

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026118.D
 Acq On : 12 Nov 2025 18:39
 Operator : RC/JU
 Sample : Q3597-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Nov 13 01:11:51 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)

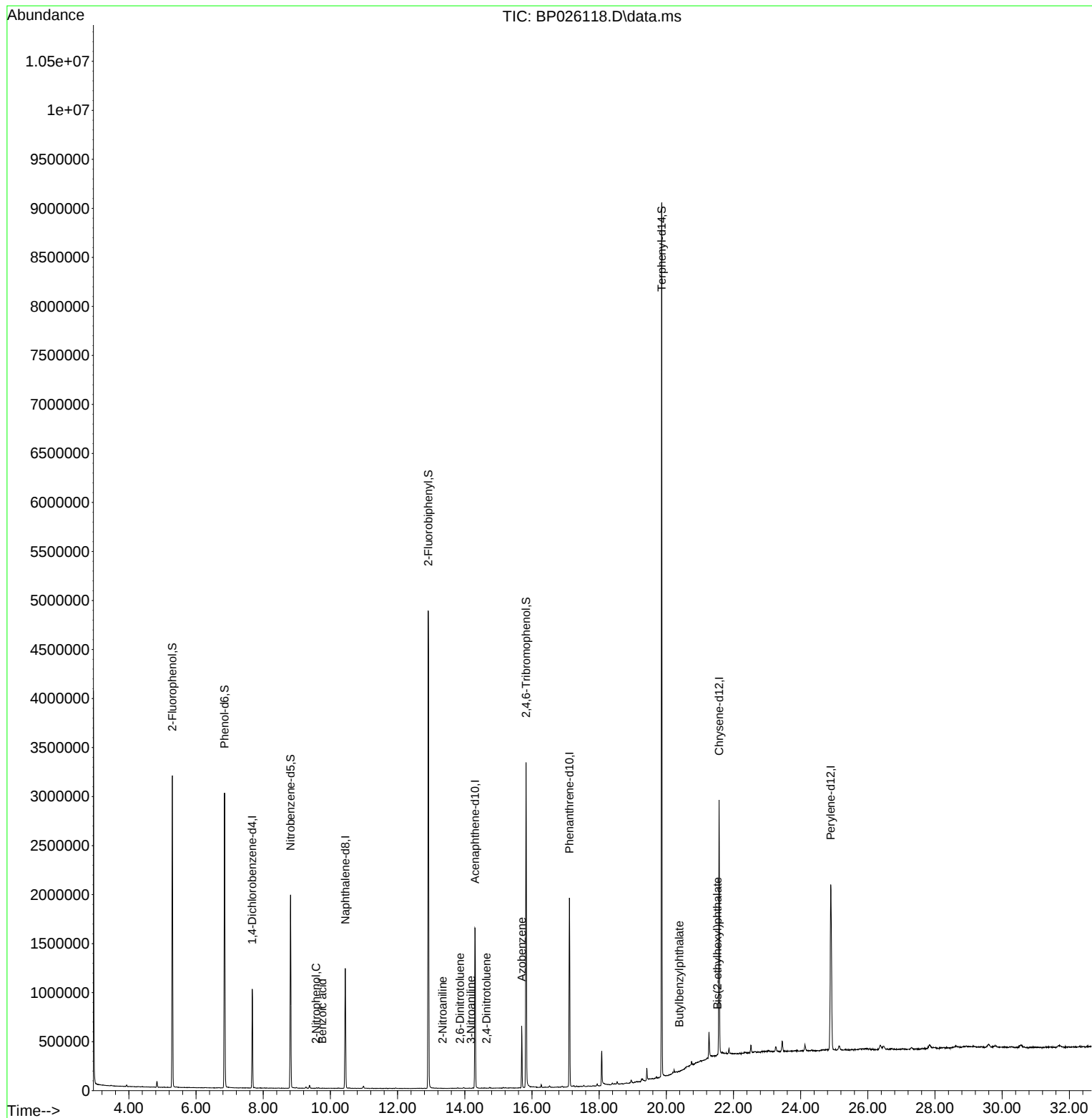
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	271669	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1039200	20.000	ng	-0.01
39) Acenaphthene-d10	14.301	164	621903	20.000	ng	-0.02
64) Phenanthrene-d10	17.113	188	1272348	20.000	ng	-0.01
76) Chrysene-d12	21.571	240	1471499	20.000	ng	0.00
86) Perylene-d12	24.895	264	1704131	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1460747	88.725	ng	0.00
7) Phenol-d6	6.849	99	1778556	84.874	ng	0.00
23) Nitrobenzene-d5	8.813	82	1034526	62.060	ng	-0.01
42) 2,4,6-Tribromophenol	15.825	330	680751	101.251	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	2556641	59.072	ng	-0.02
79) Terphenyl-d14	19.866	244	4225989	58.348	ng	0.00
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.572	139	102	2.692	ng	# 1
32) Benzoic acid	9.754	122	155	3.138	ng	# 1
48) 2-Nitroaniline	13.342	65	196	2.929	ng	# 20
51) 2,6-Dinitrotoluene	13.860	165	219	3.015	ng	# 59
53) 3-Nitroaniline	14.184	138	29	2.640	ng	# 1
57) 2,4-Dinitrotoluene	14.642	165	89	3.093	ng	# 57
63) Azobenzene	15.695	77	156280	3.792	ng	# 1
80) Butylbenzylphthalate	20.389	149	770	3.416	ng	93
84) Bis(2-ethylhexyl)phtha...	21.524	149	5867	2.691	ng	# 96

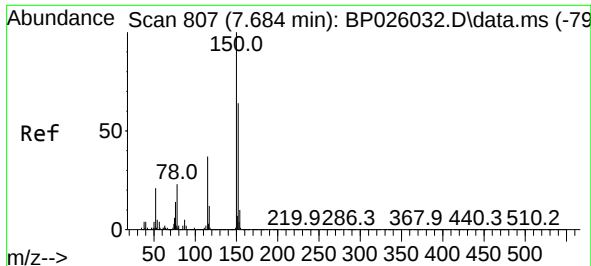
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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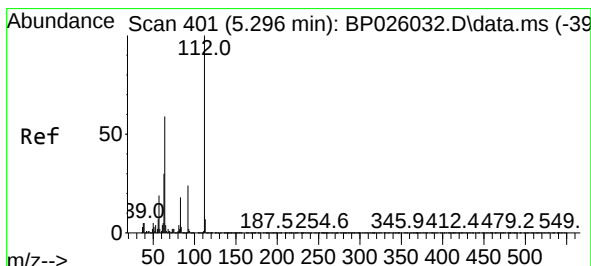
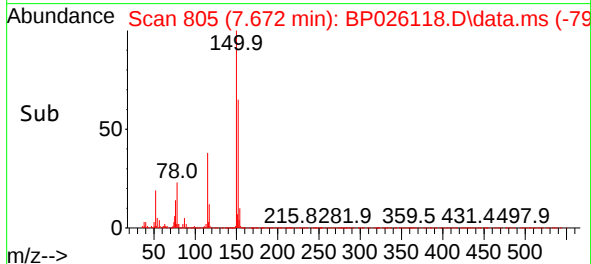
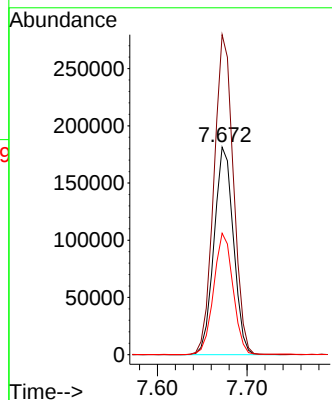
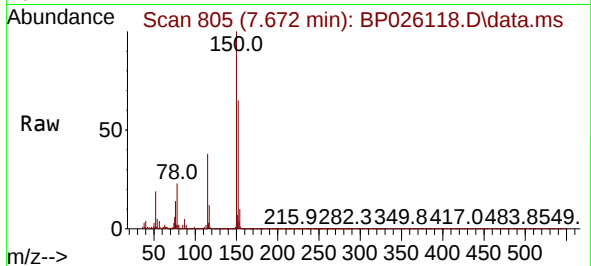




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 807
Delta R.T. -0.018 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

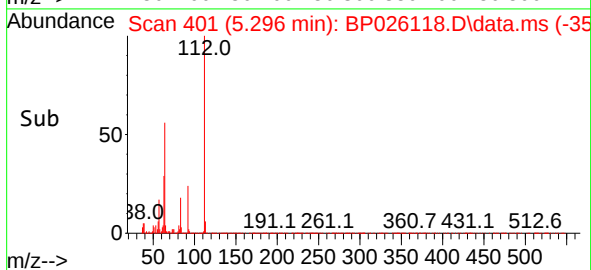
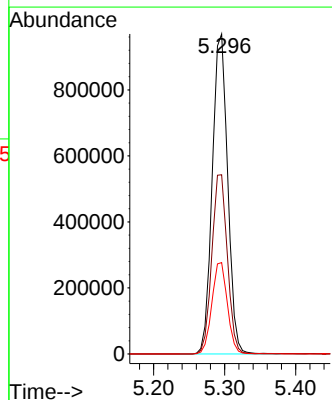
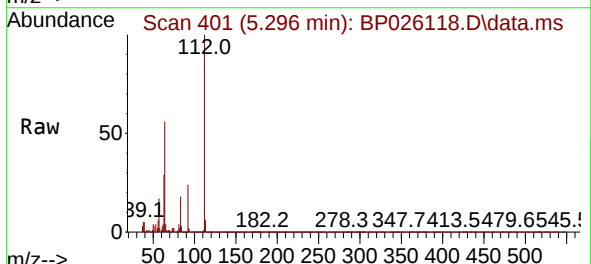
Instrument :
BNA_P
ClientSampleId :
TP-2

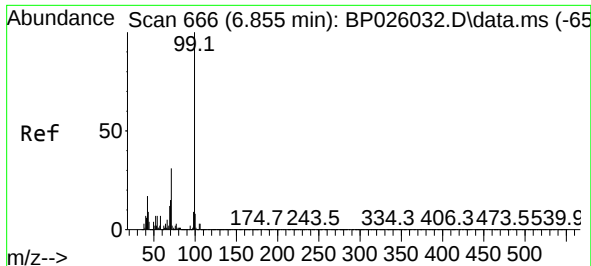
Tgt Ion:152 Resp: 271669
Ion Ratio Lower Upper
152 100
150 154.2 125.7 188.5
115 58.5 46.4 69.6



#5
2-Fluorophenol
Concen: 88.725 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

Tgt Ion:112 Resp: 1460747
Ion Ratio Lower Upper
112 100
64 56.0 47.4 71.2
63 28.5 24.2 36.4





#7

Phenol-d6

Concen: 84.874 ng

RT: 6.849 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP026118.D

Acq: 12 Nov 2025 18:39

Instrument :

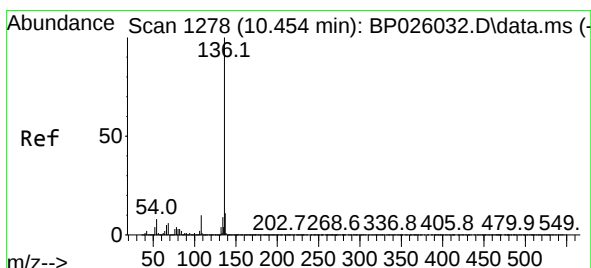
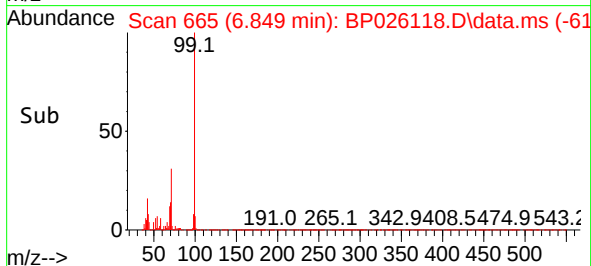
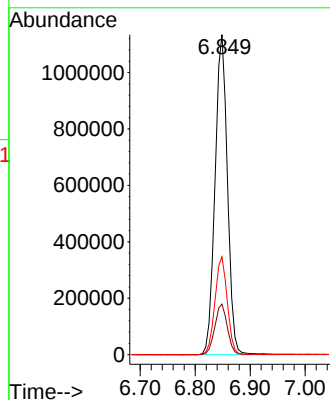
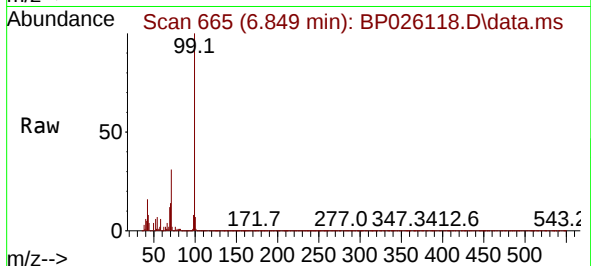
BNA_P

ClientSampleId :

TP-2

Tgt Ion: 99 Resp: 1778556

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.7	20.5
71	30.6	24.4	36.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.443 min Scan# 1276

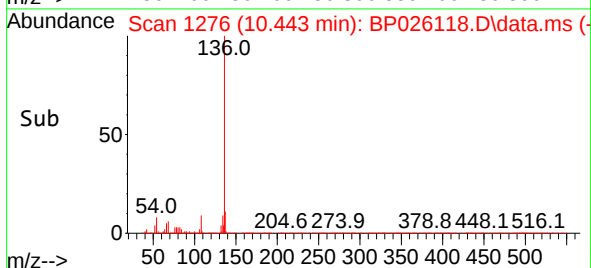
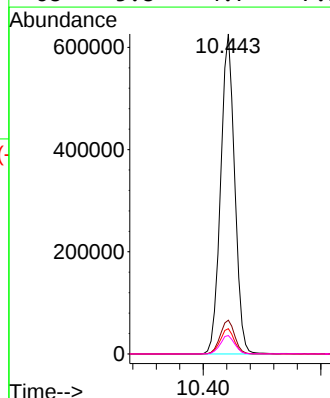
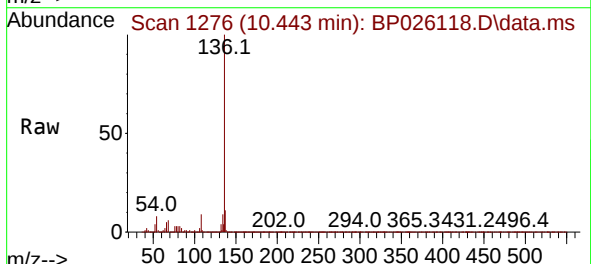
Delta R.T. -0.011 min

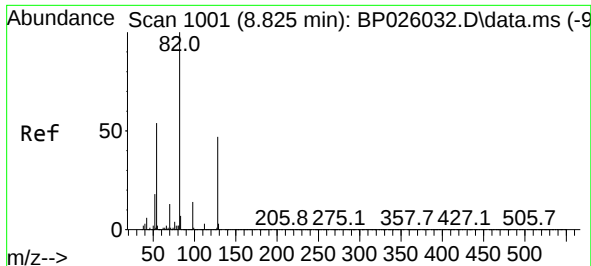
Lab File: BP026118.D

Acq: 12 Nov 2025 18:39

Tgt Ion:136 Resp: 1039200

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.9	6.6	10.0
68	5.8	4.7	7.1





#23

Nitrobenzene-d5

Concen: 62.060 ng

RT: 8.813 min Scan# 999

Delta R.T. -0.012 min

Lab File: BP026118.D

Acq: 12 Nov 2025 18:39

Instrument :

BNA_P

ClientSampleId :

TP-2

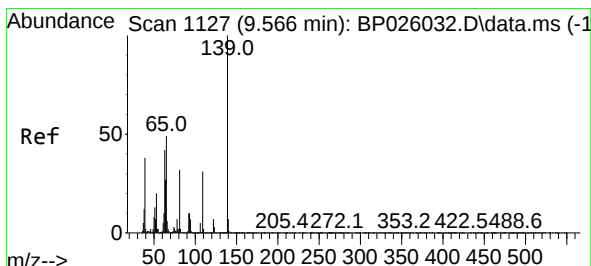
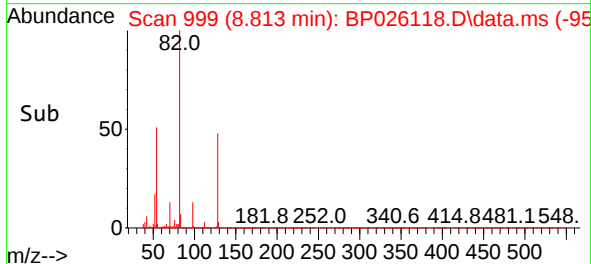
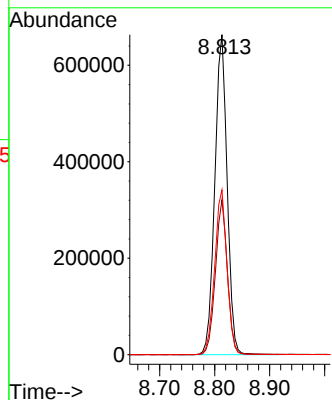
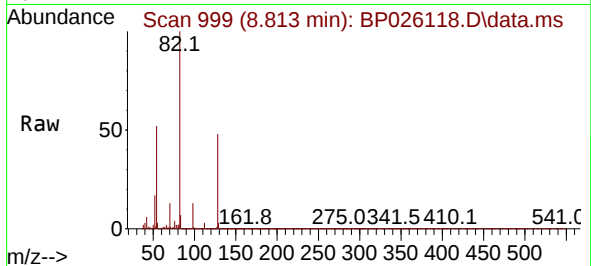
Tgt Ion: 82 Resp: 1034526

Ion Ratio Lower Upper

82 100

128 48.4 37.4 56.0

54 51.5 42.7 64.1



#26

2-Nitrophenol

Concen: 2.692 ng

RT: 9.572 min Scan# 1128

Delta R.T. 0.006 min

Lab File: BP026118.D

Acq: 12 Nov 2025 18:39

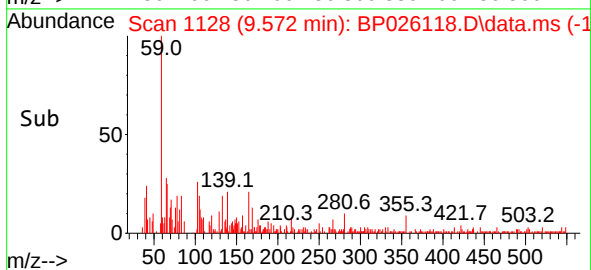
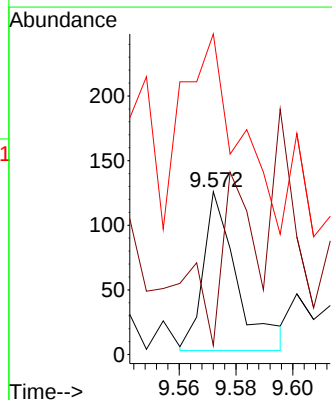
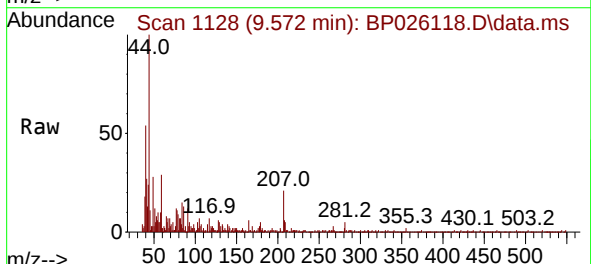
Tgt Ion:139 Resp: 102

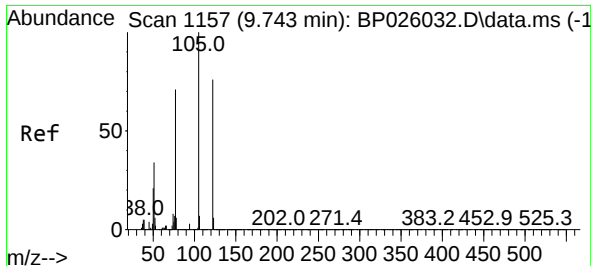
Ion Ratio Lower Upper

139 100

109 5.6 24.8 37.2#

65 196.8 39.0 58.4#

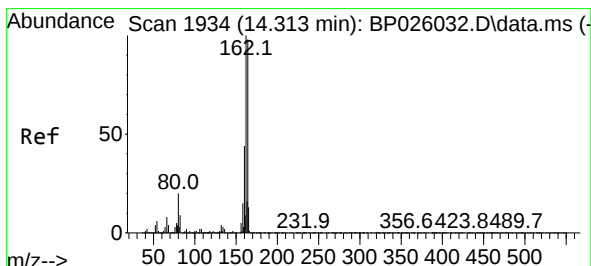
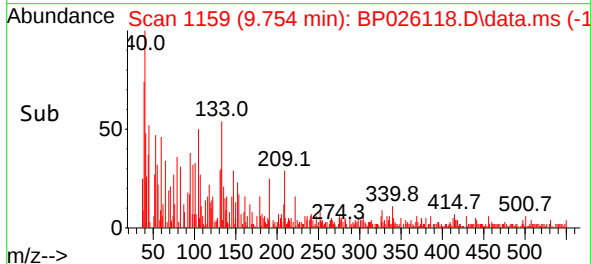
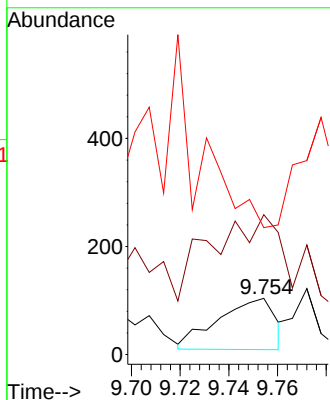
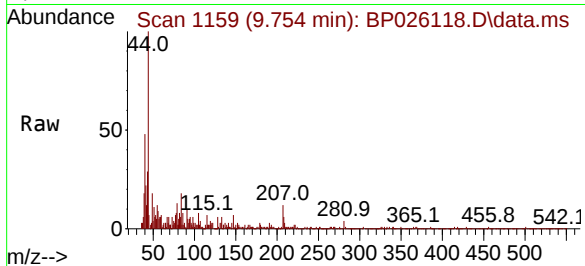




#32
Benzoic acid
Concen: 3.138 ng
RT: 9.754 min Scan# 1157
Delta R.T. -0.024 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

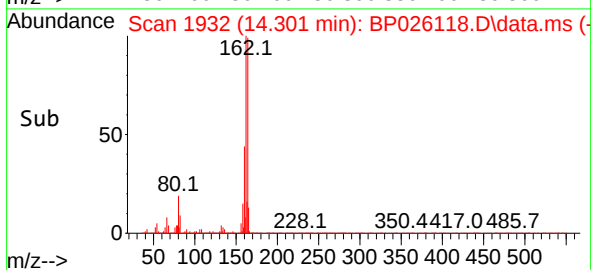
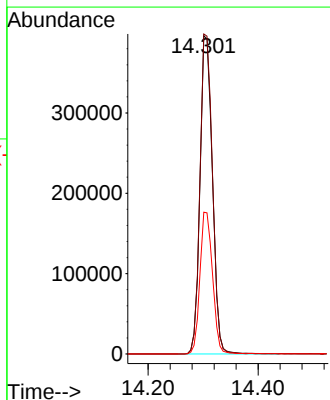
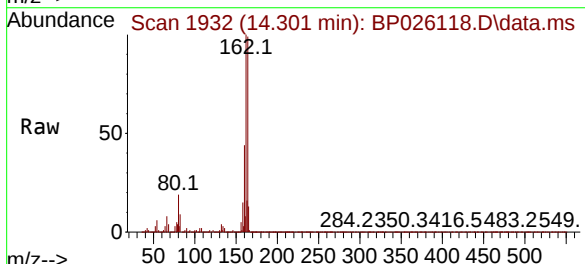
Instrument :
BNA_P
ClientSampleId :
TP-2

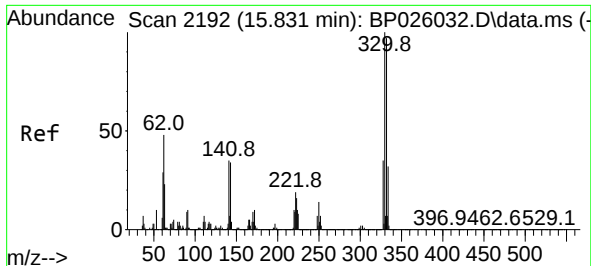
Tgt Ion:122 Resp: 155
Ion Ratio Lower Upper
122 100
105 249.0 104.8 144.8#
77 226.0 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.301 min Scan# 1932
Delta R.T. -0.018 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

Tgt Ion:164 Resp: 621903
Ion Ratio Lower Upper
164 100
162 100.6 81.5 122.3
160 44.6 36.2 54.4

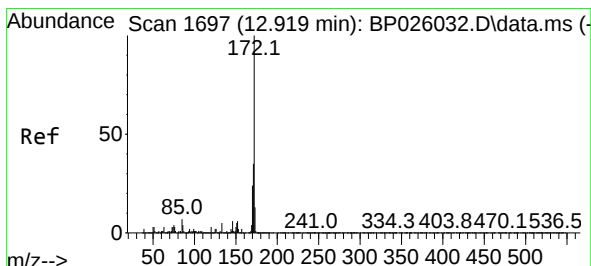
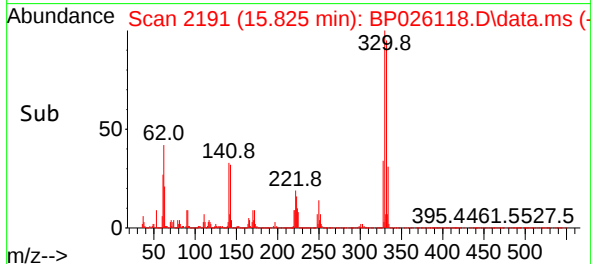
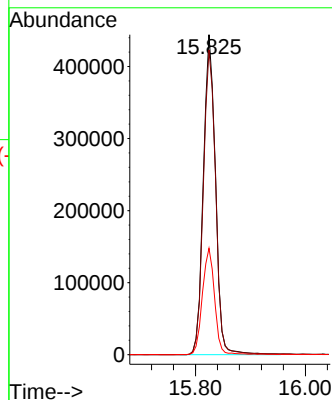
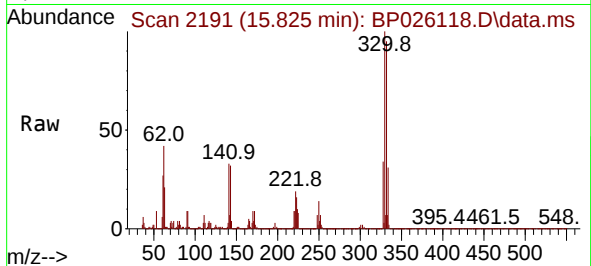




#42
2,4,6-Tribromophenol
Concen: 101.251 ng
RT: 15.825 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

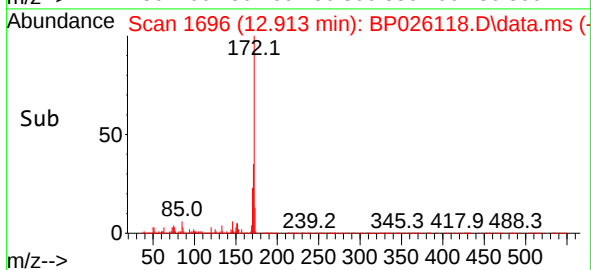
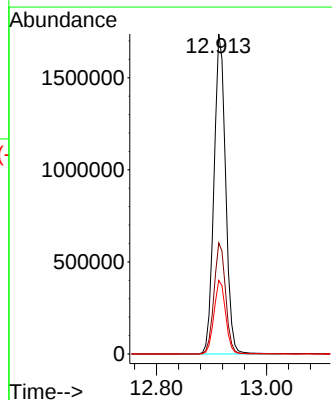
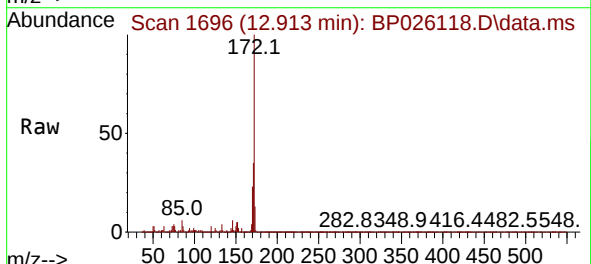
Instrument :
BNA_P
ClientSampleId :
TP-2

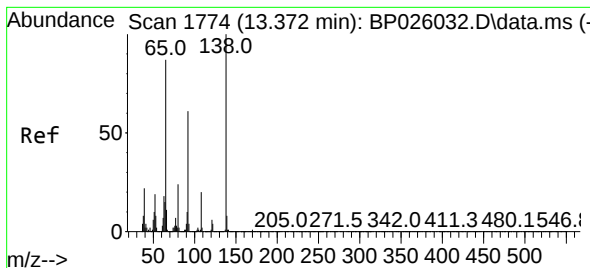
Tgt Ion:330 Resp: 680751
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 33.2 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 59.072 ng
RT: 12.913 min Scan# 1696
Delta R.T. -0.018 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

Tgt Ion:172 Resp: 2556641
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.0 19.0 28.4





#48

2-Nitroaniline

Concen: 2.929 ng

RT: 13.342 min Scan# 1

Delta R.T. -0.036 min

Lab File: BP026118.D

Acq: 12 Nov 2025 18:39

Instrument :

BNA_P

ClientSampleId :

TP-2

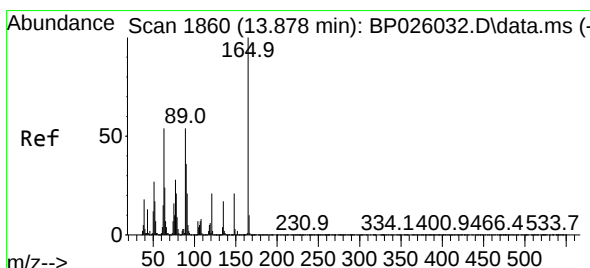
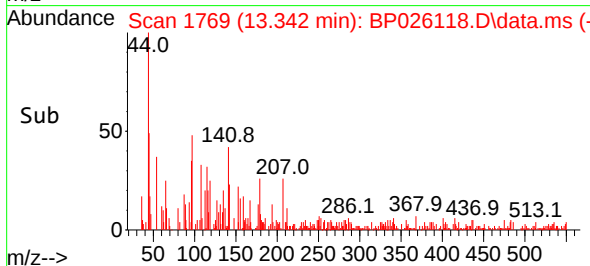
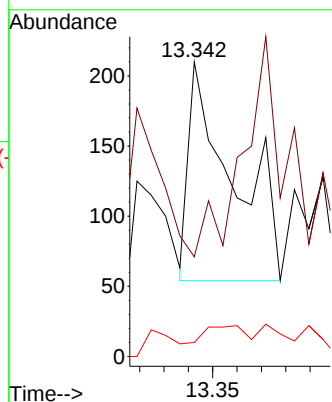
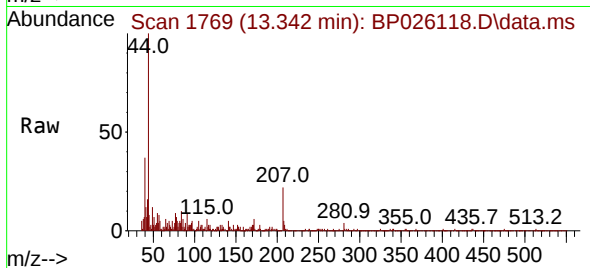
Tgt Ion: 65 Resp: 196

Ion Ratio Lower Upper

65 100

92 33.8 55.5 83.3#

138 4.8 91.7 137.5#



#51

2,6-Dinitrotoluene

Concen: 3.015 ng

RT: 13.860 min Scan# 1857

Delta R.T. -0.018 min

Lab File: BP026118.D

Acq: 12 Nov 2025 18:39

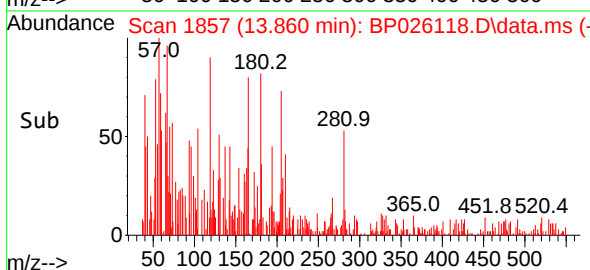
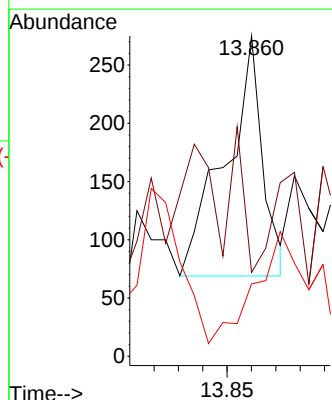
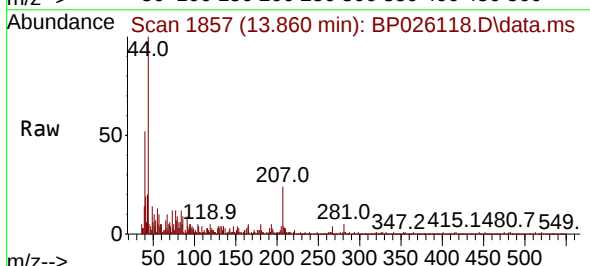
Tgt Ion: 165 Resp: 219

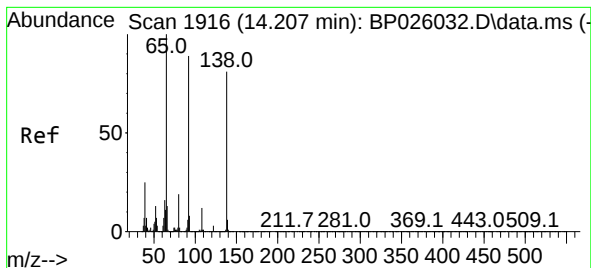
Ion Ratio Lower Upper

165 100

63 26.2 43.0 64.4#

89 22.5 43.0 64.4#

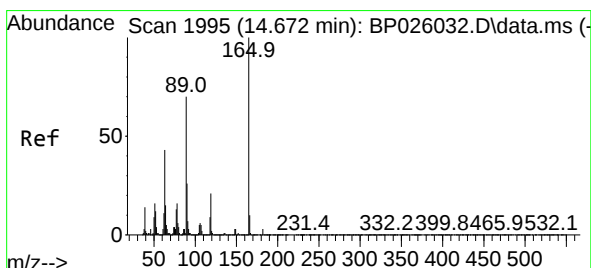
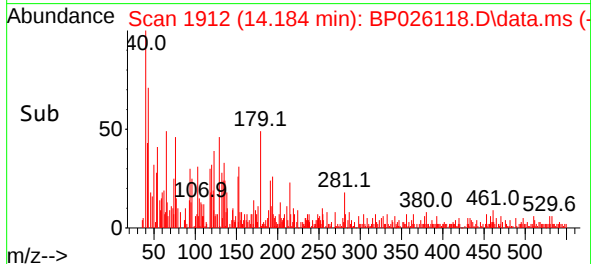
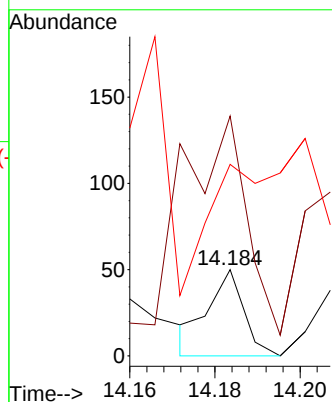
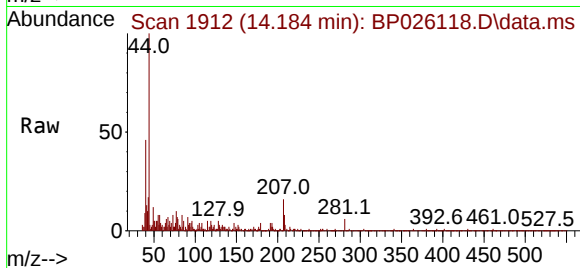




#53
3-Nitroaniline
Concen: 2.640 ng
RT: 14.184 min Scan# 1916
Delta R.T. -0.023 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

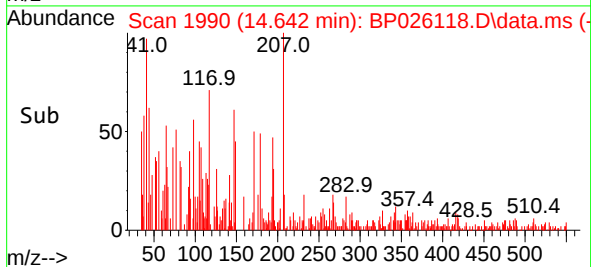
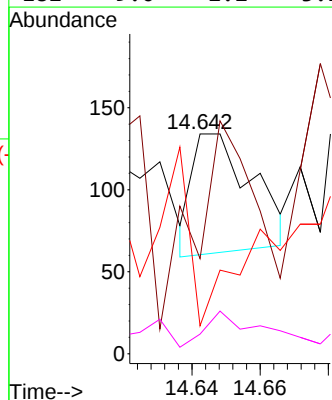
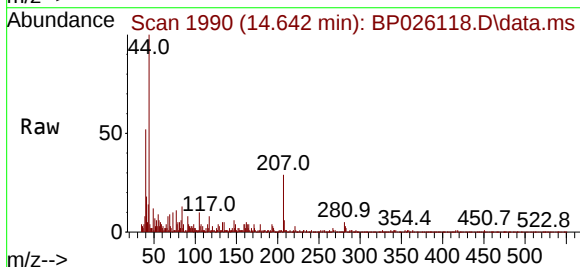
Instrument :
BNA_P
ClientSampleId :
TP-2

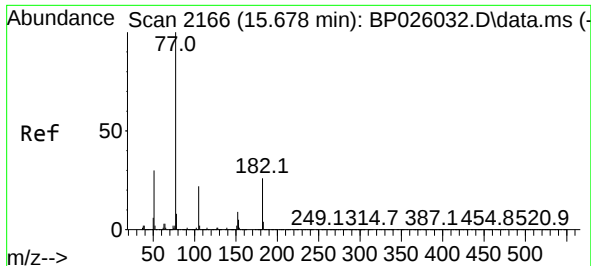
Tgt Ion:138 Resp: 29
Ion Ratio Lower Upper
138 100
108 308.0 11.4 17.0#
92 222.0 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.093 ng
RT: 14.642 min Scan# 1990
Delta R.T. -0.036 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

Tgt Ion:165 Resp: 89
Ion Ratio Lower Upper
165 100
63 43.3 34.2 51.2
89 12.7 56.0 84.0#
182 9.0 2.2 3.2#

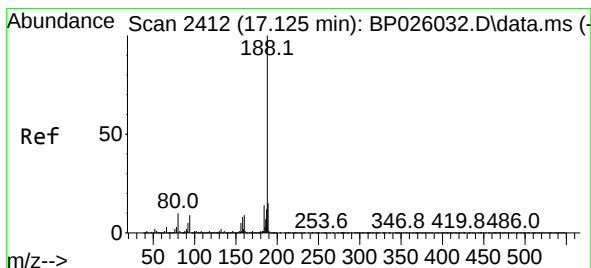
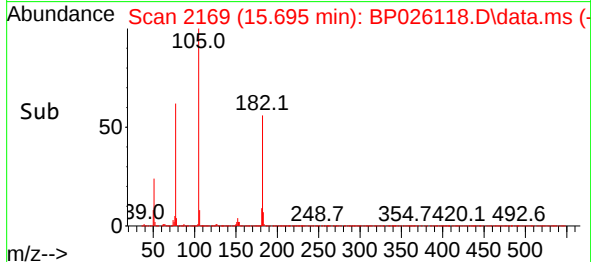
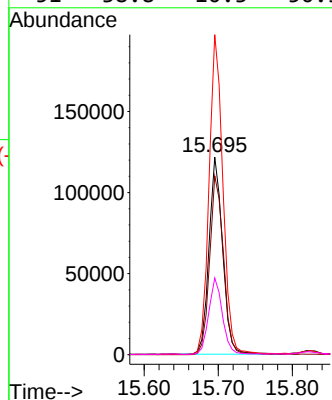
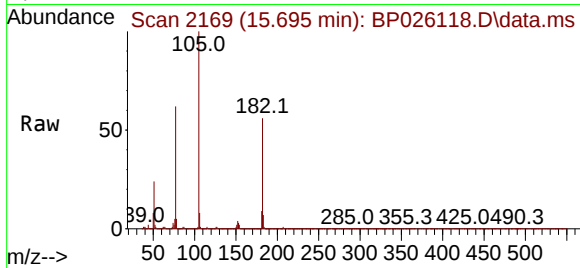




#63
Azobenzene
Concen: 3.792 ng
RT: 15.695 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

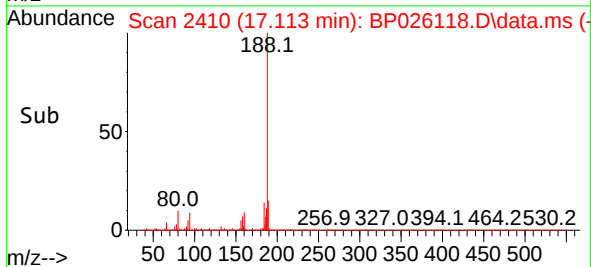
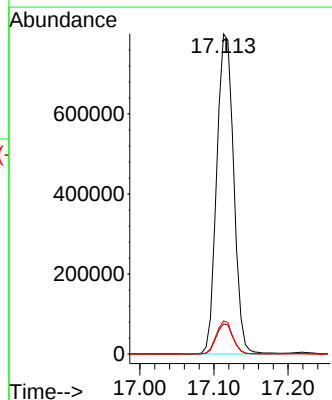
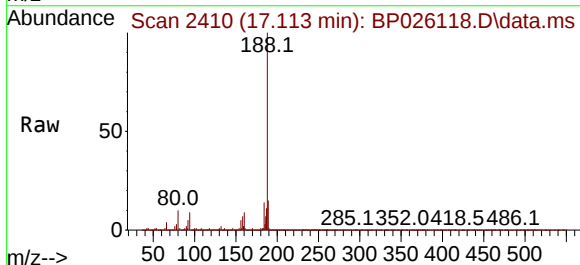
Instrument :
BNA_P
ClientSampleId :
TP-2

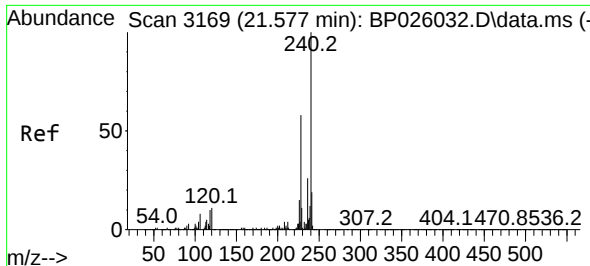
Tgt Ion: 77 Resp: 156280
Ion Ratio Lower Upper
77 100
182 90.5 6.4 46.4#
105 161.9 2.2 42.2#
51 38.8 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.113 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

Tgt Ion:188 Resp: 1272348
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.3 7.9 11.9

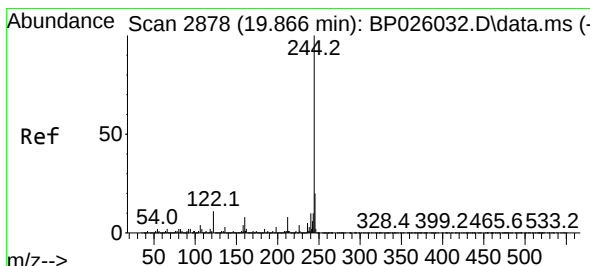
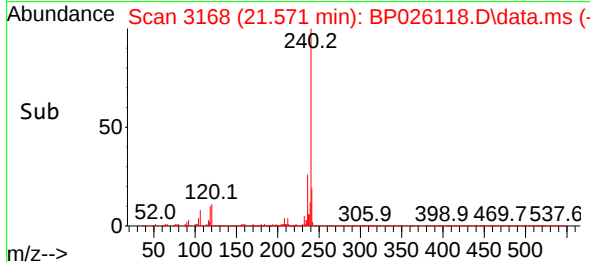
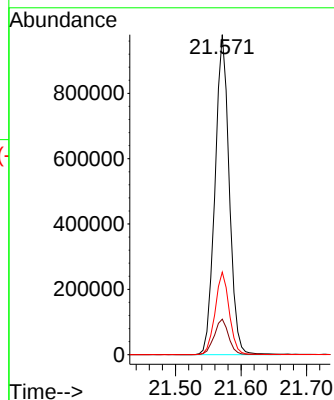
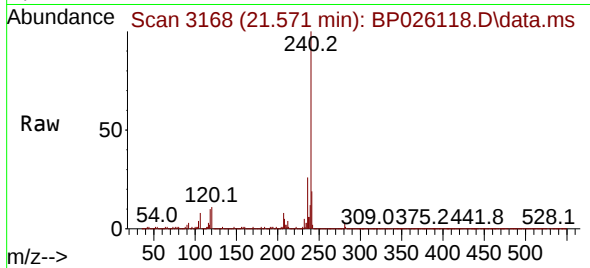




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

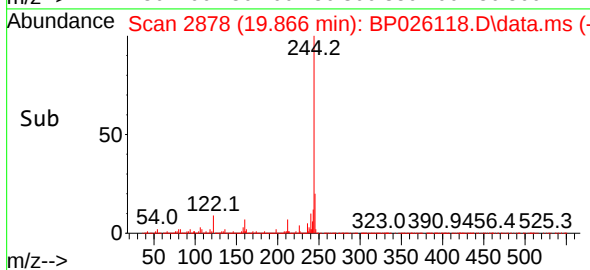
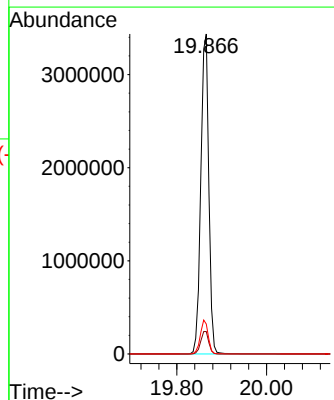
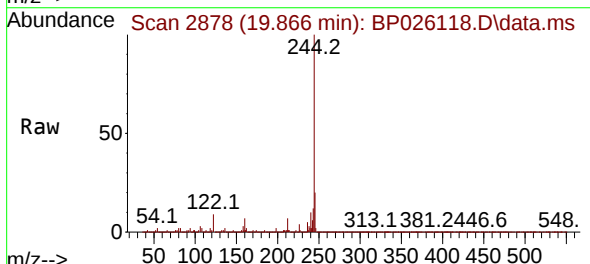
Instrument :
BNA_P
ClientSampleId :
TP-2

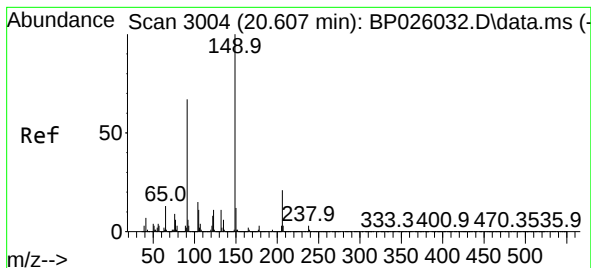
Tgt Ion:240 Resp: 1471499
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.8 20.6 31.0



#79
Terphenyl-d14
Concen: 58.348 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026118.D
Acq: 12 Nov 2025 18:39

Tgt Ion:244 Resp: 4225989
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.4 9.0 13.6





#80

Butylbenzylphthalate

Concen: 3.416 ng

RT: 20.389 min Scan# 2967

Delta R.T. -0.218 min

Lab File: BP026118.D

Acq: 12 Nov 2025 18:39

Instrument :

BNA_P

ClientSampleId :

TP-2

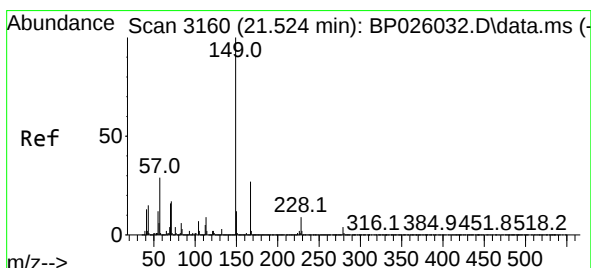
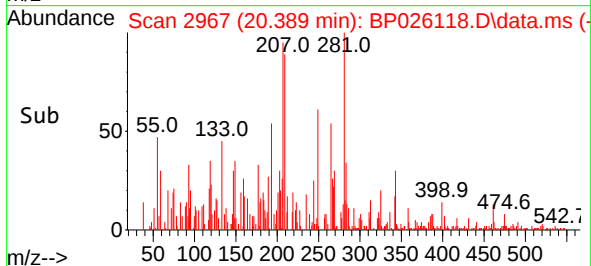
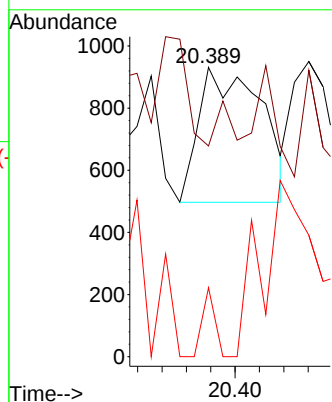
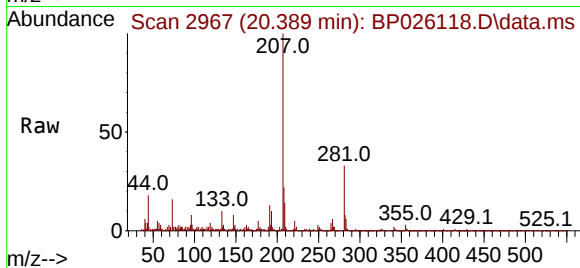
Tgt Ion:149 Resp: 770

Ion Ratio Lower Upper

149 100

91 72.8 53.5 80.3

206 23.8 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.691 ng

RT: 21.524 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP026118.D

Acq: 12 Nov 2025 18:39

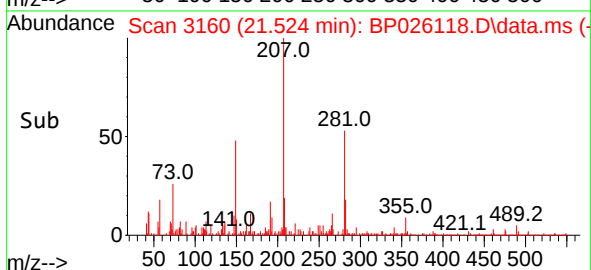
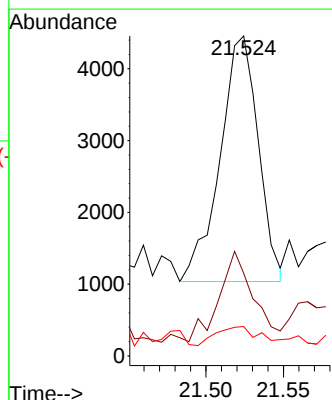
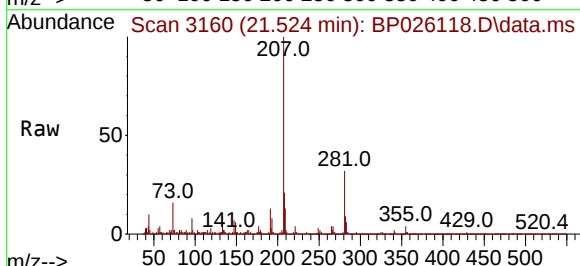
Tgt Ion:149 Resp: 5867

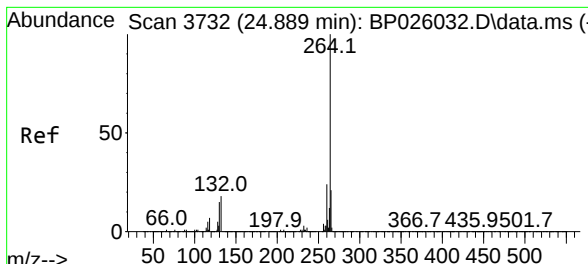
Ion Ratio Lower Upper

149 100

167 25.8 21.5 32.3

279 9.2 3.0 4.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.895 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP026118.D
 Acq: 12 Nov 2025 18:39

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Tgt Ion:264 Resp: 1704131
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 22.0 17.2 25.8

