

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111425\
 Data File : BP026138.D
 Acq On : 14 Nov 2025 12:44
 Operator : RC/JU
 Sample : PB170551BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170551BL

Quant Time: Nov 14 13:04:49 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)

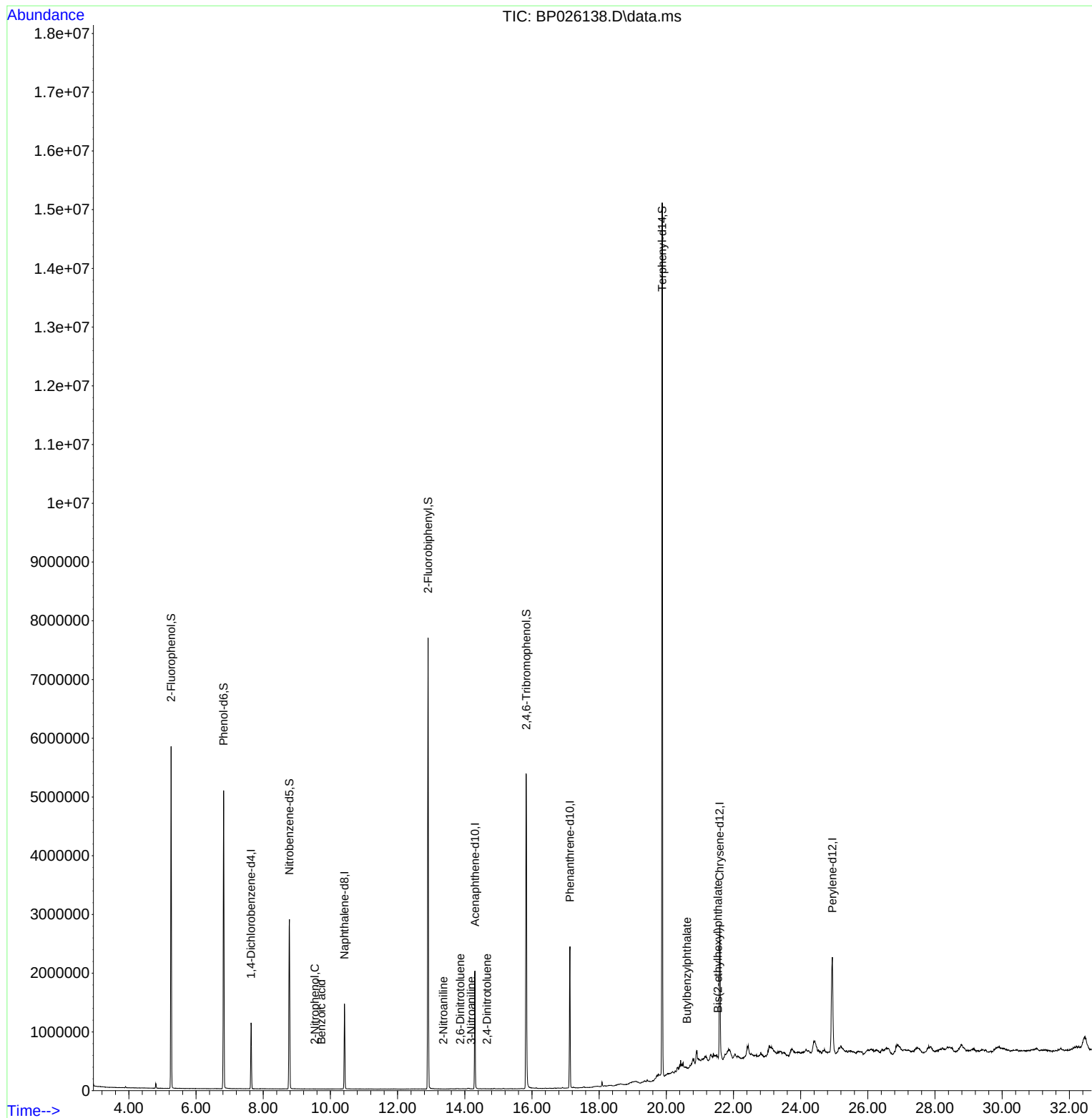
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.637	152	300946	20.000	ng	-0.05
21) Naphthalene-d8	10.419	136	1151878	20.000	ng	-0.03
39) Acenaphthene-d10	14.301	164	725078	20.000	ng	-0.02
64) Phenanthrene-d10	17.131	188	1566851	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1677427	20.000	ng	0.02
86) Perylene-d12	24.942	264	1886336	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.255	112	2462401	135.014	ng	-0.04
7) Phenol-d6	6.819	99	3006380	129.510	ng	-0.03
23) Nitrobenzene-d5	8.778	82	1772548	95.931	ng	-0.05
42) 2,4,6-Tribromophenol	15.831	330	1296035	165.336	ng	0.00
45) 2-Fluorobiphenyl	12.907	172	4209628	83.424	ng	-0.02
79) Terphenyl-d14	19.878	244	7325559	88.727	ng	0.01
Target Compounds						Qvalue
26) 2-Nitrophenol	9.537	139	59	2.685	ng	# 1
32) Benzoic acid	9.731	122	91	3.127	ng	# 2
48) 2-Nitroaniline	13.360	65	85	2.917	ng	# 54
51) 2,6-Dinitrotoluene	13.866	165	237	3.013	ng	# 76
53) 3-Nitroaniline	14.190	138	126	2.648	ng	# 54
57) 2,4-Dinitrotoluene	14.660	165	135	3.095	ng	# 81
80) Butylbenzylphthalate	20.619	149	1567	3.431	ng	# 79
84) Bis(2-ethylhexyl)phtha...	21.536	149	12894	2.778	ng	# 94

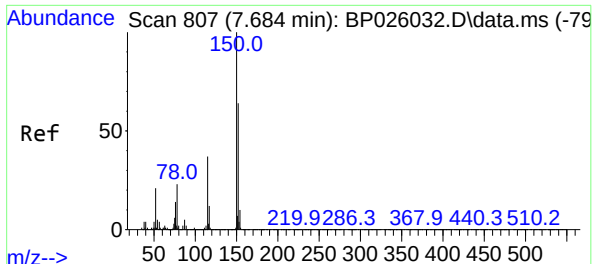
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111425\
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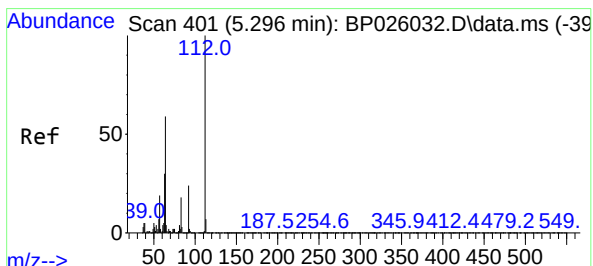
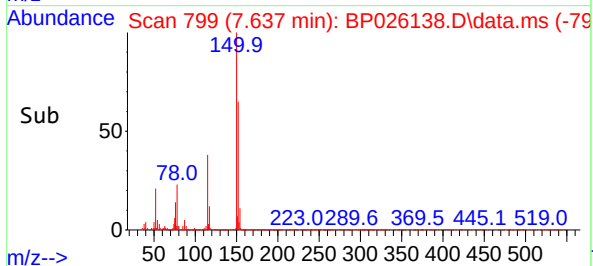
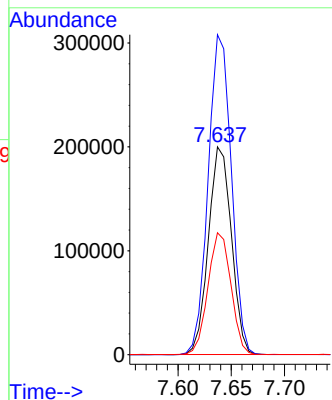
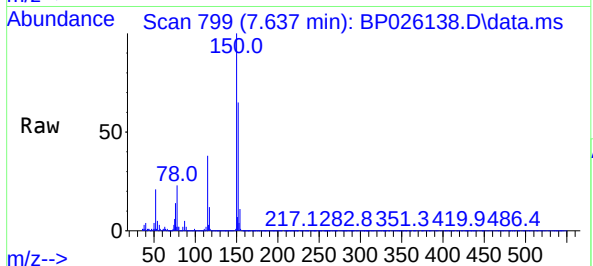




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.637 min Scan# 79
Delta R.T. -0.053 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

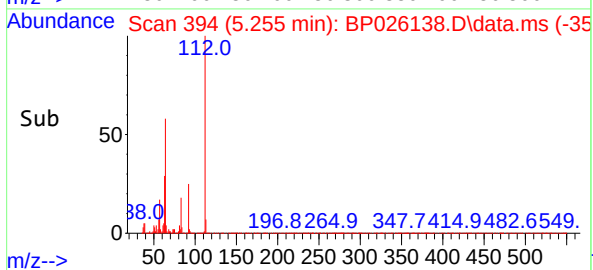
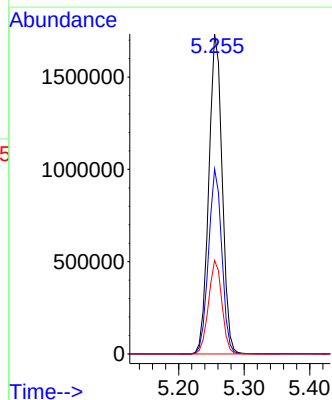
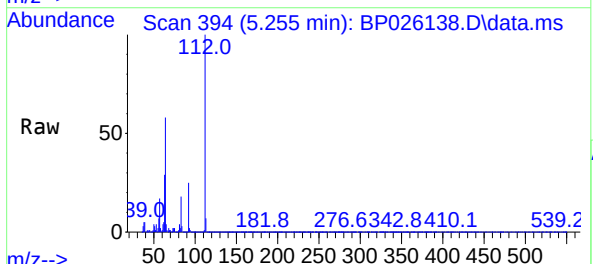
Instrument :
BNA_P
ClientSampleId :
PB170551BL

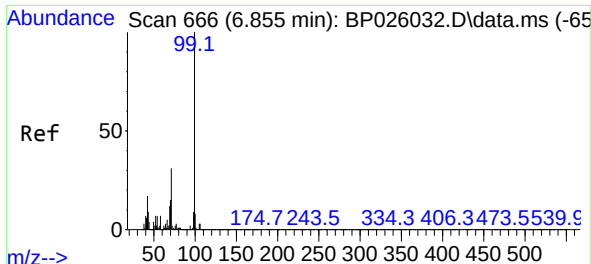
Tgt Ion:152 Resp: 300946
Ion Ratio Lower Upper
152 100
150 154.0 125.7 188.5
115 58.7 46.4 69.6



#5
2-Fluorophenol
Concen: 135.014 ng
RT: 5.255 min Scan# 394
Delta R.T. -0.041 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

Tgt Ion:112 Resp: 2462401
Ion Ratio Lower Upper
112 100
64 57.8 47.4 71.2
63 29.2 24.2 36.4

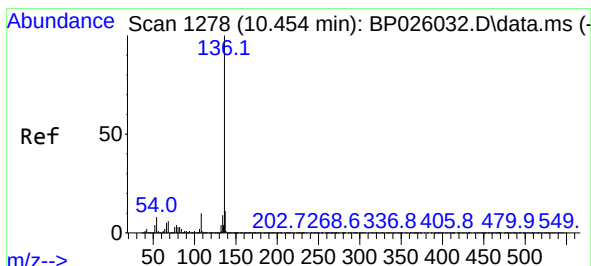
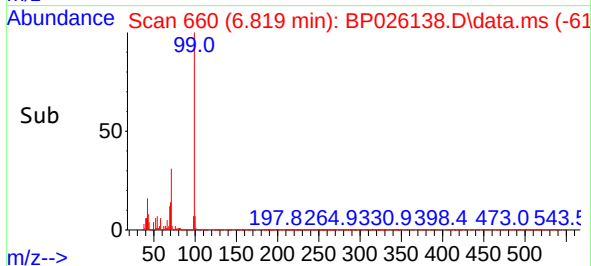
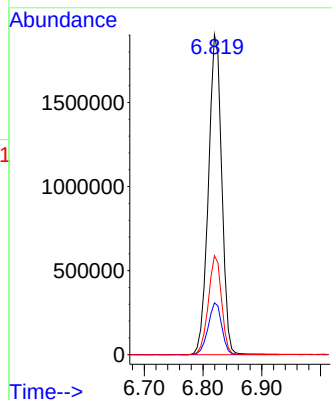
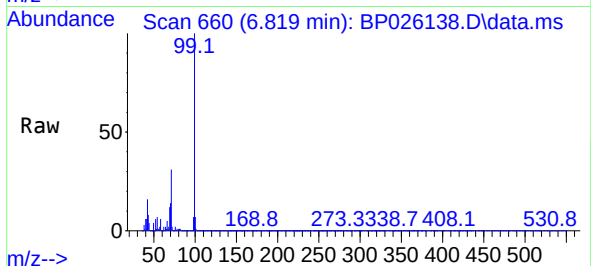




#7
Phenol-d6
Concen: 129.510 ng
RT: 6.819 min Scan# 60
Delta R.T. -0.035 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

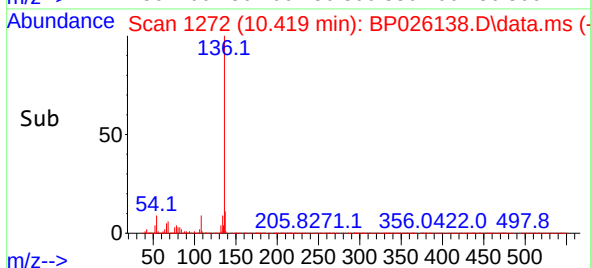
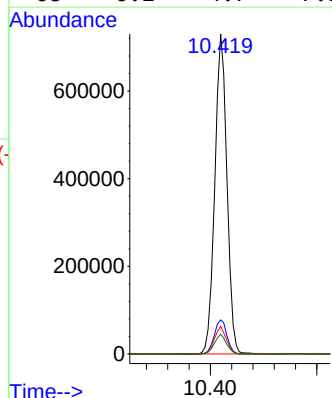
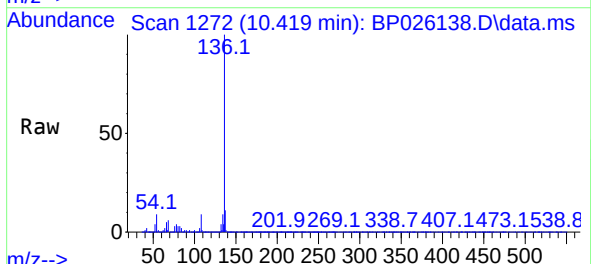
Instrument :
BNA_P
ClientSampleId :
PB170551BL

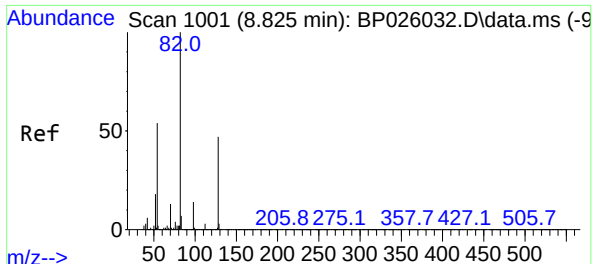
Tgt Ion: 99 Resp: 3006380
Ion Ratio Lower Upper
99 100
42 16.2 13.7 20.5
71 30.9 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.035 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

Tgt Ion: 136 Resp: 1151878
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.6 6.6 10.0
68 6.2 4.7 7.1

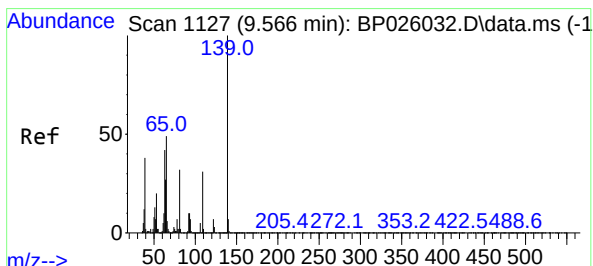
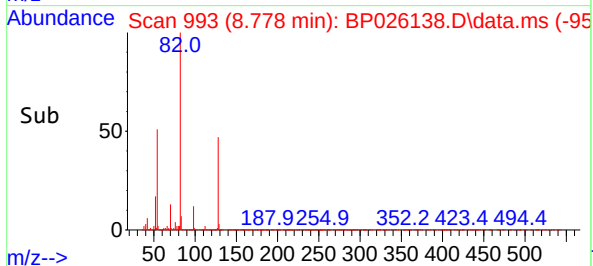
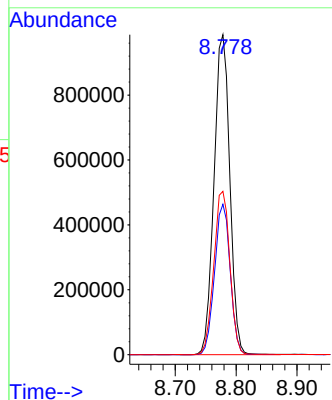
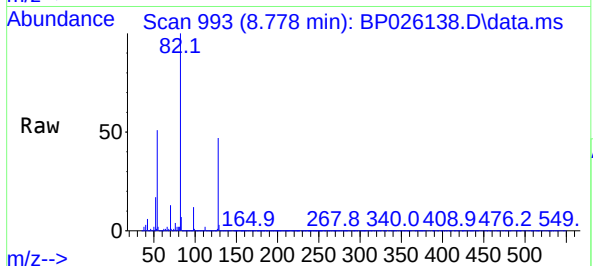




#23
Nitrobenzene-d5
Concen: 95.931 ng
RT: 8.778 min Scan# 91
Delta R.T. -0.047 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

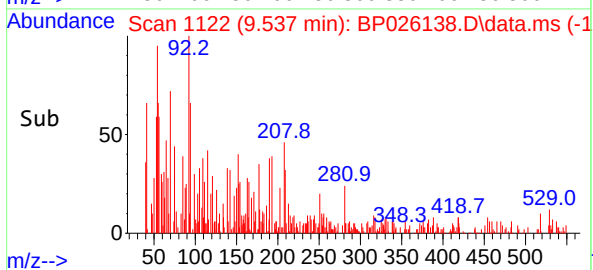
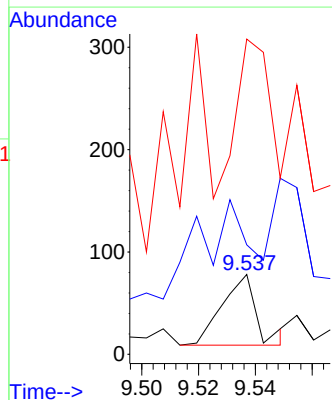
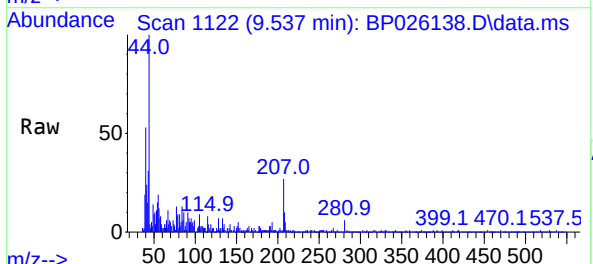
Instrument :
BNA_P
ClientSampleId :
PB170551BL

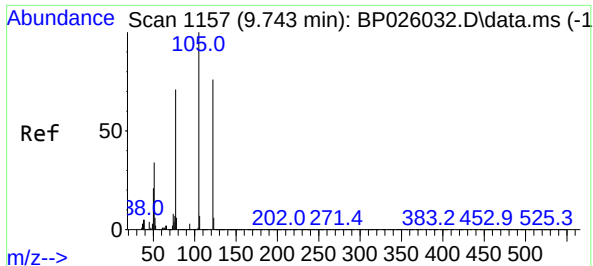
Tgt Ion: 82 Resp: 1772548
Ion Ratio Lower Upper
82 100
128 47.0 37.4 56.0
54 51.0 42.7 64.1



#26
2-Nitrophenol
Concen: 2.685 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.029 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

Tgt Ion: 139 Resp: 59
Ion Ratio Lower Upper
139 100
109 137.2 24.8 37.2#
65 394.9 39.0 58.4#

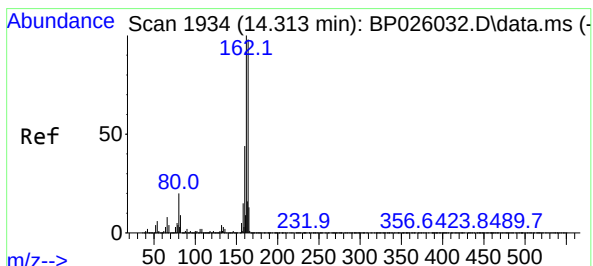
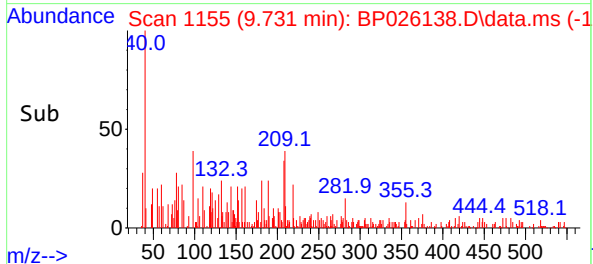
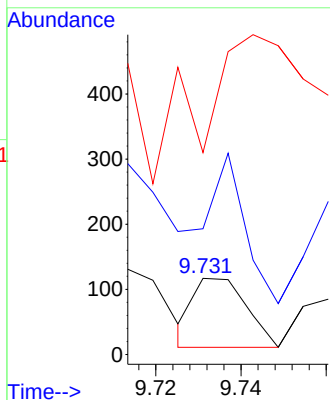
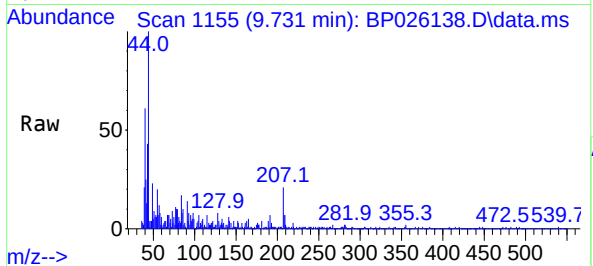




#32
Benzoic acid
Concen: 3.127 ng
RT: 9.731 min Scan# 1155
Delta R.T. -0.047 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

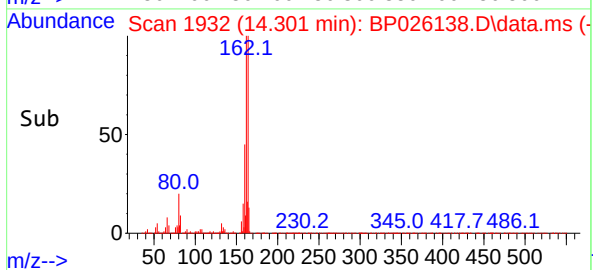
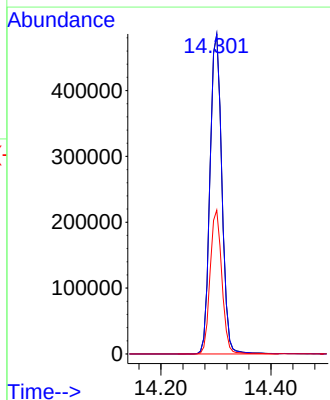
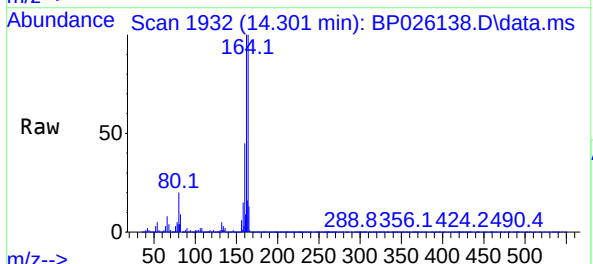
Instrument :
BNA_P
ClientSampleId :
PB170551BL

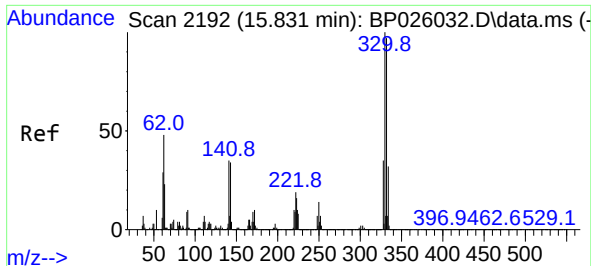
Tgt Ion:122 Resp: 91
Ion Ratio Lower Upper
122 100
105 165.0 104.8 144.8#
77 265.0 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.301 min Scan# 1932
Delta R.T. -0.017 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

Tgt Ion:164 Resp: 725078
Ion Ratio Lower Upper
164 100
162 100.1 81.5 122.3
160 45.0 36.2 54.4

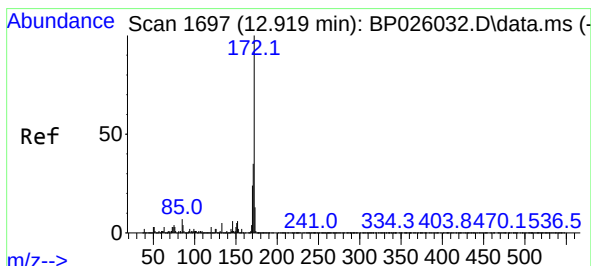
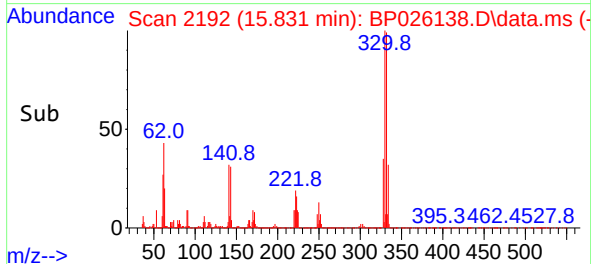
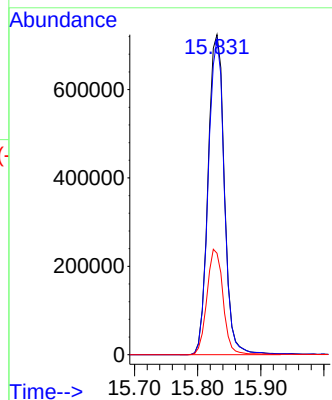
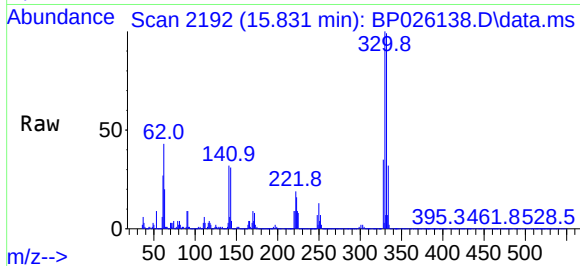




#42
2,4,6-Tribromophenol
Concen: 165.336 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

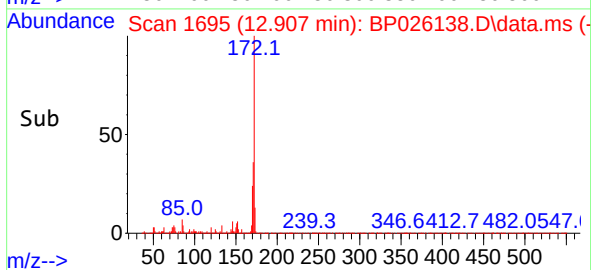
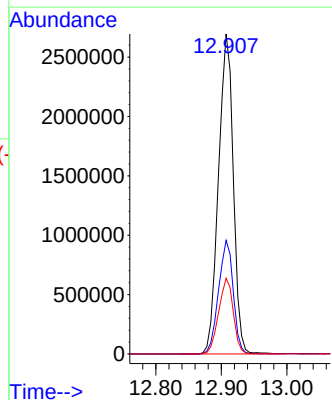
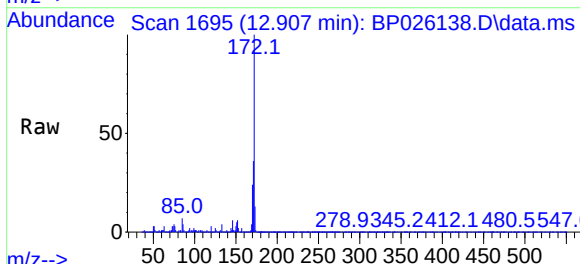
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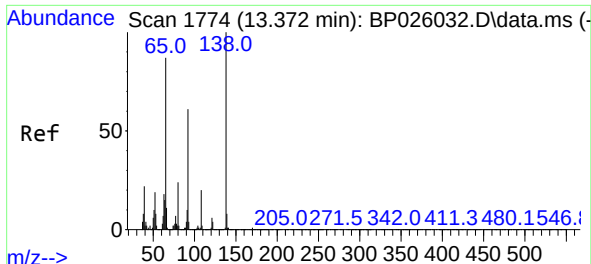
Tgt Ion:330 Resp: 1296035
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 32.7 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 83.424 ng
RT: 12.907 min Scan# 1695
Delta R.T. -0.024 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

Tgt Ion:172 Resp: 4209628
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.6 19.0 28.4

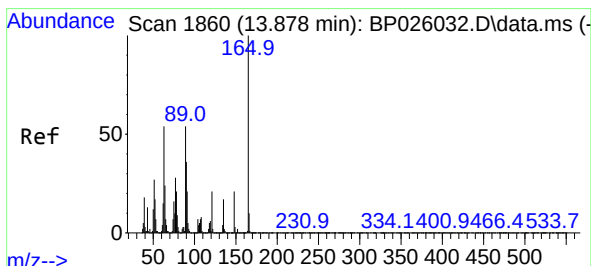
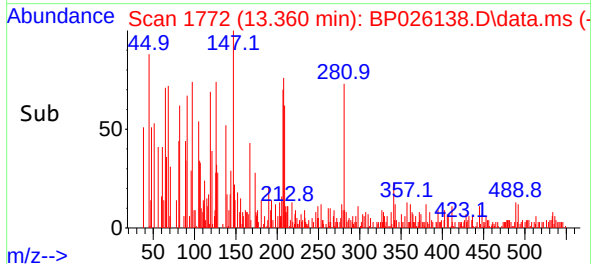
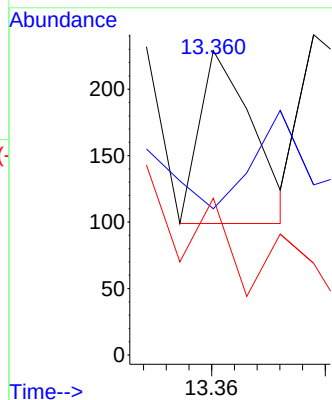
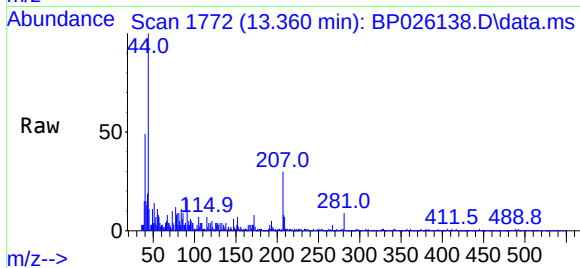




#48
2-Nitroaniline
Concen: 2.917 ng
RT: 13.360 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

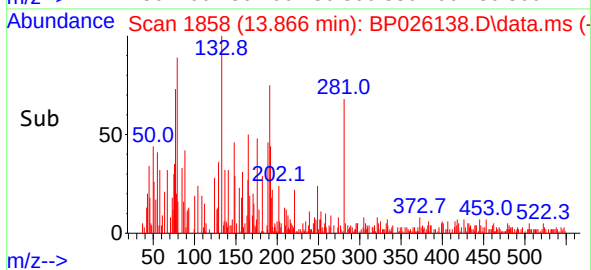
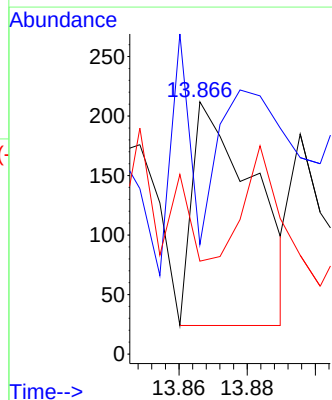
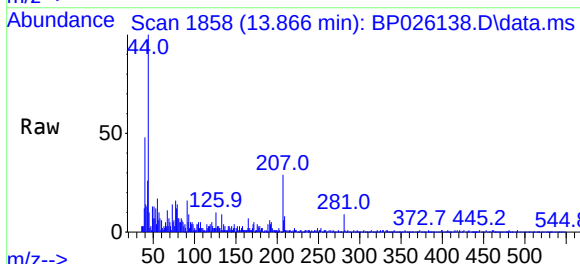
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PB170551BL

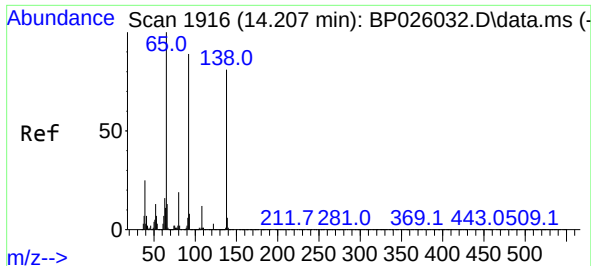
Tgt Ion: 65 Resp: 85
Ion Ratio Lower Upper
65 100
92 48.0 55.5 83.3#
138 51.5 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.013 ng
RT: 13.866 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

Tgt Ion: 165 Resp: 237
Ion Ratio Lower Upper
165 100
63 70.8 43.0 64.4#
89 36.8 43.0 64.4#

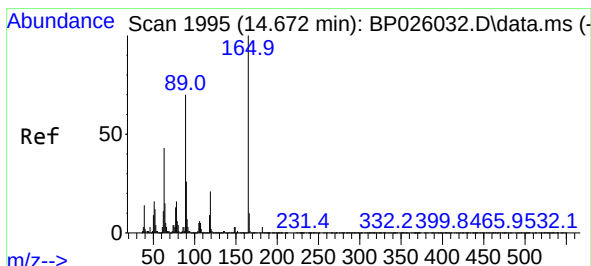
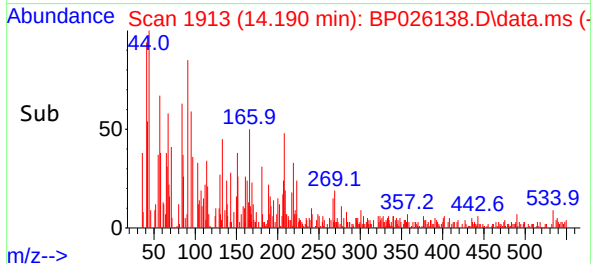
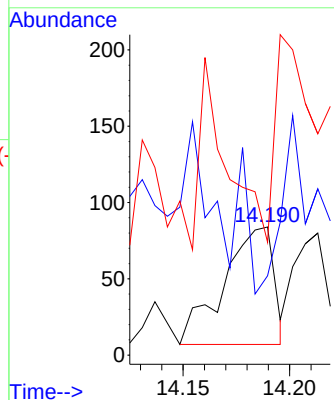
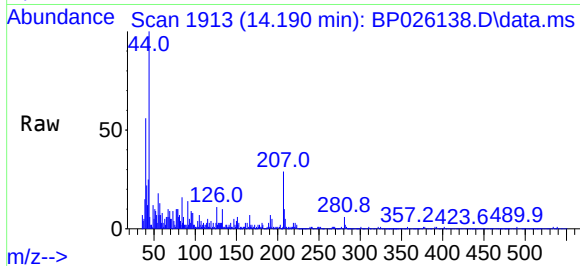




#53
3-Nitroaniline
Concen: 2.648 ng
RT: 14.190 min Scan# 1913
Delta R.T. -0.017 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

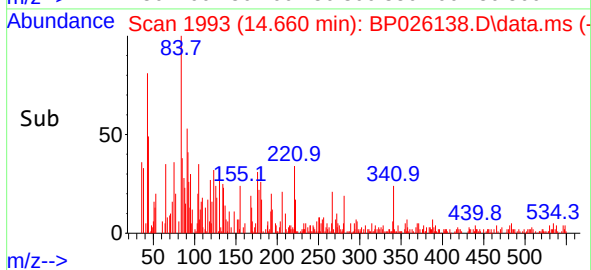
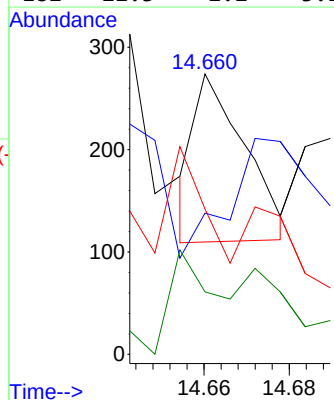
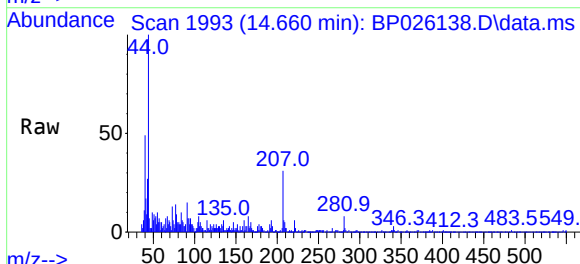
Instrument :
BNA_P
ClientSampleId :
PB170551BL

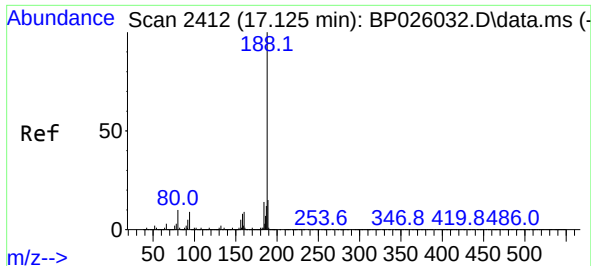
Tgt Ion:138 Resp: 126
Ion Ratio Lower Upper
138 100
108 45.2 11.4 17.0#
92 64.3 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.095 ng
RT: 14.660 min Scan# 1993
Delta R.T. -0.018 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

Tgt Ion:165 Resp: 135
Ion Ratio Lower Upper
165 100
63 50.4 34.2 51.2
89 51.8 56.0 84.0#
182 22.3 2.2 3.2#

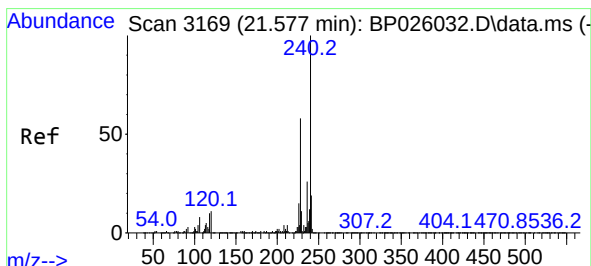
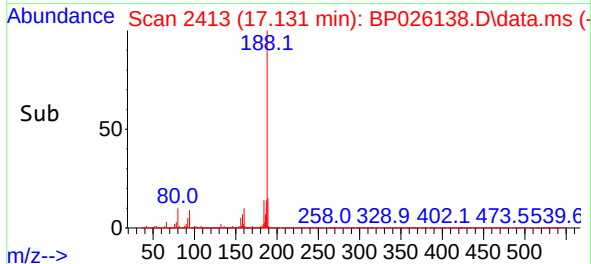
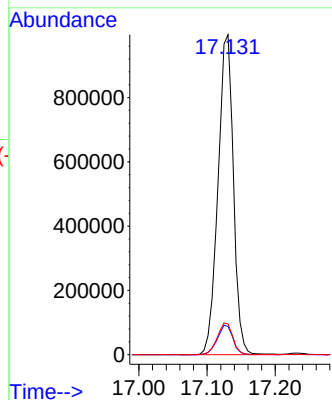
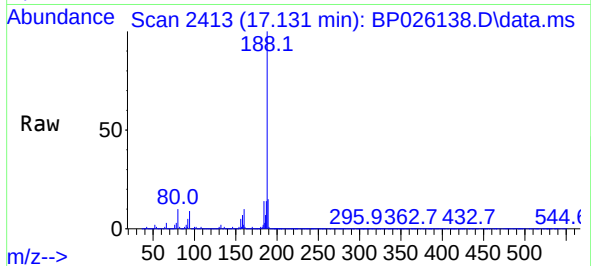




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

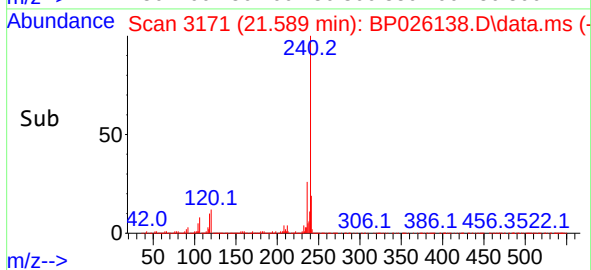
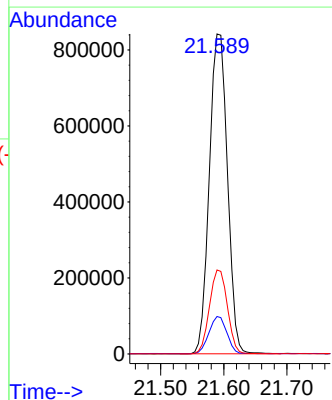
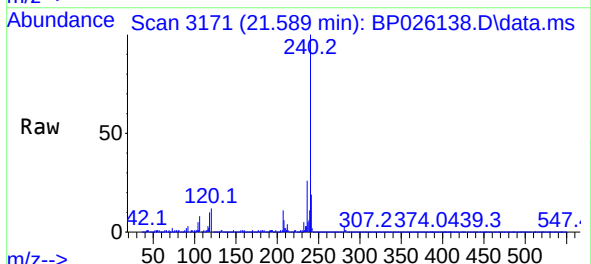
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ClientSampleId :
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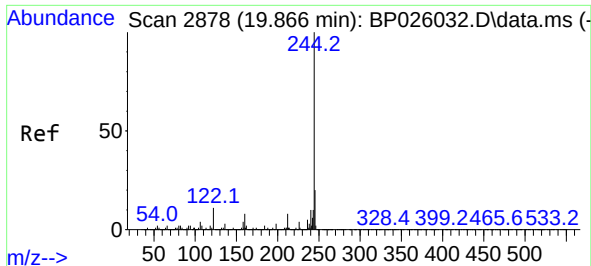
Tgt Ion:188 Resp: 1566851
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.024 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

Tgt Ion:240 Resp: 1677427
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.2 20.6 31.0

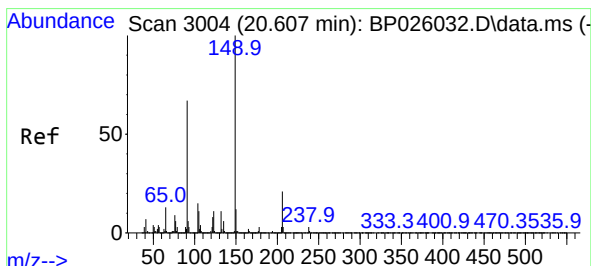
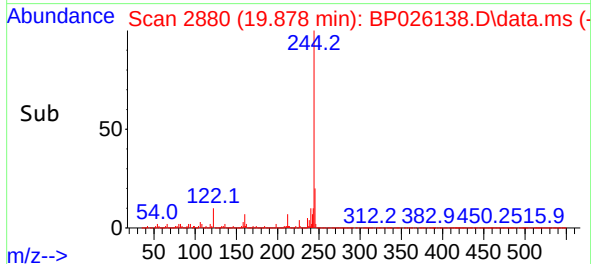
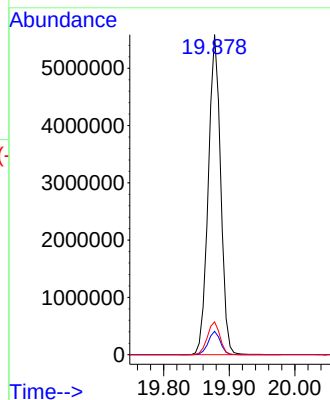
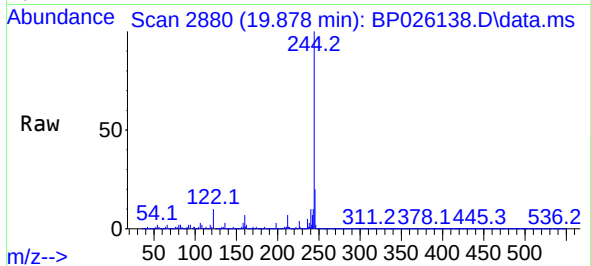




#79
 Terphenyl-d14
 Concen: 88.727 ng
 RT: 19.878 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP026138.D
 Acq: 14 Nov 2025 12:44

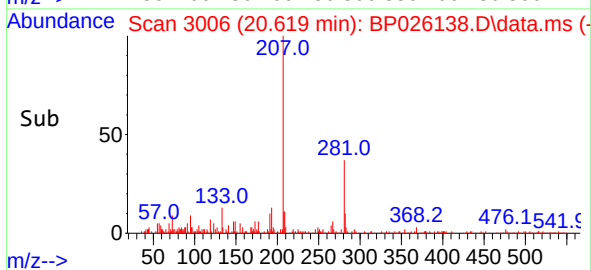
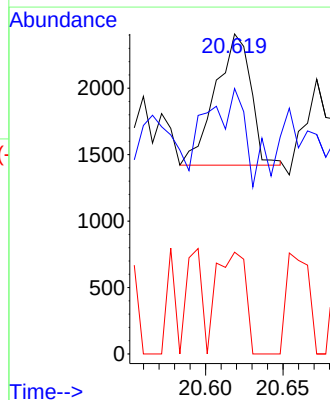
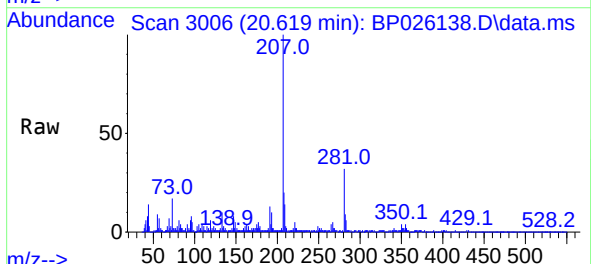
Instrument :
 BNA_P
 ClientSampleId :
 PB170551BL

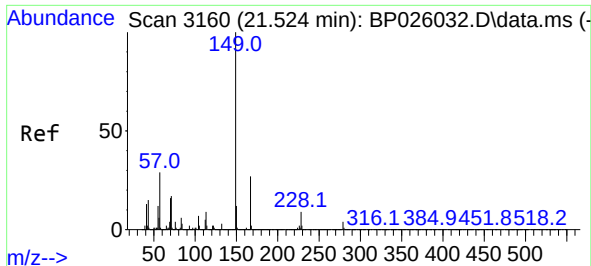
Tgt Ion:244 Resp: 7325559
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.3 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.431 ng
 RT: 20.619 min Scan# 3006
 Delta R.T. 0.012 min
 Lab File: BP026138.D
 Acq: 14 Nov 2025 12:44

Tgt Ion:149 Resp: 1567
 Ion Ratio Lower Upper
 149 100
 91 83.0 53.5 80.3#
 206 31.8 16.6 25.0#

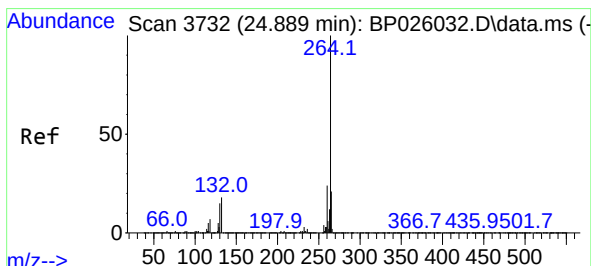
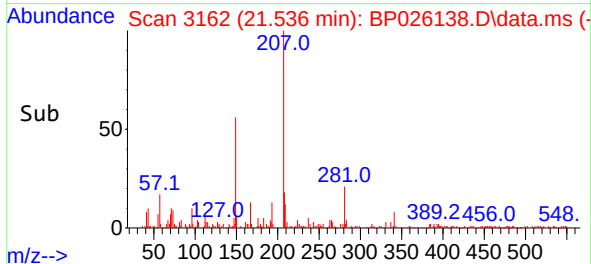
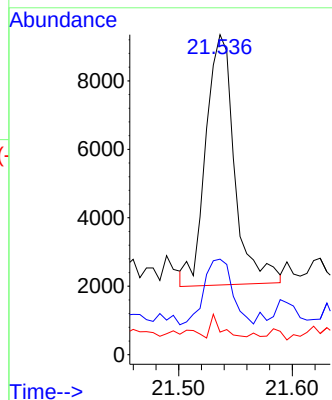
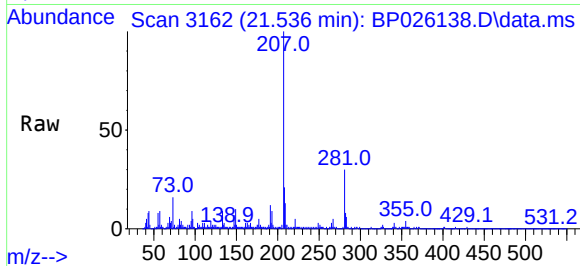




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.778 ng
RT: 21.536 min Scan# 3162
Delta R.T. 0.018 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

Instrument :
BNA_P
ClientSampleId :
PB170551BL

Tgt Ion:149 Resp: 12894
Ion Ratio Lower Upper
149 100
167 29.8 21.5 32.3
279 7.1 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.942 min Scan# 3741
Delta R.T. 0.059 min
Lab File: BP026138.D
Acq: 14 Nov 2025 12:44

Tgt Ion:264 Resp: 1886336
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.5 17.2 25.8

