

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026037.D
 Acq On : 29 Oct 2025 16:50
 Operator : RC/JU
 Sample : PB170259BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170259BL

Quant Time: Oct 29 17:40:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

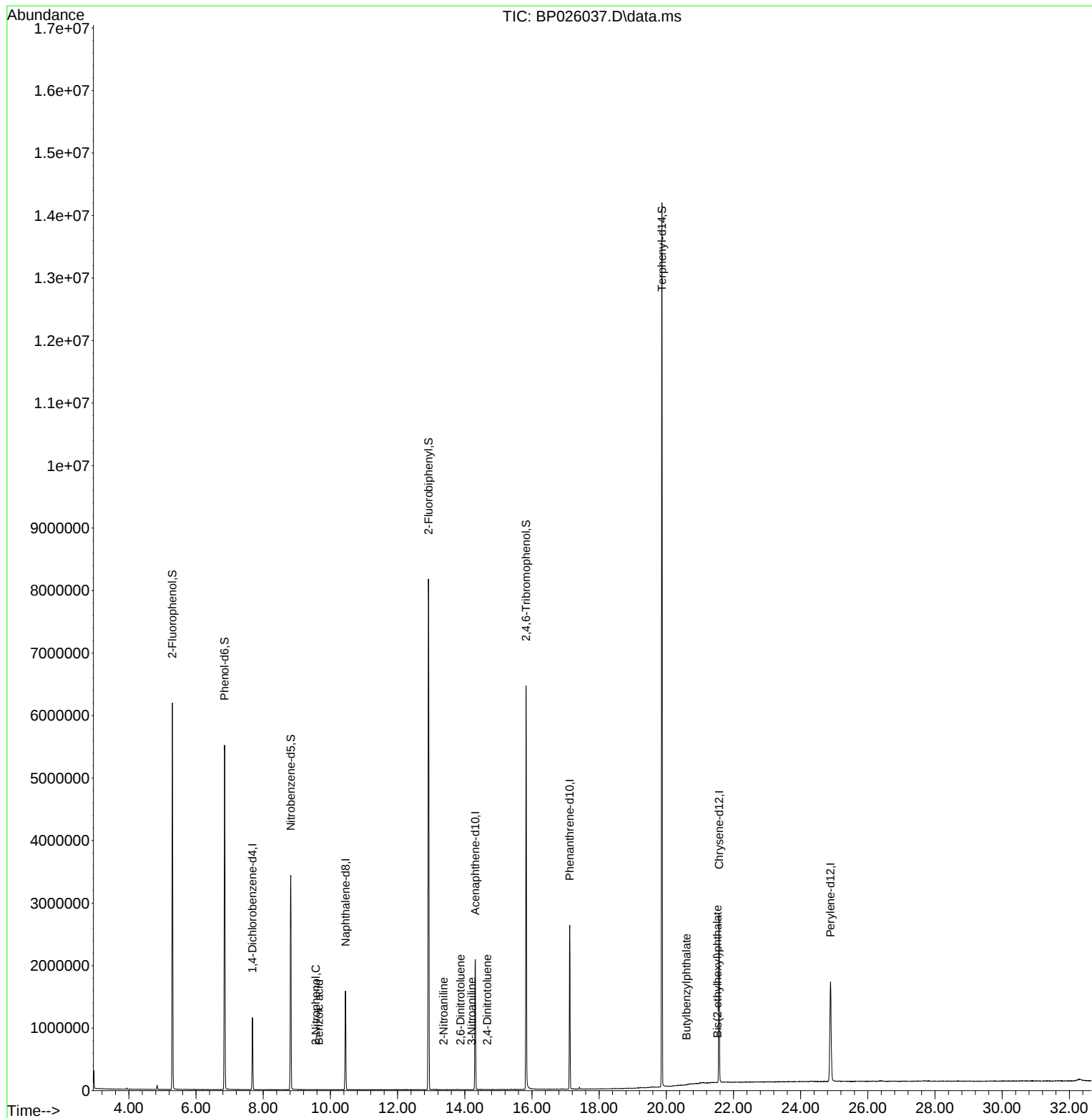
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	324092	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1266205	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	776991	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1584704	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1626609	20.000	ng	0.00
86) Perylene-d12	24.889	264	1665896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2580254	131.371	ng	0.00
7) Phenol-d6	6.849	99	3174515	126.985	ng	0.00
23) Nitrobenzene-d5	8.819	82	1799569	88.599	ng	0.00
42) 2,4,6-Tribromophenol	15.825	330	1127829	134.265	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4617667	85.397	ng	-0.01
79) Terphenyl-d14	19.872	244	7312080	91.330	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.566	139	23	2.680	ng	# 1
32) Benzoic acid	9.660	122	619	3.189	ng	94
48) 2-Nitroaniline	13.366	65	70	2.729	ng	# 66
51) 2,6-Dinitrotoluene	13.872	165	249	2.866	ng	# 78
53) 3-Nitroaniline	14.207	138	117	2.646	ng	# 1
57) 2,4-Dinitrotoluene	14.666	165	50	2.736	ng	# 45
80) Butylbenzylphthalate	20.601	149	437	3.407	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.525	149	1260	2.725	ng	100

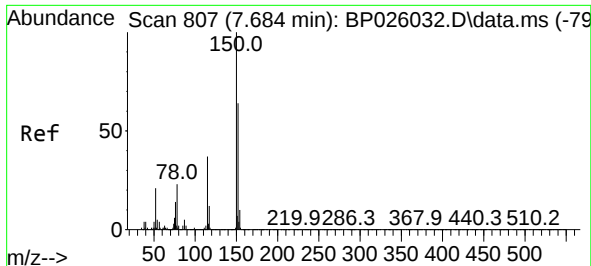
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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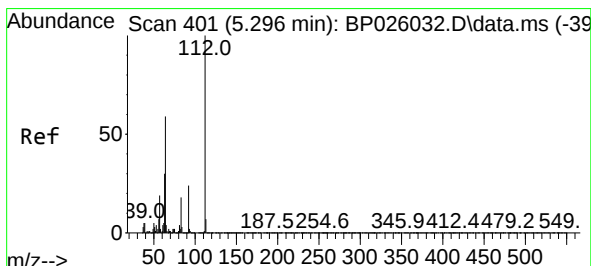
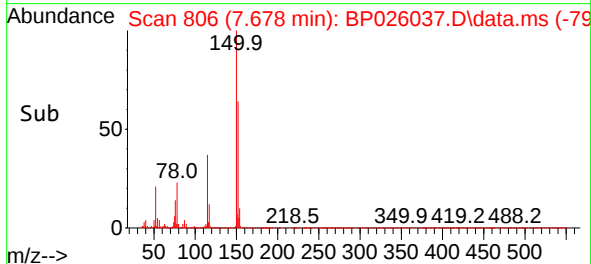
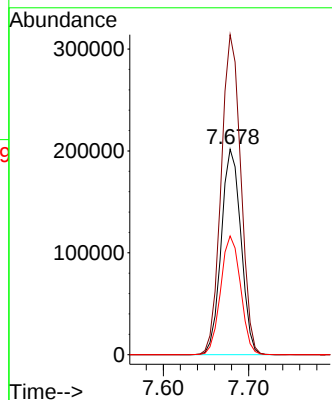
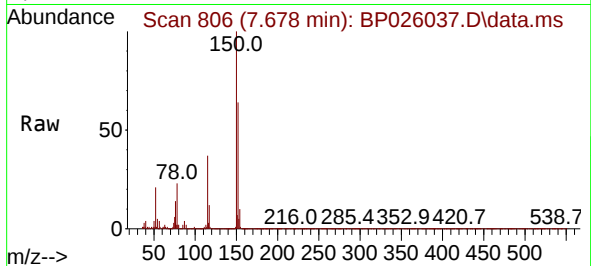




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 807
Delta R.T. -0.012 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

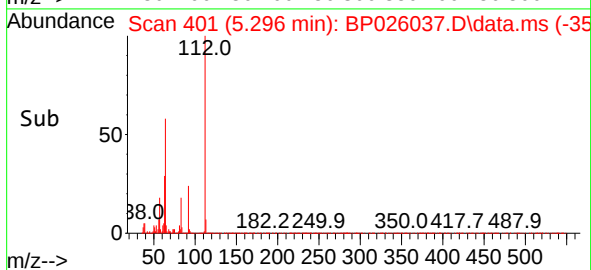
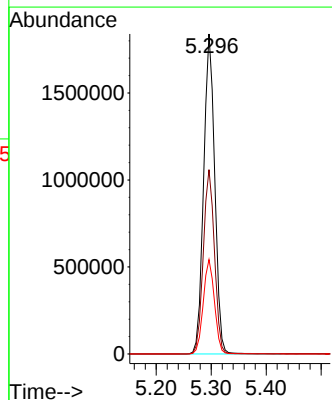
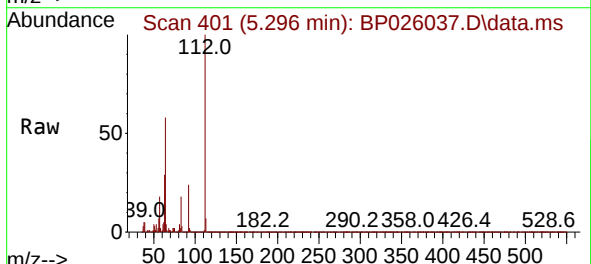
Instrument :
BNA_P
ClientSampleId :
PB170259BL

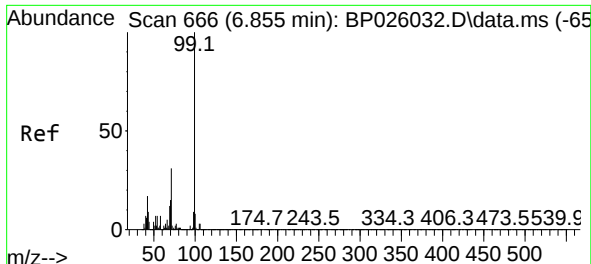
Tgt Ion:152 Resp: 324092
Ion Ratio Lower Upper
152 100
150 155.7 125.7 188.5
115 57.8 46.4 69.6



#5
2-Fluorophenol
Concen: 131.371 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

Tgt Ion:112 Resp: 2580254
Ion Ratio Lower Upper
112 100
64 57.6 47.4 71.2
63 29.5 24.2 36.4

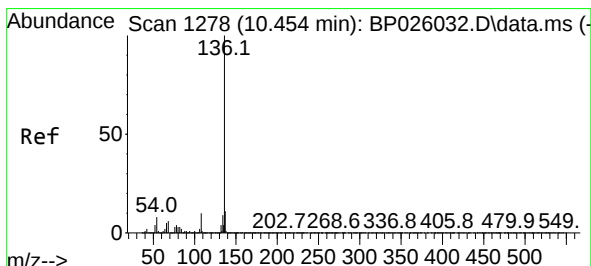
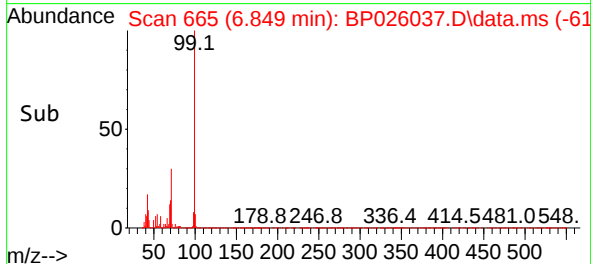
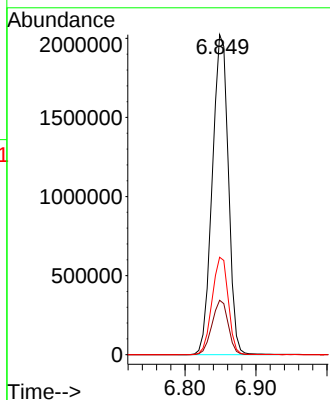
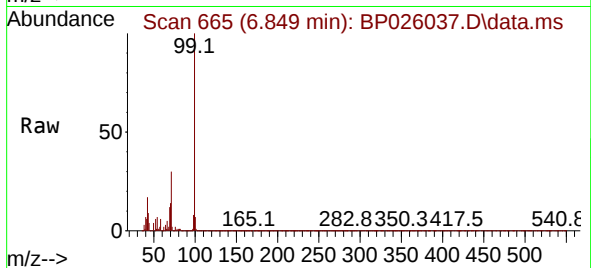




#7
Phenol-d6
Concen: 126.985 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

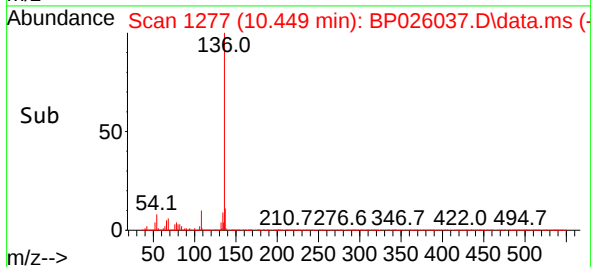
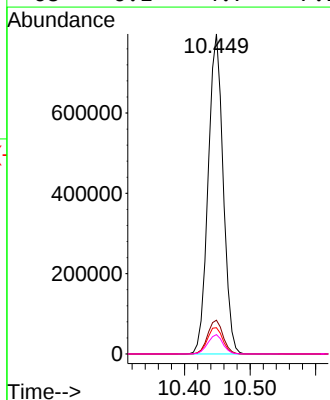
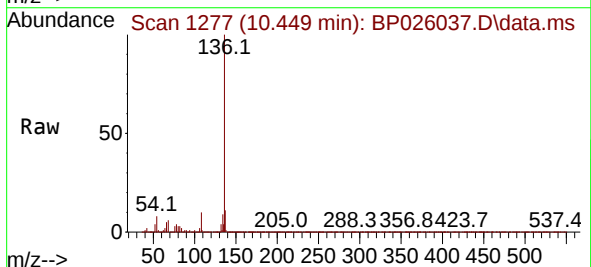
Instrument :
BNA_P
ClientSampleId :
PB170259BL

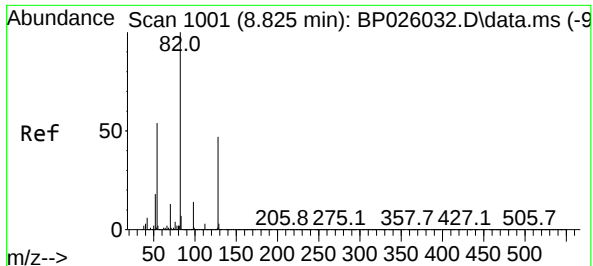
Tgt Ion: 99 Resp: 3174515
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 30.5 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

Tgt Ion:136 Resp: 1266205
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.2 6.6 10.0
68 6.1 4.7 7.1

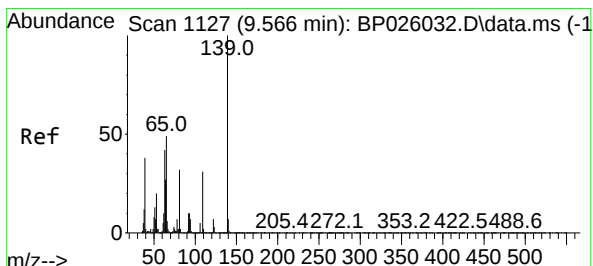
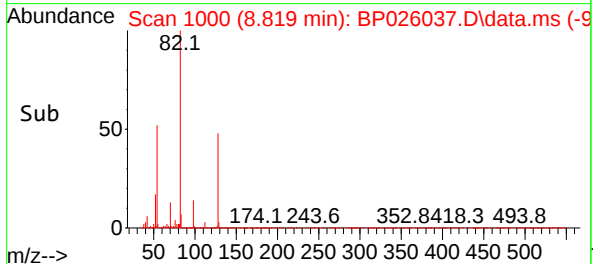
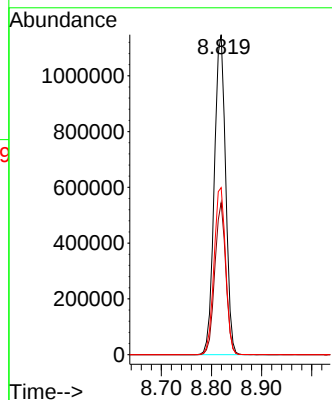
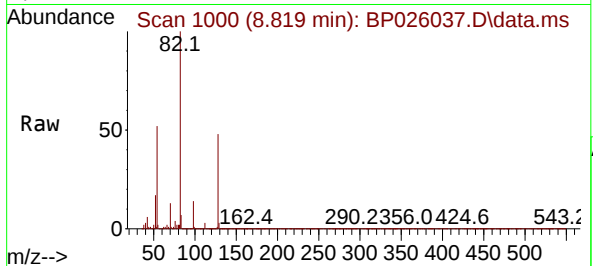




#23
Nitrobenzene-d5
Concen: 88.599 ng
RT: 8.819 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

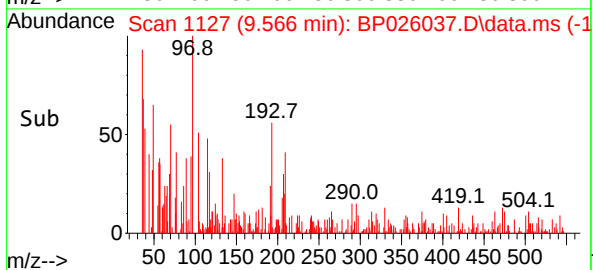
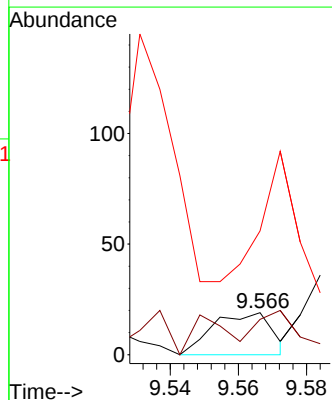
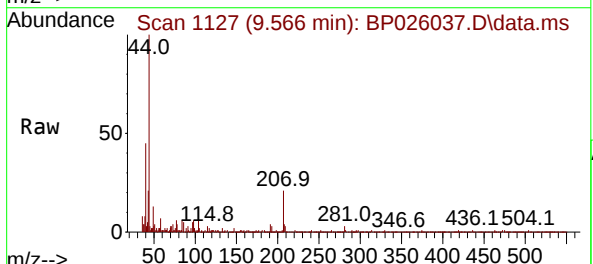
Instrument :
BNA_P
ClientSampleId :
PB170259BL

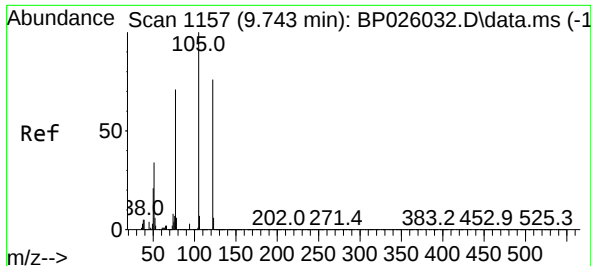
Tgt Ion: 82 Resp: 1799569
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.0
54 52.2 42.7 64.1



#26
2-Nitrophenol
Concen: 2.680 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

Tgt Ion: 139 Resp: 23
Ion Ratio Lower Upper
139 100
109 84.2 24.8 37.2#
65 294.7 39.0 58.4#

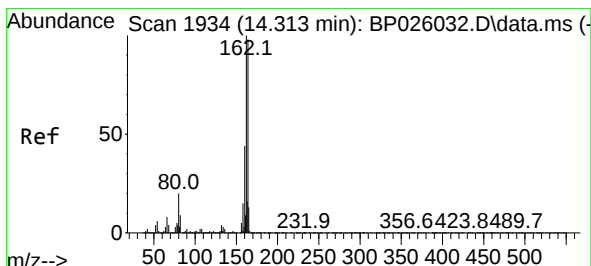
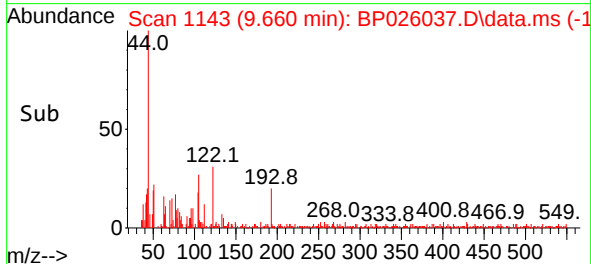
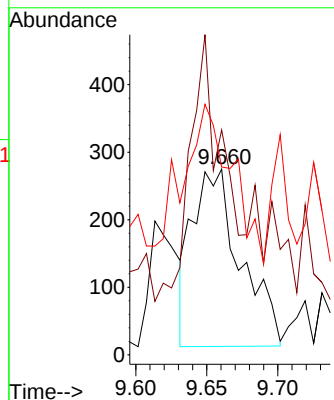
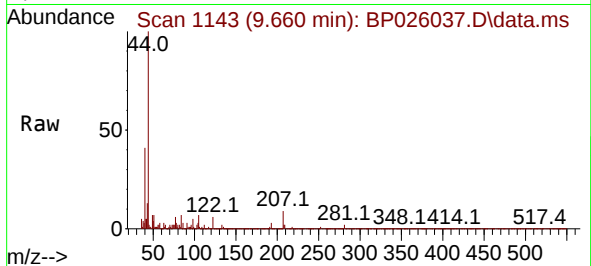




#32
Benzoic acid
Concen: 3.189 ng
RT: 9.660 min Scan# 1157
Delta R.T. -0.118 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

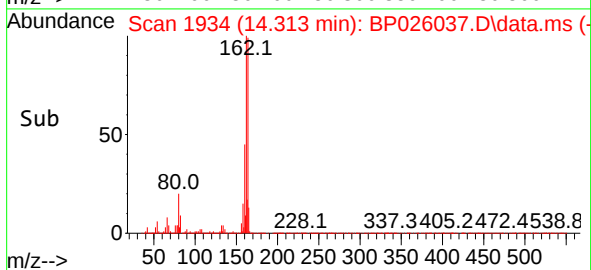
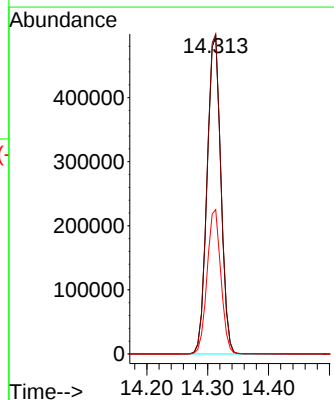
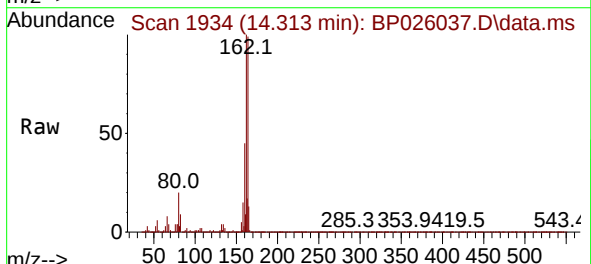
Instrument :
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ClientSampleId :
PB170259BL

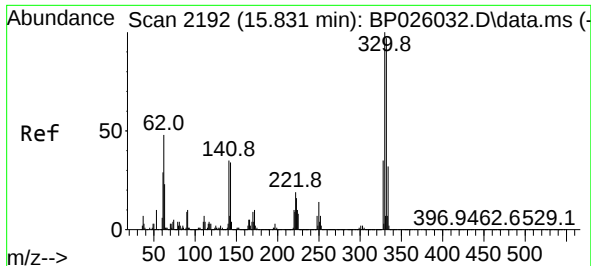
Tgt Ion:122 Resp: 619
Ion Ratio Lower Upper
122 100
105 121.1 104.8 144.8
77 101.1 70.9 110.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

Tgt Ion:164 Resp: 776991
Ion Ratio Lower Upper
164 100
162 100.8 81.5 122.3
160 45.4 36.2 54.4

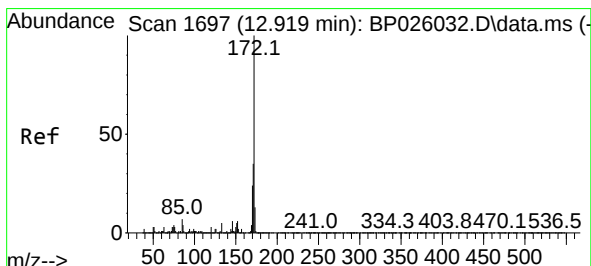
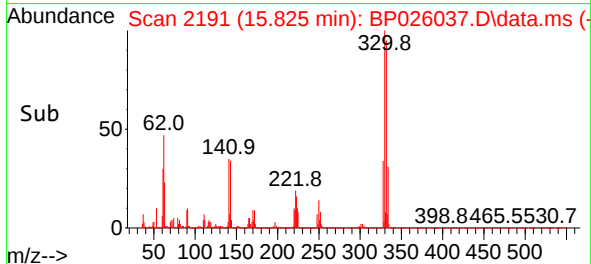
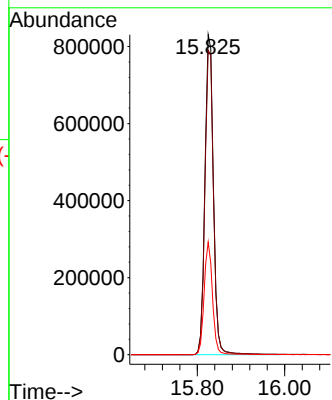
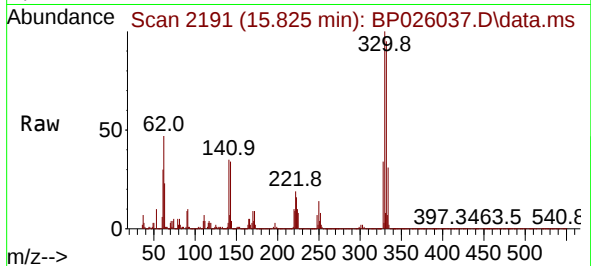




#42
2,4,6-Tribromophenol
Concen: 134.265 ng
RT: 15.825 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

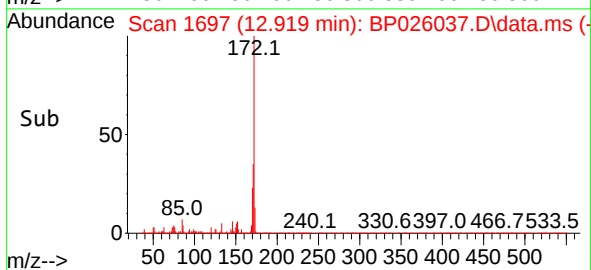
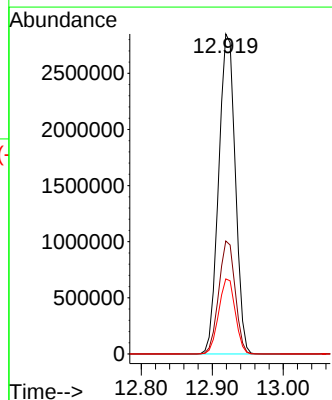
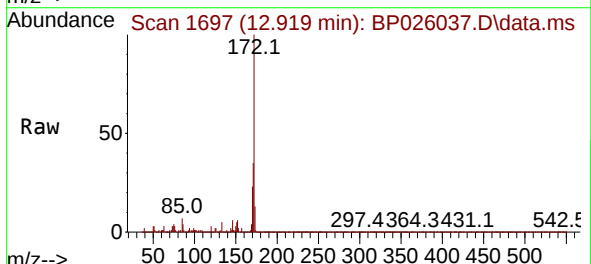
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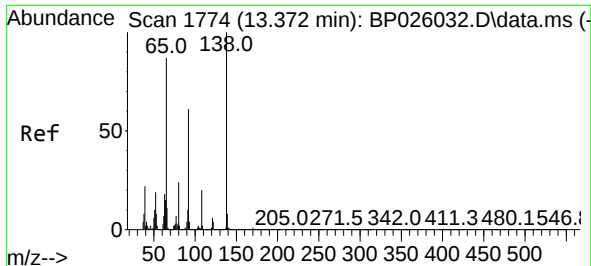
Tgt Ion:330 Resp: 1127829
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 34.6 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 85.397 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.011 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

Tgt Ion:172 Resp: 4617667
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.5 19.0 28.4

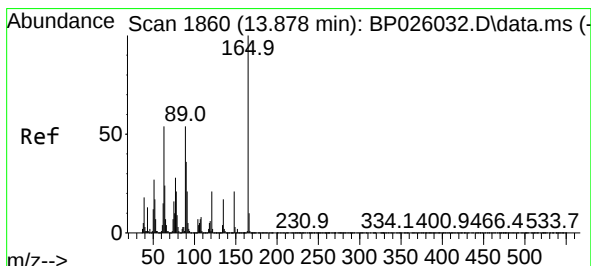
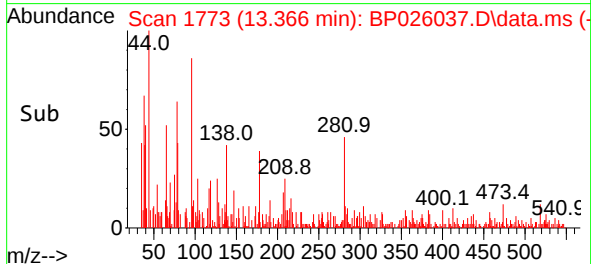
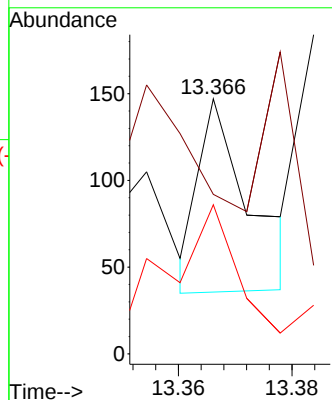
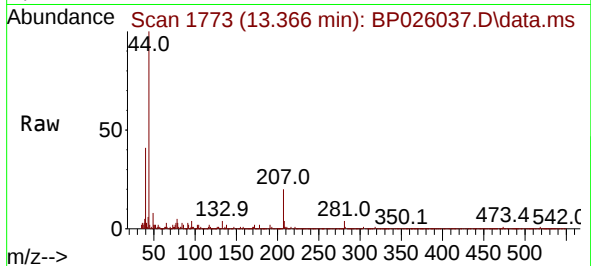




#48
2-Nitroaniline
Concen: 2.729 ng
RT: 13.366 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

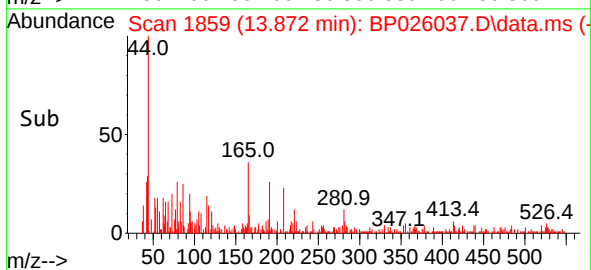
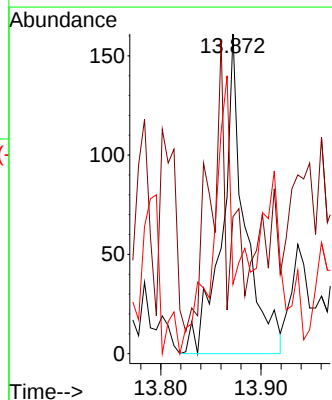
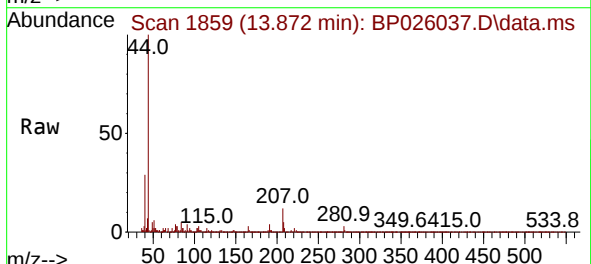
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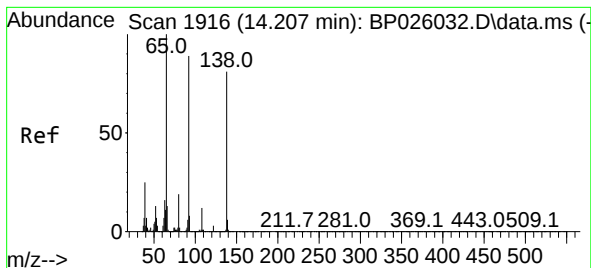
Tgt Ion: 65 Resp: 70
Ion Ratio Lower Upper
65 100
92 72.8 55.5 83.3
138 58.5 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 2.866 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

Tgt Ion: 165 Resp: 249
Ion Ratio Lower Upper
165 100
63 42.9 43.0 64.4#
89 33.5 43.0 64.4#

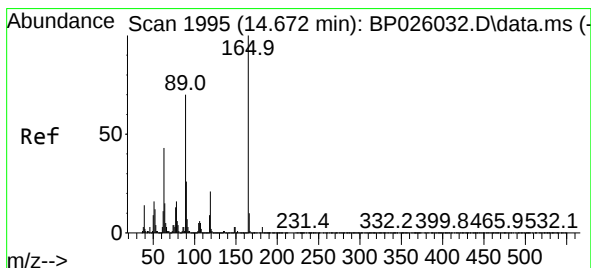
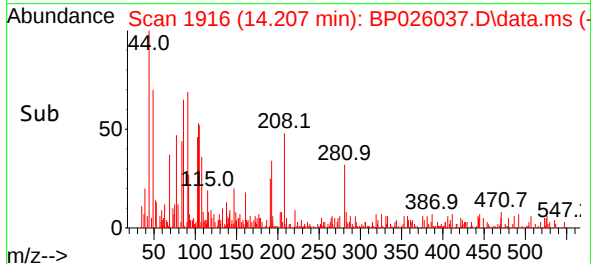
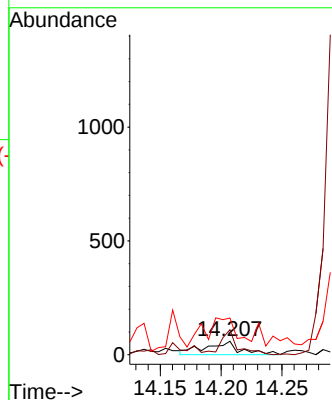
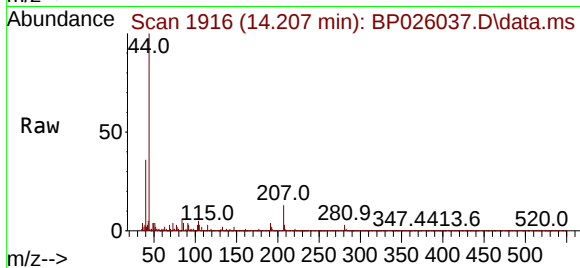




#53
3-Nitroaniline
Concen: 2.646 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

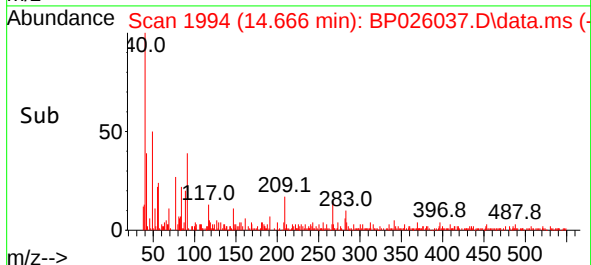
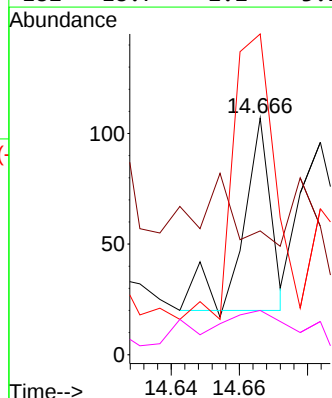
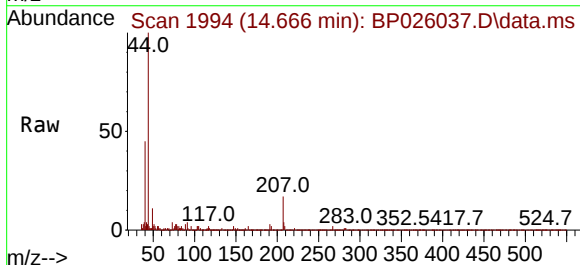
Instrument :
BNA_P
ClientSampleId :
PB170259BL

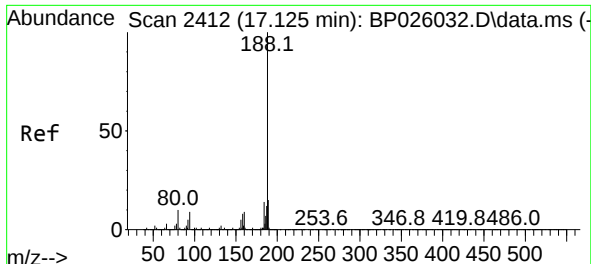
Tgt Ion:138 Resp: 117
Ion Ratio Lower Upper
138 100
108 186.4 11.4 17.0#
92 272.9 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 2.736 ng
RT: 14.666 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

Tgt Ion:165 Resp: 50
Ion Ratio Lower Upper
165 100
63 52.3 34.2 51.2#
89 135.5 56.0 84.0#
182 18.7 2.2 3.2#

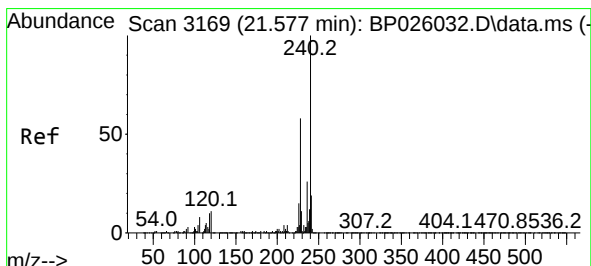
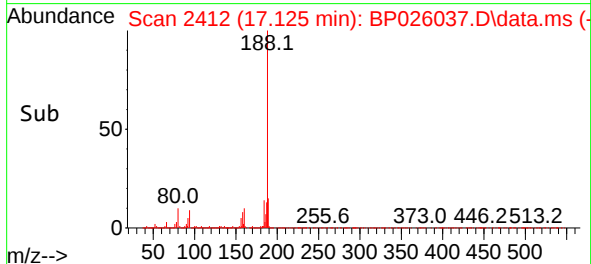
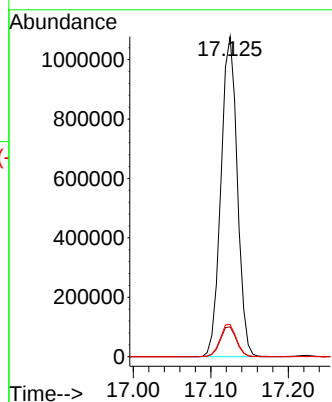
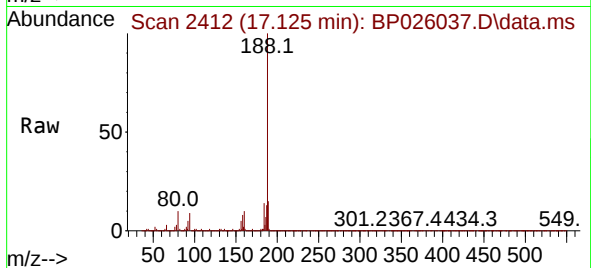




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

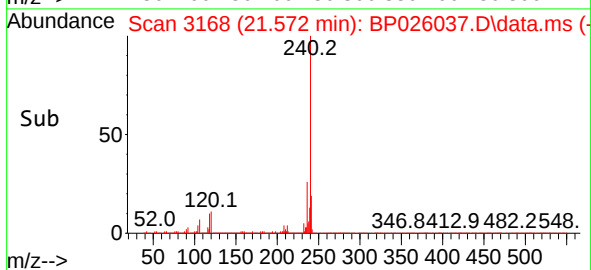
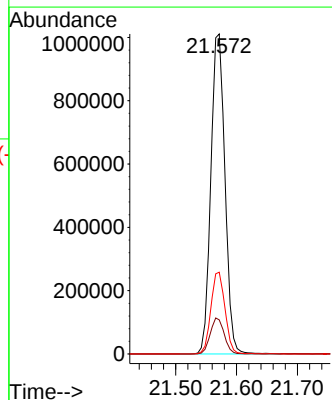
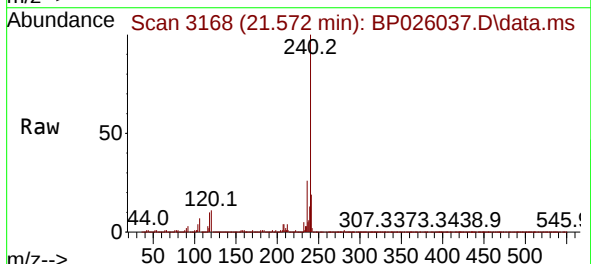
Instrument :
BNA_P
ClientSampleId :
PB170259BL

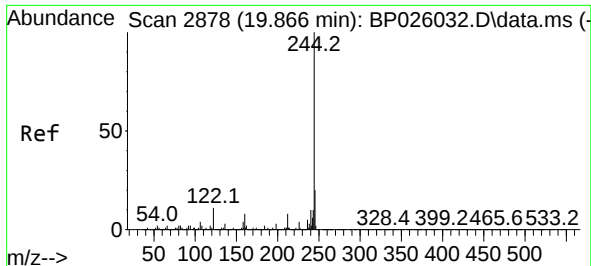
Tgt Ion:188 Resp: 1584704
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP026037.D
Acq: 29 Oct 2025 16:50

Tgt Ion:240 Resp: 1626609
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.5 20.6 31.0

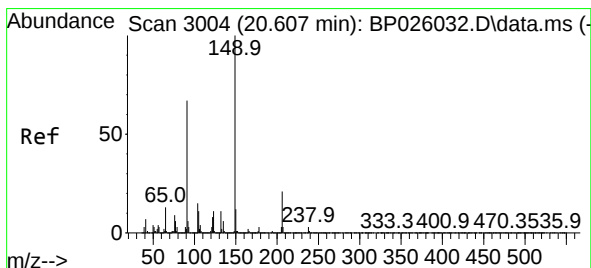
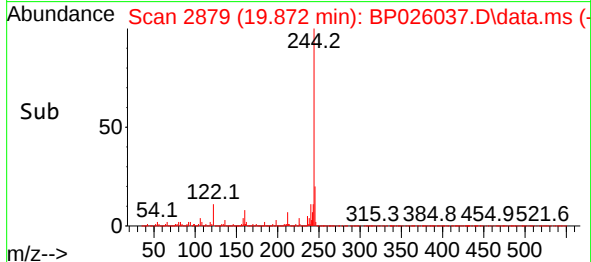
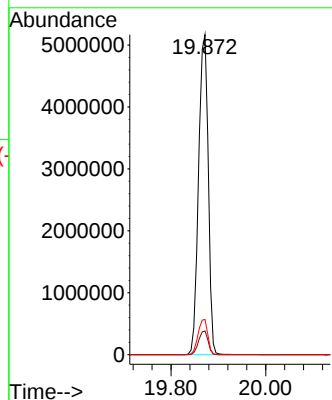
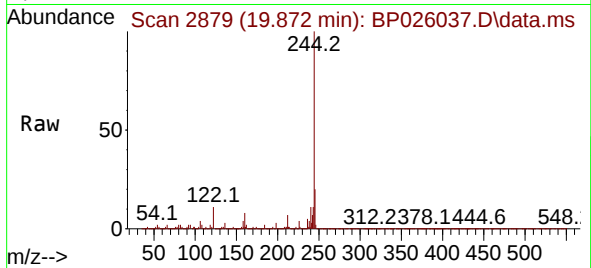




#79
 Terphenyl-d14
 Concen: 91.330 ng
 RT: 19.872 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP026037.D
 Acq: 29 Oct 2025 16:50

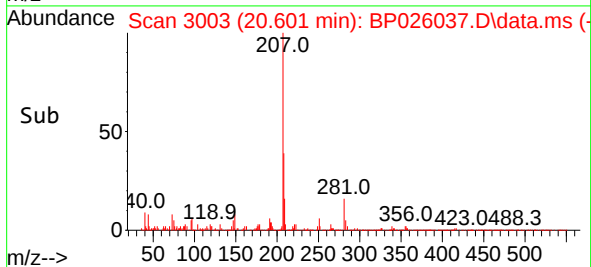
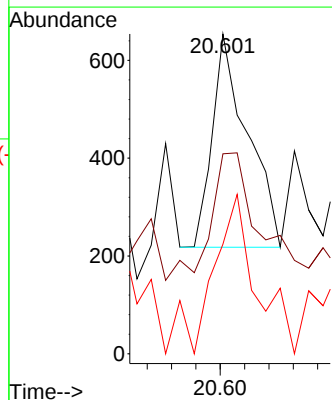
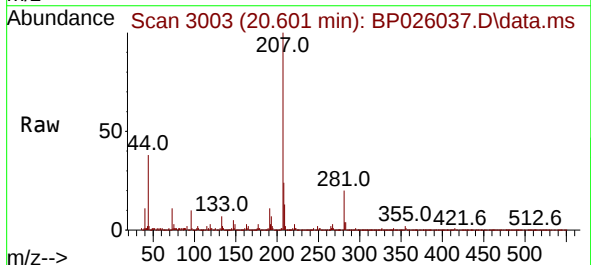
Instrument :
 BNA_P
 ClientSampleId :
 PB170259BL

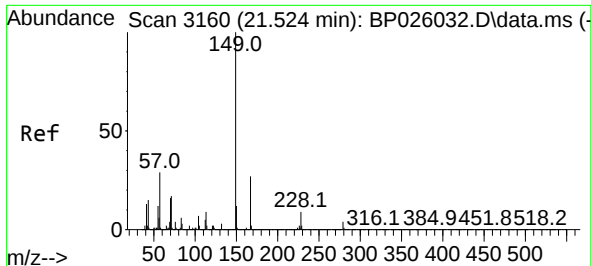
Tgt Ion:244 Resp: 7312080
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 11.0 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.407 ng
 RT: 20.601 min Scan# 3003
 Delta R.T. -0.006 min
 Lab File: BP026037.D
 Acq: 29 Oct 2025 16:50

Tgt Ion:149 Resp: 437
 Ion Ratio Lower Upper
 149 100
 91 62.5 53.5 80.3
 206 34.3 16.6 25.0#

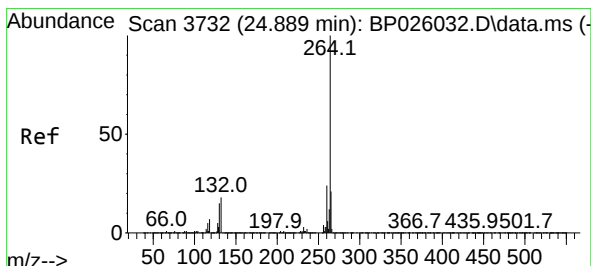
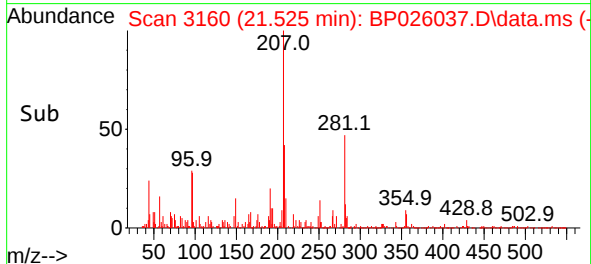
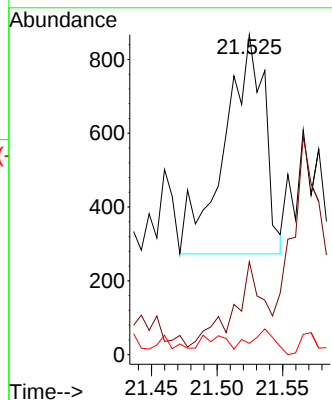
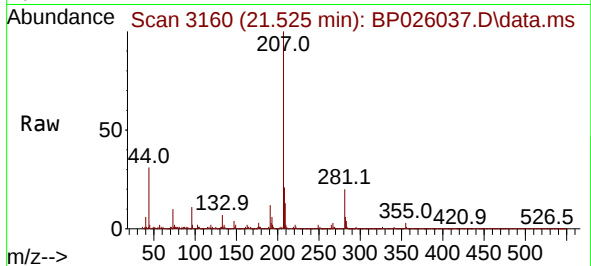




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.725 ng
 RT: 21.525 min Scan# 3160
 Delta R.T. 0.007 min
 Lab File: BP026037.D
 Acq: 29 Oct 2025 16:50

Instrument :
 BNA_P
 ClientSampleId :
 PB170259BL

Tgt Ion:149 Resp: 1260
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.5 32.3
 279 3.3 3.0 4.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.889 min Scan# 3732
 Delta R.T. 0.006 min
 Lab File: BP026037.D
 Acq: 29 Oct 2025 16:50

Tgt Ion:264 Resp: 1665896
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.3 17.2 25.8

