

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026113.D
 Acq On : 12 Nov 2025 15:13
 Operator : RC/JU
 Sample : Q3601-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4

Quant Time: Nov 12 15:34:14 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)

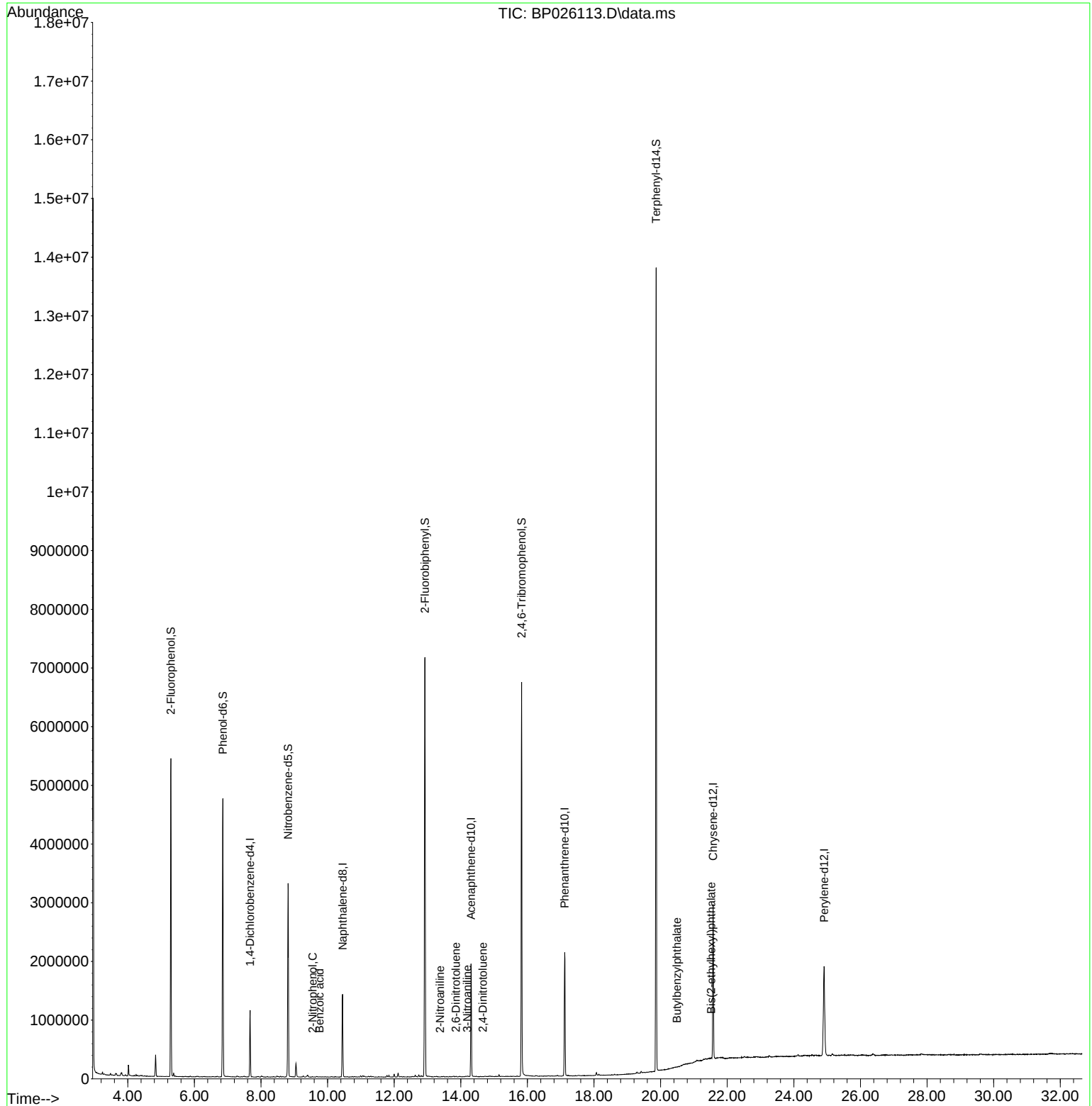
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	300221	20.000	ng	-0.02
21) Naphthalene-d8	10.449	136	1154788	20.000	ng	0.00
39) Acenaphthene-d10	14.307	164	708778	20.000	ng	-0.01
64) Phenanthrene-d10	17.119	188	1468712	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1571580	20.000	ng	0.01
86) Perylene-d12	24.907	264	1630488	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2410718	132.500	ng	0.00
7) Phenol-d6	6.855	99	2759026	119.141	ng	0.00
23) Nitrobenzene-d5	8.813	82	1851541	99.953	ng	-0.01
42) 2,4,6-Tribromophenol	15.825	330	1256727	164.008	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4384342	88.885	ng	0.00
79) Terphenyl-d14	19.866	244	7205018	93.144	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.555	139	143	2.696	ng	# 1
32) Benzoic acid	9.755	122	383	3.165	ng	# 64
48) 2-Nitroaniline	13.378	65	256	2.932	ng	# 21
51) 2,6-Dinitrotoluene	13.848	165	530	3.042	ng	# 53
53) 3-Nitroaniline	14.190	138	117	2.647	ng	# 42
57) 2,4-Dinitrotoluene	14.660	165	127	3.095	ng	# 24
80) Butylbenzylphthalate	20.489	149	439	3.407	ng	89
84) Bis(2-ethylhexyl)phtha...	21.519	149	8619	2.726	ng	# 98

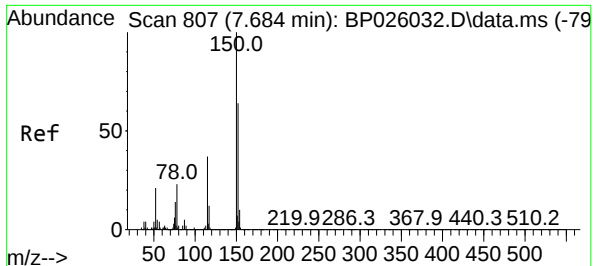
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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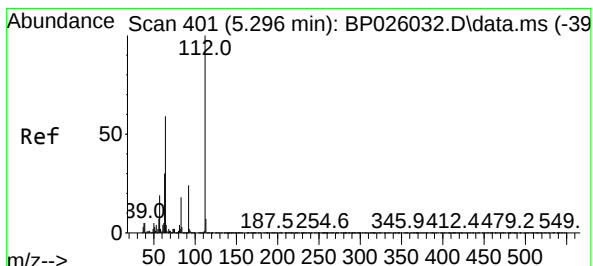
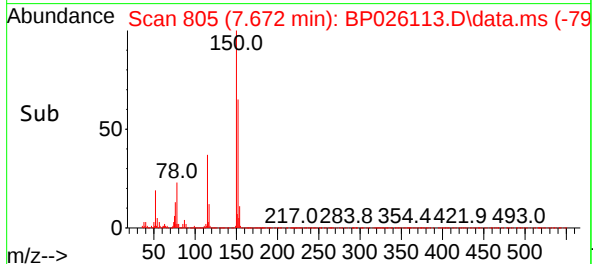
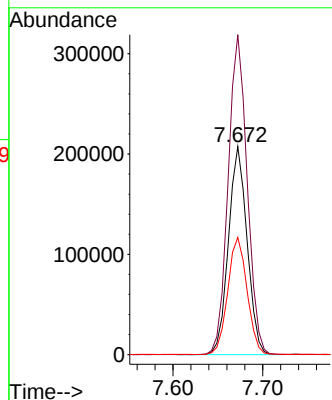
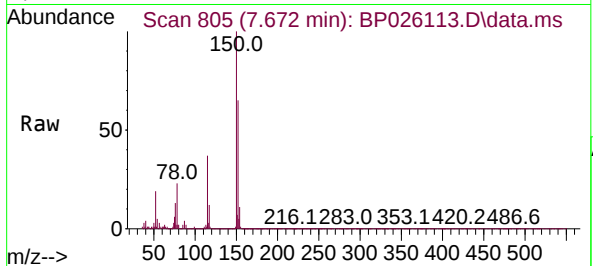




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.672 min Scan# 807
 Delta R.T. -0.018 min
 Lab File: BP026113.D
 Acq: 12 Nov 2025 15:13

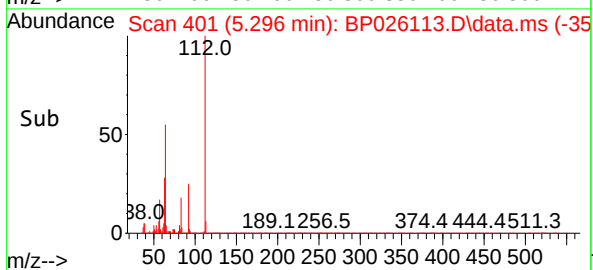
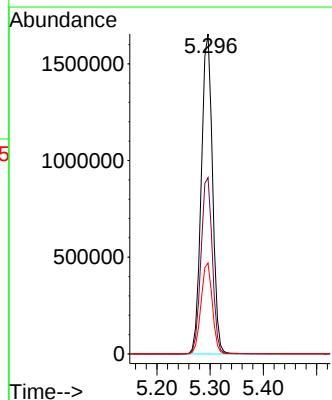
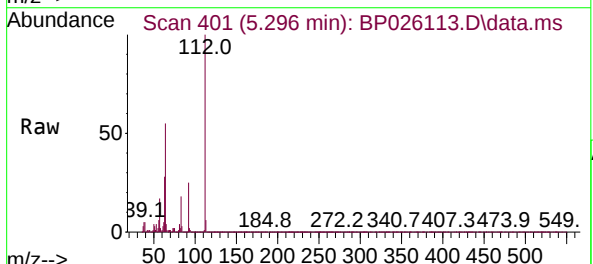
Instrument :
 BNA_P
 ClientSampleId :
 TP-4

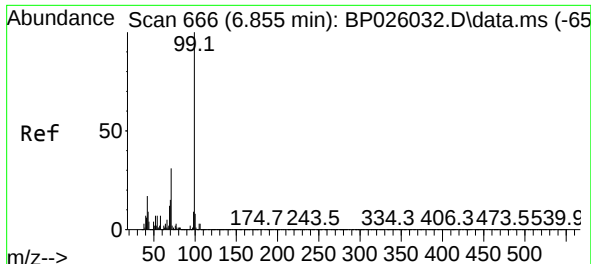
Tgt Ion:152 Resp: 300221
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.7 188.5
 115 56.4 46.4 69.6



#5
 2-Fluorophenol
 Concen: 132.500 ng
 RT: 5.296 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: BP026113.D
 Acq: 12 Nov 2025 15:13

Tgt Ion:112 Resp: 2410718
 Ion Ratio Lower Upper
 112 100
 64 55.1 47.4 71.2
 63 28.4 24.2 36.4

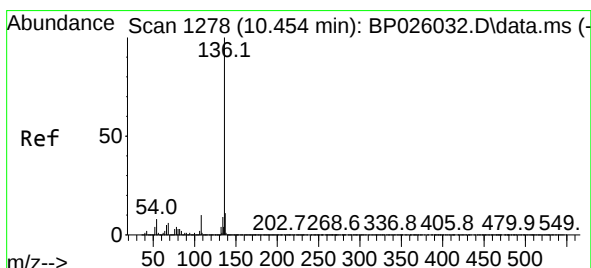
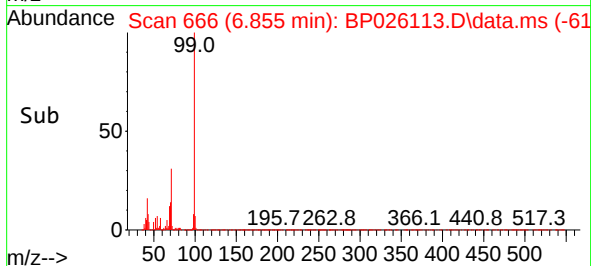
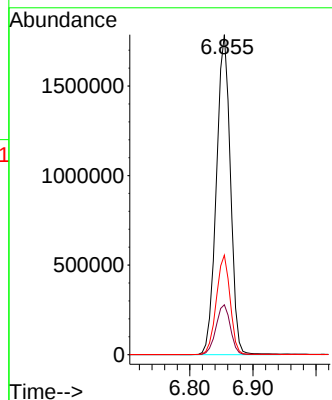
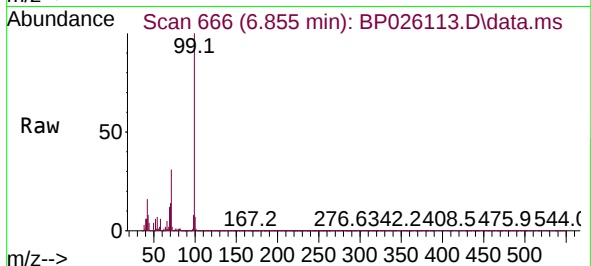




#7
Phenol-d6
Concen: 119.141 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

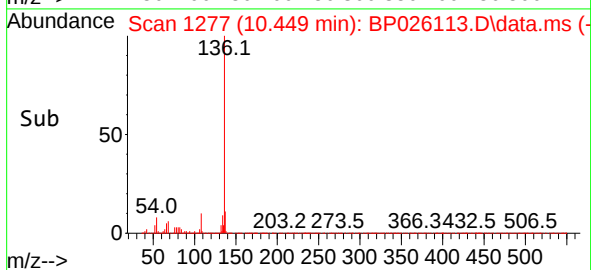
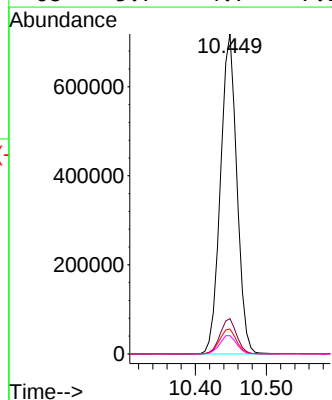
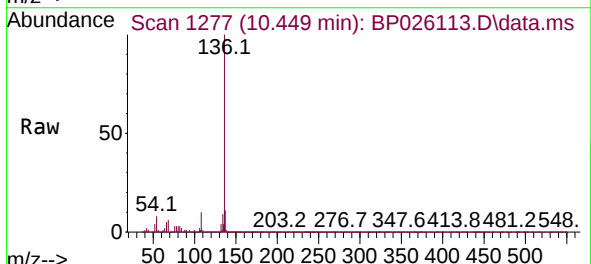
Instrument :
BNA_P
ClientSampleId :
TP-4

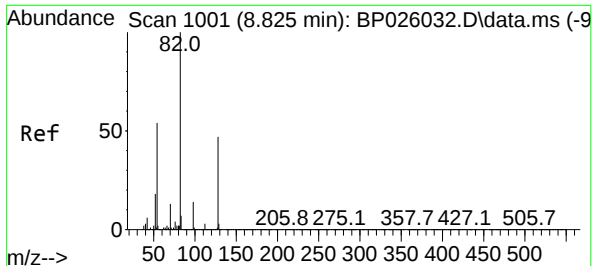
Tgt Ion: 99 Resp: 2759026
Ion Ratio Lower Upper
99 100
42 15.6 13.7 20.5
71 31.1 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

Tgt Ion:136 Resp: 1154788
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 6.6 10.0
68 5.7 4.7 7.1





#23

Nitrobenzene-d5

Concen: 99.953 ng

RT: 8.813 min Scan# 99

Delta R.T. -0.011 min

Lab File: BP026113.D

Acq: 12 Nov 2025 15:13

Instrument :

BNA_P

ClientSampleId :

TP-4

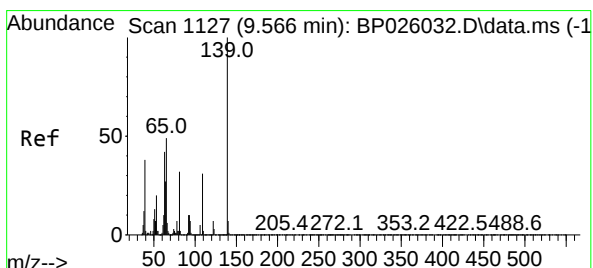
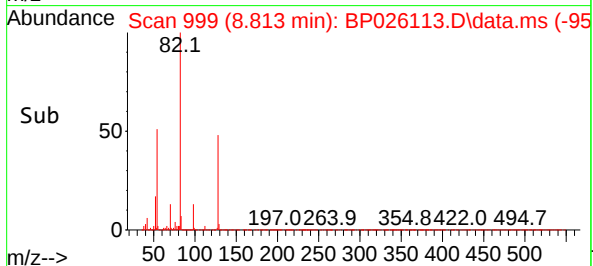
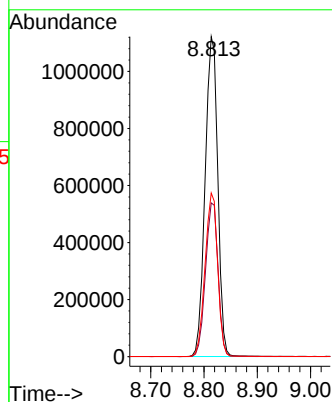
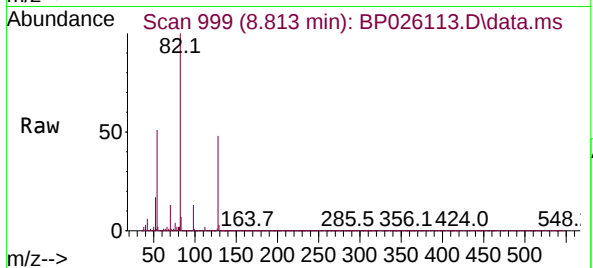
Tgt Ion: 82 Resp: 1851541

Ion Ratio Lower Upper

82 100

128 48.0 37.4 56.0

54 51.1 42.7 64.1



#26

2-Nitrophenol

Concen: 2.696 ng

RT: 9.555 min Scan# 1125

Delta R.T. -0.011 min

Lab File: BP026113.D

Acq: 12 Nov 2025 15:13

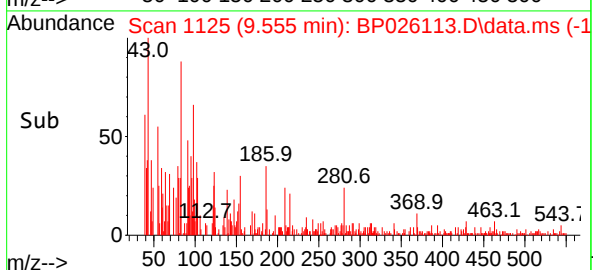
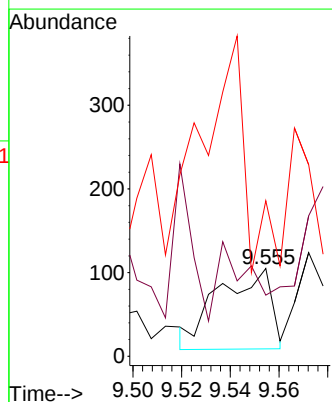
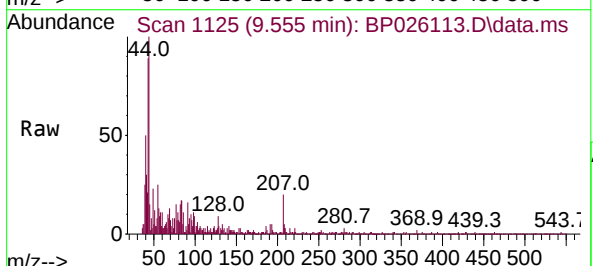
Tgt Ion: 139 Resp: 143

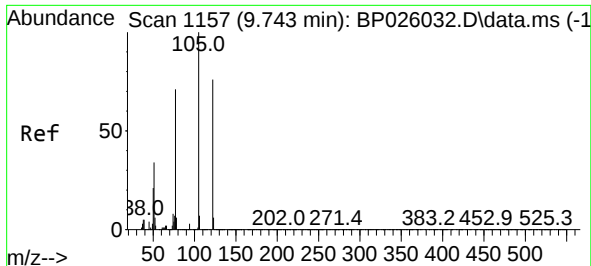
Ion Ratio Lower Upper

139 100

109 69.5 24.8 37.2#

65 177.1 39.0 58.4#

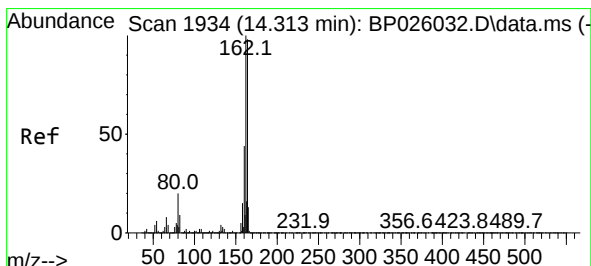
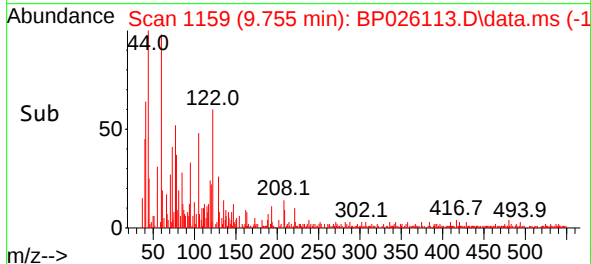
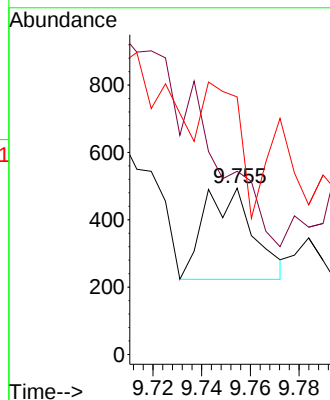
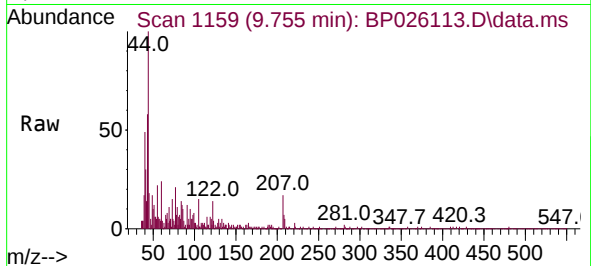




#32
Benzoic acid
Concen: 3.165 ng
RT: 9.755 min Scan# 1157
Delta R.T. -0.023 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

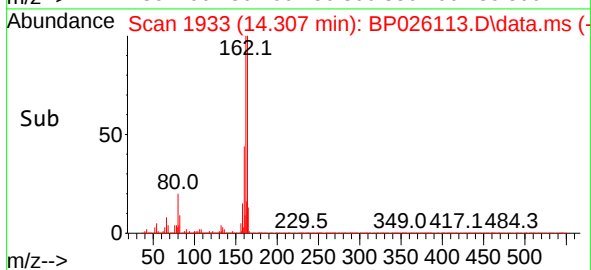
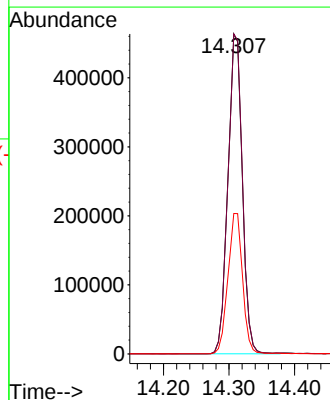
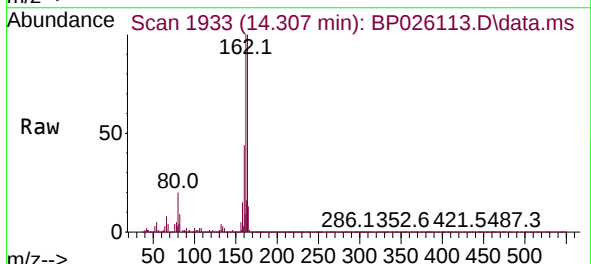
Instrument :
BNA_P
ClientSampleId :
TP-4

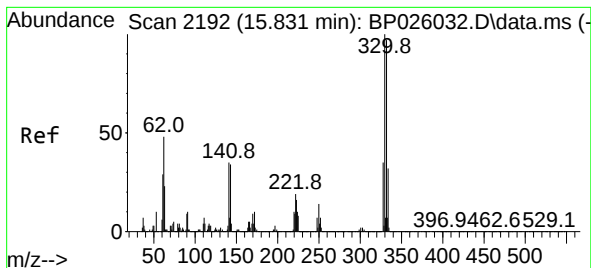
Tgt Ion:122 Resp: 383
Ion Ratio Lower Upper
122 100
105 110.1 104.8 144.8
77 154.9 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

Tgt Ion:164 Resp: 708778
Ion Ratio Lower Upper
164 100
162 100.0 81.5 122.3
160 43.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 164.008 ng

RT: 15.825 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP026113.D

Acq: 12 Nov 2025 15:13

Instrument :

BNA_P

ClientSampleId :

TP-4

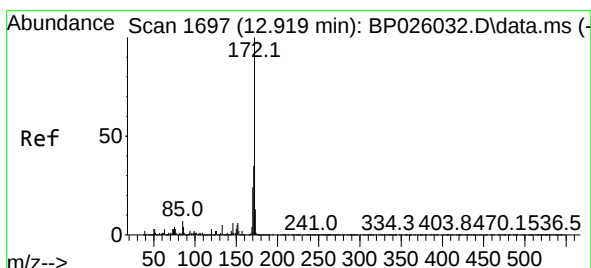
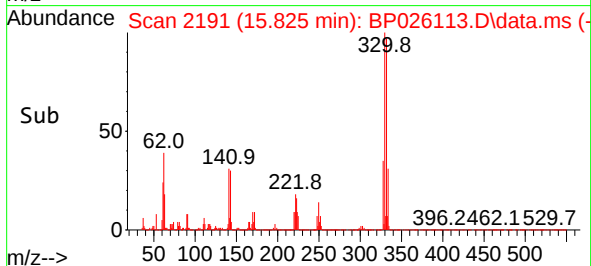
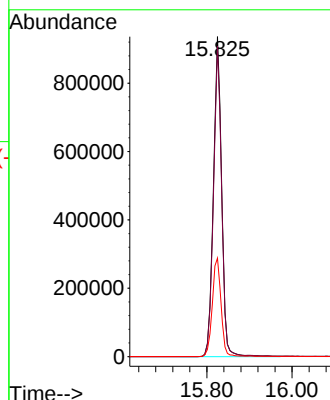
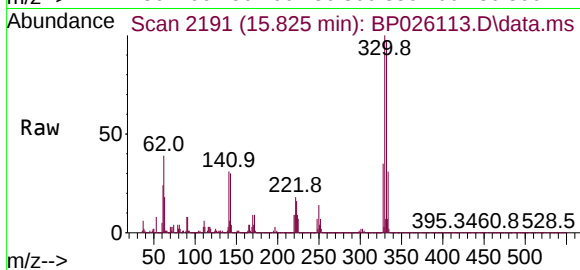
Tgt Ion:330 Resp: 1256727

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 32.8 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 88.885 ng

RT: 12.925 min Scan# 1698

Delta R.T. -0.006 min

Lab File: BP026113.D

Acq: 12 Nov 2025 15:13

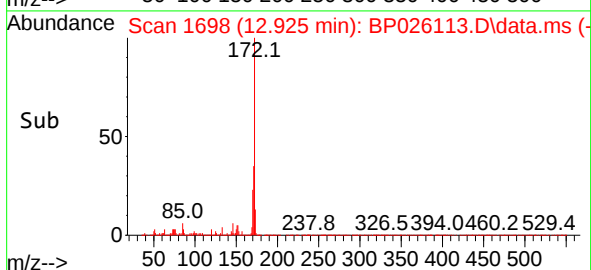
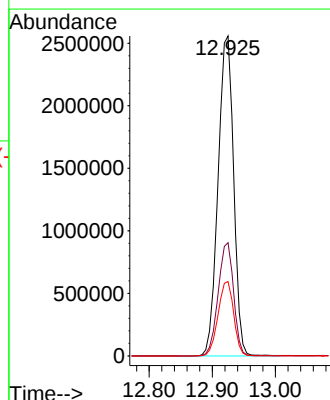
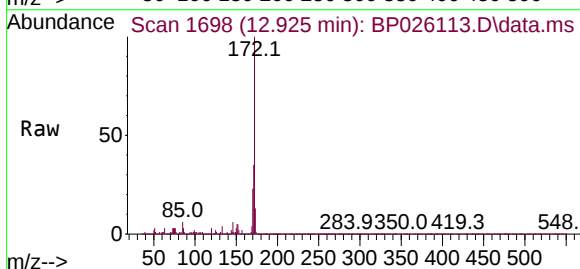
Tgt Ion:172 Resp: 4384342

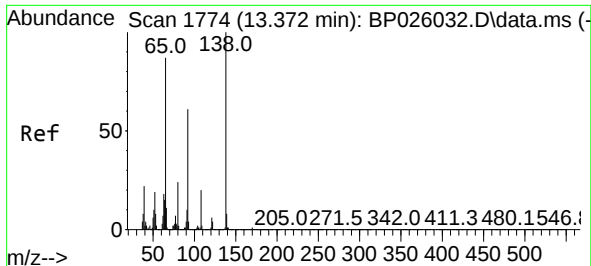
Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

170 23.2 19.0 28.4

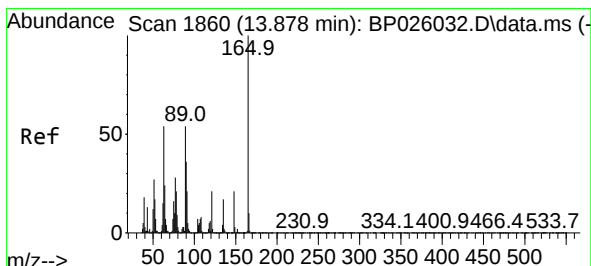
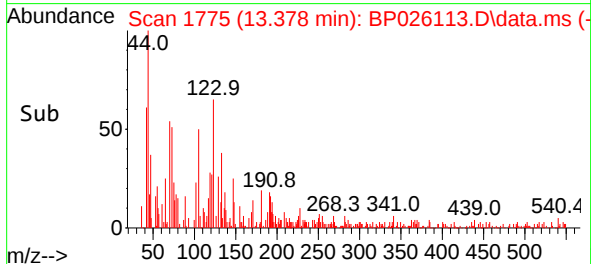
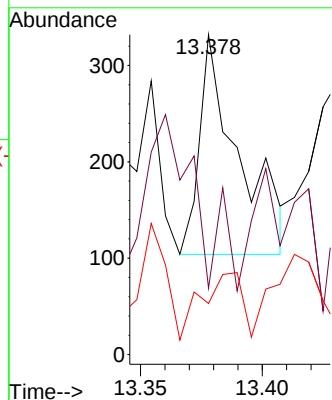
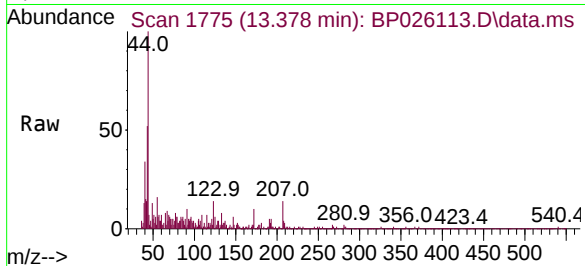




#48
2-Nitroaniline
Concen: 2.932 ng
RT: 13.378 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

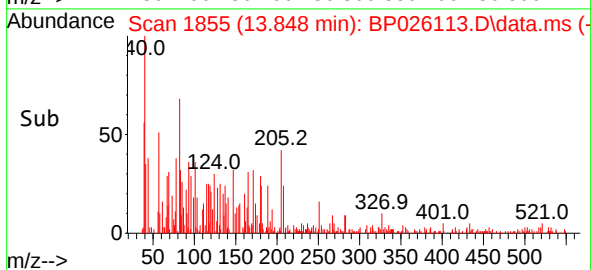
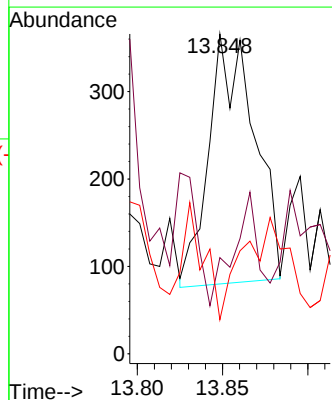
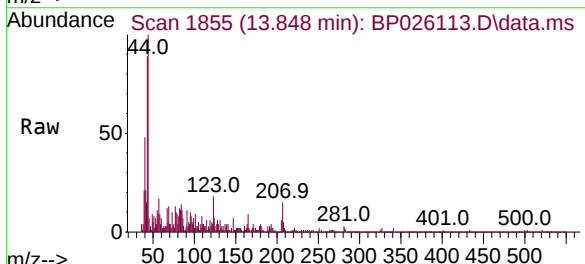
Instrument :
BNA_P
ClientSampleId :
TP-4

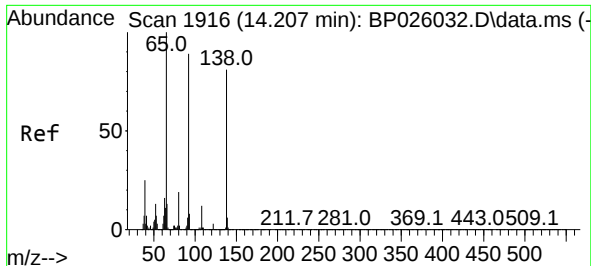
Tgt Ion: 65 Resp: 256
Ion Ratio Lower Upper
65 100
92 20.8 55.5 83.3#
138 16.0 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.042 ng
RT: 13.848 min Scan# 1855
Delta R.T. -0.030 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

Tgt Ion: 165 Resp: 530
Ion Ratio Lower Upper
165 100
63 30.1 43.0 64.4#
89 10.7 43.0 64.4#

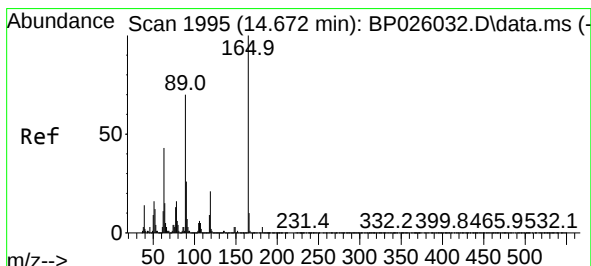
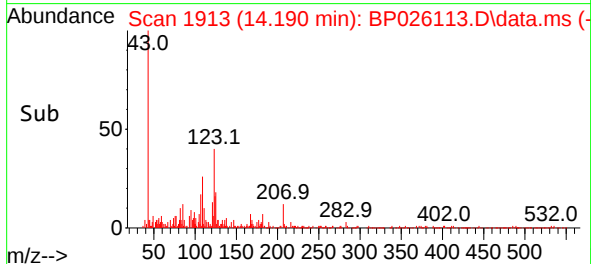
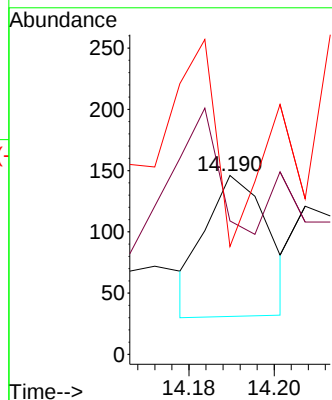
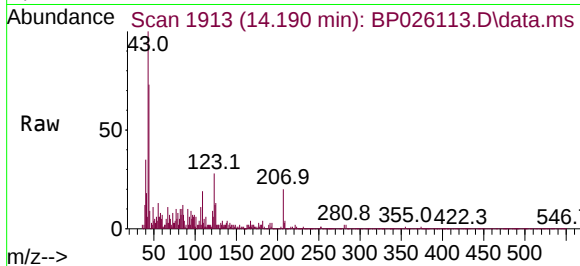




#53
3-Nitroaniline
Concen: 2.647 ng
RT: 14.190 min Scan# 1916
Delta R.T. -0.017 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

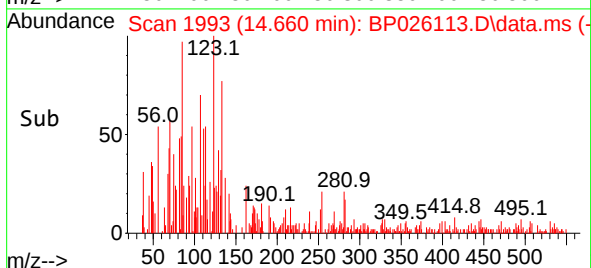
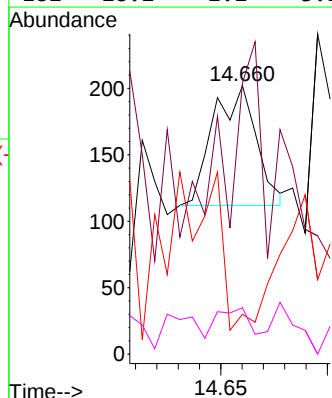
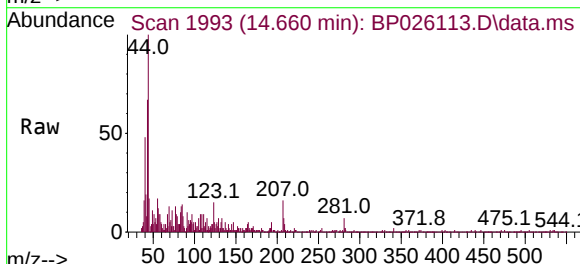
Instrument :
BNA_P
ClientSampleId :
TP-4

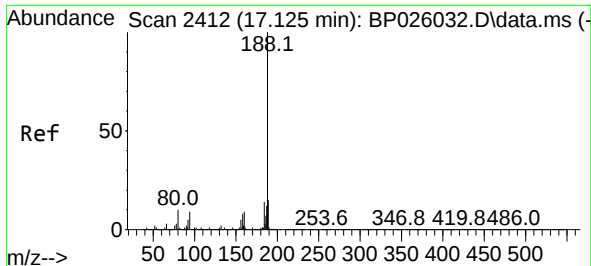
Tgt Ion:138 Resp: 117
Ion Ratio Lower Upper
138 100
108 74.7 11.4 17.0#
92 60.3 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.095 ng
RT: 14.660 min Scan# 1993
Delta R.T. -0.018 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

Tgt Ion:165 Resp: 127
Ion Ratio Lower Upper
165 100
63 101.0 34.2 51.2#
89 14.9 56.0 84.0#
182 28.2 2.2 3.2#

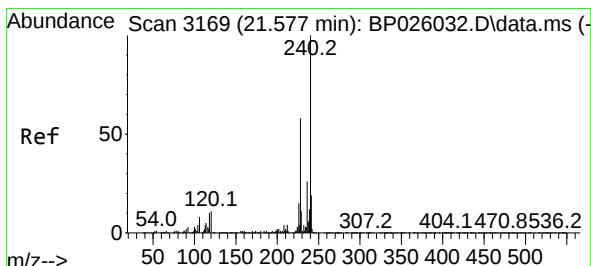
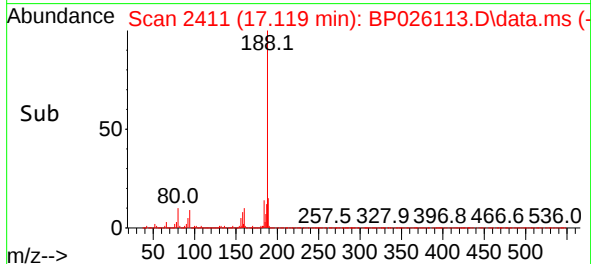
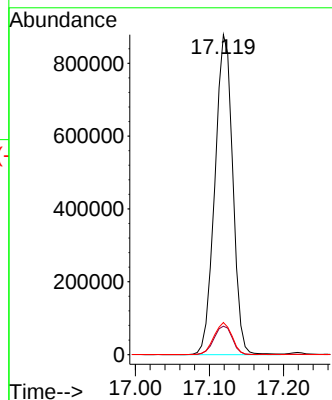
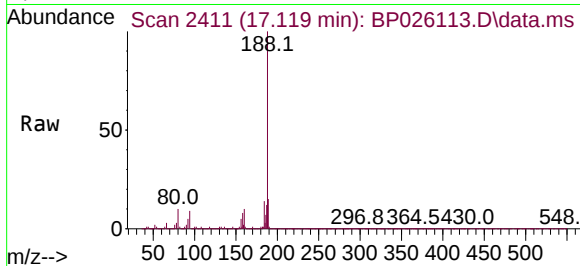




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

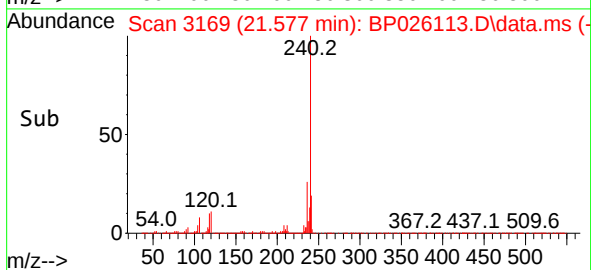
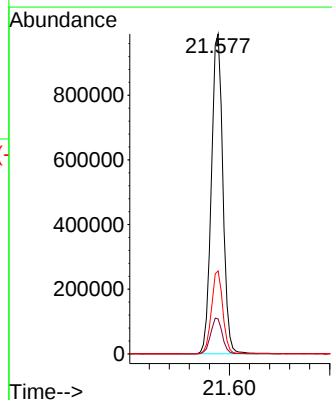
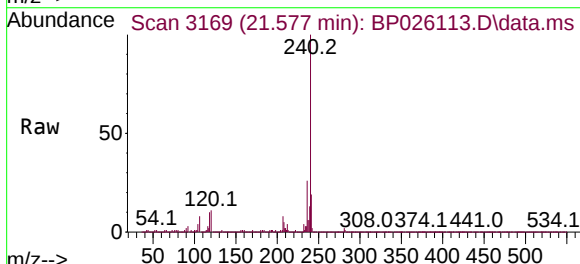
Instrument :
BNA_P
ClientSampleId :
TP-4

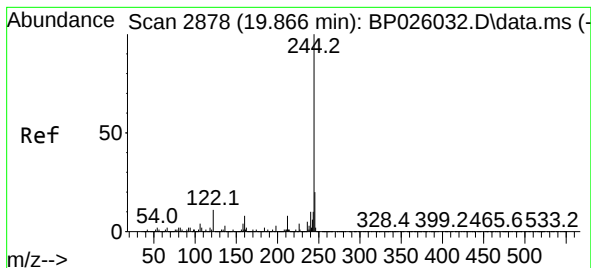
Tgt Ion:188 Resp: 1468712
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

Tgt Ion:240 Resp: 1571580
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 93.144 ng

RT: 19.866 min Scan# 2878

Delta R.T. 0.000 min

Lab File: BP026113.D

Acq: 12 Nov 2025 15:13

Instrument :

BNA_P

ClientSampleId :

TP-4

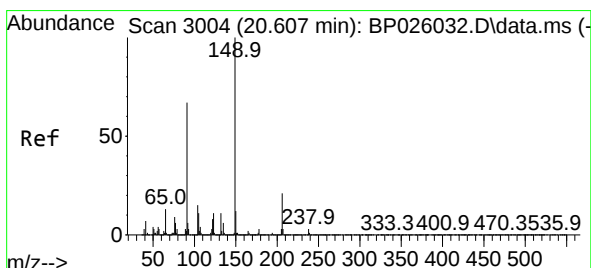
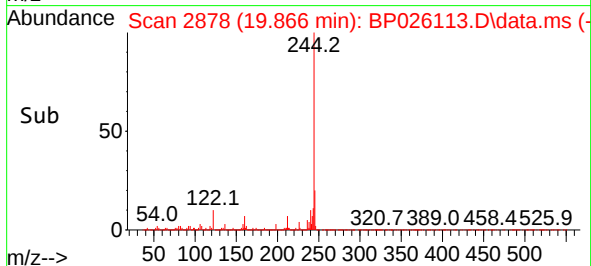
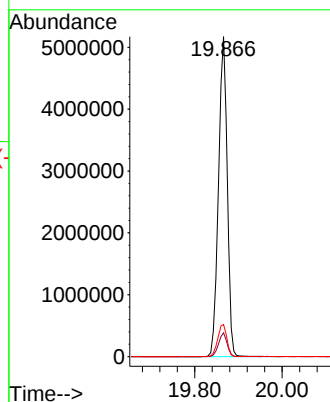
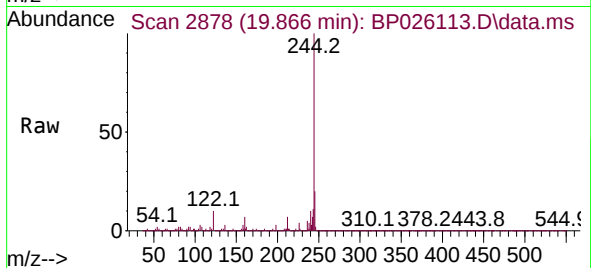
Tgt Ion:244 Resp: 7205018

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 10.0 9.0 13.6



#80

Butylbenzylphthalate

Concen: 3.407 ng

RT: 20.489 min Scan# 2984

Delta R.T. -0.118 min

Lab File: BP026113.D

Acq: 12 Nov 2025 15:13

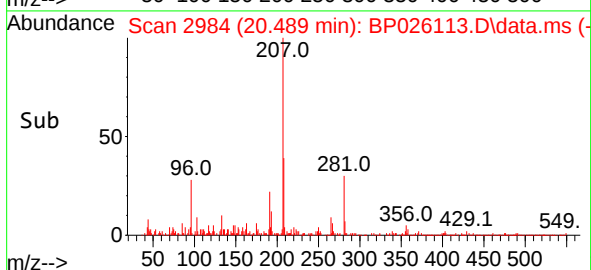
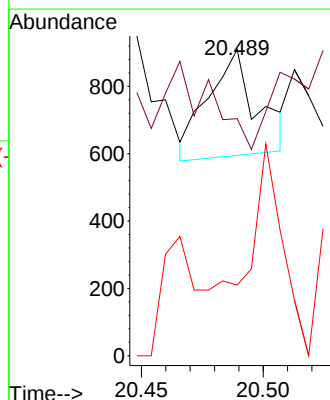
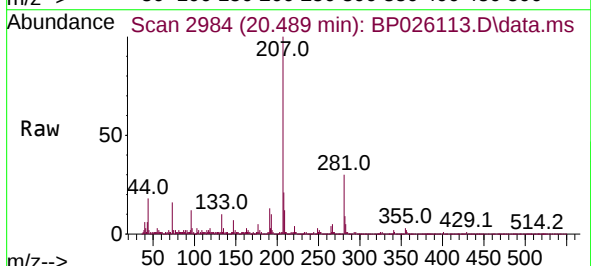
Tgt Ion:149 Resp: 439

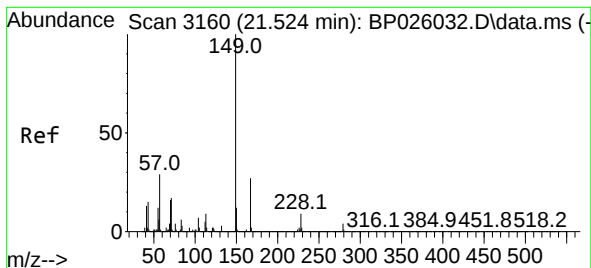
Ion Ratio Lower Upper

149 100

91 77.4 53.5 80.3

206 23.1 16.6 25.0

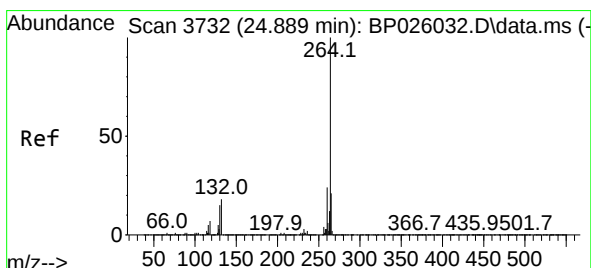
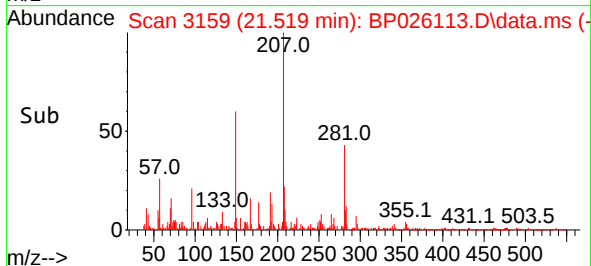
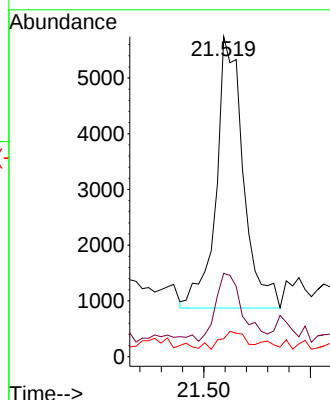
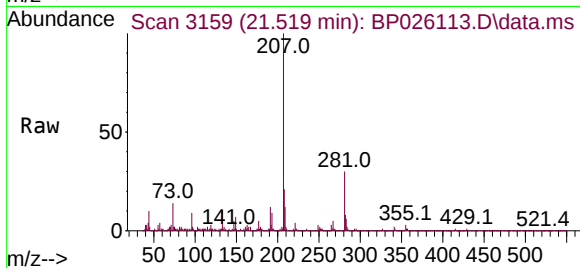




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.726 ng
RT: 21.519 min Scan# 3160
Delta R.T. 0.001 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

Instrument :
BNA_P
ClientSampleId :
TP-4

Tgt Ion:149 Resp: 8619
Ion Ratio Lower Upper
149 100
167 26.0 21.5 32.3
279 5.6 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.024 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

Tgt Ion:264 Resp: 1630488
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 21.7 17.2 25.8

