

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026117.D
 Acq On : 12 Nov 2025 17:58
 Operator : RC/JU
 Sample : Q3597-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Nov 13 01:11:23 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)

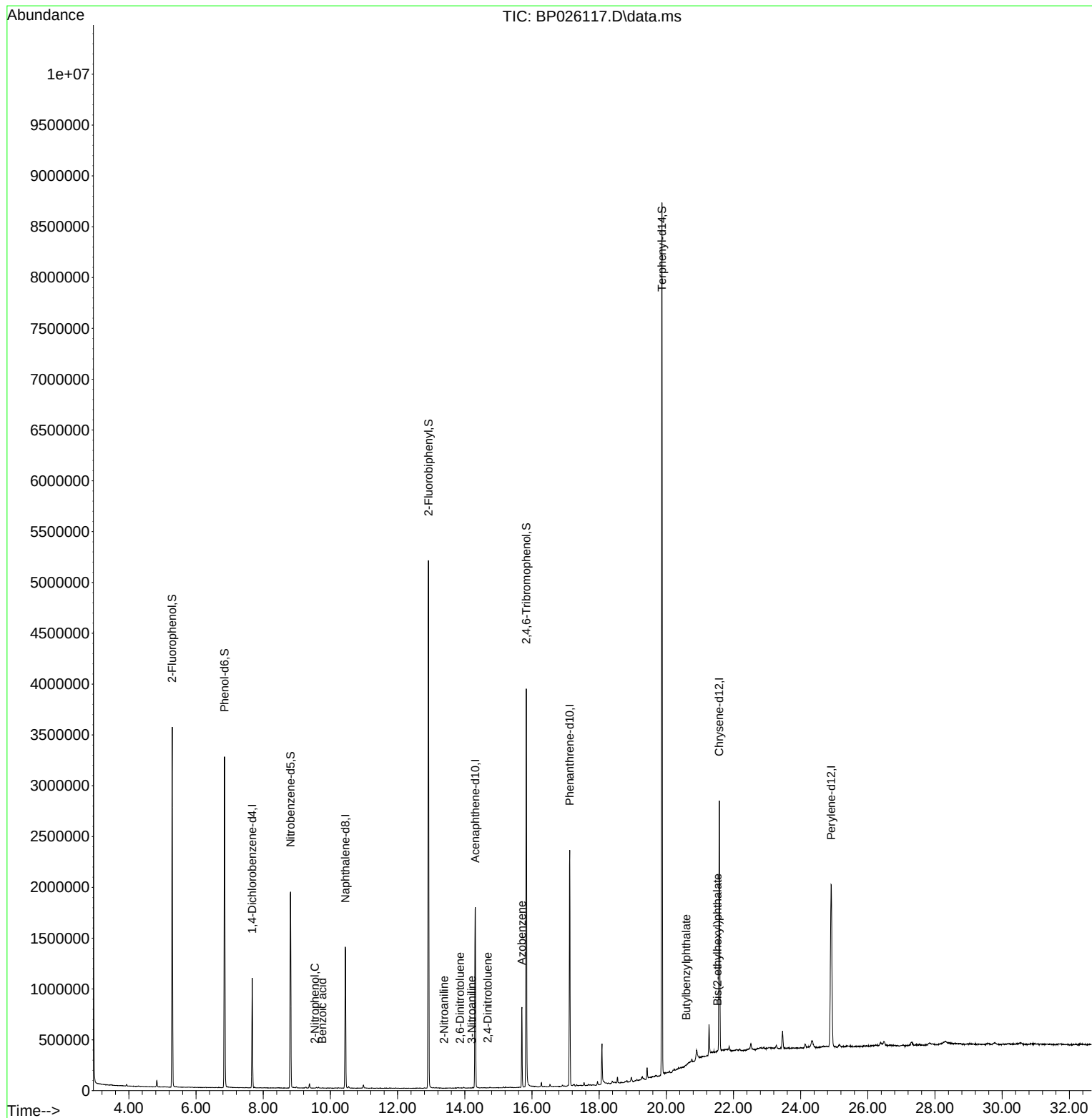
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	302295	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1158763	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	713047	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1488134	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1657488	20.000	ng	0.01
86) Perylene-d12	24.907	264	1875568	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1575009	85.973	ng	0.00
7) Phenol-d6	6.849	99	1937848	83.107	ng	0.00
23) Nitrobenzene-d5	8.813	82	1121015	60.309	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	788619	102.302	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2781569	56.054	ng	-0.01
79) Terphenyl-d14	19.872	244	4555074	55.834	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.537	139	45	2.683	ng	# 1
32) Benzoic acid	9.754	122	49	3.122	ng	# 1
48) 2-Nitroaniline	13.384	65	95	2.918	ng	# 32
51) 2,6-Dinitrotoluene	13.860	165	627	3.052	ng	# 70
53) 3-Nitroaniline	14.207	138	25	2.640	ng	# 30
57) 2,4-Dinitrotoluene	14.684	165	221	3.101	ng	# 63
63) Azobenzene	15.695	77	212067	4.488	ng	# 1
80) Butylbenzylphthalate	20.595	149	1102	3.421	ng	# 68
84) Bis(2-ethylhexyl)phtha...	21.524	149	5842	2.680	ng	# 94

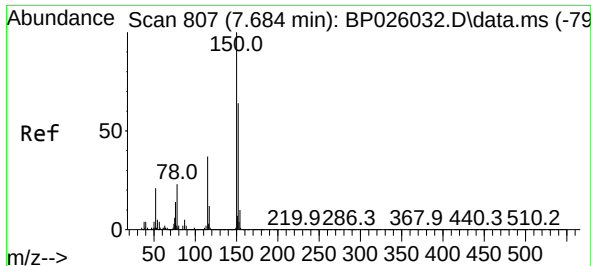
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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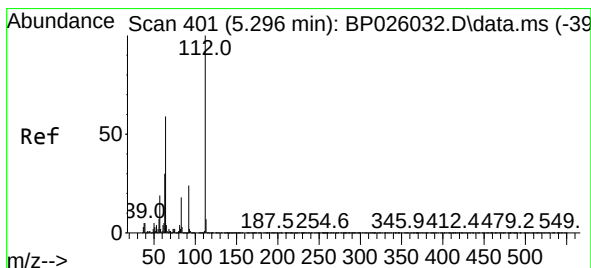
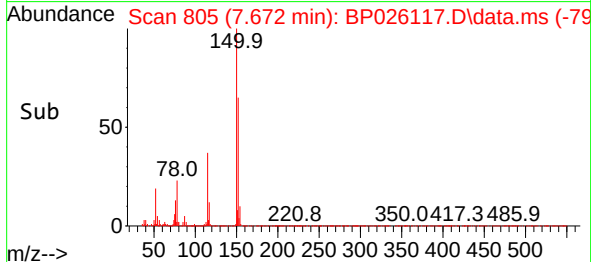
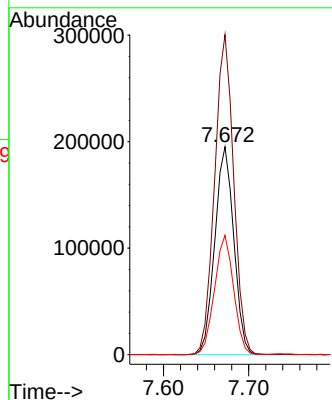
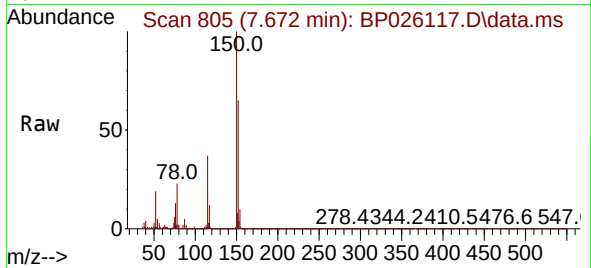




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

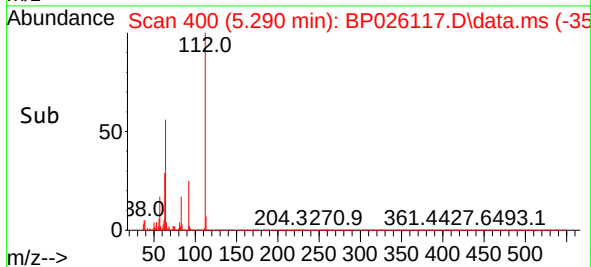
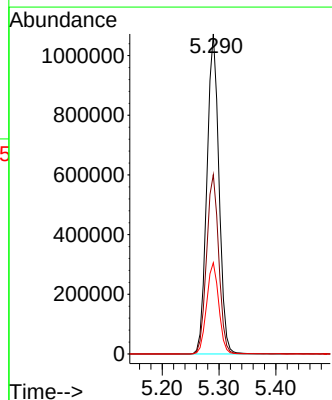
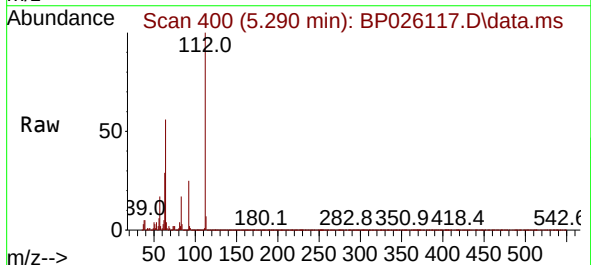
Instrument :
BNA_P
ClientSampleId :
TP-1

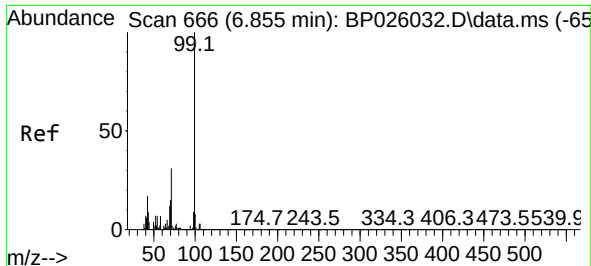
Tgt Ion:152 Resp: 302295
Ion Ratio Lower Upper
152 100
150 154.0 125.7 188.5
115 57.4 46.4 69.6



#5
2-Fluorophenol
Concen: 85.973 ng
RT: 5.290 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

Tgt Ion:112 Resp: 1575009
Ion Ratio Lower Upper
112 100
64 56.0 47.4 71.2
63 28.5 24.2 36.4

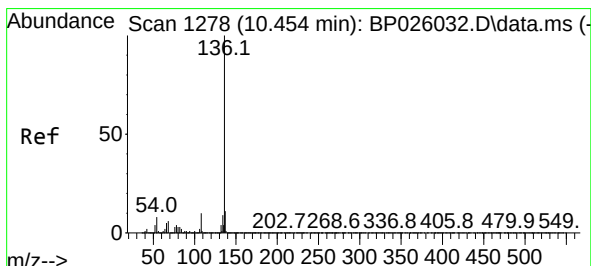
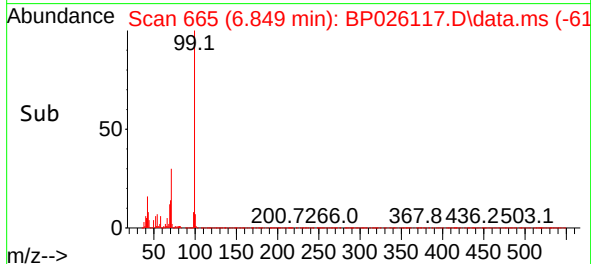
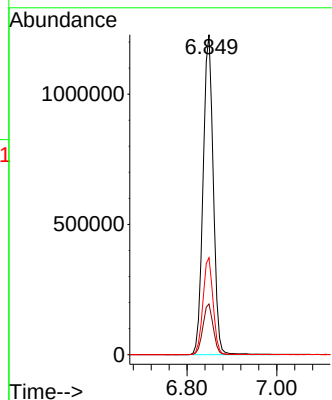
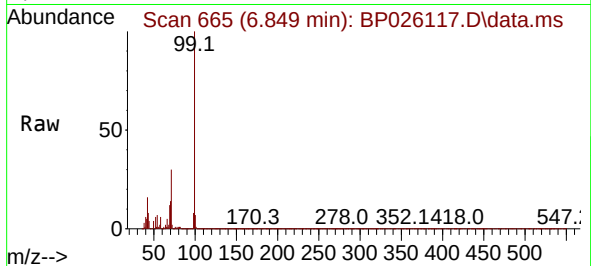




#7
Phenol-d6
Concen: 83.107 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

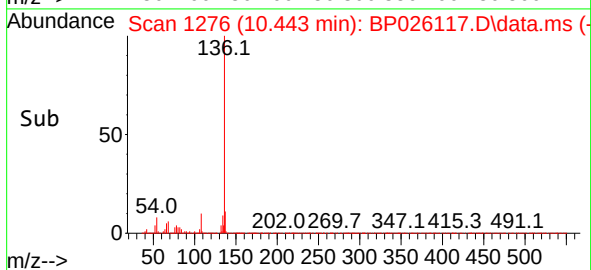
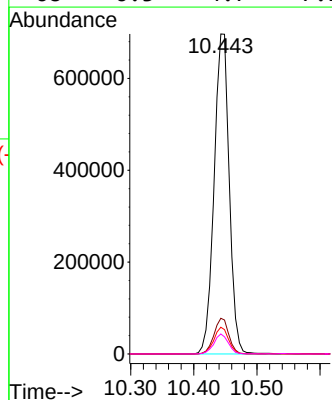
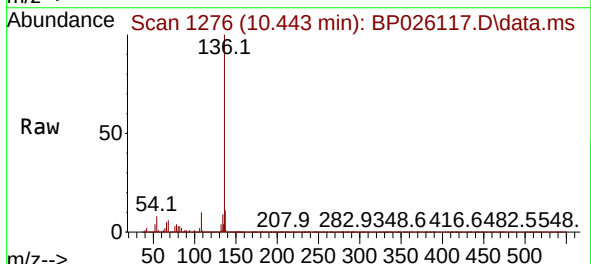
Instrument :
BNA_P
ClientSampleId :
TP-1

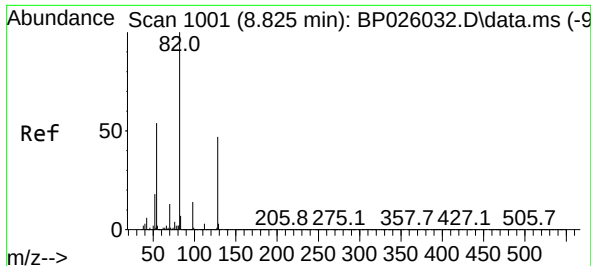
Tgt Ion: 99 Resp: 1937848
Ion Ratio Lower Upper
99 100
42 15.9 13.7 20.5
71 30.3 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

Tgt Ion:136 Resp: 1158763
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 6.6 10.0
68 6.3 4.7 7.1

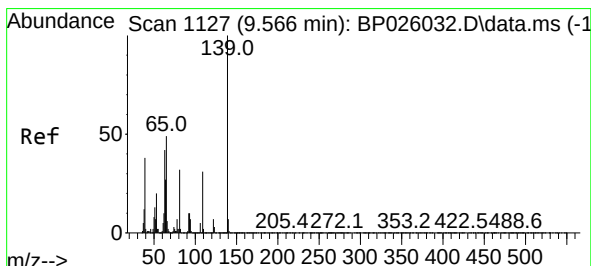
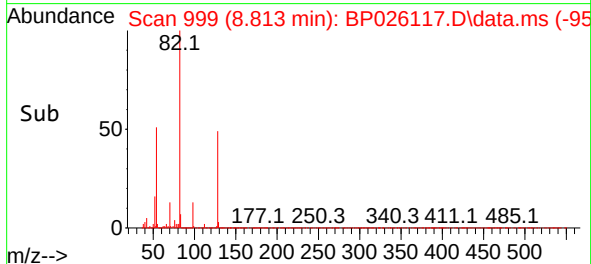
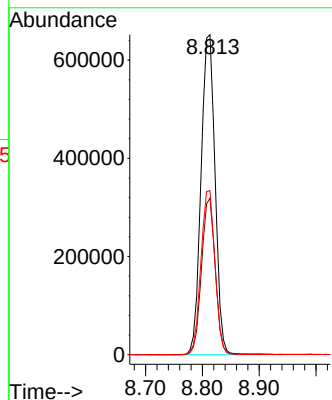
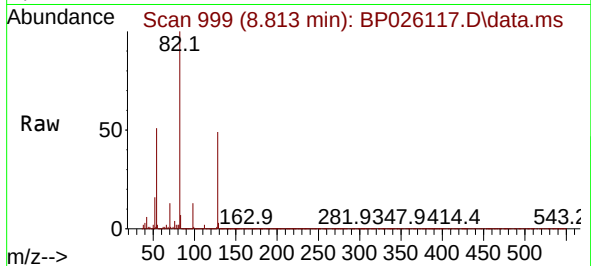




#23
Nitrobenzene-d5
Concen: 60.309 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

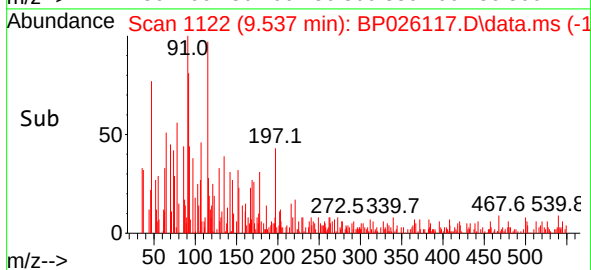
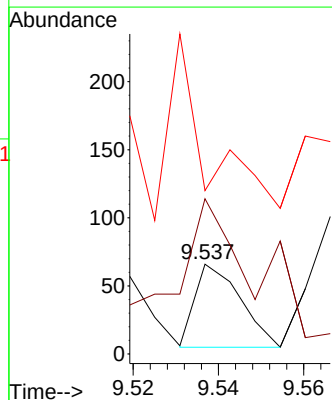
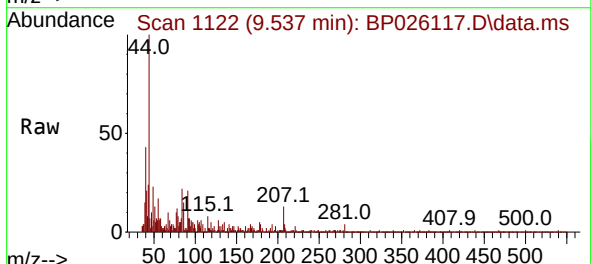
Instrument :
BNA_P
ClientSampleId :
TP-1

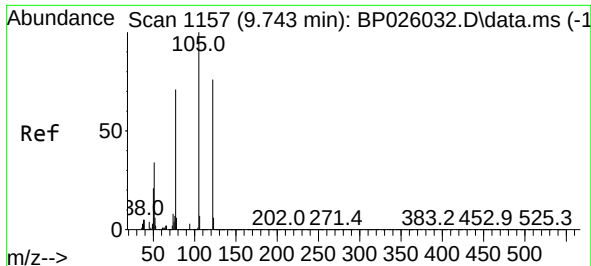
Tgt Ion: 82 Resp: 1121015
Ion Ratio Lower Upper
82 100
128 48.9 37.4 56.0
54 51.3 42.7 64.1



#26
2-Nitrophenol
Concen: 2.683 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.029 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

Tgt Ion:139 Resp: 45
Ion Ratio Lower Upper
139 100
109 172.7 24.8 37.2#
65 181.8 39.0 58.4#

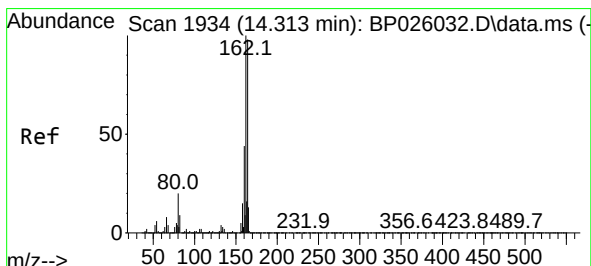
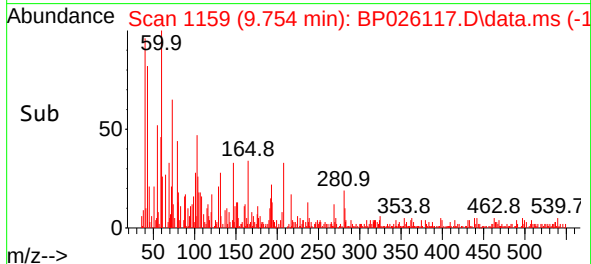
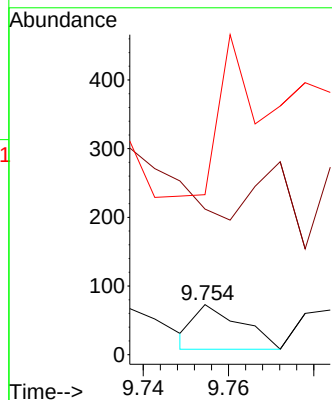
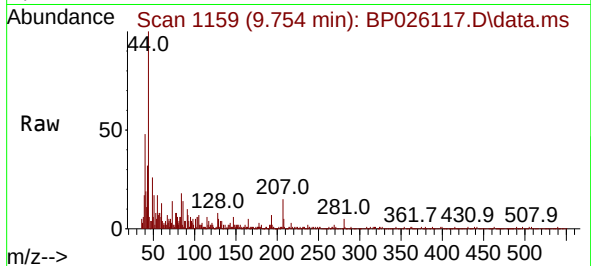




#32
Benzoic acid
Concen: 3.122 ng
RT: 9.754 min Scan# 1157
Delta R.T. -0.024 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

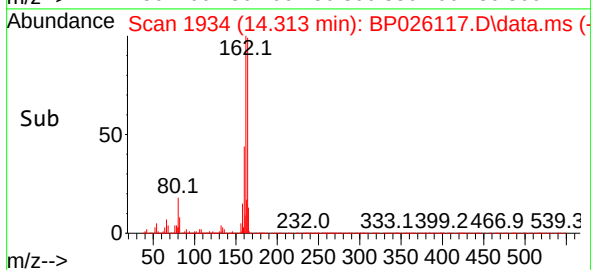
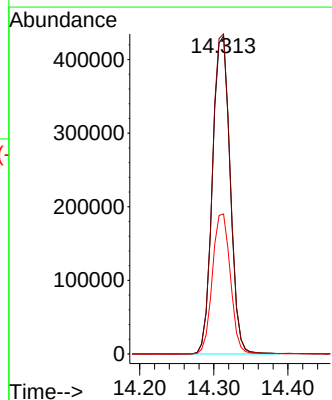
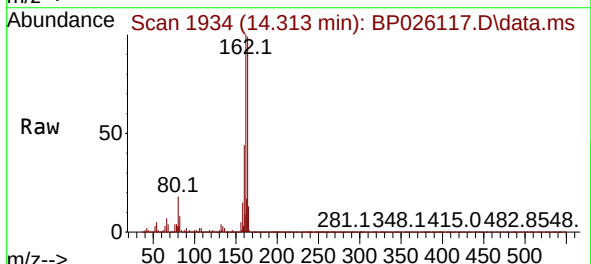
Instrument :
BNA_P
ClientSampleId :
TP-1

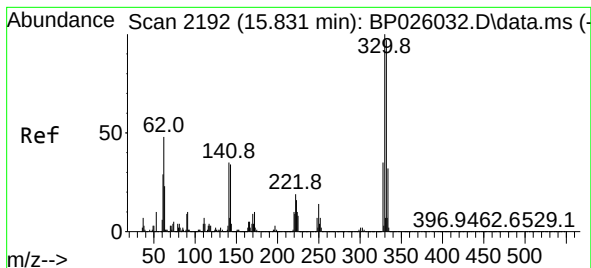
Tgt Ion:122 Resp: 49
Ion Ratio Lower Upper
122 100
105 238.2 104.8 144.8#
77 261.8 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

Tgt Ion:164 Resp: 713047
Ion Ratio Lower Upper
164 100
162 100.6 81.5 122.3
160 44.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 102.302 ng

RT: 15.831 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BP026117.D

Acq: 12 Nov 2025 17:58

Instrument :

BNA_P

ClientSampleId :

TP-1

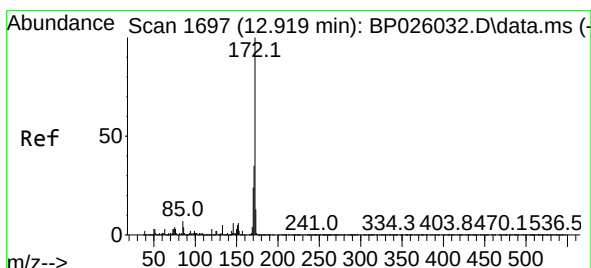
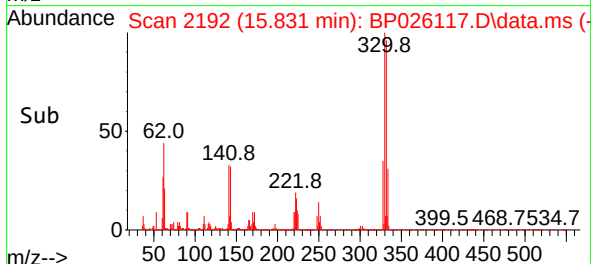
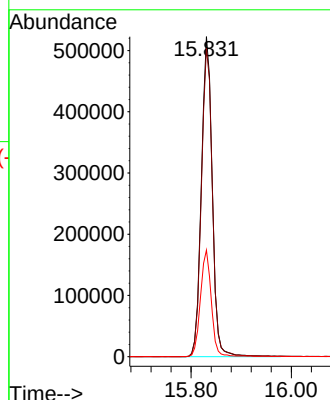
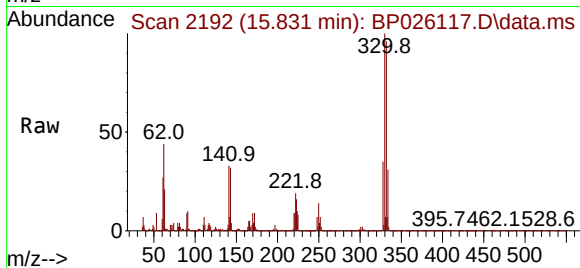
Tgt Ion:330 Resp: 788619

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 33.1 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 56.054 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026117.D

Acq: 12 Nov 2025 17:58

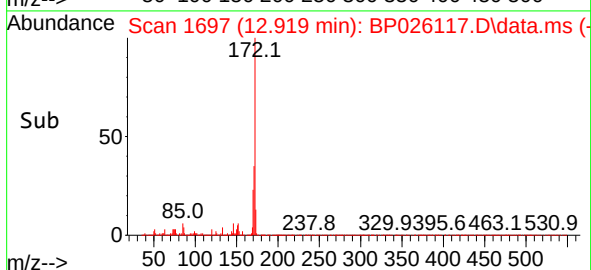
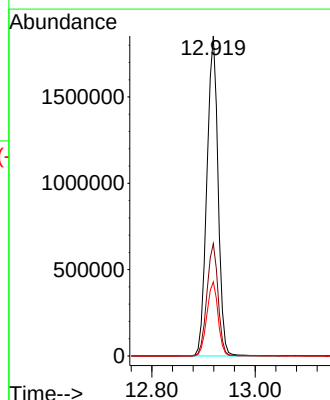
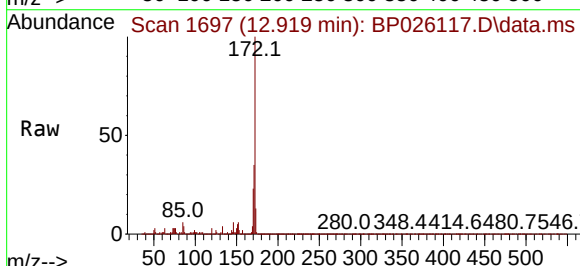
Tgt Ion:172 Resp: 2781569

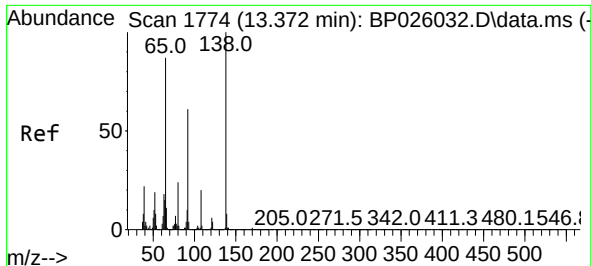
Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.2 19.0 28.4

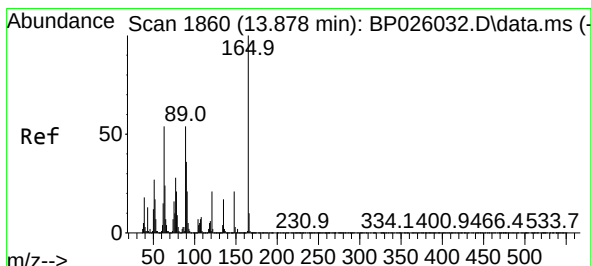
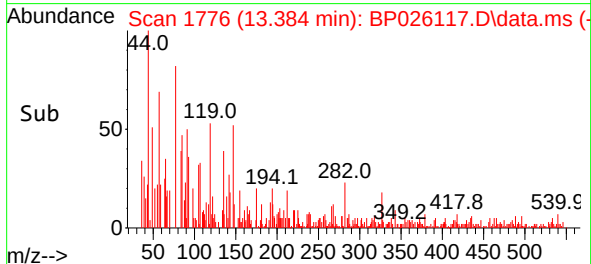
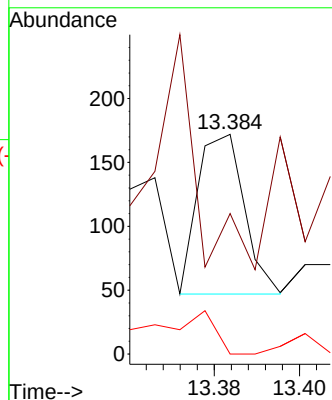
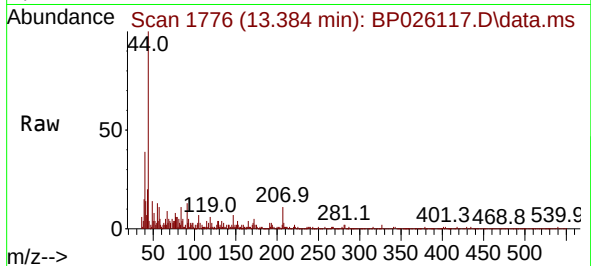




#48
2-Nitroaniline
Concen: 2.918 ng
RT: 13.384 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

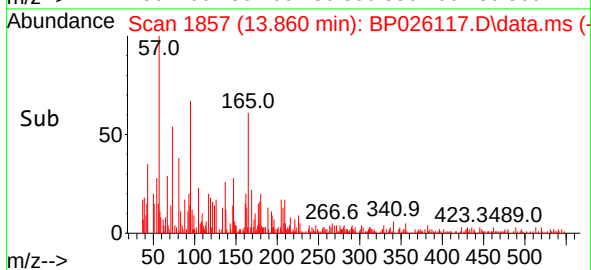
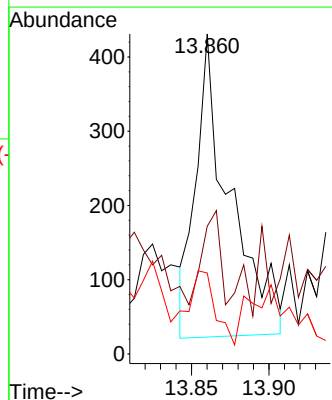
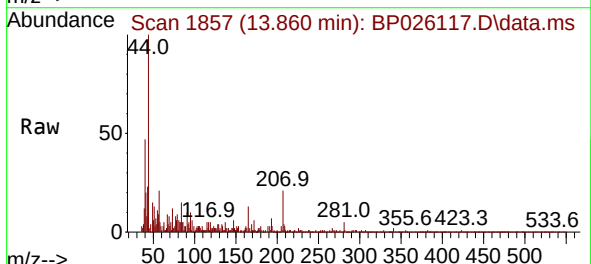
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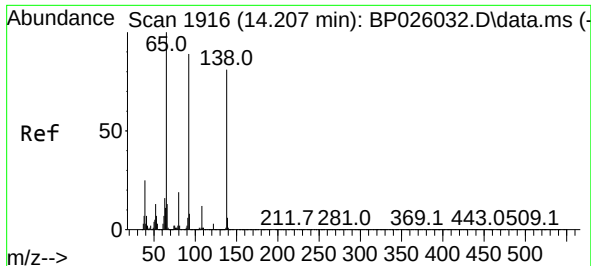
Tgt Ion: 65 Resp: 95
Ion Ratio Lower Upper
65 100
92 64.0 55.5 83.3
138 0.0 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.052 ng
RT: 13.860 min Scan# 1857
Delta R.T. -0.018 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

Tgt Ion: 165 Resp: 627
Ion Ratio Lower Upper
165 100
63 39.9 43.0 64.4#
89 25.3 43.0 64.4#

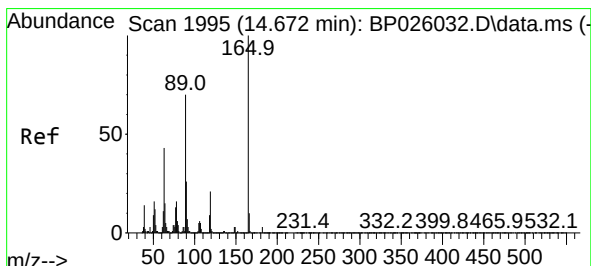
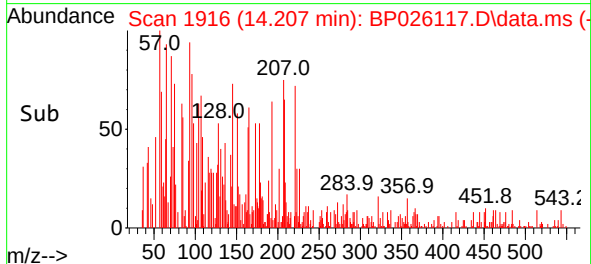
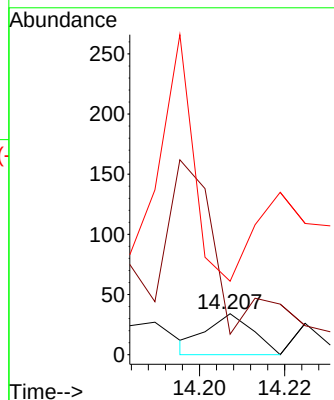
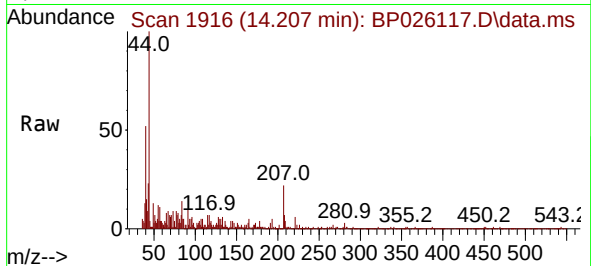




#53
3-Nitroaniline
Concen: 2.640 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

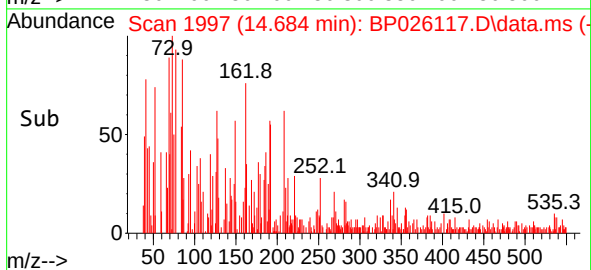
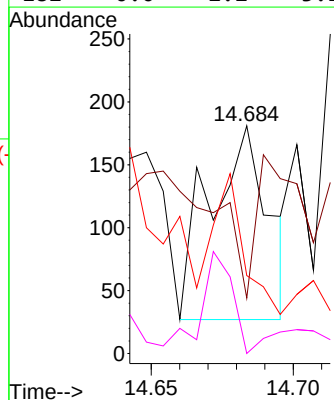
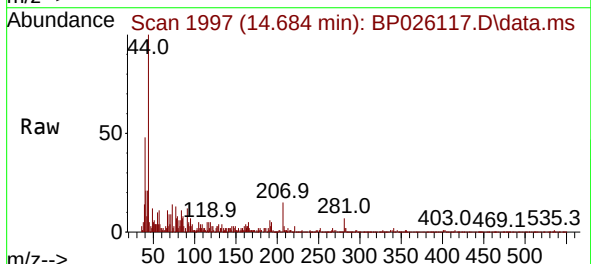
Instrument :
BNA_P
ClientSampleId :
TP-1

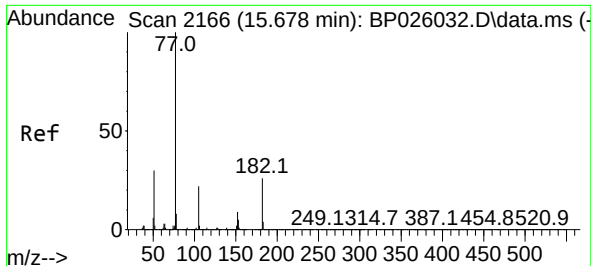
Tgt Ion:138 Resp: 25
Ion Ratio Lower Upper
138 100
108 50.0 11.4 17.0#
92 179.4 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.101 ng
RT: 14.684 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

Tgt Ion:165 Resp: 221
Ion Ratio Lower Upper
165 100
63 24.3 34.2 51.2#
89 34.3 56.0 84.0#
182 0.0 2.2 3.2#

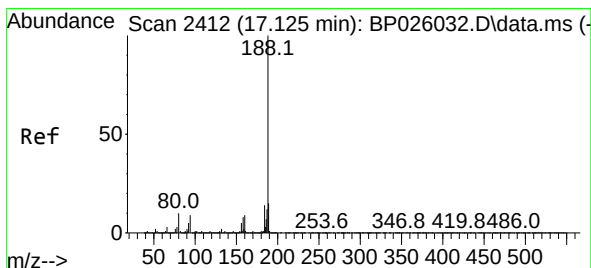
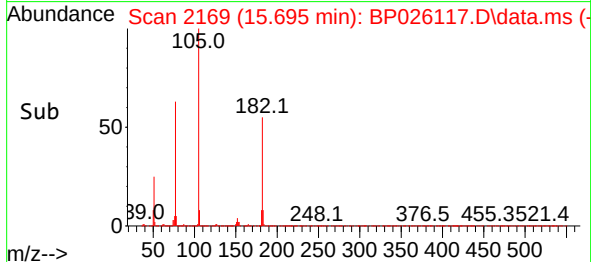
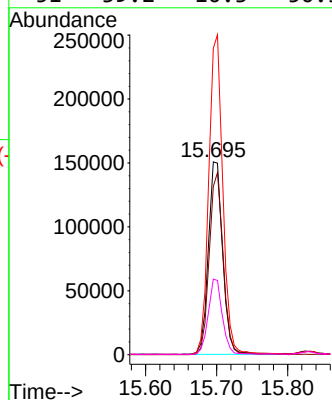
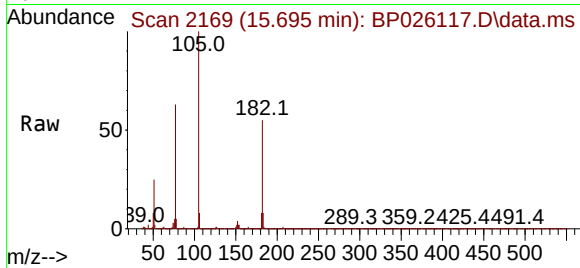




#63
 Azobenzene
 Concen: 4.488 ng
 RT: 15.695 min Scan# 2169
 Delta R.T. 0.006 min
 Lab File: BP026117.D
 Acq: 12 Nov 2025 17:58

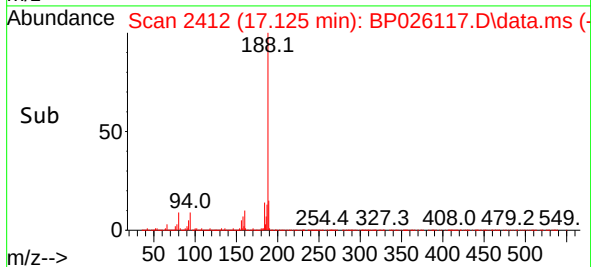
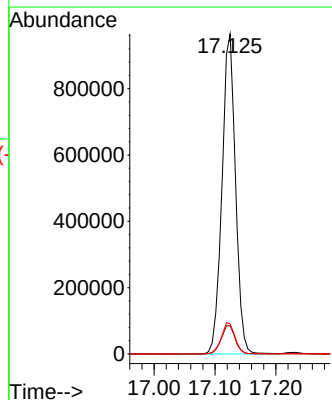
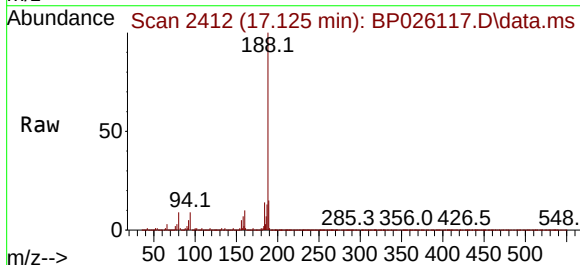
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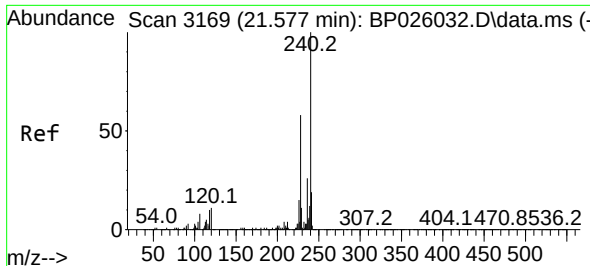
Tgt Ion: 77 Resp: 212067
 Ion Ratio Lower Upper
 77 100
 182 87.3 6.4 46.4#
 105 158.9 2.2 42.2#
 51 39.2 10.3 50.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.125 min Scan# 2412
 Delta R.T. 0.000 min
 Lab File: BP026117.D
 Acq: 12 Nov 2025 17:58

Tgt Ion: 188 Resp: 1488134
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.1 10.7
 80 9.4 7.9 11.9

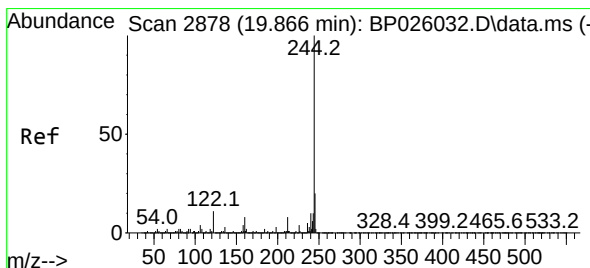
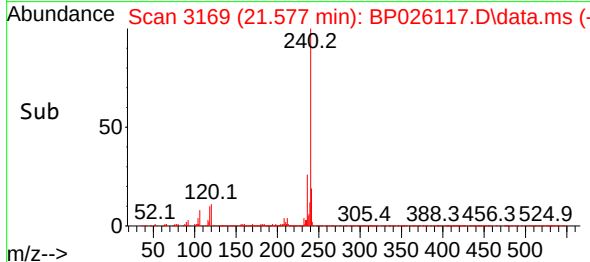
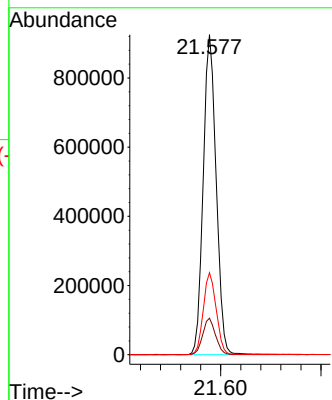
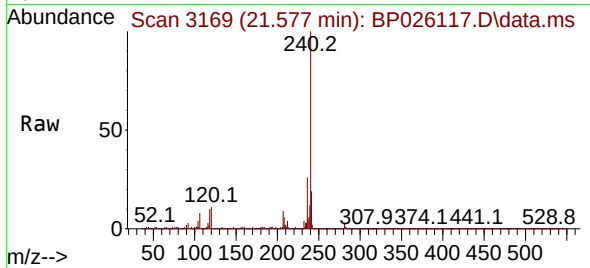




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

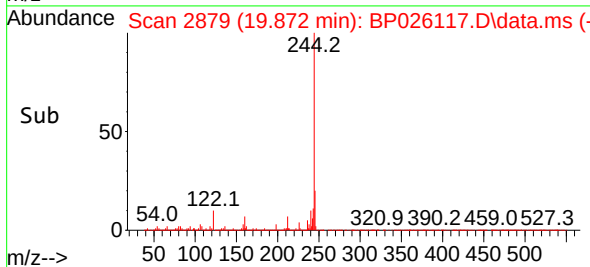
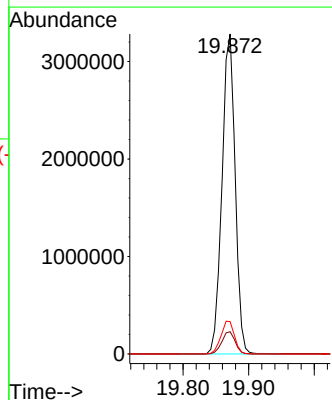
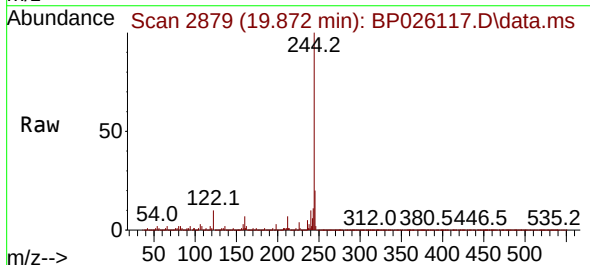
Instrument :
BNA_P
ClientSampleId :
TP-1

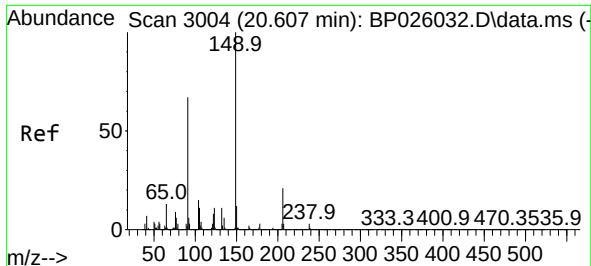
Tgt Ion:240 Resp: 1657488
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.6 20.6 31.0



#79
Terphenyl-d14
Concen: 55.834 ng
RT: 19.872 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

Tgt Ion:244 Resp: 4555074
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 10.1 9.0 13.6

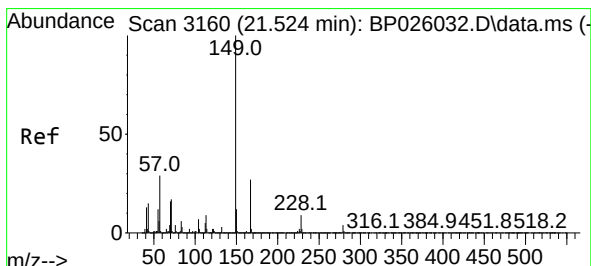
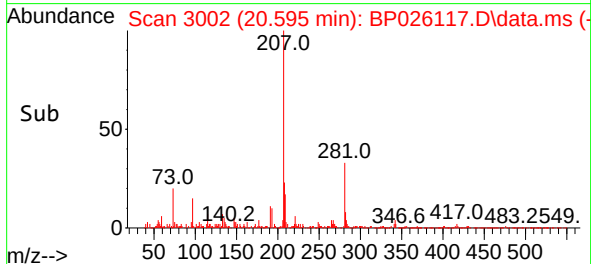
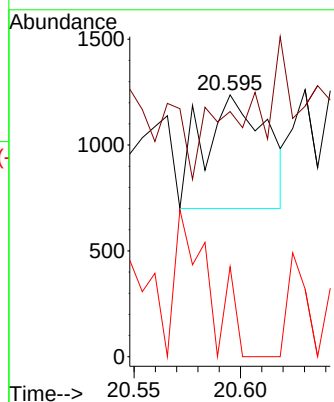
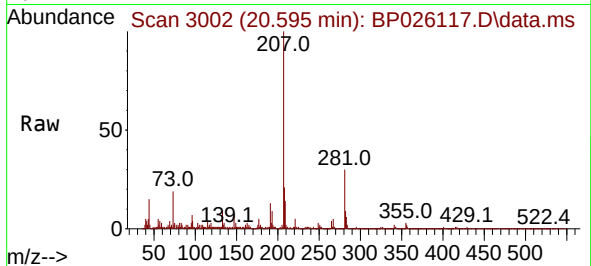




#80
Butylbenzylphthalate
Concen: 3.421 ng
RT: 20.595 min Scan# 3004
Delta R.T. -0.012 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

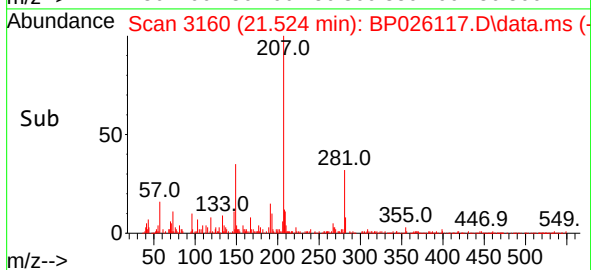
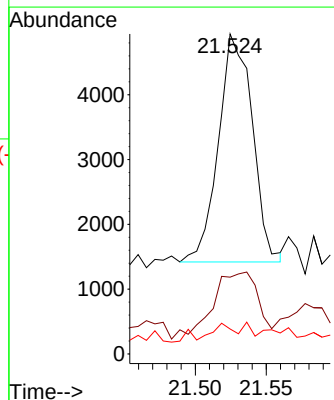
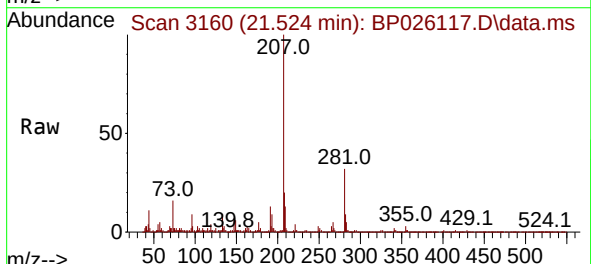
Instrument :
BNA_P
ClientSampleId :
TP-1

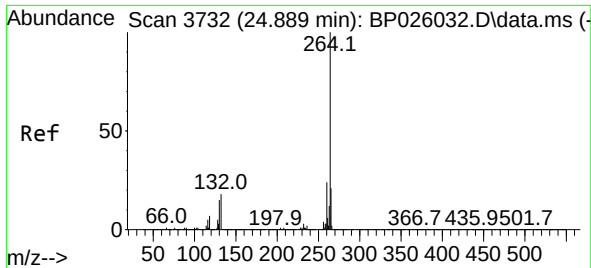
Tgt Ion:149 Resp: 1102
Ion Ratio Lower Upper
149 100
91 93.6 53.5 80.3#
206 34.4 16.6 25.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.680 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

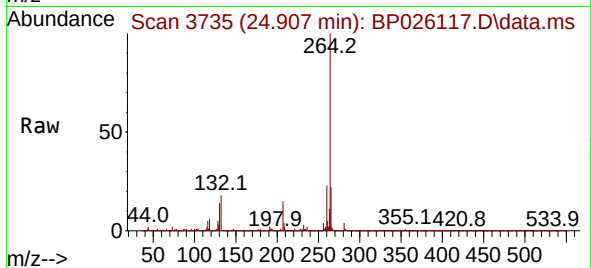
Tgt Ion:149 Resp: 5842
Ion Ratio Lower Upper
149 100
167 24.0 21.5 32.3
279 7.8 3.0 4.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.907 min Scan# 31
 Delta R.T. 0.024 min
 Lab File: BP026117.D
 Acq: 12 Nov 2025 17:58

Instrument :
 BNA_P
 ClientSampleId :
 TP-1



Tgt Ion:264 Resp: 1875568
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.9 17.2 25.8

