

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026082.D
 Acq On : 06 Nov 2025 18:26
 Operator : RC/JU
 Sample : Q3534-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-11

Quant Time: Nov 07 01:01:30 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)

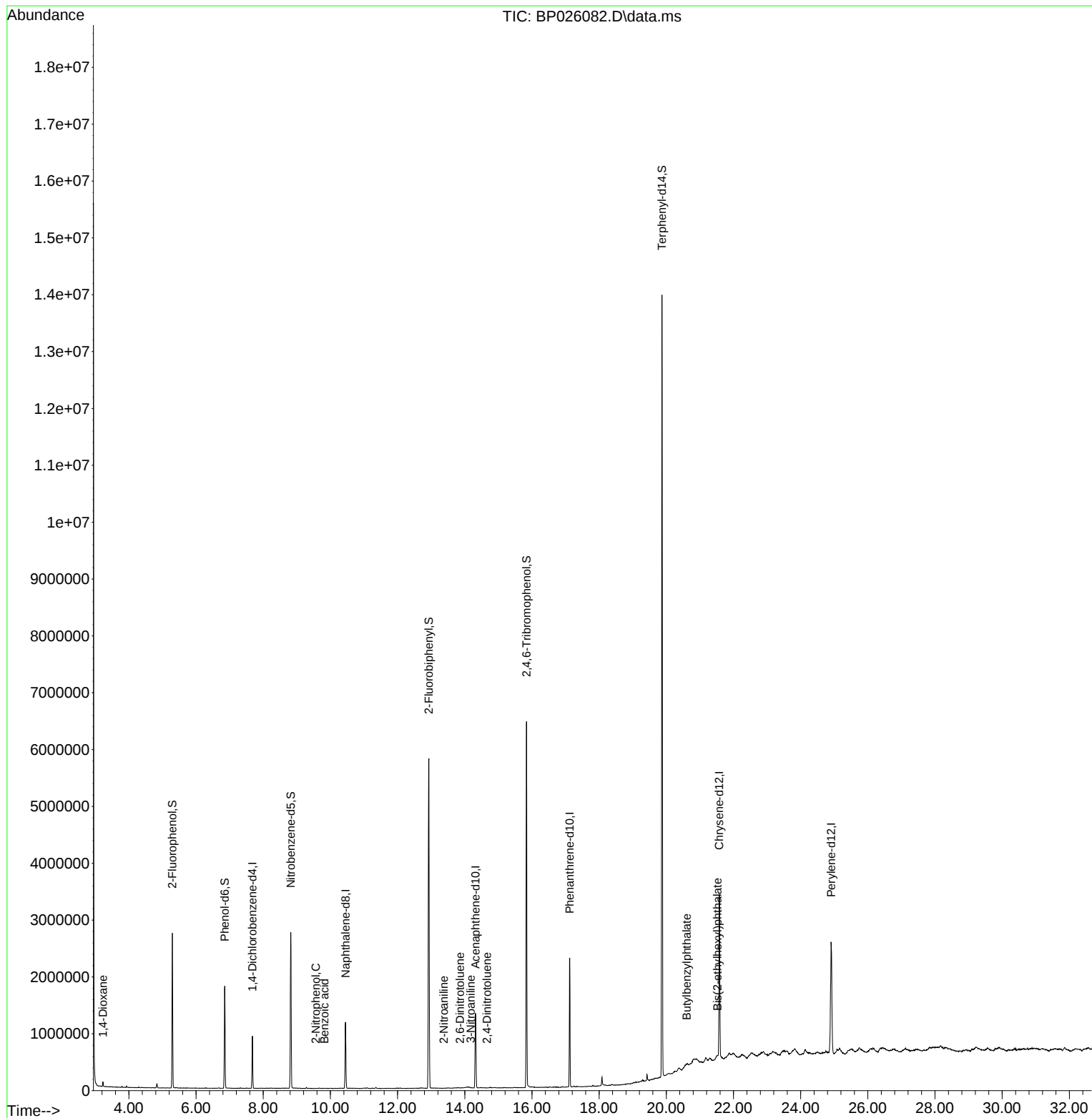
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	246596	20.000	ng	-0.01
21) Naphthalene-d8	10.448	136	961848	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	600974	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1364168	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1768109	20.000	ng	0.01
86) Perylene-d12	24.907	264	2046411	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1162965	77.820	ng	0.00
7) Phenol-d6	6.855	99	1035158	54.421	ng	0.00
23) Nitrobenzene-d5	8.819	82	1589635	103.028	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	1219849	187.752	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	3634552	86.902	ng	0.00
79) Terphenyl-d14	19.871	244	7325193	84.172	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	36187	5.744	ng	# 85
26) 2-Nitrophenol	9.566	139	157	2.702	ng	# 1
32) Benzoic acid	9.819	122	199	3.147	ng	# 32
48) 2-Nitroaniline	13.378	65	96	2.919	ng	# 58
51) 2,6-Dinitrotoluene	13.860	165	202	3.014	ng	# 89
53) 3-Nitroaniline	14.178	138	113	2.648	ng	# 66
57) 2,4-Dinitrotoluene	14.660	165	214	3.103	ng	# 66
80) Butylbenzylphthalate	20.607	149	611	3.410	ng	# 48
84) Bis(2-ethylhexyl)phtha...	21.524	149	6202	2.679	ng	# 81

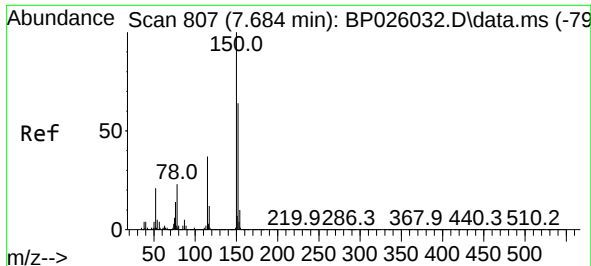
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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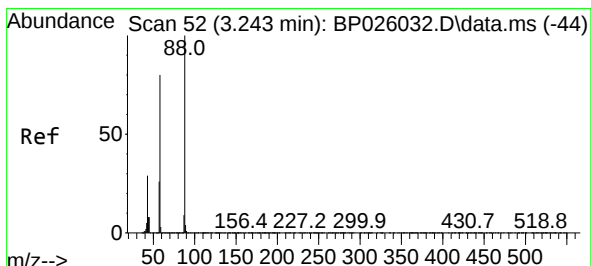
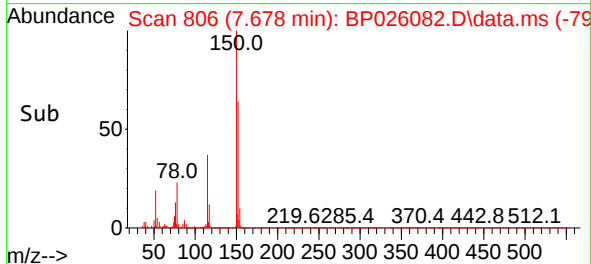
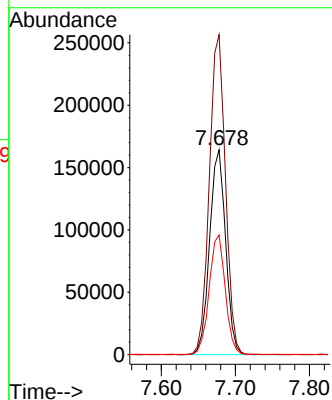
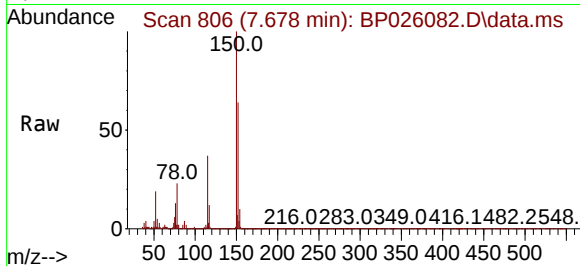




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.678 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP026082.D
 Acq: 06 Nov 2025 18:26

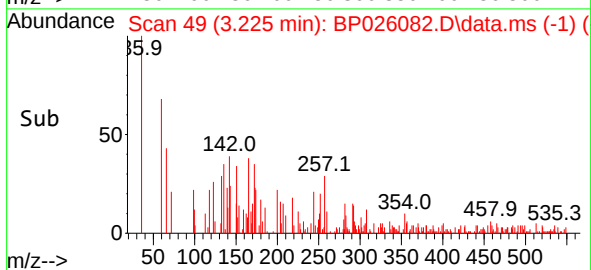
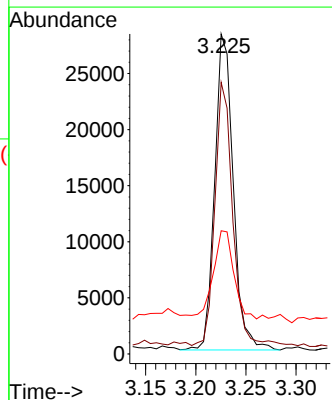
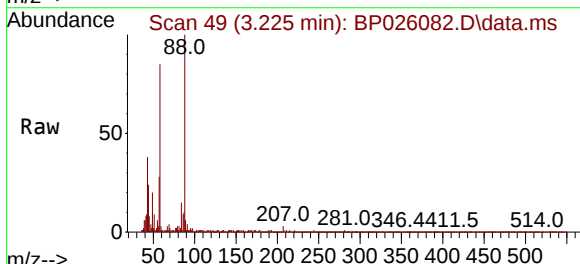
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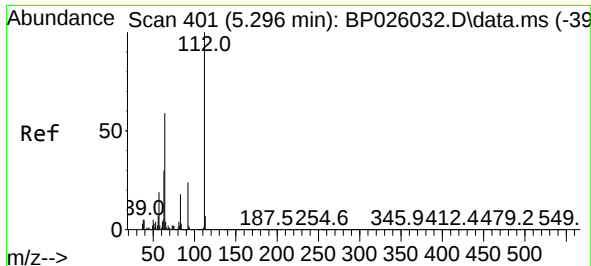
Tgt Ion:152 Resp: 246596
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.7 188.5
 115 58.4 46.4 69.6



#2
 1,4-Dioxane
 Concen: 5.744 ng
 RT: 3.225 min Scan# 49
 Delta R.T. -0.012 min
 Lab File: BP026082.D
 Acq: 06 Nov 2025 18:26

Tgt Ion: 88 Resp: 36187
 Ion Ratio Lower Upper
 88 100
 58 81.1 65.4 98.0
 43 0.0 23.1 34.7#

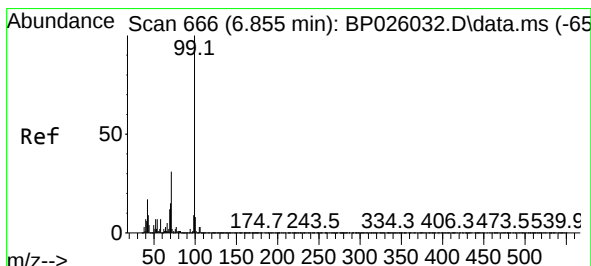
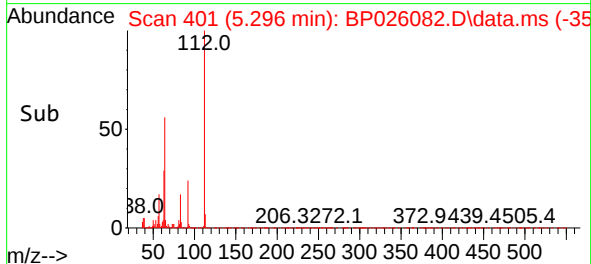
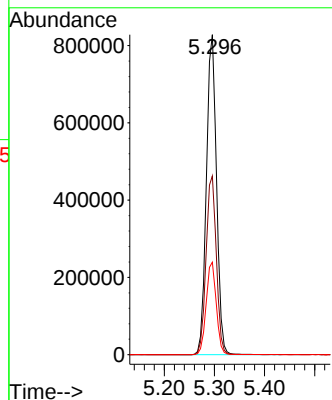
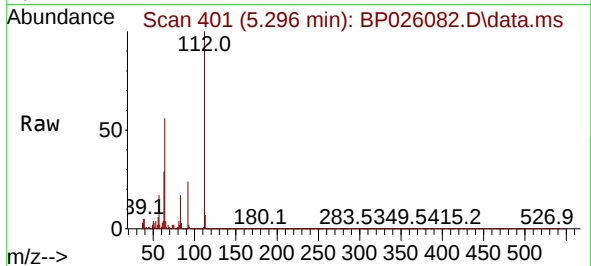




#5
2-Fluorophenol
Concen: 77.820 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

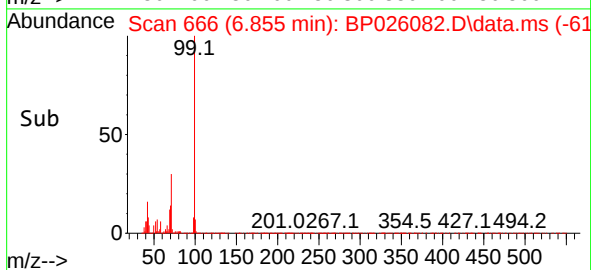
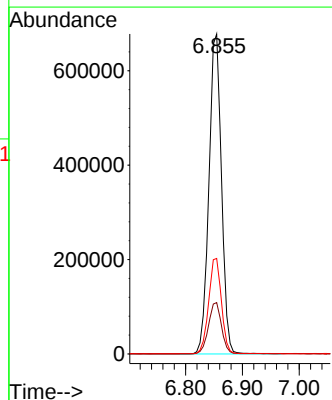
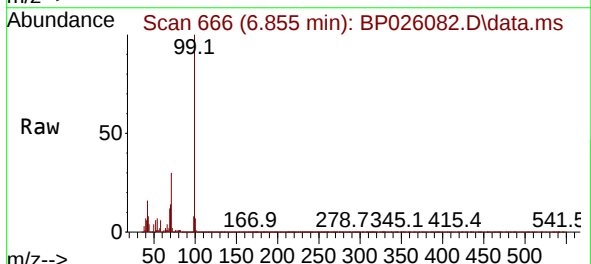
Instrument :
BNA_P
ClientSampleId :
MW-11

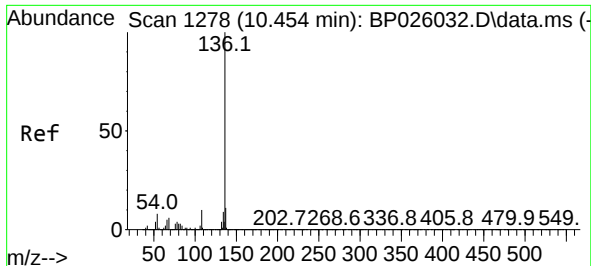
Tgt Ion:112 Resp: 1162965
Ion Ratio Lower Upper
112 100
64 55.9 47.4 71.2
63 28.9 24.2 36.4



#7
Phenol-d6
Concen: 54.421 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion: 99 Resp: 1035158
Ion Ratio Lower Upper
99 100
42 16.0 13.7 20.5
71 29.9 24.4 36.6

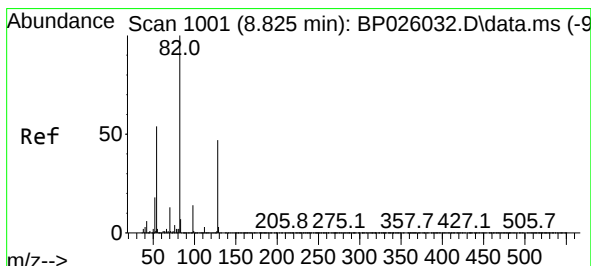
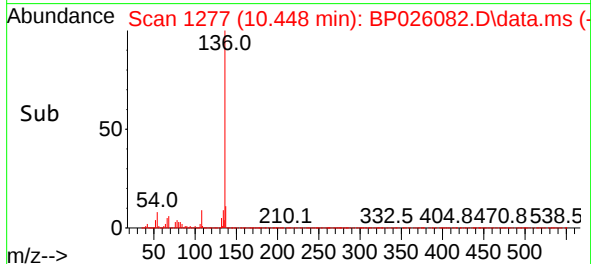
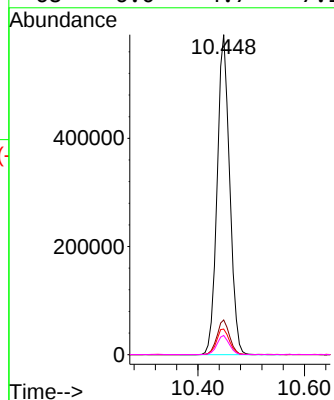
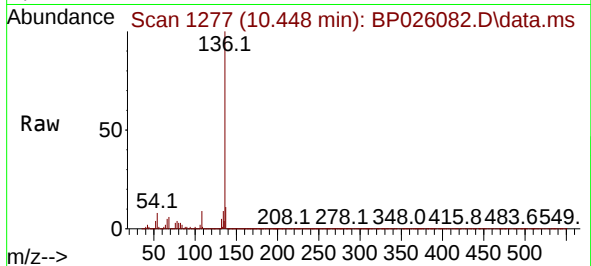




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.448 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

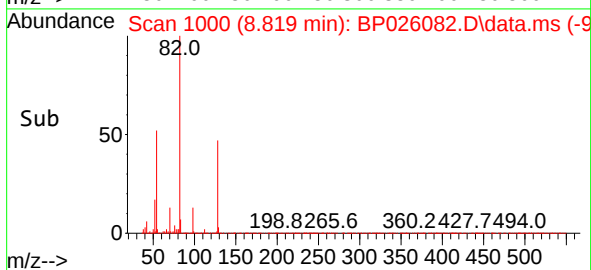
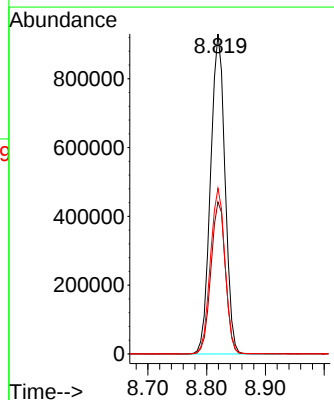
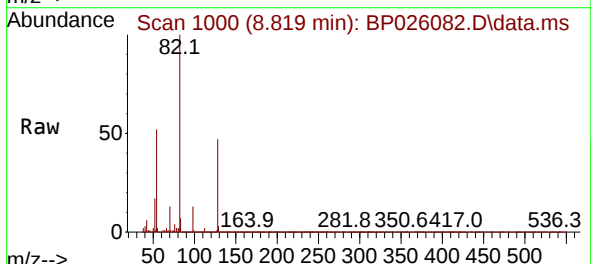
Instrument :
BNA_P
ClientSampleId :
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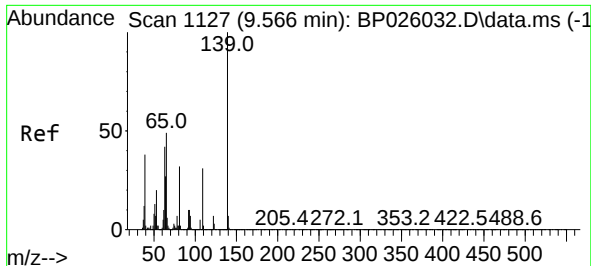
Tgt Ion:	136	Resp:	961848
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	6.6	10.0
68	6.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 103.028 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion:	82	Resp:	1589635
Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	51.8	42.7	64.1

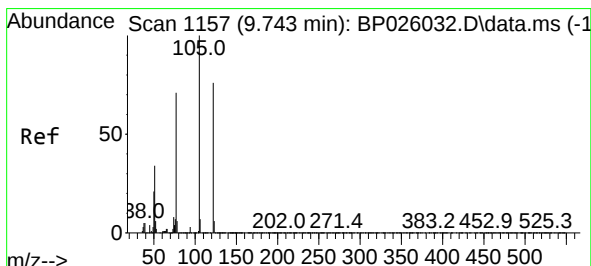
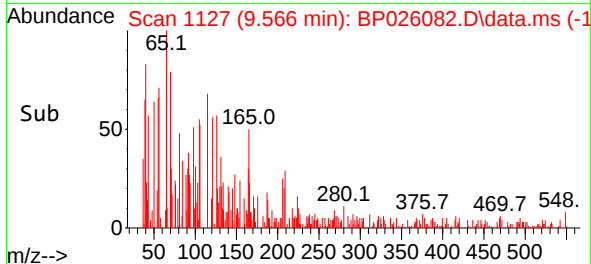
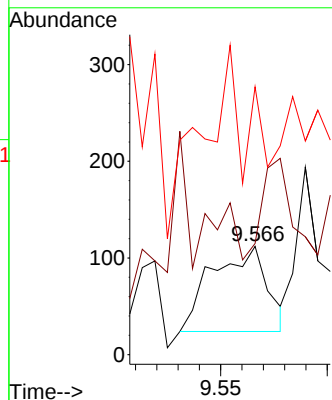
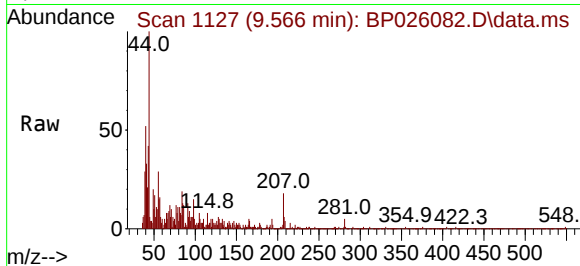




#26
2-Nitrophenol
Concen: 2.702 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

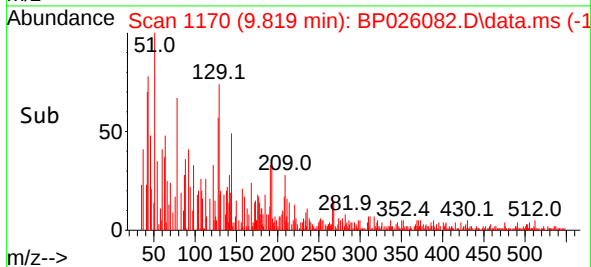
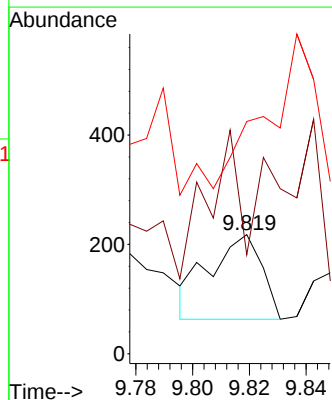
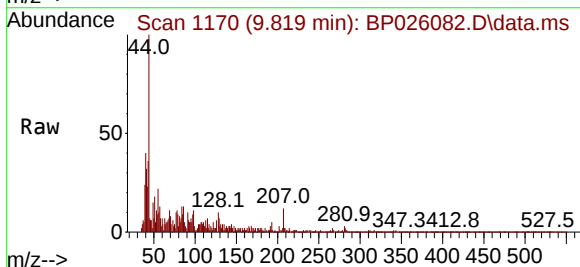
Instrument :
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ClientSampleId :
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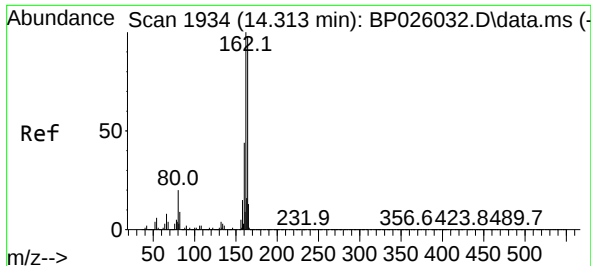
Tgt Ion:139 Resp: 157
Ion Ratio Lower Upper
139 100
109 102.7 24.8 37.2#
65 247.3 39.0 58.4#



#32
Benzoic acid
Concen: 3.147 ng
RT: 9.819 min Scan# 1170
Delta R.T. 0.041 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion:122 Resp: 199
Ion Ratio Lower Upper
122 100
105 83.0 104.8 144.8#
77 195.0 70.9 110.9#

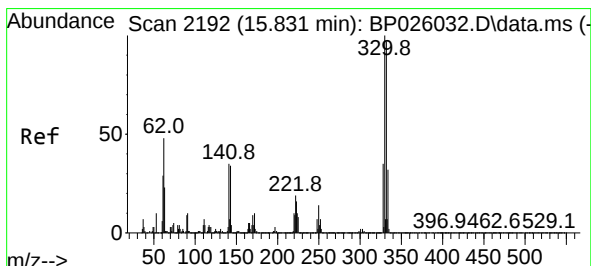
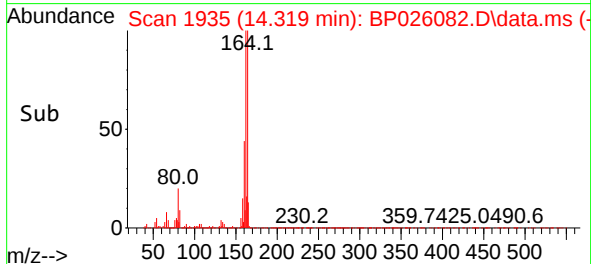
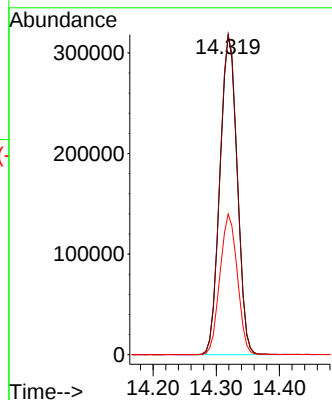
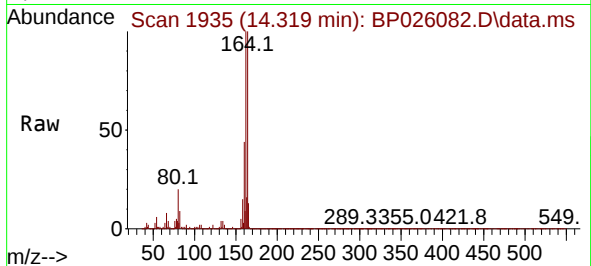




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

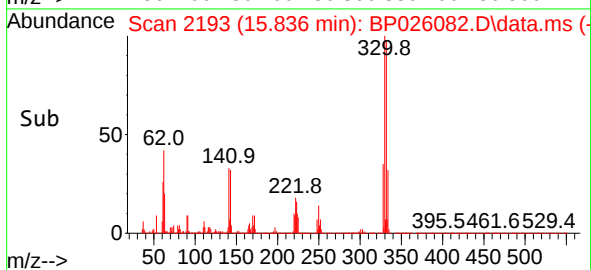
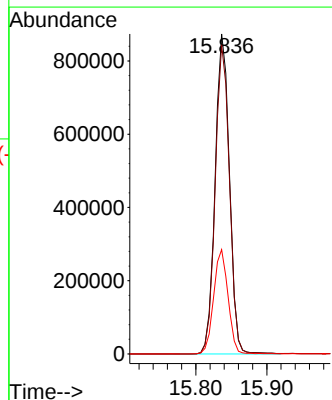
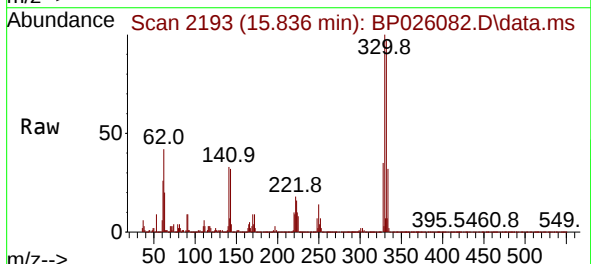
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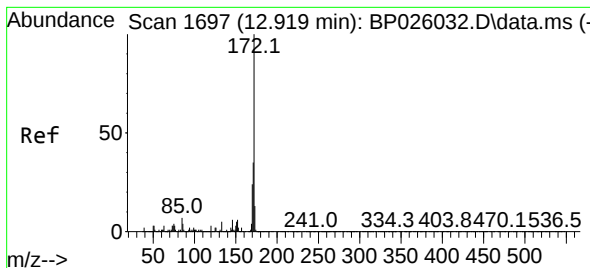
Tgt Ion:164 Resp: 600974
Ion Ratio Lower Upper
164 100
162 99.9 81.5 122.3
160 44.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 187.752 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion:330 Resp: 1219849
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 32.9 28.6 42.8





#45

2-Fluorobiphenyl

Concen: 86.902 ng

RT: 12.931 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP026082.D

Acq: 06 Nov 2025 18:26

Instrument :

BNA_P

ClientSampleId :

MW-11

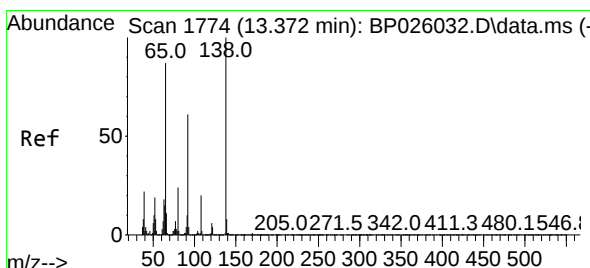
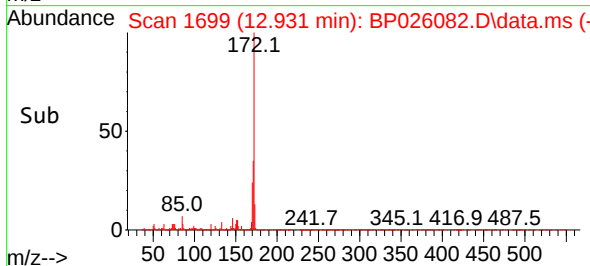
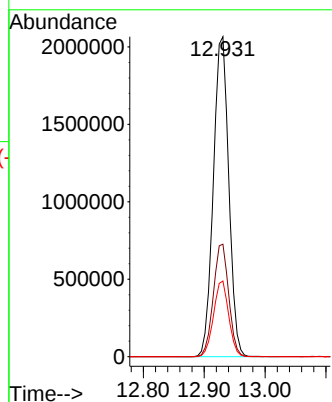
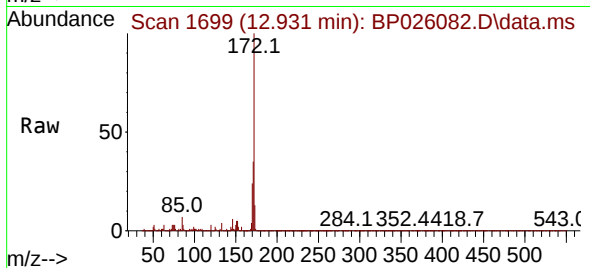
Tgt Ion:172 Resp: 3634552

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.7 19.0 28.4



#48

2-Nitroaniline

Concen: 2.919 ng

RT: 13.378 min Scan# 1775

Delta R.T. -0.000 min

Lab File: BP026082.D

Acq: 06 Nov 2025 18:26

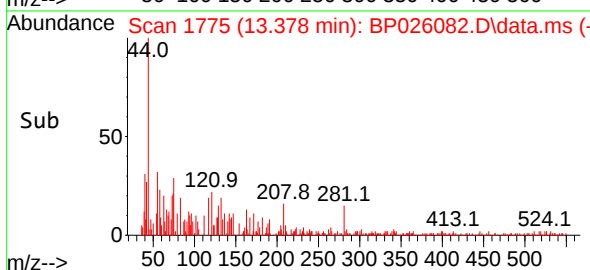
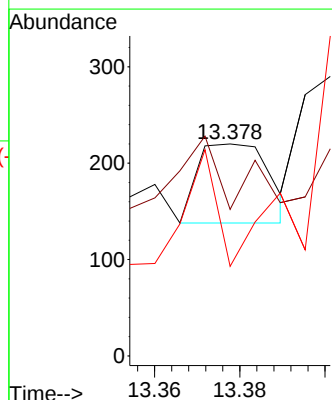
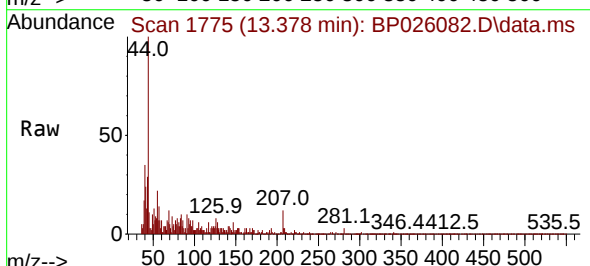
Tgt Ion: 65 Resp: 96

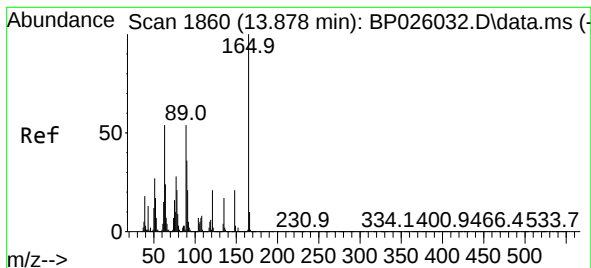
Ion Ratio Lower Upper

65 100

92 69.1 55.5 83.3

138 42.3 91.7 137.5#

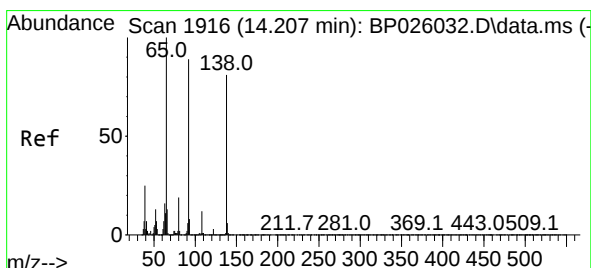
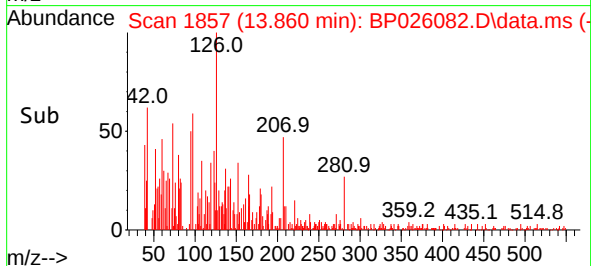
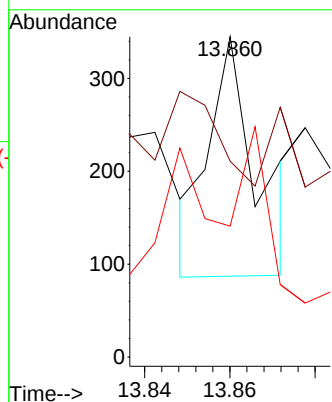
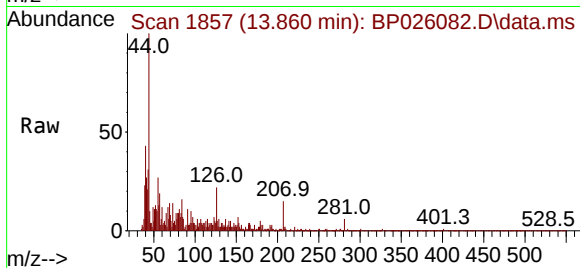




#51
2,6-Dinitrotoluene
Concen: 3.014 ng
RT: 13.860 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

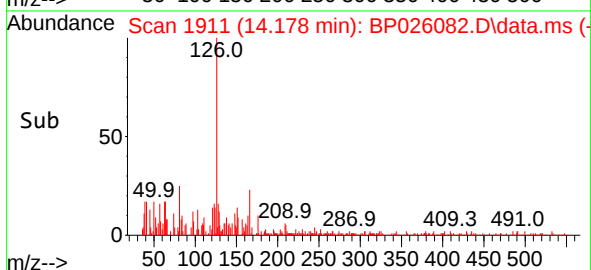
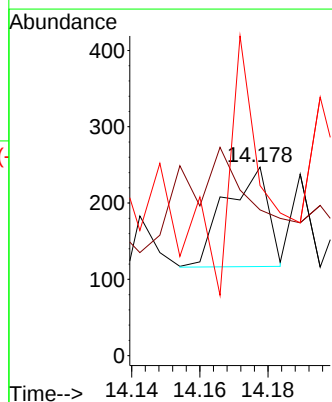
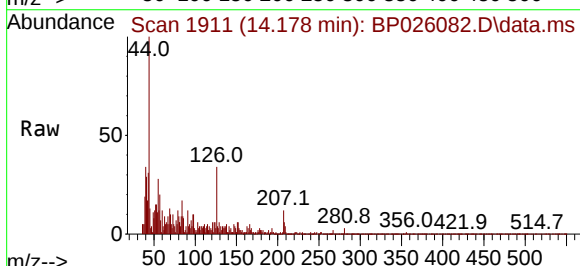
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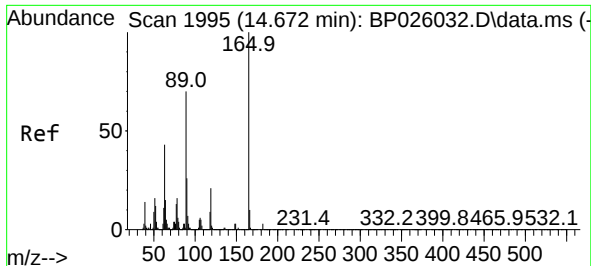
Tgt Ion:	165	Resp:	202
Ion	Ratio	Lower	Upper
165	100		
63	61.2	43.0	64.4
89	45.8	43.0	64.4



#53
3-Nitroaniline
Concen: 2.648 ng
RT: 14.178 min Scan# 1911
Delta R.T. -0.029 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion:	138	Resp:	113
Ion	Ratio	Lower	Upper
138	100		
108	77.3	11.4	17.0#
92	90.3	87.1	130.7

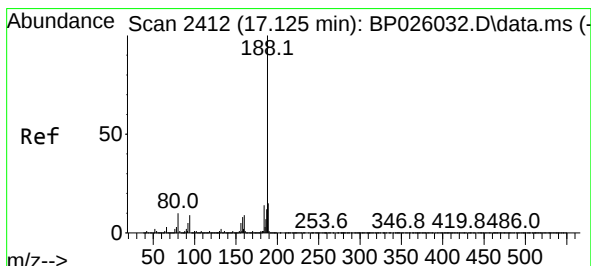
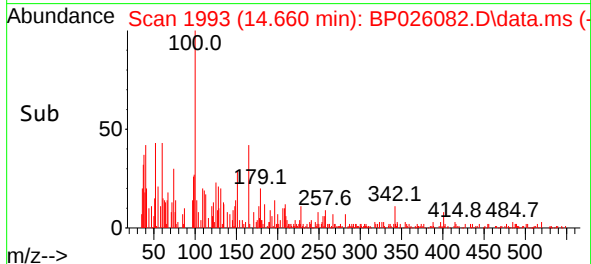
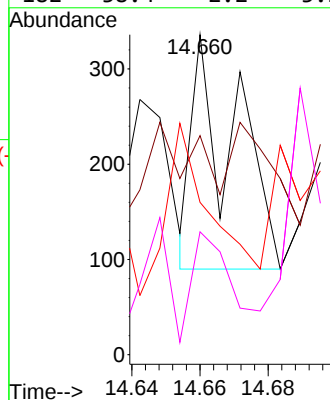
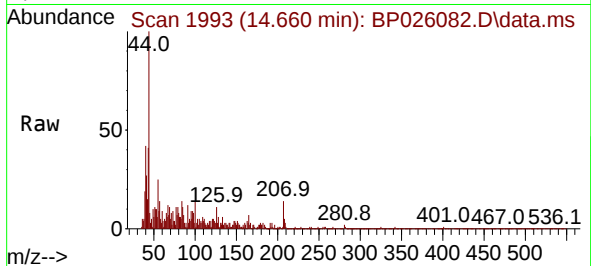




#57
2,4-Dinitrotoluene
Concen: 3.103 ng
RT: 14.660 min Scan# 1993
Delta R.T. -0.018 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

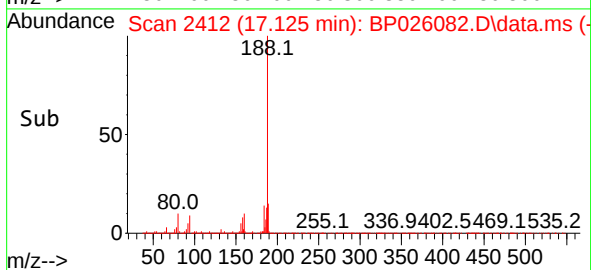
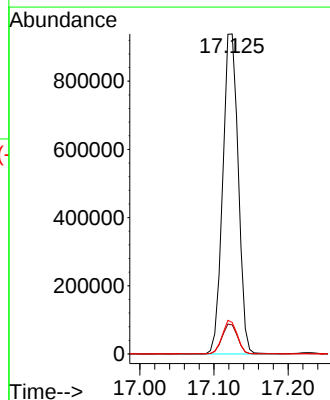
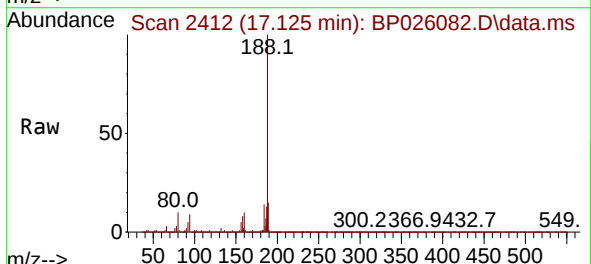
Instrument :
BNA_P
ClientSampleId :
MW-11

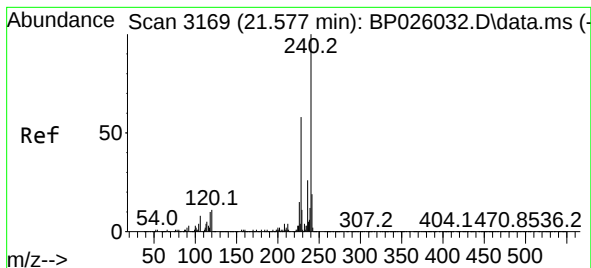
Tgt Ion:165 Resp: 214
Ion Ratio Lower Upper
165 100
63 68.5 34.2 51.2#
89 47.6 56.0 84.0#
182 38.4 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion:188 Resp: 1364168
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 9.8 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: BP026082.D

Acq: 06 Nov 2025 18:26

Instrument :

BNA_P

ClientSampleId :

MW-11

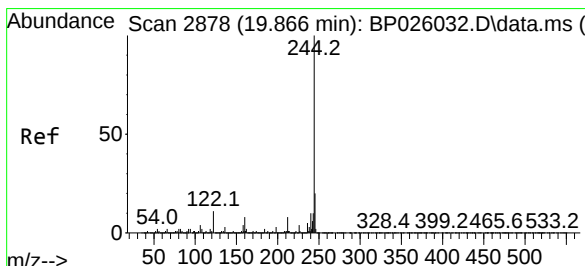
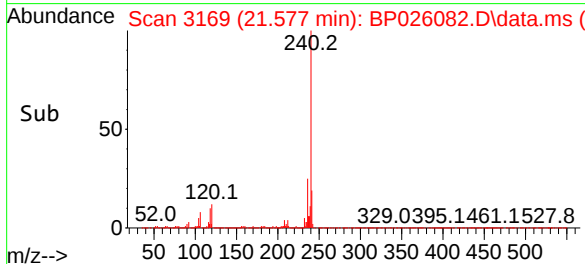
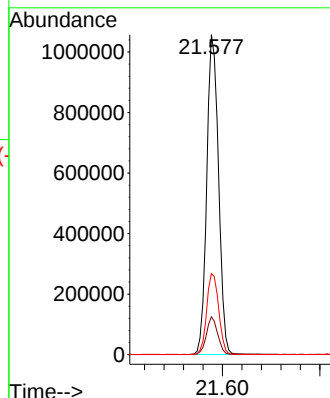
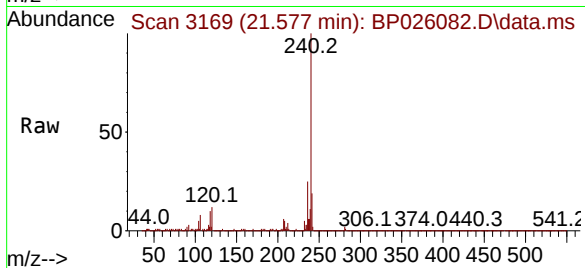
Tgt Ion:240 Resp: 1768109

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

236 25.4 20.6 31.0



#79

Terphenyl-d14

Concen: 84.172 ng

RT: 19.871 min Scan# 2879

Delta R.T. 0.006 min

Lab File: BP026082.D

Acq: 06 Nov 2025 18:26

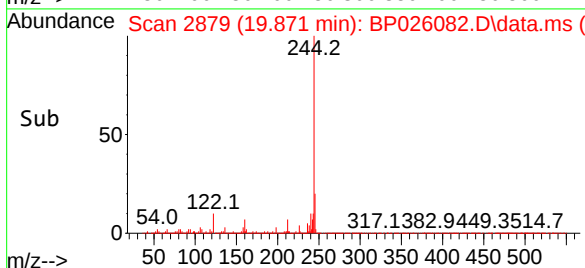
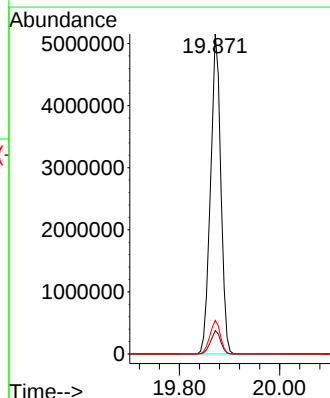
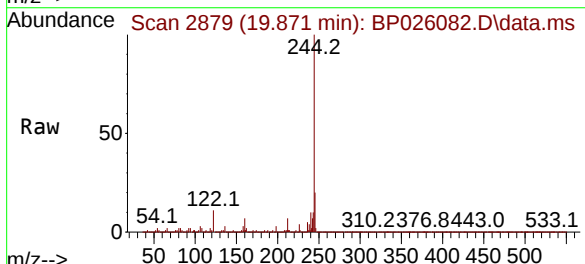
Tgt Ion:244 Resp: 7325193

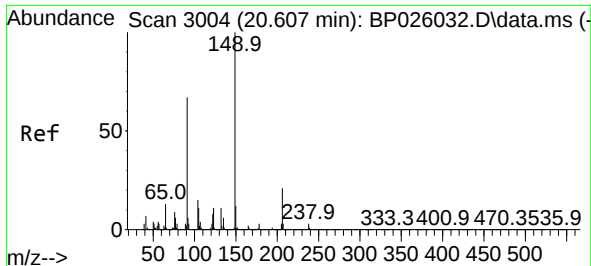
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.5 9.0 13.6

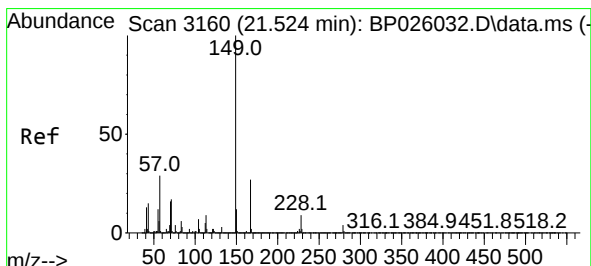
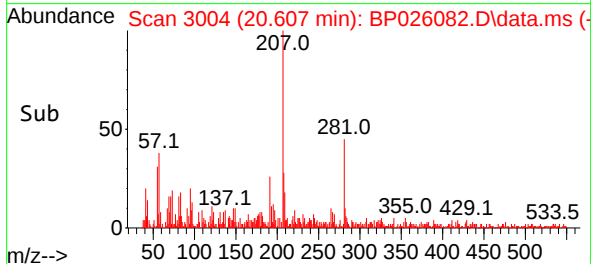
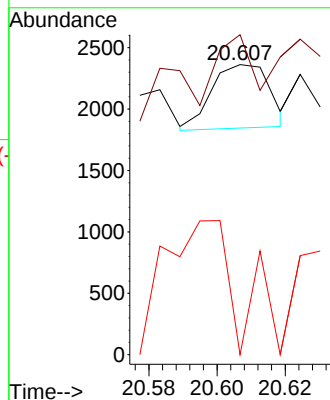
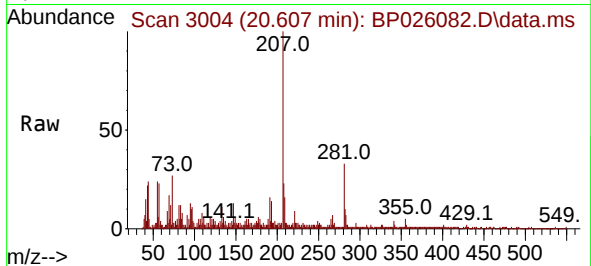




#80
 Butylbenzylphthalate
 Concen: 3.410 ng
 RT: 20.607 min Scan# 3004
 Delta R.T. -0.000 min
 Lab File: BP026082.D
 Acq: 06 Nov 2025 18:26

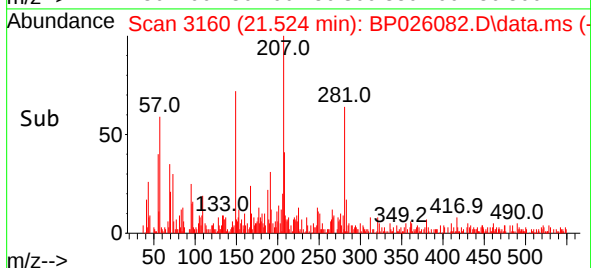
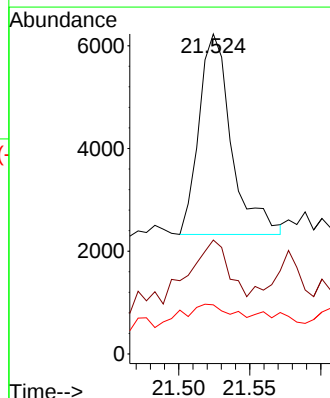
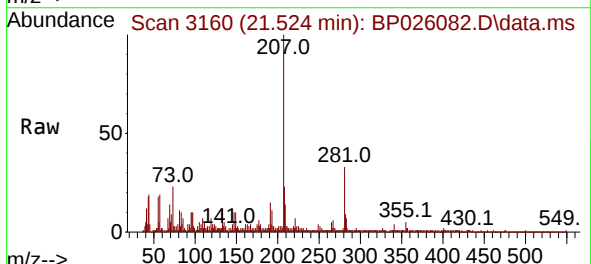
Instrument :
 BNA_P
 ClientSampleId :
 MW-11

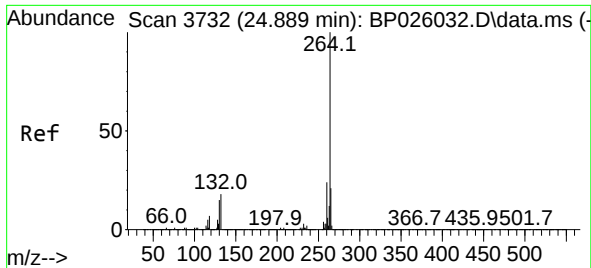
Tgt Ion:149 Resp: 611
 Ion Ratio Lower Upper
 149 100
 91 110.3 53.5 80.3#
 206 0.0 16.6 25.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.679 ng
 RT: 21.524 min Scan# 3160
 Delta R.T. 0.006 min
 Lab File: BP026082.D
 Acq: 06 Nov 2025 18:26

Tgt Ion:149 Resp: 6202
 Ion Ratio Lower Upper
 149 100
 167 35.6 21.5 32.3#
 279 15.3 3.0 4.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.907 min Scan# 31
 Delta R.T. 0.024 min
 Lab File: BP026082.D
 Acq: 06 Nov 2025 18:26

Instrument :
 BNA_P
 ClientSampleId :
 MW-11

Tgt Ion:264 Resp: 2046411
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 22.0 17.2 25.8

