

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
 Data File : BP026059.D
 Acq On : 03 Nov 2025 15:32
 Operator : RC/JU
 Sample : Q3494-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW3

Quant Time: Nov 03 15:52:41 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)

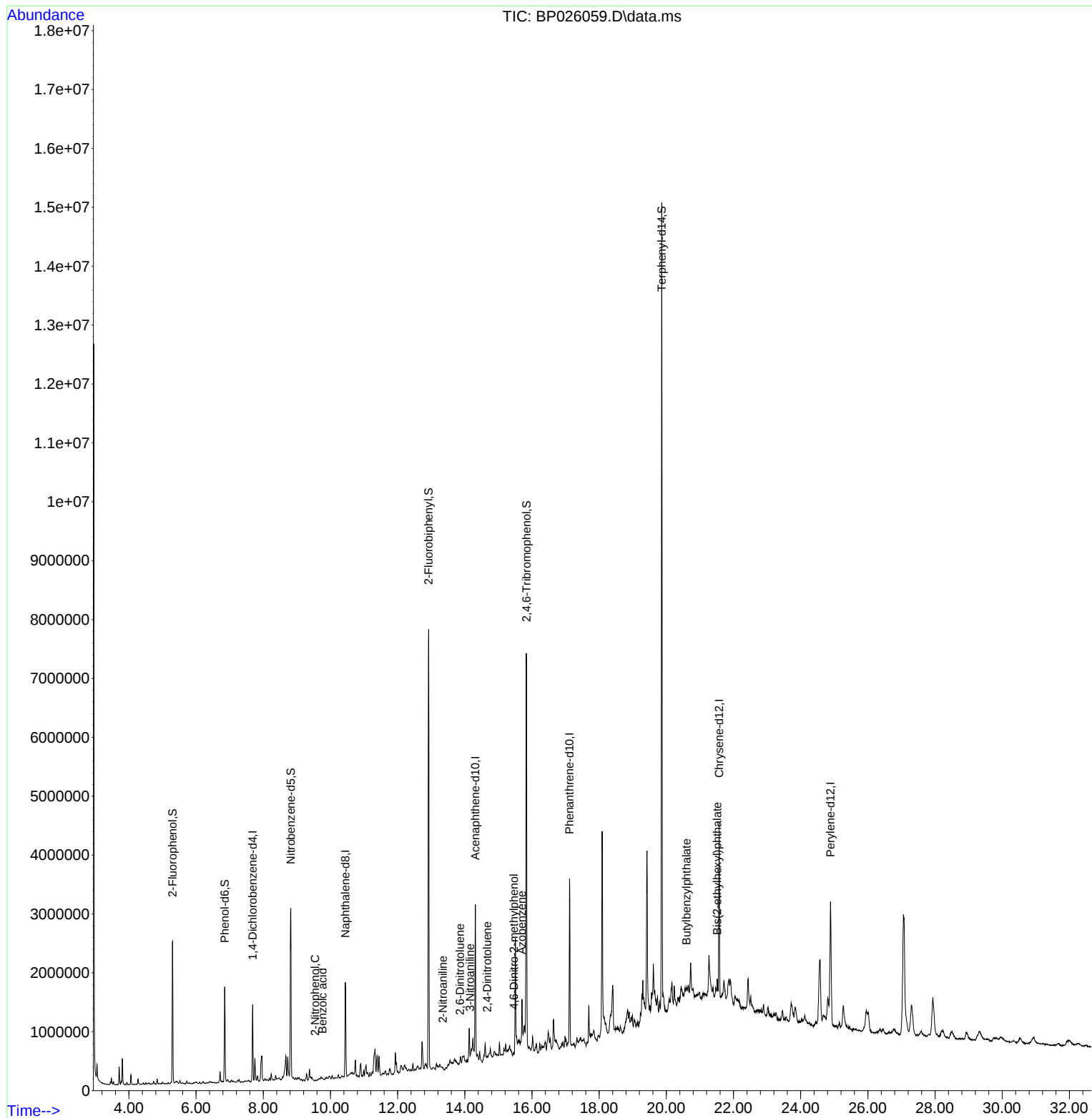
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	338089	20.000	ng	0.00
21) Naphthalene-d8	10.442	136	1368250	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	860067	20.000	ng	0.00
64) Phenanthrene-d10	17.118	188	1701642	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1818937	20.000	ng	0.00
86) Perylene-d12	24.889	264	2087664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.301	112	1112958	54.320	ng	0.00
7) Phenol-d6	6.854	99	948116	36.356	ng	0.00
23) Nitrobenzene-d5	8.819	82	1675513	76.339	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	1305825	140.439	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4116008	68.767	ng	0.00
79) Terphenyl-d14	19.865	244	6889410	76.952	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.548	139	114	2.690	ng	# 1
32) Benzoic acid	9.760	122	476	3.168	ng	# 53
48) 2-Nitroaniline	13.348	65	1624	3.024	ng	# 63
51) 2,6-Dinitrotoluene	13.860	165	4044	3.315	ng	# 79
53) 3-Nitroaniline	14.160	138	1364	2.729	ng	# 29
57) 2,4-Dinitrotoluene	14.672	165	1003	3.141	ng	# 64
63) Azobenzene	15.701	77	185299	3.251	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.460	198	596	2.082	ng	# 1
80) Butylbenzylphthalate	20.601	149	5881	3.516	ng	# 25
84) Bis(2-ethylhexyl)phtha...	21.518	149	148716	4.516	ng	# 95

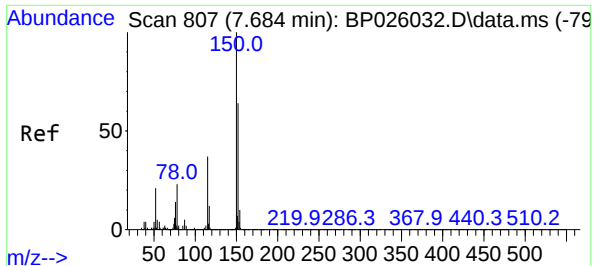
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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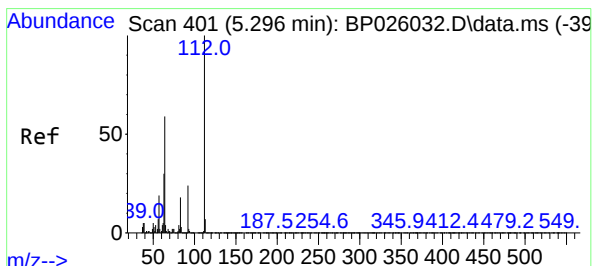
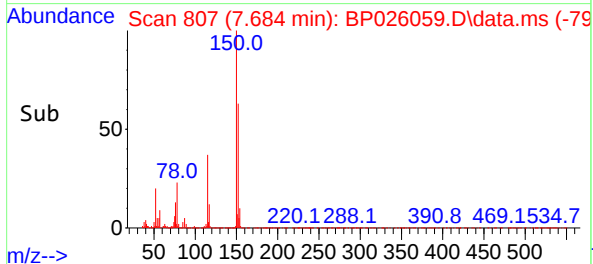
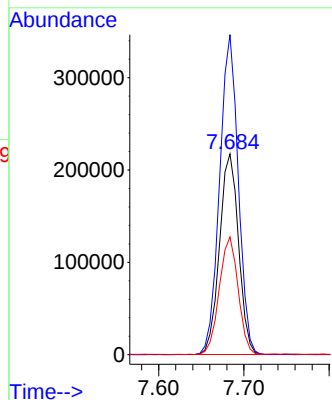
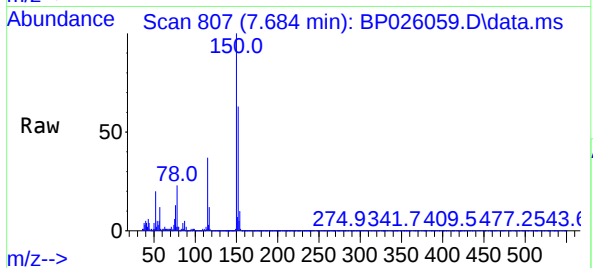




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

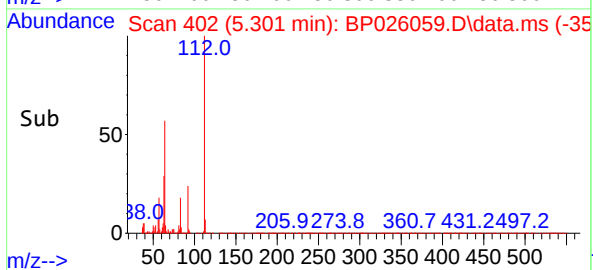
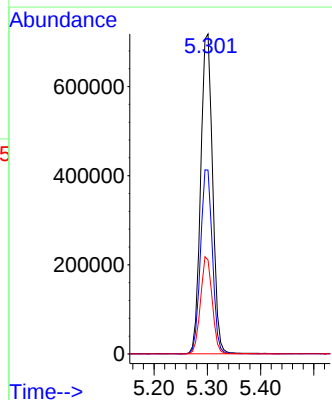
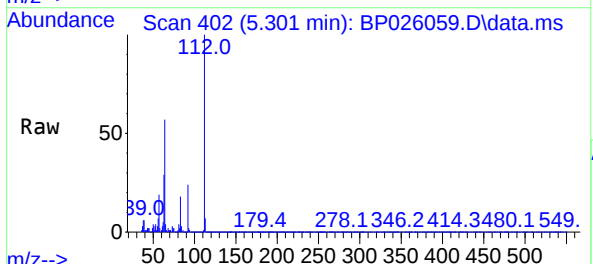
Instrument :
BNA_P
ClientSampleId :
MW3

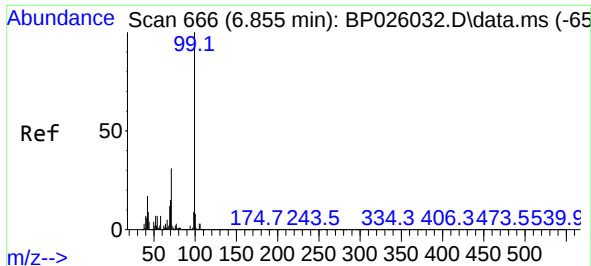
Tgt Ion:152 Resp: 338089
Ion Ratio Lower Upper
152 100
150 159.3 125.7 188.5
115 58.6 46.4 69.6



#5
2-Fluorophenol
Concen: 54.320 ng
RT: 5.301 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Tgt Ion:112 Resp: 1112958
Ion Ratio Lower Upper
112 100
64 57.4 47.4 71.2
63 29.4 24.2 36.4

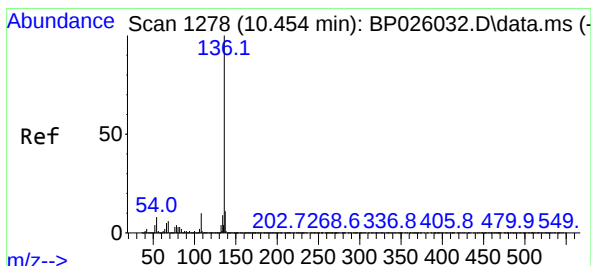
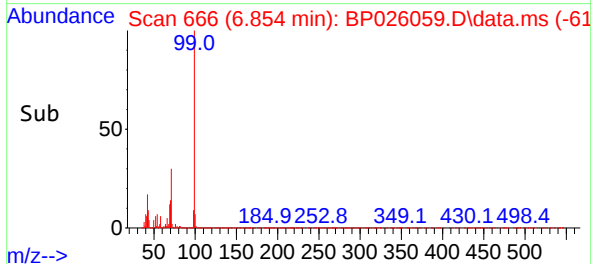
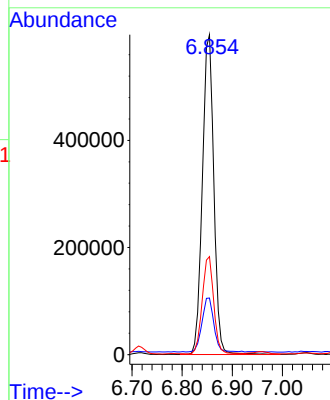
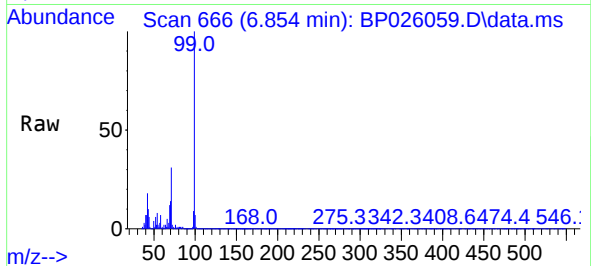




#7
Phenol-d6
Concen: 36.356 ng
RT: 6.854 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

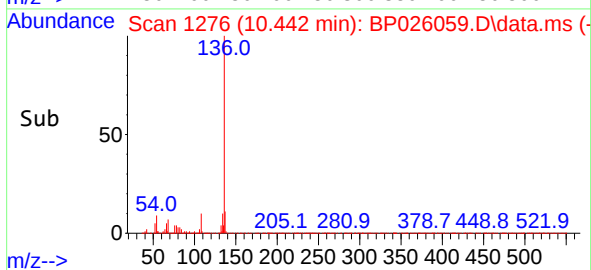
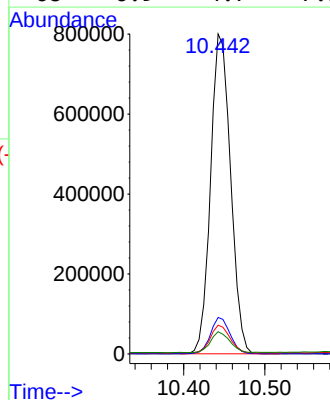
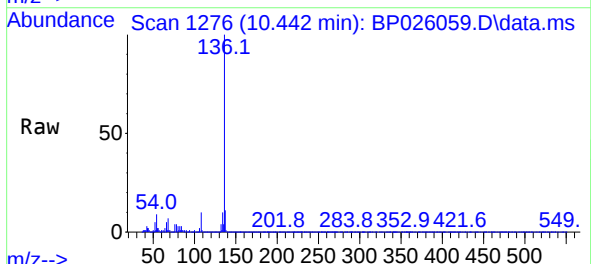
Instrument :
BNA_P
ClientSampleId :
MW3

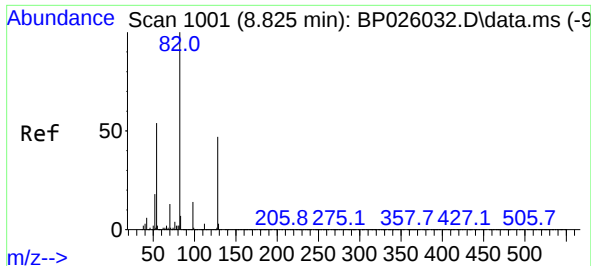
Tgt Ion: 99 Resp: 948116
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 30.7 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.442 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Tgt Ion:136 Resp: 1368250
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.0 6.6 10.0
68 6.9 4.7 7.1

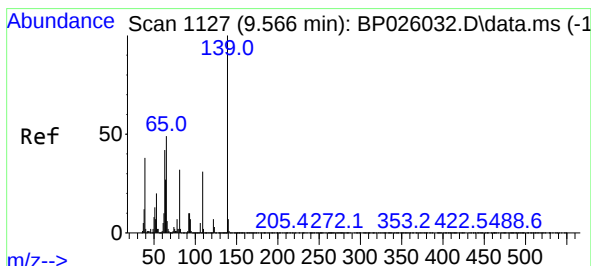
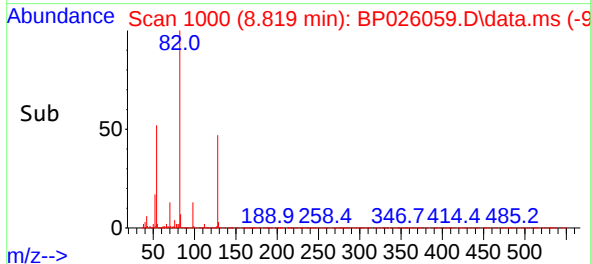
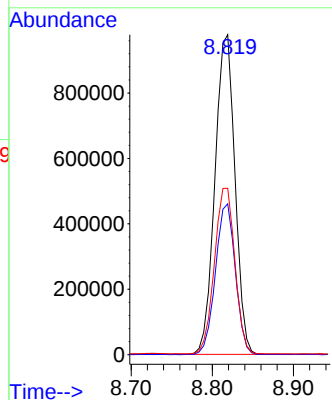
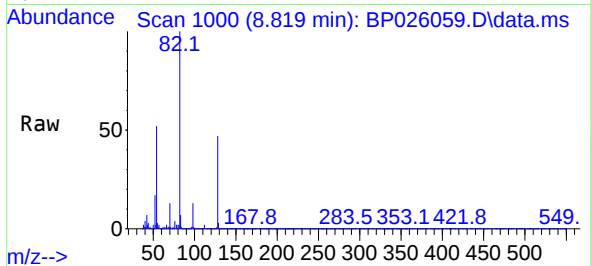




#23
Nitrobenzene-d5
Concen: 76.339 ng
RT: 8.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

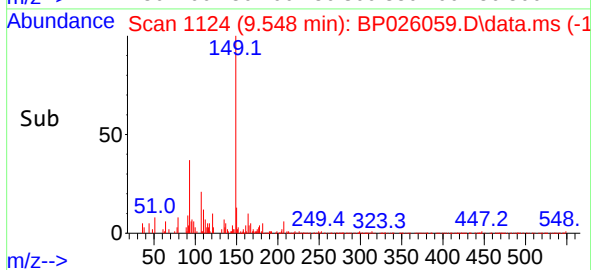
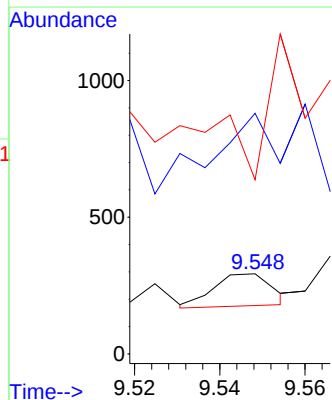
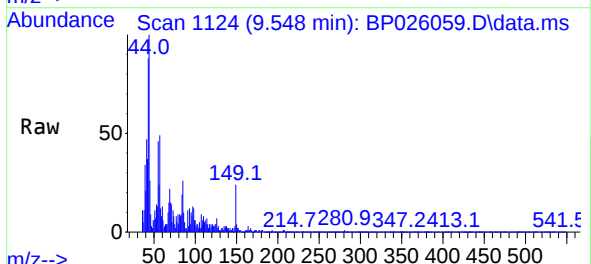
Instrument :
BNA_P
ClientSampleId :
MW3

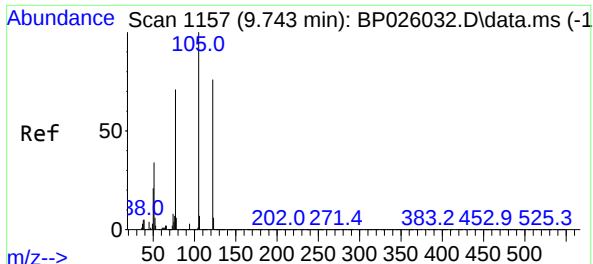
Tgt Ion: 82 Resp: 1675513
Ion Ratio Lower Upper
82 100
128 47.2 37.4 56.0
54 52.0 42.7 64.1



#26
2-Nitrophenol
Concen: 2.690 ng
RT: 9.548 min Scan# 1124
Delta R.T. -0.018 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Tgt Ion: 139 Resp: 114
Ion Ratio Lower Upper
139 100
109 300.3 24.8 37.2#
65 217.4 39.0 58.4#

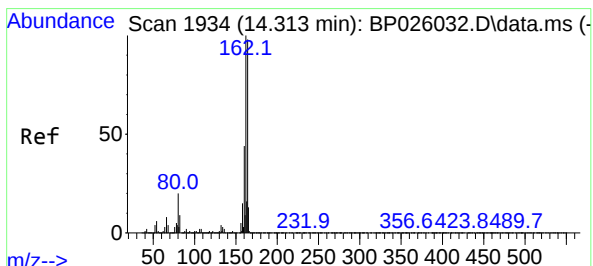
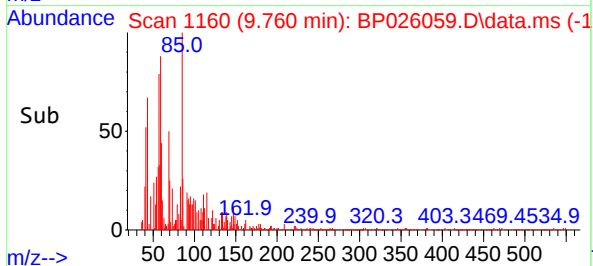
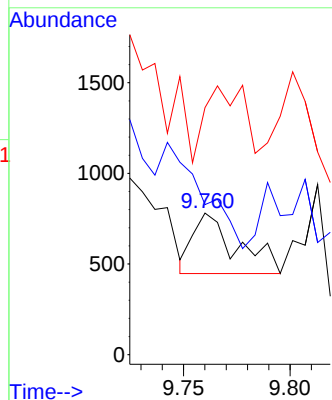
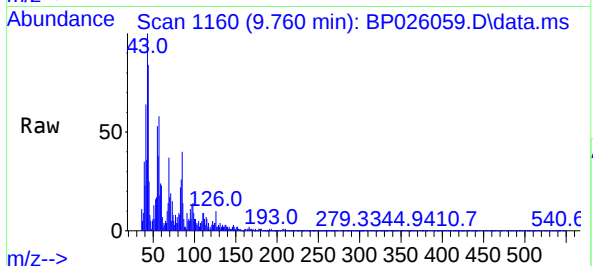




#32
Benzoic acid
Concen: 3.168 ng
RT: 9.760 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

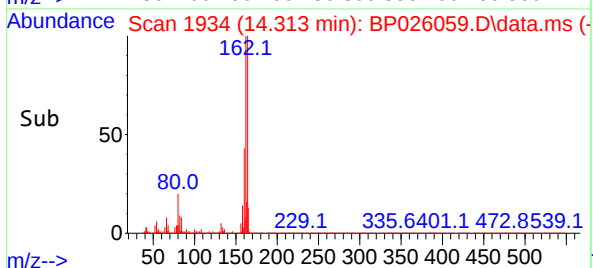
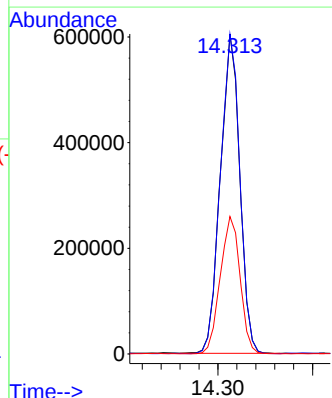
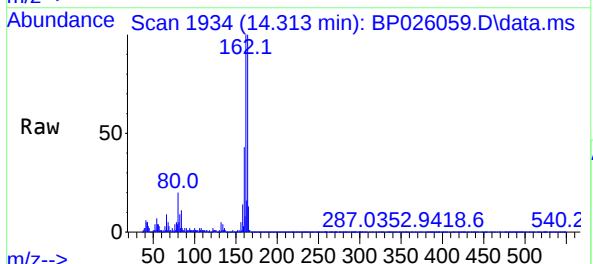
Instrument :
BNA_P
ClientSampleId :
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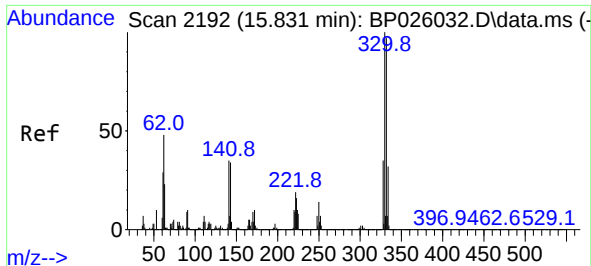
Tgt Ion:122 Resp: 476
Ion Ratio Lower Upper
122 100
105 106.0 104.8 144.8
77 174.5 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Tgt Ion:164 Resp: 860067
Ion Ratio Lower Upper
164 100
162 99.9 81.5 122.3
160 43.0 36.2 54.4

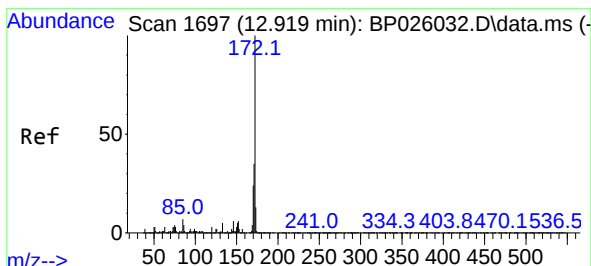
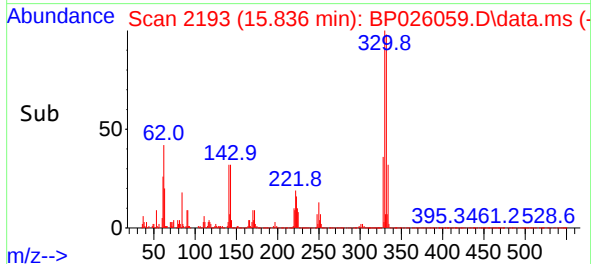
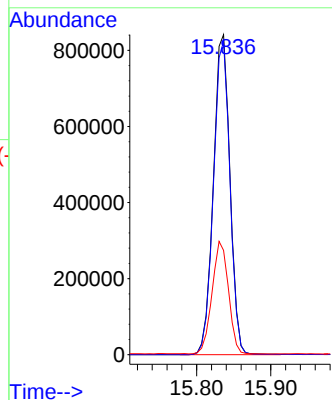
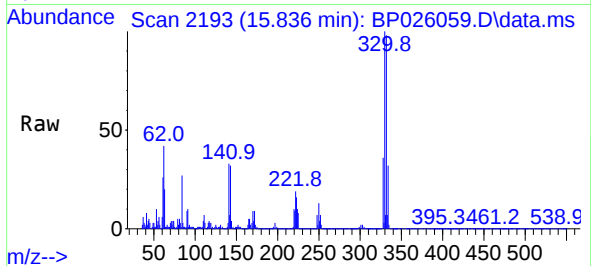




#42
2,4,6-Tribromophenol
Concen: 140.439 ng
RT: 15.836 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

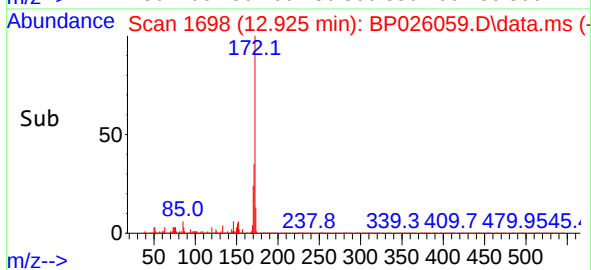
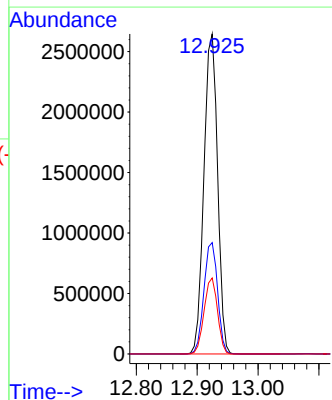
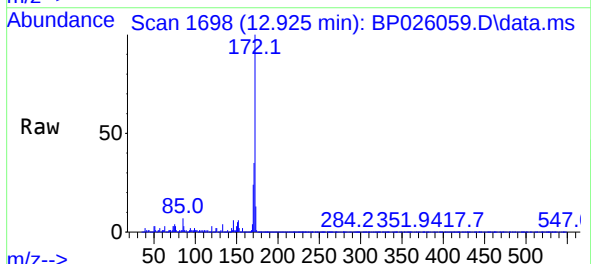
Instrument :
BNA_P
ClientSampleId :
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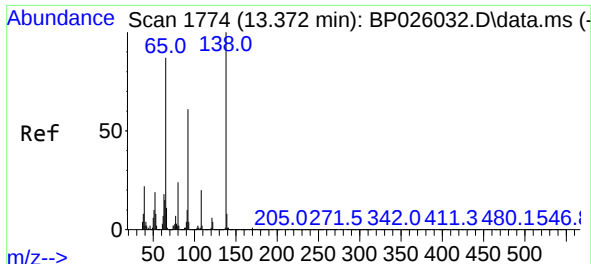
Tgt Ion:330 Resp: 1305825
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 34.7 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 68.767 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Tgt Ion:172 Resp: 4116008
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.7 19.0 28.4

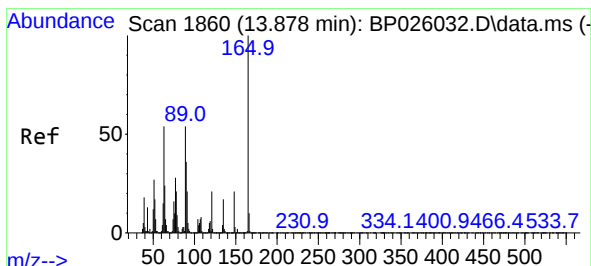
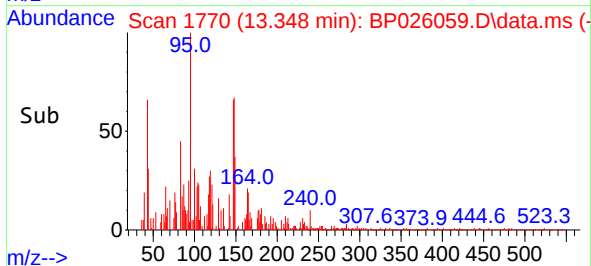
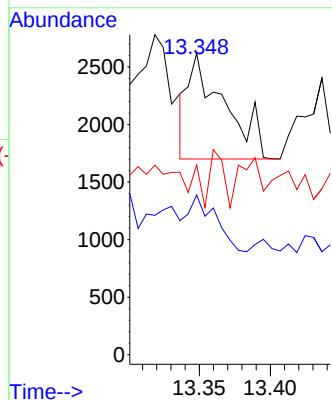
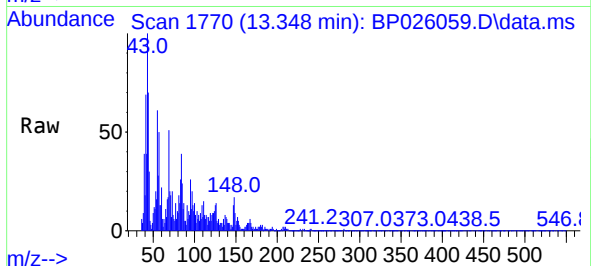




#48
2-Nitroaniline
Concen: 3.024 ng
RT: 13.348 min Scan# 1
Delta R.T. -0.030 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

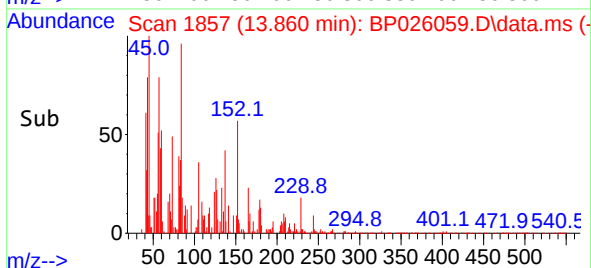
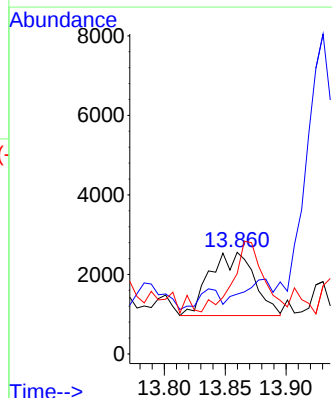
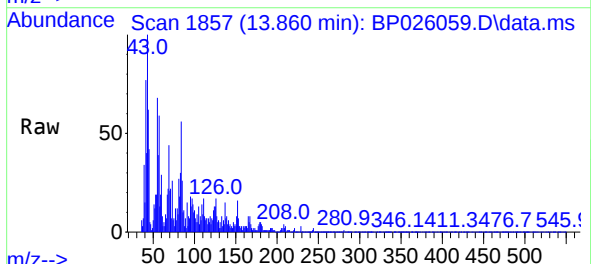
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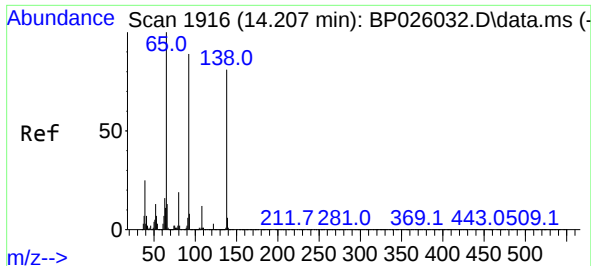
Tgt Ion: 65 Resp: 1624
Ion Ratio Lower Upper
65 100
92 53.0 55.5 83.3#
138 63.0 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.315 ng
RT: 13.860 min Scan# 1857
Delta R.T. -0.018 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Tgt Ion: 165 Resp: 4044
Ion Ratio Lower Upper
165 100
63 58.8 43.0 64.4
89 79.1 43.0 64.4#

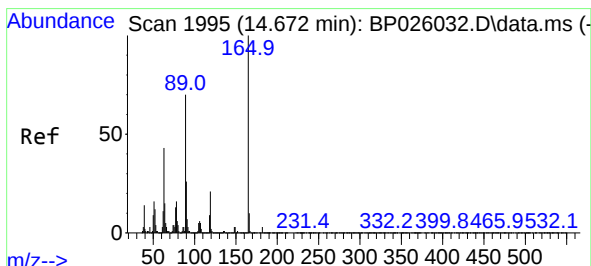
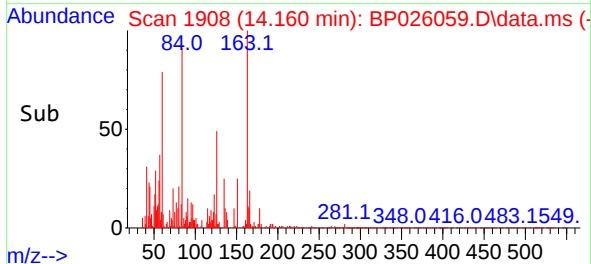
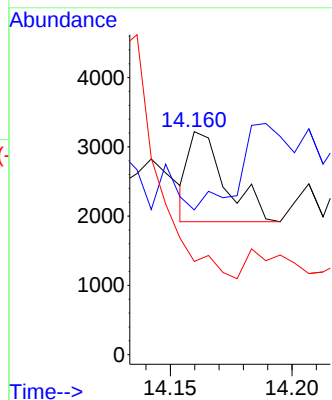
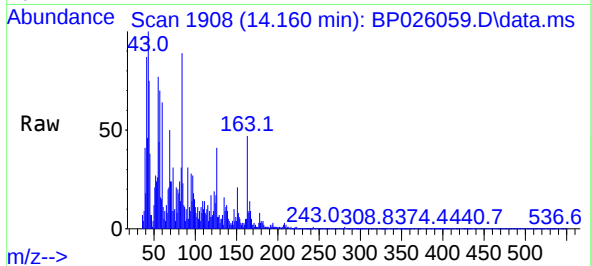




#53
3-Nitroaniline
Concen: 2.729 ng
RT: 14.160 min Scan# 1916
Delta R.T. -0.047 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

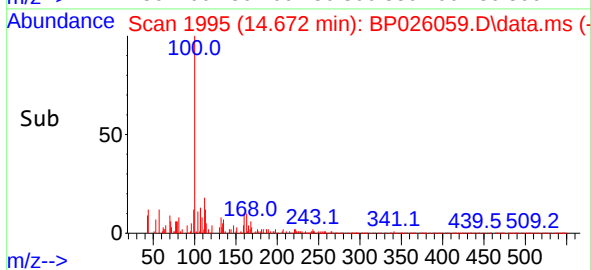
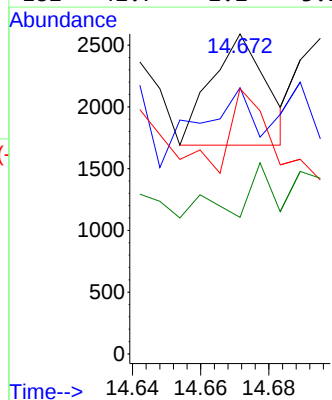
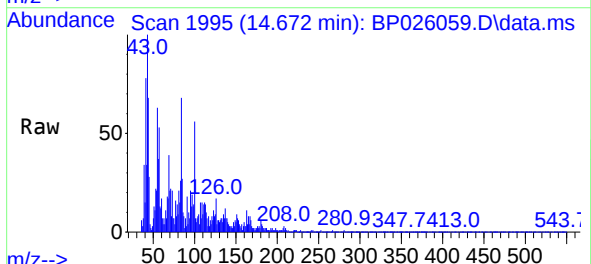
Instrument :
BNA_P
ClientSampleId :
MW3

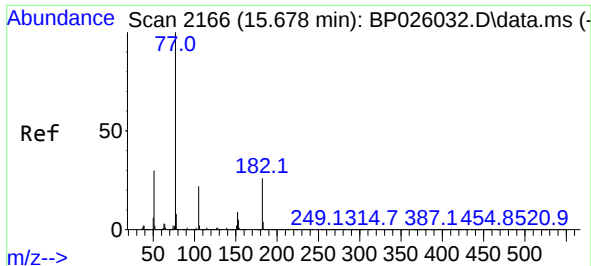
Tgt Ion:138 Resp: 1364
Ion Ratio Lower Upper
138 100
108 64.9 11.4 17.0#
92 41.8 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.141 ng
RT: 14.672 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Tgt Ion:165 Resp: 1003
Ion Ratio Lower Upper
165 100
63 83.2 34.2 51.2#
89 82.9 56.0 84.0
182 42.7 2.2 3.2#



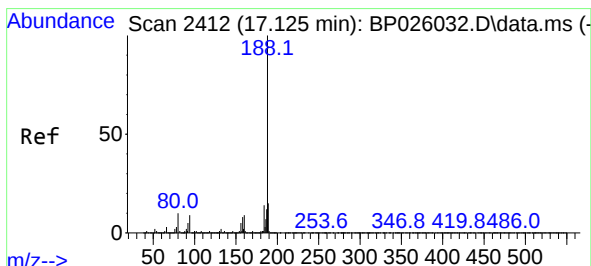
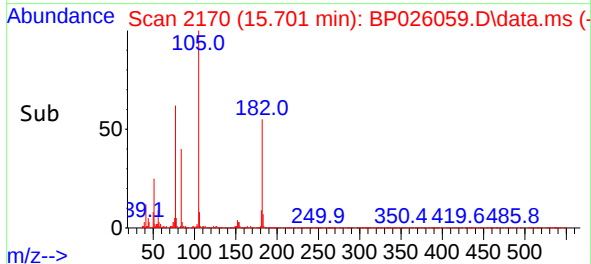
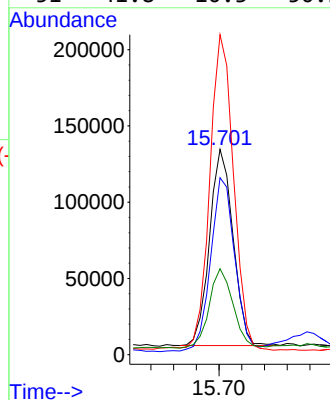
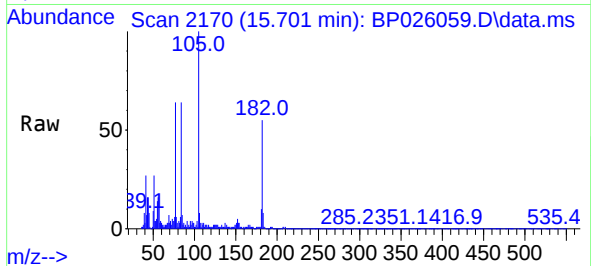


#63
Azobenzene
Concen: 3.251 ng
RT: 15.701 min Scan# 2166
Delta R.T. 0.012 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Instrument :
BNA_P
ClientSampleId :
MW3

Tgt Ion: 77 Resp: 185299

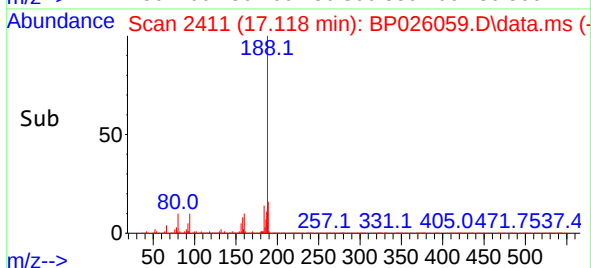
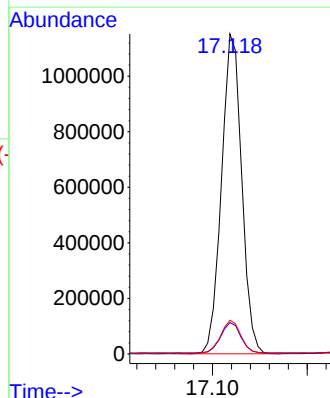
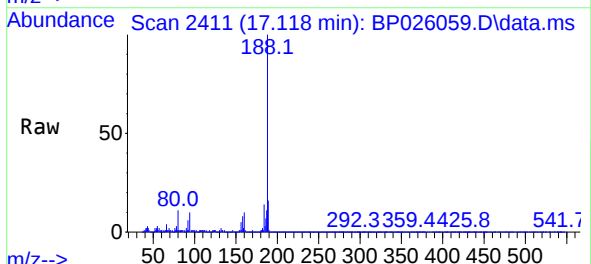
Ion	Ratio	Lower	Upper
77	100		
182	86.2	6.4	46.4#
105	155.9	2.2	42.2#
51	41.8	10.3	50.3

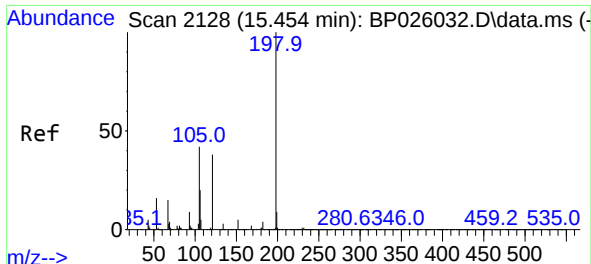


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.118 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Tgt Ion: 188 Resp: 1701642

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.1	10.7
80	10.5	7.9	11.9

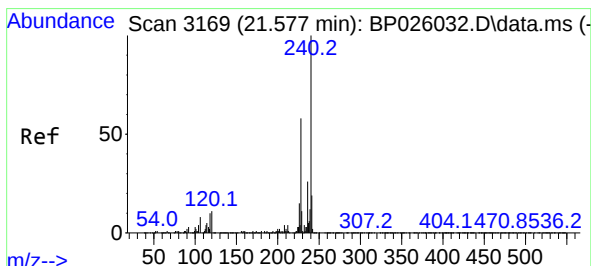
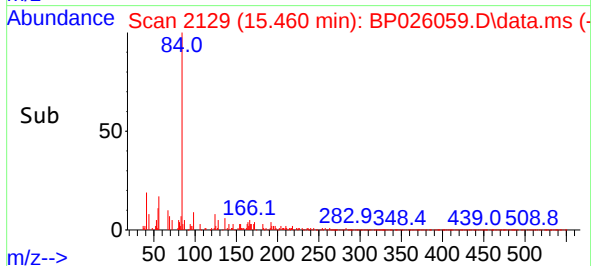
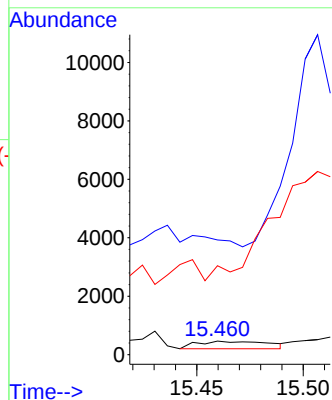
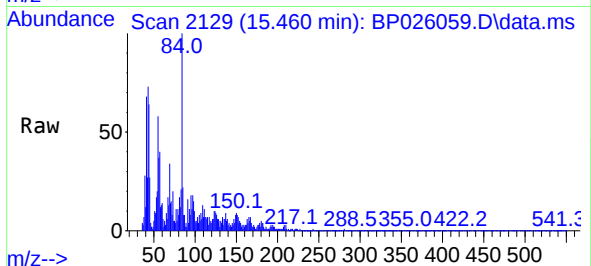




#65
4,6-Dinitro-2-methylphenol
Concen: 2.082 ng
RT: 15.460 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

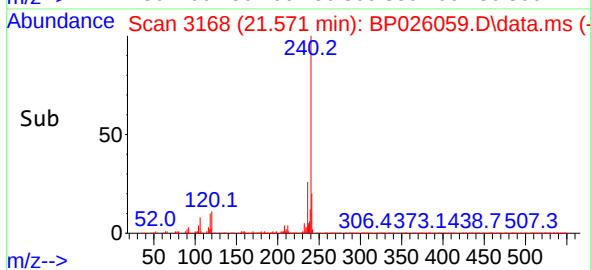
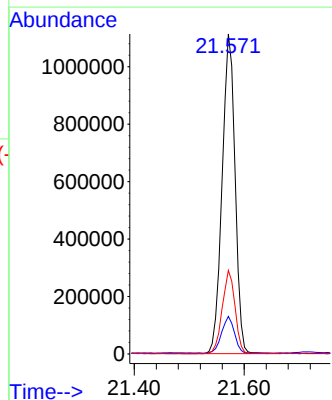
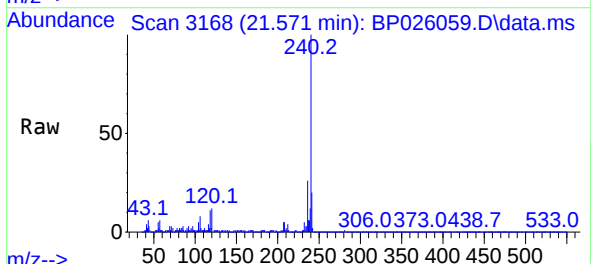
Instrument :
BNA_P
ClientSampleId :
MW3

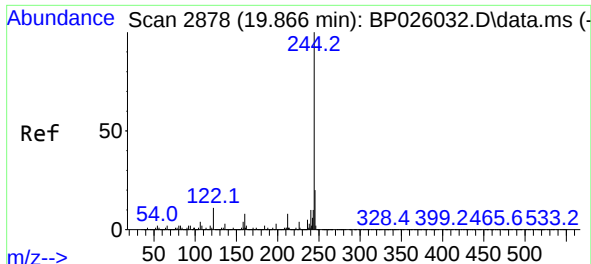
Tgt Ion:198 Resp: 596
Ion Ratio Lower Upper
198 100
51 842.1 25.2 65.2#
105 653.2 23.7 63.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP026059.D
Acq: 03 Nov 2025 15:32

Tgt Ion:240 Resp: 1818937
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.1 20.6 31.0

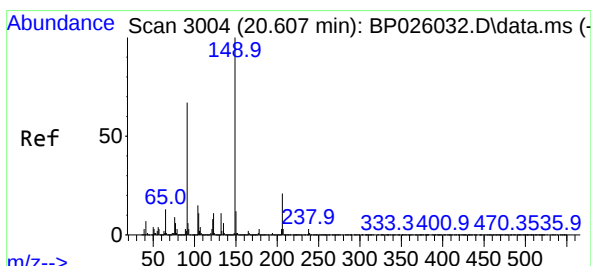
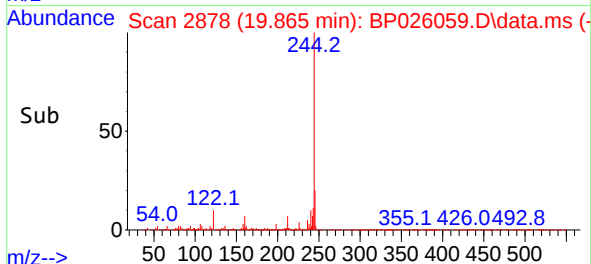
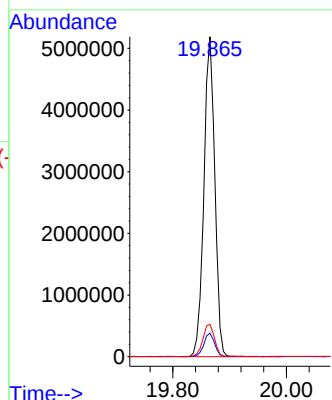
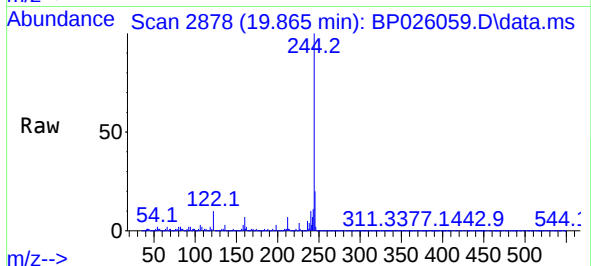




#79
 Terphenyl-d14
 Concen: 76.952 ng
 RT: 19.865 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP026059.D
 Acq: 03 Nov 2025 15:32

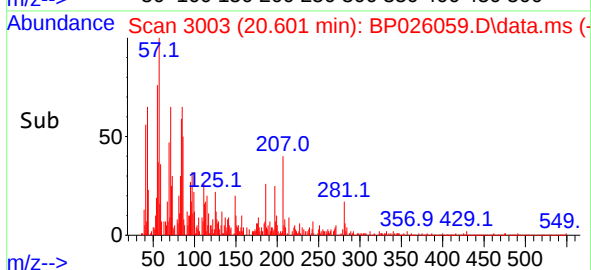
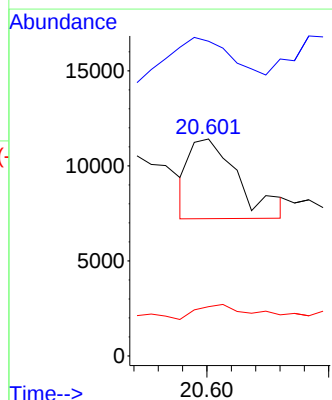
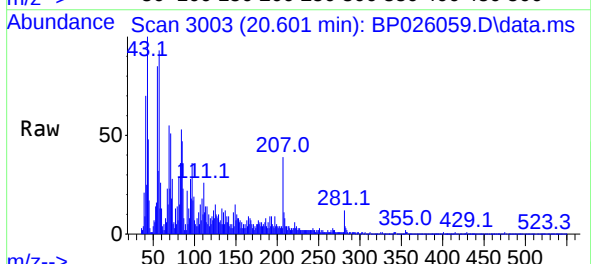
Instrument :
 BNA_P
 ClientSampleId :
 MW3

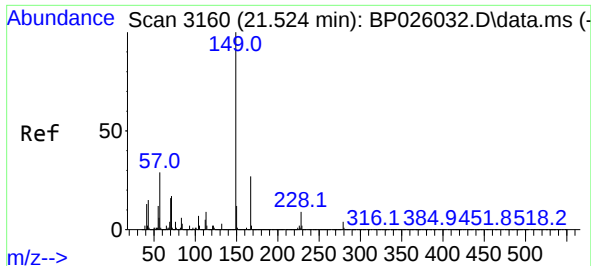
Tgt Ion:244 Resp: 6889410
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.1 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.516 ng
 RT: 20.601 min Scan# 3003
 Delta R.T. -0.006 min
 Lab File: BP026059.D
 Acq: 03 Nov 2025 15:32

Tgt Ion:149 Resp: 5881
 Ion Ratio Lower Upper
 149 100
 91 145.0 53.5 80.3#
 206 22.7 16.6 25.0

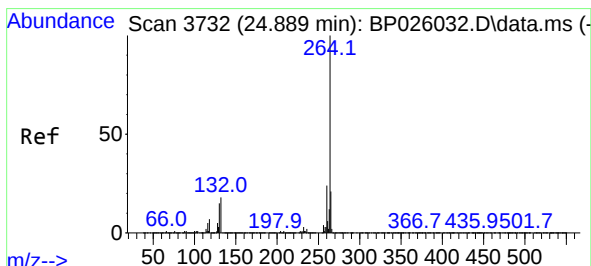
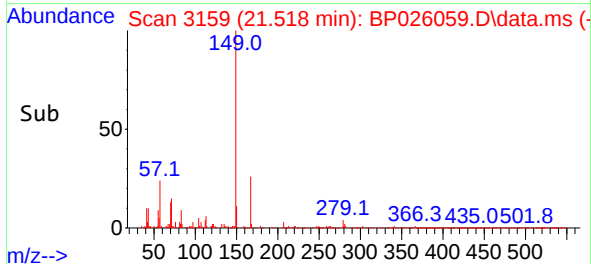
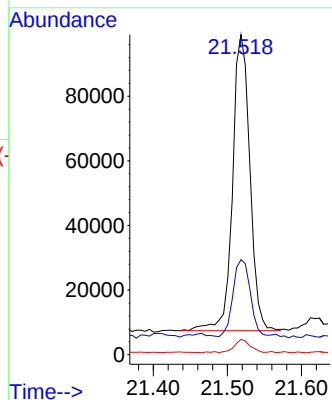
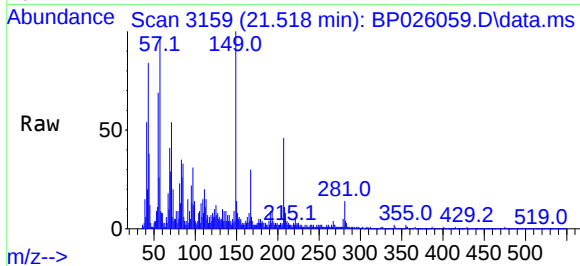




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.516 ng
 RT: 21.518 min Scan# 3159
 Delta R.T. 0.000 min
 Lab File: BP026059.D
 Acq: 03 Nov 2025 15:32

Instrument :
 BNA_P
 ClientSampleId :
 MW3

Tgt Ion:149 Resp: 148716
 Ion Ratio Lower Upper
 149 100
 167 29.7 21.5 32.3
 279 4.8 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: BP026059.D
 Acq: 03 Nov 2025 15:32

Tgt Ion:264 Resp: 2087664
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 22.4 17.2 25.8

