

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026106.D
 Acq On : 12 Nov 2025 01:47
 Operator : RC/JU
 Sample : Q3601-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: Nov 12 03:05:08 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)

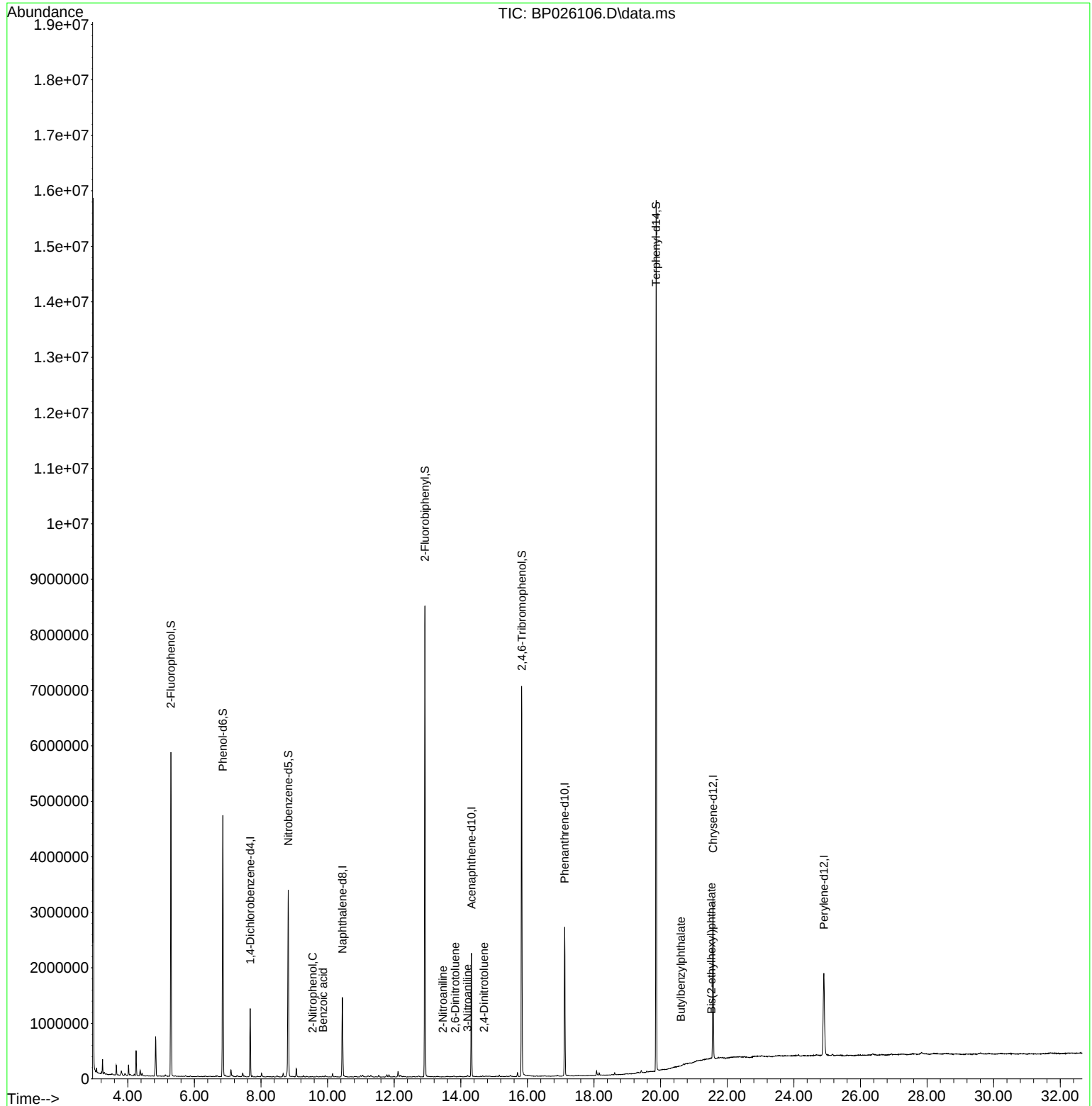
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	339153	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1282650	20.000	ng	-0.01
39) Acenaphthene-d10	14.319	164	766392	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	1592594	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1733799	20.000	ng	0.00
86) Perylene-d12	24.901	264	1337412	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2536454	123.407	ng	0.00
7) Phenol-d6	6.855	99	2873675	109.847	ng	0.00
23) Nitrobenzene-d5	8.819	82	1981475	96.305	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	1355354	163.582	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4553804	85.380	ng	0.00
79) Terphenyl-d14	19.866	244	7368024	86.339	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.554	139	100	2.689	ng	# 1
32) Benzoic acid	9.860	122	401	3.162	ng	# 43
48) 2-Nitroaniline	13.466	65	82	2.916	ng	# 93
51) 2,6-Dinitrotoluene	13.831	165	42	2.995	ng	# 90
53) 3-Nitroaniline	14.195	138	119	2.646	ng	# 54
57) 2,4-Dinitrotoluene	14.695	165	85	3.092	ng	# 85
80) Butylbenzylphthalate	20.613	149	544	3.409	ng	# 87
84) Bis(2-ethylhexyl)phtha...	21.524	149	7087	2.693	ng	# 94

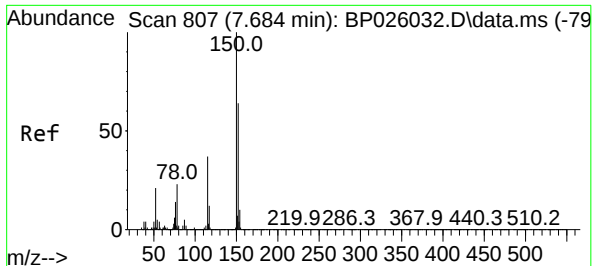
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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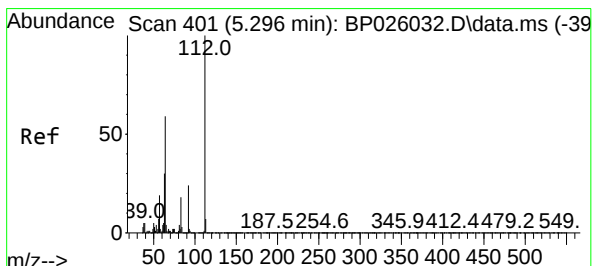
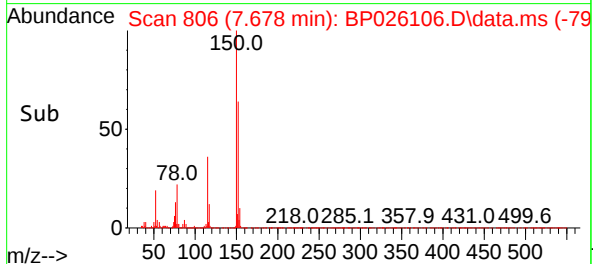
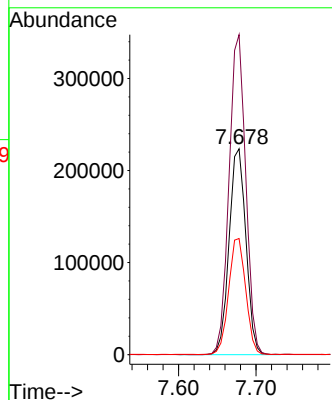
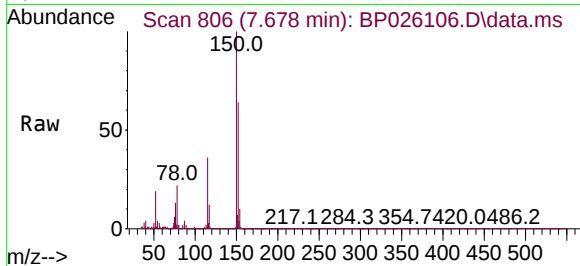




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 807
Delta R.T. -0.012 min
Lab File: BP026106.D
Acq: 12 Nov 2025 01:47

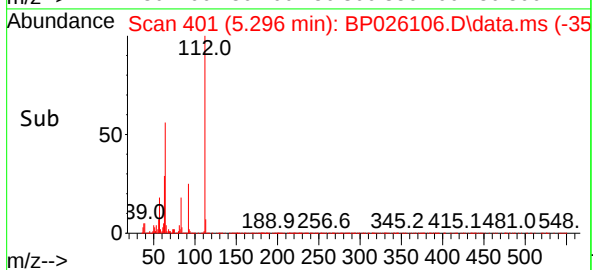
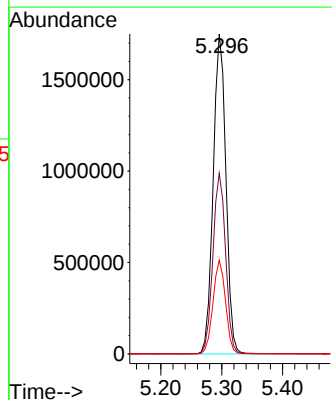
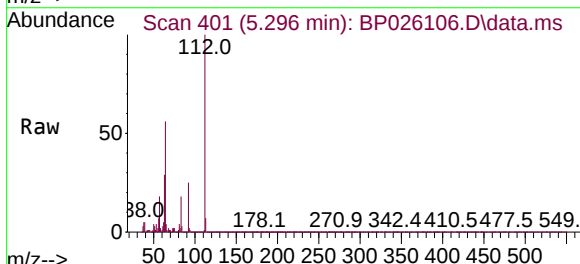
Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 339153
Ion Ratio Lower Upper
152 100
150 155.4 125.7 188.5
115 56.4 46.4 69.6



#5
2-Fluorophenol
Concen: 123.407 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026106.D
Acq: 12 Nov 2025 01:47

Tgt Ion:112 Resp: 2536454
Ion Ratio Lower Upper
112 100
64 56.4 47.4 71.2
63 29.3 24.2 36.4

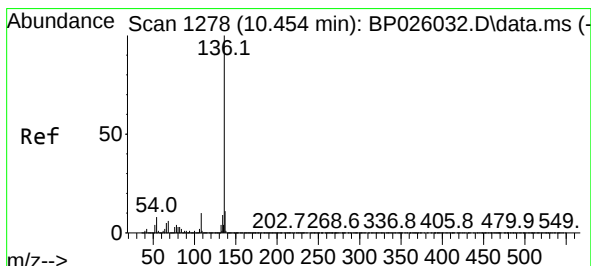
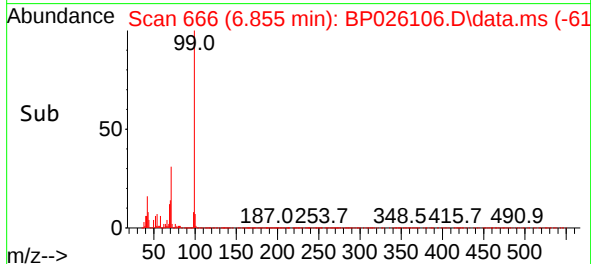
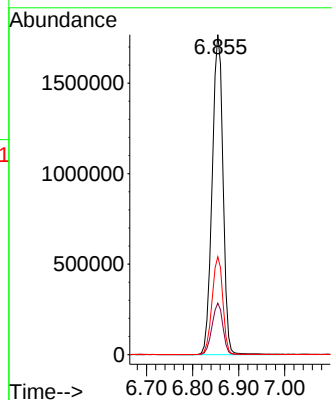
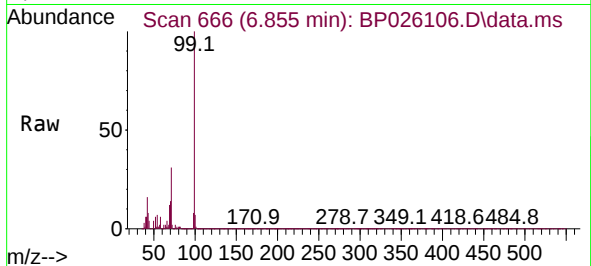




#7
Phenol-d6
Concen: 109.847 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026106.D
Acq: 12 Nov 2025 01:47

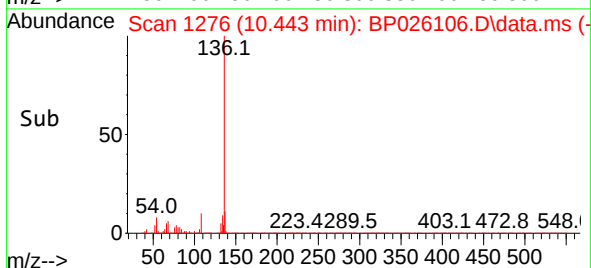
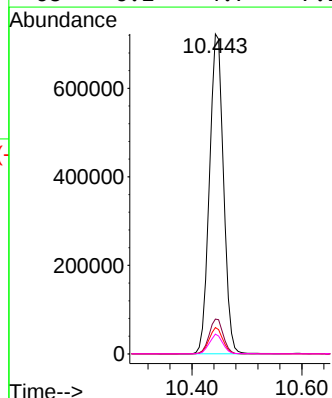
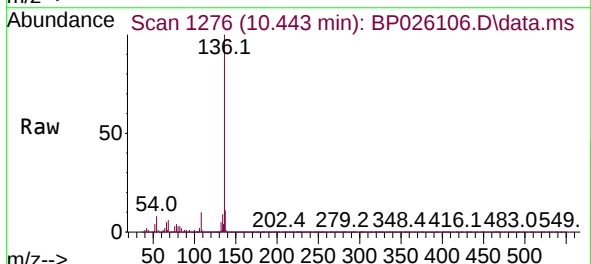
Instrument :
BNA_P
ClientSampleId :
TP-3

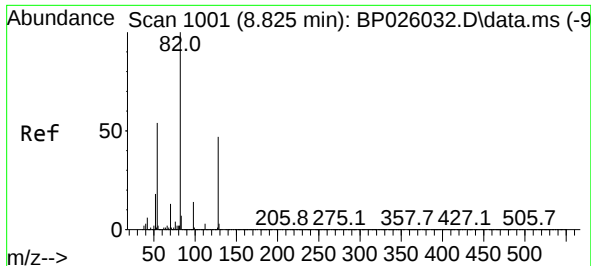
Tgt Ion: 99 Resp: 2873675
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 30.6 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026106.D
Acq: 12 Nov 2025 01:47

Tgt Ion:136 Resp: 1282650
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 6.6 10.0
68 6.2 4.7 7.1





#23

Nitrobenzene-d5

Concen: 96.305 ng

RT: 8.819 min Scan# 10

Delta R.T. -0.006 min

Lab File: BP026106.D

Acq: 12 Nov 2025 01:47

Instrument :

BNA_P

ClientSampleId :

TP-3

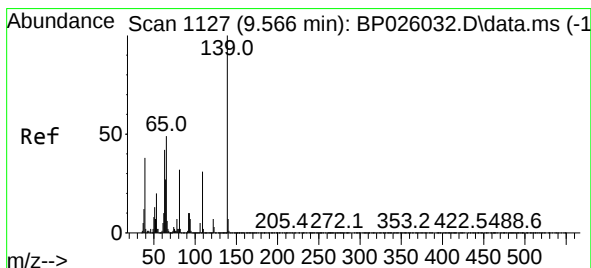
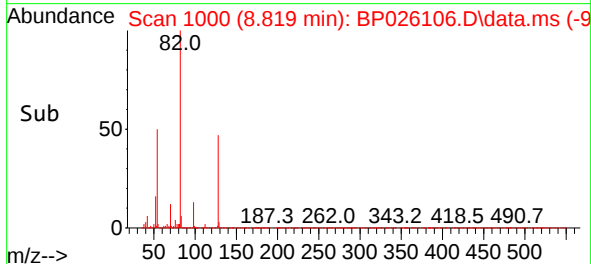
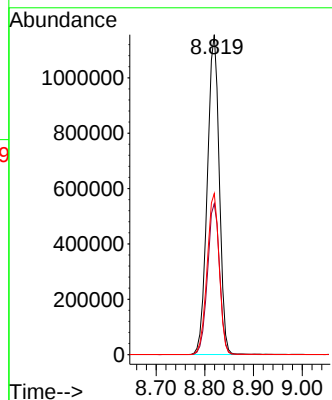
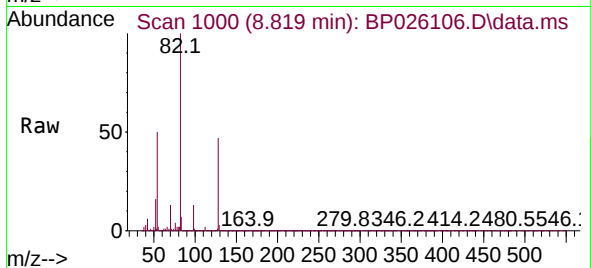
Tgt Ion: 82 Resp: 1981475

Ion Ratio Lower Upper

82 100

128 47.2 37.4 56.0

54 50.3 42.7 64.1



#26

2-Nitrophenol

Concen: 2.689 ng

RT: 9.554 min Scan# 1125

Delta R.T. -0.012 min

Lab File: BP026106.D

Acq: 12 Nov 2025 01:47

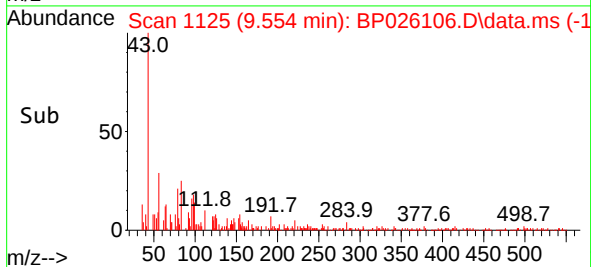
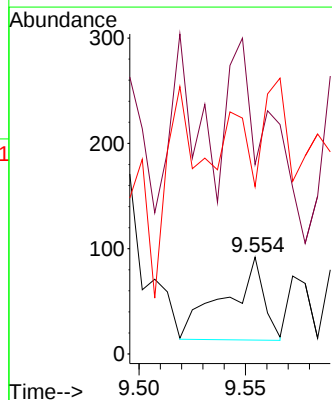
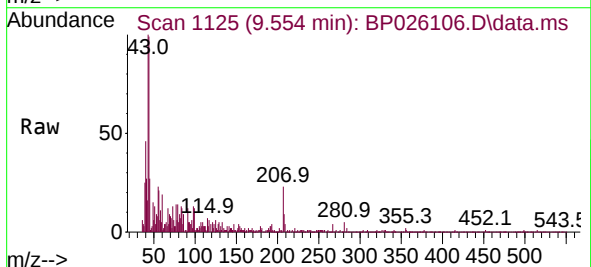
Tgt Ion:139 Resp: 100

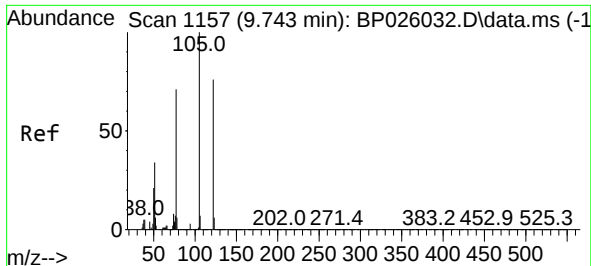
Ion Ratio Lower Upper

139 100

109 195.7 24.8 37.2#

65 172.8 39.0 58.4#

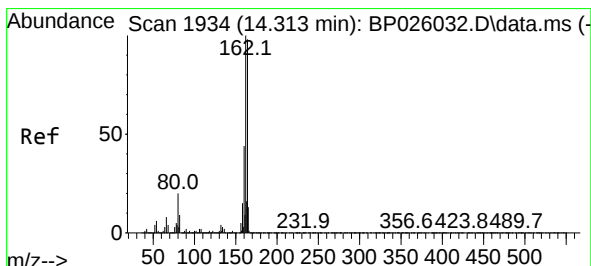
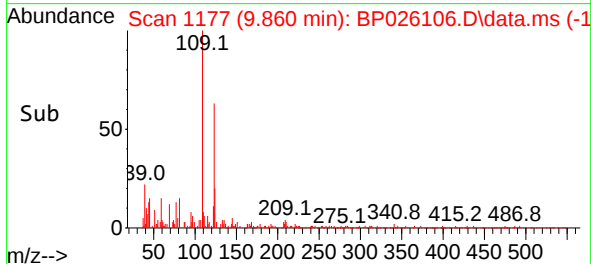
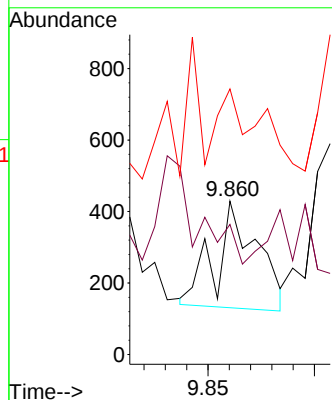
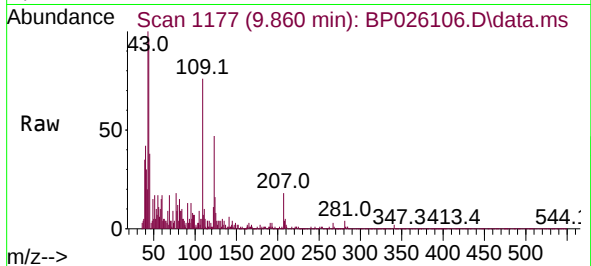




#32
Benzoic acid
Concen: 3.162 ng
RT: 9.860 min Scan# 1157
Delta R.T. 0.082 min
Lab File: BP026106.D
Acq: 12 Nov 2025 01:47

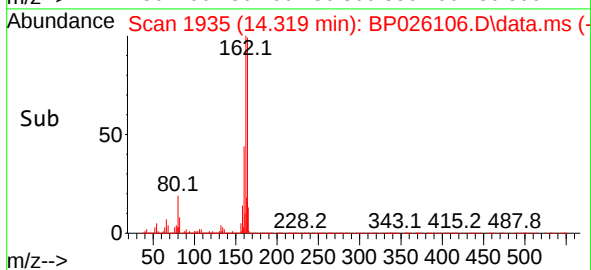
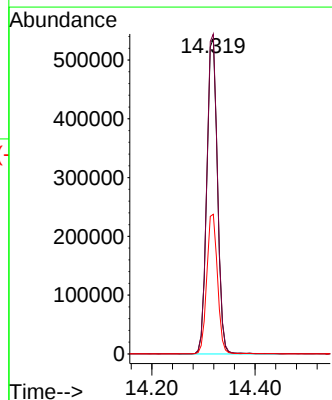
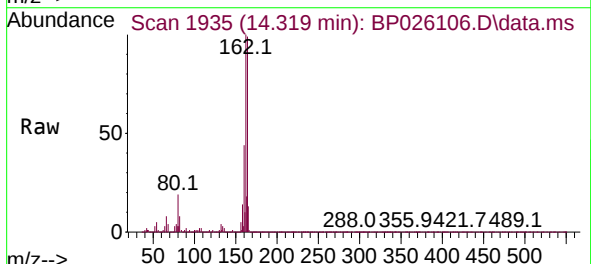
Instrument :
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ClientSampleId :
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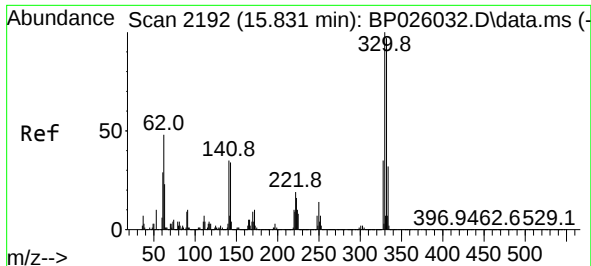
Tgt Ion:122 Resp: 401
Ion Ratio Lower Upper
122 100
105 84.8 104.8 144.8#
77 173.2 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026106.D
Acq: 12 Nov 2025 01:47

Tgt Ion:164 Resp: 766392
Ion Ratio Lower Upper
164 100
162 101.5 81.5 122.3
160 44.3 36.2 54.4

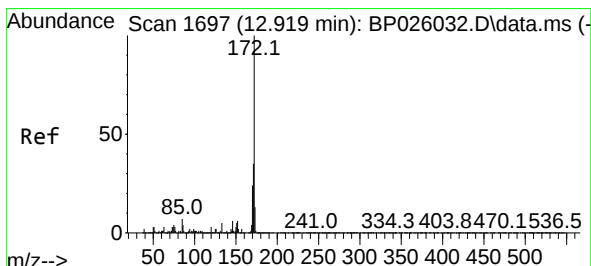
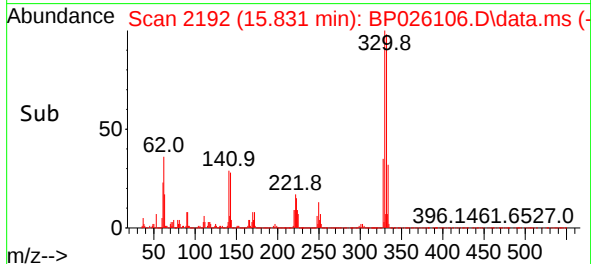
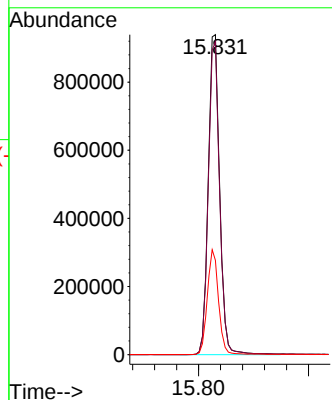
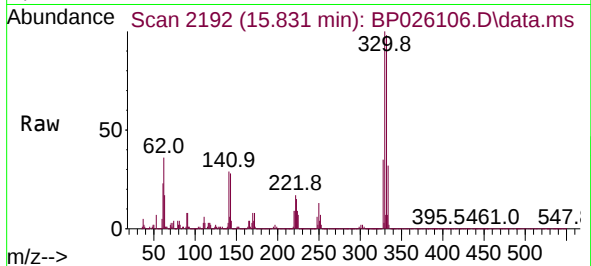




#42
2,4,6-Tribromophenol
Concen: 163.582 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026106.D
Acq: 12 Nov 2025 01:47

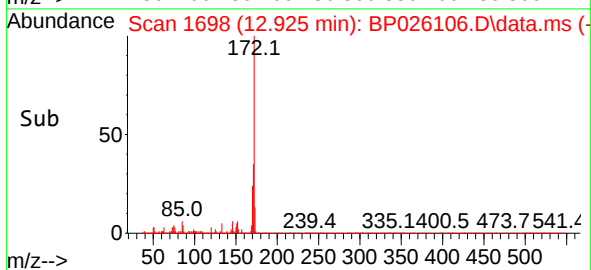
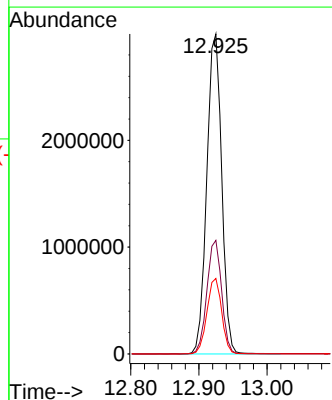
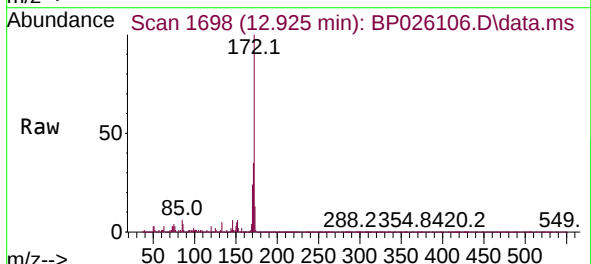
Instrument :
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ClientSampleId :
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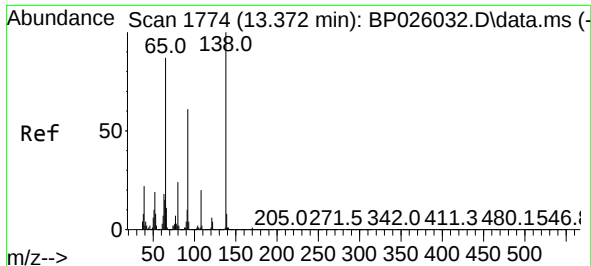
Tgt Ion:330 Resp: 1355354
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 32.2 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 85.380 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026106.D
Acq: 12 Nov 2025 01:47

Tgt Ion:172 Resp: 4553804
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.6 19.0 28.4

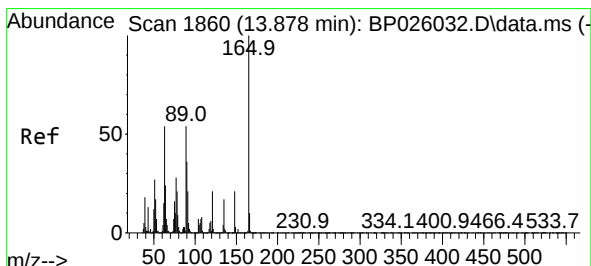
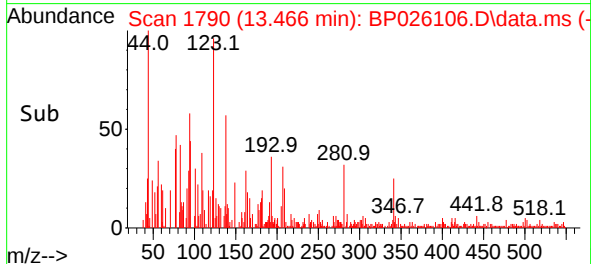
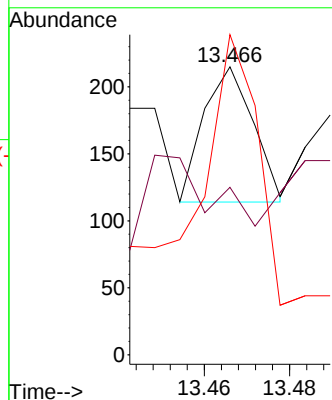
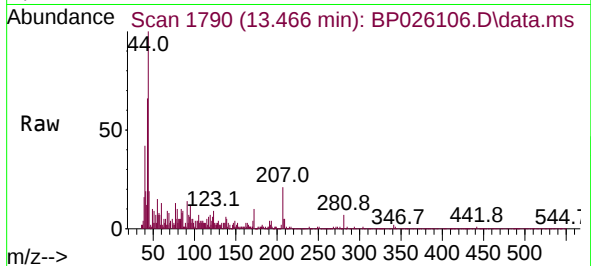




#48
2-Nitroaniline
Concen: 2.916 ng
RT: 13.466 min Scan# 11
Delta R.T. 0.088 min
Lab File: BP026106.D
Acq: 12 Nov 2025 01:47

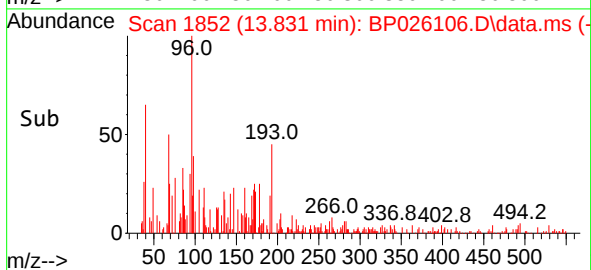
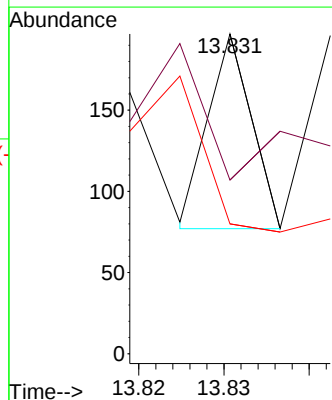
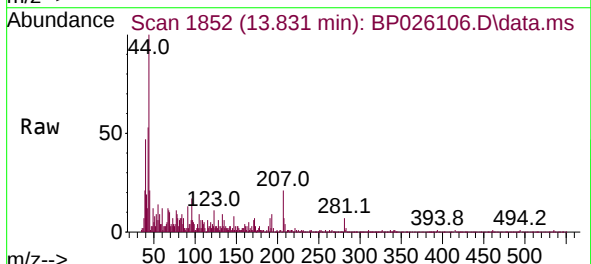
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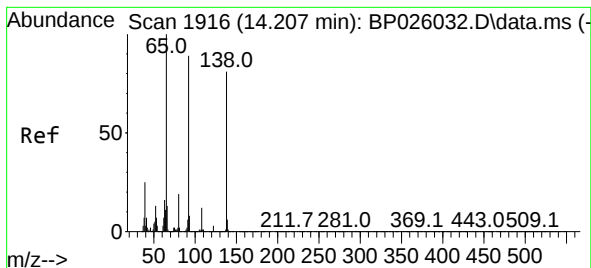
Tgt Ion: 65 Resp: 82
Ion Ratio Lower Upper
65 100
92 58.1 55.5 83.3
138 111.2 91.7 137.5



#51
2,6-Dinitrotoluene
Concen: 2.995 ng
RT: 13.831 min Scan# 1852
Delta R.T. -0.047 min
Lab File: BP026106.D
Acq: 12 Nov 2025 01:47

Tgt Ion: 165 Resp: 42
Ion Ratio Lower Upper
165 100
63 54.3 43.0 64.4
89 40.6 43.0 64.4#





#53

3-Nitroaniline

Concen: 2.646 ng

RT: 14.195 min Scan# 1916

Delta R.T. -0.012 min

Lab File: BP026106.D

Acq: 12 Nov 2025 01:47

Instrument :

BNA_P

ClientSampleId :

TP-3

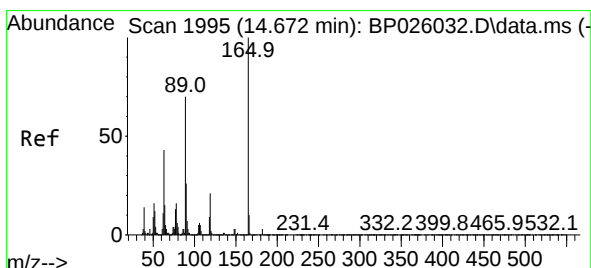
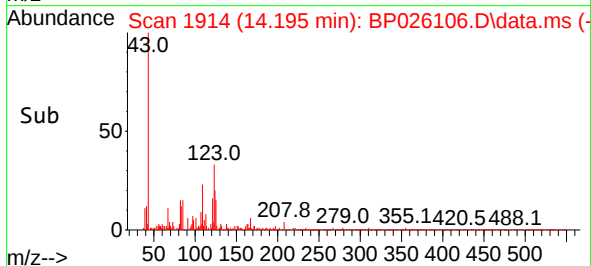
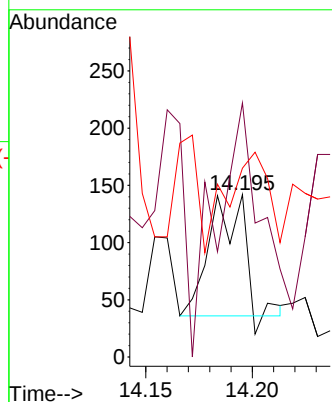
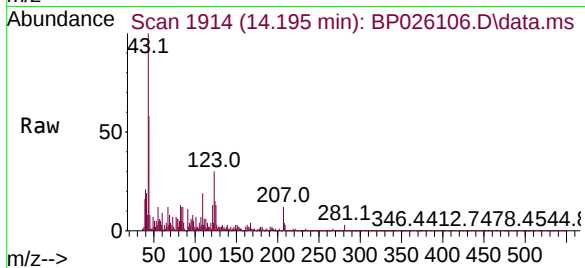
Tgt Ion:138 Resp: 119

Ion Ratio Lower Upper

138 100

108 156.3 11.4 17.0#

92 116.2 87.1 130.7



#57

2,4-Dinitrotoluene

Concen: 3.092 ng

RT: 14.695 min Scan# 1999

Delta R.T. 0.017 min

Lab File: BP026106.D

Acq: 12 Nov 2025 01:47

Tgt Ion:165 Resp: 85

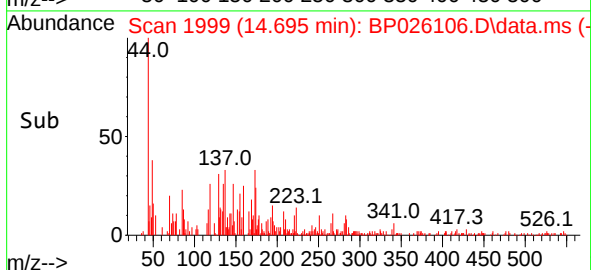
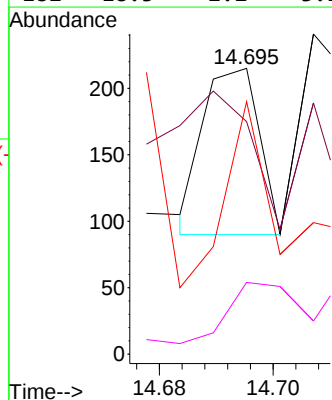
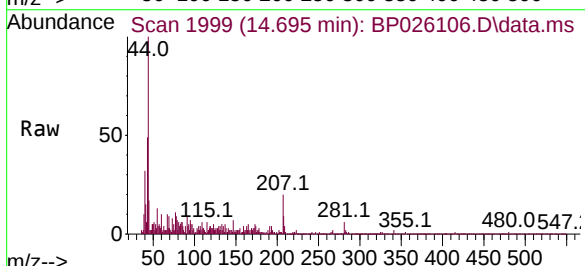
Ion Ratio Lower Upper

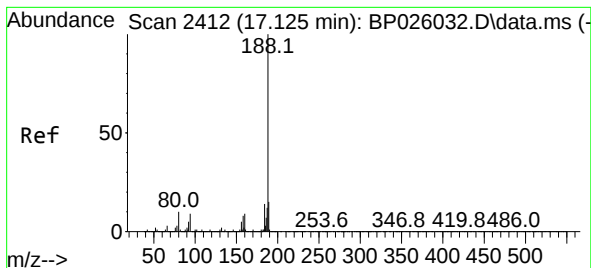
165 100

63 59.3 34.2 51.2#

89 64.4 56.0 84.0

182 18.3 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.119 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BP026106.D

Acq: 12 Nov 2025 01:47

Instrument :

BNA_P

ClientSampleId :

TP-3

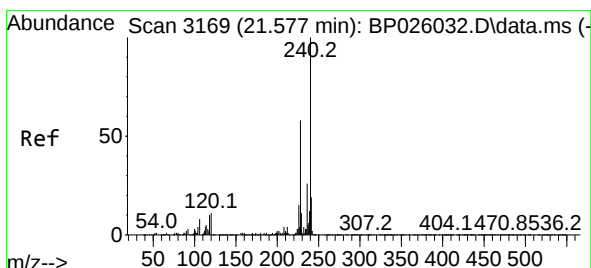
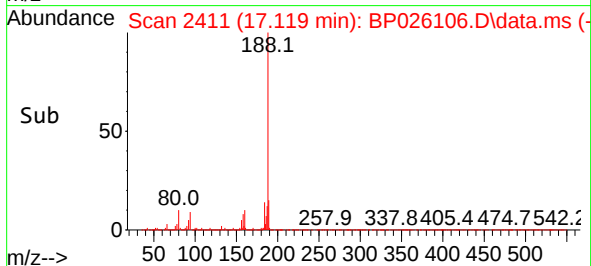
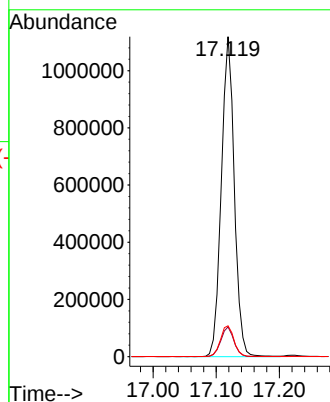
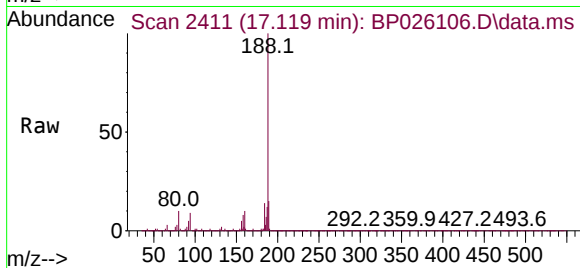
Tgt Ion:188 Resp: 1592594

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 9.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.571 min Scan# 3168

Delta R.T. 0.006 min

Lab File: BP026106.D

Acq: 12 Nov 2025 01:47

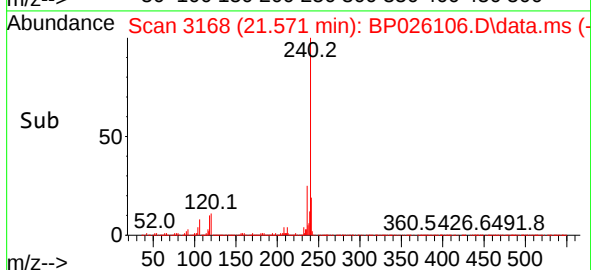
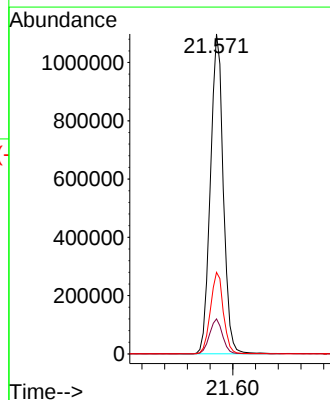
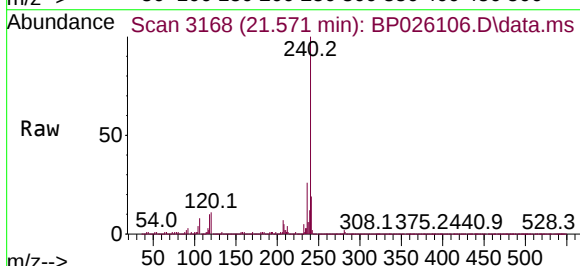
Tgt Ion:240 Resp: 1733799

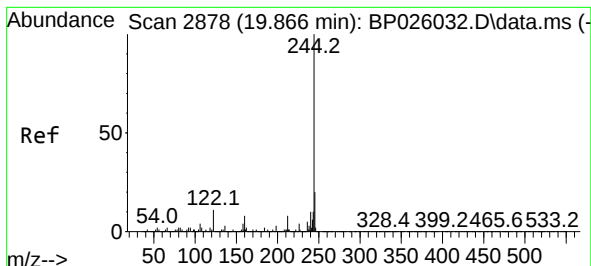
Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 86.339 ng

RT: 19.866 min Scan# 2878

Delta R.T. 0.000 min

Lab File: BP026106.D

Acq: 12 Nov 2025 01:47

Instrument :

BNA_P

ClientSampleId :

TP-3

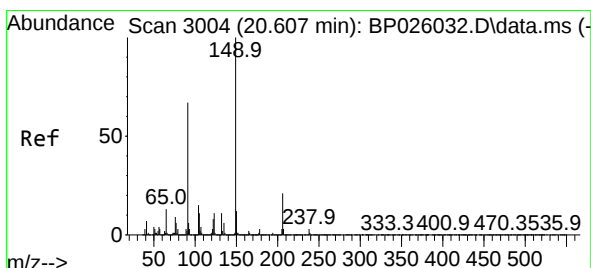
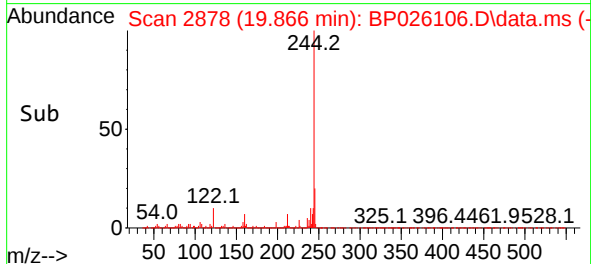
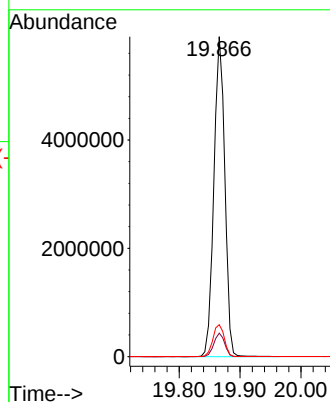
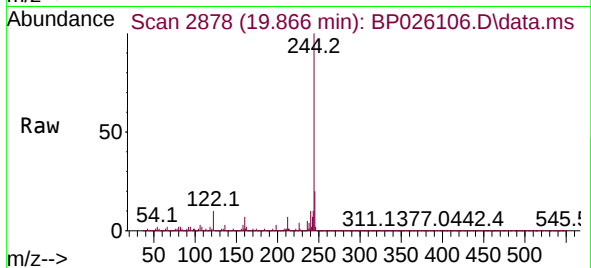
Tgt Ion:244 Resp: 7368024

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.0 9.0 13.6



#80

Butylbenzylphthalate

Concen: 3.409 ng

RT: 20.613 min Scan# 3005

Delta R.T. 0.006 min

Lab File: BP026106.D

Acq: 12 Nov 2025 01:47

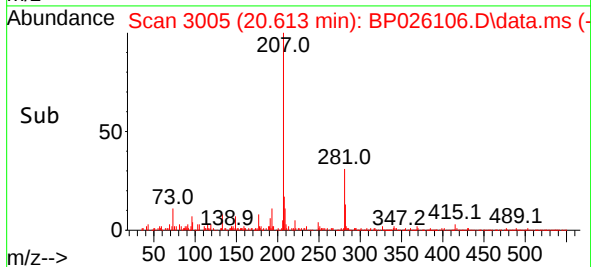
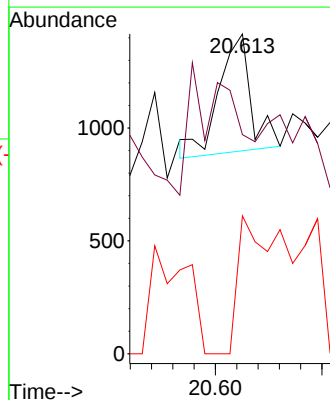
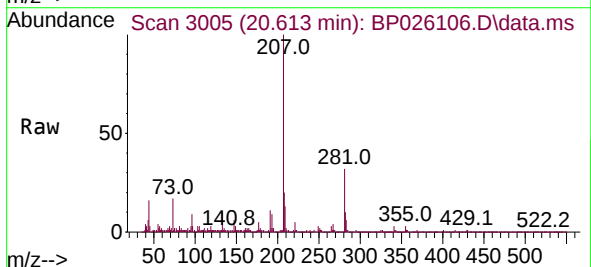
Tgt Ion:149 Resp: 544

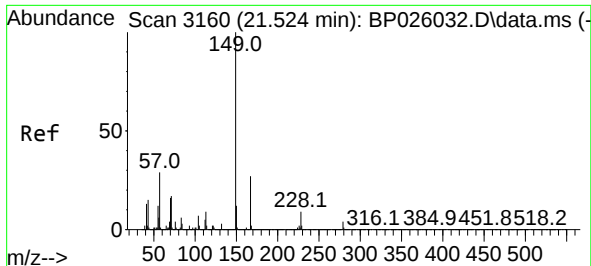
Ion Ratio Lower Upper

149 100

91 68.5 53.5 80.3

206 43.1 16.6 25.0#

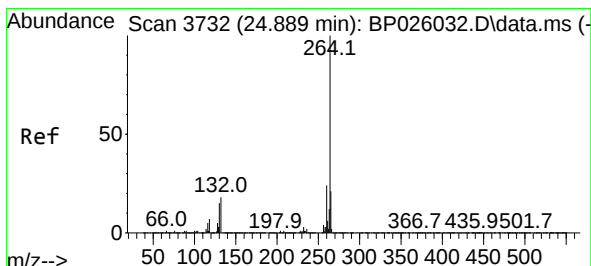
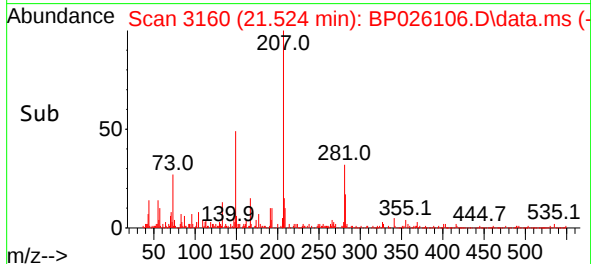
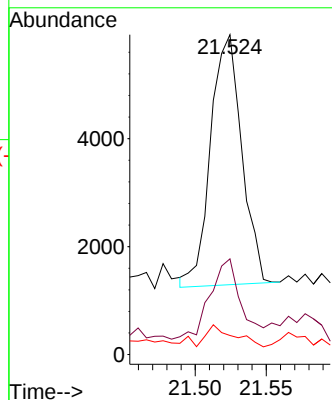
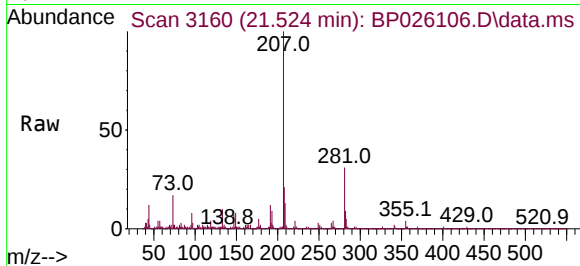




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.693 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026106.D
Acq: 12 Nov 2025 01:47

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:149 Resp: 7087
Ion Ratio Lower Upper
149 100
167 29.9 21.5 32.3
279 6.0 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3734
Delta R.T. 0.018 min
Lab File: BP026106.D
Acq: 12 Nov 2025 01:47

Tgt Ion:264 Resp: 1337412
Ion Ratio Lower Upper
264 100
260 25.5 19.1 28.7
265 21.2 17.2 25.8

