

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026077.D
 Acq On : 06 Nov 2025 14:13
 Operator : RC/JU
 Sample : PB170424BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170424BL

Quant Time: Nov 06 14:45:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

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

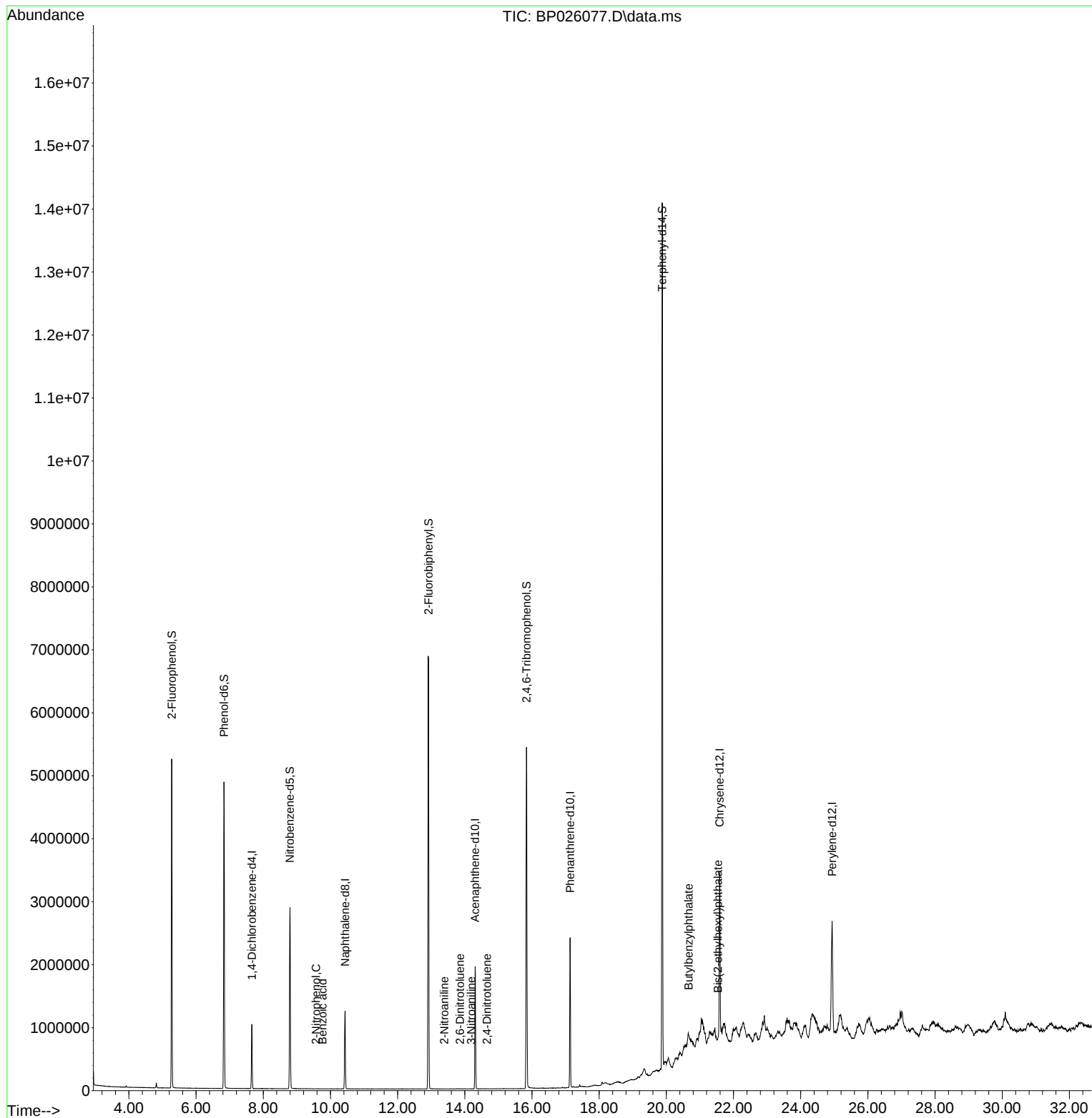
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	281412	20.000	ng	-0.03
21) Naphthalene-d8	10.437	136	1090241	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	699934	20.000	ng	-0.01
64) Phenanthrene-d10	17.136	188	1528535	20.000	ng	0.01
76) Chrysene-d12	21.589	240	1747812	20.000	ng	0.02
86) Perylene-d12	24.936	264	1979388	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	2353394	137.994	ng	-0.02
7) Phenol-d6	6.831	99	2888806	133.083	ng	-0.02
23) Nitrobenzene-d5	8.795	82	1635887	93.540	ng	-0.03
42) 2,4,6-Tribromophenol	15.836	330	1281072	169.298	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4073635	83.629	ng	-0.01
79) Terphenyl-d14	19.877	244	7701953	89.529	ng	0.01
Target Compounds						Qvalue
26) 2-Nitrophenol	9.572	139	13	2.679	ng	# 1
32) Benzoic acid	9.760	122	129	3.133	ng	# 1
48) 2-Nitroaniline	13.389	65	40	2.913	ng	# 43
51) 2,6-Dinitrotoluene	13.860	165	50	2.996	ng	# 24
53) 3-Nitroaniline	14.189	138	25	2.640	ng	# 1
57) 2,4-Dinitrotoluene	14.660	165	171	3.098	ng	# 60
80) Butylbenzylphthalate	20.665	149	6495	3.534	ng	# 83
84) Bis(2-ethylhexyl)phtha...	21.536	149	7996	2.705	ng	# 71

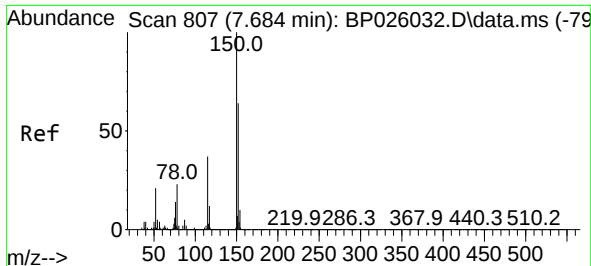
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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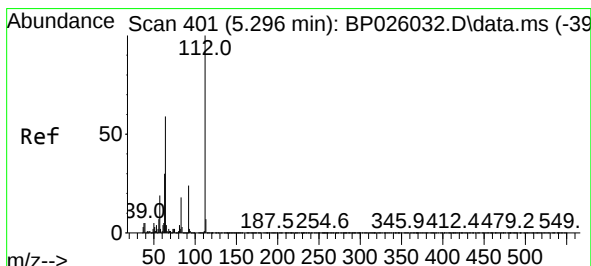
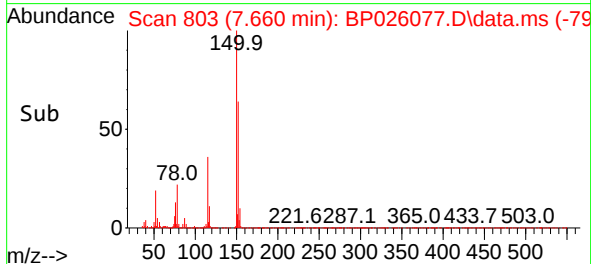
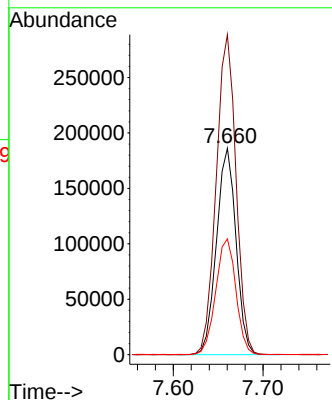
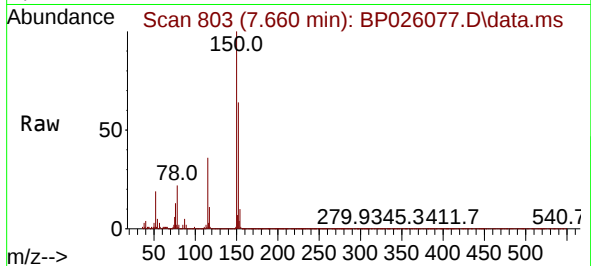




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 80
Delta R.T. -0.030 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

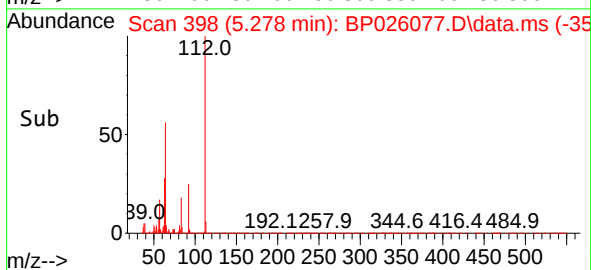
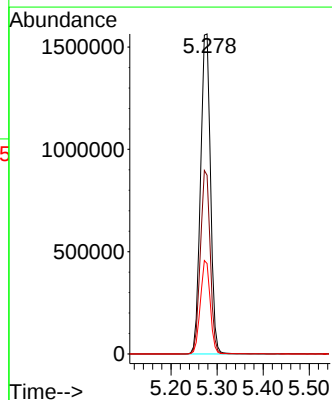
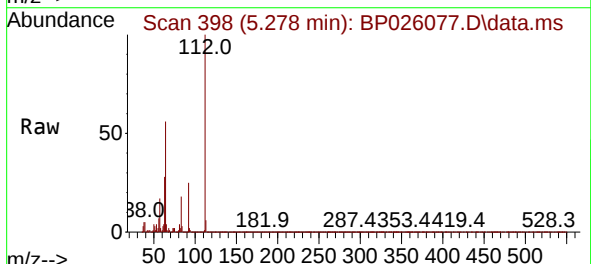
Instrument :
BNA_P
ClientSampleId :
PB170424BL

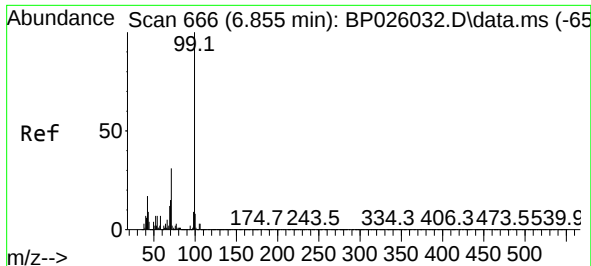
Tgt Ion:152 Resp: 281412
Ion Ratio Lower Upper
152 100
150 155.1 125.7 188.5
115 56.1 46.4 69.6



#5
2-Fluorophenol
Concen: 137.994 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.018 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:112 Resp: 2353394
Ion Ratio Lower Upper
112 100
64 55.9 47.4 71.2
63 28.3 24.2 36.4

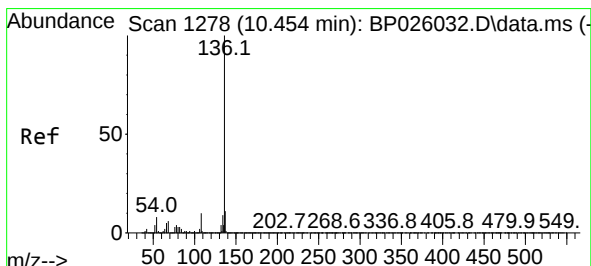
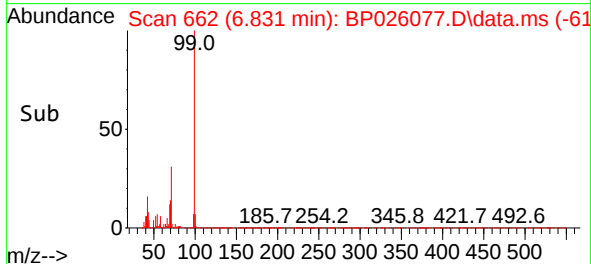
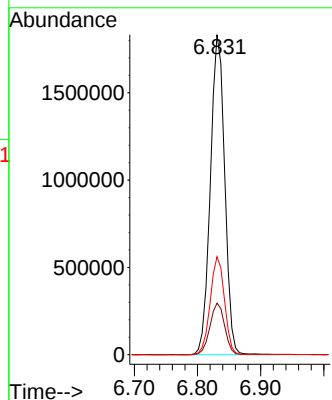
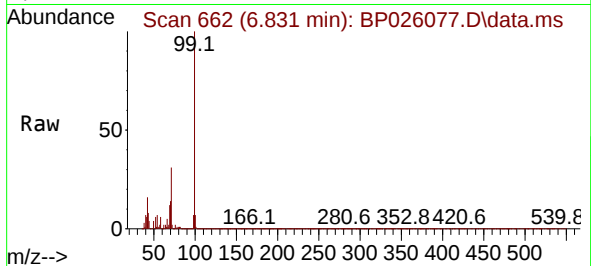




#7
Phenol-d6
Concen: 133.083 ng
RT: 6.831 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

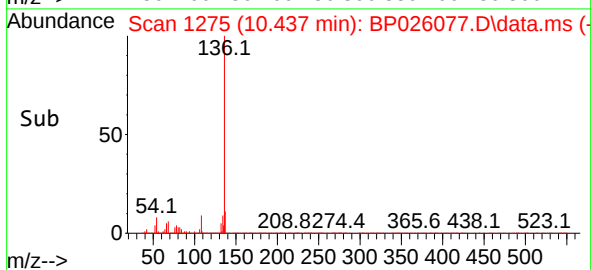
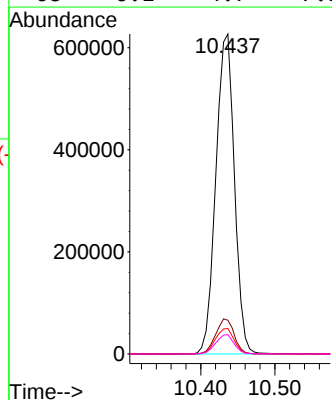
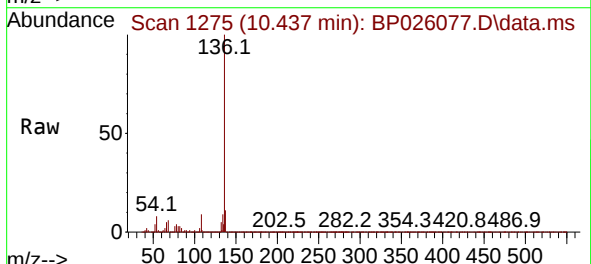
Instrument :
BNA_P
ClientSampleId :
PB170424BL

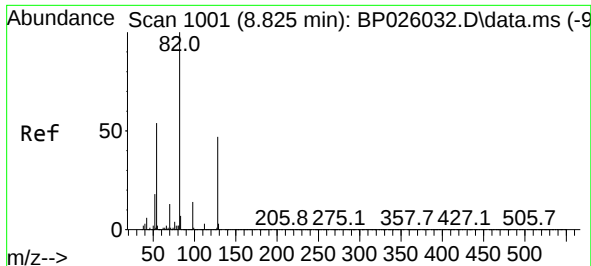
Tgt Ion: 99 Resp: 2888806
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 30.6 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.017 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

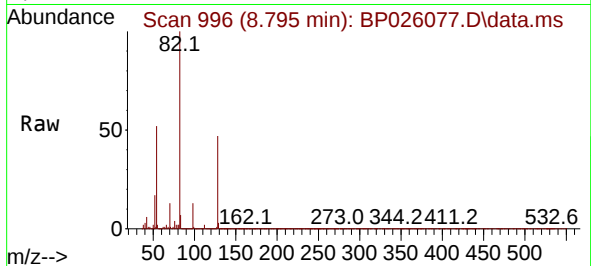
Tgt Ion:136 Resp: 1090241
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.0 6.6 10.0
68 6.1 4.7 7.1



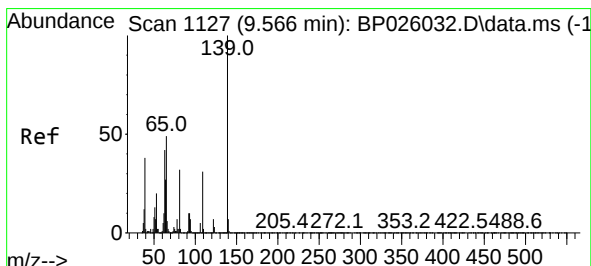
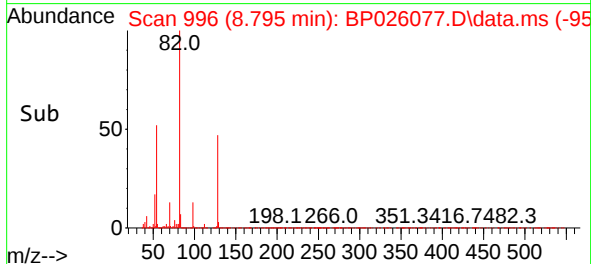
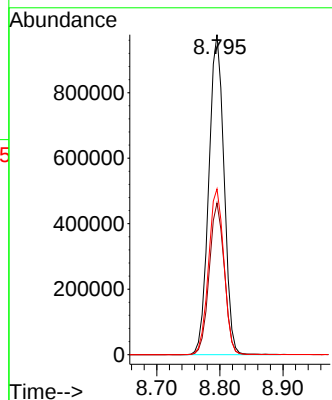


#23
Nitrobenzene-d5
Concen: 93.540 ng
RT: 8.795 min Scan# 996
Delta R.T. -0.029 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Instrument :
BNA_P
ClientSampleId :
PB170424BL

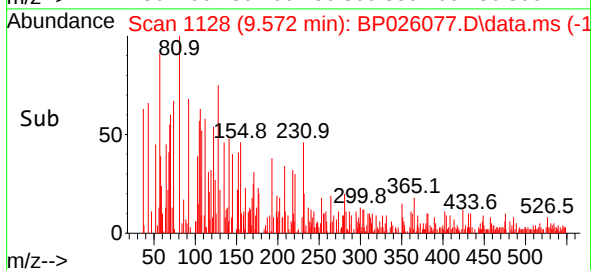
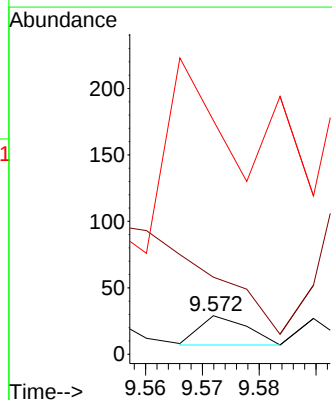
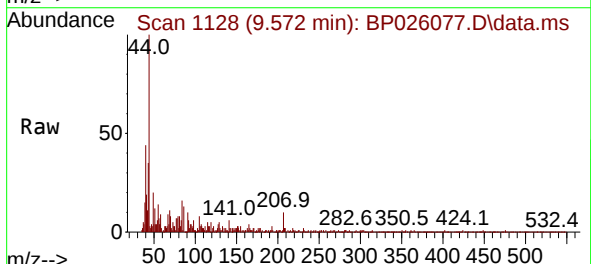


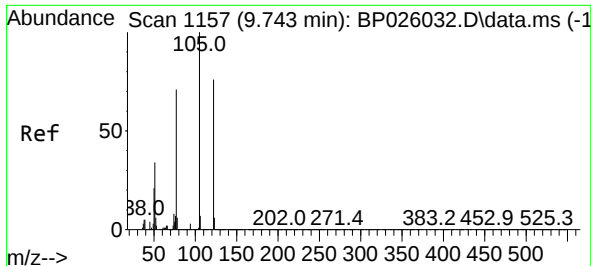
Tgt Ion: 82 Resp: 1635887
Ion Ratio Lower Upper
82 100
128 47.4 37.4 56.0
54 51.8 42.7 64.1



#26
2-Nitrophenol
Concen: 2.679 ng
RT: 9.572 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion: 139 Resp: 13
Ion Ratio Lower Upper
139 100
109 200.0 24.8 37.2#
65 606.9 39.0 58.4#

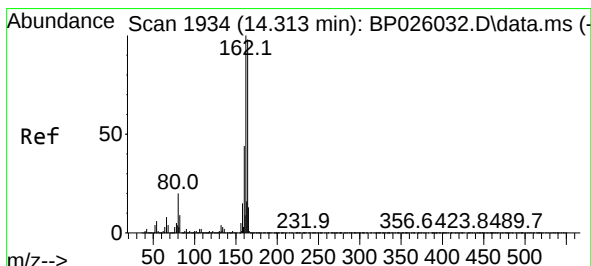
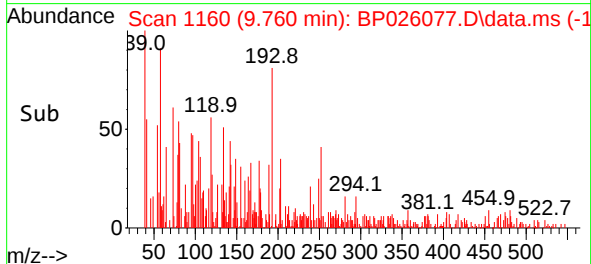
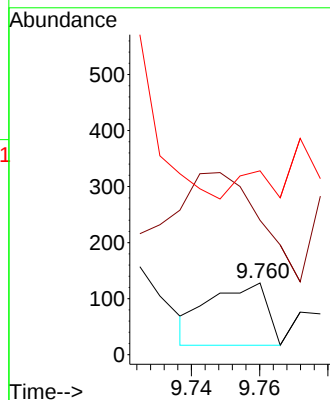
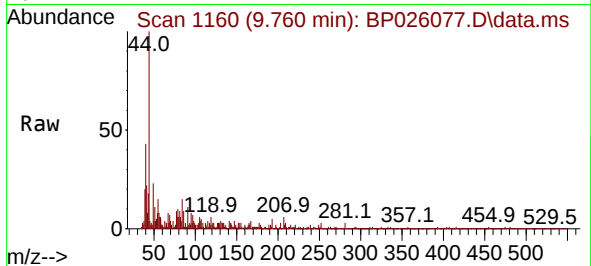




#32
Benzoic acid
Concen: 3.133 ng
RT: 9.760 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

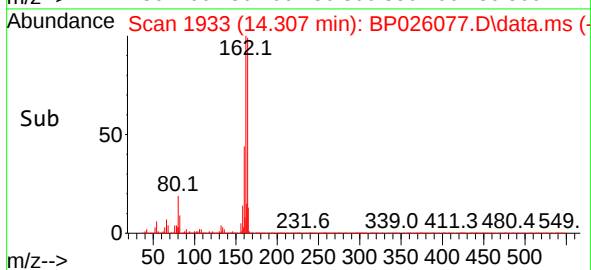
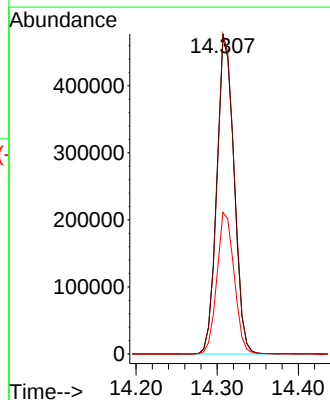
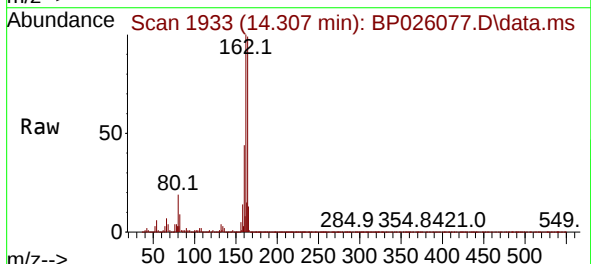
Instrument :
BNA_P
ClientSampleId :
PB170424BL

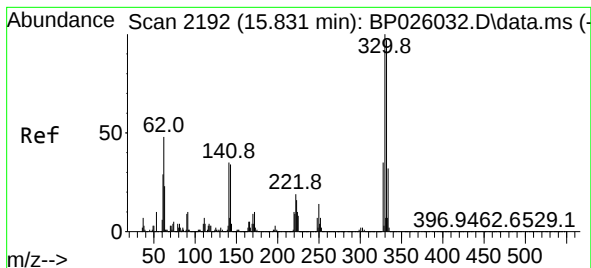
Tgt Ion:122 Resp: 129
Ion Ratio Lower Upper
122 100
105 187.5 104.8 144.8#
77 256.3 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:164 Resp: 699934
Ion Ratio Lower Upper
164 100
162 101.2 81.5 122.3
160 44.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 169.298 ng

RT: 15.836 min Scan# 2192

Delta R.T. 0.006 min

Lab File: BP026077.D

Acq: 06 Nov 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB170424BL

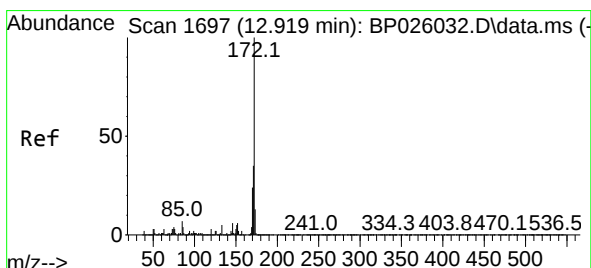
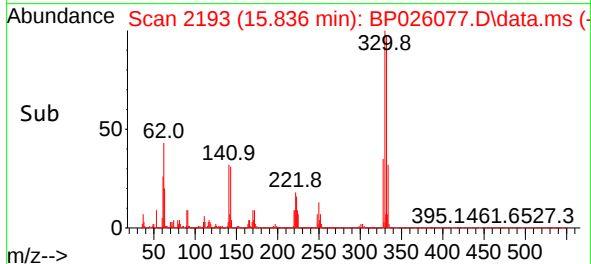
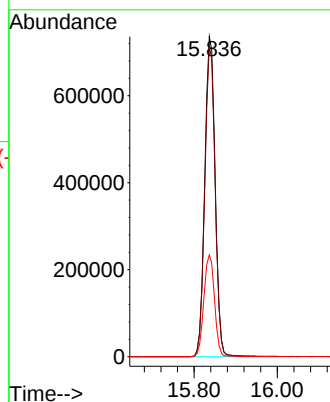
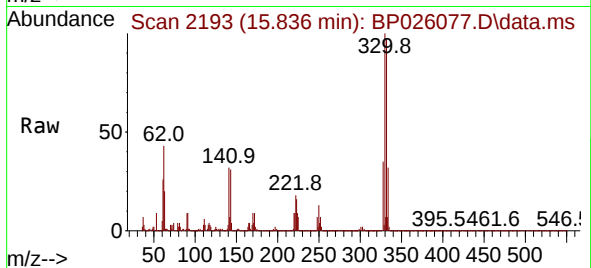
Tgt Ion:330 Resp: 1281072

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 32.5 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 83.629 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026077.D

Acq: 06 Nov 2025 14:13

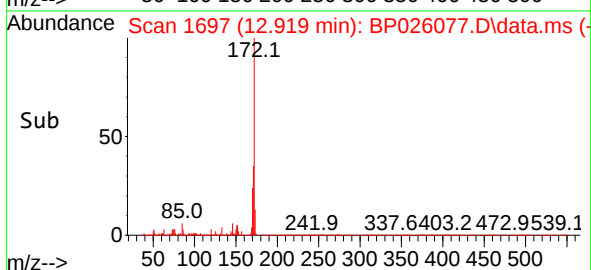
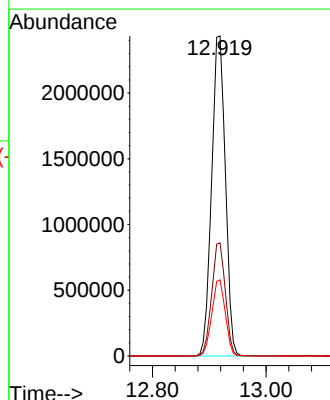
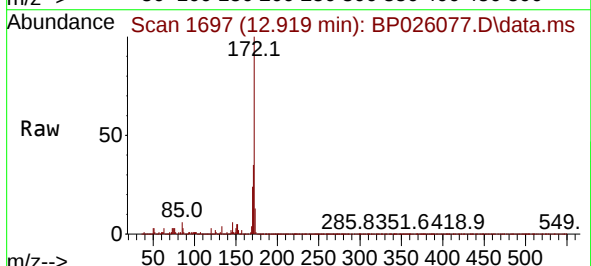
Tgt Ion:172 Resp: 4073635

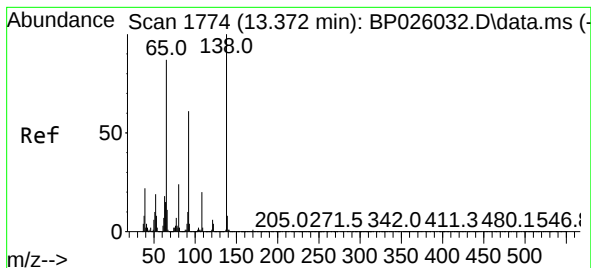
Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

170 23.8 19.0 28.4





#48

2-Nitroaniline

Concen: 2.913 ng

RT: 13.389 min Scan# 1

Delta R.T. 0.011 min

Lab File: BP026077.D

Acq: 06 Nov 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB170424BL

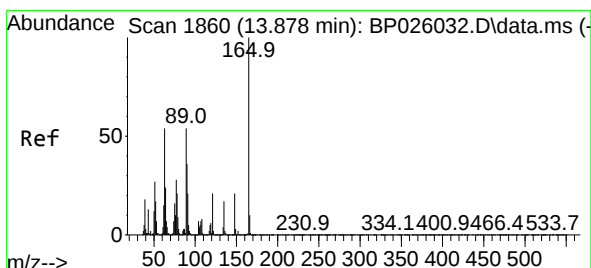
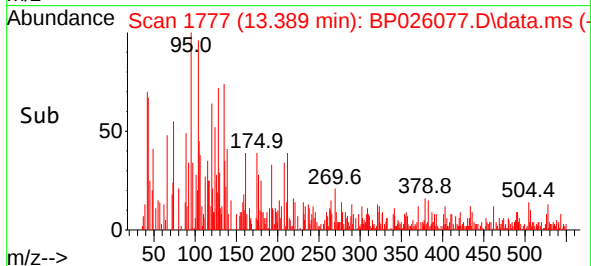
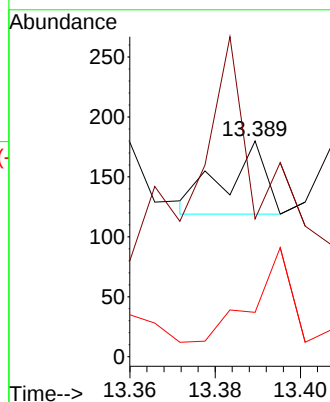
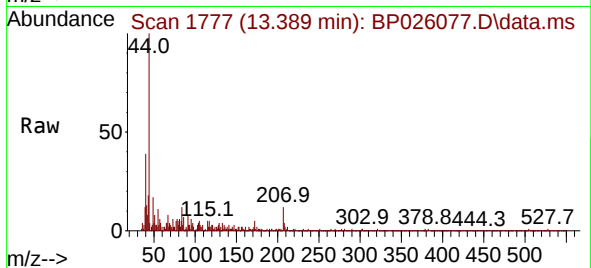
Tgt Ion: 65 Resp: 40

Ion Ratio Lower Upper

65 100

92 63.9 55.5 83.3

138 20.6 91.7 137.5#



#51

2,6-Dinitrotoluene

Concen: 2.996 ng

RT: 13.860 min Scan# 1857

Delta R.T. -0.018 min

Lab File: BP026077.D

Acq: 06 Nov 2025 14:13

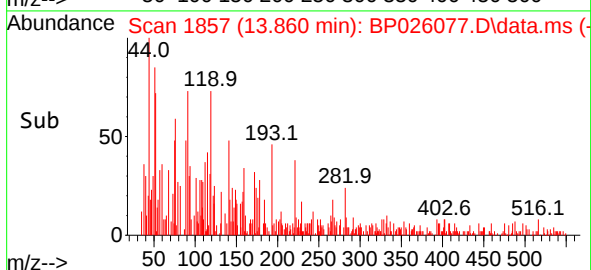
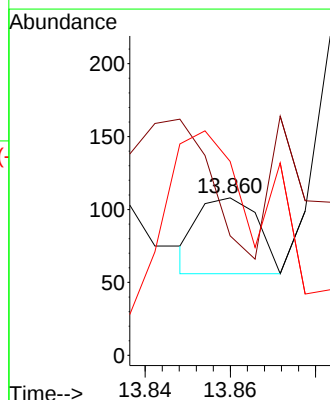
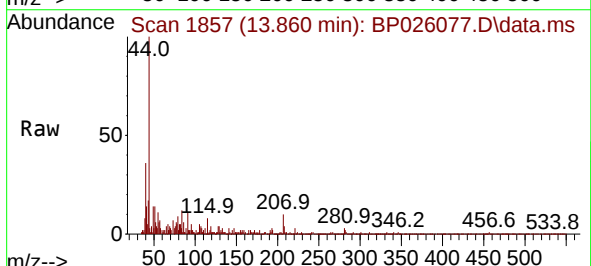
Tgt Ion: 165 Resp: 50

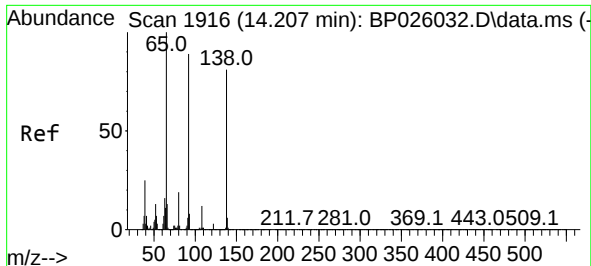
Ion Ratio Lower Upper

165 100

63 93.5 43.0 64.4#

89 123.1 43.0 64.4#

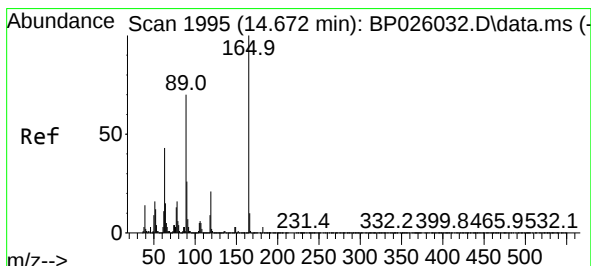
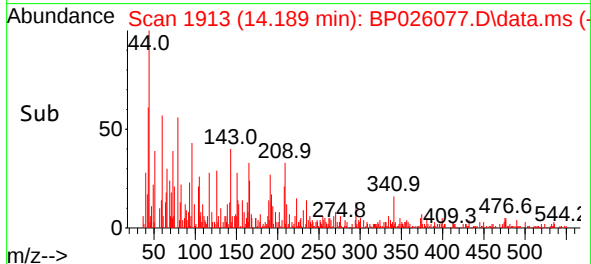
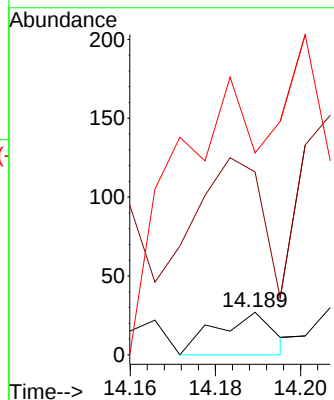
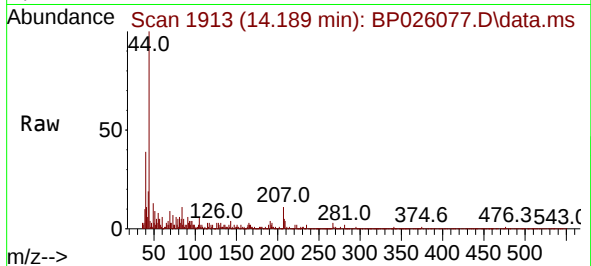




#53
3-Nitroaniline
Concen: 2.640 ng
RT: 14.189 min Scan# 1916
Delta R.T. -0.018 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

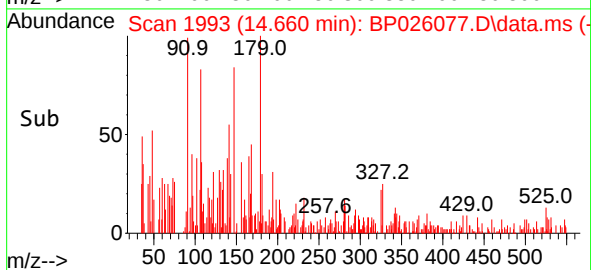
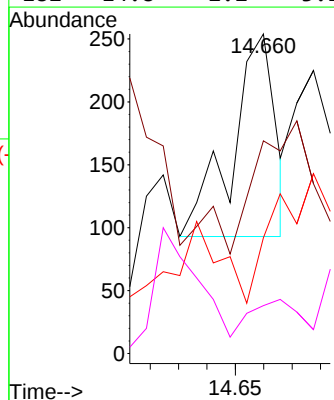
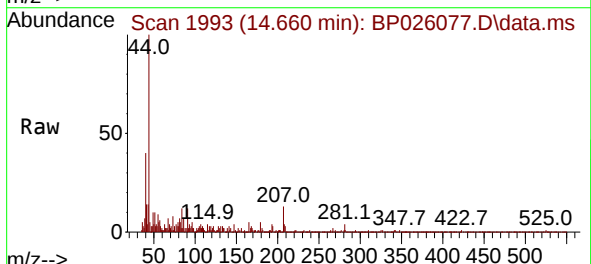
Instrument :
BNA_P
ClientSampleId :
PB170424BL

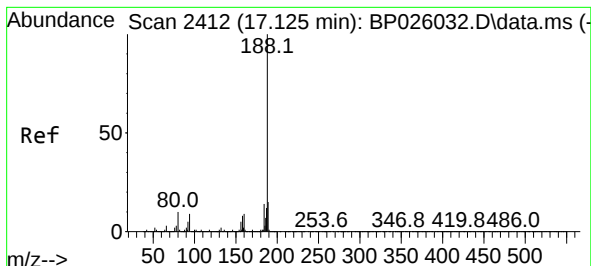
Tgt Ion:138 Resp: 25
Ion Ratio Lower Upper
138 100
108 533.3 11.4 17.0#
92 474.1 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.098 ng
RT: 14.660 min Scan# 1993
Delta R.T. -0.018 min
Lab File: BP026077.D
Acq: 06 Nov 2025 14:13

Tgt Ion:165 Resp: 171
Ion Ratio Lower Upper
165 100
63 66.0 34.2 51.2#
89 35.9 56.0 84.0#
182 14.8 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.136 min Scan# 2412

Delta R.T. 0.012 min

Lab File: BP026077.D

Acq: 06 Nov 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB170424BL

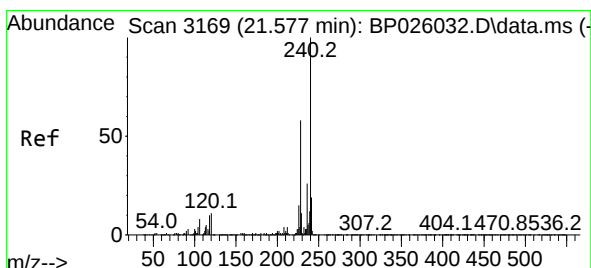
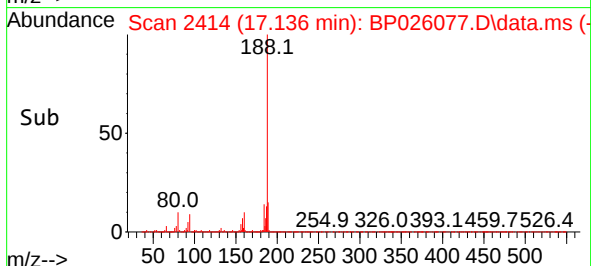
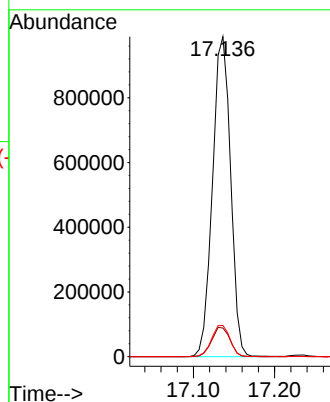
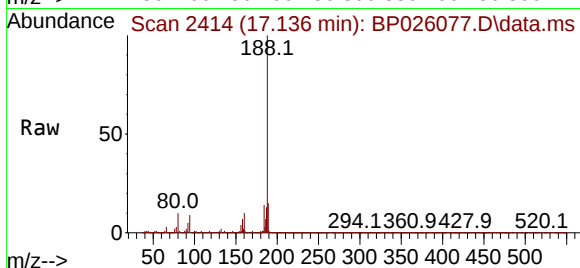
Tgt Ion:188 Resp: 1528535

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

80 9.8 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3171

Delta R.T. 0.024 min

Lab File: BP026077.D

Acq: 06 Nov 2025 14:13

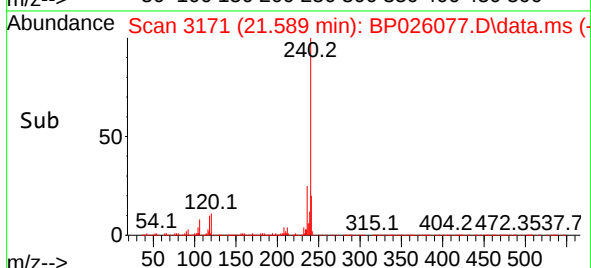
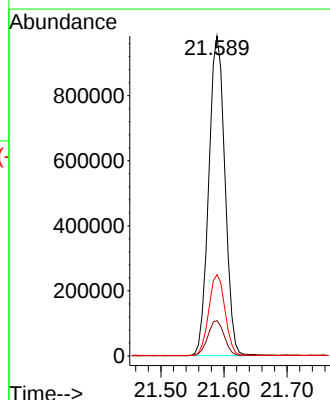
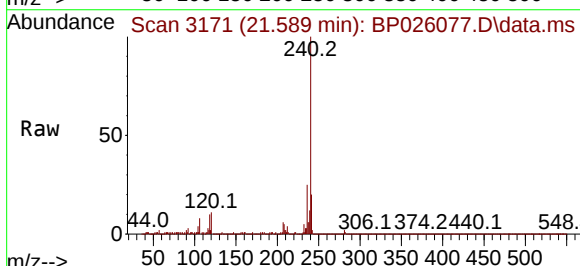
Tgt Ion:240 Resp: 1747812

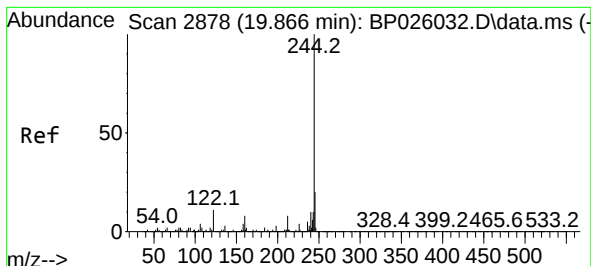
Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 25.4 20.6 31.0





#79

Terphenyl-d14

Concen: 89.529 ng

RT: 19.877 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP026077.D

Acq: 06 Nov 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB170424BL

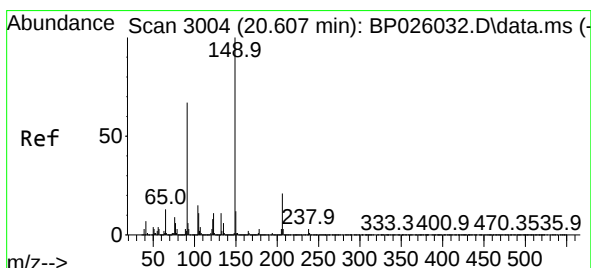
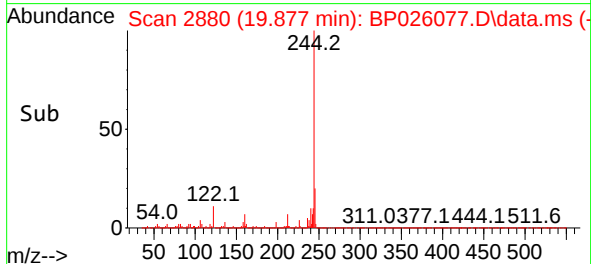
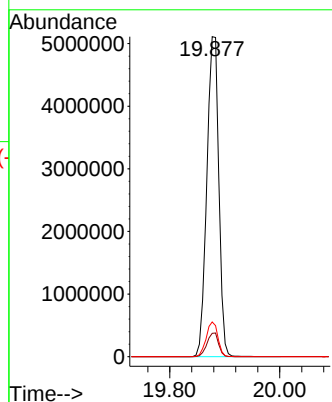
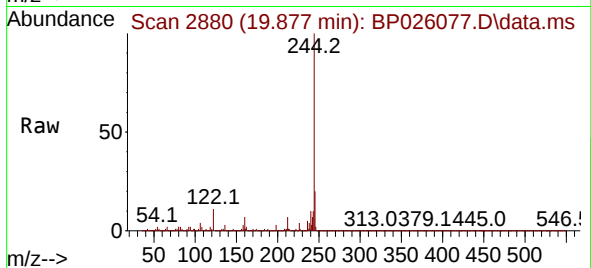
Tgt Ion:244 Resp: 7701953

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.9 9.0 13.6



#80

Butylbenzylphthalate

Concen: 3.534 ng

RT: 20.665 min Scan# 3014

Delta R.T. 0.058 min

Lab File: BP026077.D

Acq: 06 Nov 2025 14:13

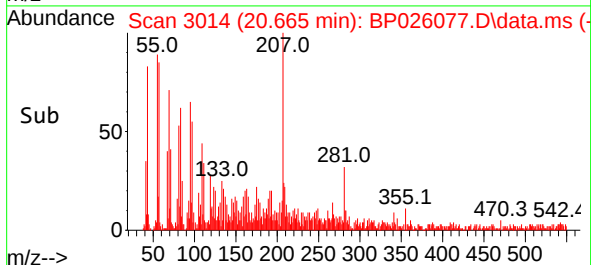
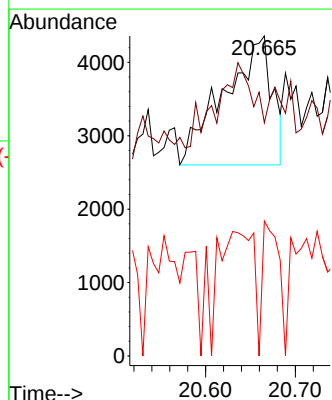
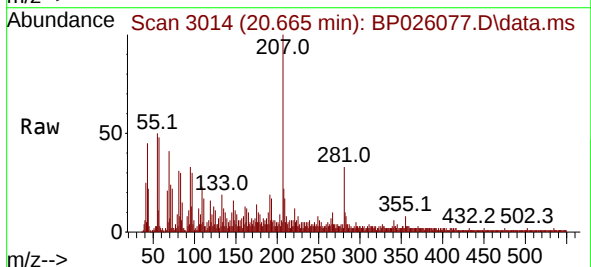
Tgt Ion:149 Resp: 6495

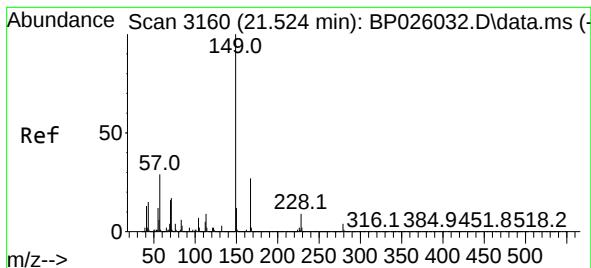
Ion Ratio Lower Upper

149 100

91 72.9 53.5 80.3

206 42.2 16.6 25.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.705 ng

RT: 21.536 min Scan# 3160

Delta R.T. 0.018 min

Lab File: BP026077.D

Acq: 06 Nov 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB170424BL

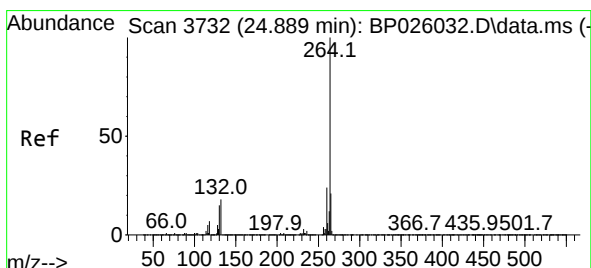
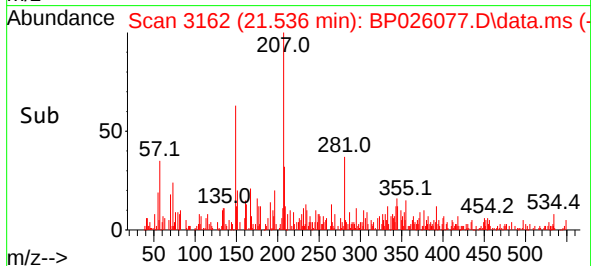
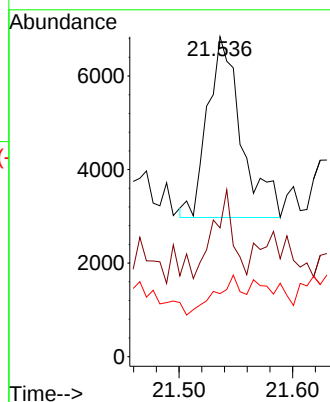
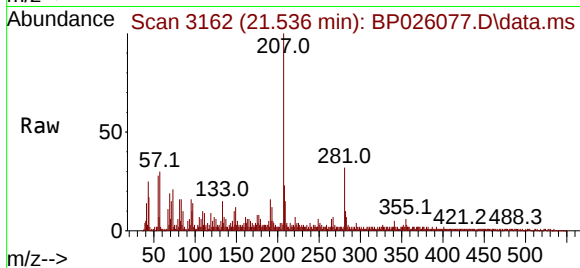
Tgt Ion:149 Resp: 7996

Ion Ratio Lower Upper

149 100

167 40.2 21.5 32.3#

279 19.7 3.0 4.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.936 min Scan# 3740

Delta R.T. 0.053 min

Lab File: BP026077.D

Acq: 06 Nov 2025 14:13

Tgt Ion:264 Resp: 1979388

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 22.1 17.2 25.8

