

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026116.D
 Acq On : 12 Nov 2025 17:17
 Operator : RC/JU
 Sample : Q3569-02DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-12DL

Quant Time: Nov 12 17:45:07 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)

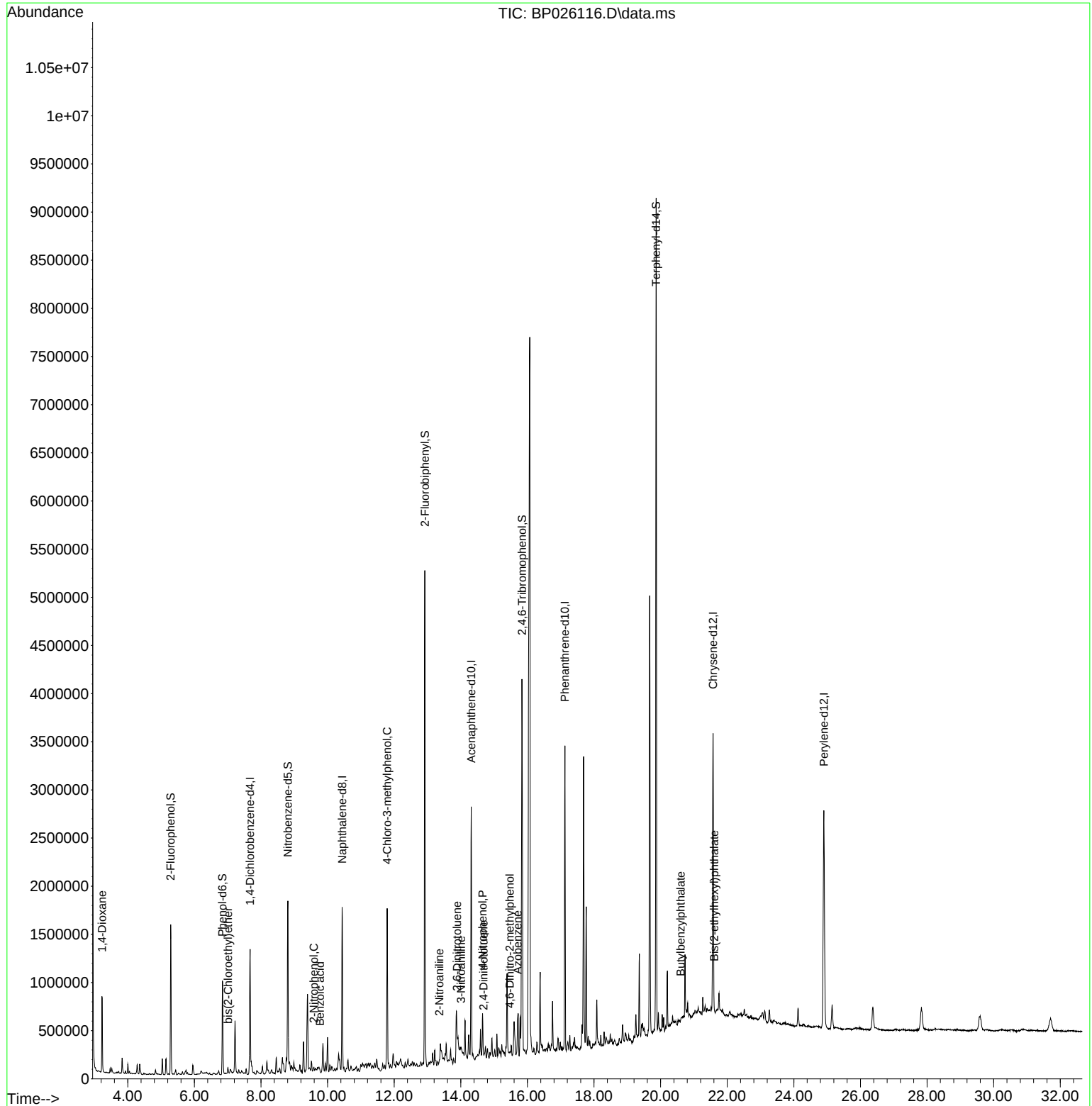
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	345995	20.000	ng	-0.02
21) Naphthalene-d8	10.437	136	1363084	20.000	ng	-0.02
39) Acenaphthene-d10	14.313	164	867470	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1776019	20.000	ng	0.00
76) Chrysene-d12	21.577	240	2024264	20.000	ng	0.01
86) Perylene-d12	24.901	264	2316393	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	694133	33.104	ng	0.00
7) Phenol-d6	6.843	99	589370	22.083	ng	-0.01
23) Nitrobenzene-d5	8.807	82	1015470	46.442	ng	-0.02
42) 2,4,6-Tribromophenol	15.836	330	767097	81.796	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2533981	41.974	ng	-0.01
79) Terphenyl-d14	19.866	244	4202650	42.181	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	379701	42.955	ng	97
11) bis(2-Chloroethyl)ether	7.007	93	57439	2.456	ng	# 24
26) 2-Nitrophenol	9.584	139	968	2.785	ng	# 1
32) Benzoic acid	9.772	122	342	3.153	ng	# 25
36) 4-Chloro-3-methylphenol	11.790	107	361057	16.575	ng	# 19
48) 2-Nitroaniline	13.354	65	1529	3.017	ng	# 32
51) 2,6-Dinitrotoluene	13.889	165	1667	3.124	ng	# 1
53) 3-Nitroaniline	14.007	138	126287	11.033	ng	# 8
56) 4-Nitrophenol	14.654	139	69041	5.487	ng	# 21
57) 2,4-Dinitrotoluene	14.684	165	80	3.091	ng	# 1
63) Azobenzene	15.707	77	119486	2.078	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.472	198	279	2.020	ng	# 1
80) Butylbenzylphthalate	20.601	149	2218	3.437	ng	# 25
84) Bis(2-ethylhexyl)phtha...	21.607	149	16432	2.788	ng	92

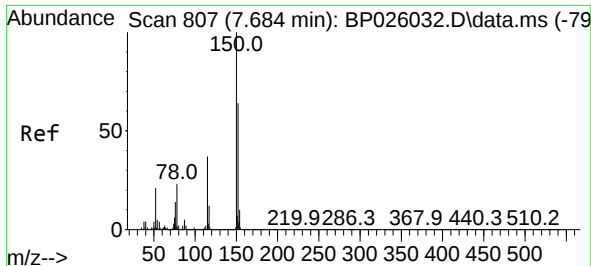
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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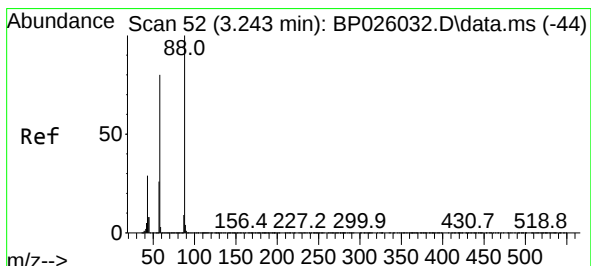
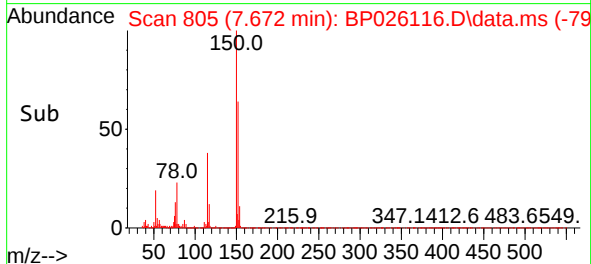
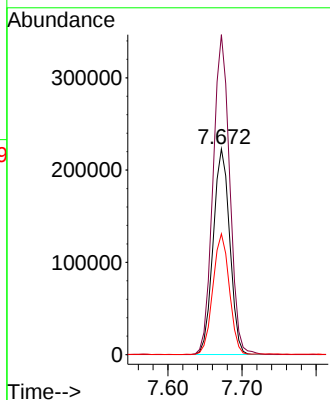
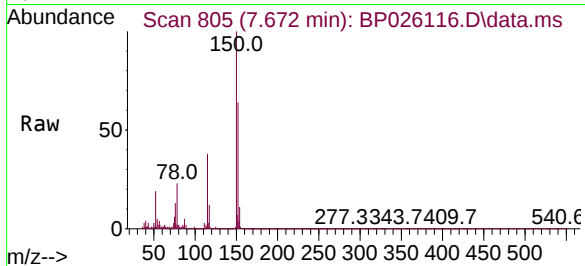




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.672 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BP026116.D
 Acq: 12 Nov 2025 17:17

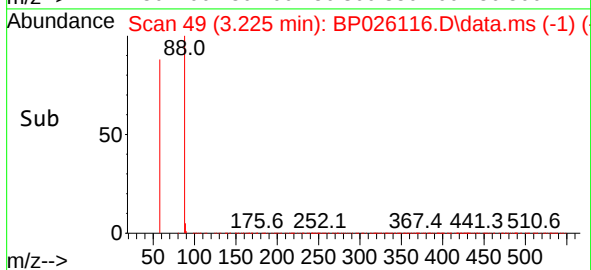
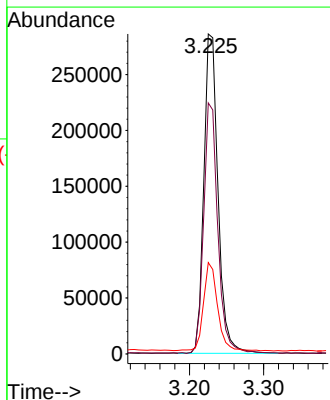
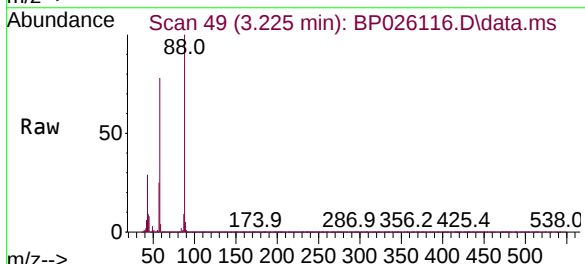
Instrument :
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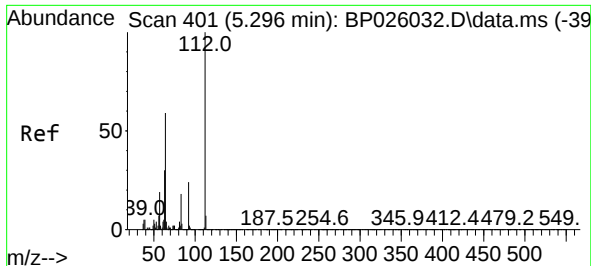
Tgt Ion:152 Resp: 345995
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.7 188.5
 115 58.7 46.4 69.6



#2
 1,4-Dioxane
 Concen: 42.955 ng
 RT: 3.225 min Scan# 49
 Delta R.T. -0.012 min
 Lab File: BP026116.D
 Acq: 12 Nov 2025 17:17

Tgt Ion: 88 Resp: 379701
 Ion Ratio Lower Upper
 88 100
 58 78.4 65.4 98.0
 43 27.6 23.1 34.7

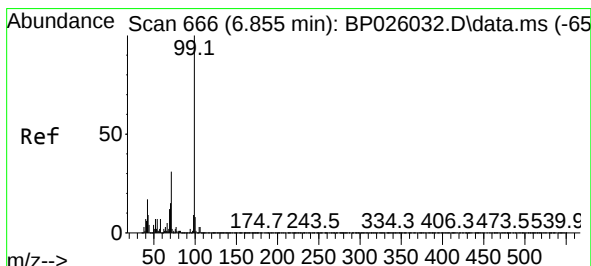
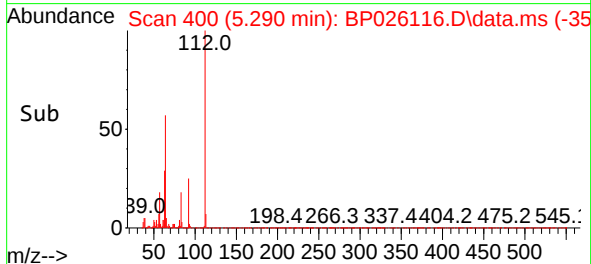
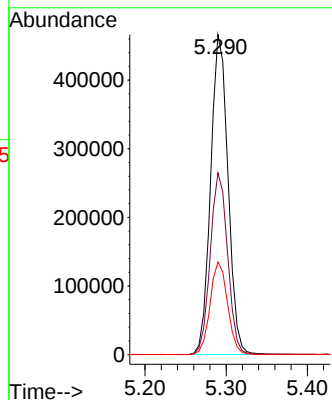
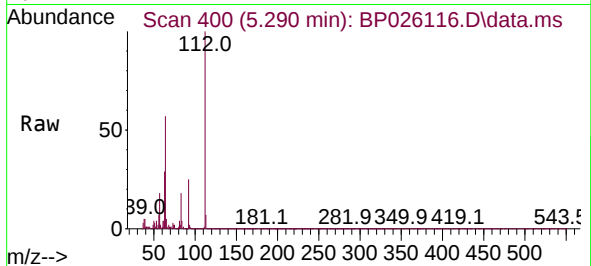




#5
2-Fluorophenol
Concen: 33.104 ng
RT: 5.290 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

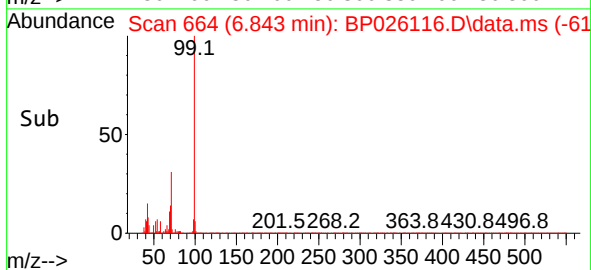
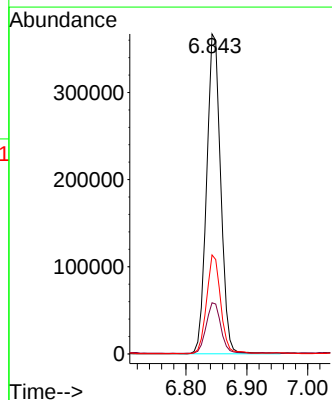
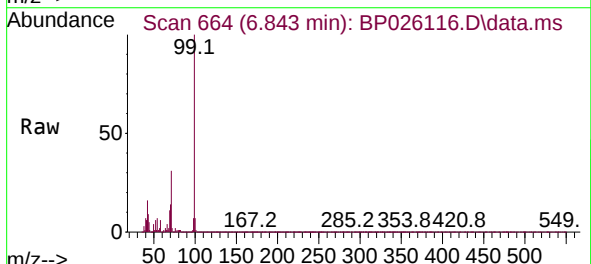
Instrument :
BNA_P
ClientSampleId :
MW-12DL

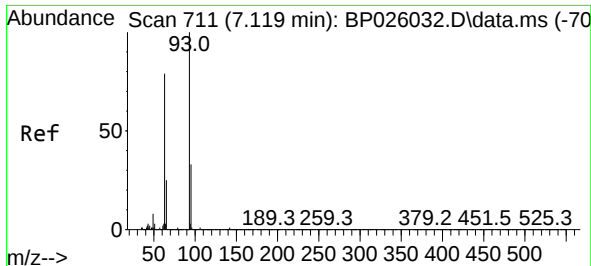
Tgt Ion:112 Resp: 694133
Ion Ratio Lower Upper
112 100
64 56.8 47.4 71.2
63 28.9 24.2 36.4



#7
Phenol-d6
Concen: 22.083 ng
RT: 6.843 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion: 99 Resp: 589370
Ion Ratio Lower Upper
99 100
42 16.0 13.7 20.5
71 30.9 24.4 36.6

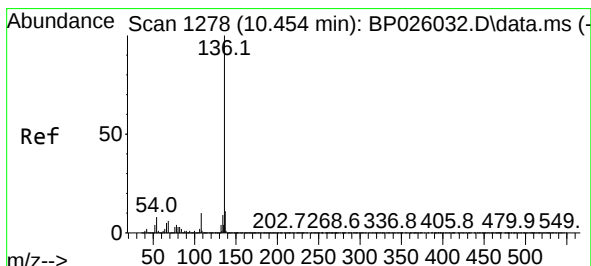
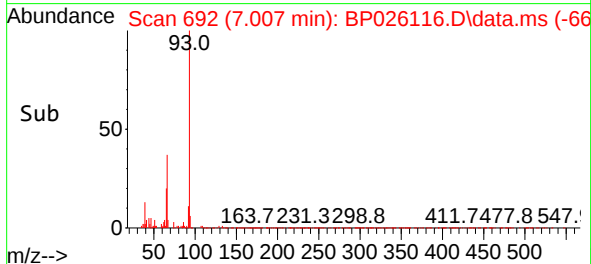
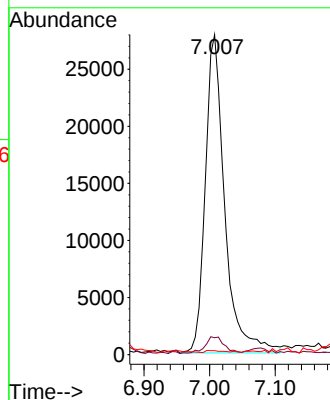
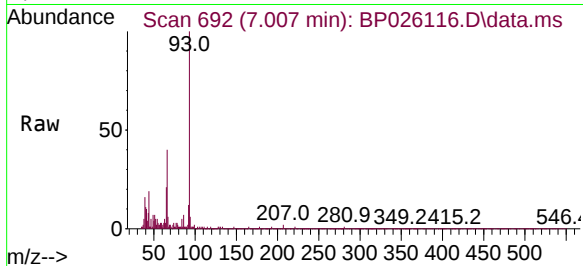




#11
bis(2-Chloroethyl)ether
Concen: 2.456 ng
RT: 7.007 min Scan# 69
Delta R.T. -0.112 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

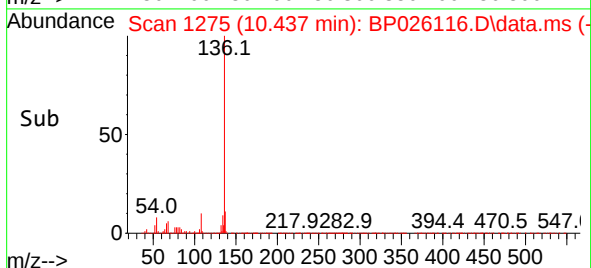
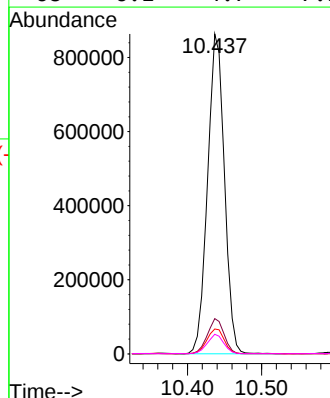
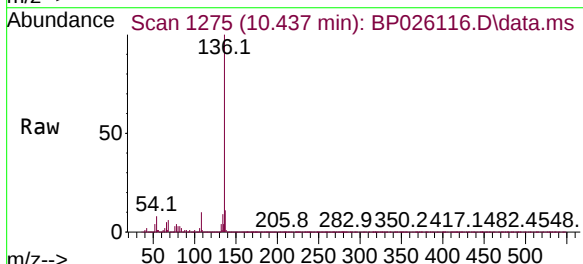
Instrument :
BNA_P
ClientSampleId :
MW-12DL

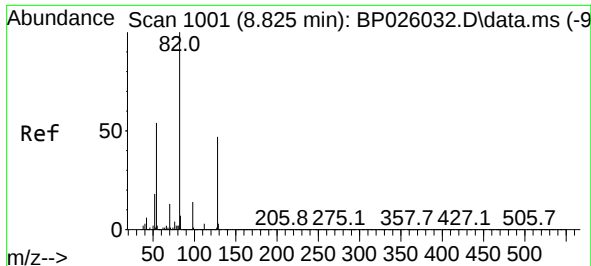
Tgt Ion: 93 Resp: 57439
Ion Ratio Lower Upper
93 100
63 5.3 59.1 99.1#
95 1.2 12.6 52.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.017 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:136 Resp: 1363084
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 6.6 10.0
68 6.1 4.7 7.1

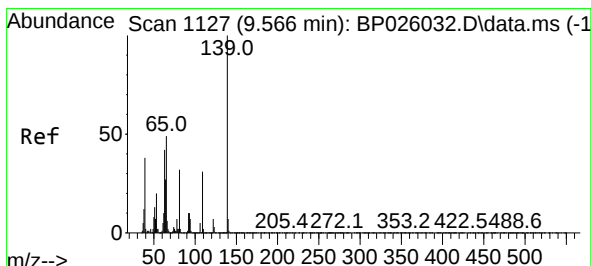
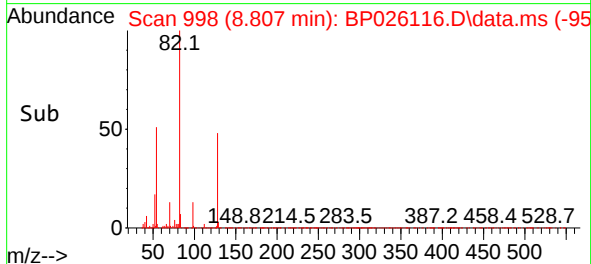
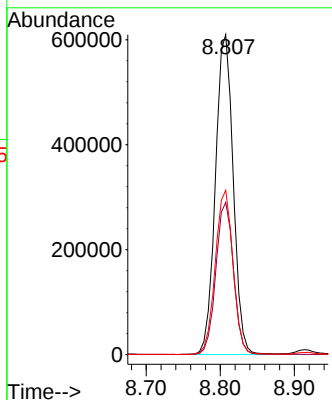
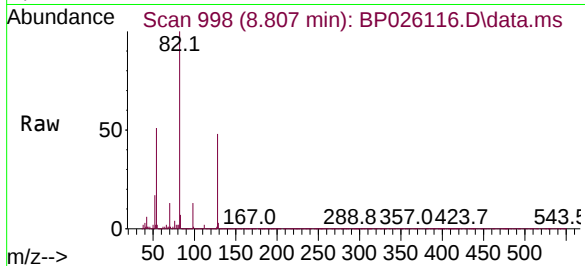




#23
Nitrobenzene-d5
Concen: 46.442 ng
RT: 8.807 min Scan# 99
Delta R.T. -0.018 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

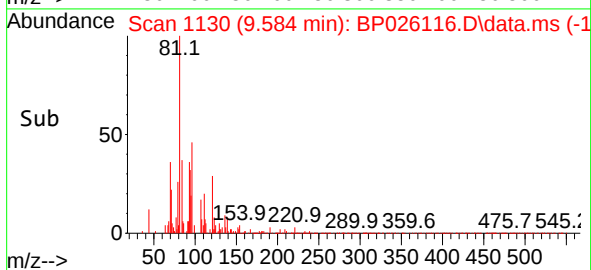
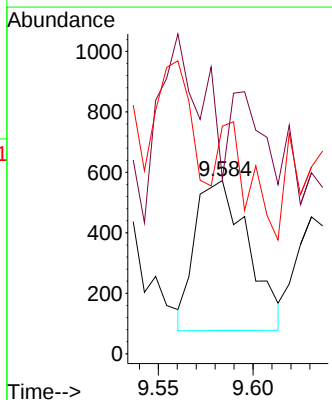
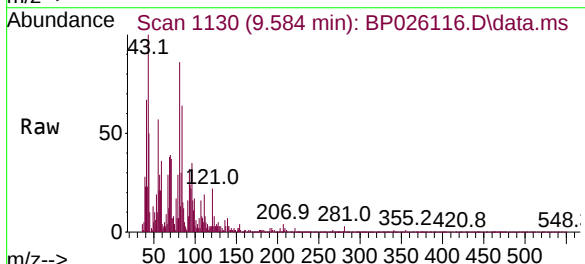
Instrument :
BNA_P
ClientSampleId :
MW-12DL

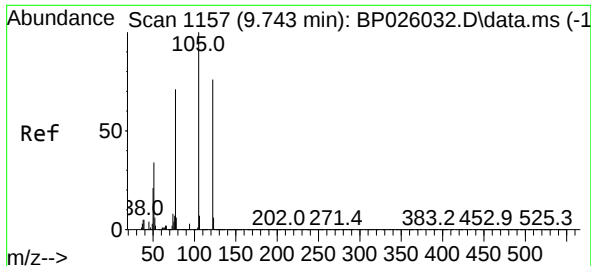
Tgt Ion: 82 Resp: 1015470
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.0
54 51.4 42.7 64.1



#26
2-Nitrophenol
Concen: 2.785 ng
RT: 9.584 min Scan# 1130
Delta R.T. 0.018 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion: 139 Resp: 968
Ion Ratio Lower Upper
139 100
109 100.9 24.8 37.2#
65 131.4 39.0 58.4#

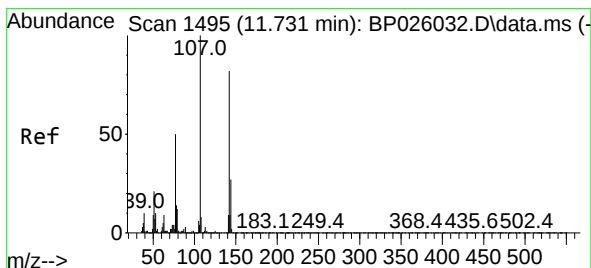
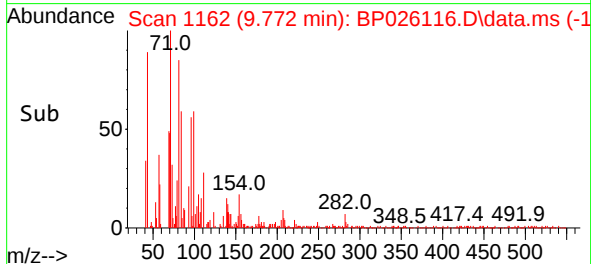
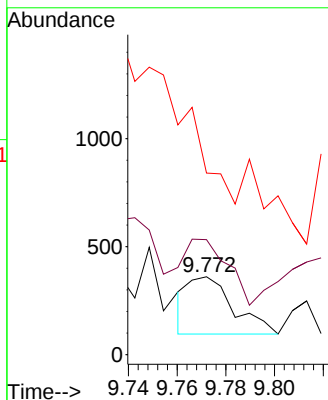
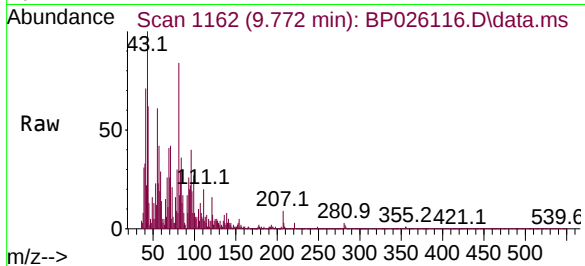




#32
Benzoic acid
Concen: 3.153 ng
RT: 9.772 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

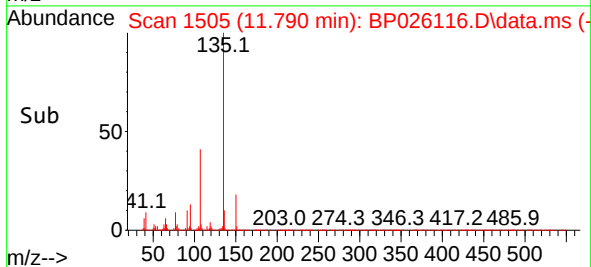
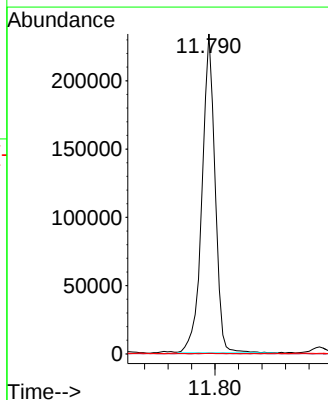
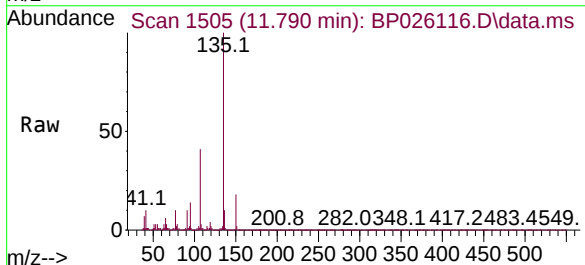
Instrument :
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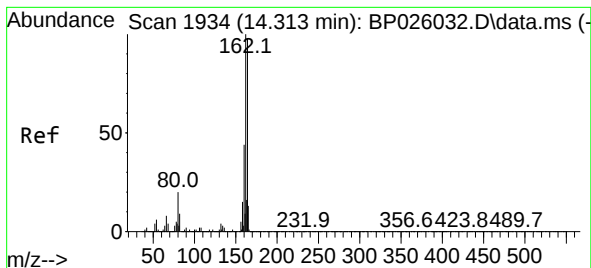
Tgt Ion:122 Resp: 342
Ion Ratio Lower Upper
122 100
105 147.6 104.8 144.8#
77 233.0 70.9 110.9#



#36
4-Chloro-3-methylphenol
Concen: 16.575 ng
RT: 11.790 min Scan# 1505
Delta R.T. 0.059 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:107 Resp: 361057
Ion Ratio Lower Upper
107 100
144 0.1 21.3 31.9#
142 0.2 65.2 97.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026116.D

Acq: 12 Nov 2025 17:17

Instrument :

BNA_P

ClientSampleId :

MW-12DL

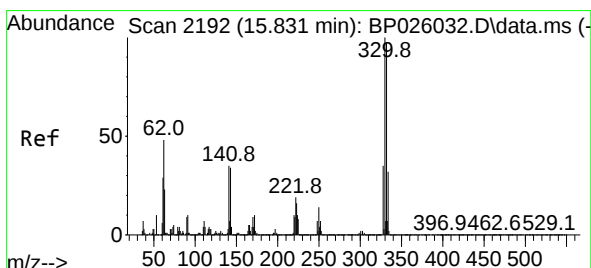
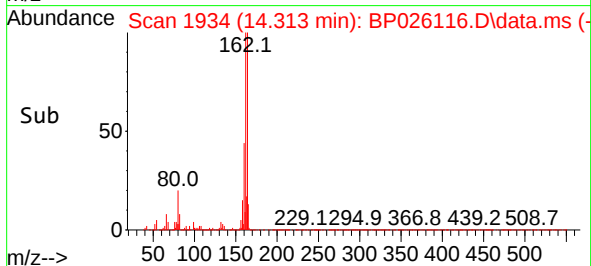
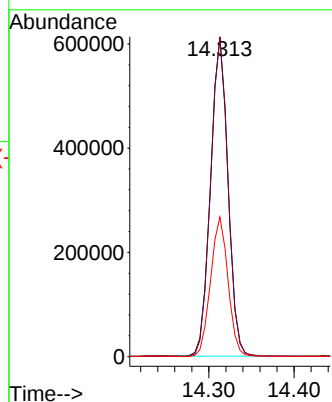
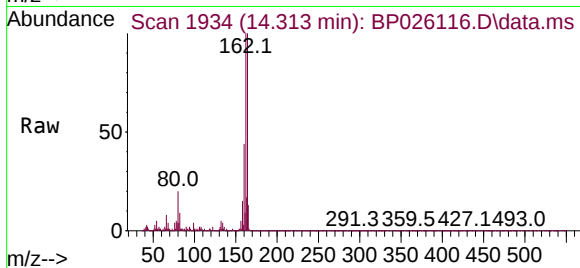
Tgt Ion:164 Resp: 867470

Ion Ratio Lower Upper

164 100

162 100.4 81.5 122.3

160 43.8 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 81.796 ng

RT: 15.836 min Scan# 2193

Delta R.T. 0.006 min

Lab File: BP026116.D

Acq: 12 Nov 2025 17:17

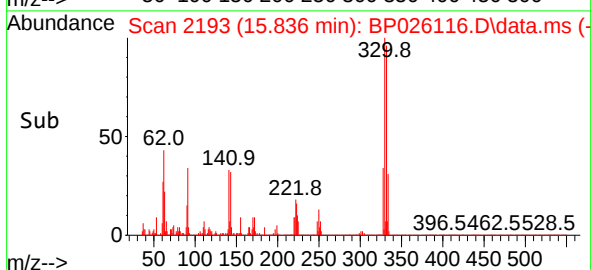
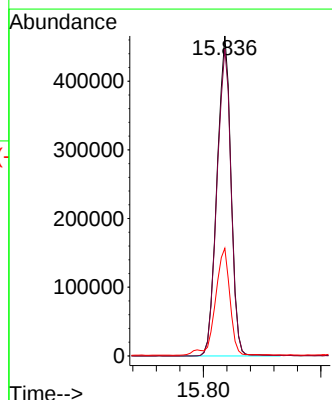
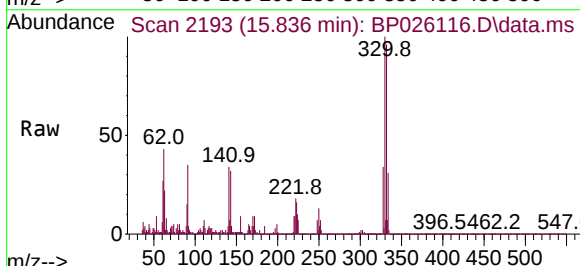
Tgt Ion:330 Resp: 767097

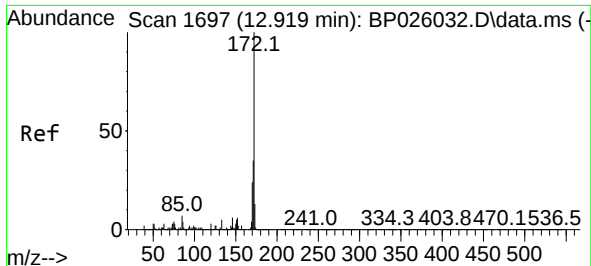
Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 34.9 28.6 42.8



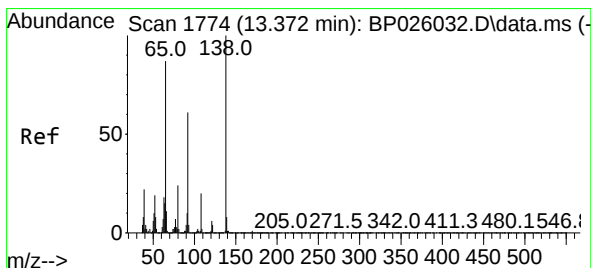
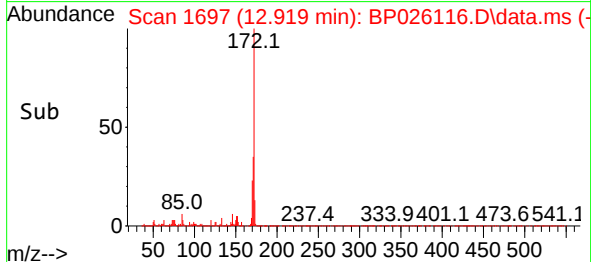
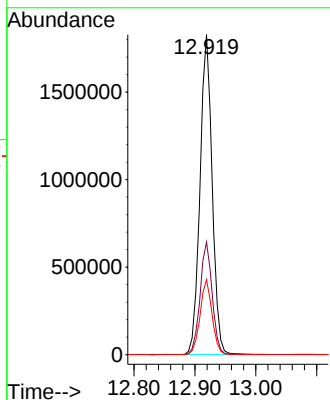
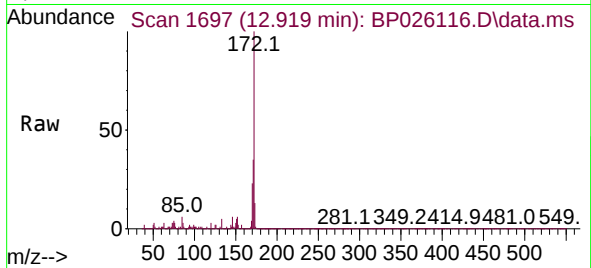


#45
2-Fluorobiphenyl
Concen: 41.974 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:172 Resp: 2533981

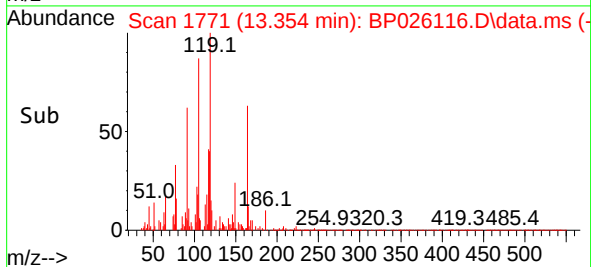
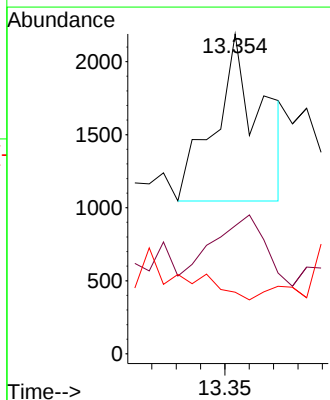
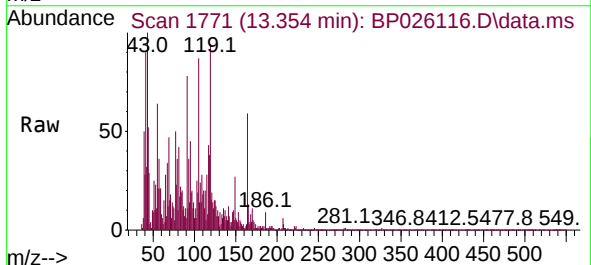
Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.4	19.0	28.4

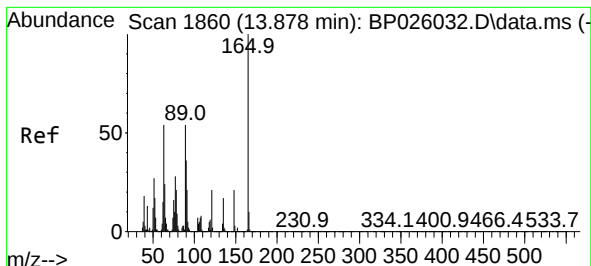


#48
2-Nitroaniline
Concen: 3.017 ng
RT: 13.354 min Scan# 1771
Delta R.T. -0.024 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion: 65 Resp: 1529

Ion	Ratio	Lower	Upper
65	100		
92	40.0	55.5	83.3#
138	19.3	91.7	137.5#

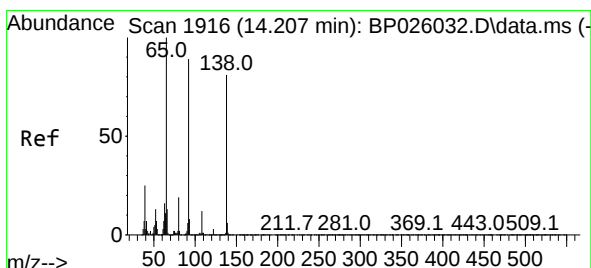
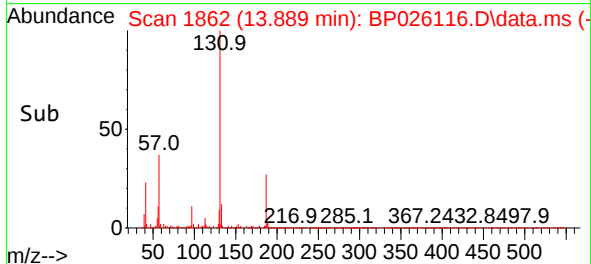
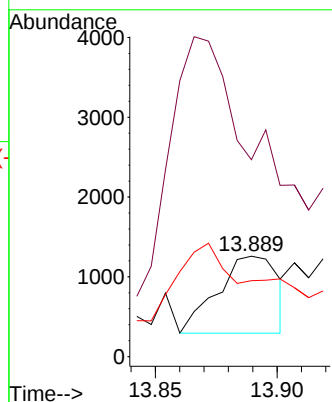
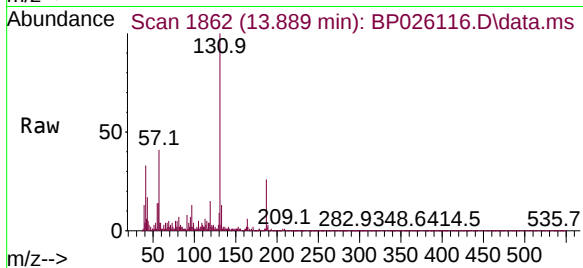




#51
2,6-Dinitrotoluene
Concen: 3.124 ng
RT: 13.889 min Scan# 1862
Delta R.T. 0.011 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

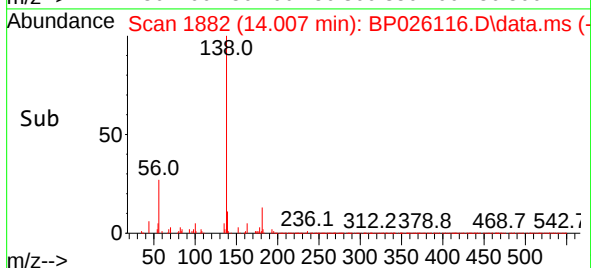
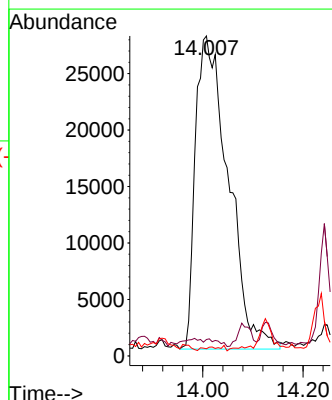
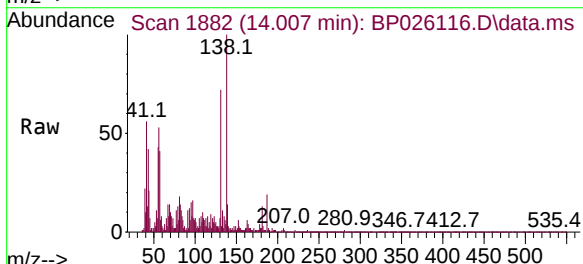
Instrument :
BNA_P
ClientSampleId :
MW-12DL

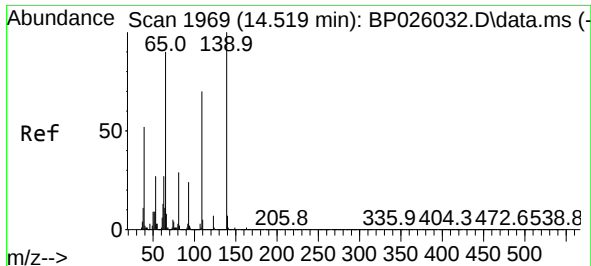
Tgt Ion:165 Resp: 1667
Ion Ratio Lower Upper
165 100
63 196.0 43.0 64.4#
89 75.5 43.0 64.4#



#53
3-Nitroaniline
Concen: 11.033 ng
RT: 14.007 min Scan# 1882
Delta R.T. -0.200 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:138 Resp: 126287
Ion Ratio Lower Upper
138 100
108 5.1 11.4 17.0#
92 2.2 87.1 130.7#

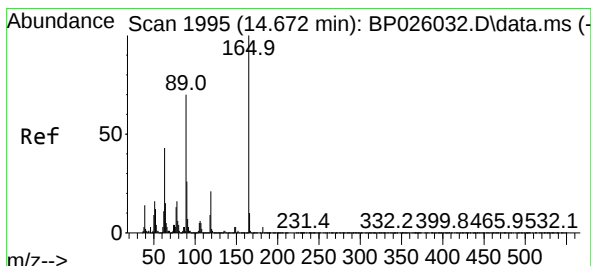
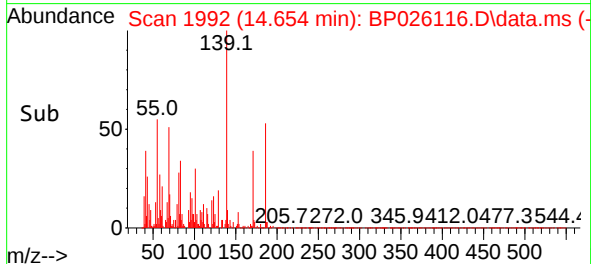
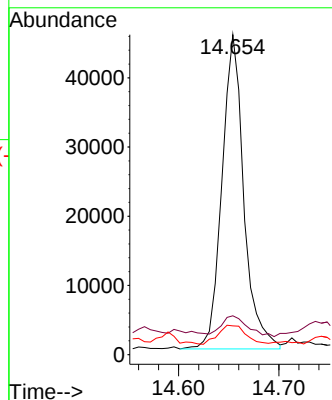
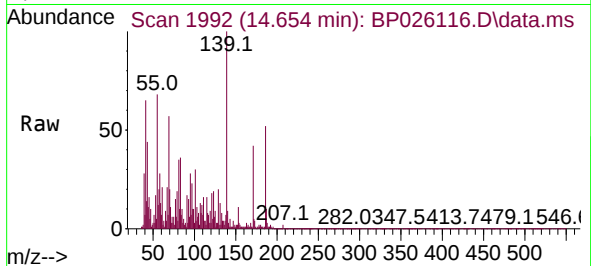




#56
4-Nitrophenol
Concen: 5.487 ng
RT: 14.654 min Scan# 1992
Delta R.T. 0.135 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

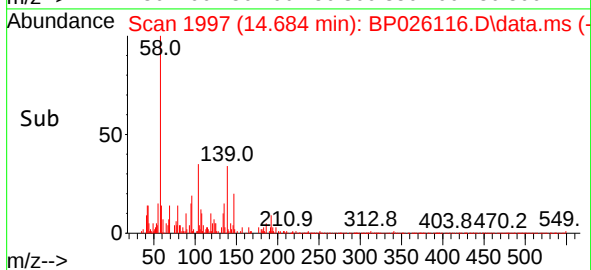
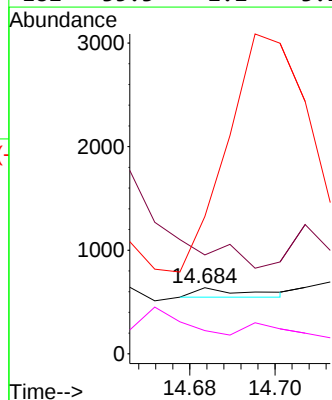
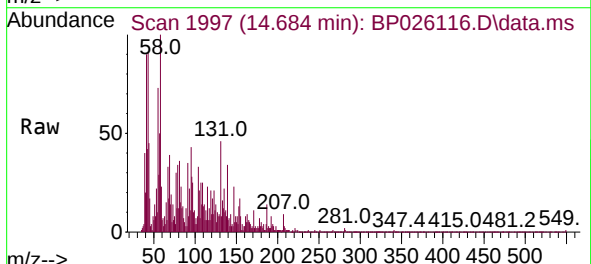
Instrument :
BNA_P
ClientSampleId :
MW-12DL

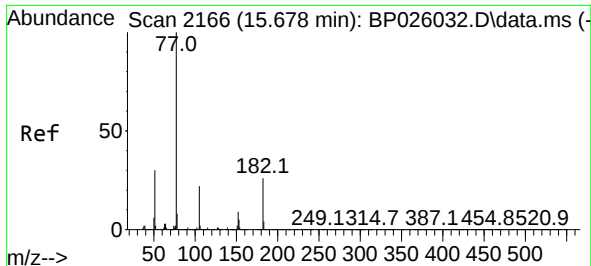
Tgt Ion:139 Resp: 69041
Ion Ratio Lower Upper
139 100
109 12.1 50.0 90.0#
65 9.0 69.6 109.6#



#57
2,4-Dinitrotoluene
Concen: 3.091 ng
RT: 14.684 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:165 Resp: 80
Ion Ratio Lower Upper
165 100
63 149.5 34.2 51.2#
89 207.7 56.0 84.0#
182 35.3 2.2 3.2#

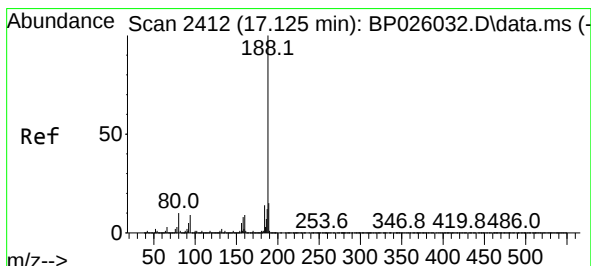
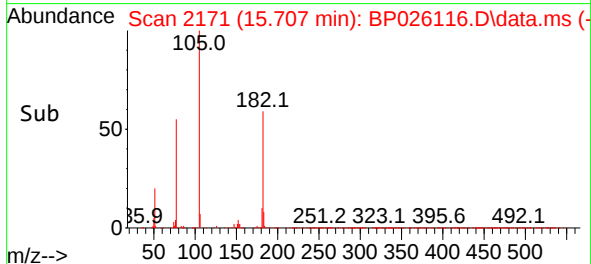
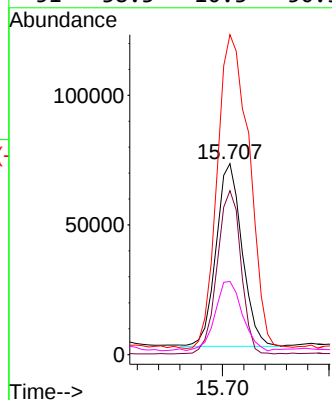
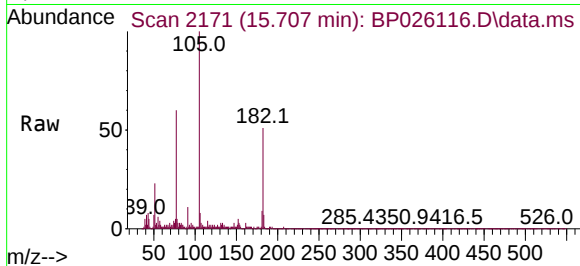




#63
Azobenzene
Concen: 2.078 ng
RT: 15.707 min Scan# 2166
Delta R.T. 0.018 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

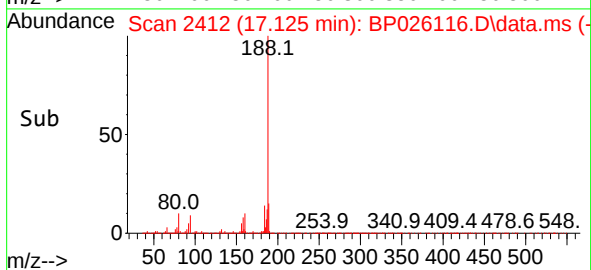
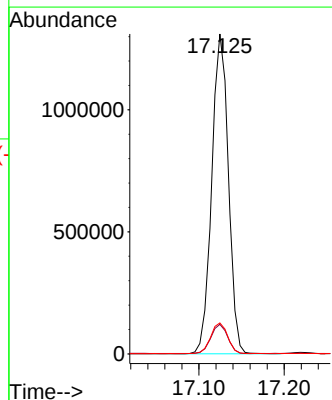
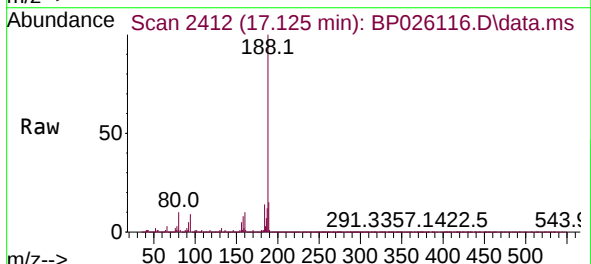
Instrument :
BNA_P
ClientSampleId :
MW-12DL

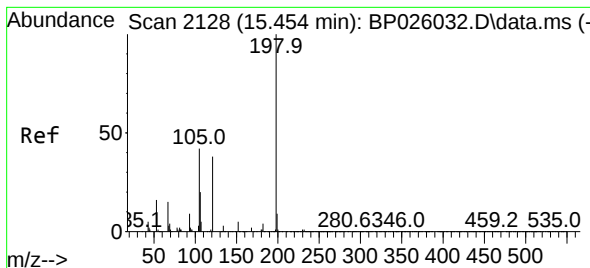
Tgt Ion: 77 Resp: 119486
Ion Ratio Lower Upper
77 100
182 85.8 6.4 46.4#
105 167.5 2.2 42.2#
51 38.3 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:188 Resp: 1776019
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 9.7 7.9 11.9

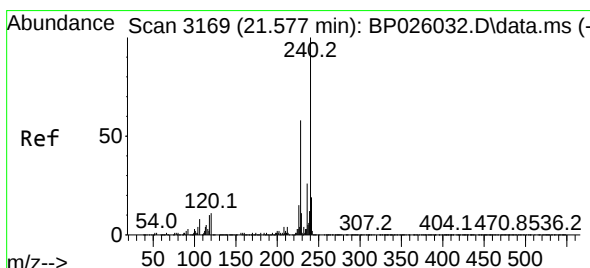
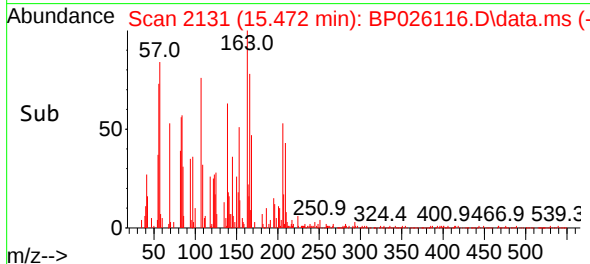
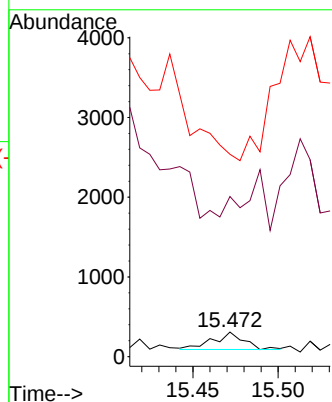
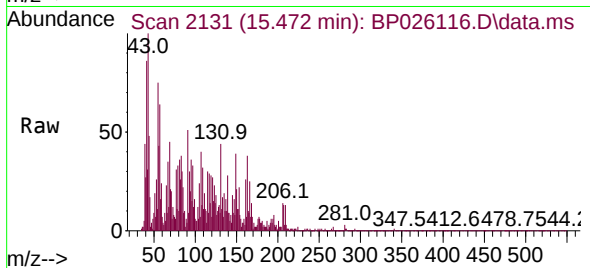




#65
4,6-Dinitro-2-methylphenol
Concen: 2.020 ng
RT: 15.472 min Scan# 2128
Delta R.T. 0.018 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

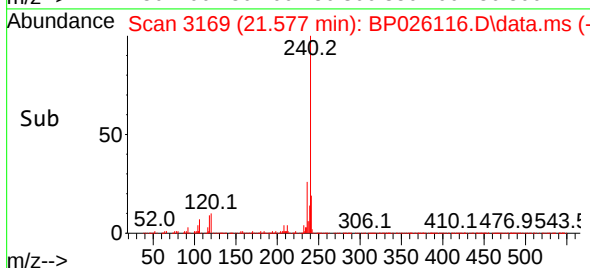
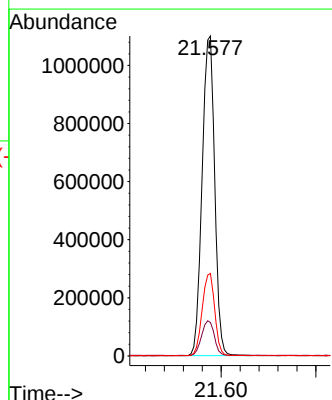
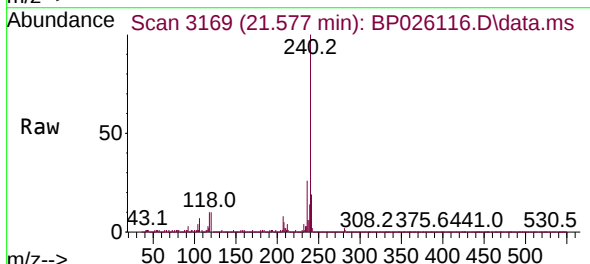
Instrument :
BNA_P
ClientSampleId :
MW-12DL

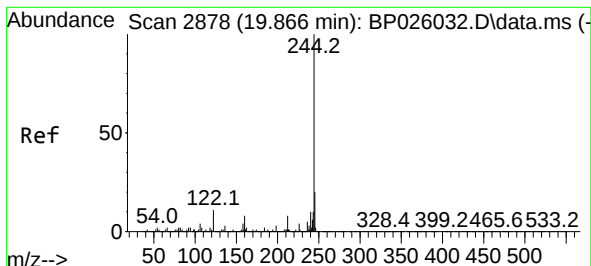
Tgt Ion:198 Resp: 279
Ion Ratio Lower Upper
198 100
51 651.9 25.2 65.2#
105 824.4 23.7 63.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:240 Resp: 2024264
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.8 20.6 31.0





#79

Terphenyl-d14

Concen: 42.181 ng

RT: 19.866 min Scan# 2878

Delta R.T. 0.000 min

Lab File: BP026116.D

Acq: 12 Nov 2025 17:17

Instrument :

BNA_P

ClientSampleId :

MW-12DL

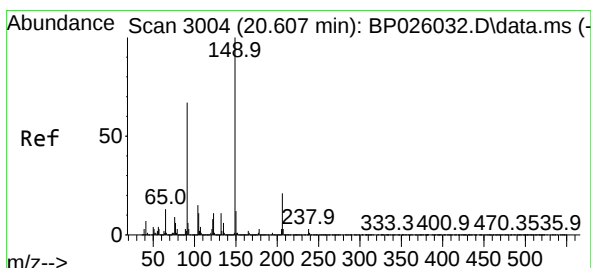
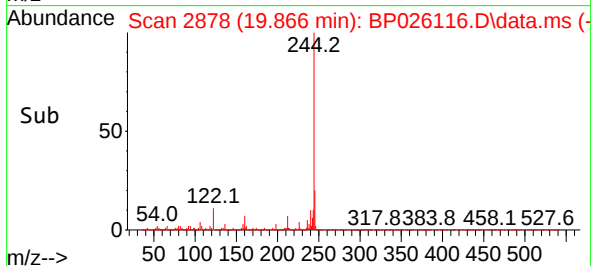
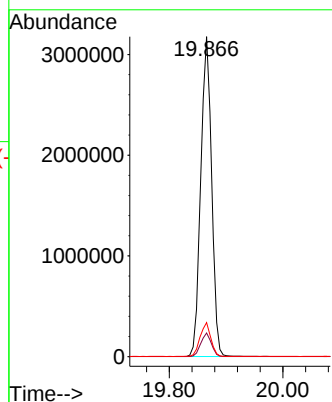
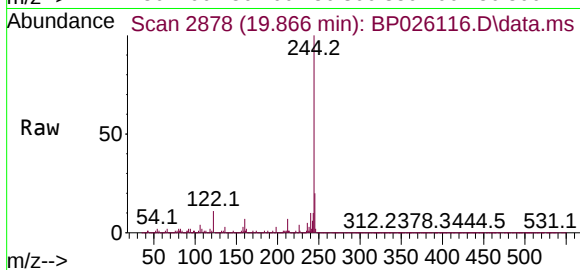
Tgt Ion:244 Resp: 4202650

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.6 9.0 13.6



#80

Butylbenzylphthalate

Concen: 3.437 ng

RT: 20.601 min Scan# 3003

Delta R.T. -0.006 min

Lab File: BP026116.D

Acq: 12 Nov 2025 17:17

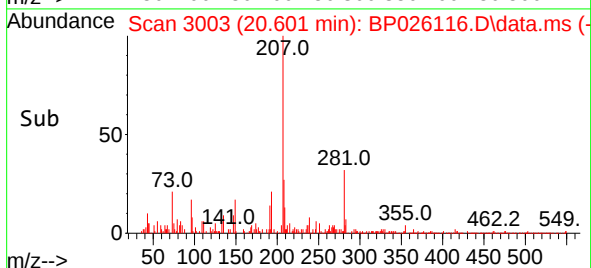
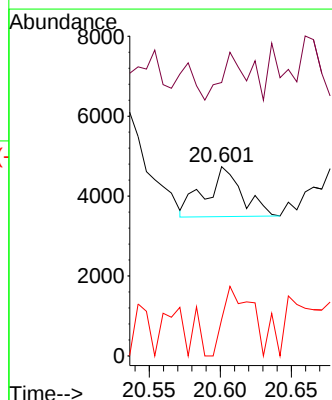
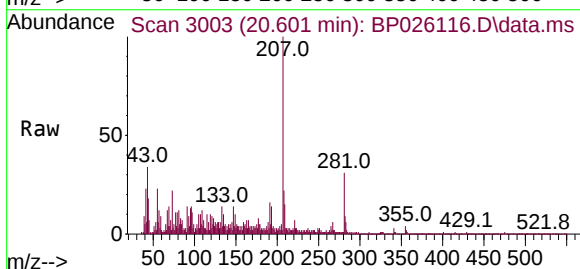
Tgt Ion:149 Resp: 2218

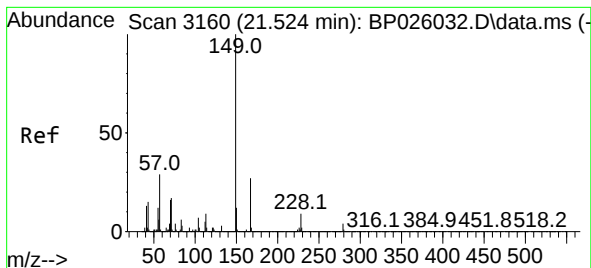
Ion Ratio Lower Upper

149 100

91 144.5 53.5 80.3#

206 19.3 16.6 25.0

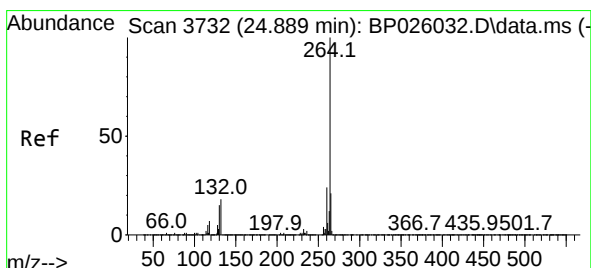
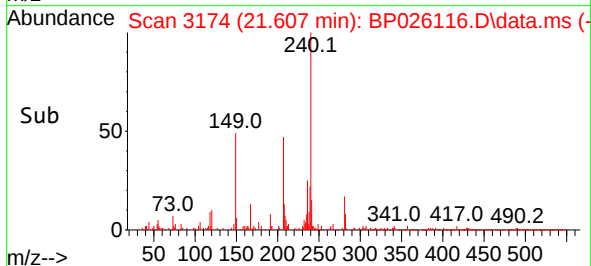
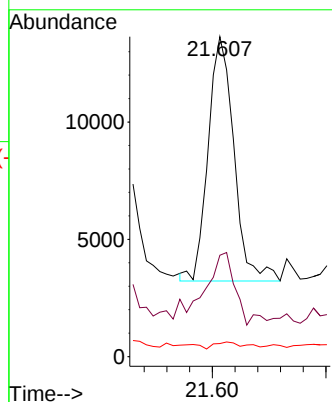
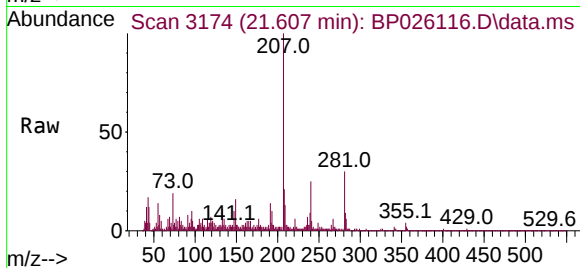




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.788 ng
RT: 21.607 min Scan# 3160
Delta R.T. 0.089 min
Lab File: BP026116.D
Acq: 12 Nov 2025 17:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:149 Resp: 16432
Ion Ratio Lower Upper
149 100
167 31.7 21.5 32.3
279 4.1 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: BP026116.D
Acq: 12 Nov 2025 17:17

Tgt Ion:264 Resp: 2316393
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.7 17.2 25.8

