128 45.7 36.5 54.7
54 46.4 33.4 50.2



#31
Naphthalene
Concen: 103.355 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion: 128 Resp: 2859524
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.1 10.3 15.5





#33

4-Chloroaniline

Concen: 38.889 ng

RT: 10.534 min Scan# 1539

Delta R.T. -0.129 min

Lab File: BP024532.D

Acq: 05 May 2025 19:28

Instrument :

BNA_P

ClientSampleId :

WC-A1-03-C

Tgt Ion:127 Resp: 378902

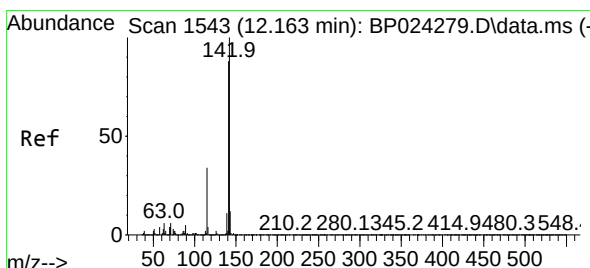
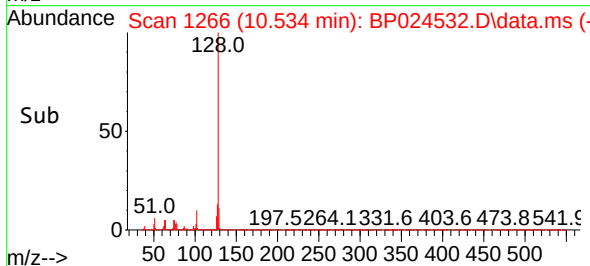
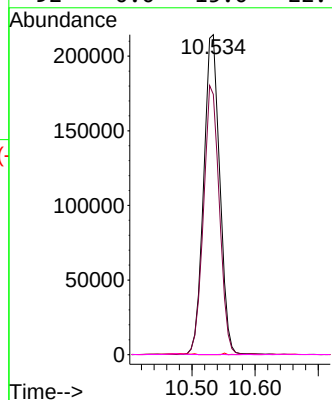
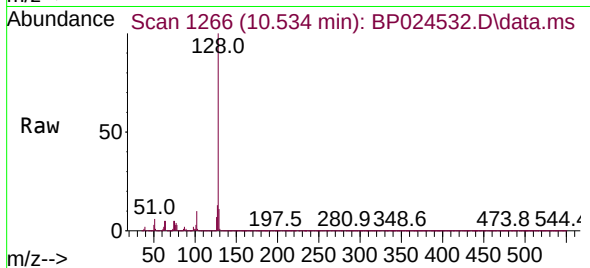
Ion Ratio Lower Upper

127 100

129 81.3 26.1 39.1#

65 0.0 22.1 33.1#

92 0.0 15.0 22.4#



#37

2-Methylnaphthalene

Concen: 30.261 ng

RT: 12.140 min Scan# 1539

Delta R.T. -0.018 min

Lab File: BP024532.D

Acq: 05 May 2025 19:28

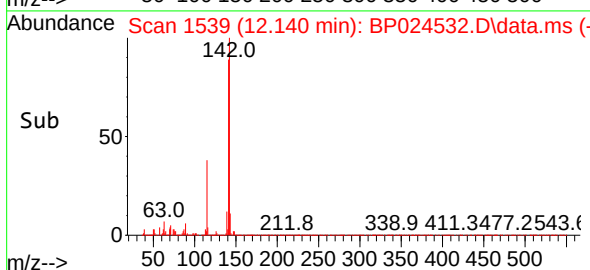
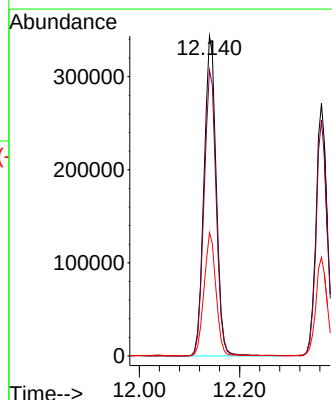
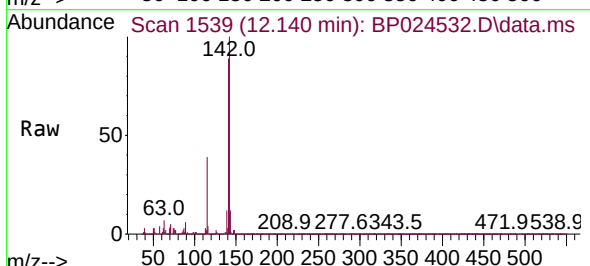
Tgt Ion:142 Resp: 580627

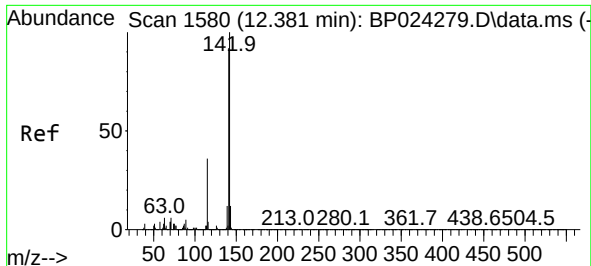
Ion Ratio Lower Upper

142 100

141 89.3 70.3 105.5

115 38.5 26.9 40.3

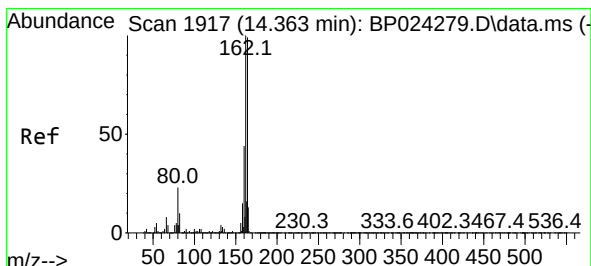
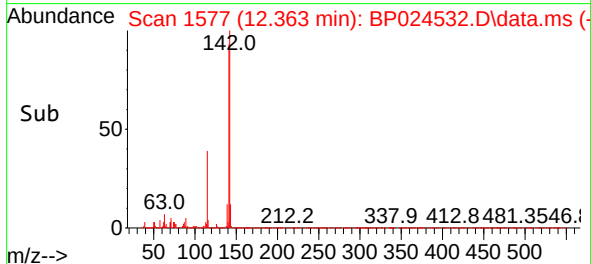
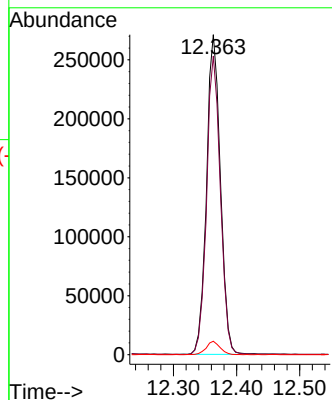
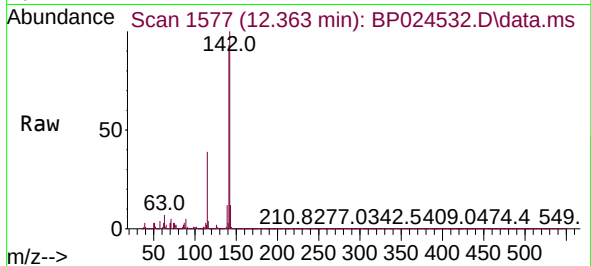




#38
1-Methylnaphthalene
Concen: 22.023 ng
RT: 12.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

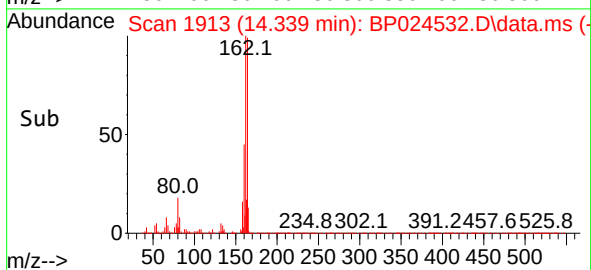
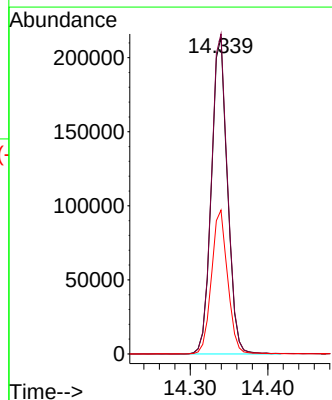
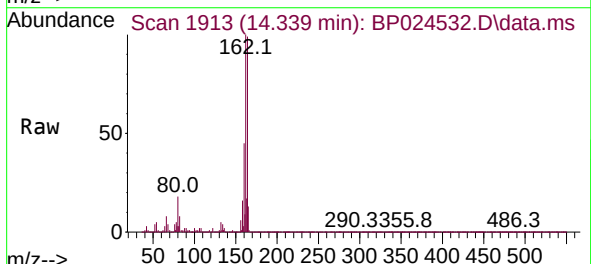
Instrument :
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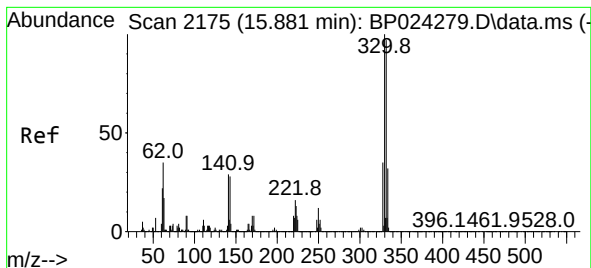
Tgt Ion:142 Resp: 413380
Ion Ratio Lower Upper
142 100
141 93.4 73.6 110.4
116 4.2 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:164 Resp: 306807
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 45.4 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 176.581 ng

RT: 15.851 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024532.D

Acq: 05 May 2025 19:28

Instrument :

BNA_P

ClientSampleId :

WC-A1-03-C

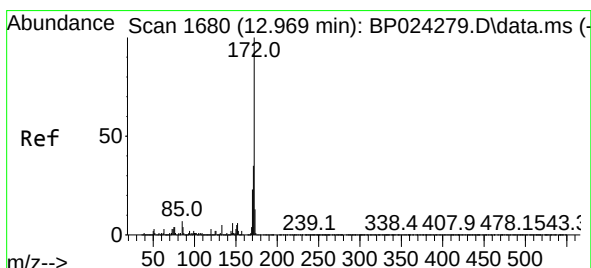
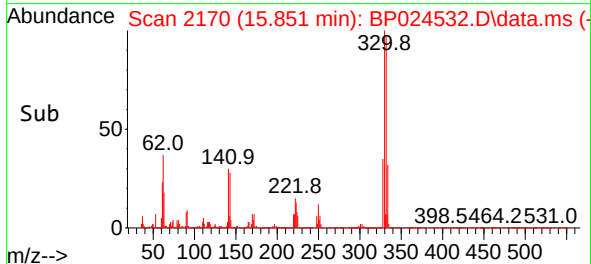
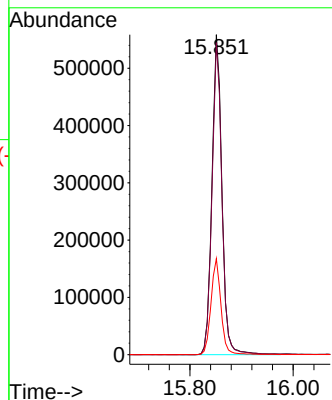
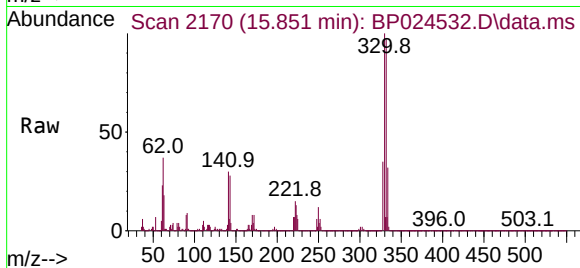
Tgt Ion:330 Resp: 749557

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 30.1 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 92.982 ng

RT: 12.945 min Scan# 1676

Delta R.T. -0.018 min

Lab File: BP024532.D

Acq: 05 May 2025 19:28

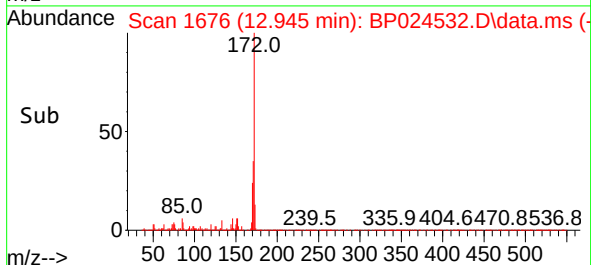
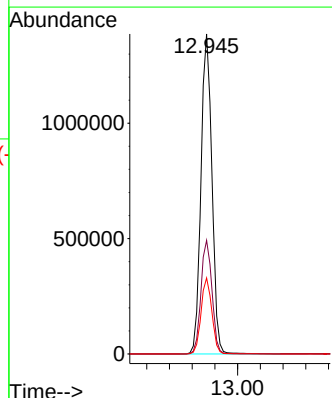
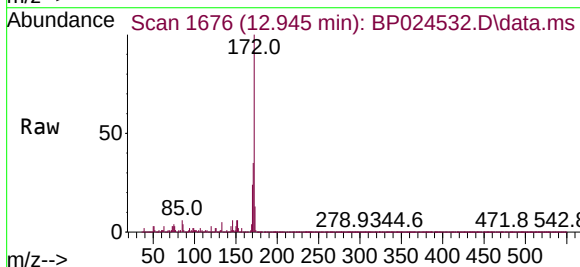
Tgt Ion:172 Resp: 1863196

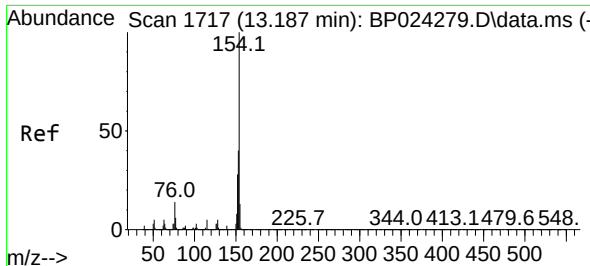
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.7 18.6 27.8

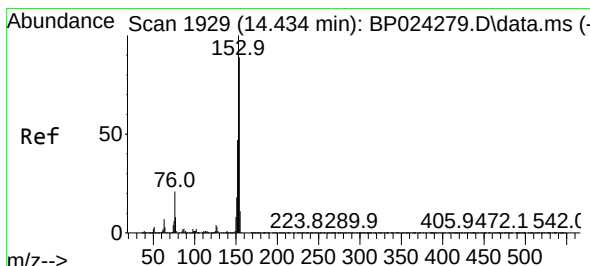
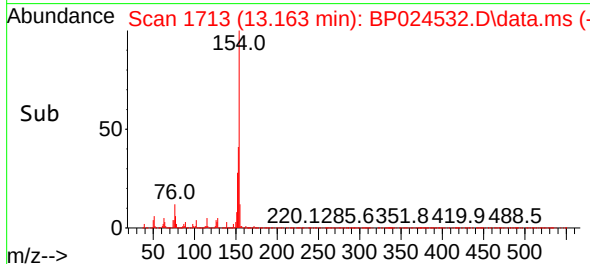
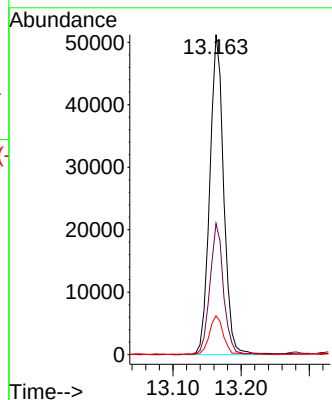
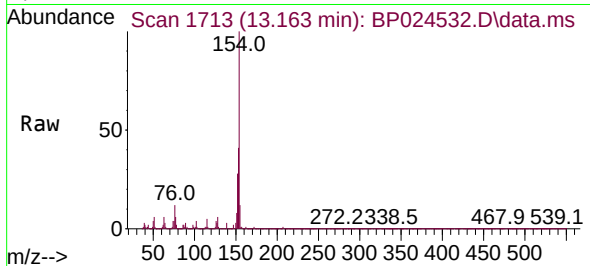




#46
1,1'-Biphenyl
Concen: 3.228 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

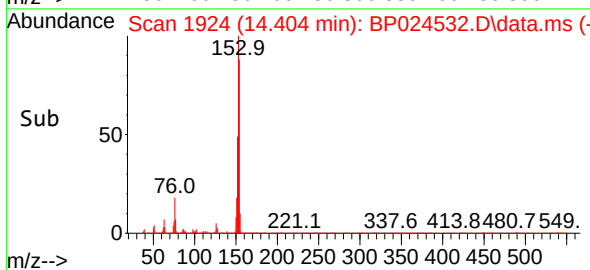
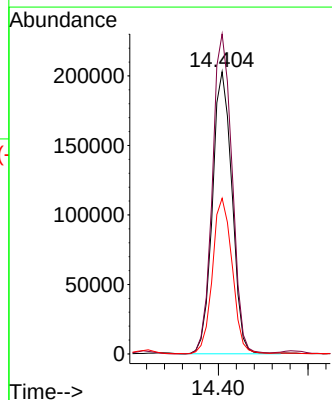
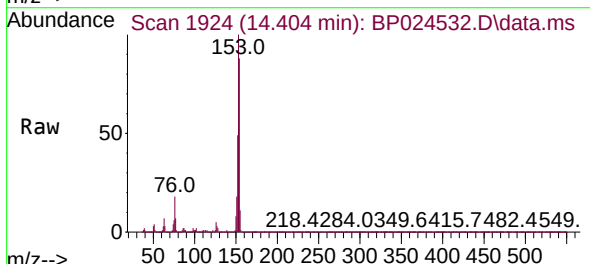
Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

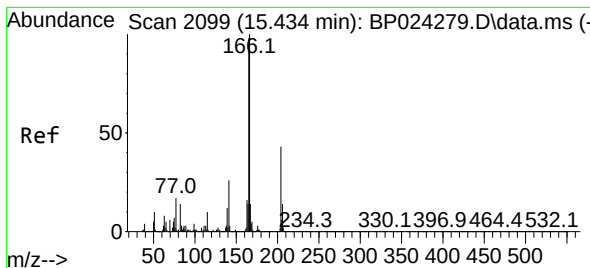
Tgt Ion:154 Resp: 72797
Ion Ratio Lower Upper
154 100
153 41.0 20.3 60.3
76 12.1 0.0 33.5



#52
Acenaphthene
Concen: 18.229 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.018 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:154 Resp: 306685
Ion Ratio Lower Upper
154 100
153 113.4 89.8 134.6
152 55.2 42.6 63.8





#58

Fluorene

Concen: 6.789 ng

RT: 15.404 min Scan# 2099

Delta R.T. -0.012 min

Lab File: BP024532.D

Acq: 05 May 2025 19:28

Instrument :

BNA_P

ClientSampleId :

WC-A1-03-C

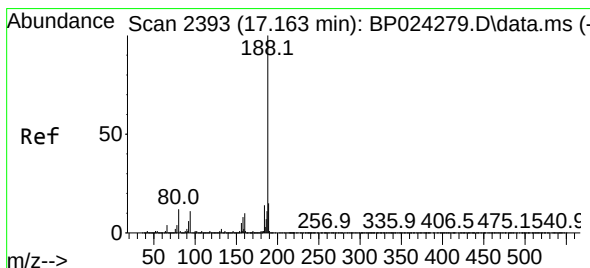
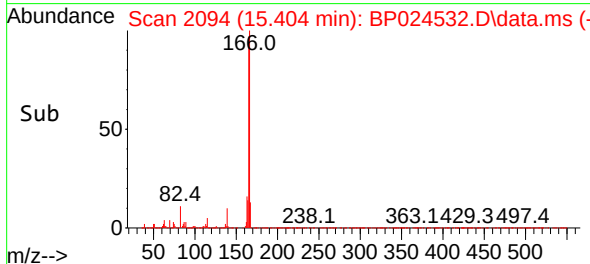
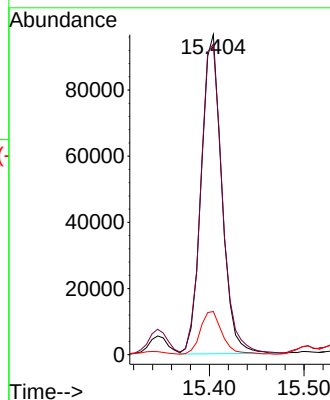
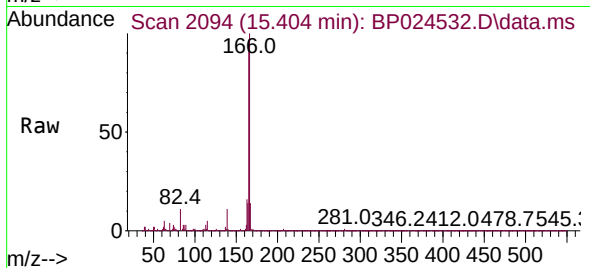
Tgt Ion:166 Resp: 144515

Ion Ratio Lower Upper

166 100

165 97.0 78.1 117.1

167 13.5 10.9 16.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.139 min Scan# 2389

Delta R.T. -0.006 min

Lab File: BP024532.D

Acq: 05 May 2025 19:28

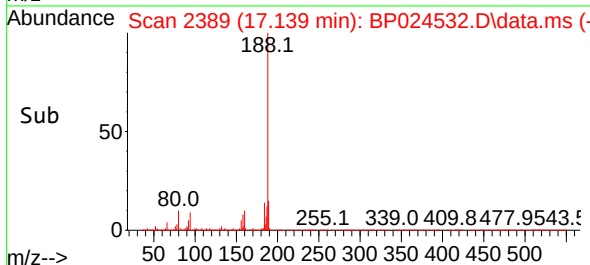
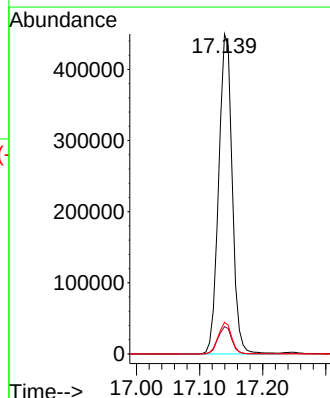
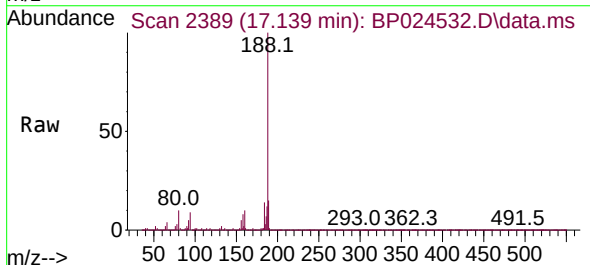
Tgt Ion:188 Resp: 669885

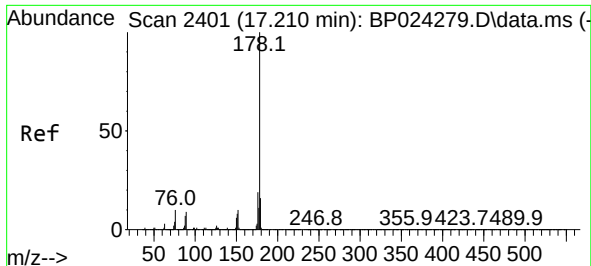
Ion Ratio Lower Upper

188 100

94 8.6 8.6 13.0#

80 9.9 9.8 14.6

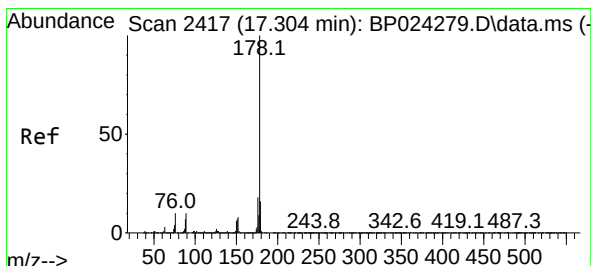
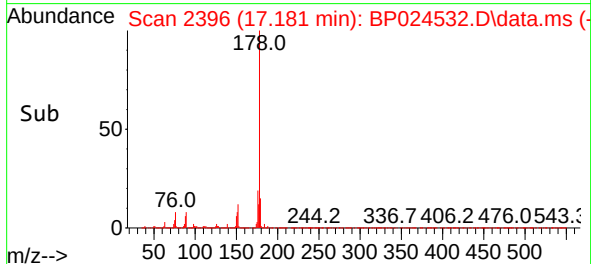
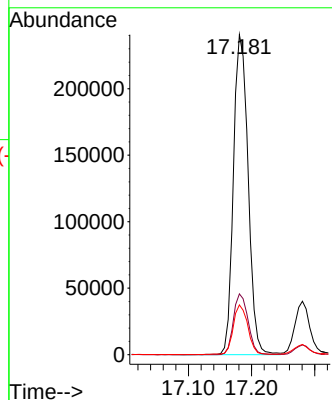
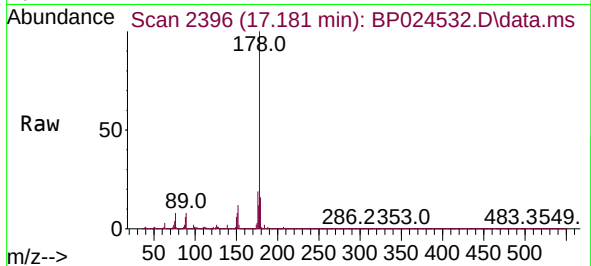




#71
Phenanthrene
Concen: 10.633 ng
RT: 17.181 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

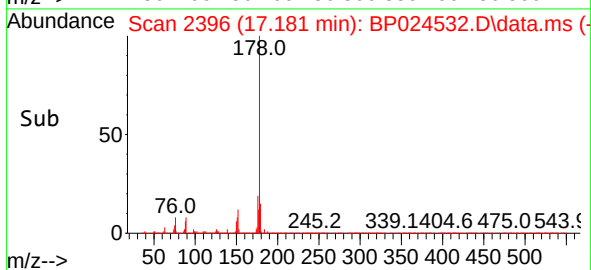
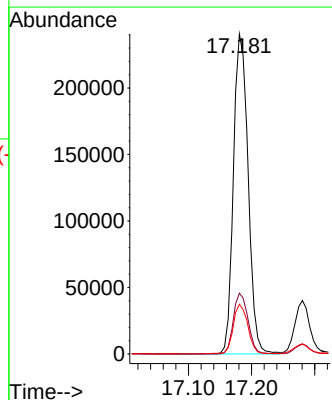
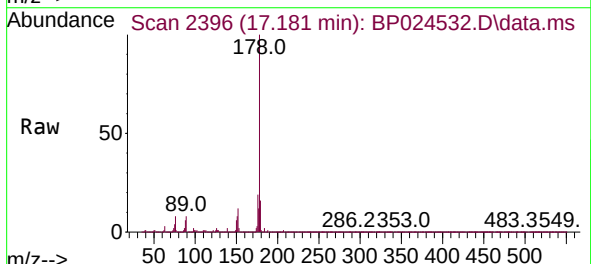
Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

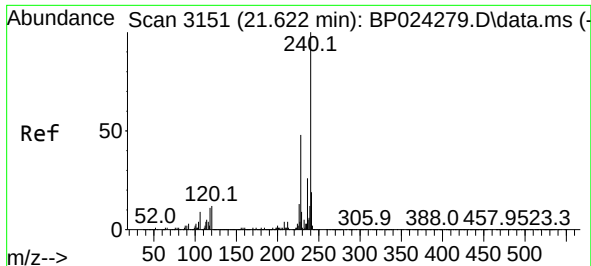
Tgt Ion:178 Resp: 388582
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.5 12.5 18.7



#72
Anthracene
Concen: 11.033 ng
RT: 17.181 min Scan# 2396
Delta R.T. -0.106 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:178 Resp: 388582
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.5 12.4 18.6

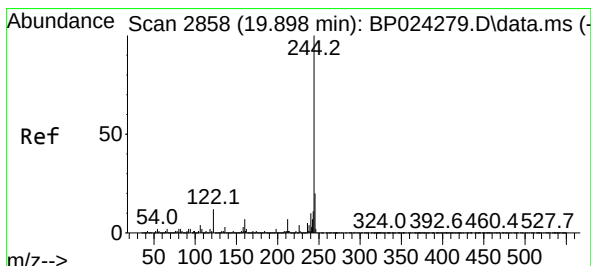
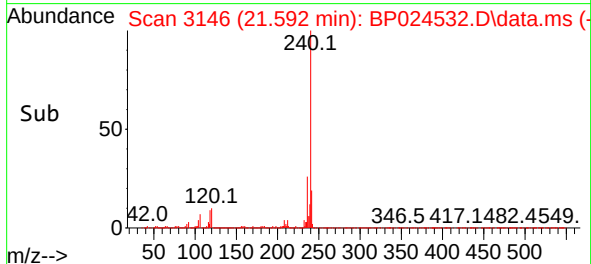
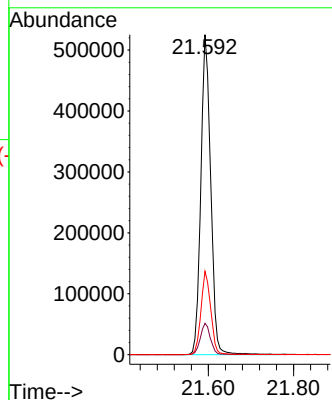
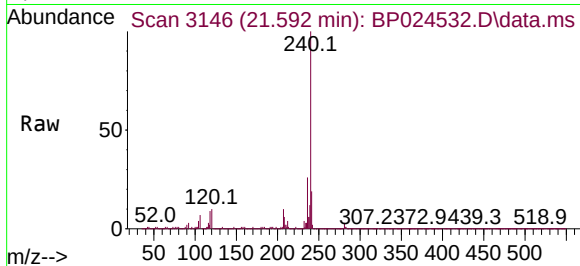




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

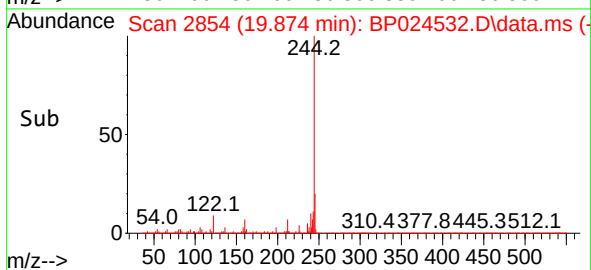
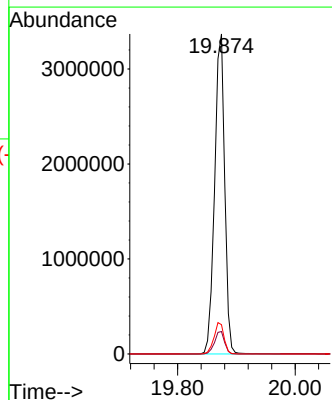
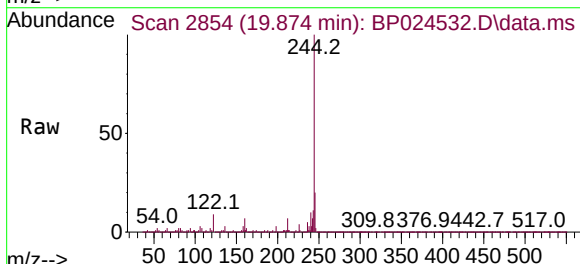
Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

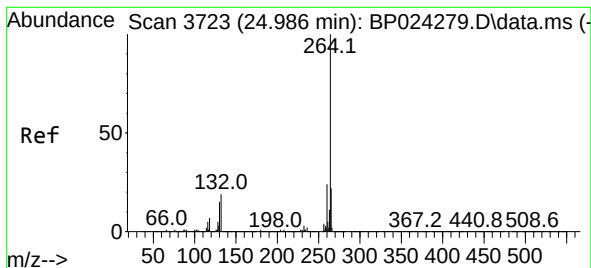
Tgt Ion:240 Resp: 845035
Ion Ratio Lower Upper
240 100
120 9.8 9.8 14.8#
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 95.244 ng
RT: 19.874 min Scan# 2854
Delta R.T. 0.000 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:244 Resp: 3993007
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 9.1 9.4 14.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.921 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024532.D

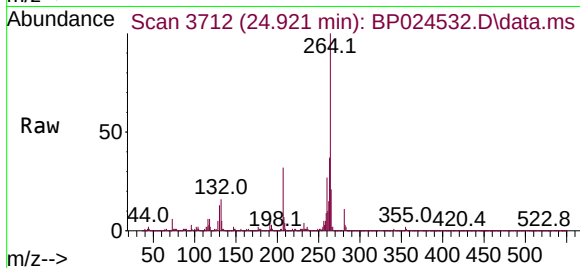
Acq: 05 May 2025 19:28

Instrument :

BNA_P

ClientSampleId :

WC-A1-03-C



Tgt Ion:264 Resp: 480285

Ion Ratio Lower Upper

264 100

260 26.6 18.9 28.3

265 21.4 17.8 26.6

