

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024656.D
 Acq On : 16 May 2025 14:14
 Operator : RC/JU
 Sample : Q2006-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EFF-WW

Quant Time: May 16 14:40:02 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)

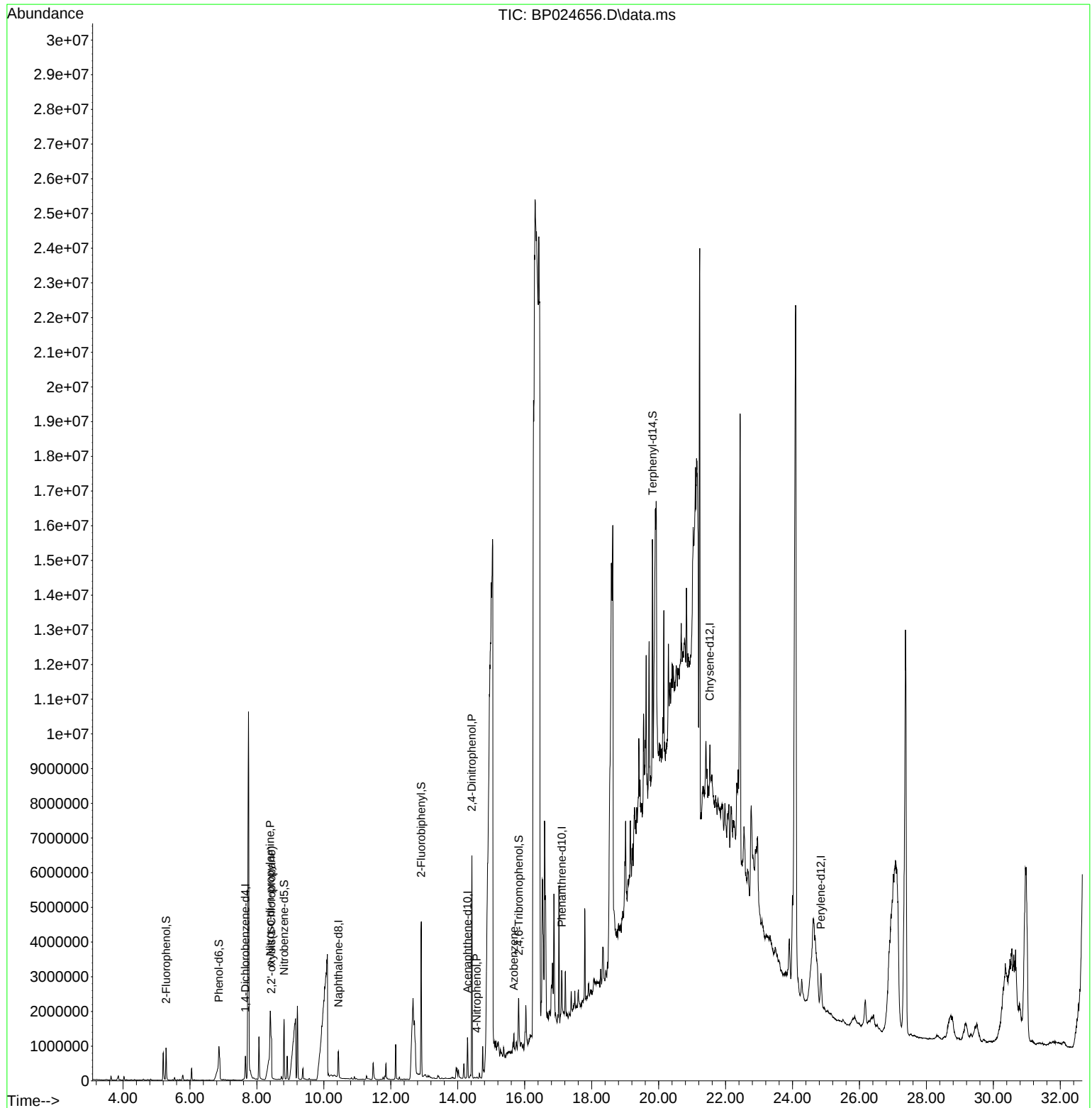
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	156813	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	629608	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	401544	20.000	ng	-0.01
64) Phenanthrene-d10	17.110	188	750342	20.000	ng	0.01
76) Chrysene-d12	21.533	240	878767	20.000	ng	0.01
86) Perylene-d12	24.851	264	1055536	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	415301	45.297	ng	0.00
7) Phenol-d6	6.863	99	328443	28.069	ng	0.01
23) Nitrobenzene-d5	8.810	82	936029	75.117	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	480204	70.542	ng	0.01
45) 2-Fluorobiphenyl	12.910	172	2236385	72.967	ng	0.00
79) Terphenyl-d14	19.816	244	3855927	75.239	ng	0.00
Target Compounds						Qvalue
16) 2,2'-oxybis(1-Chloropr...	8.434	45	248987	20.950	ng	69
19) n-Nitroso-di-n-propyla...	8.399	70	354235	43.764	ng	# 63
54) 2,4-Dinitrophenol	14.422	184	22297	11.434	ng	# 24
56) 4-Nitrophenol	14.569	139	540	4.324	ng	92
63) Azobenzene	15.675	77	139400	5.268	ng	# 1

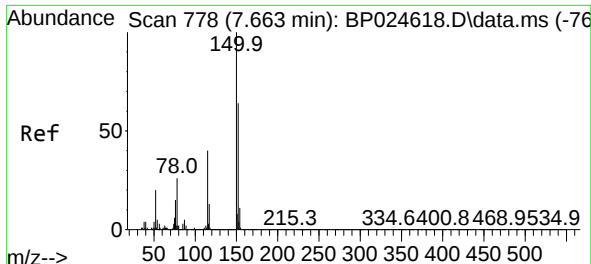
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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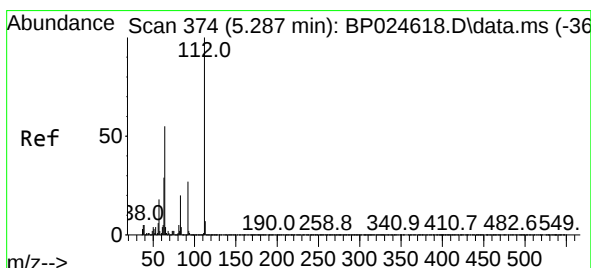
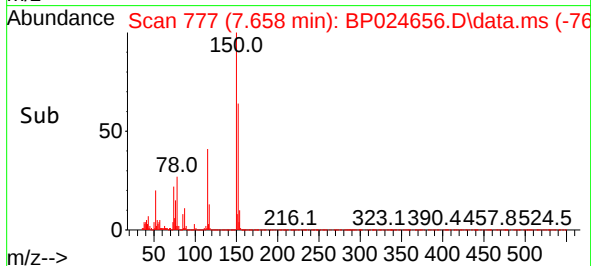
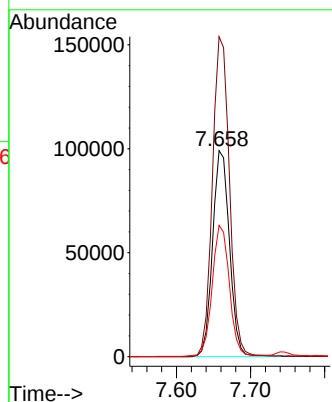
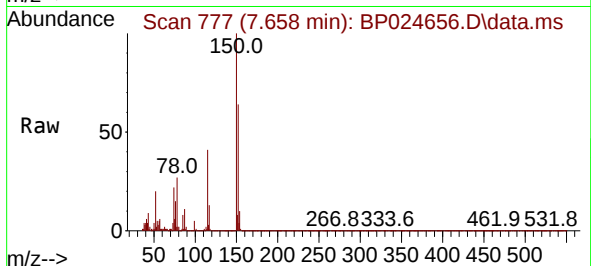




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 778
Delta R.T. -0.005 min
Lab File: BP024656.D
Acq: 16 May 2025 14:14

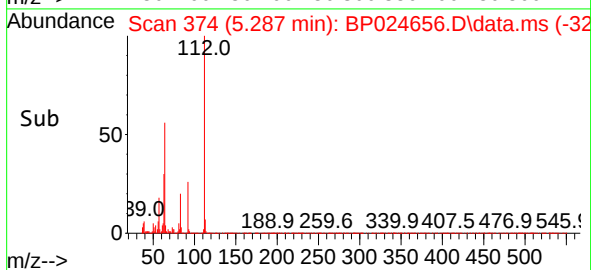
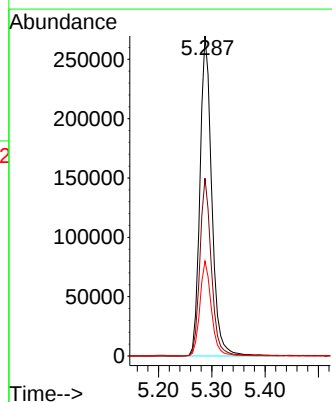
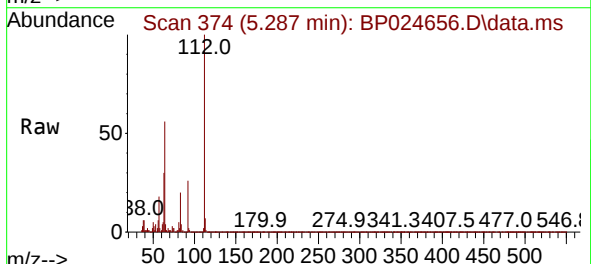
Instrument :
BNA_P
ClientSampleId :
EFF-WW

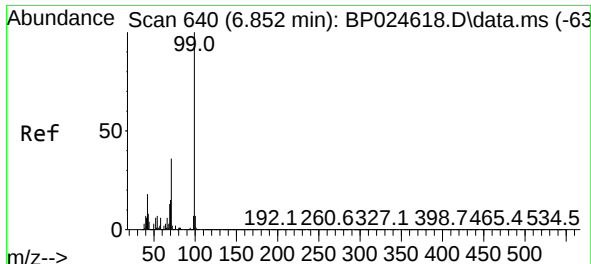
Tgt Ion:152 Resp: 156813
Ion Ratio Lower Upper
152 100
150 155.3 125.9 188.9
115 63.8 50.1 75.1



#5
2-Fluorophenol
Concen: 45.297 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024656.D
Acq: 16 May 2025 14:14

Tgt Ion:112 Resp: 415301
Ion Ratio Lower Upper
112 100
64 55.6 44.1 66.1
63 29.7 23.5 35.3





#7

Phenol-d6

Concen: 28.069 ng

RT: 6.863 min Scan# 64

Delta R.T. 0.012 min

Lab File: BP024656.D

Acq: 16 May 2025 14:14

Instrument :

BNA_P

ClientSampleId :

EFF-WW

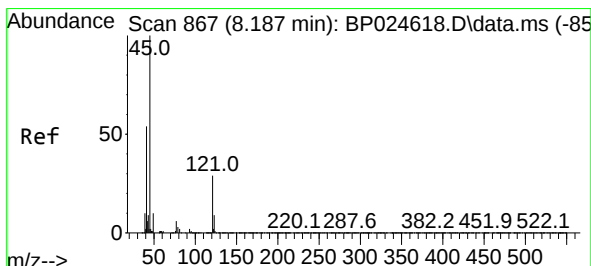
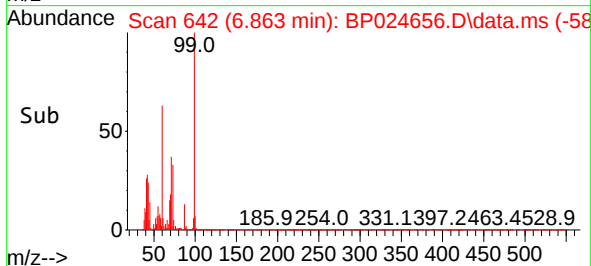
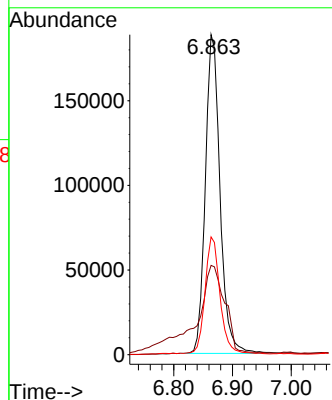
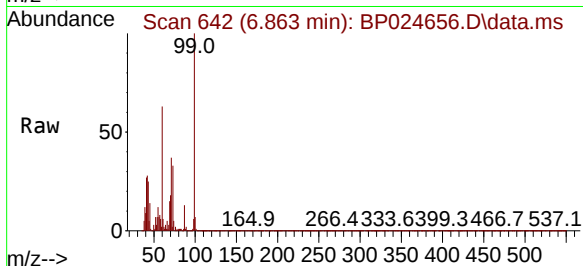
Tgt Ion: 99 Resp: 328443

Ion Ratio Lower Upper

99 100

42 27.9 14.4 21.6#

71 36.8 29.2 43.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.950 ng

RT: 8.434 min Scan# 909

Delta R.T. 0.247 min

Lab File: BP024656.D

Acq: 16 May 2025 14:14

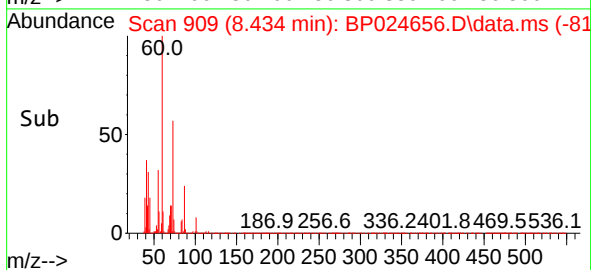
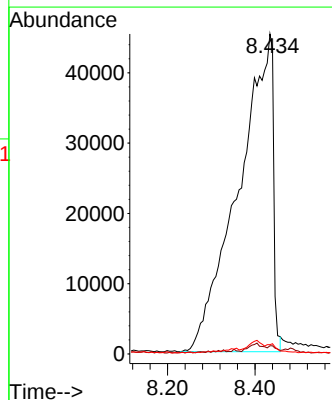
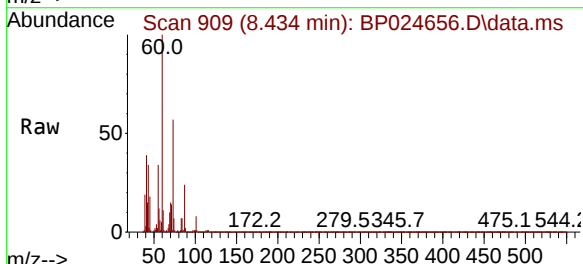
Tgt Ion: 45 Resp: 248987

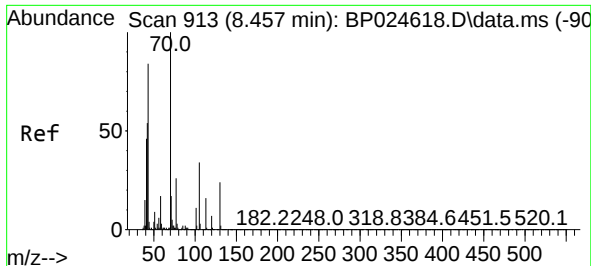
Ion Ratio Lower Upper

45 100

77 2.6 0.0 37.7

79 2.9 0.0 34.0

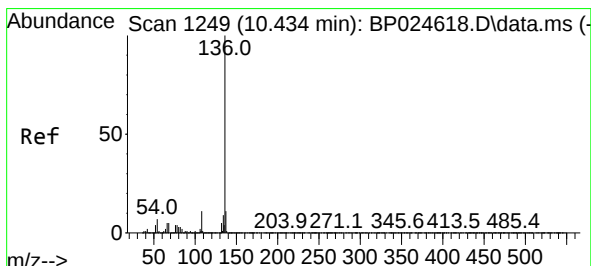
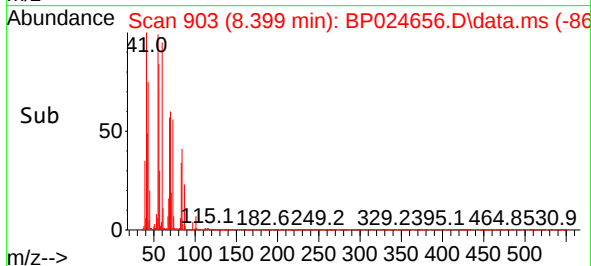
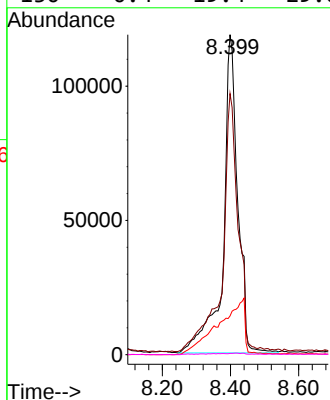
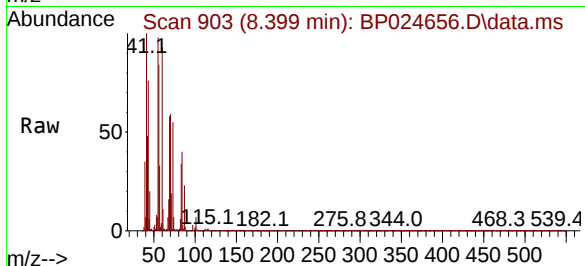




#19
n-Nitroso-di-n-propylamine
Concen: 43.764 ng
RT: 8.399 min Scan# 90
Delta R.T. -0.059 min
Lab File: BP024656.D
Acq: 16 May 2025 14:14

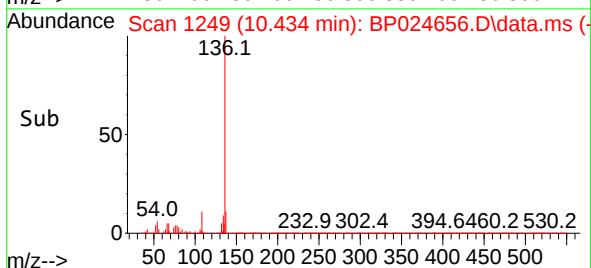
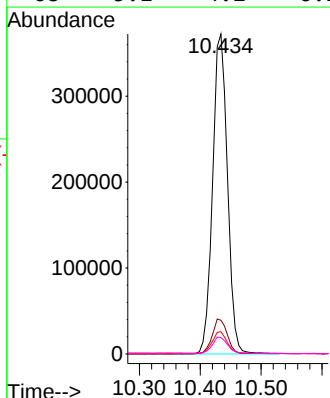
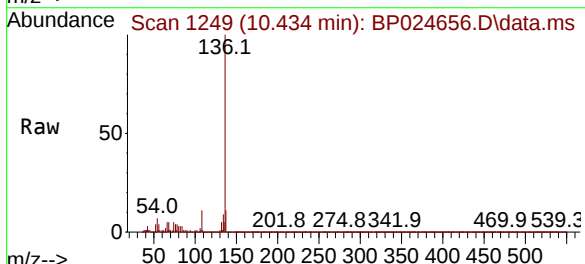
Instrument :
BNA_P
ClientSampleId :
EFF-WW

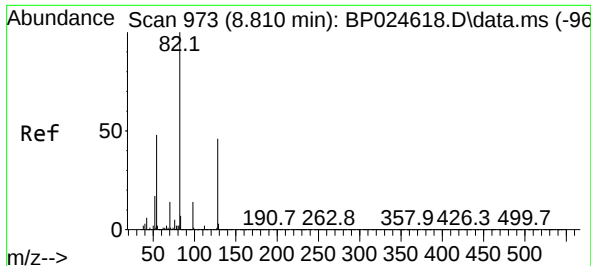
Tgt Ion: 70 Resp: 354235
Ion Ratio Lower Upper
70 100
42 81.6 43.0 64.6#
101 12.1 8.7 13.1
130 0.4 19.4 29.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024656.D
Acq: 16 May 2025 14:14

Tgt Ion:136 Resp: 629608
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.0 5.5 8.3
68 5.1 4.2 6.2

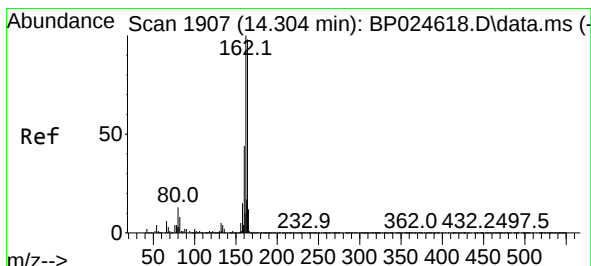
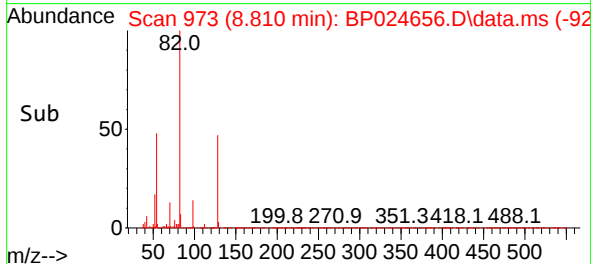
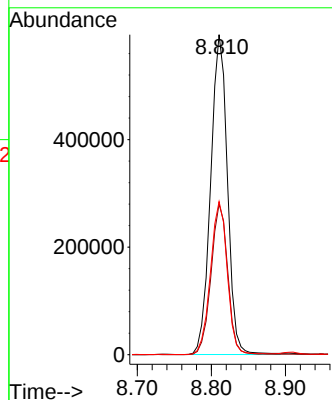
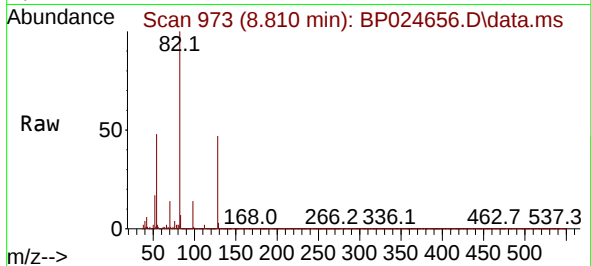




#23
Nitrobenzene-d5
Concen: 75.117 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024656.D
Acq: 16 May 2025 14:14

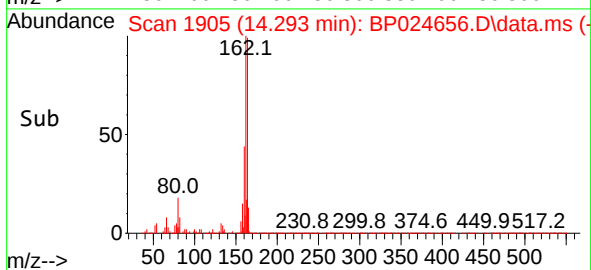
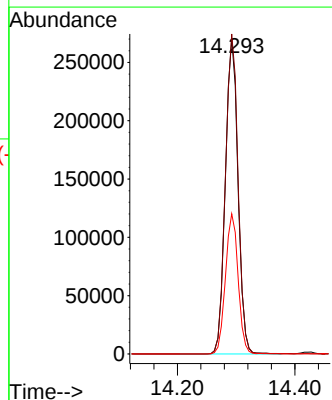
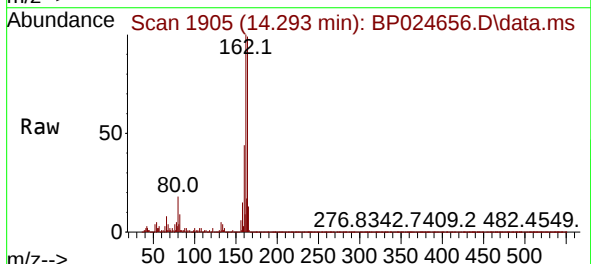
Instrument :
BNA_P
ClientSampleId :
EFF-WW

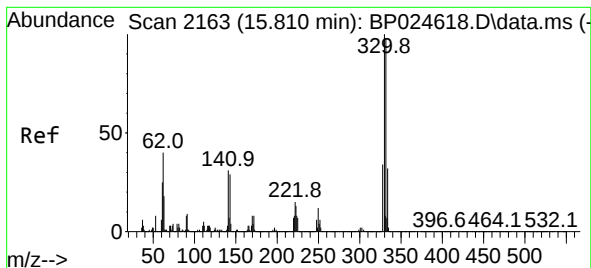
Tgt Ion: 82 Resp: 936029
Ion Ratio Lower Upper
82 100
128 47.1 37.0 55.4
54 47.9 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024656.D
Acq: 16 May 2025 14:14

Tgt Ion:164 Resp: 401544
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 44.4 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 70.542 ng

RT: 15.822 min Scan# 2165

Delta R.T. 0.012 min

Lab File: BP024656.D

Acq: 16 May 2025 14:14

Instrument :

BNA_P

ClientSampleId :

EFF-WW

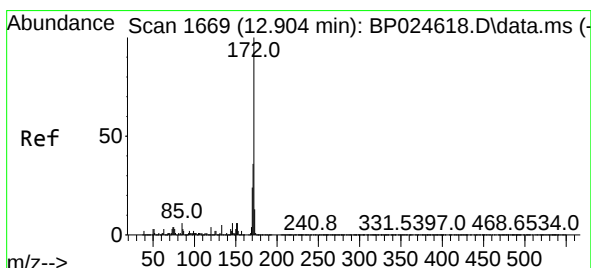
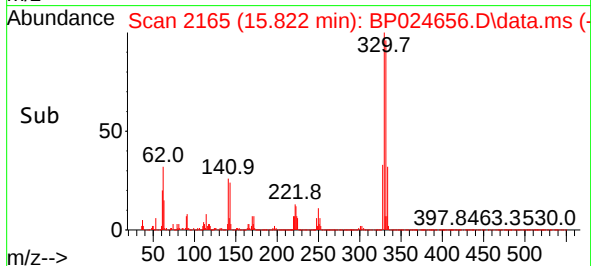
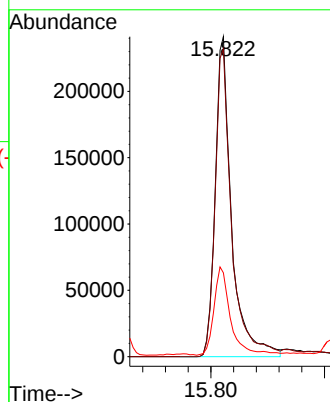
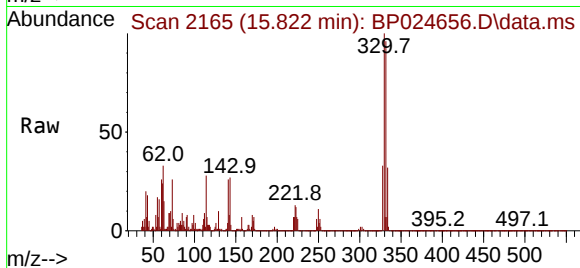
Tgt Ion:330 Resp: 480204

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.4

141 28.2 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 72.967 ng

RT: 12.910 min Scan# 1670

Delta R.T. 0.006 min

Lab File: BP024656.D

Acq: 16 May 2025 14:14

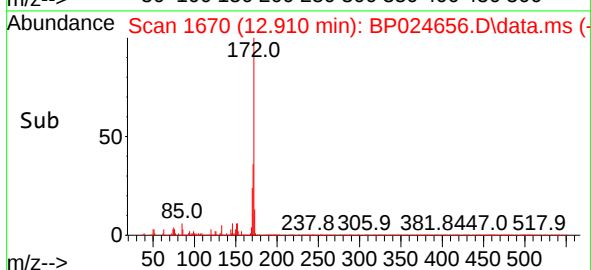
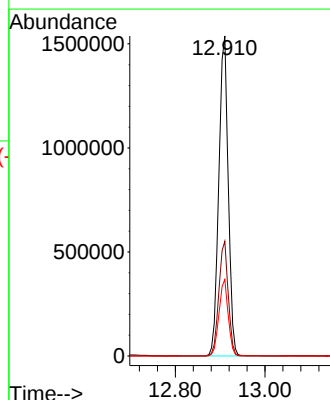
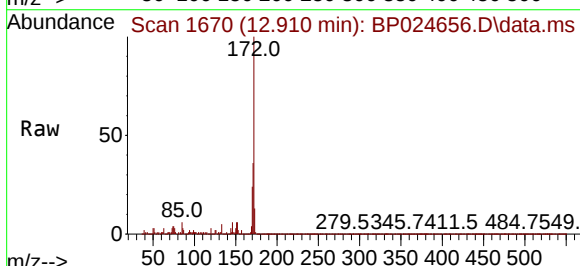
Tgt Ion:172 Resp: 2236385

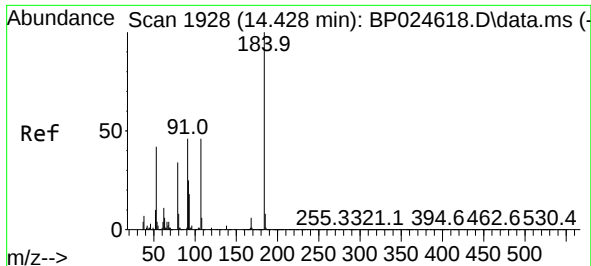
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.9 18.8 28.2

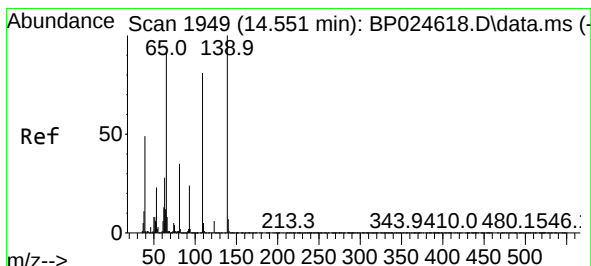
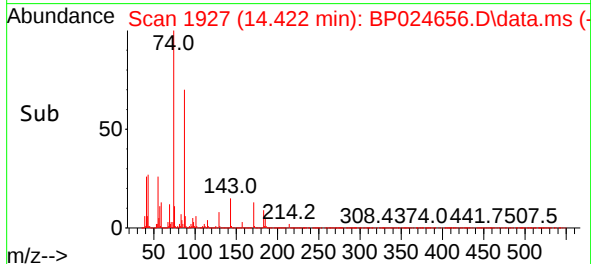
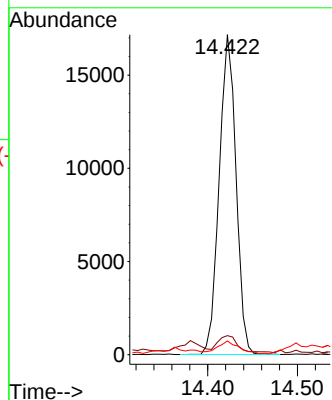
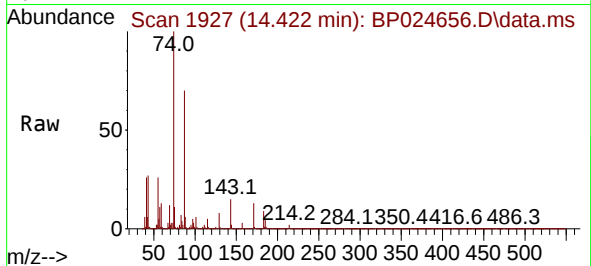




#54
2,4-Dinitrophenol
Concen: 11.434 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024656.D
Acq: 16 May 2025 14:14

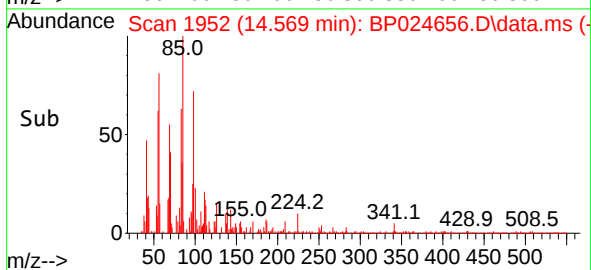
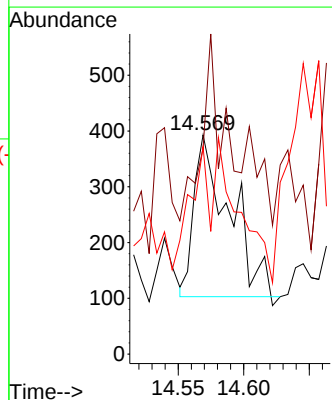
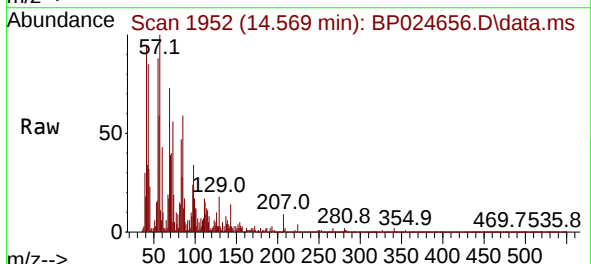
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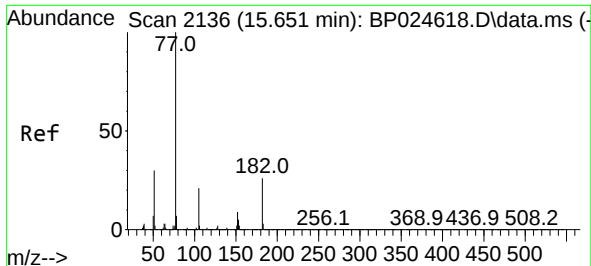
Tgt Ion:184 Resp: 22297
Ion Ratio Lower Upper
184 100
63 6.0 51.3 76.9#
154 4.3 53.5 80.3#



#56
4-Nitrophenol
Concen: 4.324 ng
RT: 14.569 min Scan# 1952
Delta R.T. 0.018 min
Lab File: BP024656.D
Acq: 16 May 2025 14:14

Tgt Ion:139 Resp: 540
Ion Ratio Lower Upper
139 100
109 93.9 61.4 101.4
65 94.7 72.2 112.2

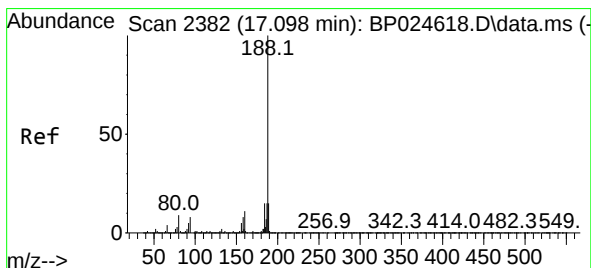
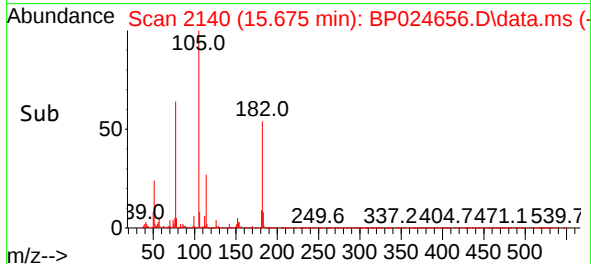
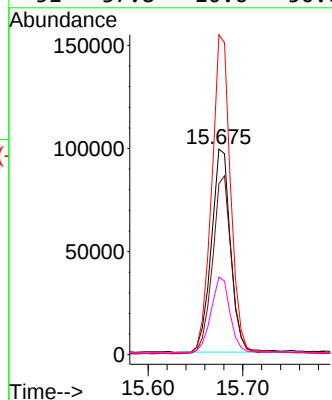
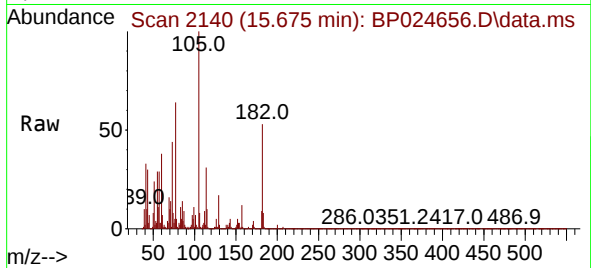




#63
Azobenzene
Concen: 5.268 ng
RT: 15.675 min Scan# 2136
Delta R.T. 0.024 min
Lab File: BP024656.D
Acq: 16 May 2025 14:14

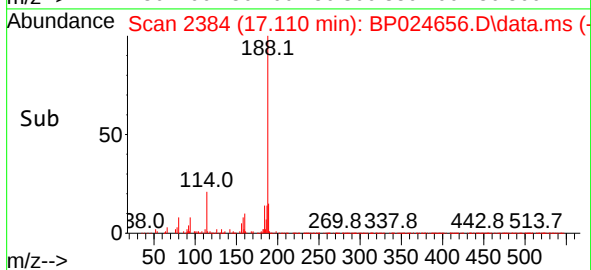
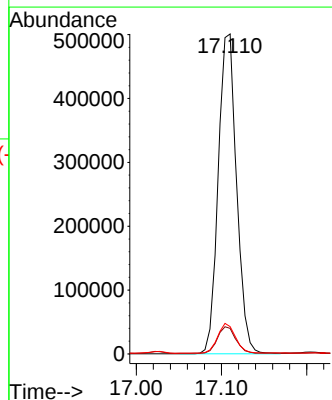
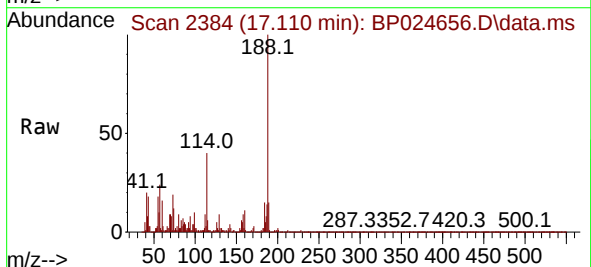
Instrument :
BNA_P
ClientSampleId :
EFF-WW

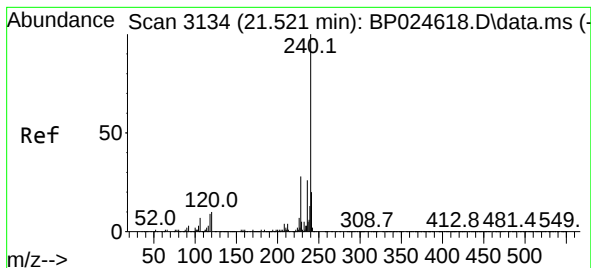
Tgt Ion: 77 Resp: 139400
Ion Ratio Lower Upper
77 100
182 83.2 5.7 45.7#
105 155.7 1.3 41.3#
51 37.8 10.6 50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.110 min Scan# 2384
Delta R.T. 0.012 min
Lab File: BP024656.D
Acq: 16 May 2025 14:14

Tgt Ion:188 Resp: 750342
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 8.6 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3134

Delta R.T. 0.012 min

Lab File: BP024656.D

Acq: 16 May 2025 14:14

Instrument :

BNA_P

ClientSampleId :

EFF-WW

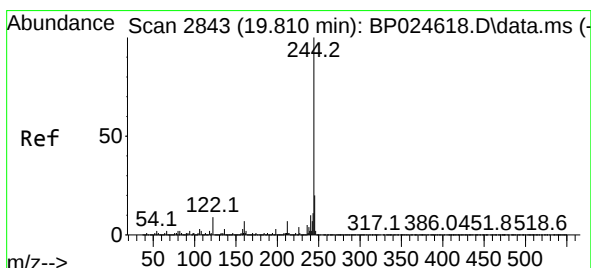
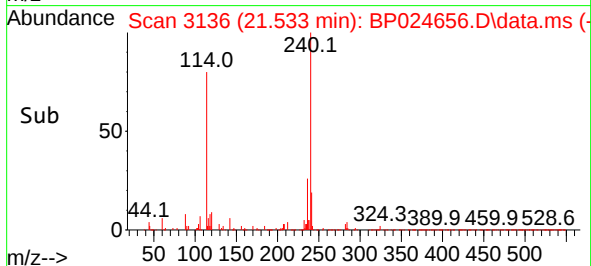
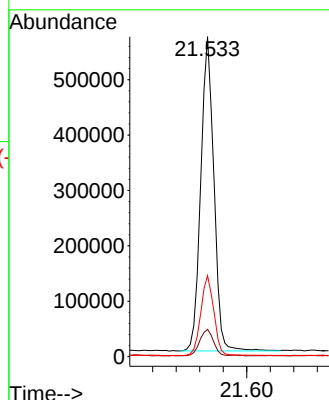
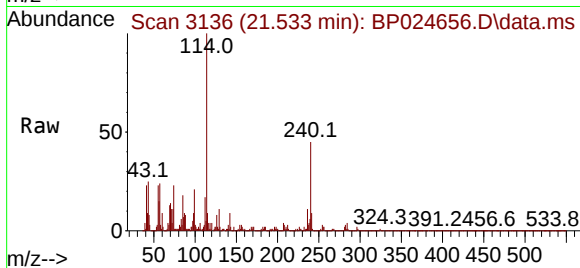
Tgt Ion:240 Resp: 878767

Ion Ratio Lower Upper

240 100

120 8.5 7.8 11.6

236 25.4 20.6 31.0



#79

Terphenyl-d14

Concen: 75.239 ng

RT: 19.816 min Scan# 2844

Delta R.T. 0.006 min

Lab File: BP024656.D

Acq: 16 May 2025 14:14

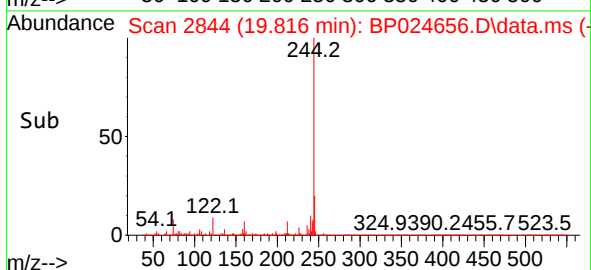
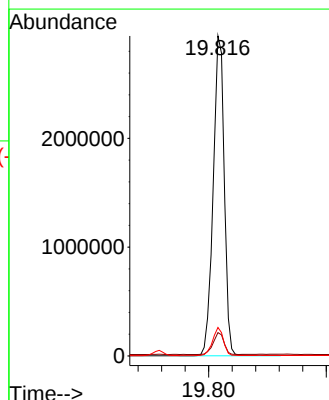
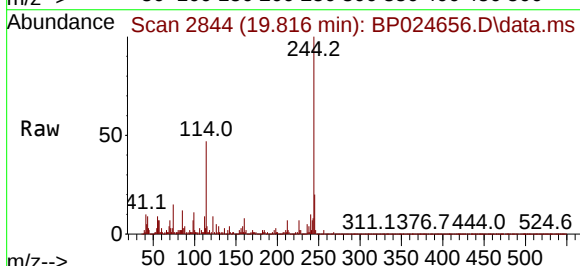
Tgt Ion:244 Resp: 3855927

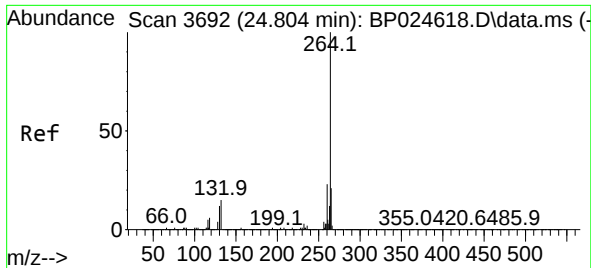
Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 8.9 7.4 11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.851 min Scan# 31
Delta R.T. 0.047 min
Lab File: BP024656.D
Acq: 16 May 2025 14:14

Instrument :
BNA_P
ClientSampleId :
EFF-WW

Tgt Ion:264 Resp: 1055536
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 22.7 17.0 25.6

