

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026102.D
 Acq On : 11 Nov 2025 23:02
 Operator : RC/JU
 Sample : Q3581-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-238

Quant Time: Nov 12 01:49:26 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)

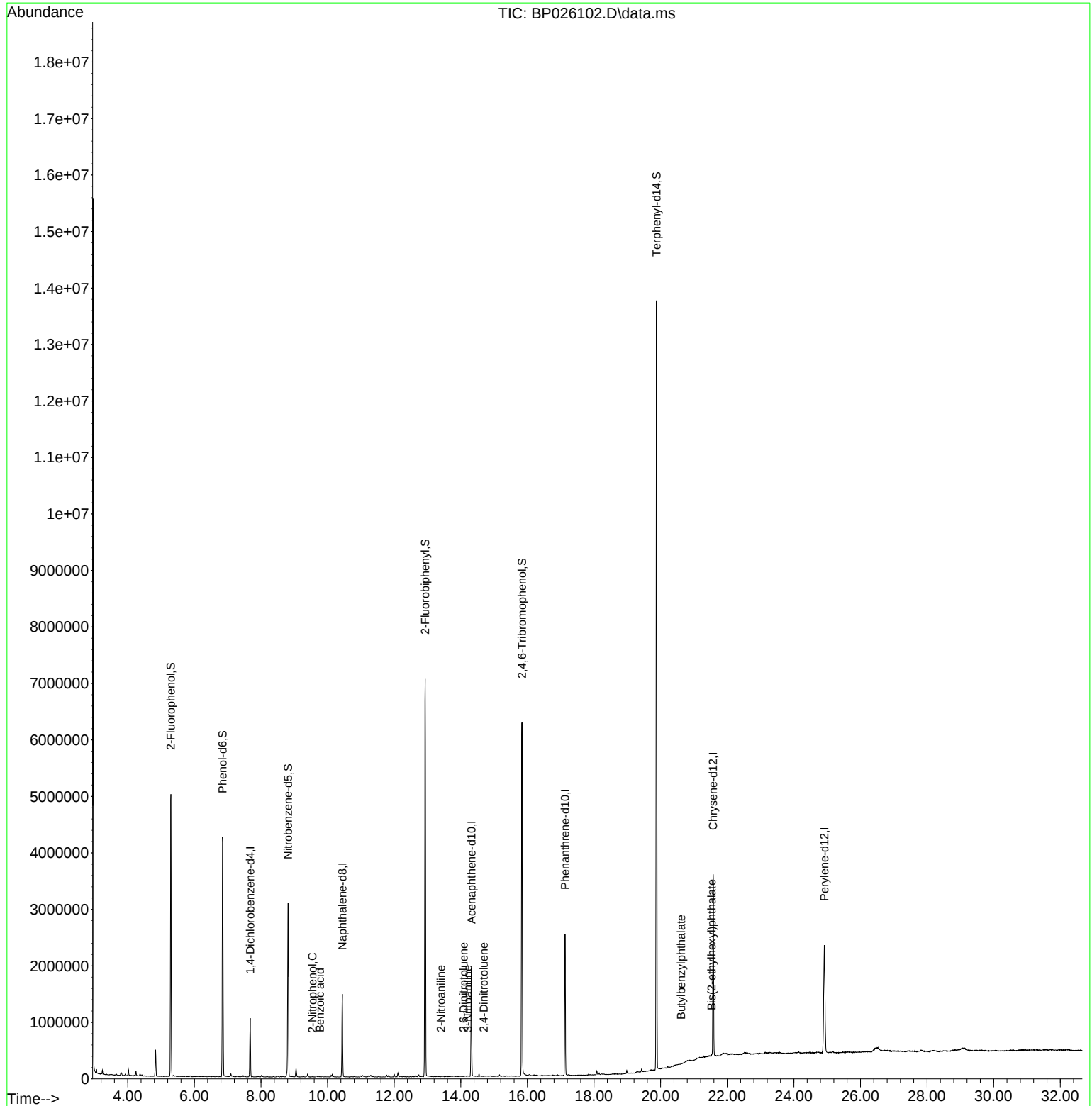
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	294393	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1146514	20.000	ng	-0.01
39) Acenaphthene-d10	14.319	164	727719	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1555771	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1786386	20.000	ng	0.01
86) Perylene-d12	24.913	264	1921689	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2256116	126.457	ng	0.00
7) Phenol-d6	6.849	99	2631116	115.867	ng	0.00
23) Nitrobenzene-d5	8.813	82	1729166	94.021	ng	-0.01
42) 2,4,6-Tribromophenol	15.837	330	1337959	170.065	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	4188097	82.696	ng	0.00
79) Terphenyl-d14	19.878	244	7656221	87.075	ng	0.01
Target Compounds						Qvalue
26) 2-Nitrophenol	9.543	139	104	2.691	ng	# 1
32) Benzoic acid	9.772	122	158	3.136	ng	# 49
48) 2-Nitroaniline	13.407	65	103	2.918	ng	# 35
51) 2,6-Dinitrotoluene	14.090	165	141	3.004	ng	94
53) 3-Nitroaniline	14.213	138	253	2.658	ng	# 59
57) 2,4-Dinitrotoluene	14.690	165	196	3.099	ng	# 62
80) Butylbenzylphthalate	20.619	149	1770	3.433	ng	96
84) Bis(2-ethylhexyl)phtha...	21.530	149	10752	2.738	ng	# 94

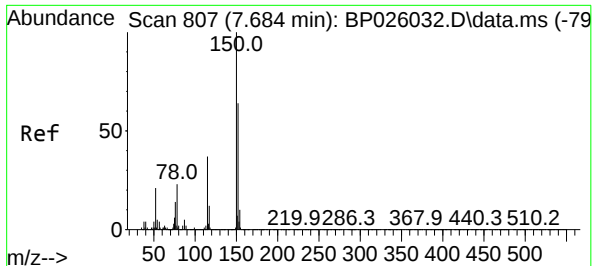
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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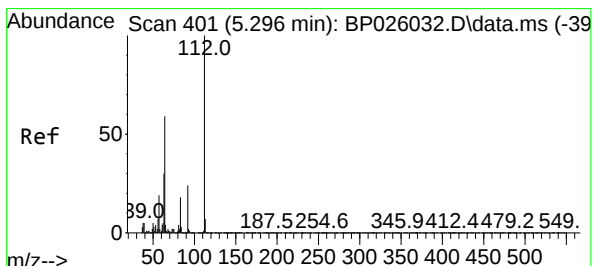
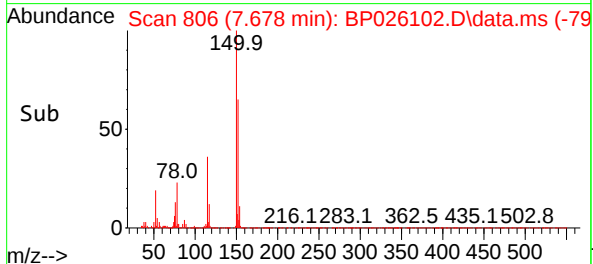
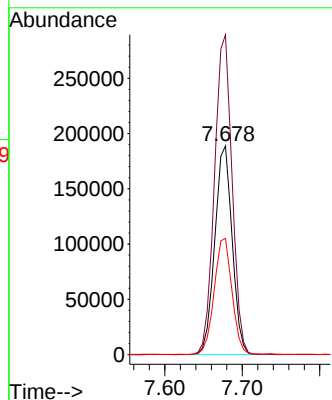
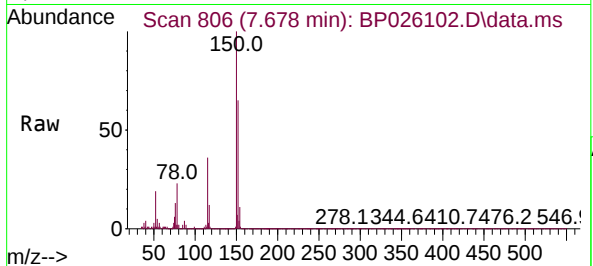




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 807
Delta R.T. -0.012 min
Lab File: BP026102.D
Acq: 11 Nov 2025 23:02

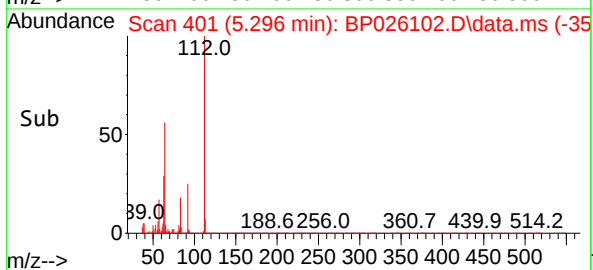
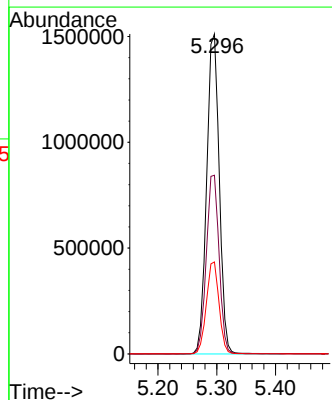
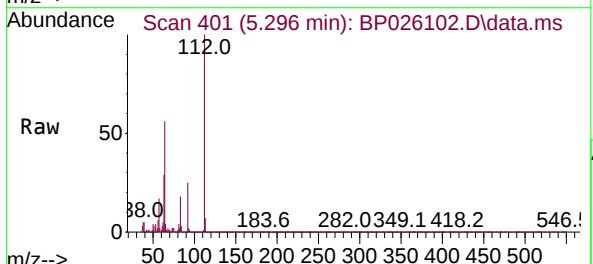
Instrument :
BNA_P
ClientSampleId :
VNJ-238

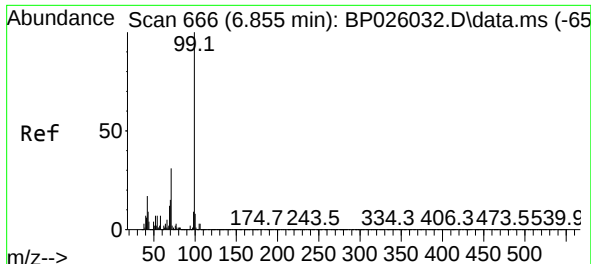
Tgt Ion:152 Resp: 294393
Ion Ratio Lower Upper
152 100
150 153.4 125.7 188.5
115 55.7 46.4 69.6



#5
2-Fluorophenol
Concen: 126.457 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026102.D
Acq: 11 Nov 2025 23:02

Tgt Ion:112 Resp: 2256116
Ion Ratio Lower Upper
112 100
64 55.8 47.4 71.2
63 28.7 24.2 36.4

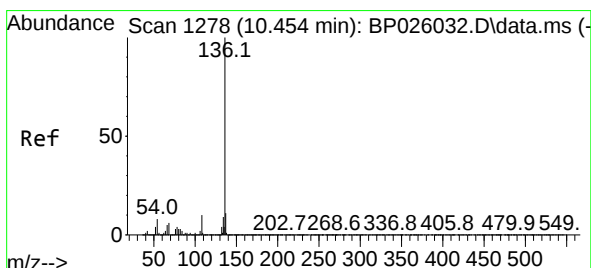
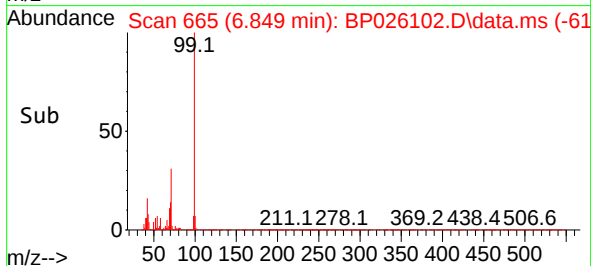
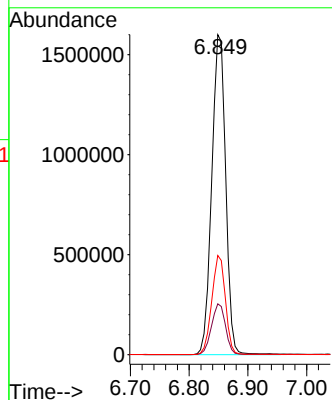
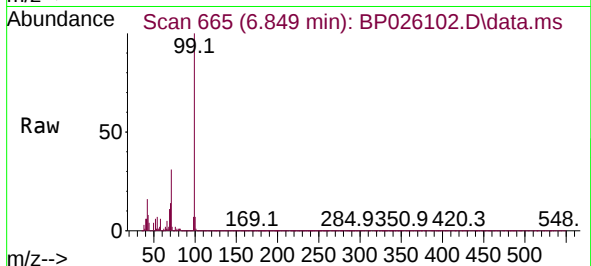




#7
Phenol-d6
Concen: 115.867 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026102.D
Acq: 11 Nov 2025 23:02

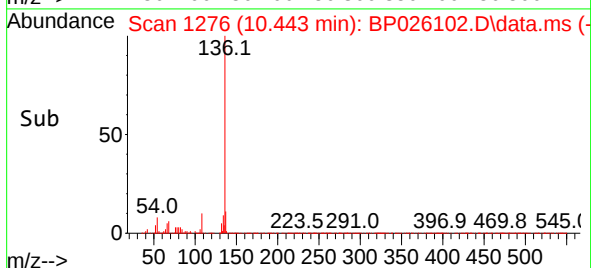
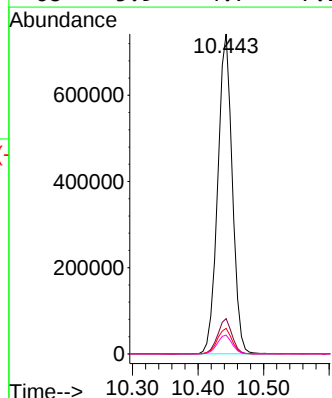
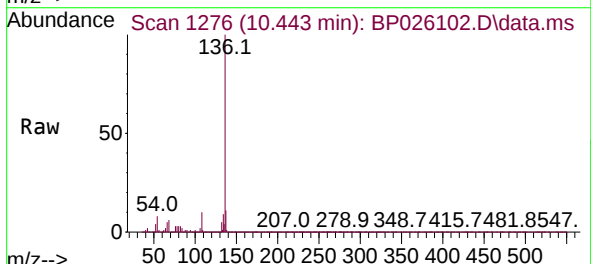
Instrument :
BNA_P
ClientSampleId :
VNJ-238

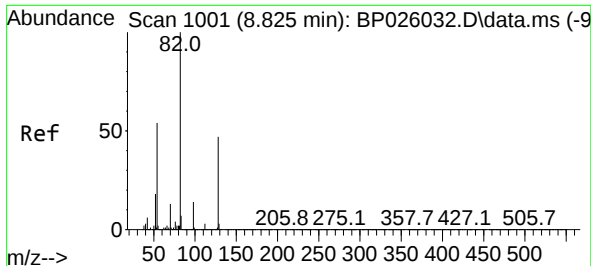
Tgt Ion: 99 Resp: 2631116
Ion Ratio Lower Upper
99 100
42 15.9 13.7 20.5
71 31.0 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026102.D
Acq: 11 Nov 2025 23:02

Tgt Ion:136 Resp: 1146514
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.0 6.6 10.0
68 5.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 94.021 ng

RT: 8.813 min Scan# 99

Delta R.T. -0.011 min

Lab File: BP026102.D

Acq: 11 Nov 2025 23:02

Instrument :

BNA_P

ClientSampleId :

VNJ-238

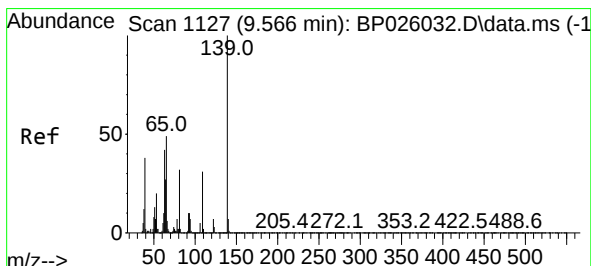
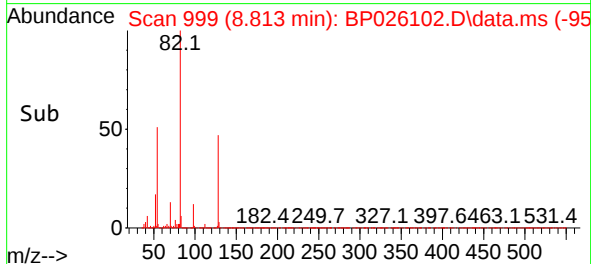
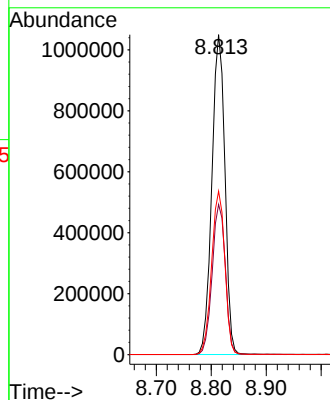
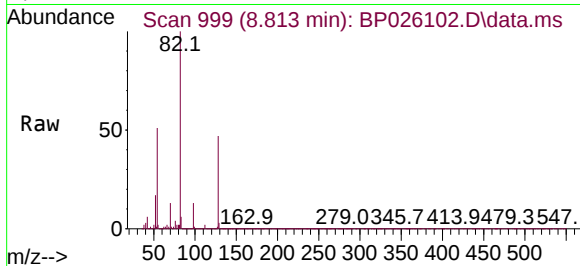
Tgt Ion: 82 Resp: 1729166

Ion Ratio Lower Upper

82 100

128 46.9 37.4 56.0

54 51.1 42.7 64.1



#26

2-Nitrophenol

Concen: 2.691 ng

RT: 9.543 min Scan# 1123

Delta R.T. -0.023 min

Lab File: BP026102.D

Acq: 11 Nov 2025 23:02

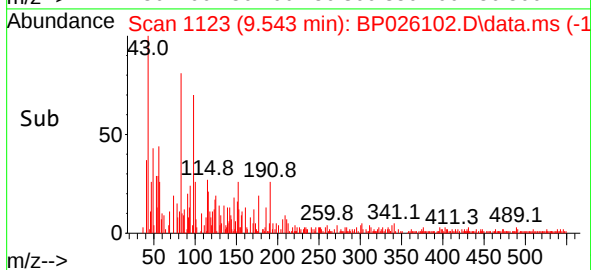
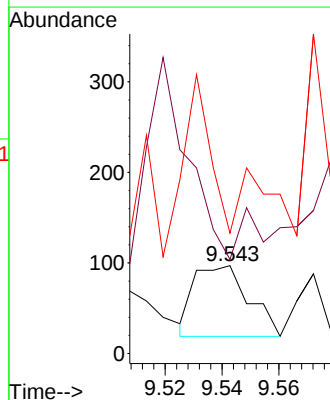
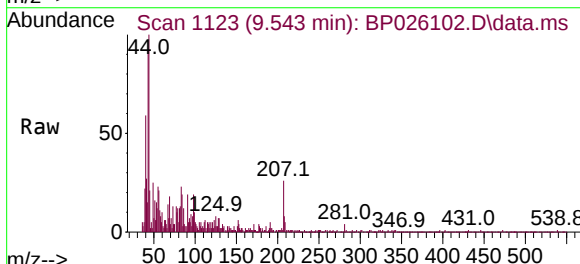
Tgt Ion: 139 Resp: 104

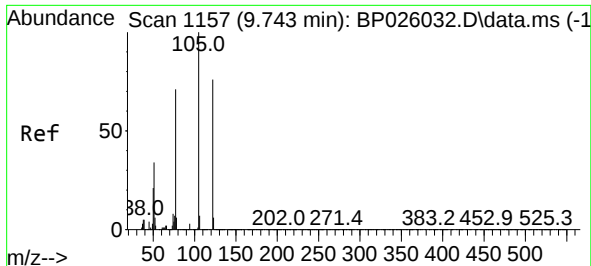
Ion Ratio Lower Upper

139 100

109 107.2 24.8 37.2#

65 137.1 39.0 58.4#

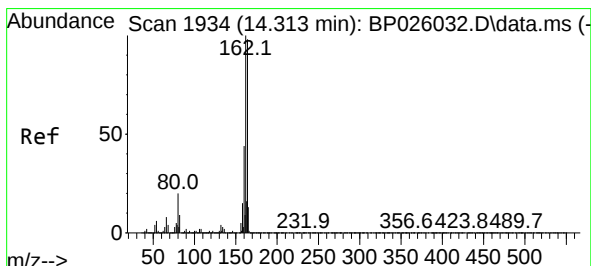
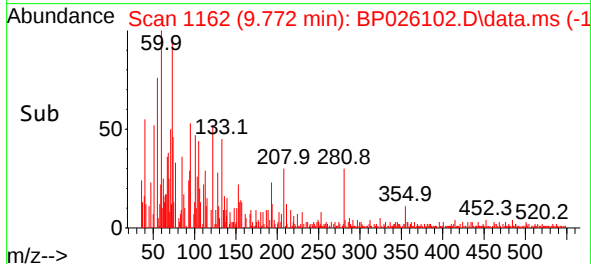
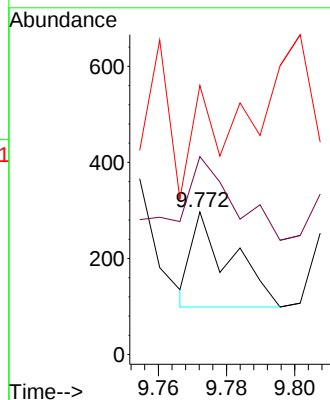
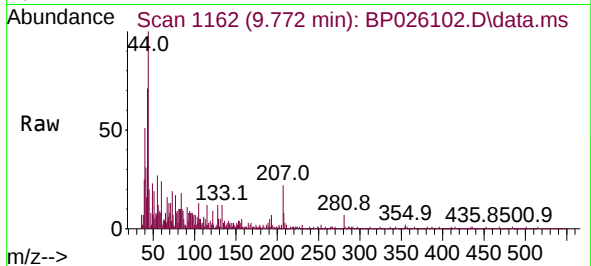




#32
Benzoic acid
Concen: 3.136 ng
RT: 9.772 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP026102.D
Acq: 11 Nov 2025 23:02

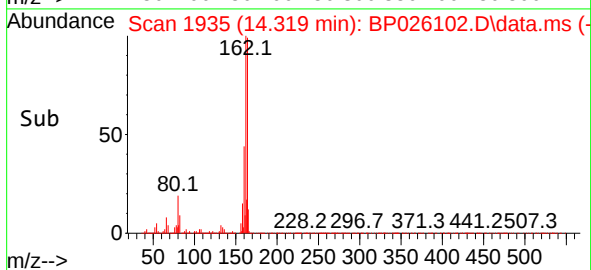
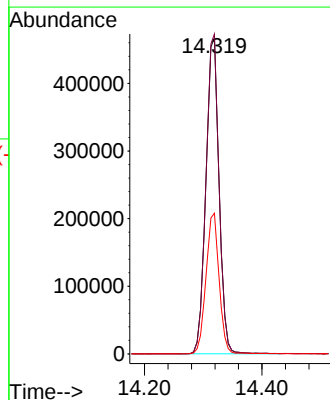
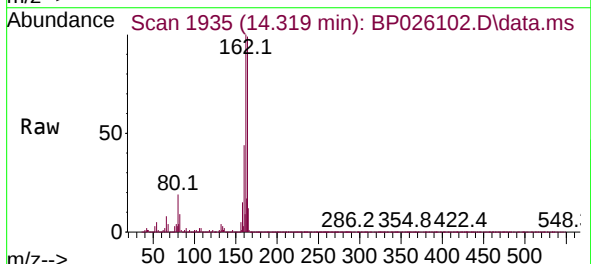
Instrument :
BNA_P
ClientSampleId :
VNJ-238

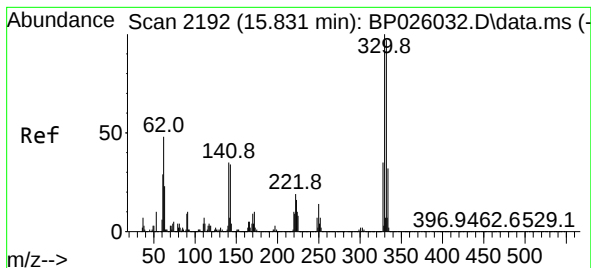
Tgt Ion:122 Resp: 158
Ion Ratio Lower Upper
122 100
105 138.7 104.8 144.8
77 188.6 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026102.D
Acq: 11 Nov 2025 23:02

Tgt Ion:164 Resp: 727719
Ion Ratio Lower Upper
164 100
162 101.3 81.5 122.3
160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 170.065 ng

RT: 15.837 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP026102.D

Acq: 11 Nov 2025 23:02

Instrument :

BNA_P

ClientSampleId :

VNJ-238

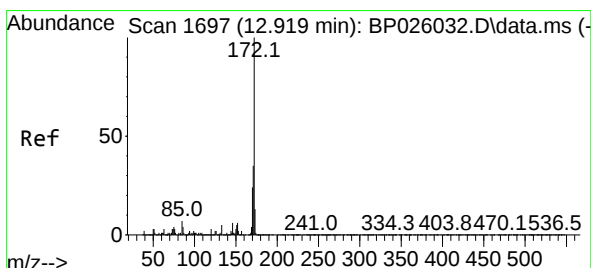
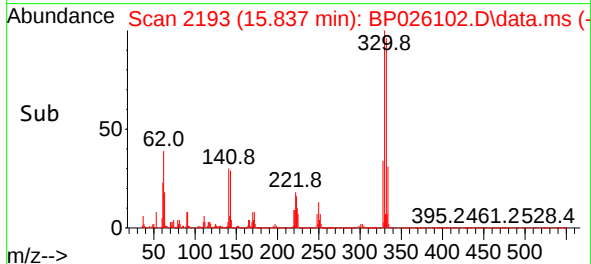
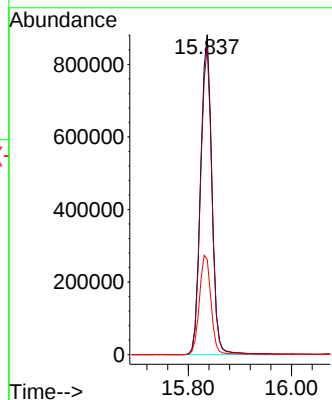
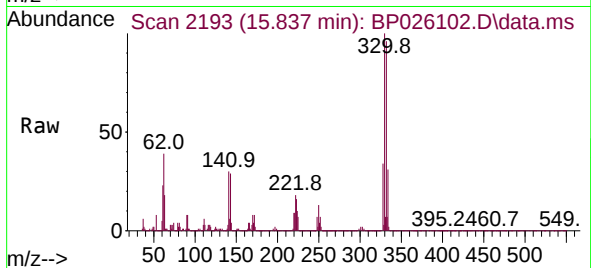
Tgt Ion:330 Resp: 1337959

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 32.0 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 82.696 ng

RT: 12.931 min Scan# 1699

Delta R.T. -0.000 min

Lab File: BP026102.D

Acq: 11 Nov 2025 23:02

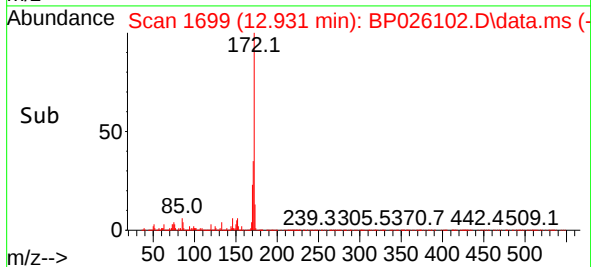
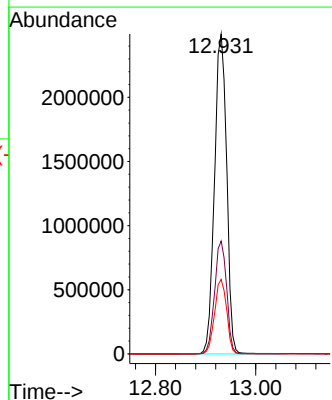
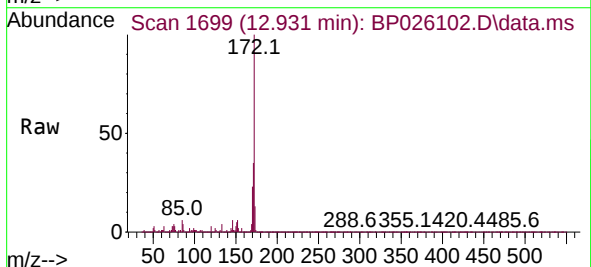
Tgt Ion:172 Resp: 4188097

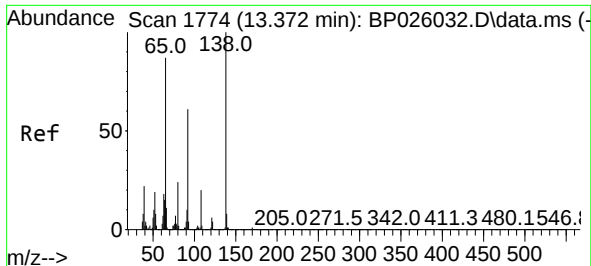
Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 23.3 19.0 28.4

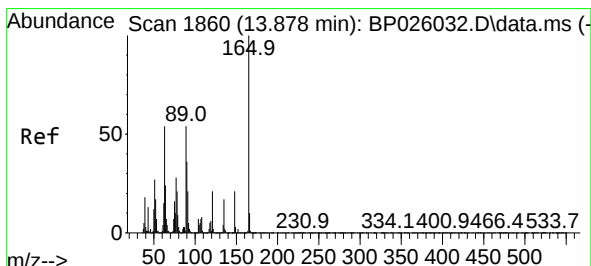
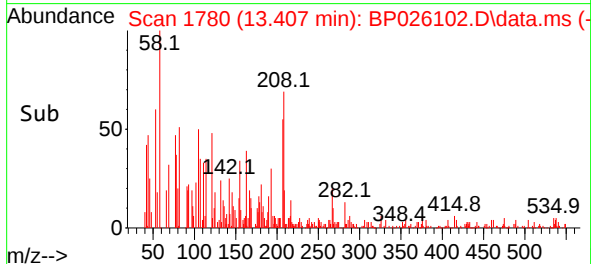
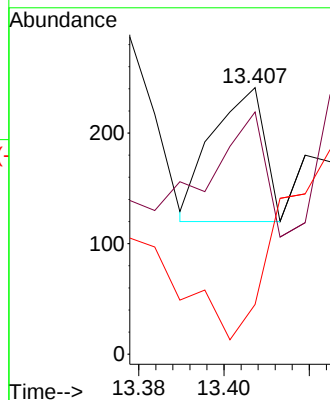
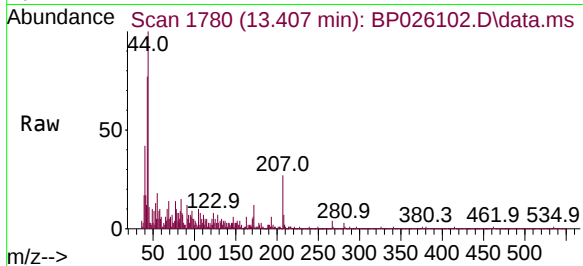




#48
2-Nitroaniline
Concen: 2.918 ng
RT: 13.407 min Scan# 11
Delta R.T. 0.029 min
Lab File: BP026102.D
Acq: 11 Nov 2025 23:02

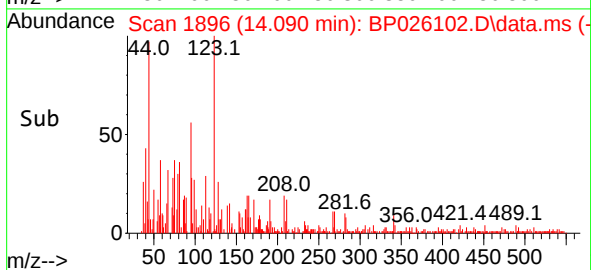
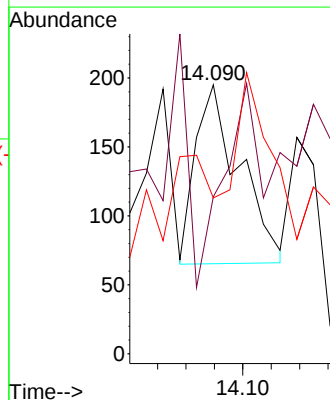
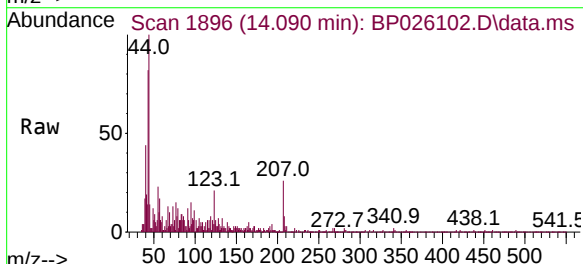
Instrument :
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VNJ-238

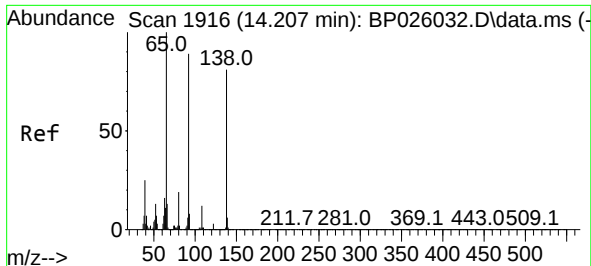
Tgt Ion: 65 Resp: 103
Ion Ratio Lower Upper
65 100
92 90.9 55.5 83.3#
138 18.7 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.004 ng
RT: 14.090 min Scan# 1896
Delta R.T. 0.212 min
Lab File: BP026102.D
Acq: 11 Nov 2025 23:02

Tgt Ion: 165 Resp: 141
Ion Ratio Lower Upper
165 100
63 58.5 43.0 64.4
89 57.9 43.0 64.4

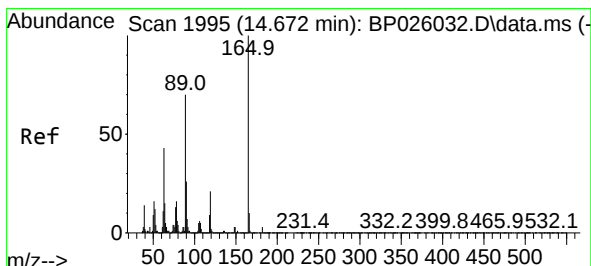
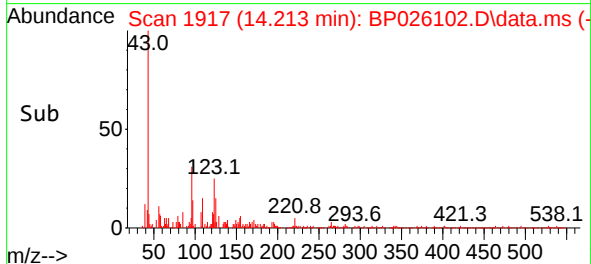
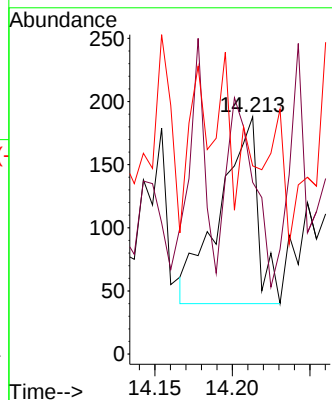
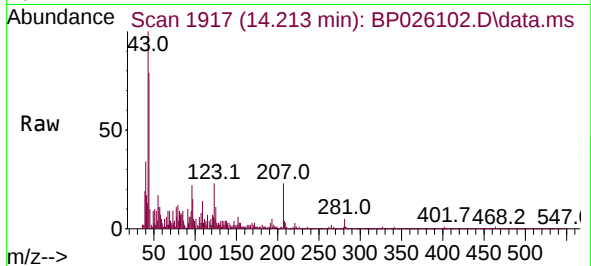




#53
3-Nitroaniline
Concen: 2.658 ng
RT: 14.213 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP026102.D
Acq: 11 Nov 2025 23:02

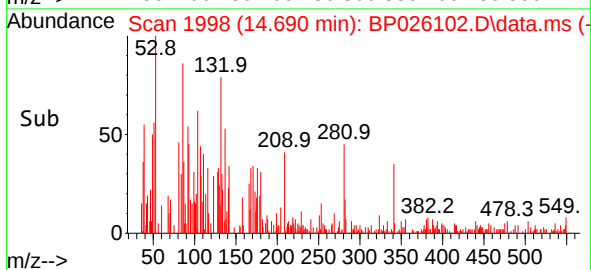
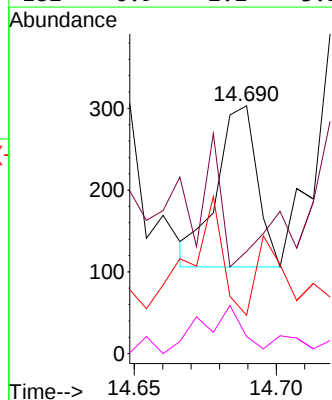
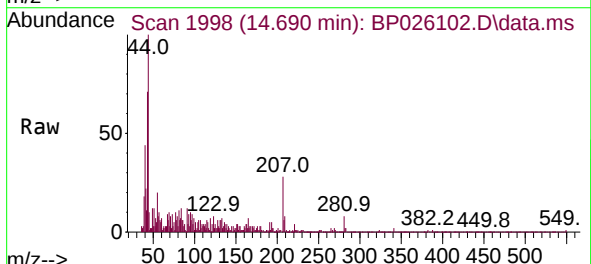
Instrument :
BNA_P
ClientSampleId :
VNJ-238

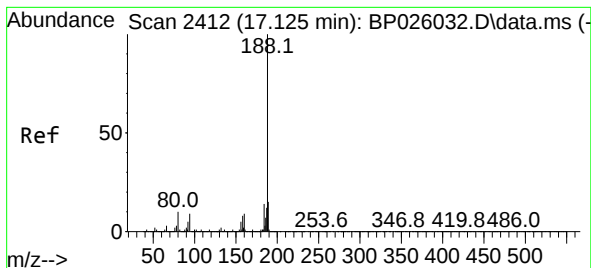
Tgt Ion:138 Resp: 253
Ion Ratio Lower Upper
138 100
108 72.3 11.4 17.0#
92 79.3 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.099 ng
RT: 14.690 min Scan# 1998
Delta R.T. 0.012 min
Lab File: BP026102.D
Acq: 11 Nov 2025 23:02

Tgt Ion:165 Resp: 196
Ion Ratio Lower Upper
165 100
63 41.3 34.2 51.2
89 20.5 56.0 84.0#
182 6.9 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.131 min Scan# 2412

Delta R.T. 0.006 min

Lab File: BP026102.D

Acq: 11 Nov 2025 23:02

Instrument :

BNA_P

ClientSampleId :

VNJ-238

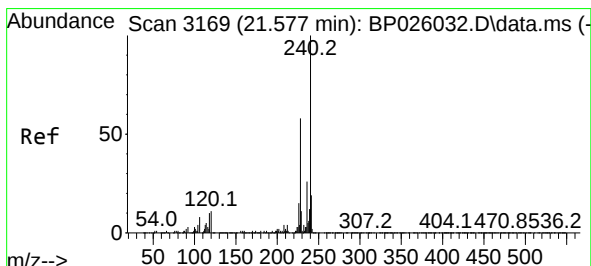
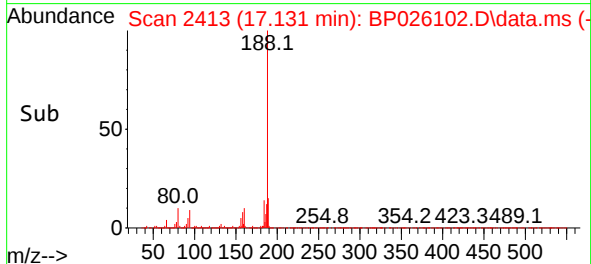
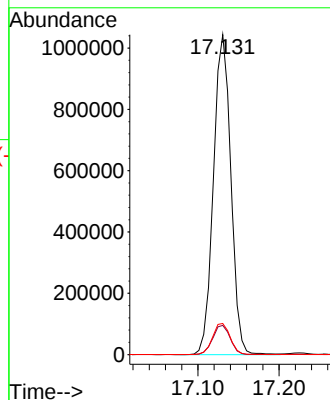
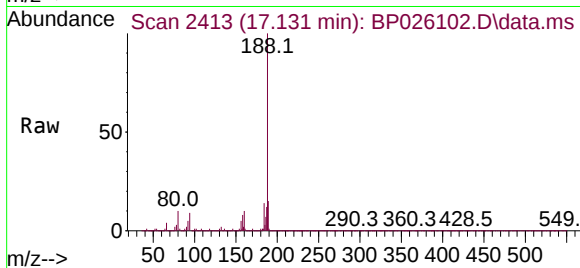
Tgt Ion:188 Resp: 1555771

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

80 9.7 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3169

Delta R.T. 0.012 min

Lab File: BP026102.D

Acq: 11 Nov 2025 23:02

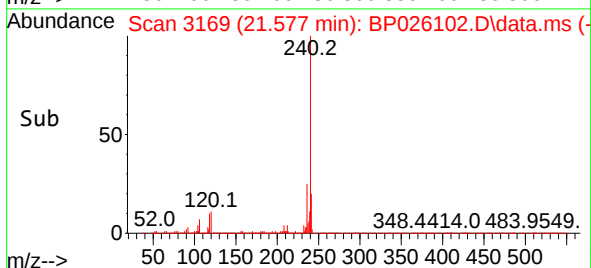
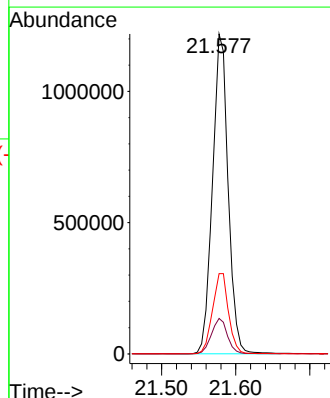
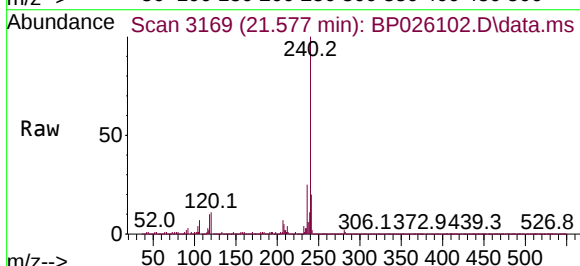
Tgt Ion:240 Resp: 1786386

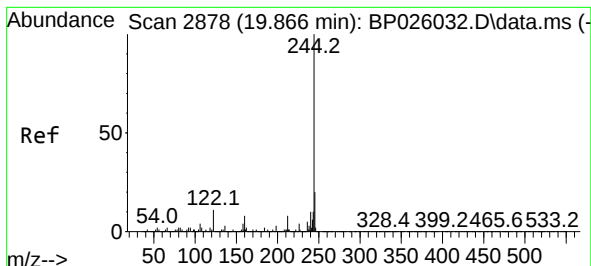
Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 25.1 20.6 31.0





#79

Terphenyl-d14

Concen: 87.075 ng

RT: 19.878 min Scan# 2878

Delta R.T. 0.012 min

Lab File: BP026102.D

Acq: 11 Nov 2025 23:02

Instrument :

BNA_P

ClientSampleId :

VNJ-238

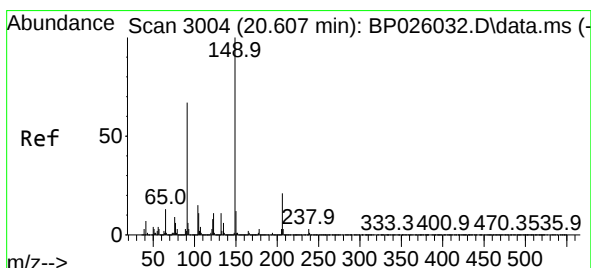
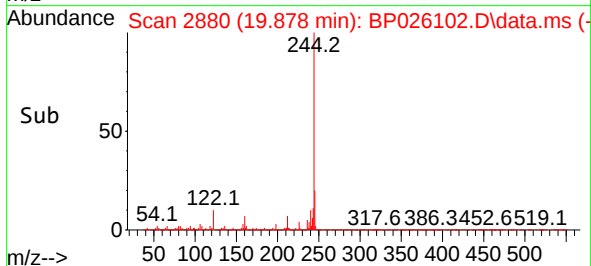
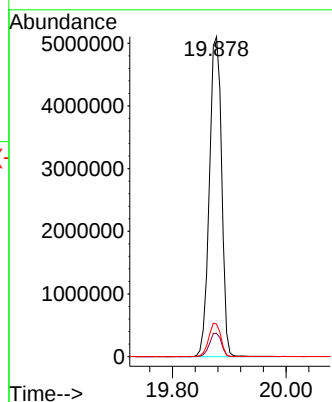
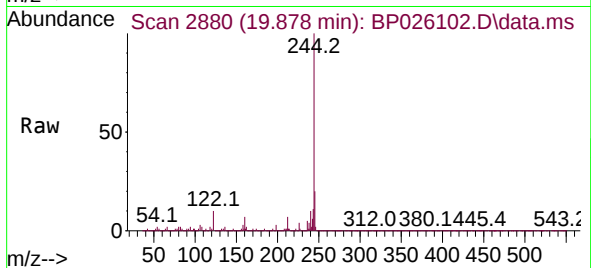
Tgt Ion:244 Resp: 7656221

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.2 9.0 13.6



#80

Butylbenzylphthalate

Concen: 3.433 ng

RT: 20.619 min Scan# 3006

Delta R.T. 0.012 min

Lab File: BP026102.D

Acq: 11 Nov 2025 23:02

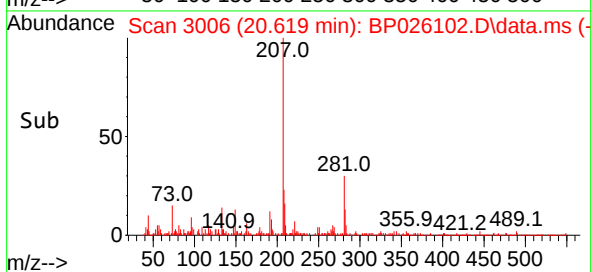
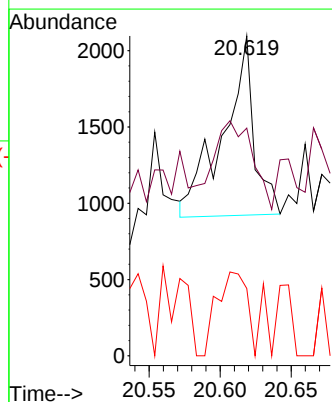
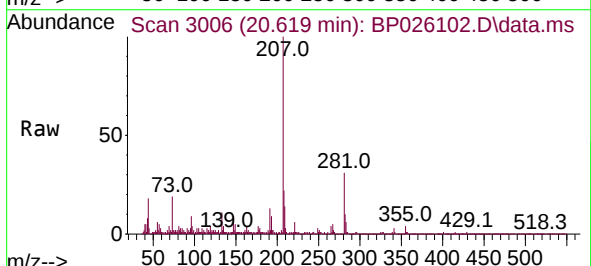
Tgt Ion:149 Resp: 1770

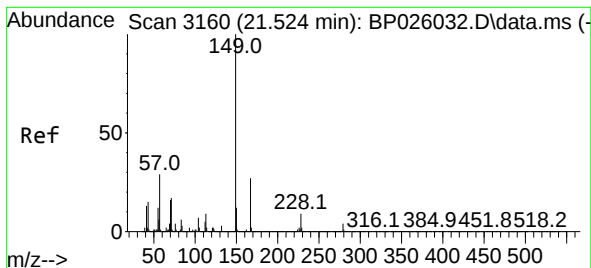
Ion Ratio Lower Upper

149 100

91 71.2 53.5 80.3

206 21.1 16.6 25.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.738 ng

RT: 21.530 min Scan# 3161

Delta R.T. 0.012 min

Lab File: BP026102.D

Acq: 11 Nov 2025 23:02

Instrument :

BNA_P

ClientSampleId :

VNJ-238

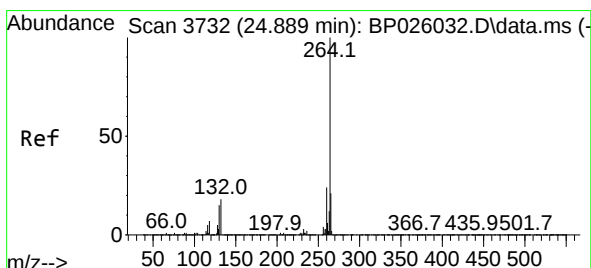
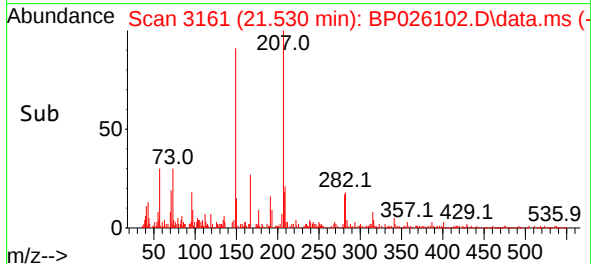
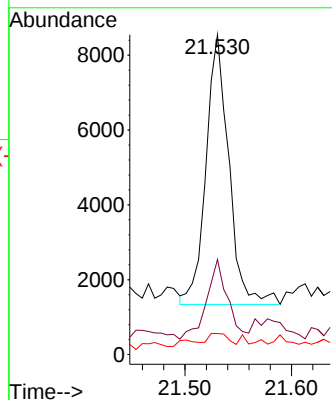
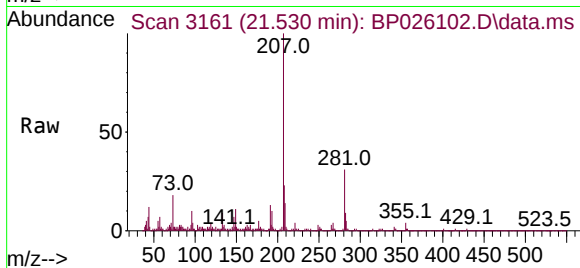
Tgt Ion:149 Resp: 10752

Ion Ratio Lower Upper

149 100

167 29.7 21.5 32.3

279 6.6 3.0 4.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.913 min Scan# 3736

Delta R.T. 0.030 min

Lab File: BP026102.D

Acq: 11 Nov 2025 23:02

Tgt Ion:264 Resp: 1921689

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.8 17.2 25.8

