

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026085.D
 Acq On : 06 Nov 2025 20:30
 Operator : RC/JU
 Sample : Q3537-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-17-PURGE-WATER

Quant Time: Nov 07 01:02:52 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)

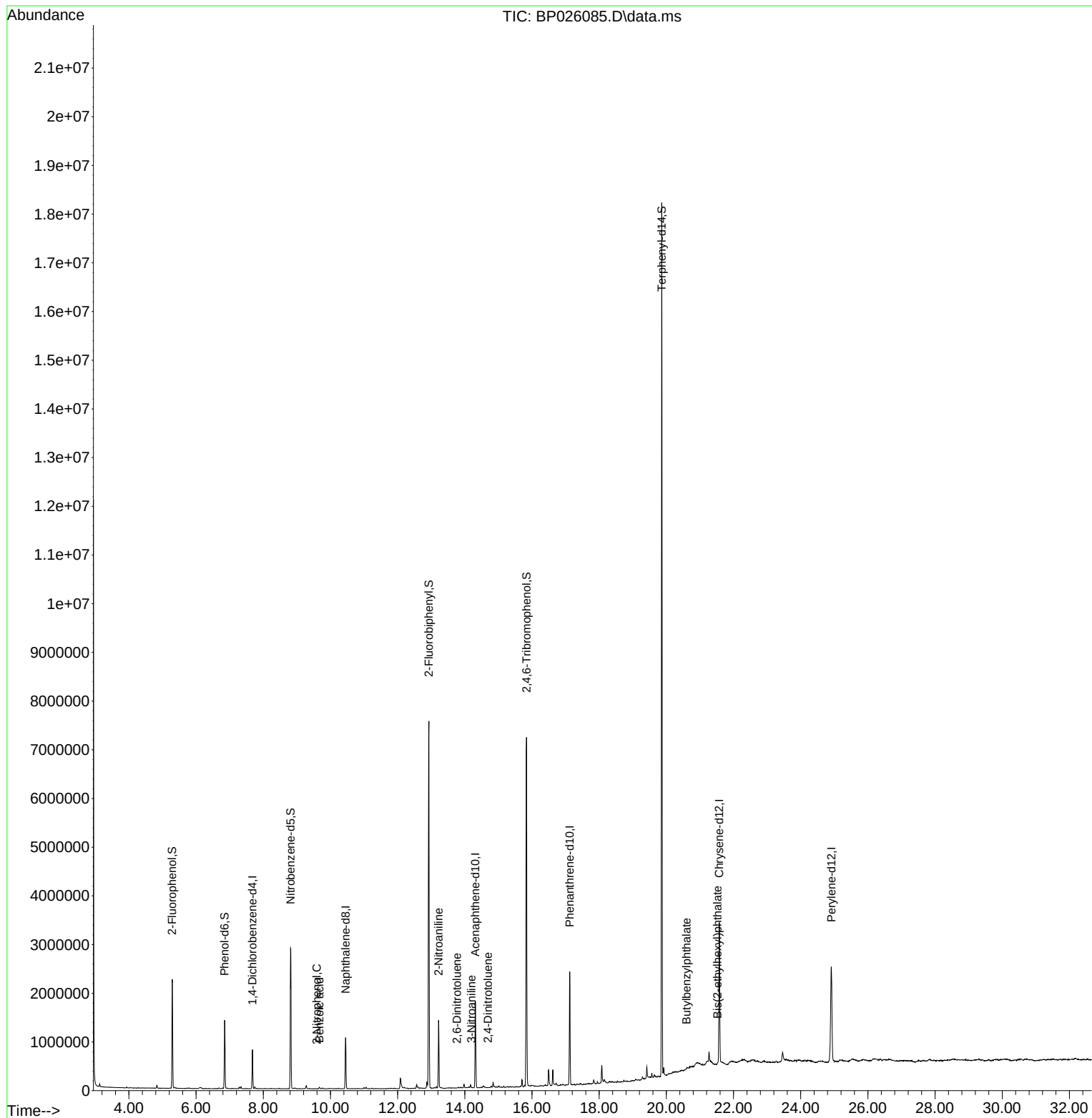
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	212465	20.000	ng	-0.01
21) Naphthalene-d8	10.454	136	864271	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	606571	20.000	ng	0.00
64) Phenanthrene-d10	17.124	188	1506938	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1846729	20.000	ng	0.01
86) Perylene-d12	24.912	264	2046131	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1009381	78.393	ng	0.00
7) Phenol-d6	6.849	99	810390	49.449	ng	0.00
23) Nitrobenzene-d5	8.813	82	1557828	112.366	ng	-0.01
42) 2,4,6-Tribromophenol	15.836	330	1516968	231.329	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	4008217	94.952	ng	0.00
79) Terphenyl-d14	19.866	244	8814408	96.972	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.590	139	122	2.699	ng	# 37
32) Benzoic acid	9.672	122	13146	5.341	ng	91
48) 2-Nitroaniline	13.219	65	21843	5.092	ng	# 11
51) 2,6-Dinitrotoluene	13.766	165	144	3.007	ng	93
53) 3-Nitroaniline	14.195	138	45	2.642	ng	# 38
57) 2,4-Dinitrotoluene	14.689	165	765	3.146	ng	# 74
80) Butylbenzylphthalate	20.601	149	2080	3.438	ng	# 21
84) Bis(2-ethylhexyl)phtha...	21.524	149	13828	2.773	ng	# 96

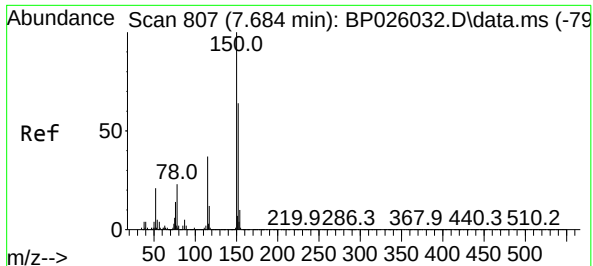
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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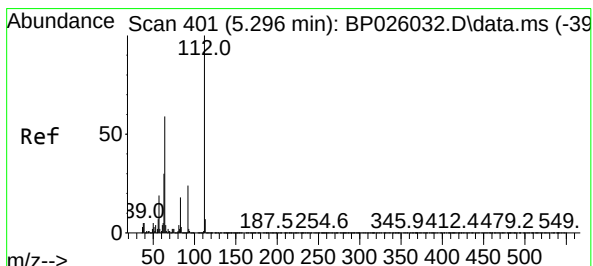
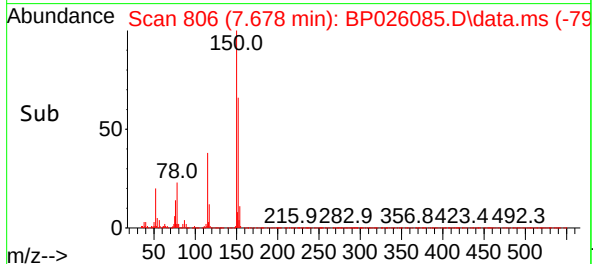
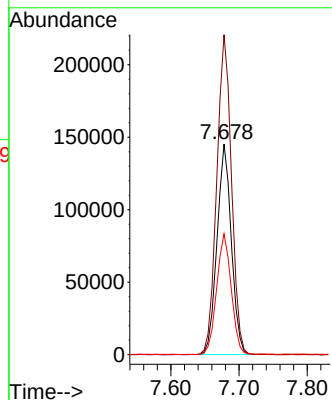
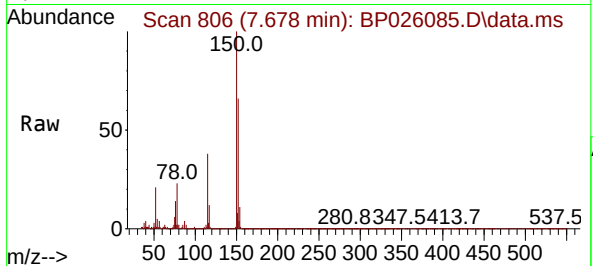




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 807
Delta R.T. -0.012 min
Lab File: BP026085.D
Acq: 06 Nov 2025 20:30

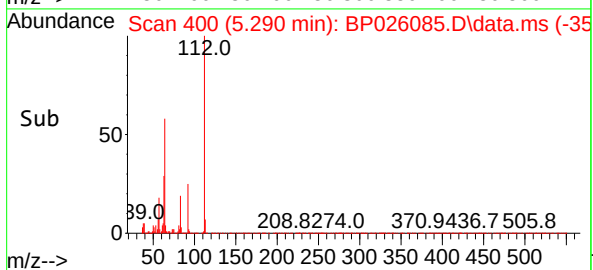
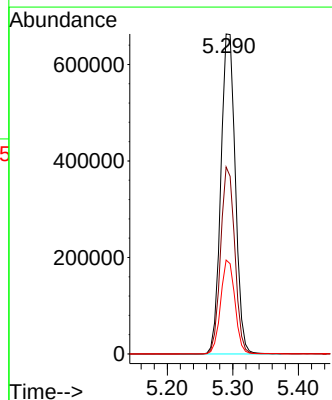
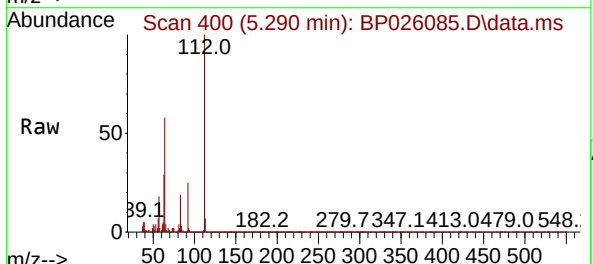
Instrument :
BNA_P
ClientSampleId :
MW-17-PURGE-WATER

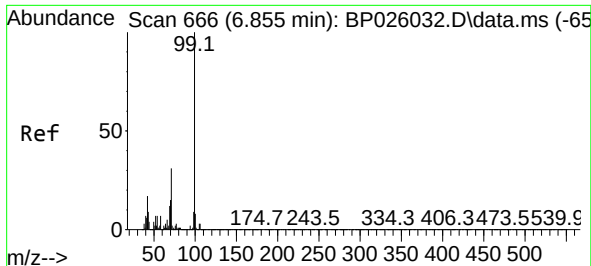
Tgt Ion:152 Resp: 212465
Ion Ratio Lower Upper
152 100
150 152.0 125.7 188.5
115 57.4 46.4 69.6



#5
2-Fluorophenol
Concen: 78.393 ng
RT: 5.290 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP026085.D
Acq: 06 Nov 2025 20:30

Tgt Ion:112 Resp: 1009381
Ion Ratio Lower Upper
112 100
64 58.4 47.4 71.2
63 29.3 24.2 36.4

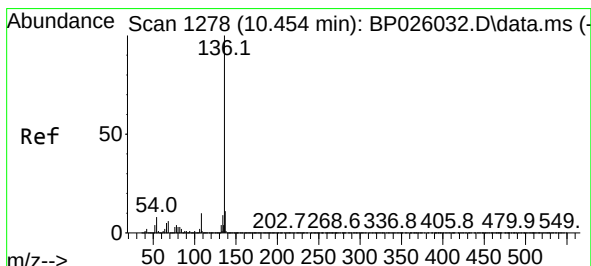
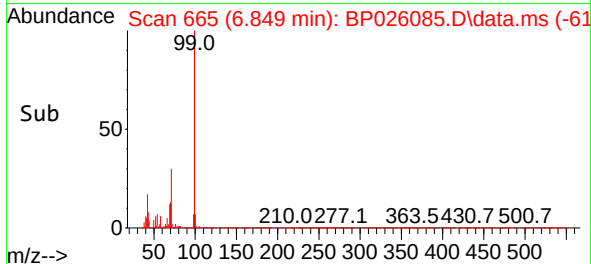
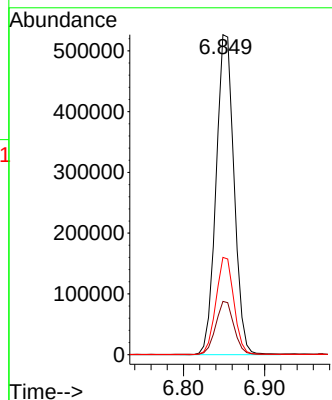
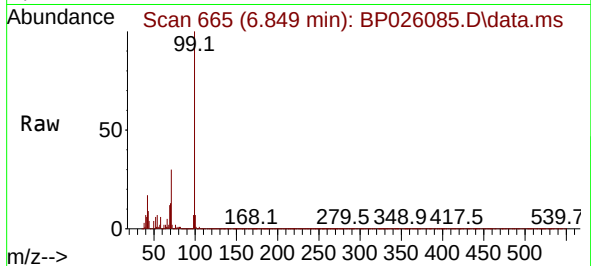




#7
Phenol-d6
Concen: 49.449 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026085.D
Acq: 06 Nov 2025 20:30

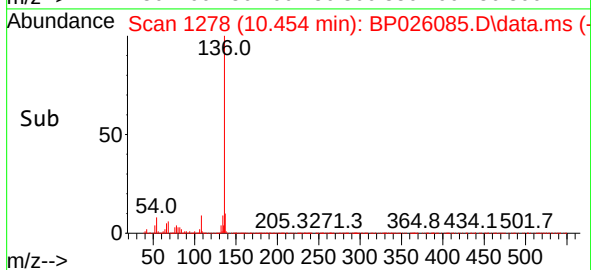
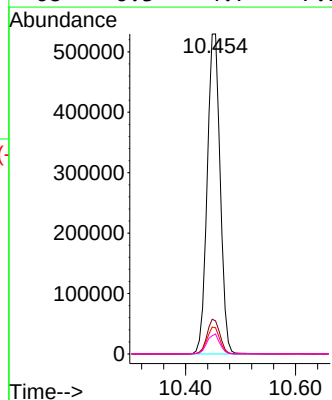
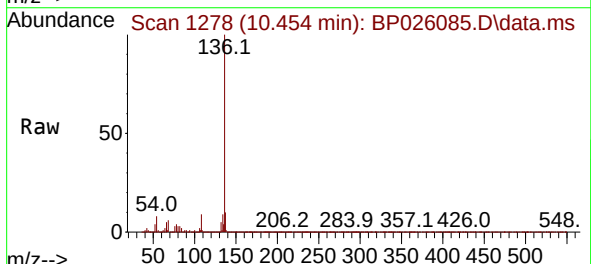
Instrument :
BNA_P
ClientSampleId :
MW-17-PURGE-WATER

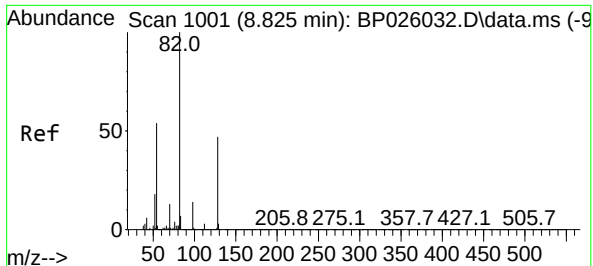
Tgt Ion: 99 Resp: 810390
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 30.4 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP026085.D
Acq: 06 Nov 2025 20:30

Tgt Ion: 136 Resp: 864271
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.2 6.6 10.0
68 6.3 4.7 7.1

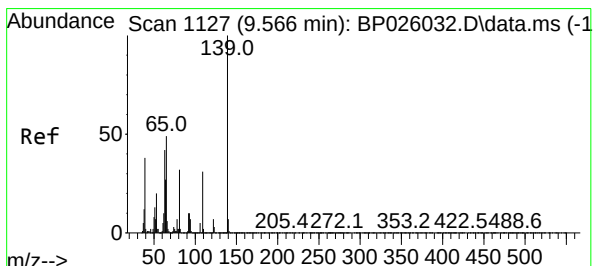
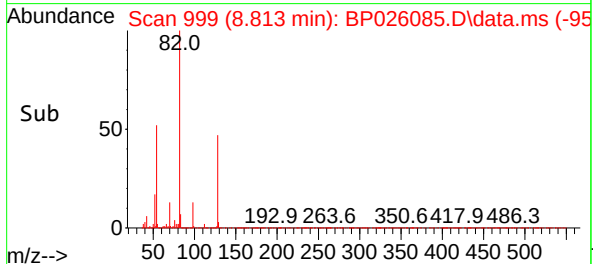
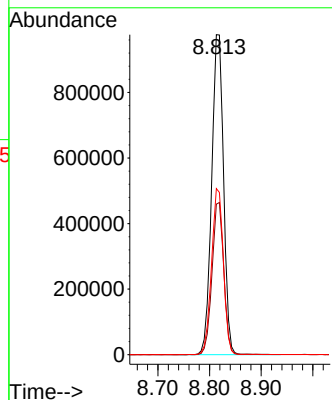
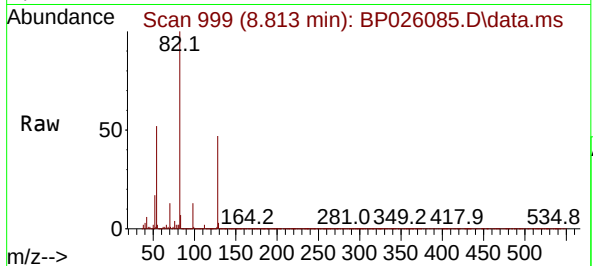




#23
Nitrobenzene-d5
Concen: 112.366 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP026085.D
Acq: 06 Nov 2025 20:30

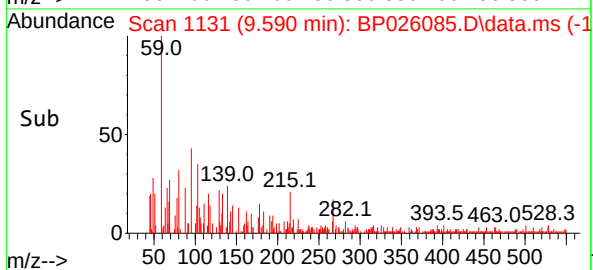
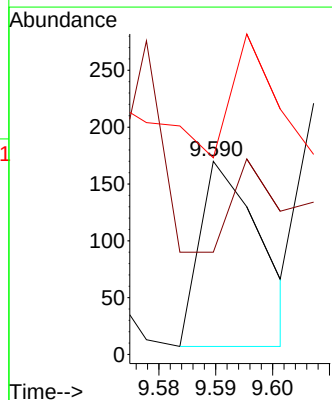
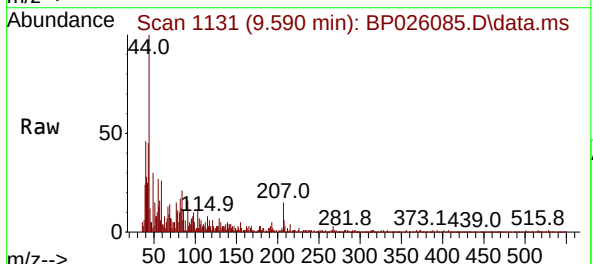
Instrument :
BNA_P
ClientSampleId :
MW-17-PURGE-WATER

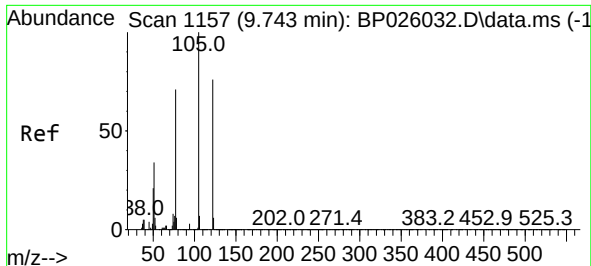
Tgt Ion: 82 Resp: 1557828
Ion Ratio Lower Upper
82 100
128 47.0 37.4 56.0
54 51.9 42.7 64.1



#26
2-Nitrophenol
Concen: 2.699 ng
RT: 9.590 min Scan# 1131
Delta R.T. 0.024 min
Lab File: BP026085.D
Acq: 06 Nov 2025 20:30

Tgt Ion:139 Resp: 122
Ion Ratio Lower Upper
139 100
109 52.9 24.8 37.2#
65 101.8 39.0 58.4#

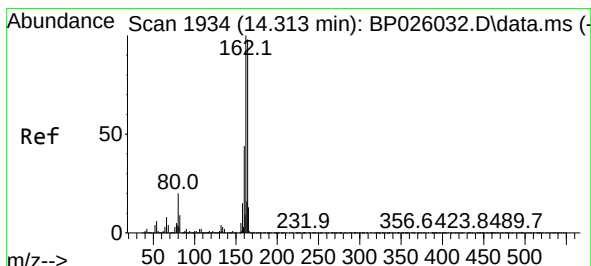
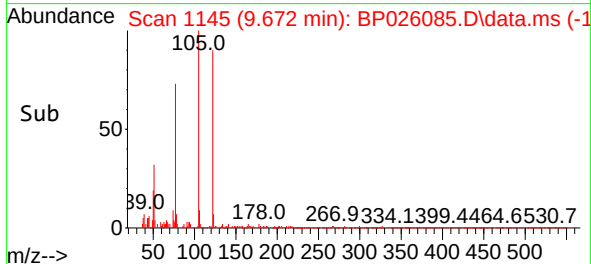
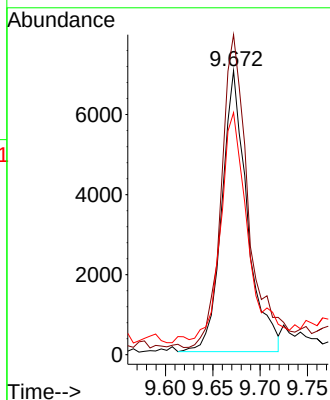
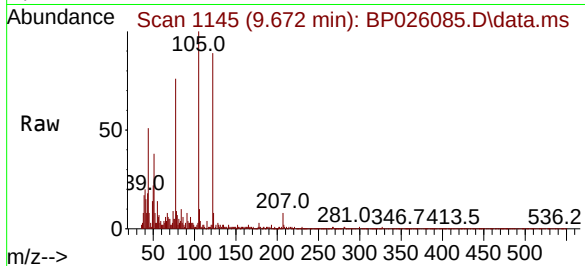




#32
Benzoic acid
Concen: 5.341 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.106 min
Lab File: BP026085.D
Acq: 06 Nov 2025 20:30

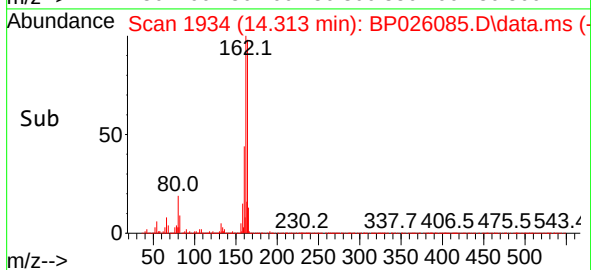
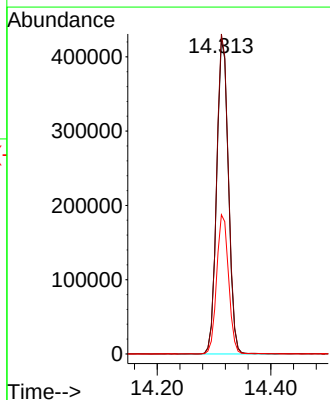
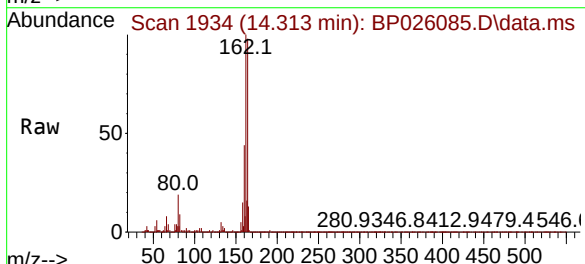
Instrument :
BNA_P
ClientSampleId :
MW-17-PURGE-WATER

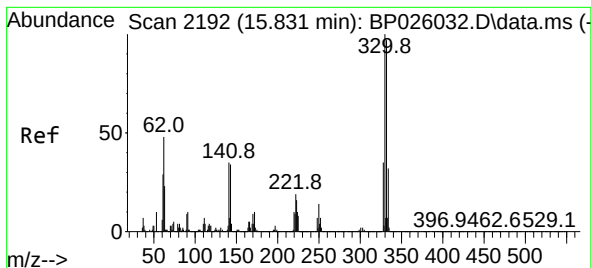
Tgt Ion:122 Resp: 13146
Ion Ratio Lower Upper
122 100
105 112.7 104.8 144.8
77 85.2 70.9 110.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026085.D
Acq: 06 Nov 2025 20:30

Tgt Ion:164 Resp: 606571
Ion Ratio Lower Upper
164 100
162 101.7 81.5 122.3
160 44.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 231.329 ng

RT: 15.836 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP026085.D

Acq: 06 Nov 2025 20:30

Instrument :

BNA_P

ClientSampleId :

MW-17-PURGE-WATER

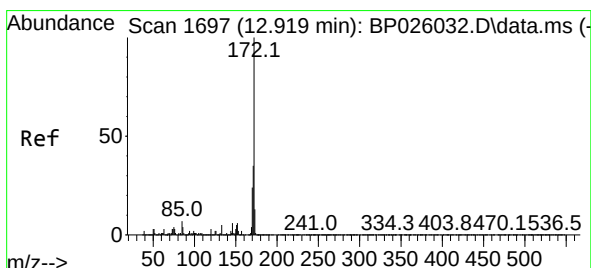
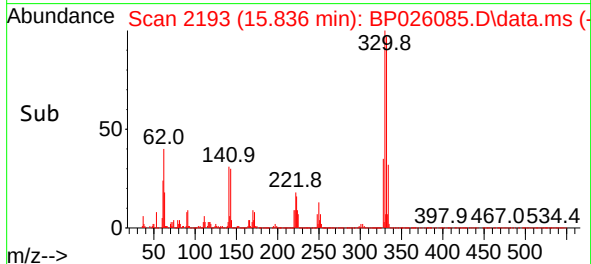
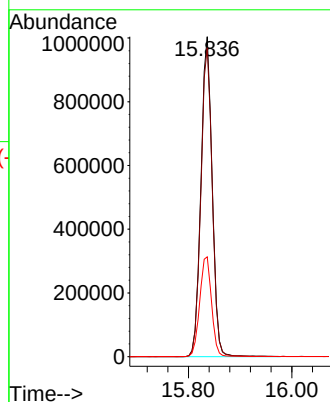
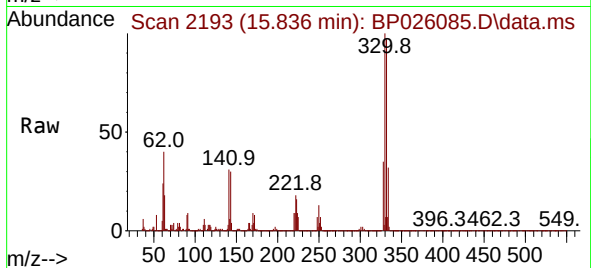
Tgt Ion:330 Resp: 1516968

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

141 32.8 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 94.952 ng

RT: 12.931 min Scan# 1699

Delta R.T. -0.000 min

Lab File: BP026085.D

Acq: 06 Nov 2025 20:30

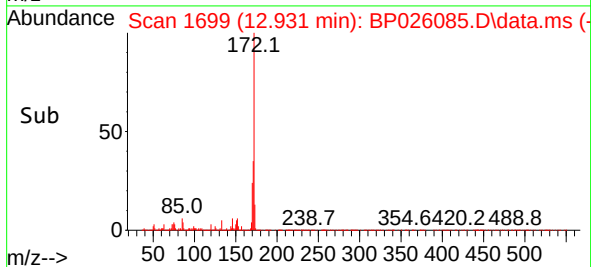
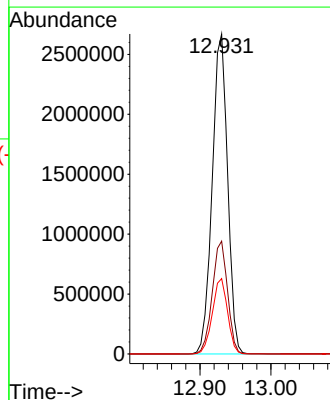
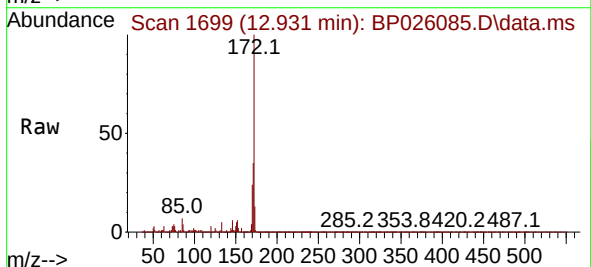
Tgt Ion:172 Resp: 4008217

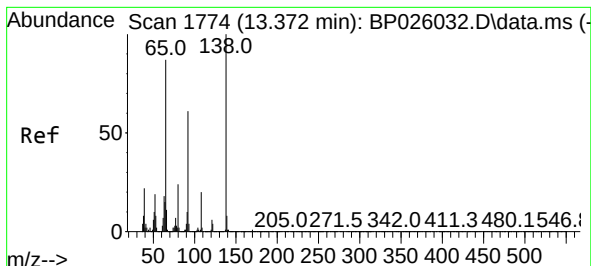
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.5 19.0 28.4





#48

2-Nitroaniline

Concen: 5.092 ng

RT: 13.219 min Scan# 1

Delta R.T. -0.159 min

Lab File: BP026085.D

Acq: 06 Nov 2025 20:30

Instrument :

BNA_P

ClientSampleId :

MW-17-PURGE-WATER

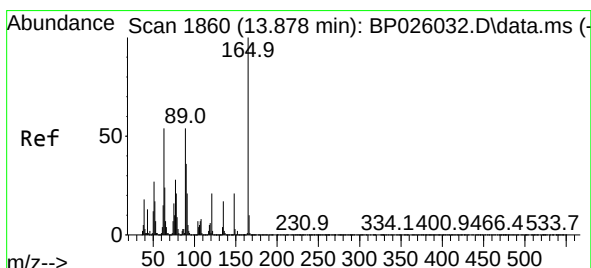
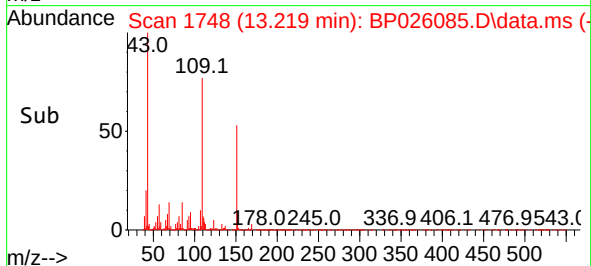
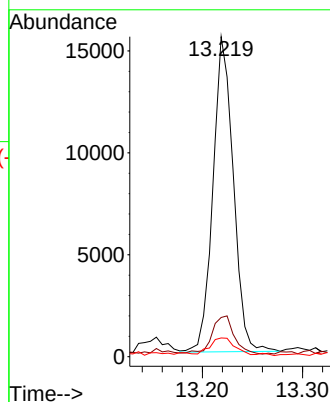
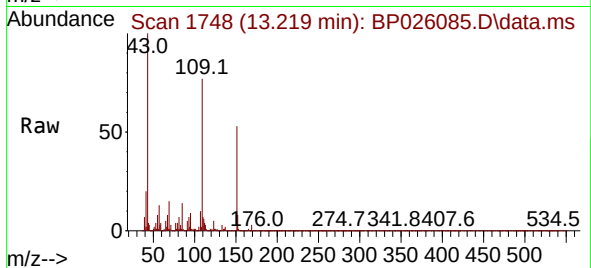
Tgt Ion: 65 Resp: 21843

Ion Ratio Lower Upper

65 100

92 12.2 55.5 83.3#

138 5.9 91.7 137.5#



#51

2,6-Dinitrotoluene

Concen: 3.007 ng

RT: 13.766 min Scan# 1841

Delta R.T. -0.112 min

Lab File: BP026085.D

Acq: 06 Nov 2025 20:30

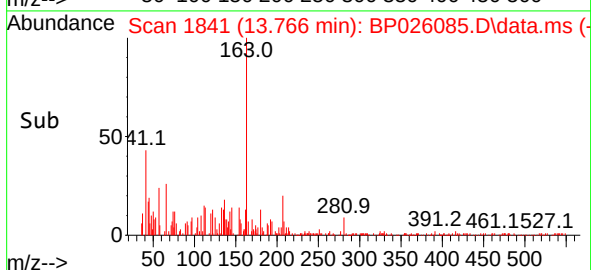
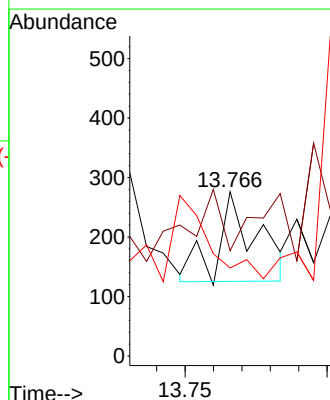
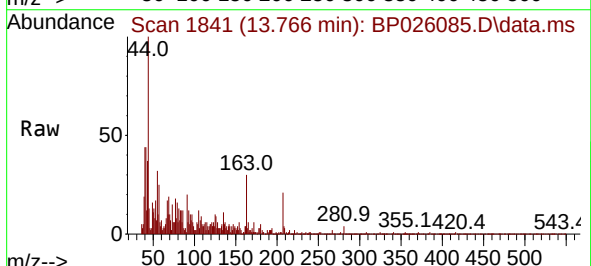
Tgt Ion: 165 Resp: 144

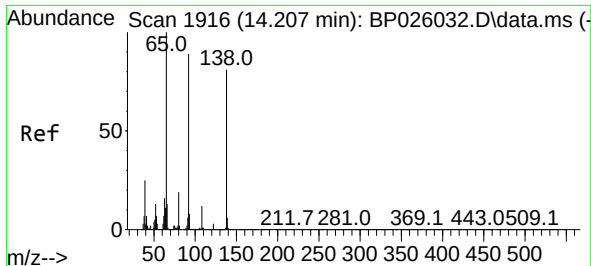
Ion Ratio Lower Upper

165 100

63 64.1 43.0 64.4

89 53.6 43.0 64.4

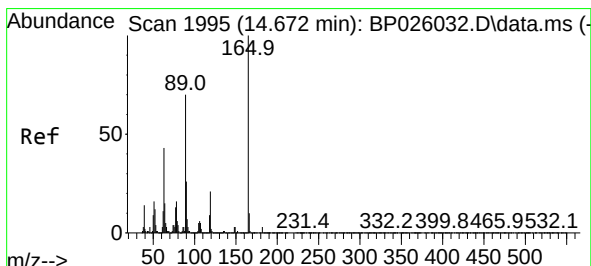
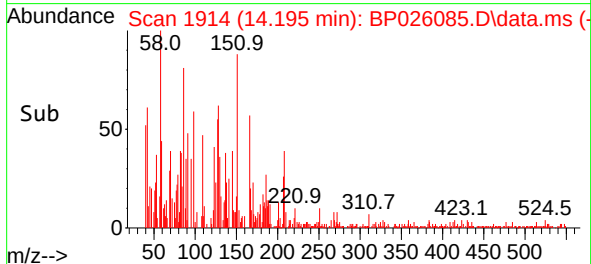
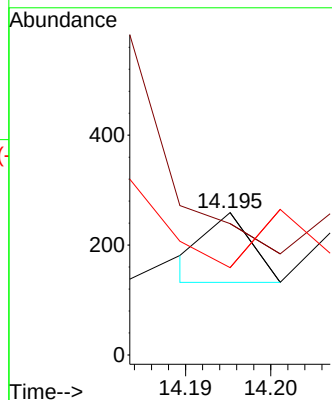
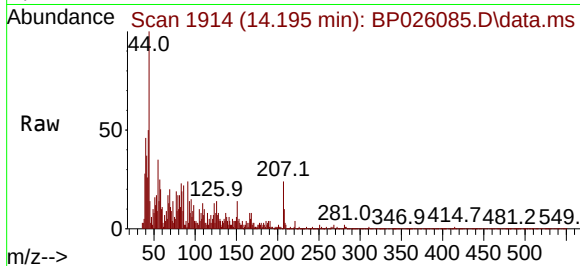




#53
3-Nitroaniline
Concen: 2.642 ng
RT: 14.195 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP026085.D
Acq: 06 Nov 2025 20:30

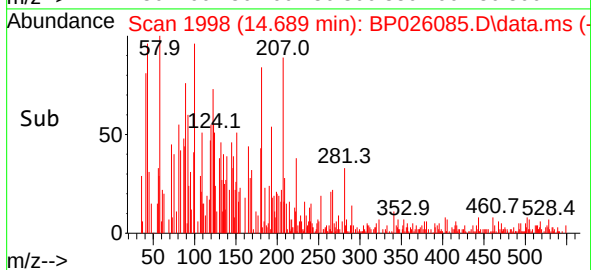
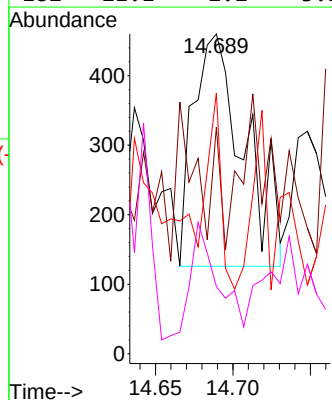
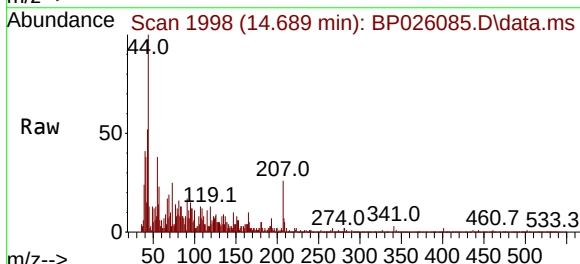
Instrument :
BNA_P
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MW-17-PURGE-WATER

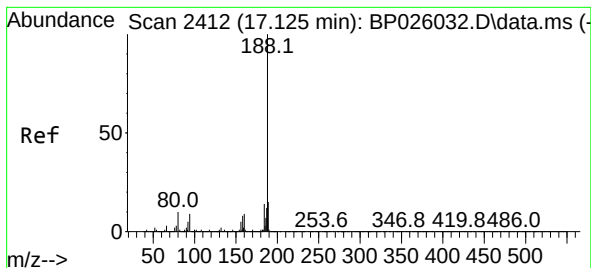
Tgt Ion:138 Resp: 45
Ion Ratio Lower Upper
138 100
108 92.3 11.4 17.0#
92 61.4 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.146 ng
RT: 14.689 min Scan# 1998
Delta R.T. 0.011 min
Lab File: BP026085.D
Acq: 06 Nov 2025 20:30

Tgt Ion:165 Resp: 765
Ion Ratio Lower Upper
165 100
63 70.9 34.2 51.2#
89 81.5 56.0 84.0
182 21.1 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.124 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BP026085.D

Acq: 06 Nov 2025 20:30

Instrument :

BNA_P

ClientSampleId :

MW-17-PURGE-WATER

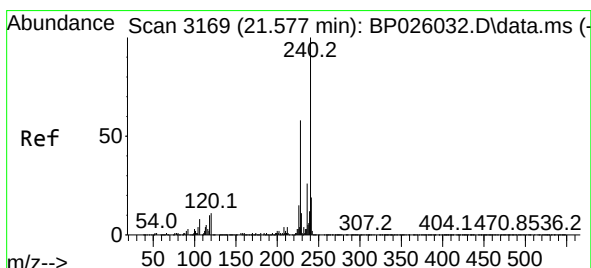
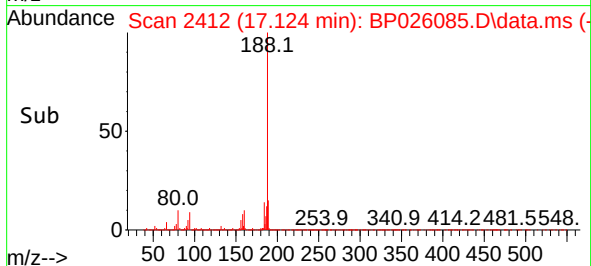
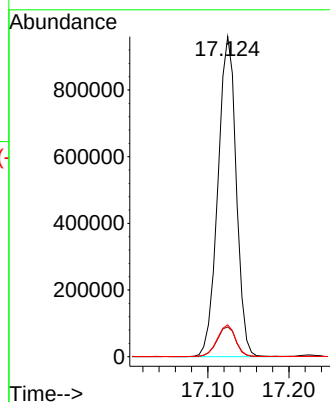
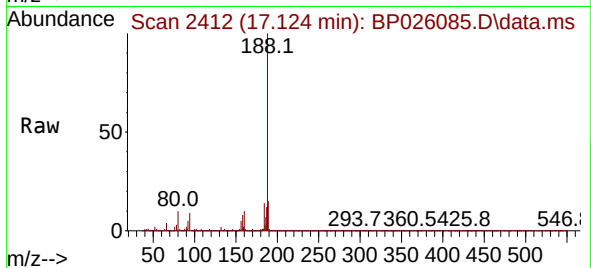
Tgt Ion:188 Resp: 1506938

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 9.9 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: BP026085.D

Acq: 06 Nov 2025 20:30

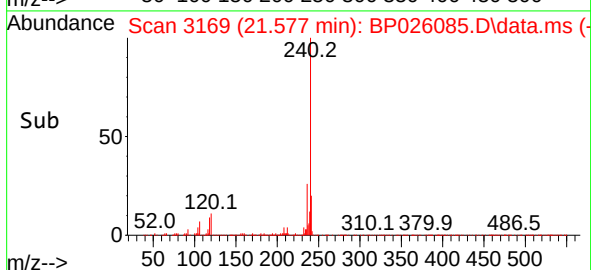
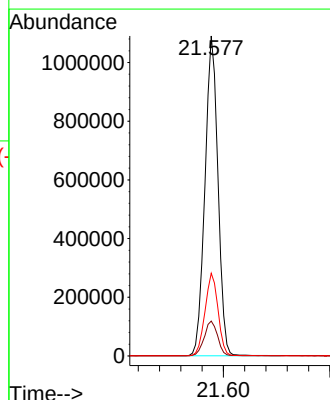
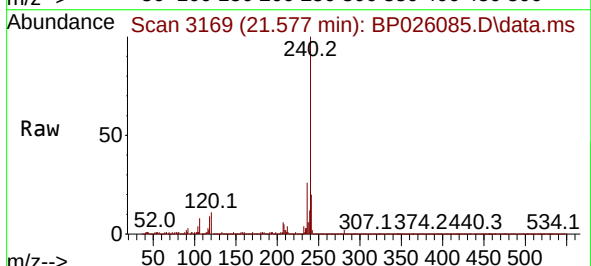
Tgt Ion:240 Resp: 1846729

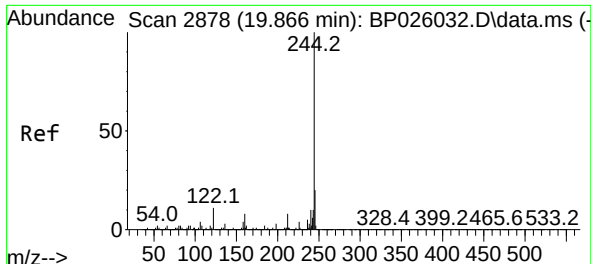
Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 25.9 20.6 31.0

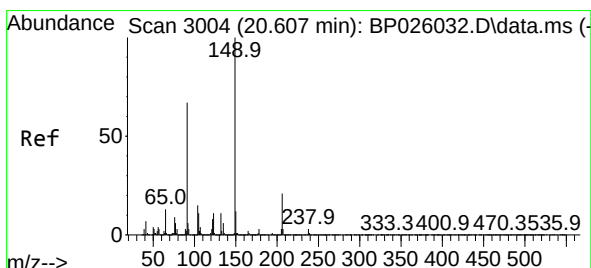
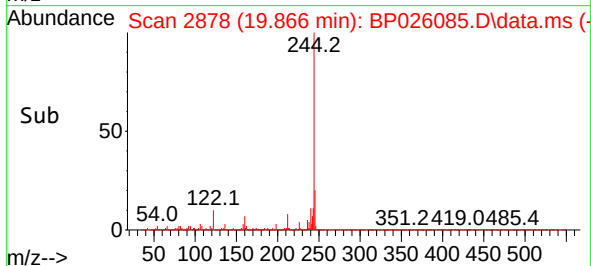
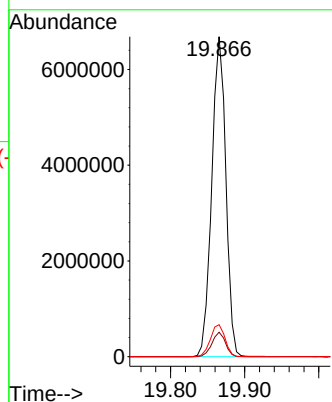
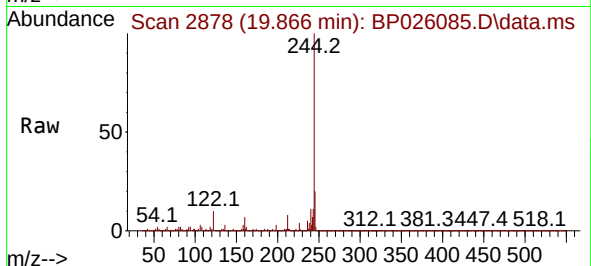




#79
 Terphenyl-d14
 Concen: 96.972 ng
 RT: 19.866 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP026085.D
 Acq: 06 Nov 2025 20:30

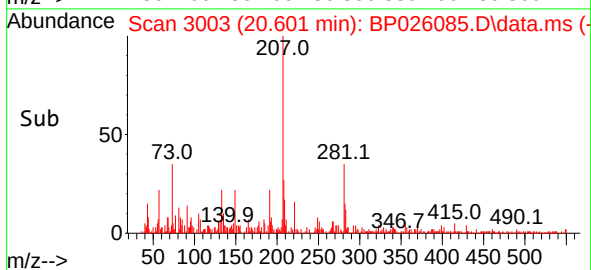
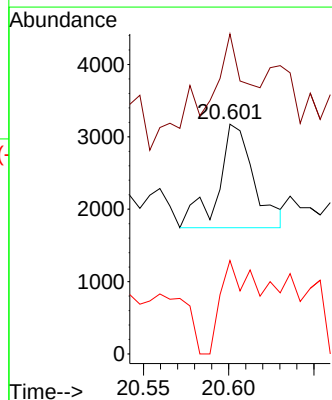
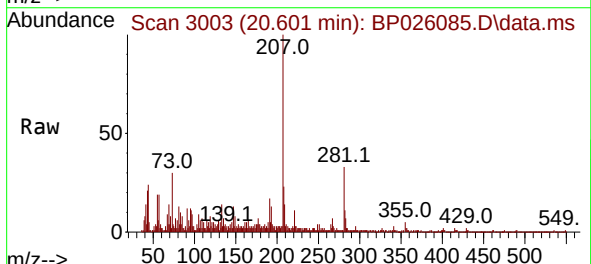
Instrument :
 BNA_P
 ClientSampleId :
 MW-17-PURGE-WATER

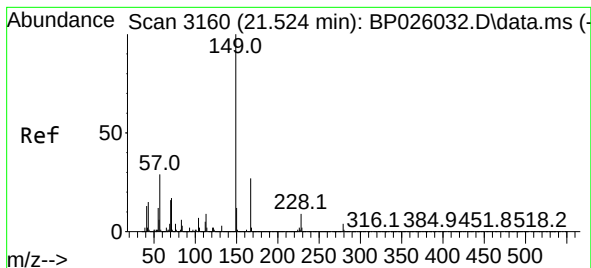
Tgt Ion:244 Resp: 8814408
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 10.0 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.438 ng
 RT: 20.601 min Scan# 3003
 Delta R.T. -0.006 min
 Lab File: BP026085.D
 Acq: 06 Nov 2025 20:30

Tgt Ion:149 Resp: 2080
 Ion Ratio Lower Upper
 149 100
 91 139.3 53.5 80.3#
 206 40.7 16.6 25.0#

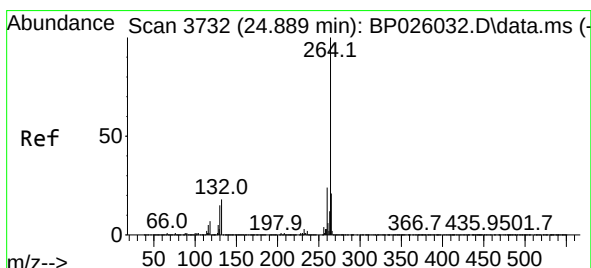
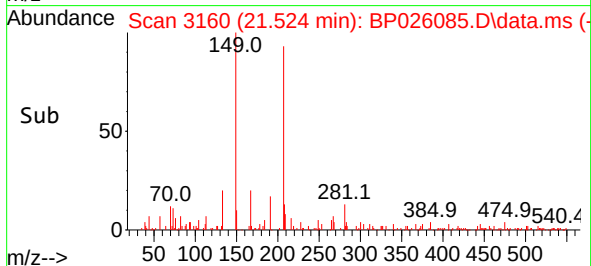
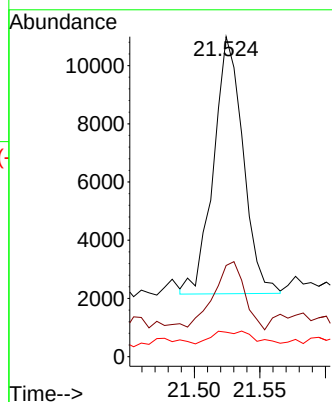
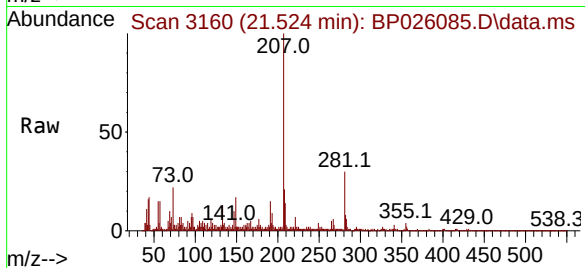




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.773 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026085.D
Acq: 06 Nov 2025 20:30

Instrument :
BNA_P
ClientSampleId :
MW-17-PURGE-WATER

Tgt Ion:149 Resp: 13828
Ion Ratio Lower Upper
149 100
167 28.5 21.5 32.3
279 7.7 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 3736
Delta R.T. 0.029 min
Lab File: BP026085.D
Acq: 06 Nov 2025 20:30

Tgt Ion:264 Resp: 2046131
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.8 17.2 25.8

