

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024774.D
 Acq On : 23 May 2025 01:52
 Operator : RC/JU
 Sample : Q2078-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-A1-06A-C

Quant Time: May 23 03:30:13 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)

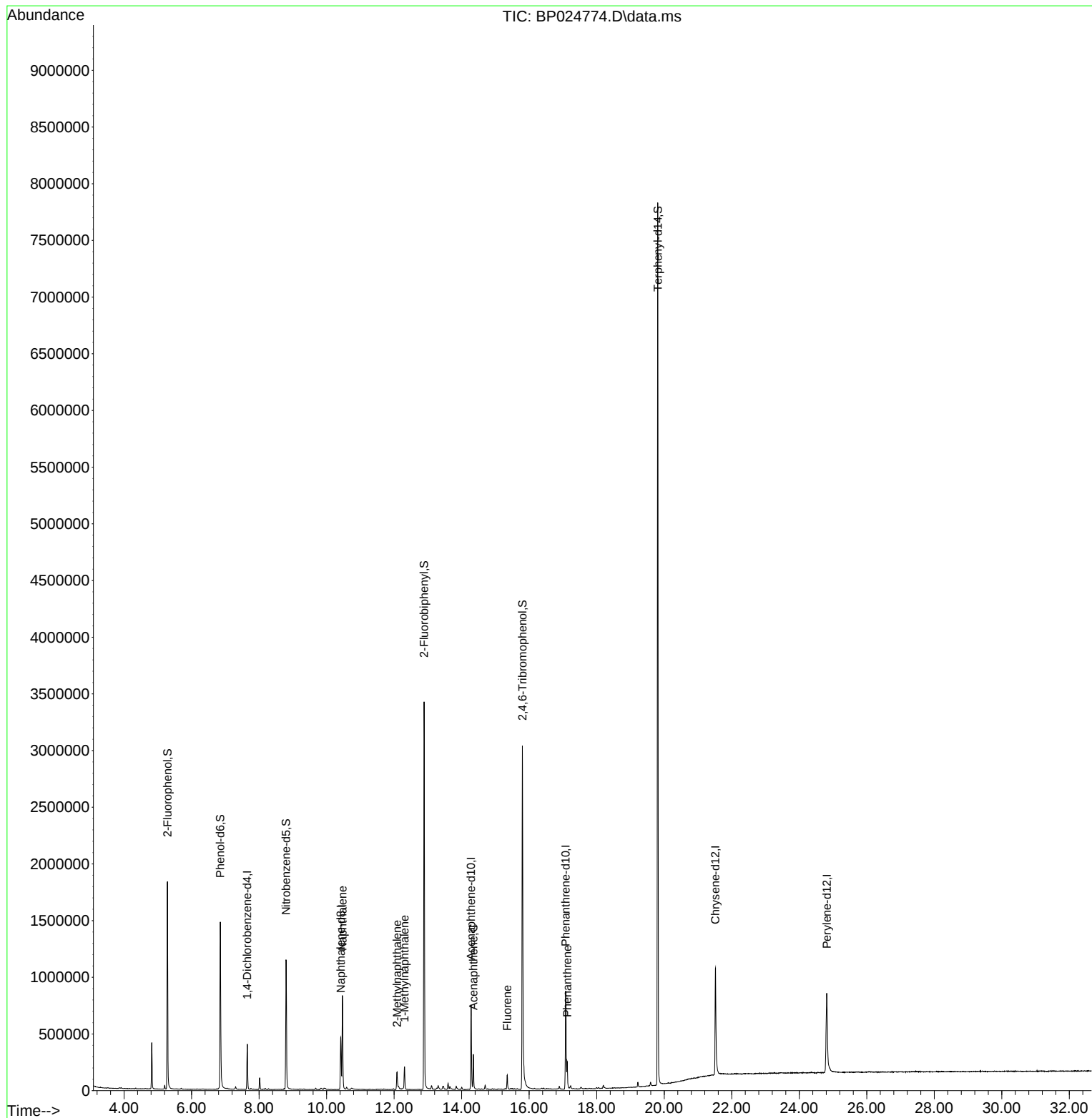
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	107180	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	420731	20.000	ng	#-0.01
39) Acenaphthene-d10	14.281	164	283461	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	602594	20.000	ng	-0.02
76) Chrysene-d12	21.516	240	725082	20.000	ng	0.00
86) Perylene-d12	24.816	264	853005	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	841198	134.238	ng	0.00
7) Phenol-d6	6.852	99	922461	115.340	ng	0.00
23) Nitrobenzene-d5	8.799	82	654037	78.545	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	907464	188.839	ng	0.00
45) 2-Fluorobiphenyl	12.887	172	1823663	84.288	ng	-0.02
79) Terphenyl-d14	19.810	244	4248032	100.459	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.469	128	707716	32.460	ng	100
37) 2-Methylnaphthalene	12.087	142	93091	6.594	ng	99
38) 1-Methylnaphthalene	12.310	142	95811	6.343	ng	97
52) Acenaphthene	14.345	154	103562	6.739	ng	98
58) Fluorene	15.351	166	61397	3.072	ng	99
71) Phenanthrene	17.128	178	147652	4.408	ng	99

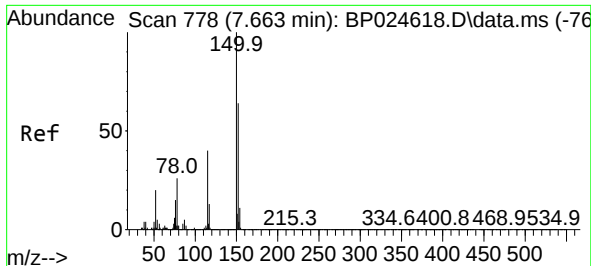
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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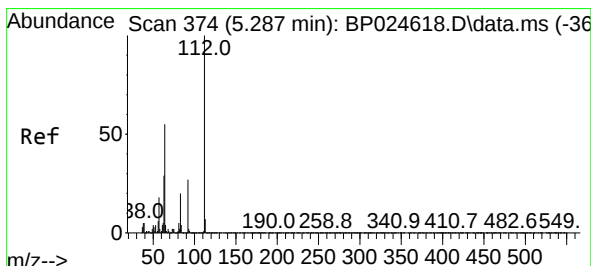
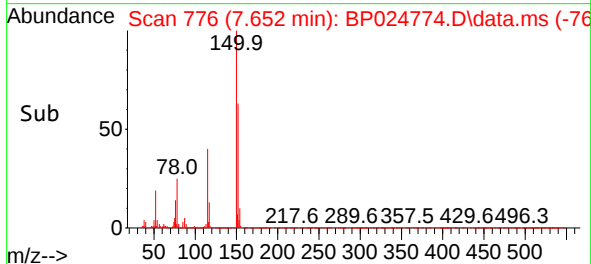
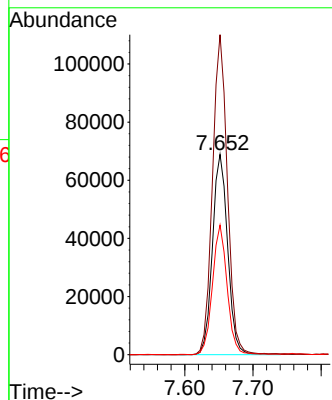
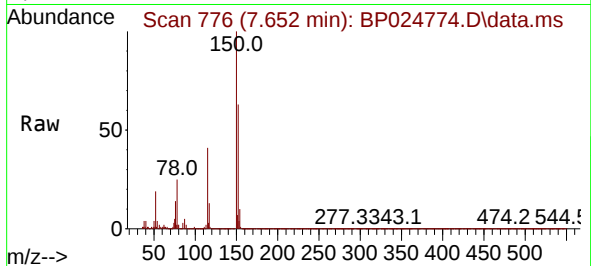




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.011 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

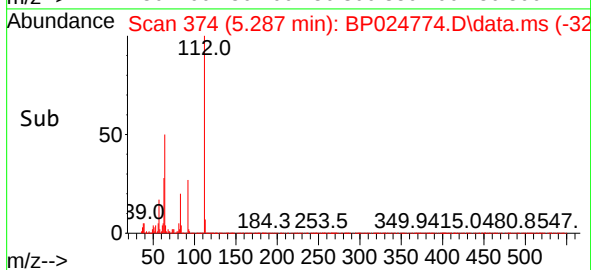
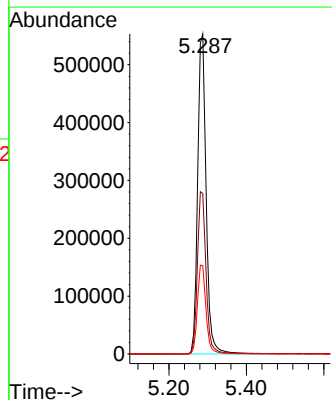
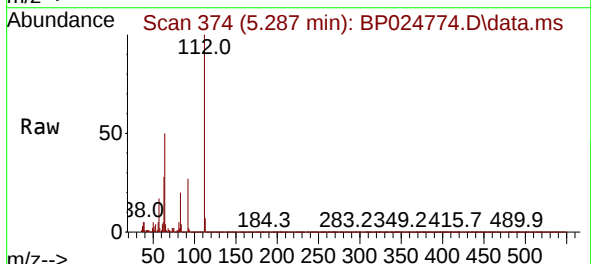
Instrument :
BNA_P
ClientSampleId :
WC-A1-06A-C

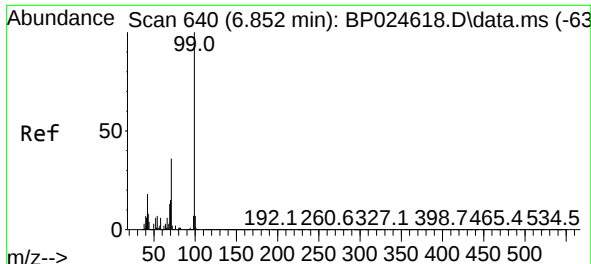
Tgt Ion:152 Resp: 107180
Ion Ratio Lower Upper
152 100
150 159.8 125.9 188.9
115 64.7 50.1 75.1



#5
2-Fluorophenol
Concen: 134.238 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

Tgt Ion:112 Resp: 841198
Ion Ratio Lower Upper
112 100
64 50.1 44.1 66.1
63 27.6 23.5 35.3

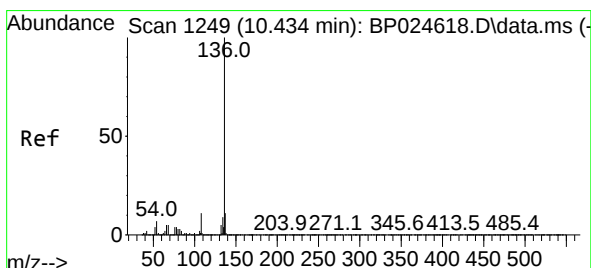
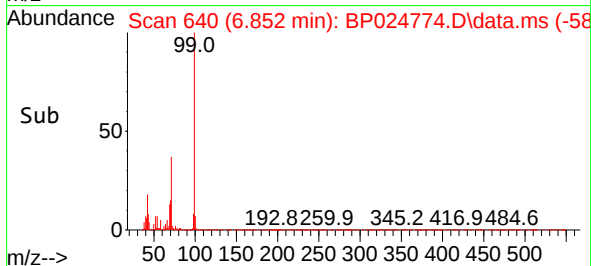
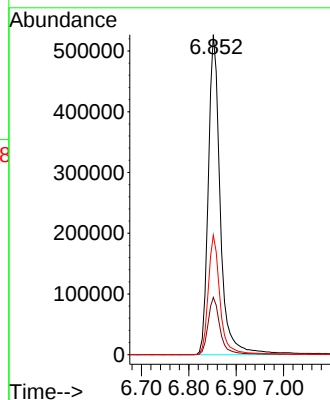
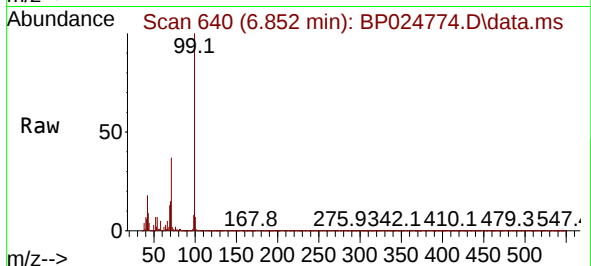




#7
Phenol-d6
Concen: 115.340 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

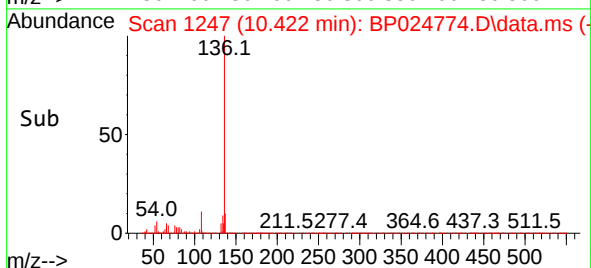
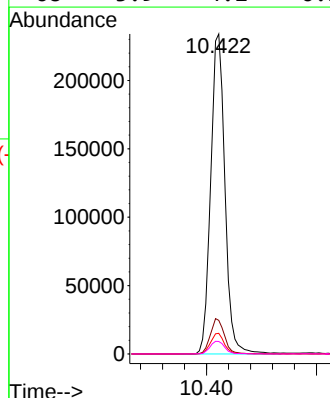
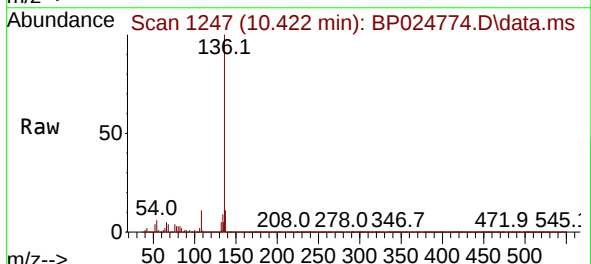
Instrument :
BNA_P
ClientSampleId :
WC-A1-06A-C

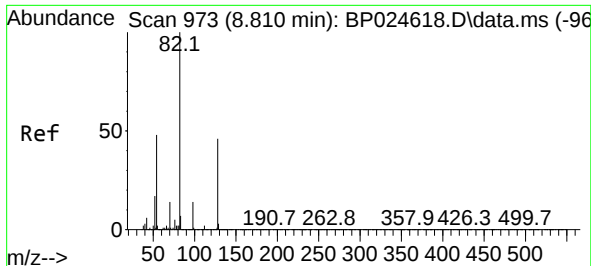
Tgt Ion: 99 Resp: 922461
Ion Ratio Lower Upper
99 100
42 17.9 14.4 21.6
71 37.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

Tgt Ion: 136 Resp: 420731
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.5 5.5 8.3
68 3.9 4.2 6.2

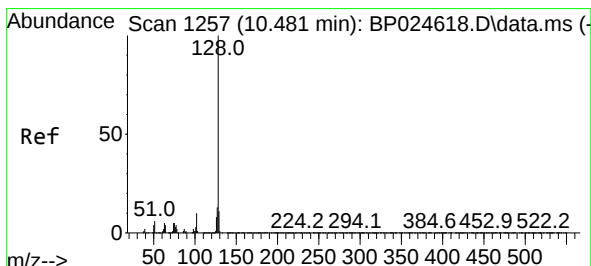
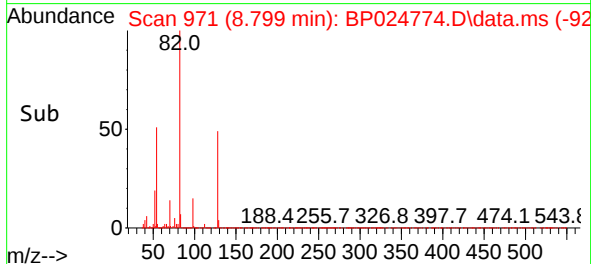
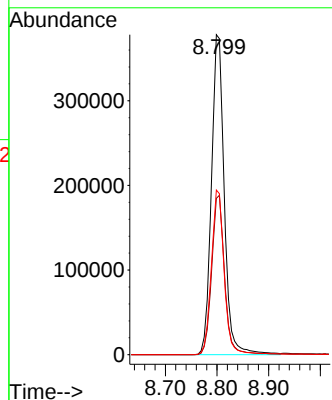
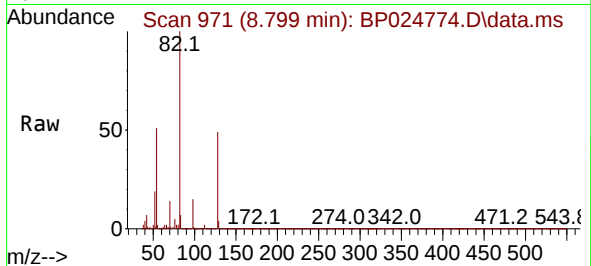




#23
Nitrobenzene-d5
Concen: 78.545 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

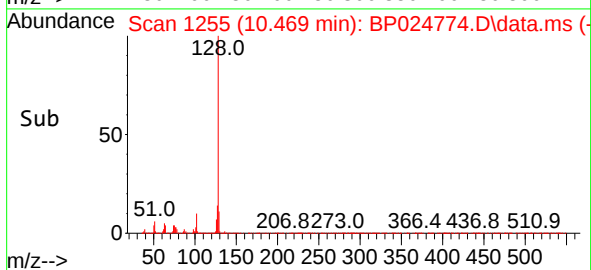
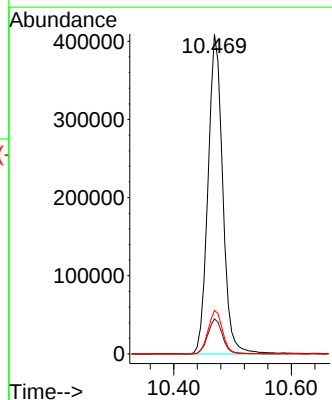
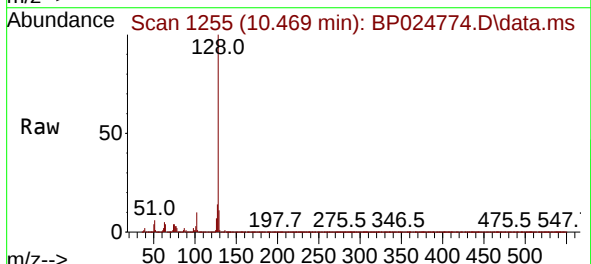
Instrument :
BNA_P
ClientSampleId :
WC-A1-06A-C

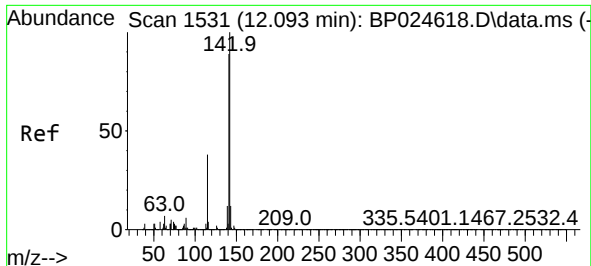
Tgt Ion: 82 Resp: 654037
Ion Ratio Lower Upper
82 100
128 48.8 37.0 55.4
54 51.5 38.7 58.1



#31
Naphthalene
Concen: 32.460 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

Tgt Ion:128 Resp: 707716
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.6 10.7 16.1

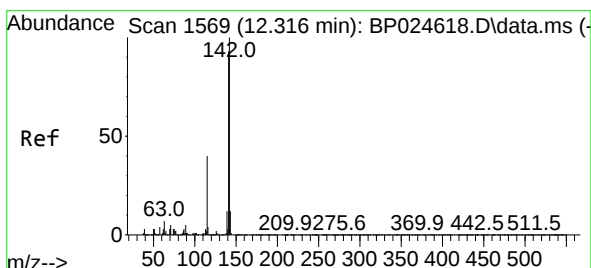
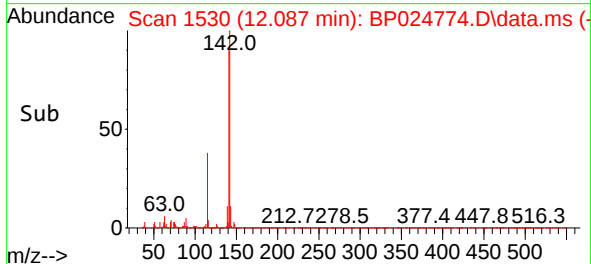
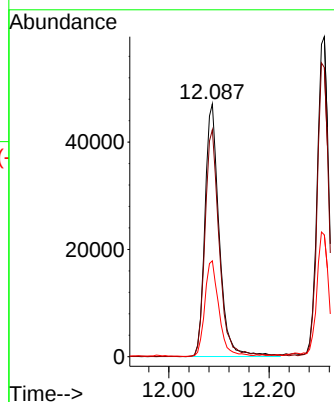
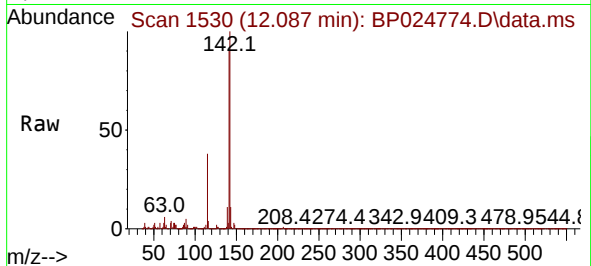




#37
2-Methylnaphthalene
Concen: 6.594 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

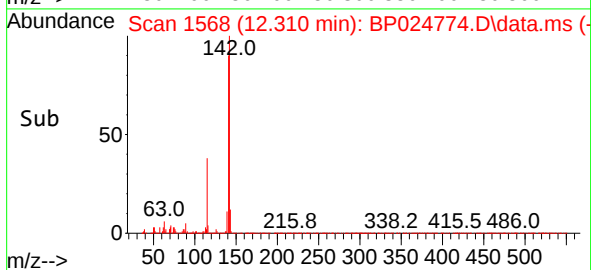
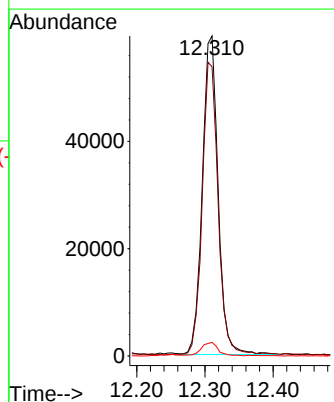
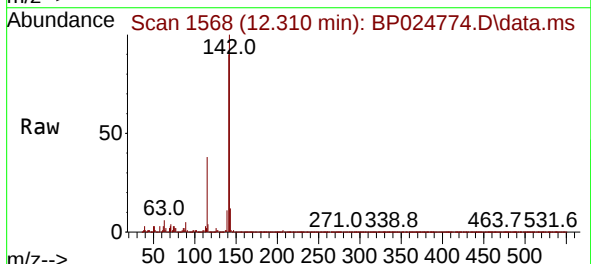
Instrument :
BNA_P
ClientSampleId :
WC-A1-06A-C

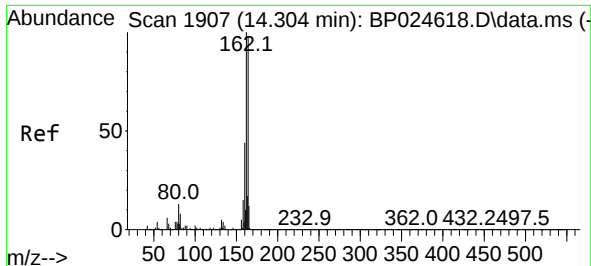
Tgt Ion:142 Resp: 93091
Ion Ratio Lower Upper
142 100
141 89.7 71.2 106.8
115 37.9 30.6 46.0



#38
1-Methylnaphthalene
Concen: 6.343 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

Tgt Ion:142 Resp: 95811
Ion Ratio Lower Upper
142 100
141 90.3 74.7 112.1
116 4.3 3.4 5.2

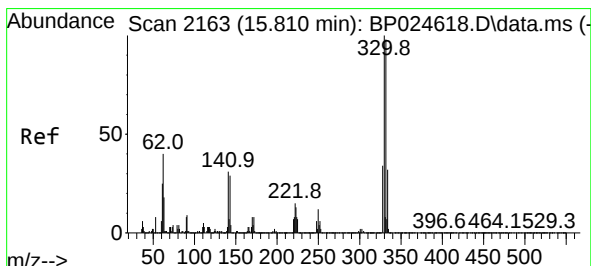
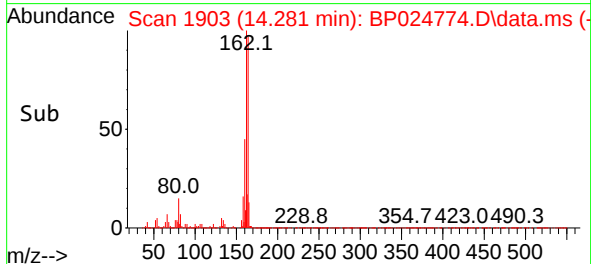
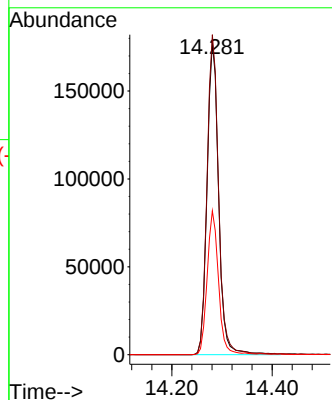
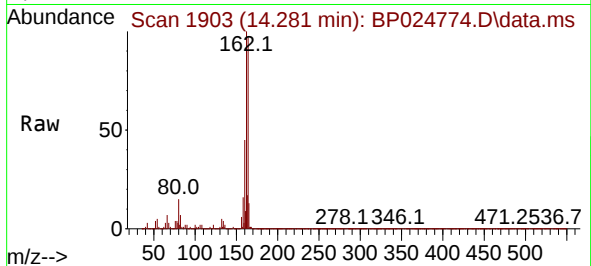




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

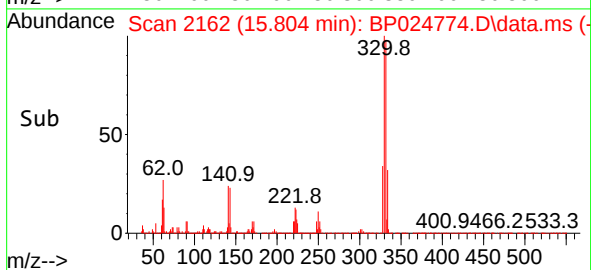
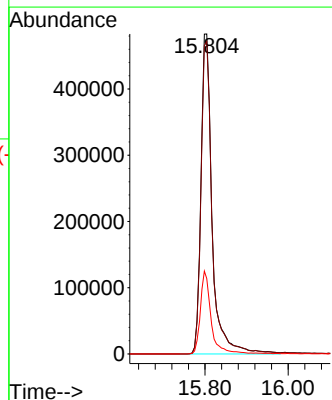
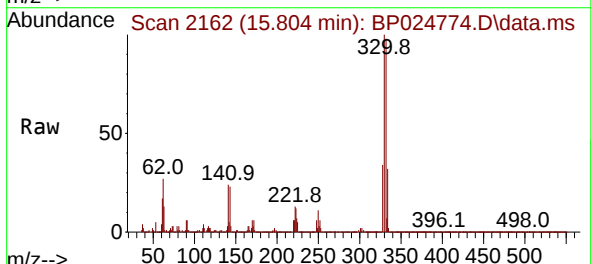
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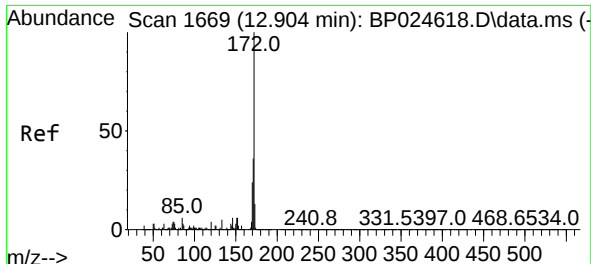
Tgt Ion:164 Resp: 283461
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 46.1 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 188.839 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

Tgt Ion:330 Resp: 907464
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.4
141 25.0 24.3 36.5

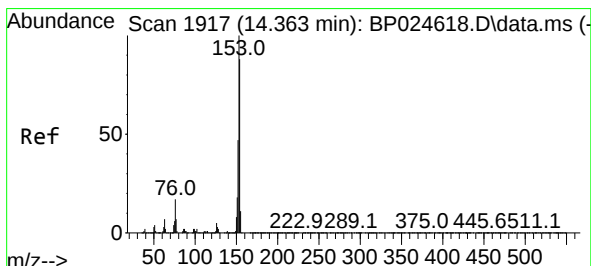
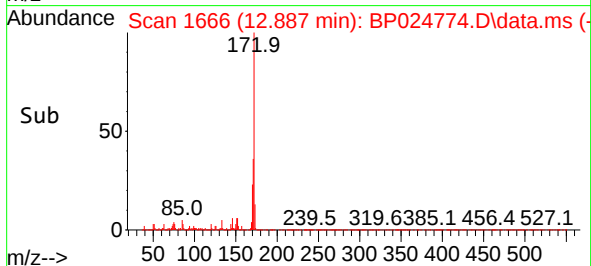
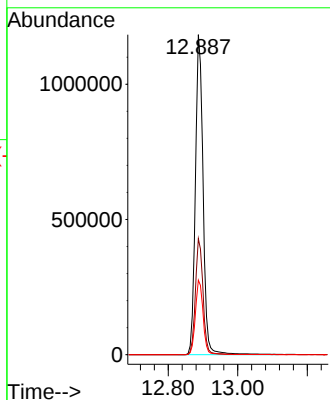
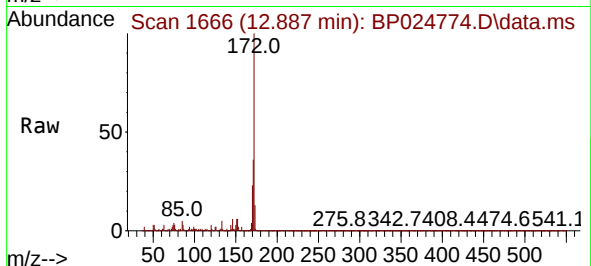




#45
2-Fluorobiphenyl
Concen: 84.288 ng
RT: 12.887 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

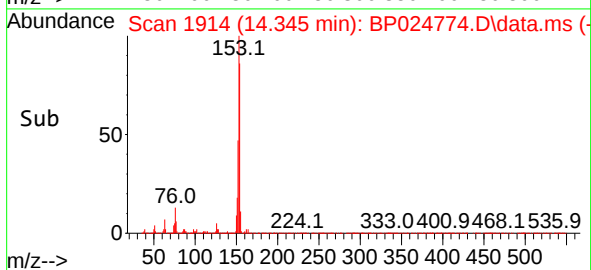
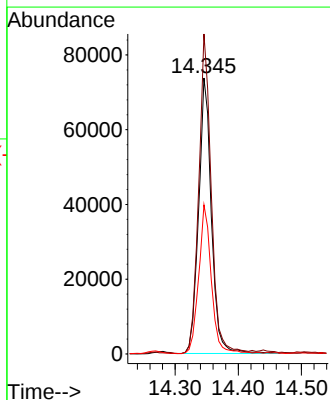
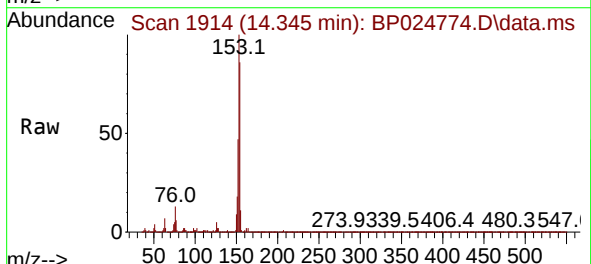
Instrument :
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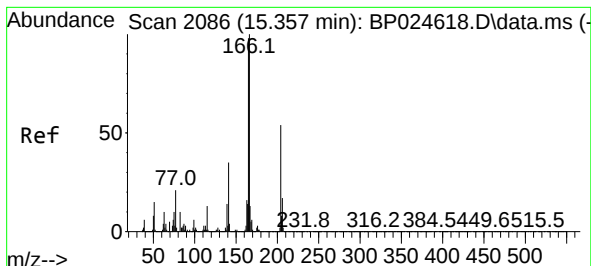
Tgt Ion:172 Resp: 1823663
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.3 18.8 28.2



#52
Acenaphthene
Concen: 6.739 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

Tgt Ion:154 Resp: 103562
Ion Ratio Lower Upper
154 100
153 115.9 91.0 136.4
152 54.0 42.9 64.3





#58

Fluorene

Concen: 3.072 ng

RT: 15.351 min Scan# 2086

Delta R.T. -0.006 min

Lab File: BP024774.D

Acq: 23 May 2025 01:52

Instrument :

BNA_P

ClientSampleId :

WC-A1-06A-C

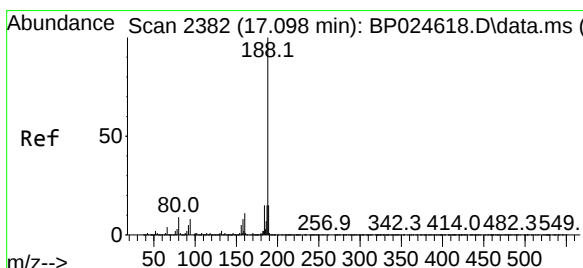
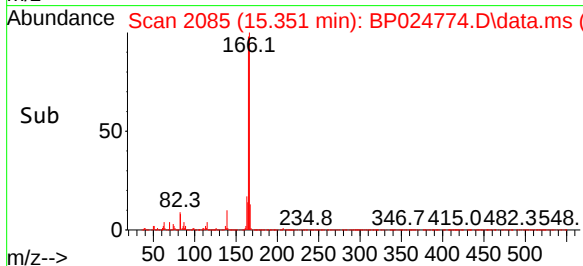
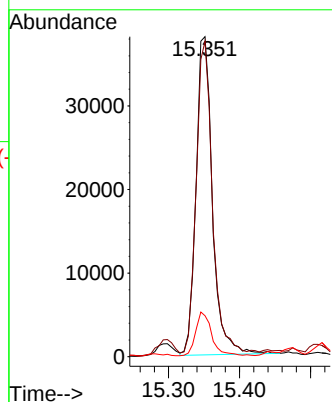
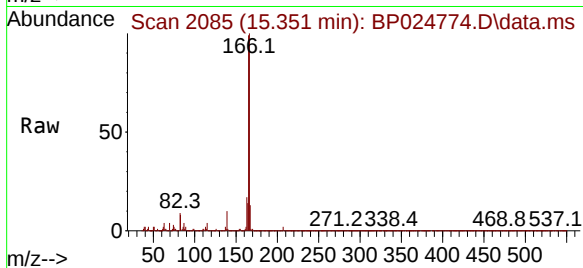
Tgt Ion:166 Resp: 61397

Ion Ratio Lower Upper

166 100

165 98.5 78.5 117.7

167 12.8 10.7 16.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.081 min Scan# 2379

Delta R.T. -0.018 min

Lab File: BP024774.D

Acq: 23 May 2025 01:52

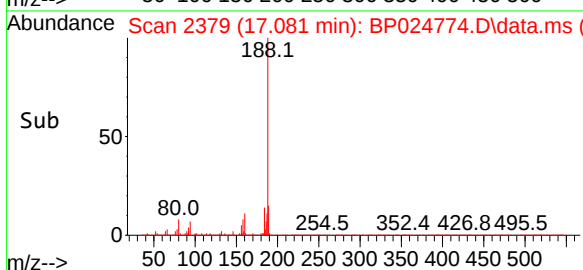
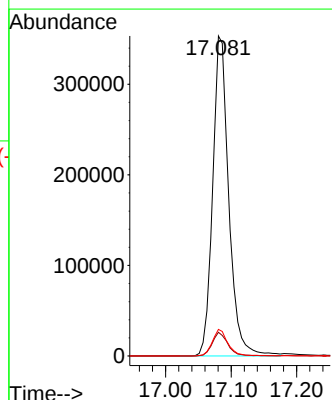
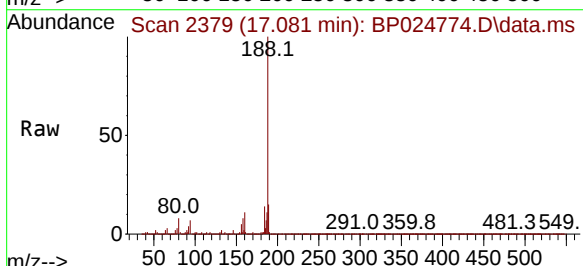
Tgt Ion:188 Resp: 602594

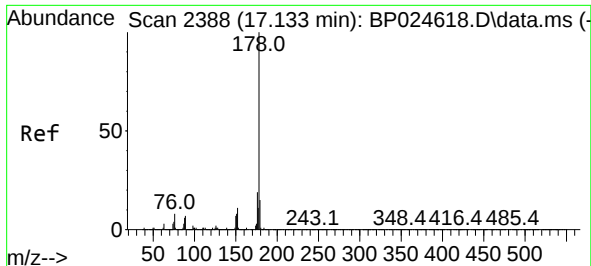
Ion Ratio Lower Upper

188 100

94 7.4 6.5 9.7

80 8.3 7.3 10.9

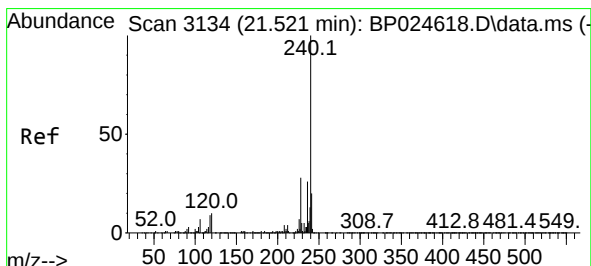
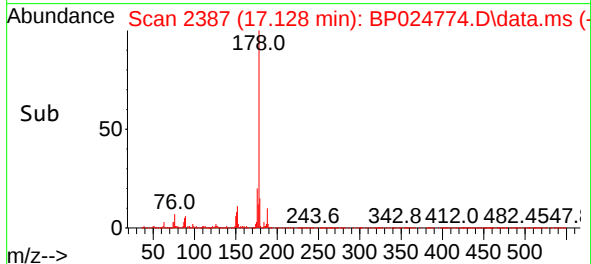
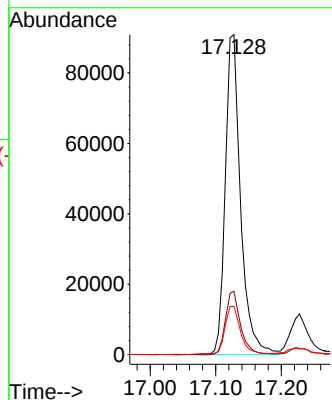
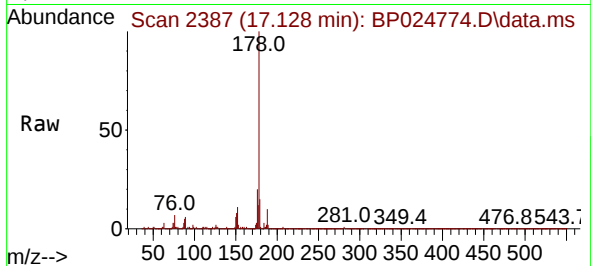




#71
Phenanthrene
Concen: 4.408 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

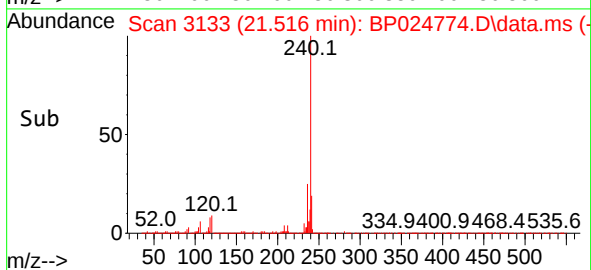
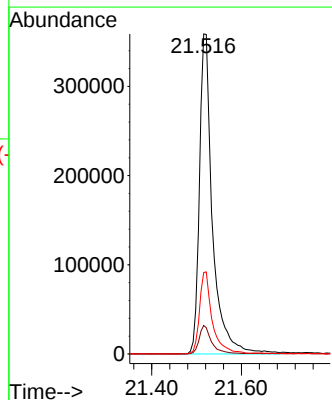
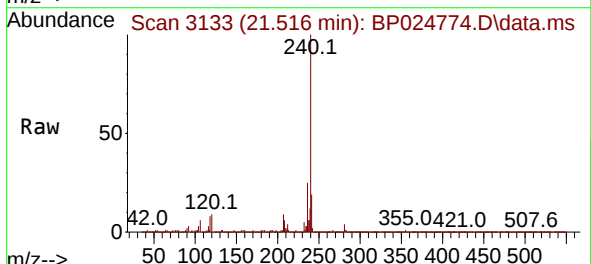
Instrument :
BNA_P
ClientSampleId :
WC-A1-06A-C

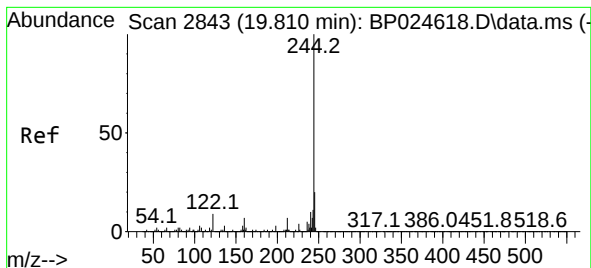
Tgt Ion:178 Resp: 147652
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.0 12.2 18.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

Tgt Ion:240 Resp: 725082
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 25.4 20.6 31.0





#79

Terphenyl-d14

Concen: 100.459 ng

RT: 19.810 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024774.D

Acq: 23 May 2025 01:52

Instrument :

BNA_P

ClientSampleId :

WC-A1-06A-C

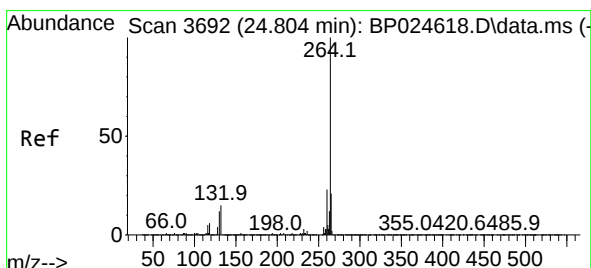
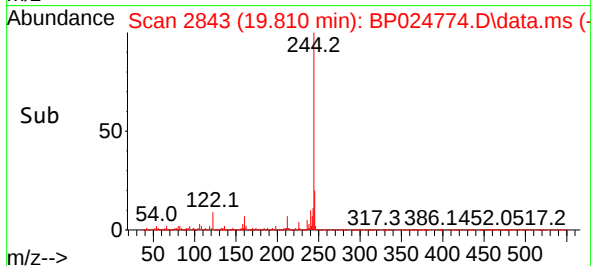
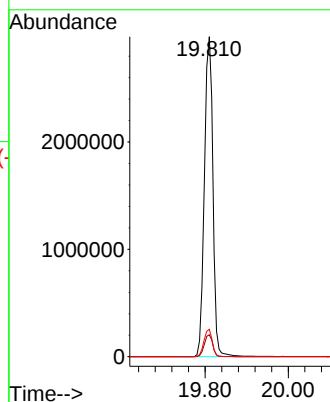
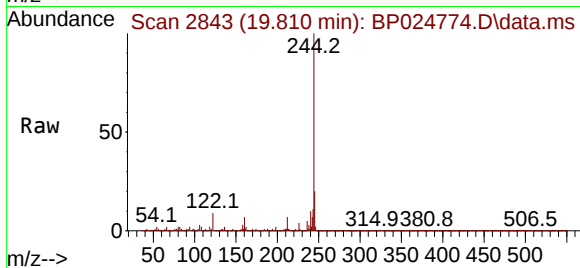
Tgt Ion:244 Resp: 4248032

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 8.5 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.816 min Scan# 3694

Delta R.T. 0.012 min

Lab File: BP024774.D

Acq: 23 May 2025 01:52

Tgt Ion:264 Resp: 853005

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.7 17.0 25.6

