

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026088.D
 Acq On : 06 Nov 2025 22:33
 Operator : RC/JU
 Sample : Q3552-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-10

Quant Time: Nov 07 01:04:19 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)

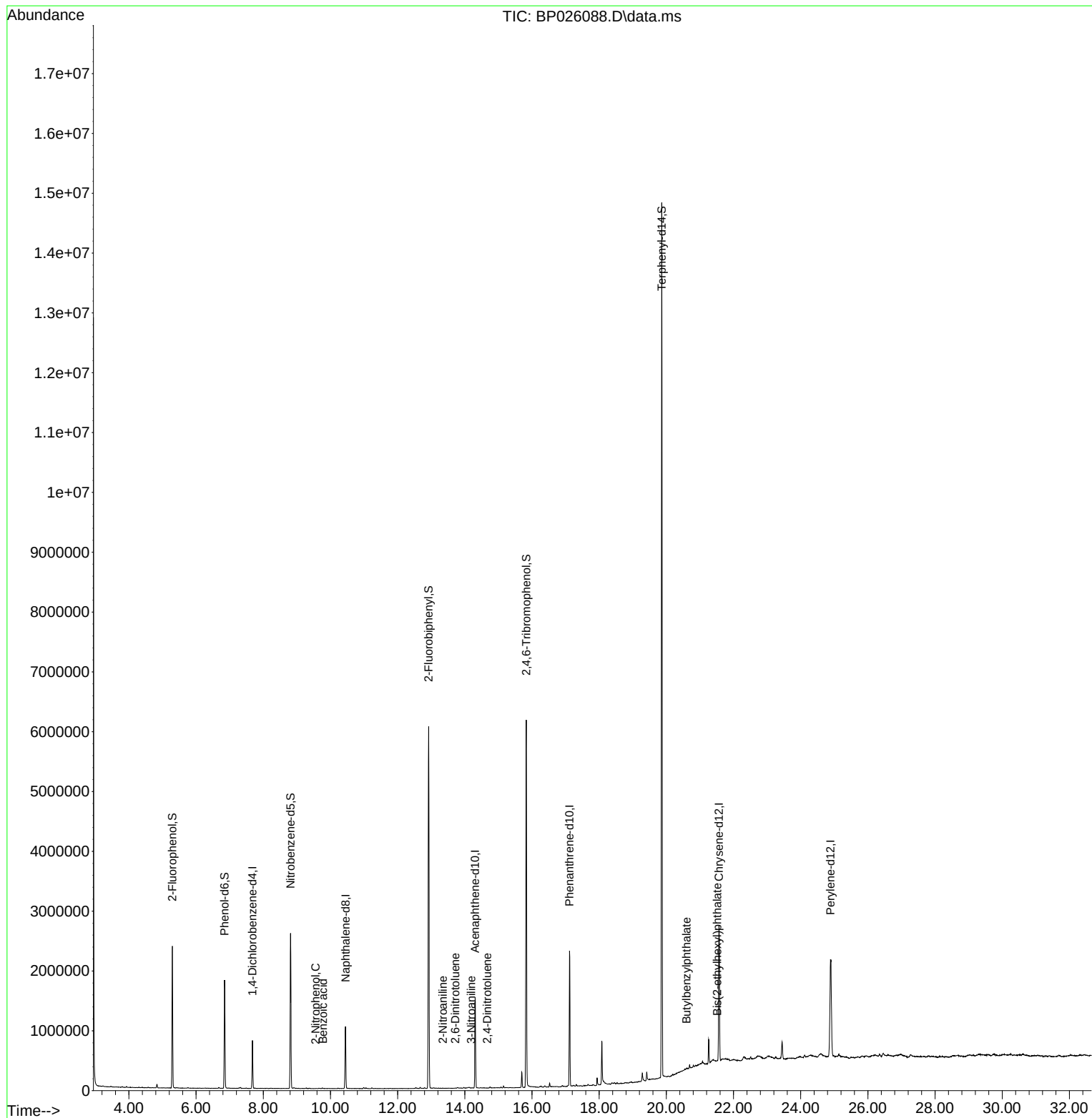
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	220839	20.000	ng	-0.01
21) Naphthalene-d8	10.448	136	864710	20.000	ng	0.00
39) Acenaphthene-d10	14.307	164	581288	20.000	ng	-0.01
64) Phenanthrene-d10	17.119	188	1390893	20.000	ng	0.00
76) Chrysene-d12	21.565	240	1683437	20.000	ng	0.00
86) Perylene-d12	24.889	264	1911691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1046029	78.159	ng	0.00
7) Phenol-d6	6.849	99	1059230	62.182	ng	0.00
23) Nitrobenzene-d5	8.813	82	1430655	103.141	ng	-0.01
42) 2,4,6-Tribromophenol	15.830	330	1270840	202.225	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	3528484	87.223	ng	0.00
79) Terphenyl-d14	19.865	244	7886001	95.174	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.560	139	35	2.683	ng	# 1
32) Benzoic acid	9.778	122	189	3.148	ng	# 48
48) 2-Nitroaniline	13.348	65	126	2.923	ng	# 25
51) 2,6-Dinitrotoluene	13.713	165	102	3.003	ng	# 95
53) 3-Nitroaniline	14.189	138	31	2.641	ng	# 32
57) 2,4-Dinitrotoluene	14.666	165	55	3.091	ng	# 28
80) Butylbenzylphthalate	20.601	149	2434	3.450	ng	# 58
84) Bis(2-ethylhexyl)phtha...	21.518	149	10534	2.744	ng	# 95

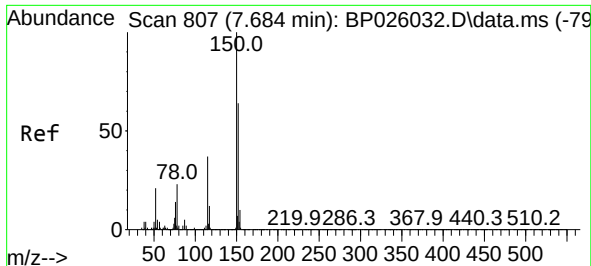
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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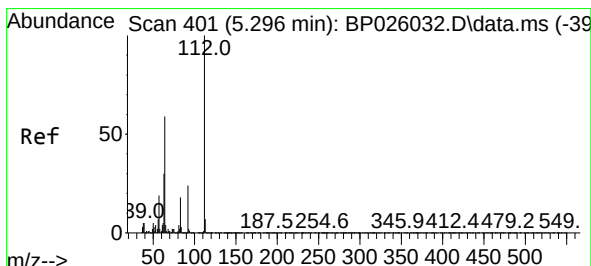
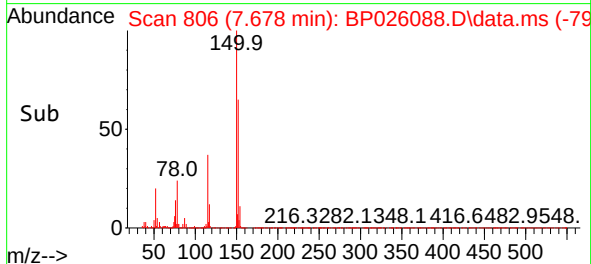
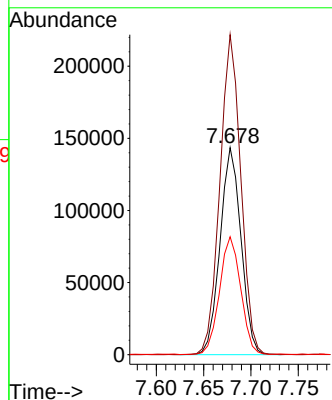
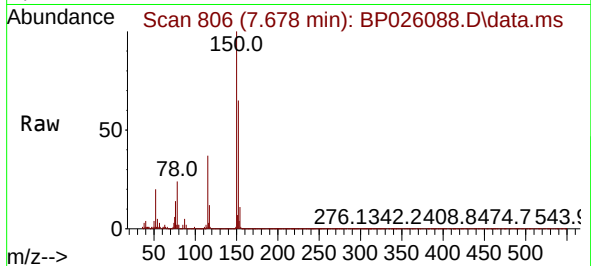




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 807
Delta R.T. -0.012 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

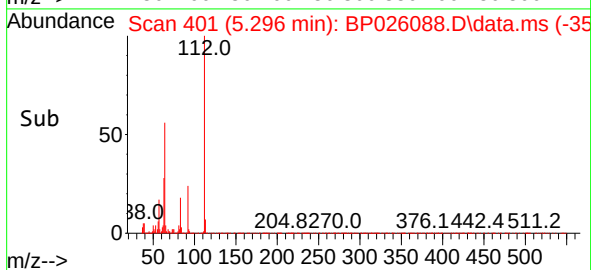
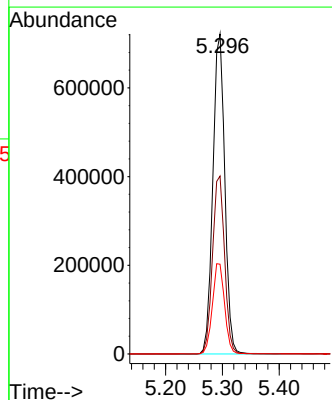
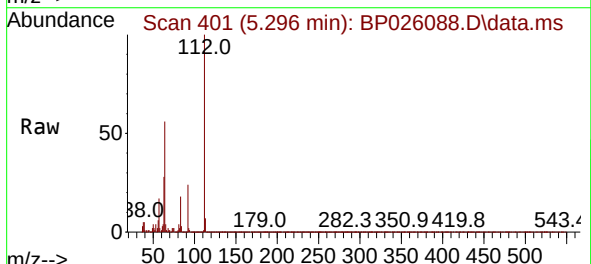
Instrument :
BNA_P
ClientSampleId :
MW-10

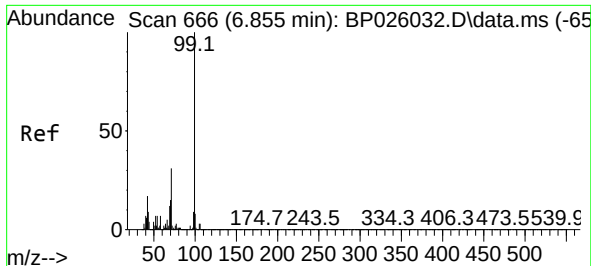
Tgt Ion:152 Resp: 220839
Ion Ratio Lower Upper
152 100
150 154.6 125.7 188.5
115 57.0 46.4 69.6



#5
2-Fluorophenol
Concen: 78.159 ng
RT: 5.296 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Tgt Ion:112 Resp: 1046029
Ion Ratio Lower Upper
112 100
64 55.6 47.4 71.2
63 28.1 24.2 36.4





#7

Phenol-d6

Concen: 62.182 ng

RT: 6.849 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP026088.D

Acq: 06 Nov 2025 22:33

Instrument :

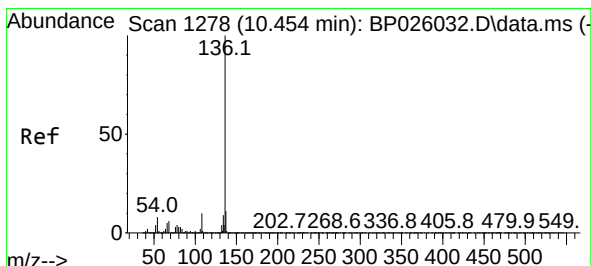
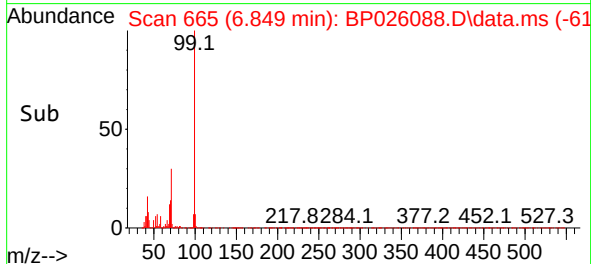
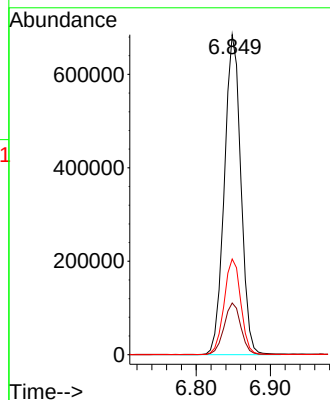
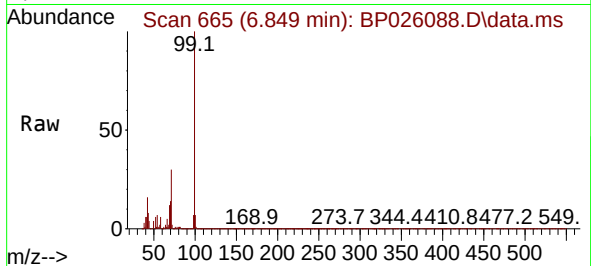
BNA_P

ClientSampleId :

MW-10

Tgt Ion: 99 Resp: 1059230

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.7	20.5
71	29.9	24.4	36.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.448 min Scan# 1277

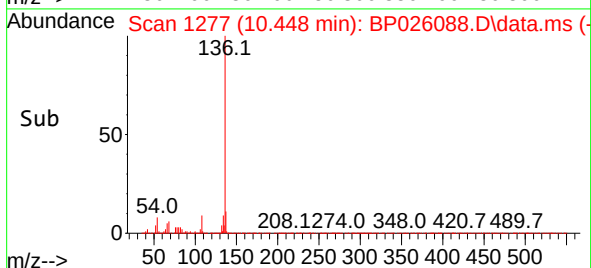
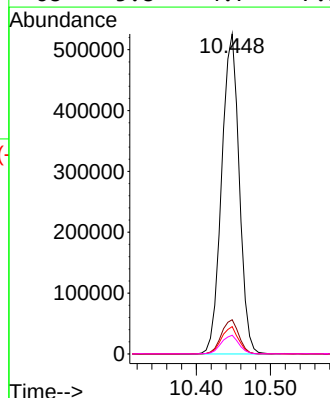
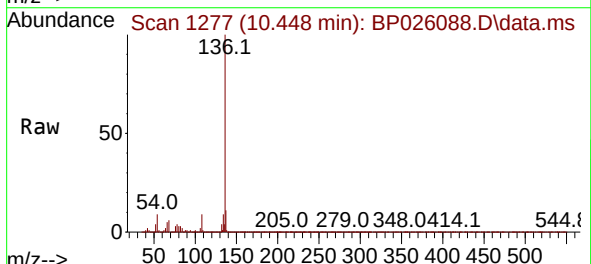
Delta R.T. -0.006 min

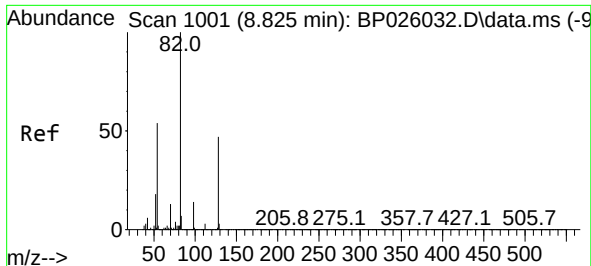
Lab File: BP026088.D

Acq: 06 Nov 2025 22:33

Tgt Ion:136 Resp: 864710

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.5	6.6	10.0
68	5.8	4.7	7.1

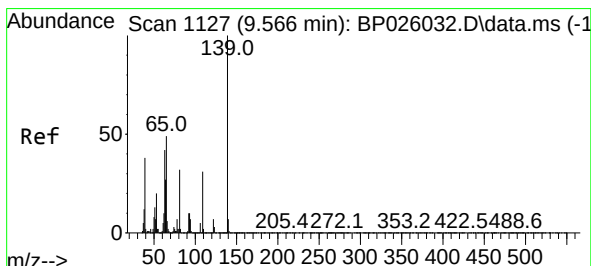
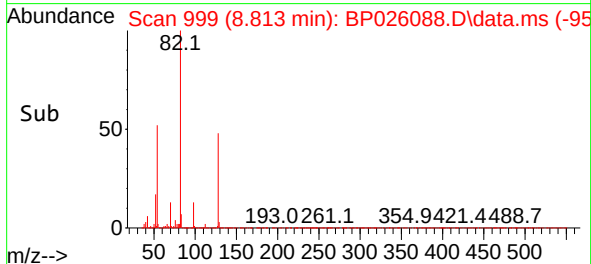
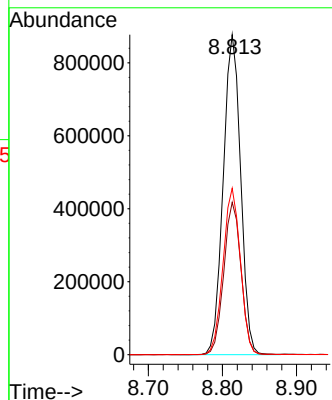
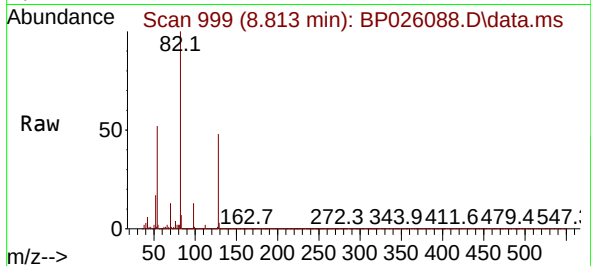




#23
Nitrobenzene-d5
Concen: 103.141 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

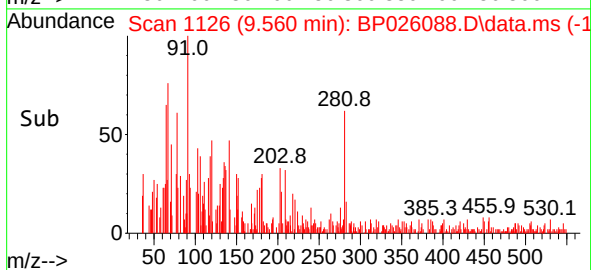
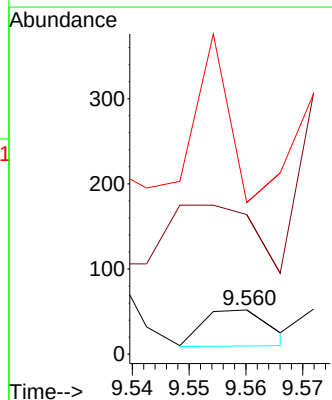
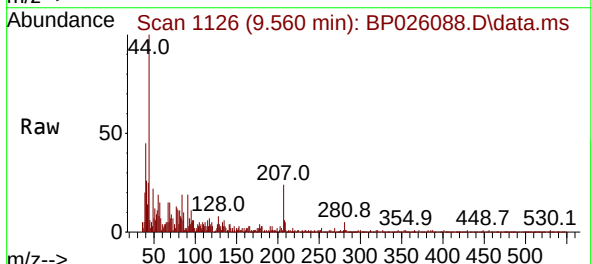
Instrument :
BNA_P
ClientSampleId :
MW-10

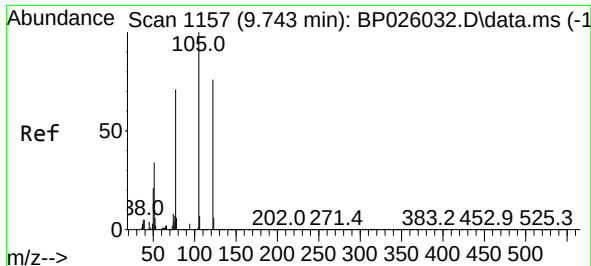
Tgt Ion: 82 Resp: 1430655
Ion Ratio Lower Upper
82 100
128 47.6 37.4 56.0
54 52.0 42.7 64.1



#26
2-Nitrophenol
Concen: 2.683 ng
RT: 9.560 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Tgt Ion:139 Resp: 35
Ion Ratio Lower Upper
139 100
109 315.4 24.8 37.2#
65 342.3 39.0 58.4#

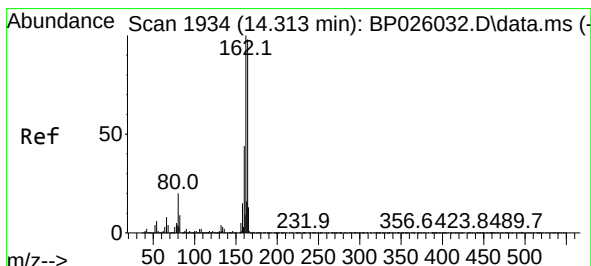
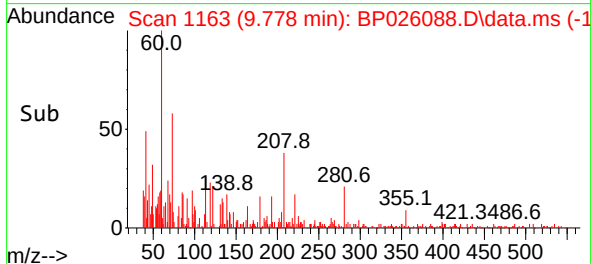
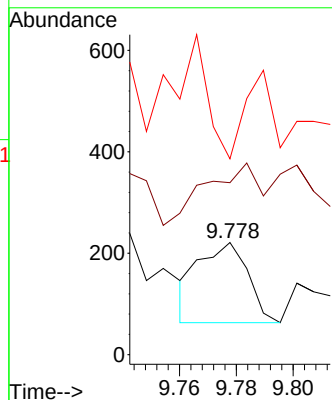
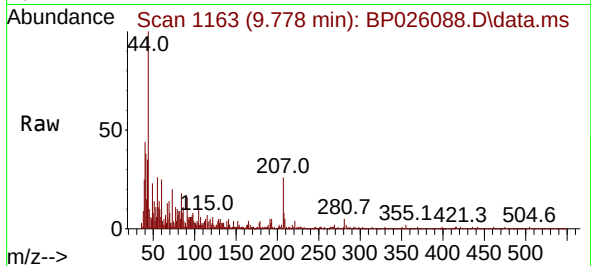




#32
Benzoic acid
Concen: 3.148 ng
RT: 9.778 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

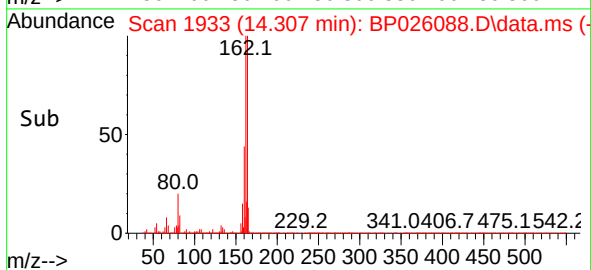
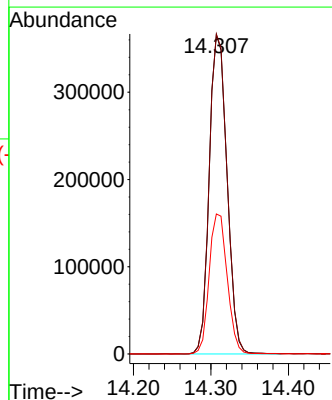
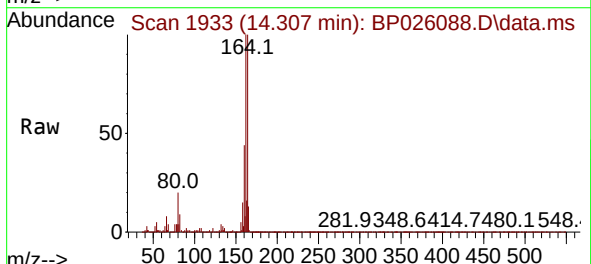
Instrument :
BNA_P
ClientSampleId :
MW-10

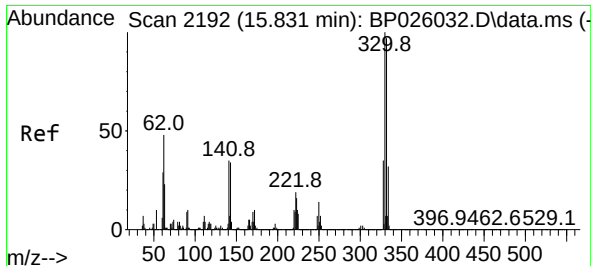
Tgt Ion:122 Resp: 189
Ion Ratio Lower Upper
122 100
105 153.4 104.8 144.8#
77 174.7 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Tgt Ion:164 Resp: 581288
Ion Ratio Lower Upper
164 100
162 100.2 81.5 122.3
160 43.9 36.2 54.4

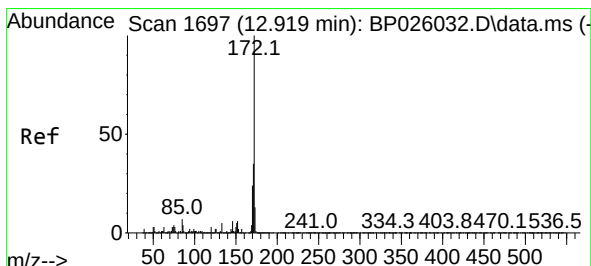
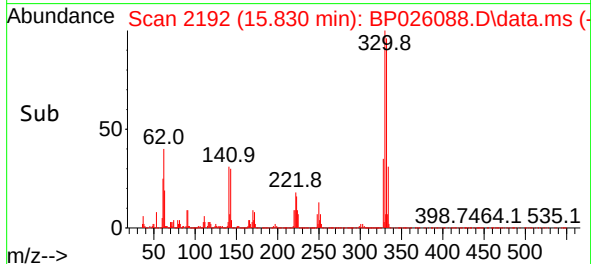
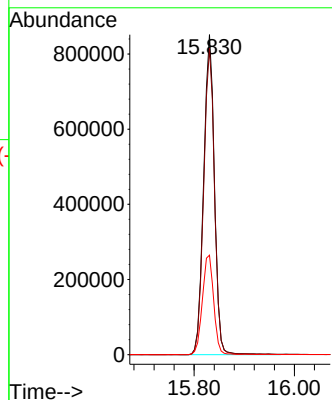
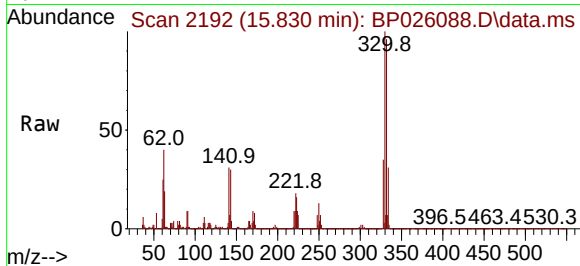




#42
2,4,6-Tribromophenol
Concen: 202.225 ng
RT: 15.830 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

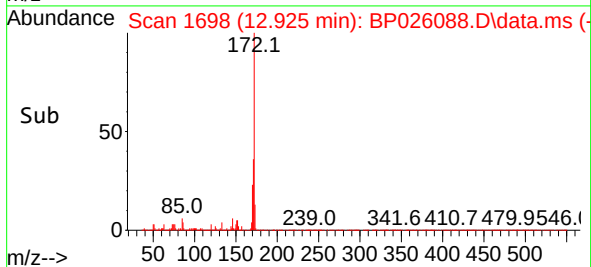
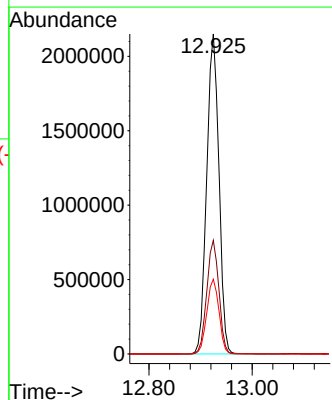
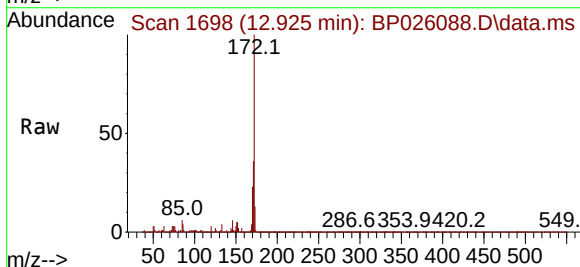
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ClientSampleId :
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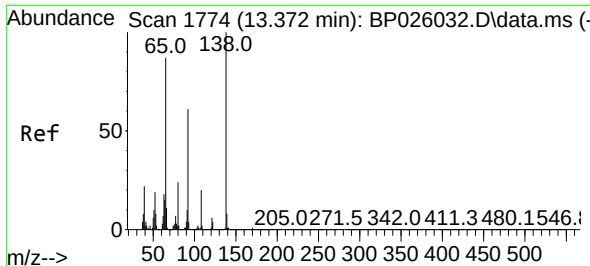
Tgt Ion:330 Resp: 1270840
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 32.5 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 87.223 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Tgt Ion:172 Resp: 3528484
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.4 19.0 28.4

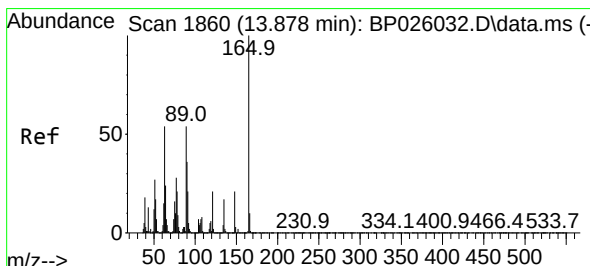
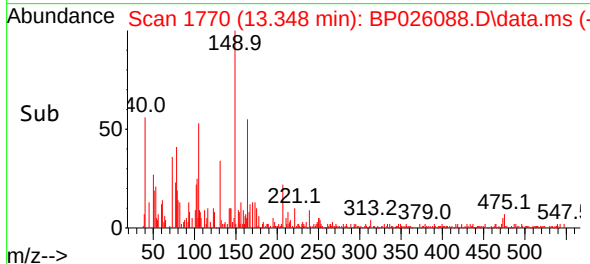
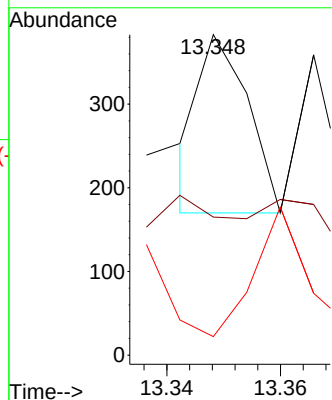
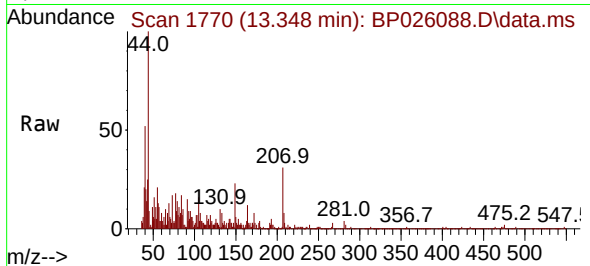




#48
2-Nitroaniline
Concen: 2.923 ng
RT: 13.348 min Scan# 11
Delta R.T. -0.030 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

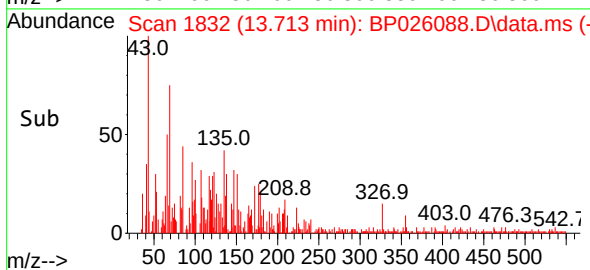
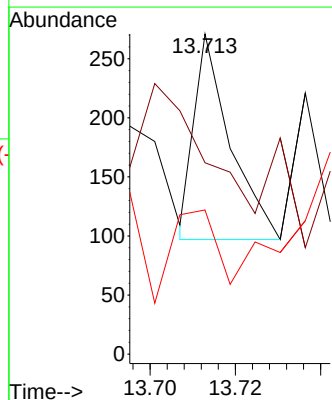
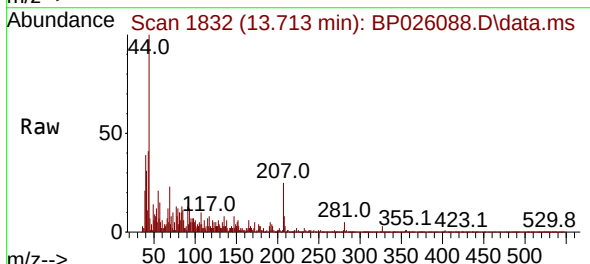
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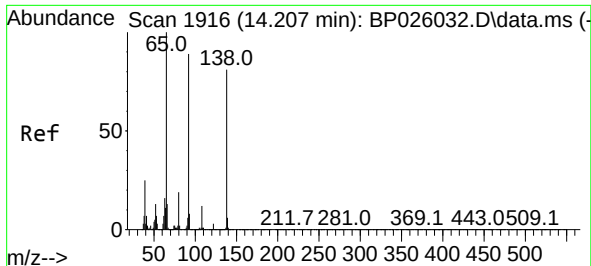
Tgt Ion: 65 Resp: 126
Ion Ratio Lower Upper
65 100
92 43.1 55.5 83.3#
138 5.7 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.003 ng
RT: 13.713 min Scan# 1832
Delta R.T. -0.165 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Tgt Ion: 165 Resp: 102
Ion Ratio Lower Upper
165 100
63 59.8 43.0 64.4
89 54.2 43.0 64.4

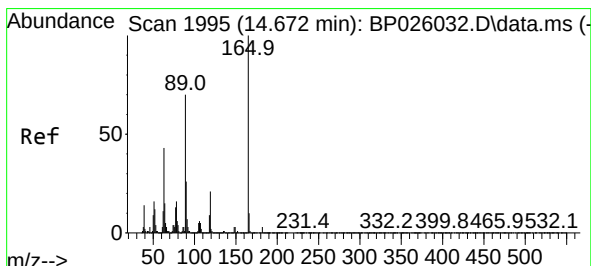
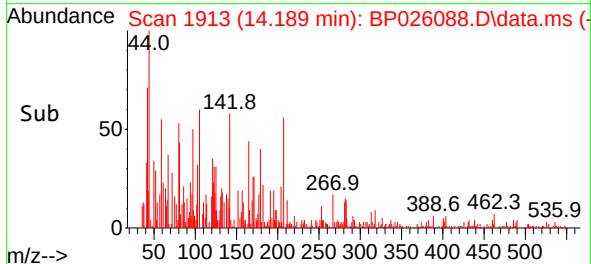
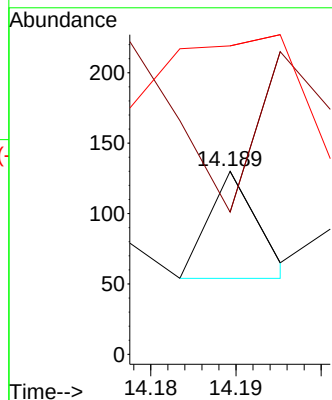
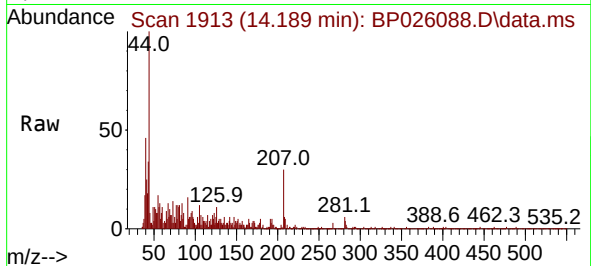




#53
3-Nitroaniline
Concen: 2.641 ng
RT: 14.189 min Scan# 1916
Delta R.T. -0.018 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

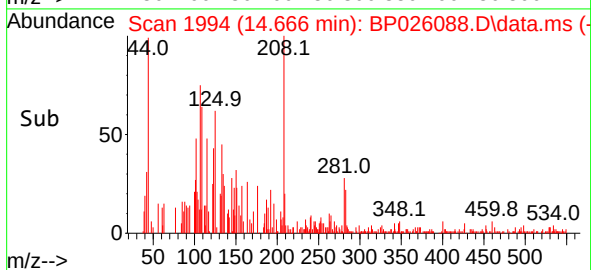
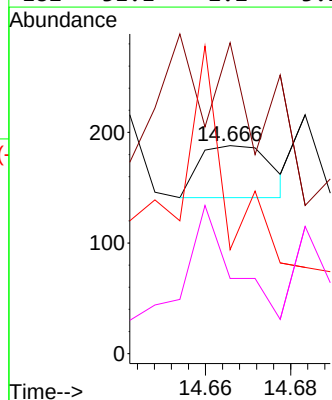
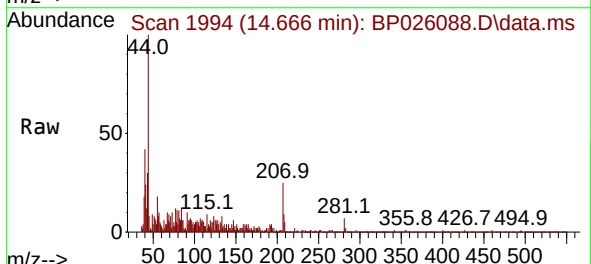
Instrument :
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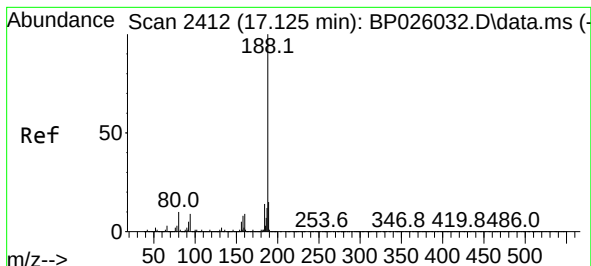
Tgt Ion:138 Resp: 31
Ion Ratio Lower Upper
138 100
108 77.7 11.4 17.0#
92 168.5 87.1 130.7#



#57
2,4-Dinitrotoluene
Concen: 3.091 ng
RT: 14.666 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BP026088.D
Acq: 06 Nov 2025 22:33

Tgt Ion:165 Resp: 55
Ion Ratio Lower Upper
165 100
63 128.3 34.2 51.2#
89 42.9 56.0 84.0#
182 31.1 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.119 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BP026088.D

Acq: 06 Nov 2025 22:33

Instrument :

BNA_P

ClientSampleId :

MW-10

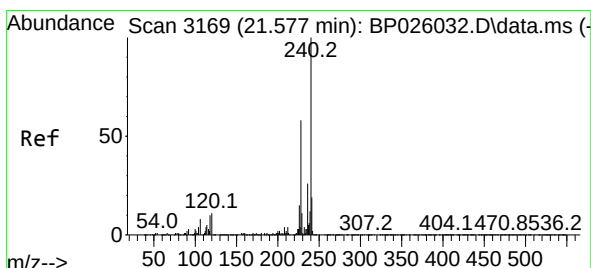
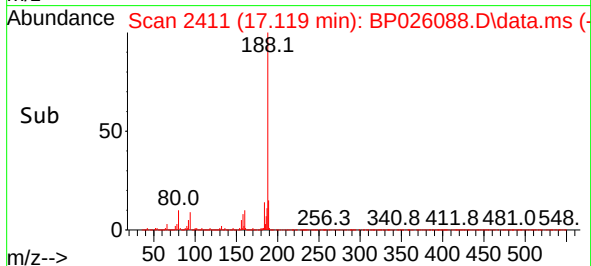
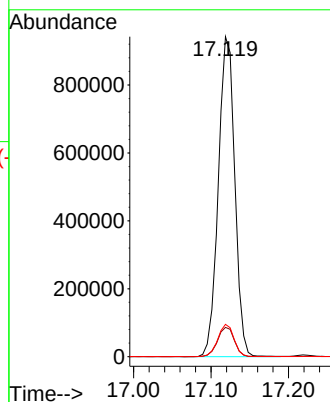
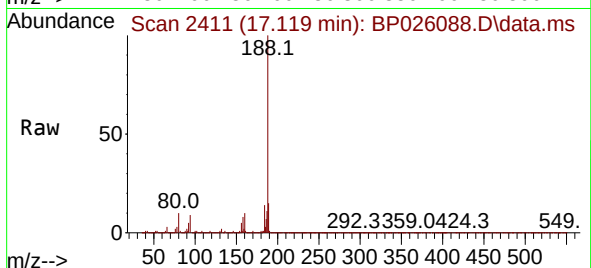
Tgt Ion:188 Resp: 1390893

Ion Ratio Lower Upper

188 100

94 9.2 7.1 10.7

80 10.1 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.565 min Scan# 3167

Delta R.T. -0.000 min

Lab File: BP026088.D

Acq: 06 Nov 2025 22:33

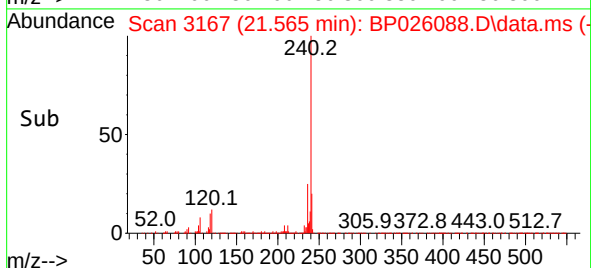
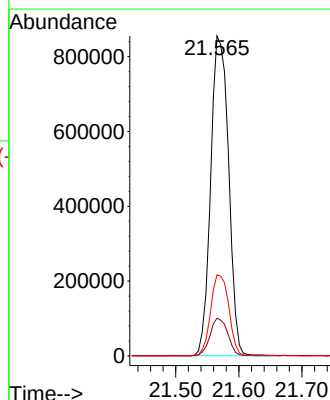
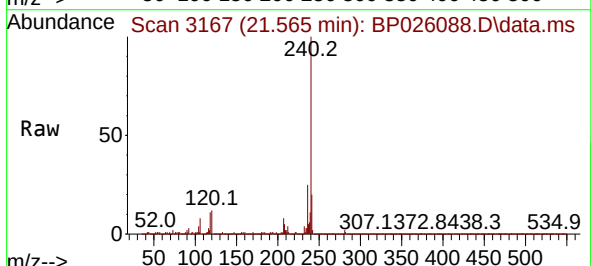
Tgt Ion:240 Resp: 1683437

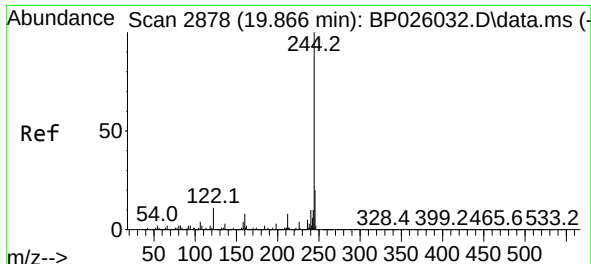
Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

236 25.4 20.6 31.0

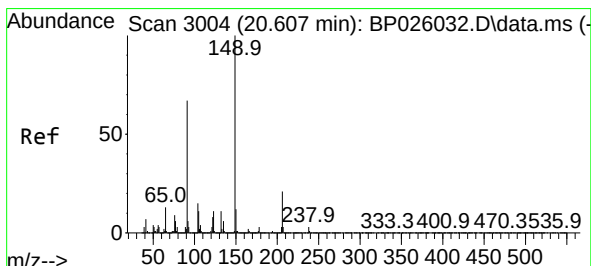
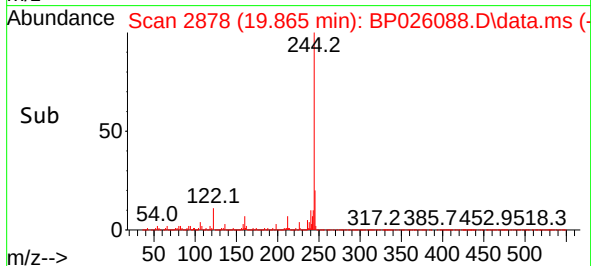
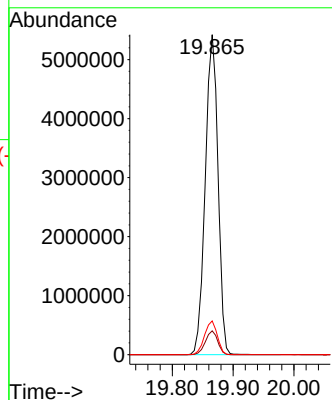
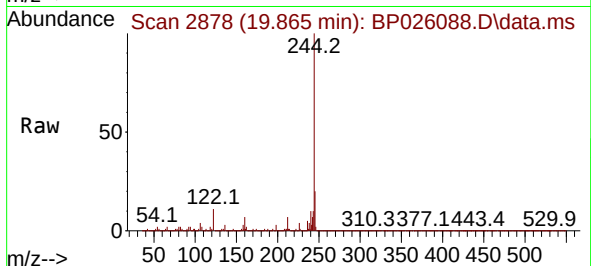




#79
 Terphenyl-d14
 Concen: 95.174 ng
 RT: 19.865 min Scan# 2878
 Delta R.T. 0.000 min
 Lab File: BP026088.D
 Acq: 06 Nov 2025 22:33

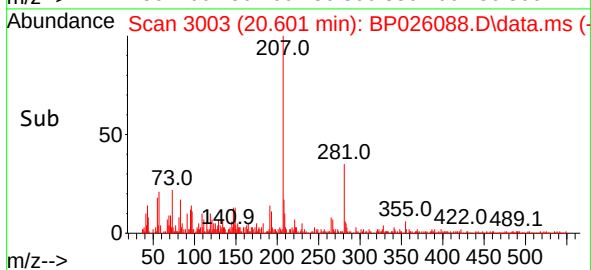
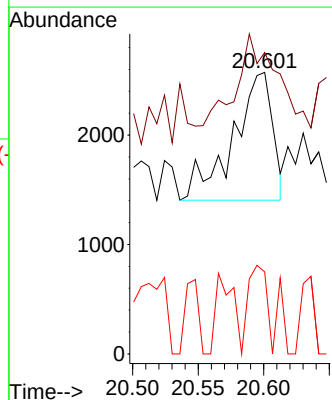
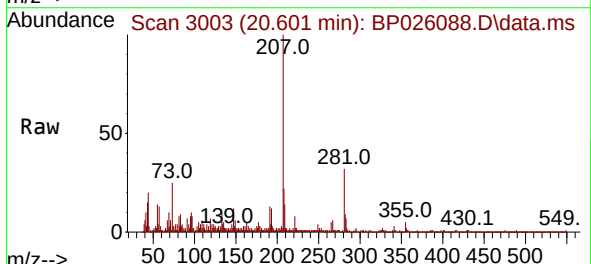
Instrument :
 BNA_P
 ClientSampleId :
 MW-10

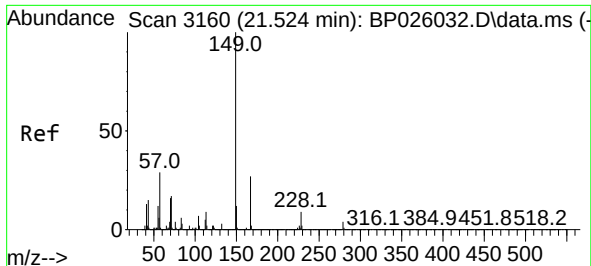
Tgt Ion:244 Resp: 7886001
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.6 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 3.450 ng
 RT: 20.601 min Scan# 3003
 Delta R.T. -0.006 min
 Lab File: BP026088.D
 Acq: 06 Nov 2025 22:33

Tgt Ion:149 Resp: 2434
 Ion Ratio Lower Upper
 149 100
 91 107.0 53.5 80.3#
 206 29.1 16.6 25.0#

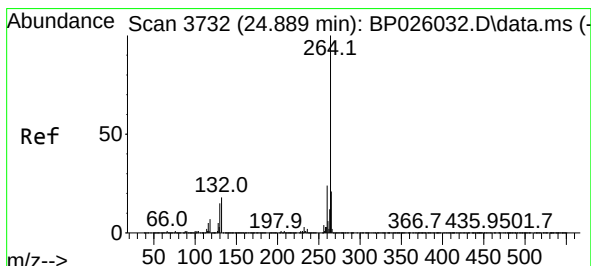
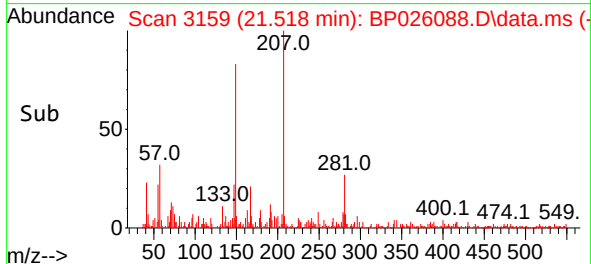
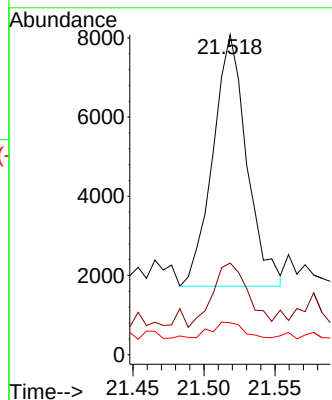
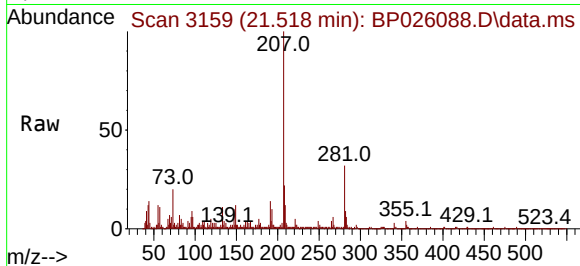




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.744 ng
 RT: 21.518 min Scan# 3160
 Delta R.T. 0.000 min
 Lab File: BP026088.D
 Acq: 06 Nov 2025 22:33

Instrument :
 BNA_P
 ClientSampleId :
 MW-10

Tgt Ion:149 Resp: 10534
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.5 32.3
 279 10.0 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: BP026088.D
 Acq: 06 Nov 2025 22:33

Tgt Ion:264 Resp: 1911691
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.1 17.2 25.8

