

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026083.D
 Acq On : 06 Nov 2025 19:07
 Operator : RC/JU
 Sample : Q3534-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-5

Quant Time: Nov 07 01:01:57 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)

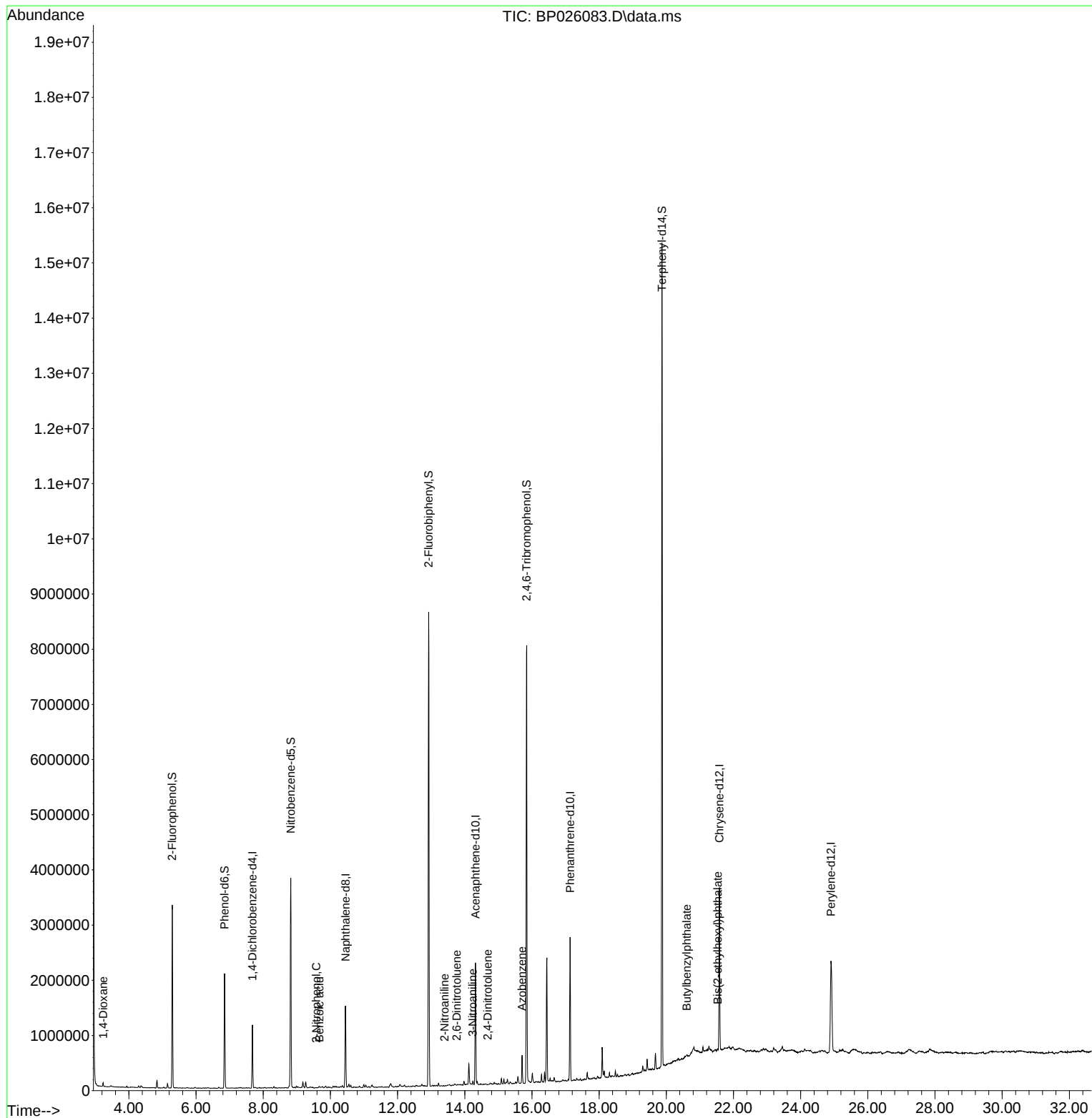
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	318473	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1283462	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	829933	20.000	ng	0.00
64) Phenanthrene-d10	17.137	188	1657805	20.000	ng	0.01
76) Chrysene-d12	21.583	240	1728941	20.000	ng	0.02
86) Perylene-d12	24.901	264	2004698	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1447269	74.987	ng	0.00
7) Phenol-d6	6.849	99	1183337	48.171	ng	0.00
23) Nitrobenzene-d5	8.819	82	2092316	101.627	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	1557099	173.543	ng	0.01
45) 2-Fluorobiphenyl	12.925	172	4951321	85.726	ng	0.00
79) Terphenyl-d14	19.872	244	7779259	91.414	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	30263	3.719	ng	# 83
26) 2-Nitrophenol	9.578	139	224	2.704	ng	# 1
32) Benzoic acid	9.672	122	6394	3.854	ng	95
48) 2-Nitroaniline	13.396	65	162	2.922	ng	# 35
51) 2,6-Dinitrotoluene	13.760	165	263	3.013	ng	87
53) 3-Nitroaniline	14.237	138	1991	2.776	ng	# 1
57) 2,4-Dinitrotoluene	14.684	165	119	3.093	ng	# 52
63) Azobenzene	15.707	77	137731	2.504	ng	# 1
80) Butylbenzylphthalate	20.607	149	7567	3.558	ng	# 47
84) Bis(2-ethylhexyl)phtha...	21.530	149	20473	2.875	ng	# 90

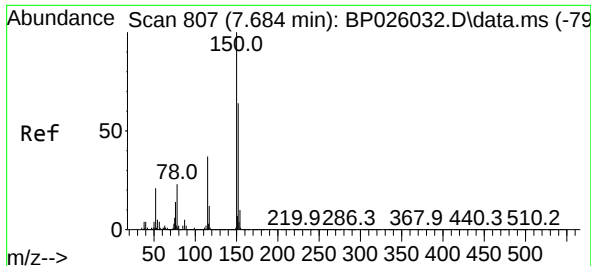
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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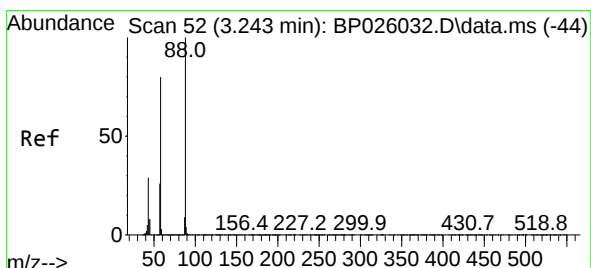
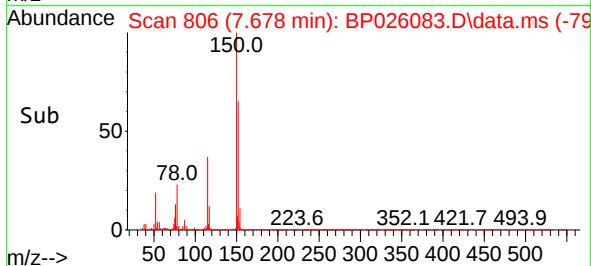
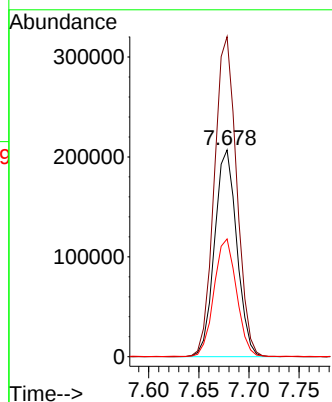
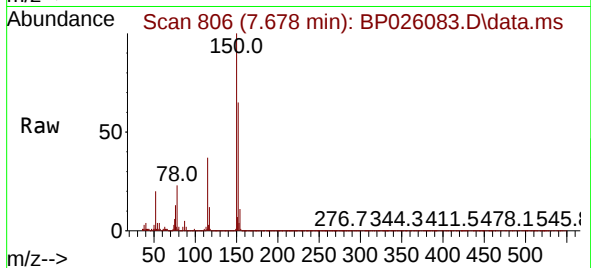




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.678 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP026083.D
 Acq: 06 Nov 2025 19:07

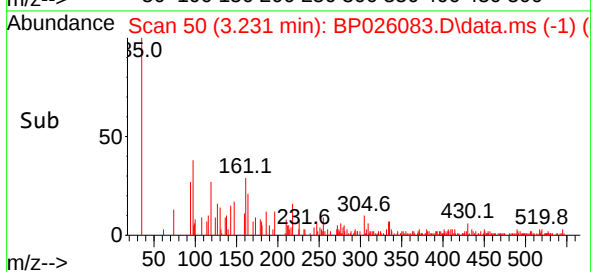
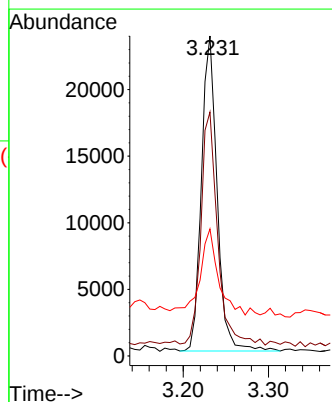
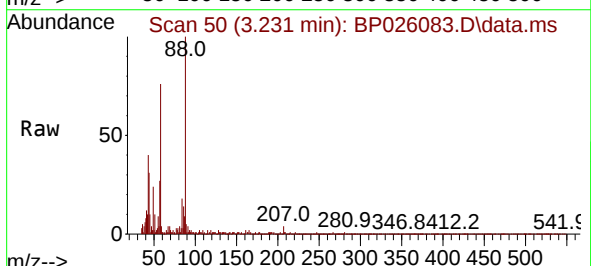
Instrument :
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 MW-5

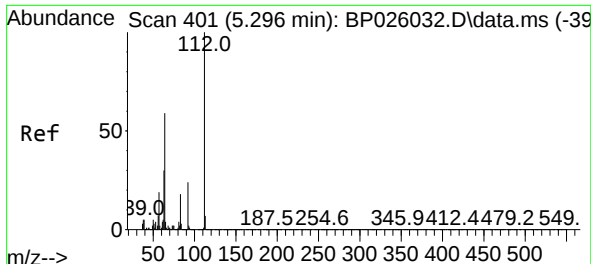
Tgt Ion:152 Resp: 318473
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.7 188.5
 115 57.0 46.4 69.6



#2
 1,4-Dioxane
 Concen: 3.719 ng
 RT: 3.231 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: BP026083.D
 Acq: 06 Nov 2025 19:07

Tgt Ion: 88 Resp: 30263
 Ion Ratio Lower Upper
 88 100
 58 78.5 65.4 98.0
 43 0.0 23.1 34.7#

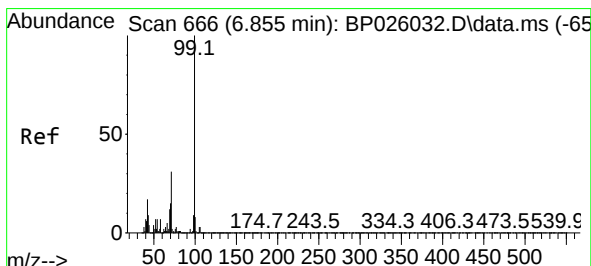
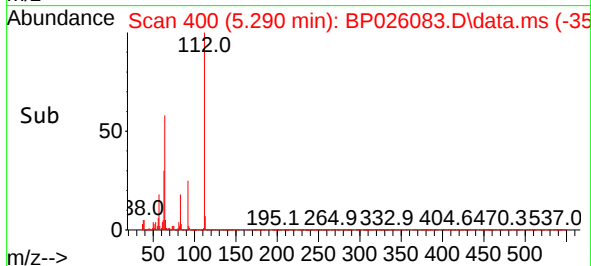
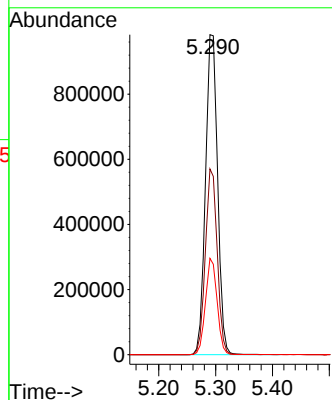
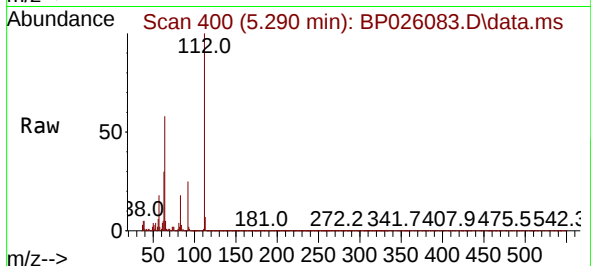




#5
2-Fluorophenol
Concen: 74.987 ng
RT: 5.290 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

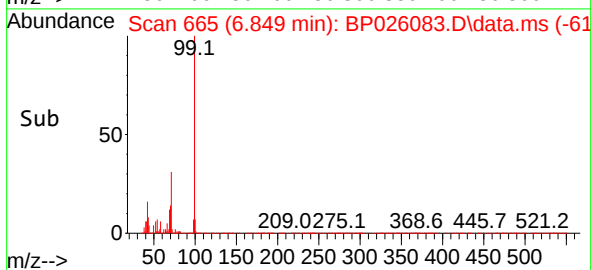
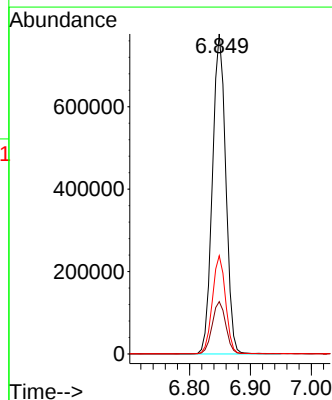
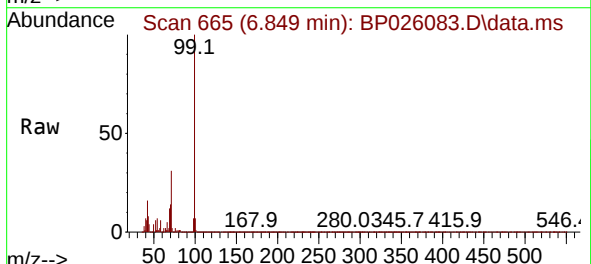
Instrument :
BNA_P
ClientSampleId :
MW-5

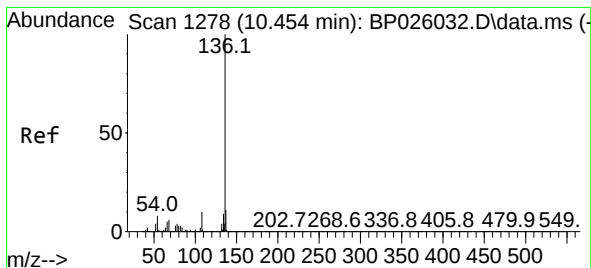
Tgt Ion:112 Resp: 1447269
Ion Ratio Lower Upper
112 100
64 58.0 47.4 71.2
63 30.1 24.2 36.4



#7
Phenol-d6
Concen: 48.171 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion: 99 Resp: 1183337
Ion Ratio Lower Upper
99 100
42 16.3 13.7 20.5
71 30.7 24.4 36.6

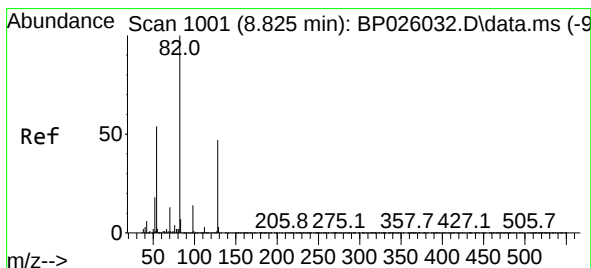
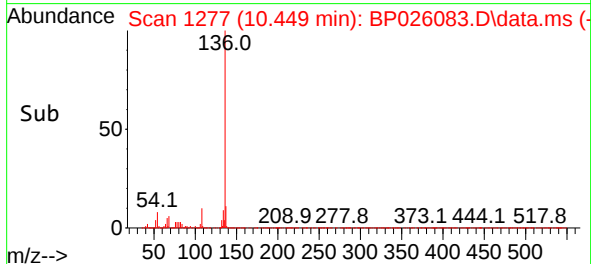
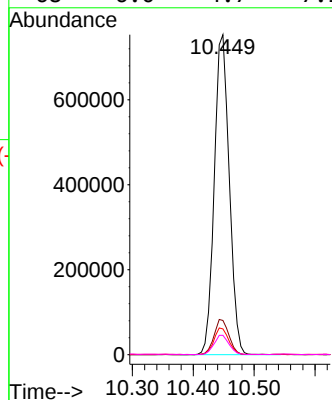
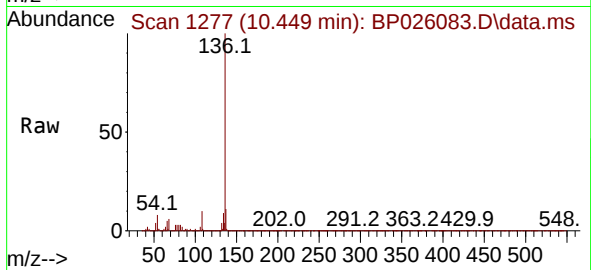




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1000
Delta R.T. -0.005 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

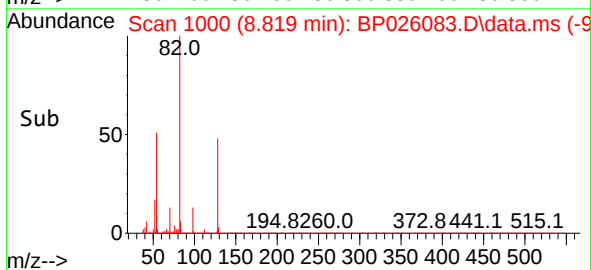
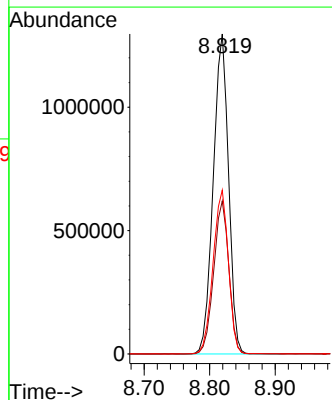
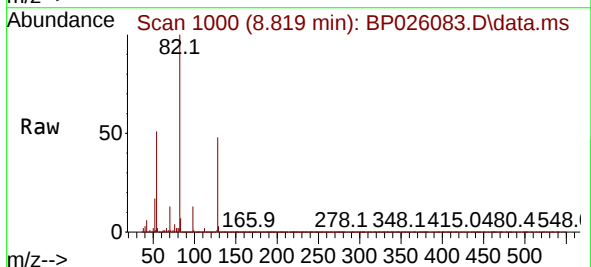
Instrument :
BNA_P
ClientSampleId :
MW-5

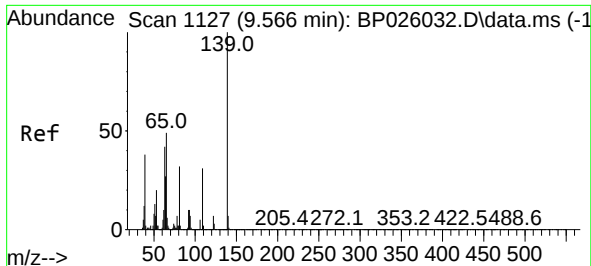
Tgt Ion:136 Resp: 1283462
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.1 6.6 10.0
68 6.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 101.627 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion: 82 Resp: 2092316
Ion Ratio Lower Upper
82 100
128 47.8 37.4 56.0
54 51.2 42.7 64.1

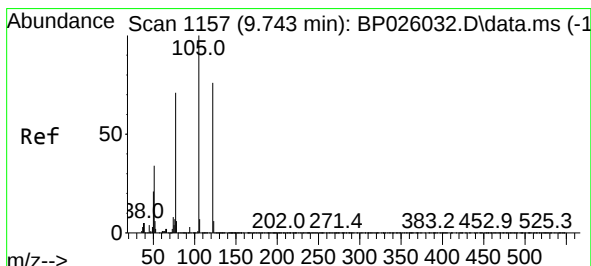
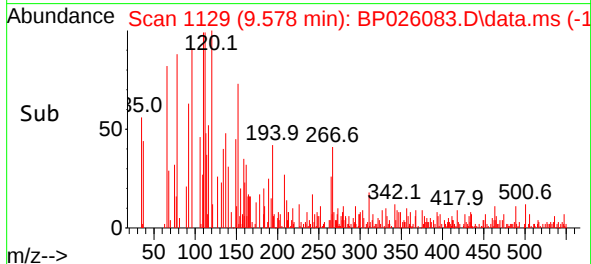
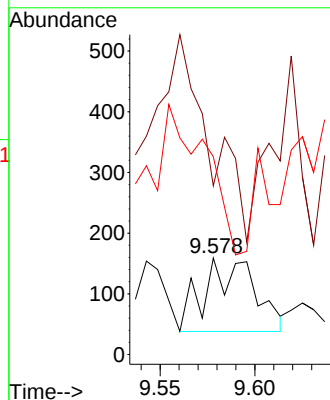
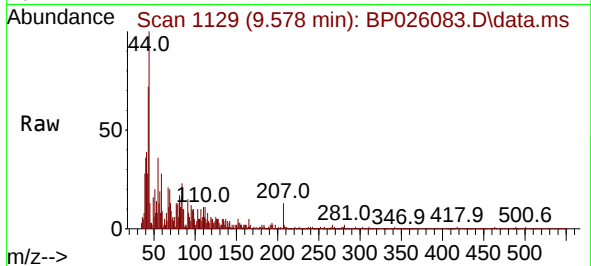




#26
2-Nitrophenol
Concen: 2.704 ng
RT: 9.578 min Scan# 1127
Delta R.T. 0.012 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

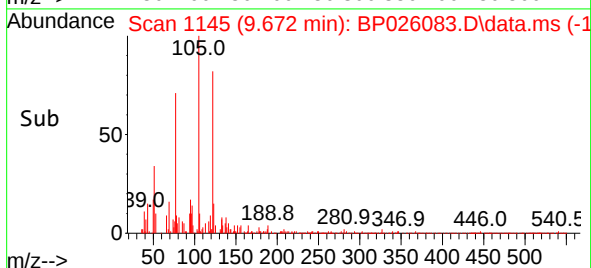
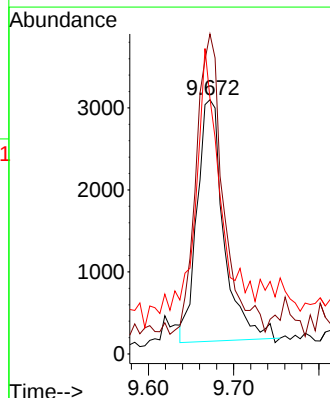
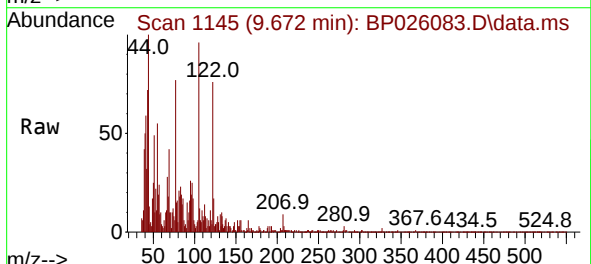
Instrument :
BNA_P
ClientSampleId :
MW-5

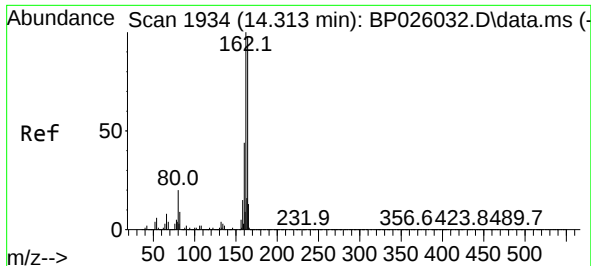
Tgt Ion:139 Resp: 224
Ion Ratio Lower Upper
139 100
109 174.8 24.8 37.2#
65 205.0 39.0 58.4#



#32
Benzoic acid
Concen: 3.854 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.106 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion:122 Resp: 6394
Ion Ratio Lower Upper
122 100
105 125.9 104.8 144.8
77 100.5 70.9 110.9

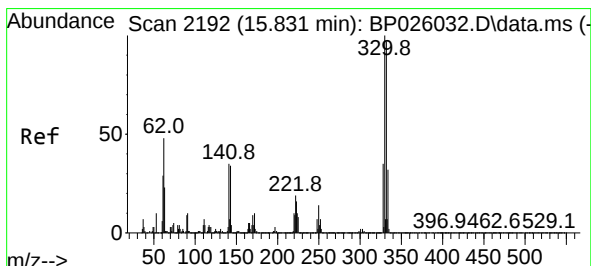
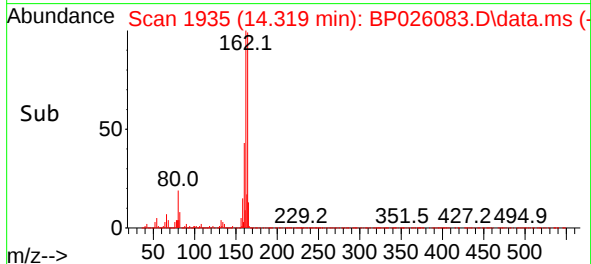
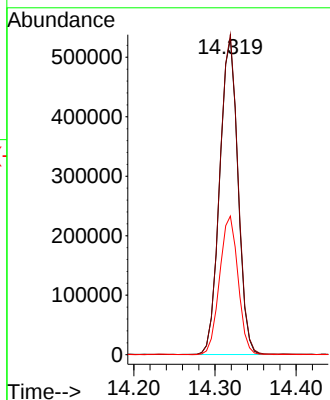
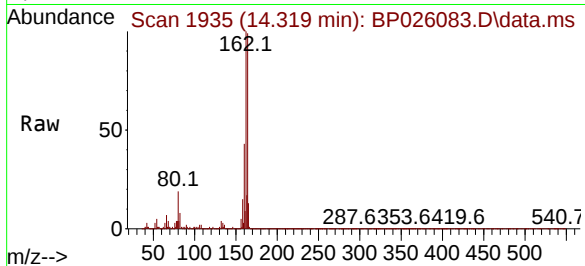




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

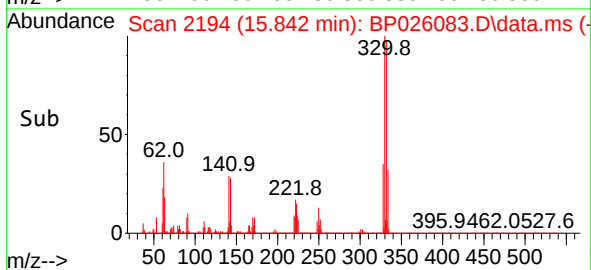
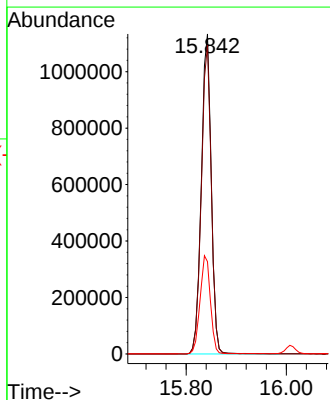
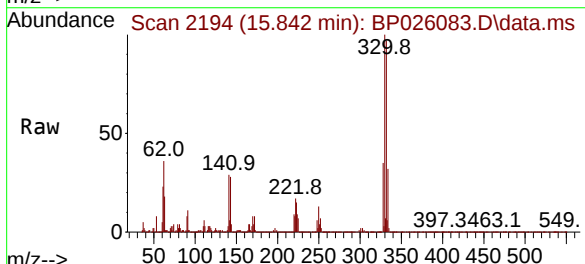
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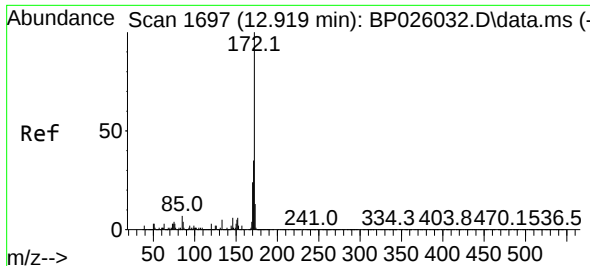
Tgt Ion:164 Resp: 829933
Ion Ratio Lower Upper
164 100
162 101.4 81.5 122.3
160 43.9 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 173.543 ng
RT: 15.842 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion:330 Resp: 1557099
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 32.1 28.6 42.8

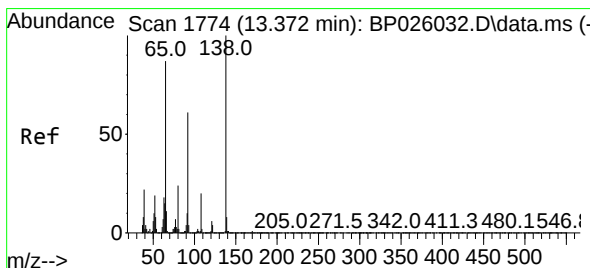
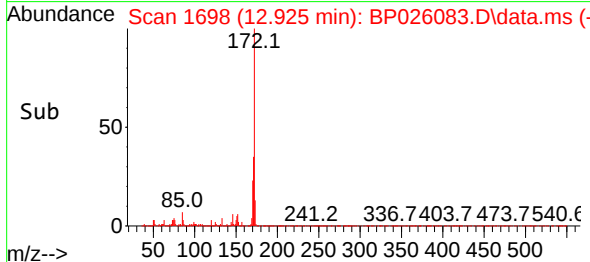
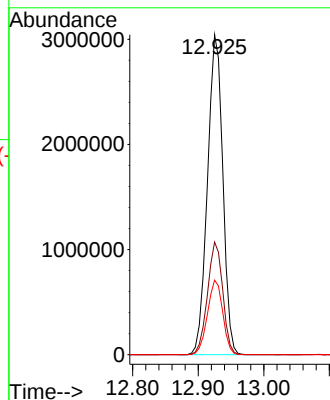
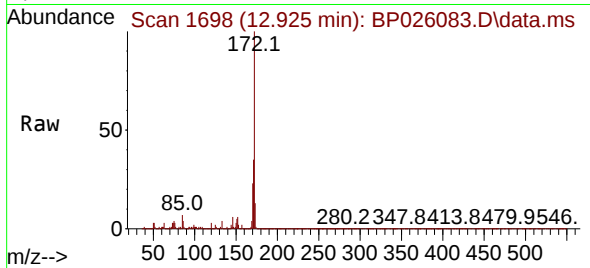




#45
2-Fluorobiphenyl
Concen: 85.726 ng
RT: 12.925 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

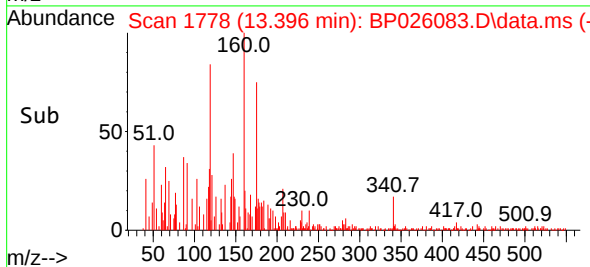
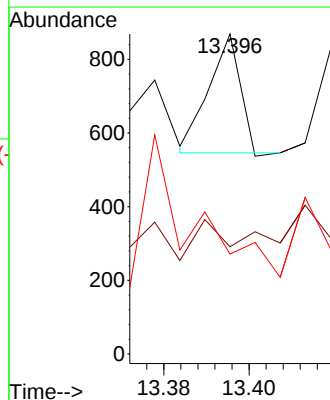
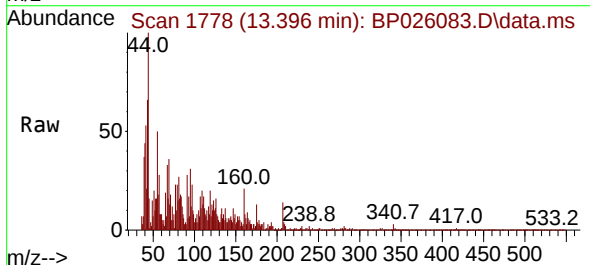
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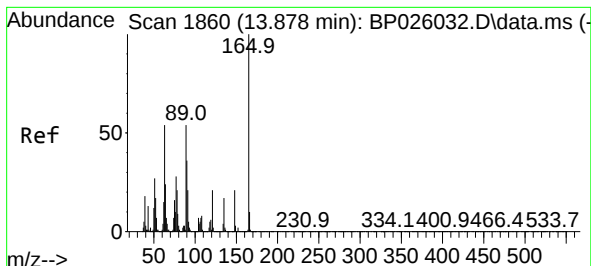
Tgt Ion:172 Resp: 4951321
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.3 19.0 28.4



#48
2-Nitroaniline
Concen: 2.922 ng
RT: 13.396 min Scan# 1778
Delta R.T. 0.018 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion: 65 Resp: 162
Ion Ratio Lower Upper
65 100
92 33.5 55.5 83.3#
138 31.2 91.7 137.5#

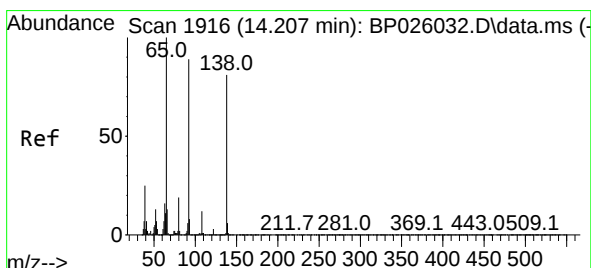
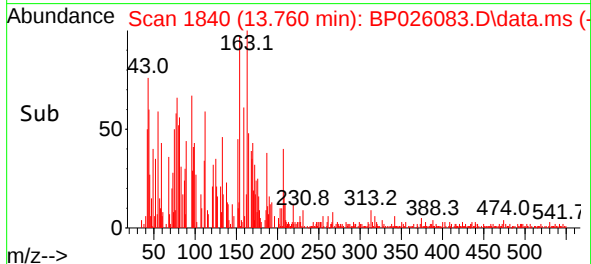
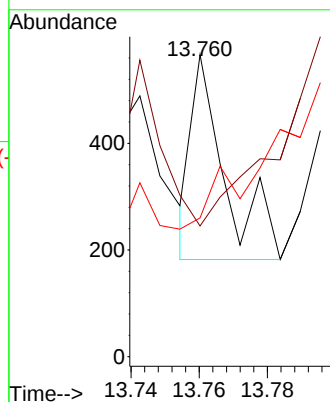
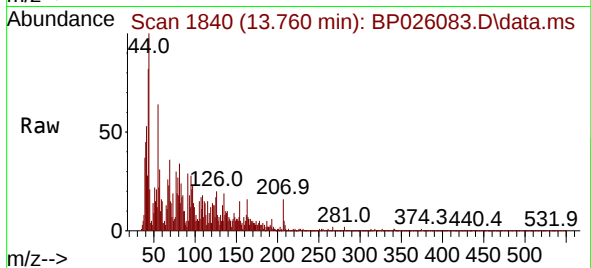




#51
2,6-Dinitrotoluene
Concen: 3.013 ng
RT: 13.760 min Scan# 1860
Delta R.T. -0.118 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

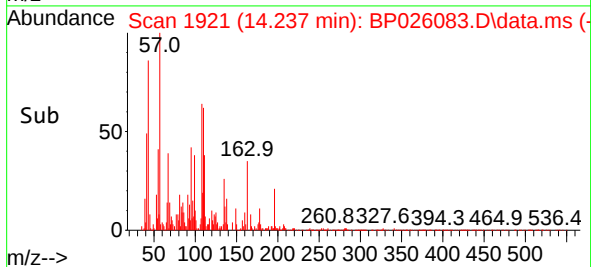
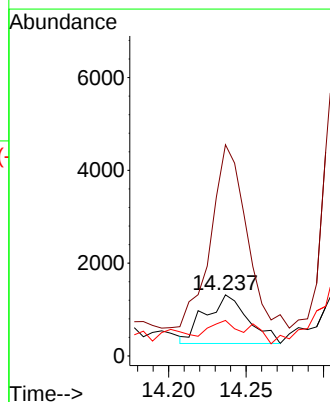
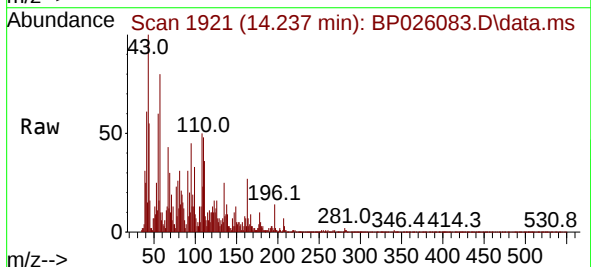
Instrument :
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MW-5

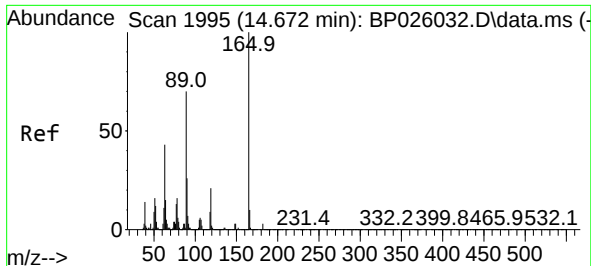
Tgt Ion:	165	Resp:	263
Ion Ratio	Lower	Upper	
165	100		
63	43.3	43.0	64.4
89	45.9	43.0	64.4



#53
3-Nitroaniline
Concen: 2.776 ng
RT: 14.237 min Scan# 1921
Delta R.T. 0.030 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion:	138	Resp:	1991
Ion Ratio	Lower	Upper	
138	100		
108	345.6	11.4	17.0#
92	58.1	87.1	130.7#

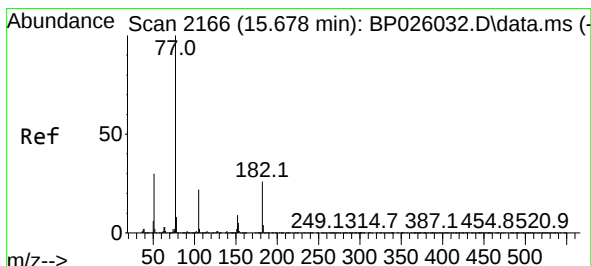
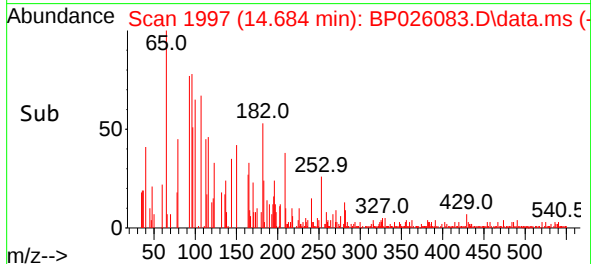
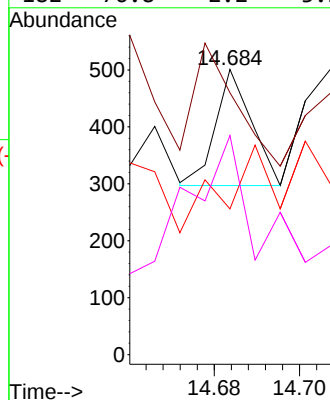
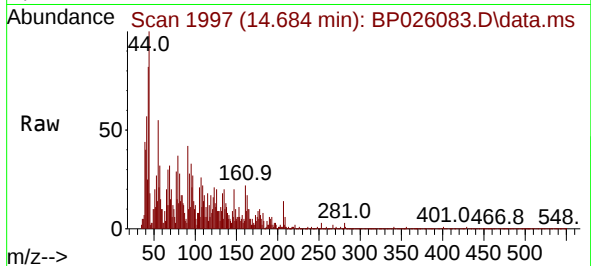




#57
2,4-Dinitrotoluene
Concen: 3.093 ng
RT: 14.684 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

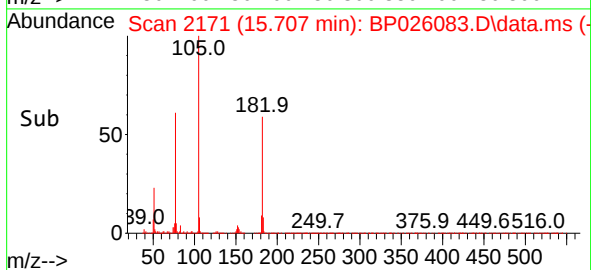
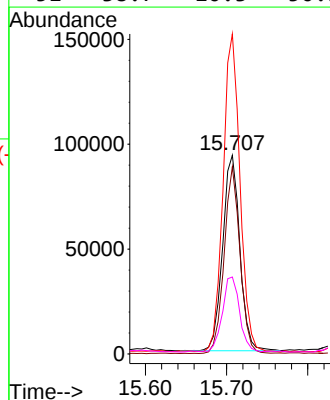
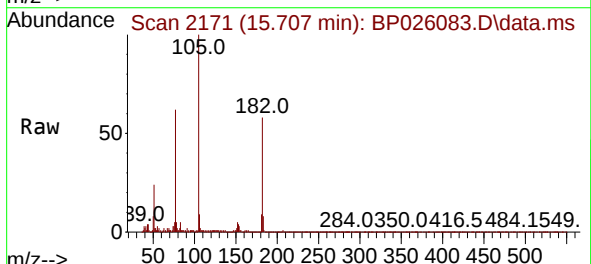
Instrument :
BNA_P
ClientSampleId :
MW-5

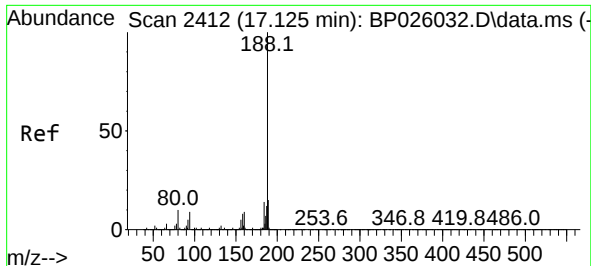
Tgt Ion:	165	Resp:	119
Ion	Ratio	Lower	Upper
165	100		
63	91.8	34.2	51.2#
89	51.1	56.0	84.0#
182	76.8	2.2	3.2#



#63
Azobenzene
Concen: 2.504 ng
RT: 15.707 min Scan# 2171
Delta R.T. 0.018 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion:	77	Resp:	137731
Ion	Ratio	Lower	Upper
77	100		
182	94.2	6.4	46.4#
105	161.0	2.2	42.2#
51	38.7	10.3	50.3

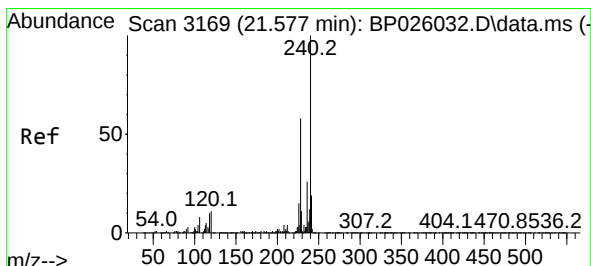
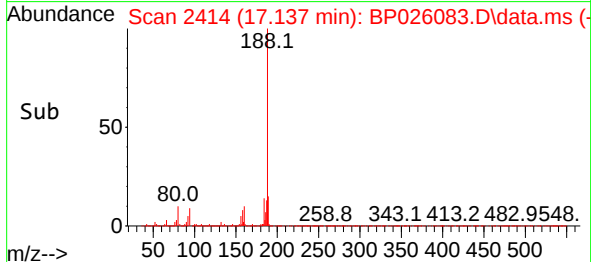
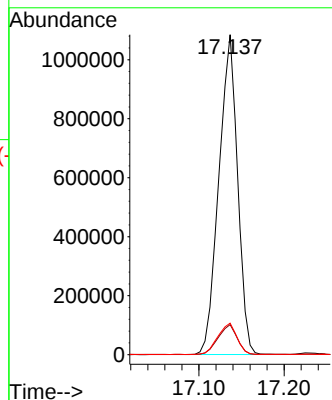
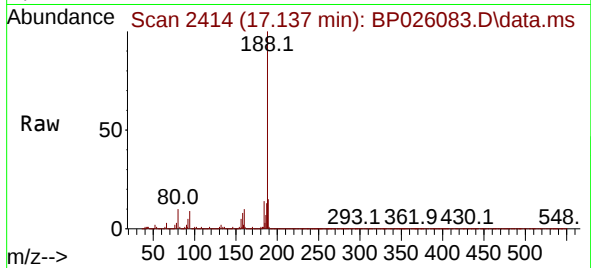




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.137 min Scan# 2412
Delta R.T. 0.012 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

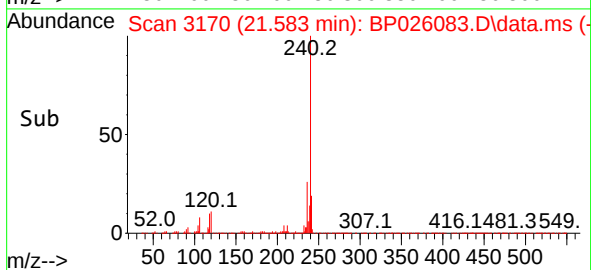
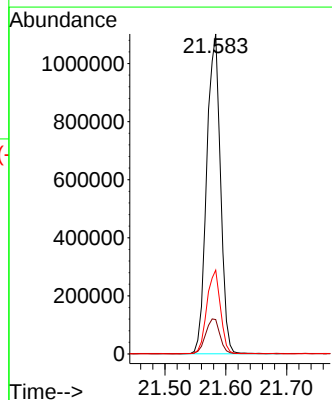
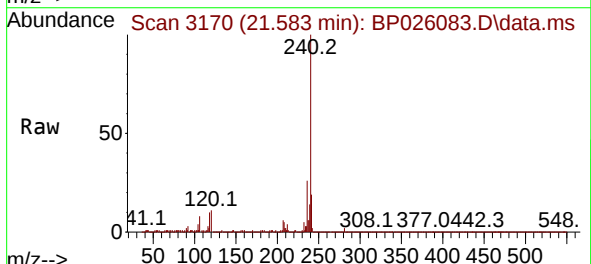
Instrument :
BNA_P
ClientSampleId :
MW-5

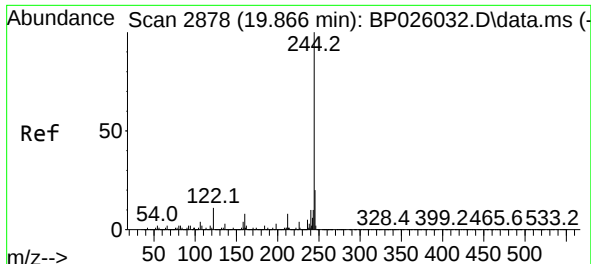
Tgt Ion:188 Resp: 1657805
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 9.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.018 min
Lab File: BP026083.D
Acq: 06 Nov 2025 19:07

Tgt Ion:240 Resp: 1728941
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.2 20.6 31.0

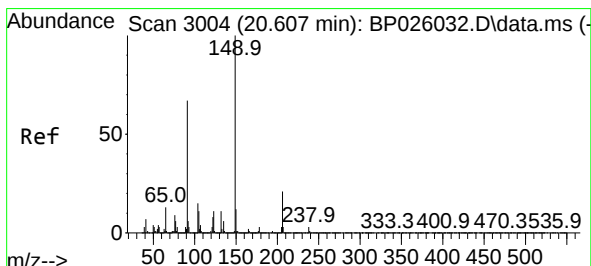
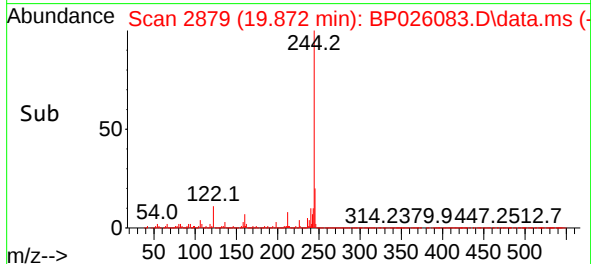
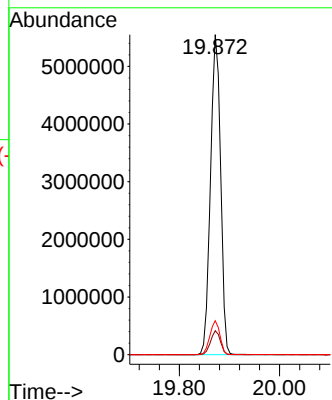
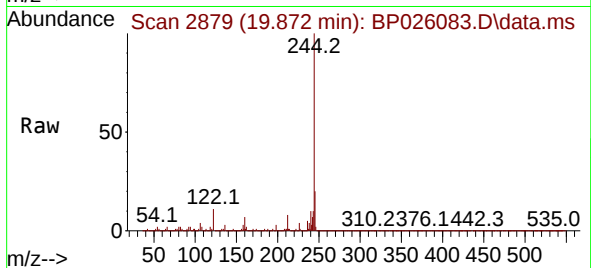




#79
 Terphenyl-d14
 Concen: 91.414 ng
 RT: 19.872 min Scan# 2879
 Delta R.T. 0.006 min
 Lab File: BP026083.D
 Acq: 06 Nov 2025 19:07

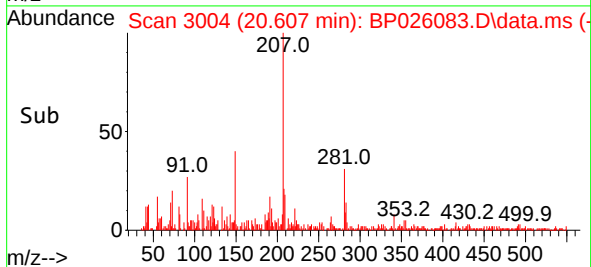
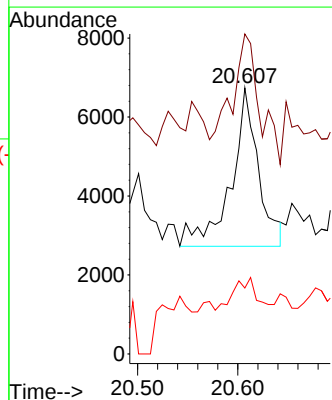
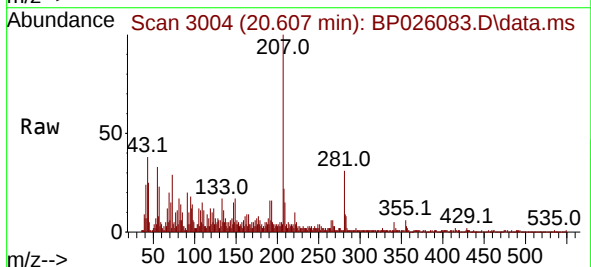
Instrument :
 BNA_P
 ClientSampleId :
 MW-5

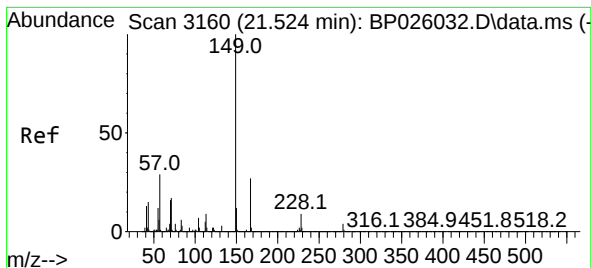
Tgt Ion:244 Resp: 7779259
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.6 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.558 ng
 RT: 20.607 min Scan# 3004
 Delta R.T. -0.000 min
 Lab File: BP026083.D
 Acq: 06 Nov 2025 19:07

Tgt Ion:149 Resp: 7567
 Ion Ratio Lower Upper
 149 100
 91 120.2 53.5 80.3#
 206 24.8 16.6 25.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.875 ng

RT: 21.530 min Scan# 3161

Delta R.T. 0.012 min

Lab File: BP026083.D

Acq: 06 Nov 2025 19:07

Instrument :

BNA_P

ClientSampleId :

MW-5

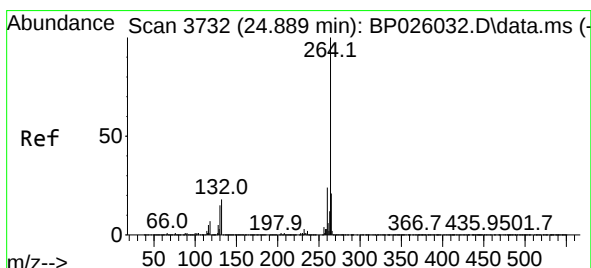
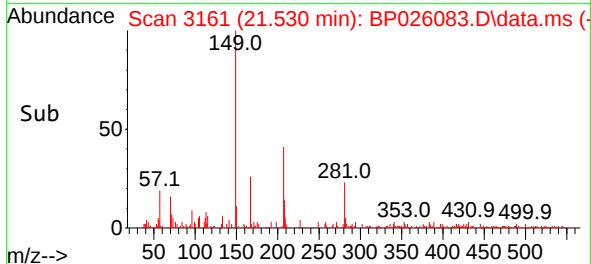
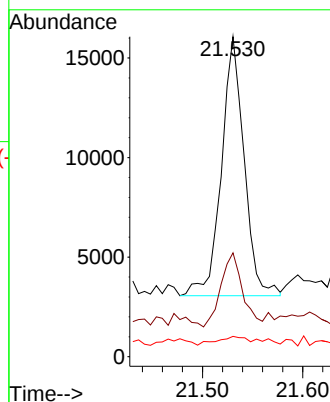
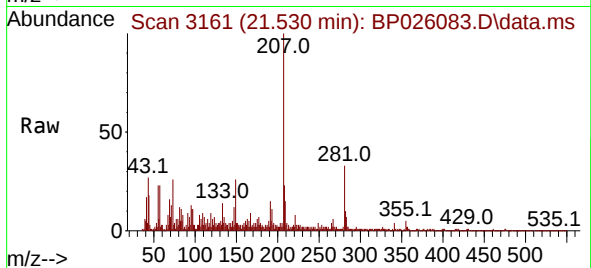
Tgt Ion:149 Resp: 20473

Ion Ratio Lower Upper

149 100

167 32.5 21.5 32.3#

279 6.4 3.0 4.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.901 min Scan# 3734

Delta R.T. 0.018 min

Lab File: BP026083.D

Acq: 06 Nov 2025 19:07

Tgt Ion:264 Resp: 2004698

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 22.2 17.2 25.8

