

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026119.D
 Acq On : 12 Nov 2025 19:21
 Operator : RC/JU
 Sample : Q3597-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: Nov 13 01:12:17 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)

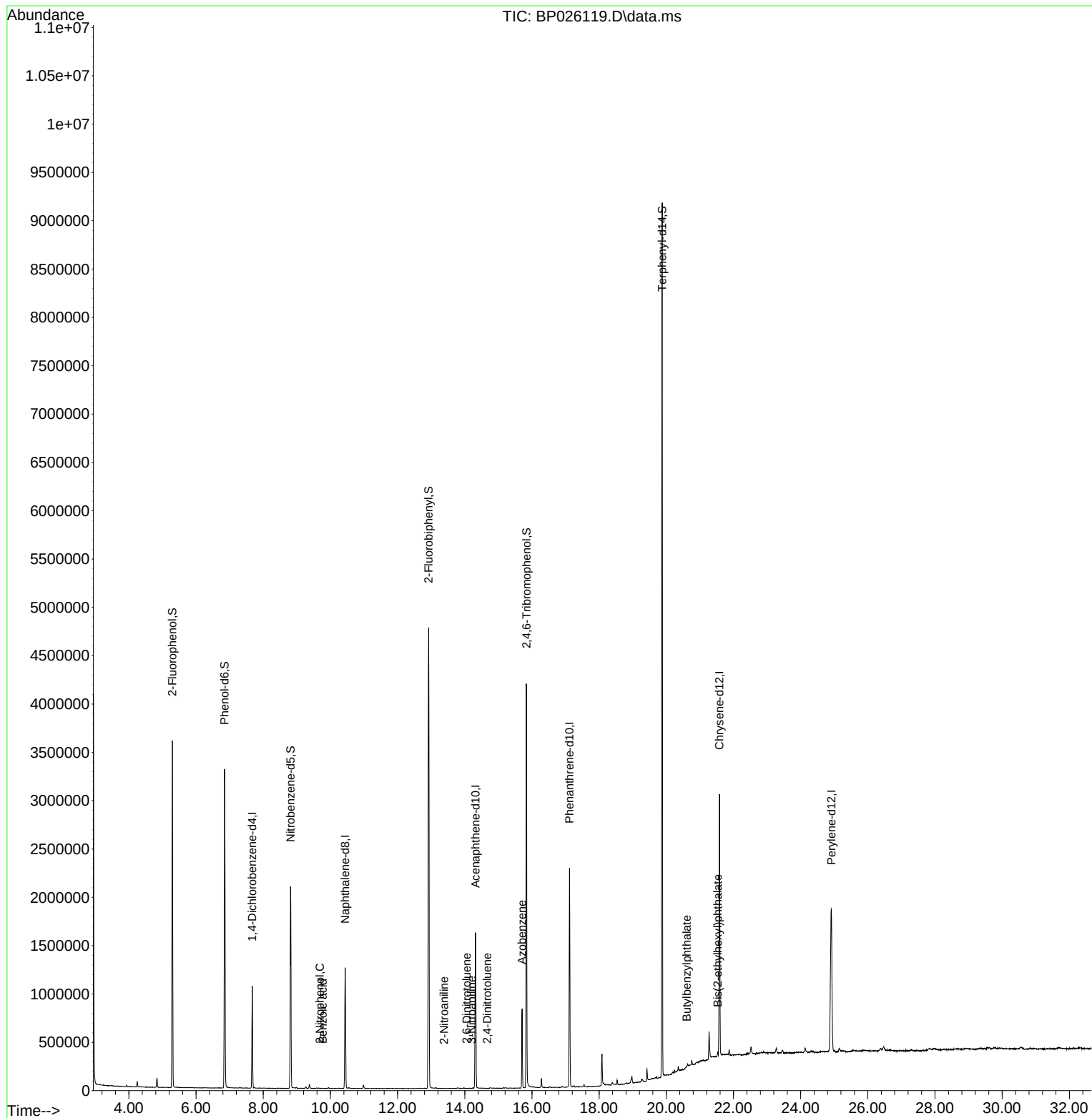
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	284678	20.000	ng	-0.02
21) Naphthalene-d8	10.437	136	1115121	20.000	ng	-0.02
39) Acenaphthene-d10	14.319	164	695657	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	1409983	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1541508	20.000	ng	0.02
86) Perylene-d12	24.912	264	1739307	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1592022	92.279	ng	0.00
7) Phenol-d6	6.849	99	1975358	89.958	ng	0.00
23) Nitrobenzene-d5	8.813	82	1136340	63.526	ng	-0.01
42) 2,4,6-Tribromophenol	15.836	330	775282	103.086	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	2891059	59.717	ng	0.00
79) Terphenyl-d14	19.877	244	4603449	60.673	ng	0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.684	139	67	2.686	ng	94
32) Benzoic acid	9.772	122	67	3.125	ng	# 1
48) 2-Nitroaniline	13.384	65	126	2.921	ng	# 39
51) 2,6-Dinitrotoluene	14.054	165	276	3.018	ng	94
53) 3-Nitroaniline	14.207	138	62	2.643	ng	# 87
57) 2,4-Dinitrotoluene	14.672	165	68	3.091	ng	# 57
63) Azobenzene	15.707	77	218961	4.749	ng	# 1
80) Butylbenzylphthalate	20.613	149	601	3.411	ng	# 68
84) Bis(2-ethylhexyl)phtha...	21.530	149	25482	2.985	ng	# 96

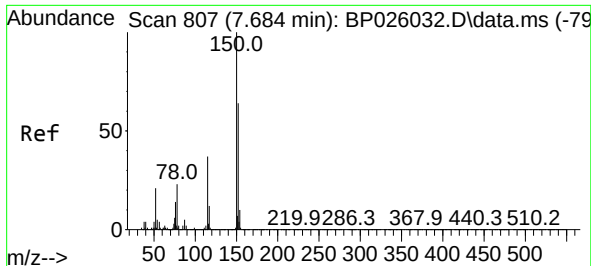
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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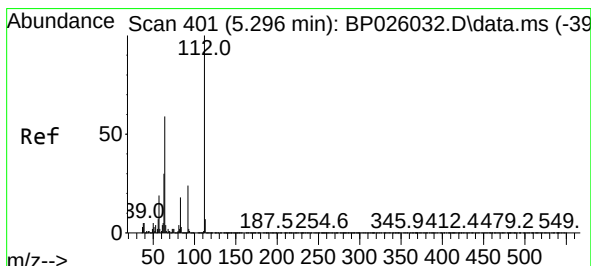
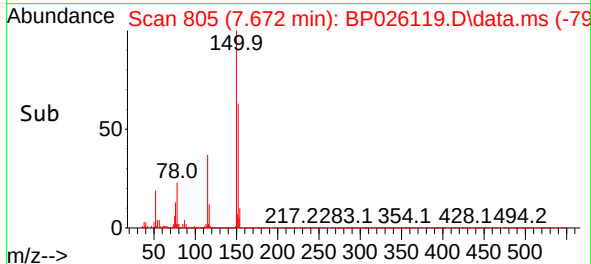
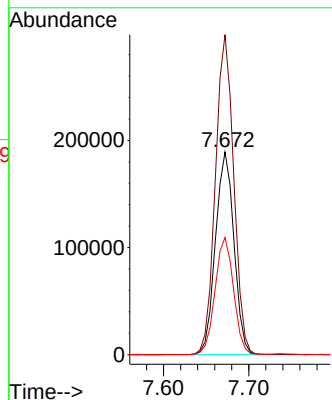
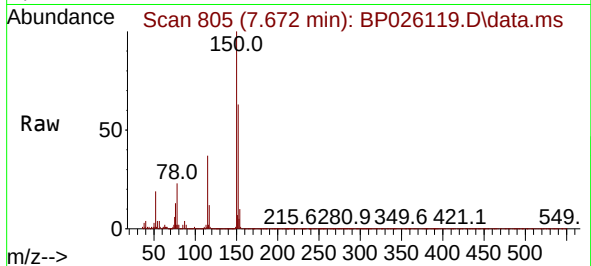




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 807
Delta R.T. -0.018 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

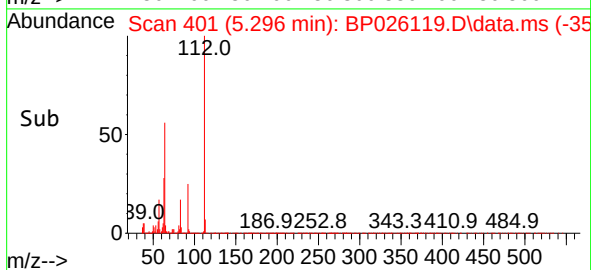
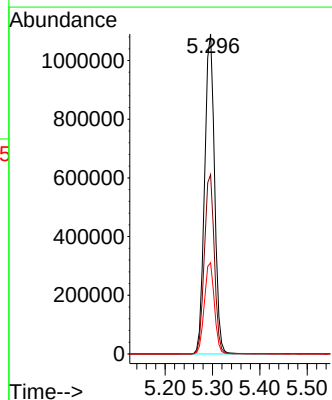
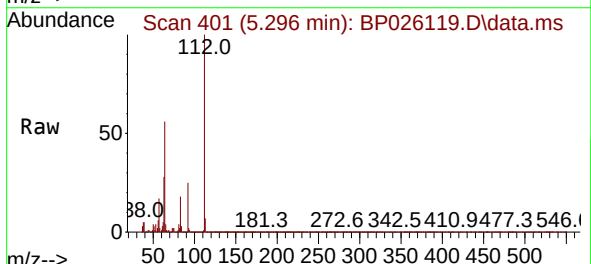
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BNA_P
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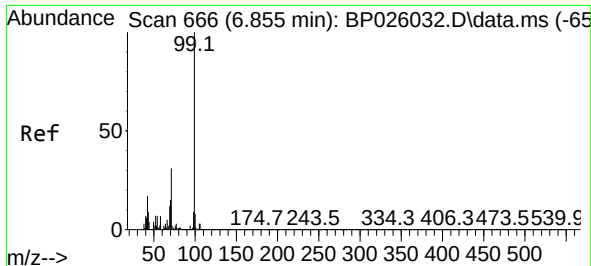
Tgt Ion:152 Resp: 284678
Ion Ratio Lower Upper
152 100
150 157.8 125.7 188.5
115 57.8 46.4 69.6



#5
2-Fluorophenol
Concen: 92.279 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

Tgt Ion:112 Resp: 1592022
Ion Ratio Lower Upper
112 100
64 56.1 47.4 71.2
63 28.5 24.2 36.4

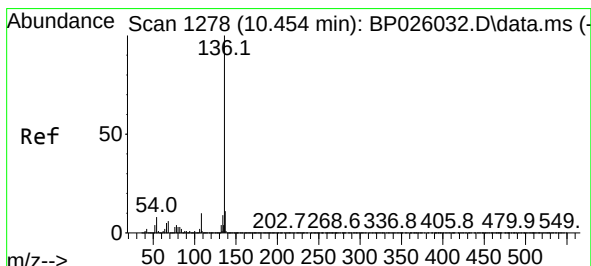
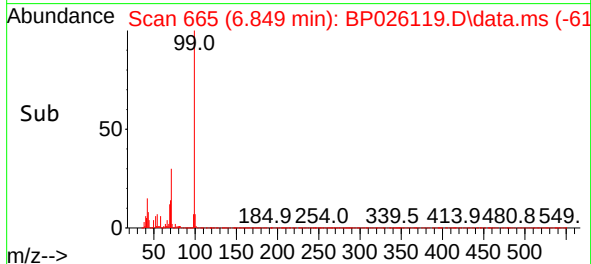
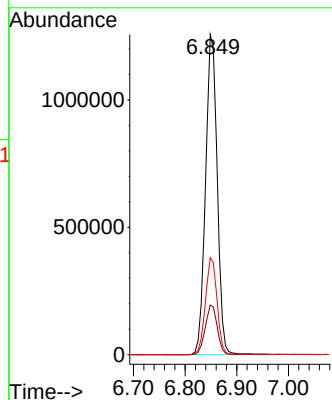
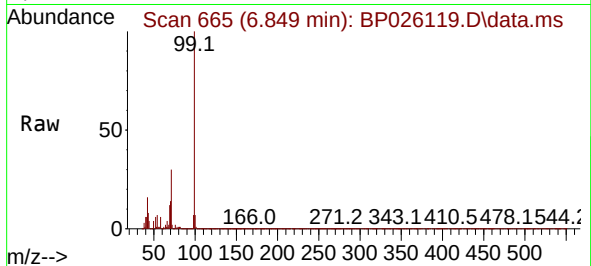




#7
Phenol-d6
Concen: 89.958 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

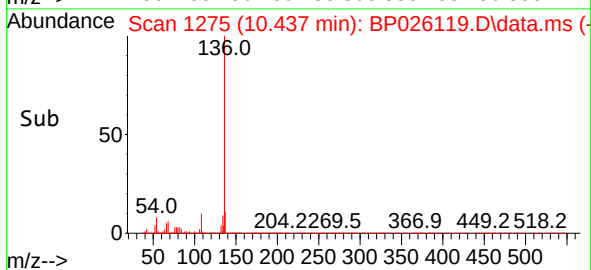
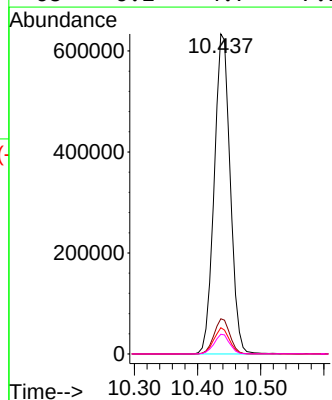
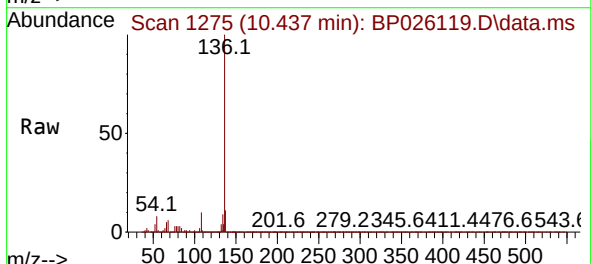
Instrument :
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ClientSampleId :
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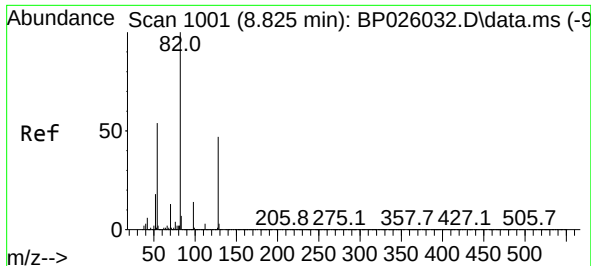
Tgt Ion: 99 Resp: 1975358
Ion Ratio Lower Upper
99 100
42 15.5 13.7 20.5
71 30.3 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.017 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

Tgt Ion:136 Resp: 1115121
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 6.6 10.0
68 6.2 4.7 7.1

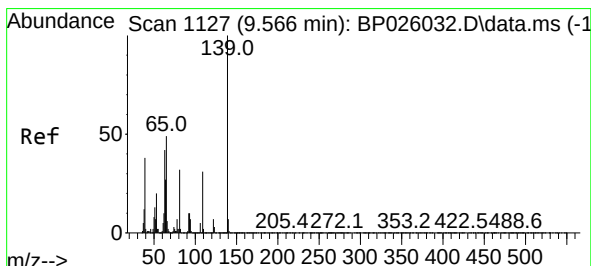
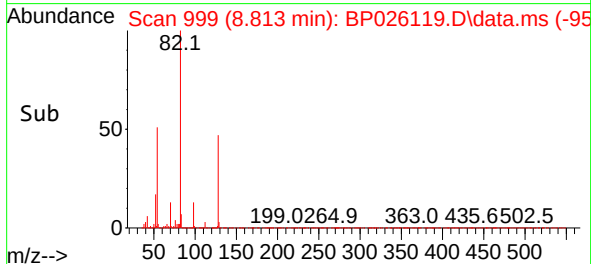
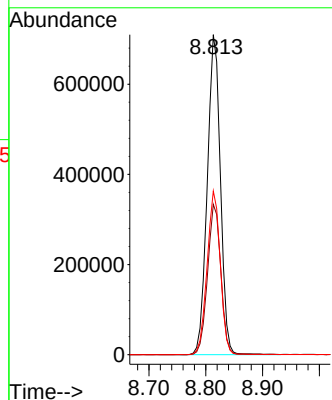
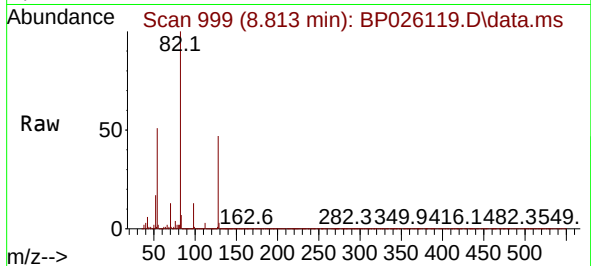




#23
Nitrobenzene-d5
Concen: 63.526 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

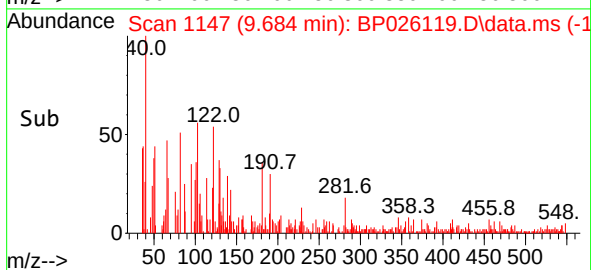
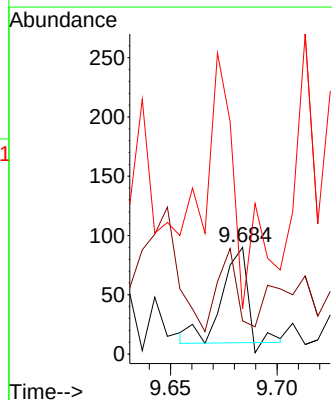
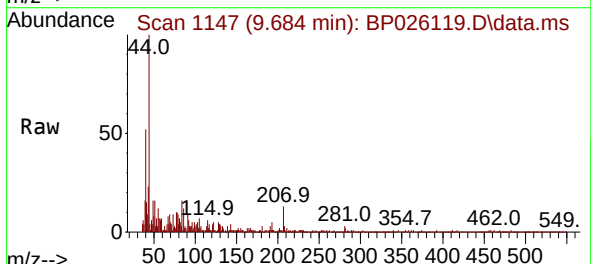
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ClientSampleId :
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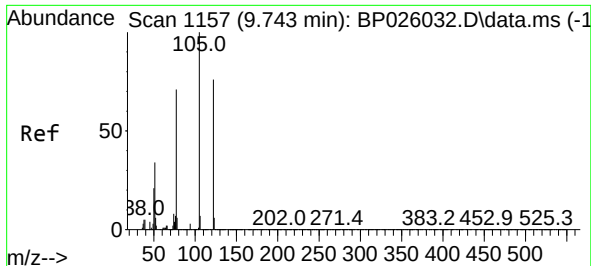
Tgt Ion: 82 Resp: 1136340
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.0
54 51.2 42.7 64.1



#26
2-Nitrophenol
Concen: 2.686 ng
RT: 9.684 min Scan# 1147
Delta R.T. 0.118 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

Tgt Ion:139 Resp: 67
Ion Ratio Lower Upper
139 100
109 31.1 24.8 37.2
65 42.2 39.0 58.4

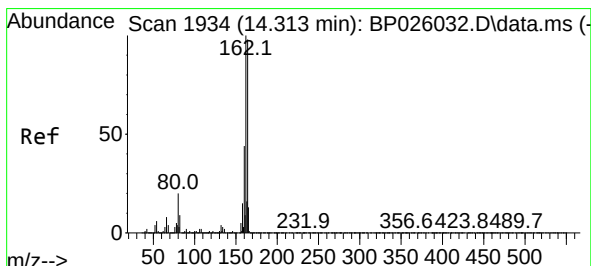
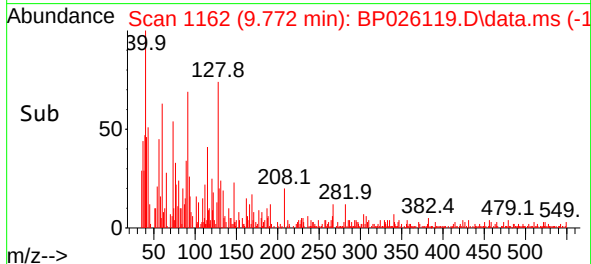
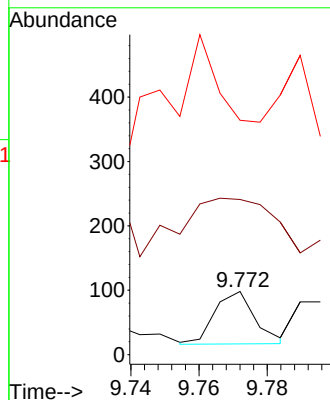
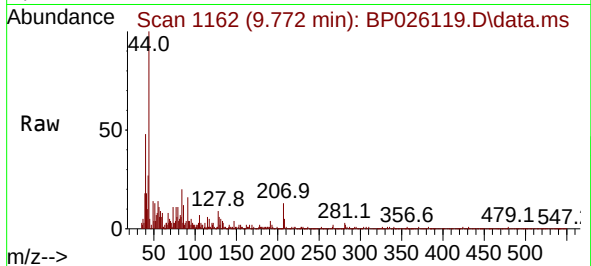




#32
Benzoic acid
Concen: 3.125 ng
RT: 9.772 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

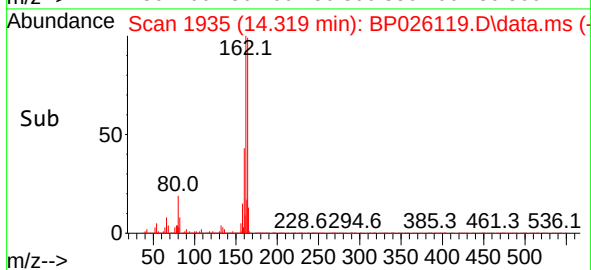
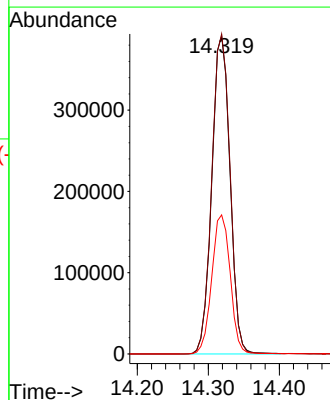
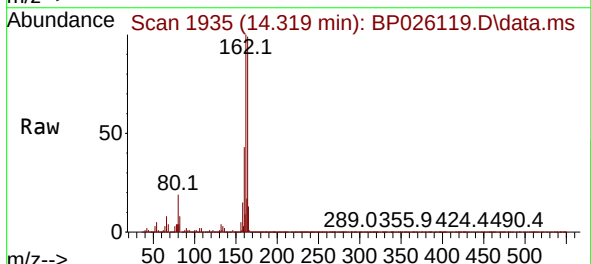
Instrument :
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ClientSampleId :
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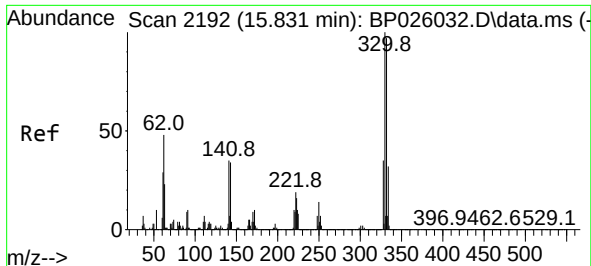
Tgt Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 245.9 104.8 144.8#
77 371.4 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

Tgt Ion:164 Resp: 695657
Ion Ratio Lower Upper
164 100
162 100.6 81.5 122.3
160 43.7 36.2 54.4

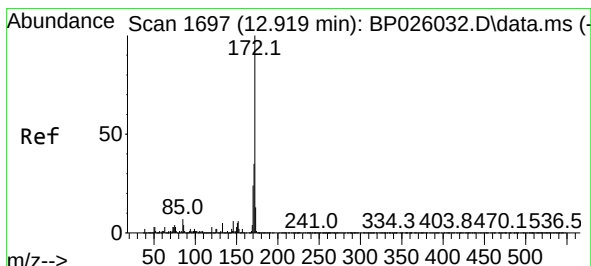
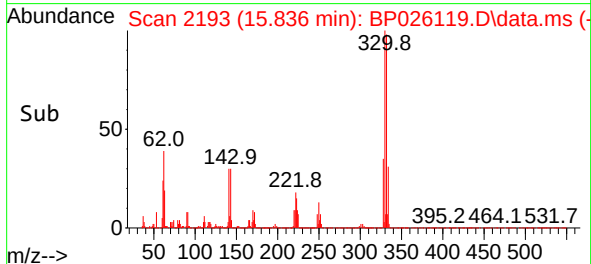
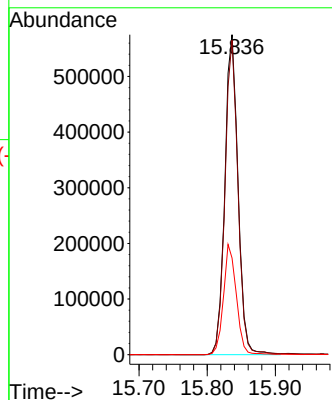
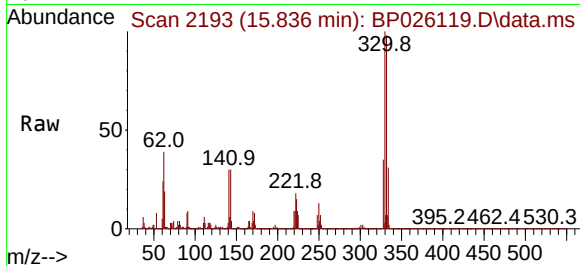




#42
2,4,6-Tribromophenol
Concen: 103.086 ng
RT: 15.836 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

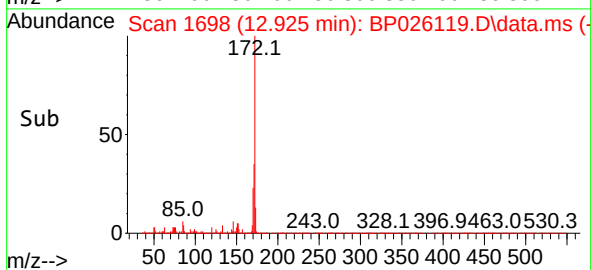
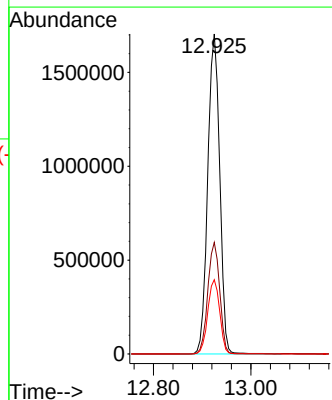
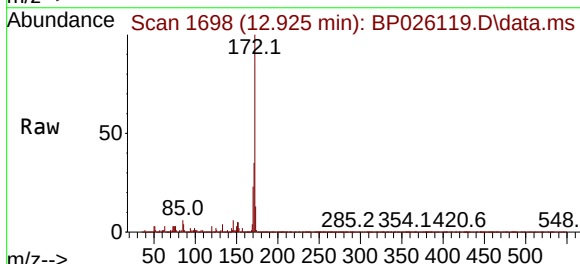
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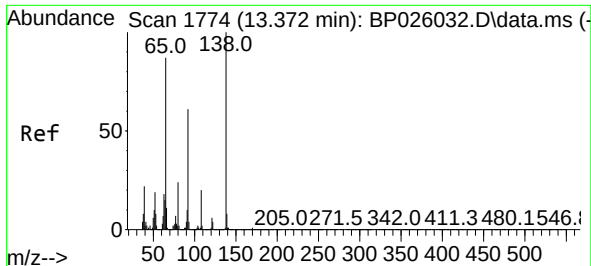
Tgt Ion:330 Resp: 775282
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 33.5 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 59.717 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

Tgt Ion:172 Resp: 2891059
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.2 19.0 28.4

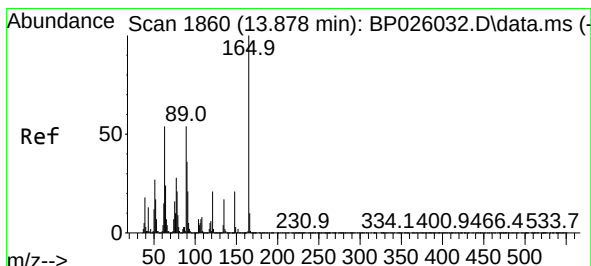
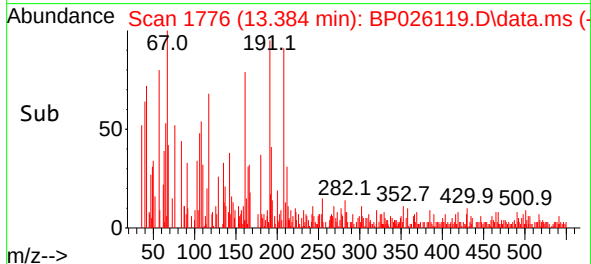
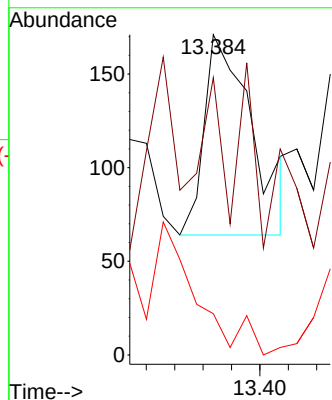
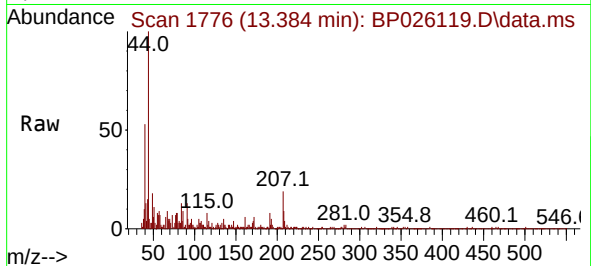




#48
2-Nitroaniline
Concen: 2.921 ng
RT: 13.384 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

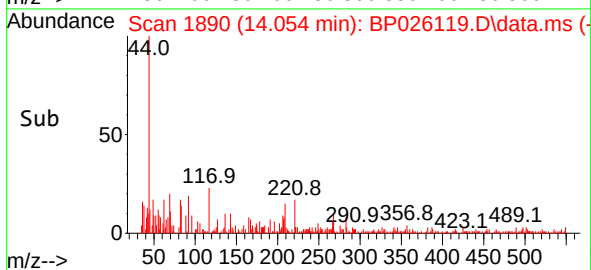
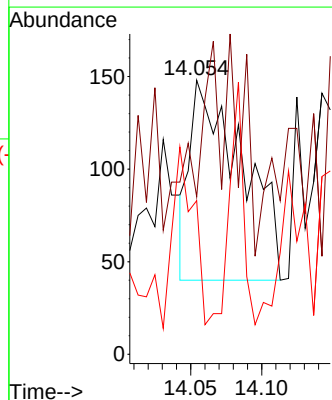
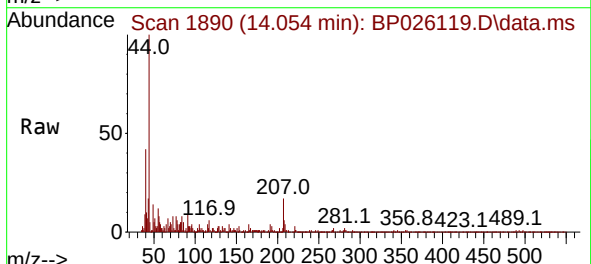
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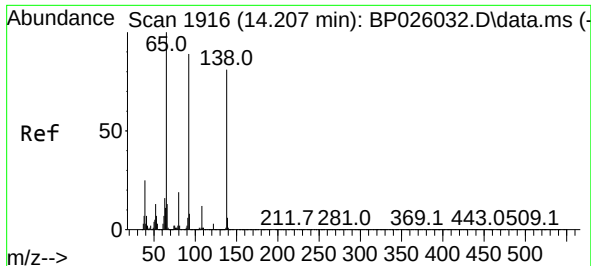
Tgt Ion: 65 Resp: 126
Ion Ratio Lower Upper
65 100
92 86.5 55.5 83.3#
138 21.6 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.018 ng
RT: 14.054 min Scan# 1890
Delta R.T. 0.176 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

Tgt Ion:165 Resp: 276
Ion Ratio Lower Upper
165 100
63 50.3 43.0 64.4
89 49.1 43.0 64.4

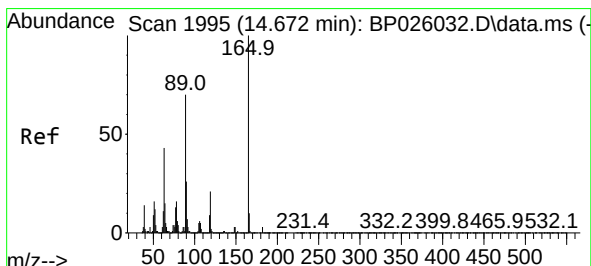
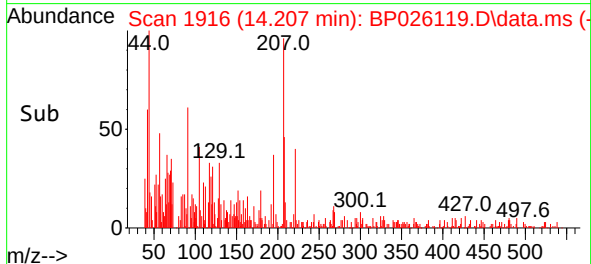
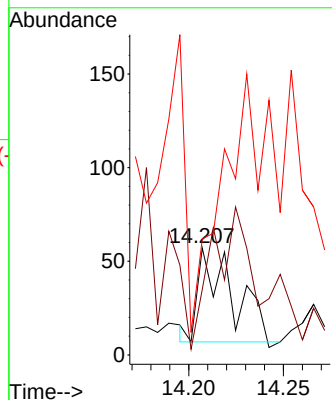
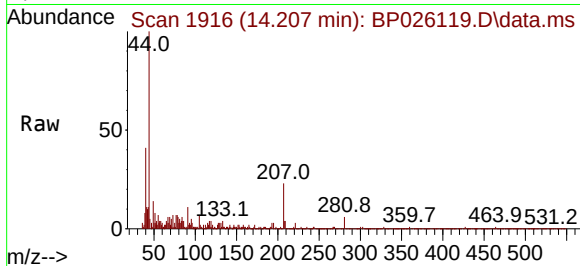




#53
3-Nitroaniline
Concen: 2.643 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

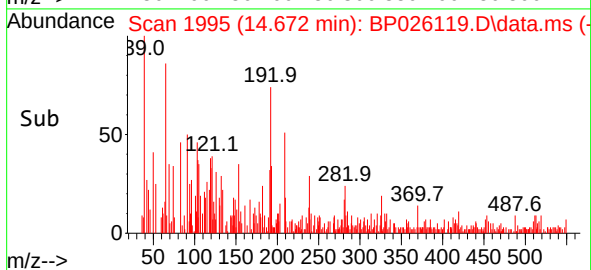
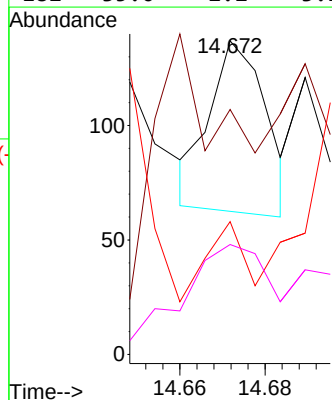
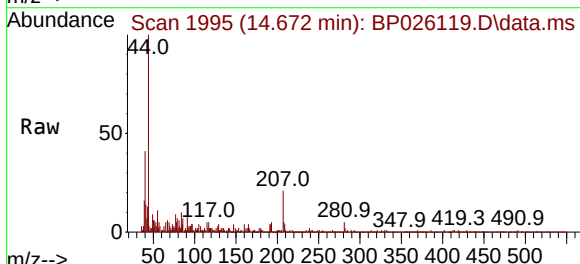
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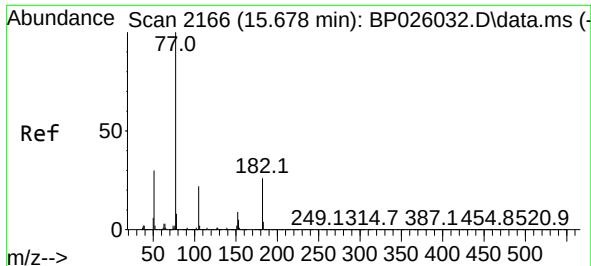
Tgt Ion:138 Resp: 62
Ion Ratio Lower Upper
138 100
108 61.4 11.4 17.0#
92 108.8 87.1 130.7



#57
2,4-Dinitrotoluene
Concen: 3.091 ng
RT: 14.672 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

Tgt Ion:165 Resp: 68
Ion Ratio Lower Upper
165 100
63 78.1 34.2 51.2#
89 42.3 56.0 84.0#
182 35.0 2.2 3.2#

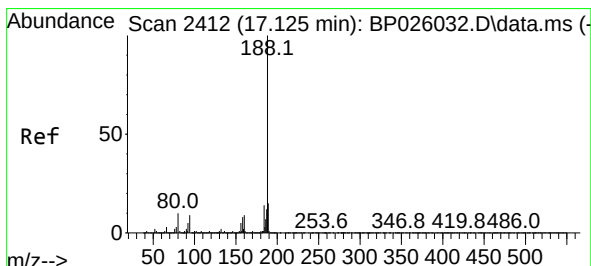
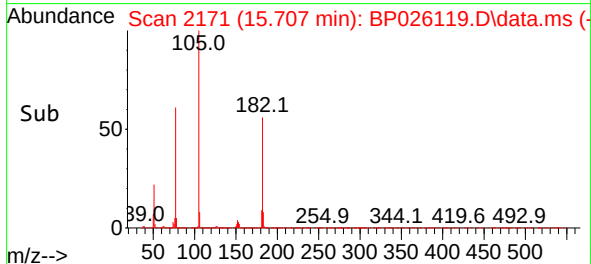
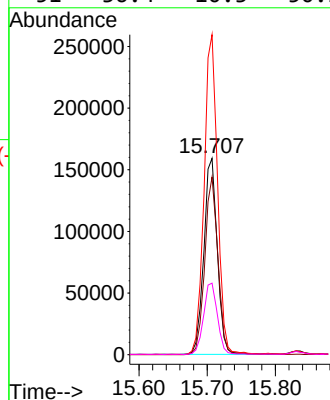
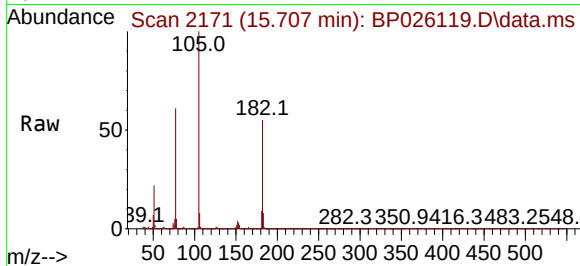




#63
Azobenzene
Concen: 4.749 ng
RT: 15.707 min Scan# 2166
Delta R.T. 0.018 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

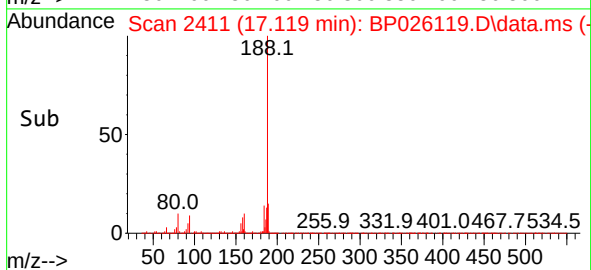
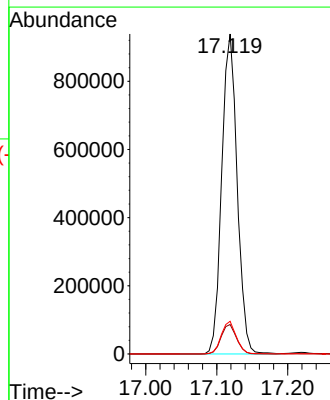
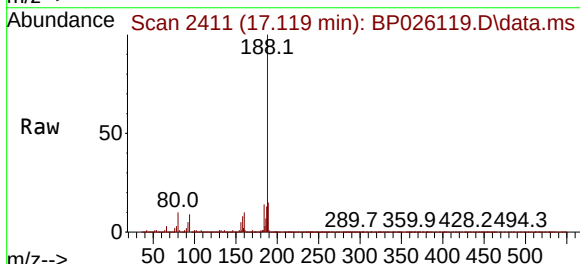
Instrument :
BNA_P
ClientSampleId :
TP-3

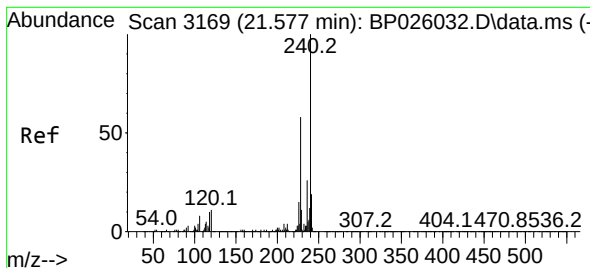
Tgt Ion: 77 Resp: 218961
Ion Ratio Lower Upper
77 100
182 90.4 6.4 46.4#
105 163.0 2.2 42.2#
51 36.4 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

Tgt Ion:188 Resp: 1409983
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 10.2 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3169

Delta R.T. 0.018 min

Lab File: BP026119.D

Acq: 12 Nov 2025 19:21

Instrument :

BNA_P

ClientSampleId :

TP-3

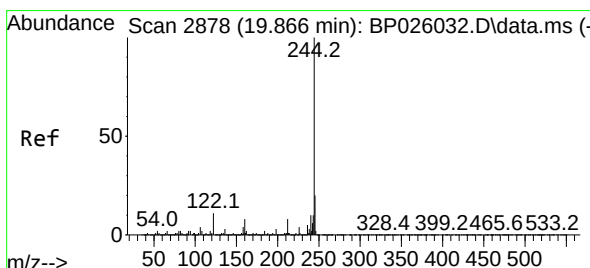
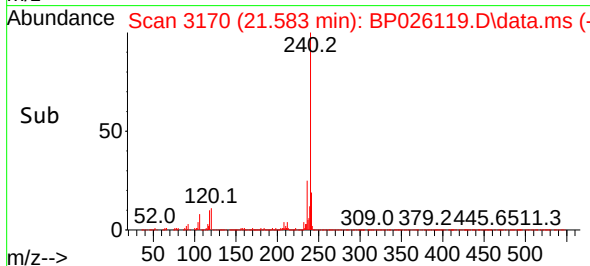
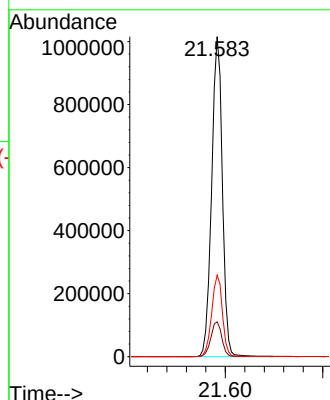
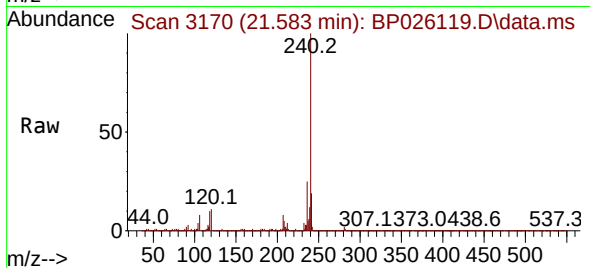
Tgt Ion:240 Resp: 1541508

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 25.5 20.6 31.0



#79

Terphenyl-d14

Concen: 60.673 ng

RT: 19.877 min Scan# 2880

Delta R.T. 0.012 min

Lab File: BP026119.D

Acq: 12 Nov 2025 19:21

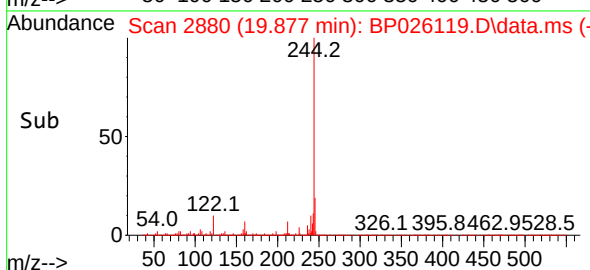
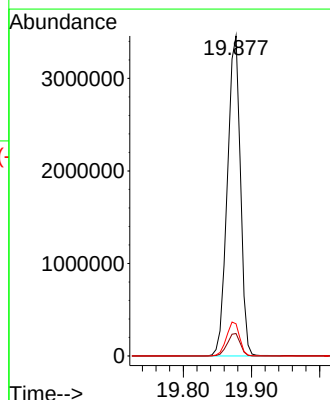
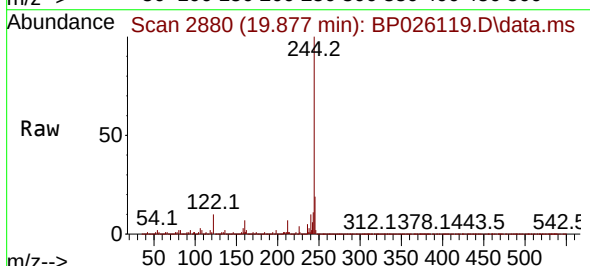
Tgt Ion:244 Resp: 4603449

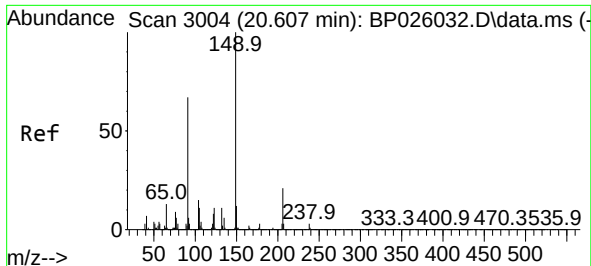
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 10.1 9.0 13.6

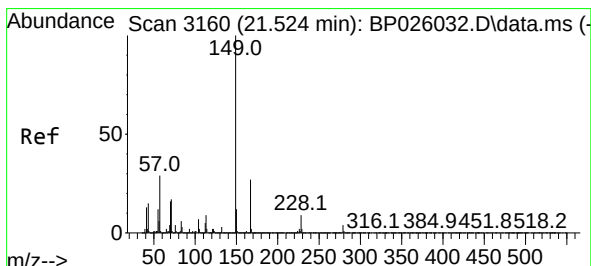
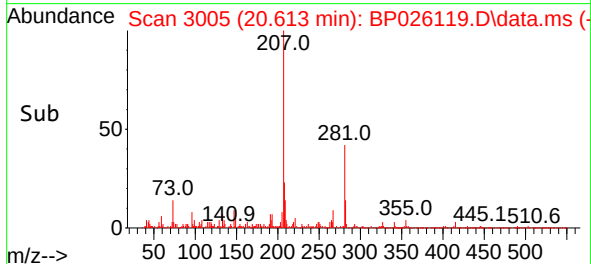
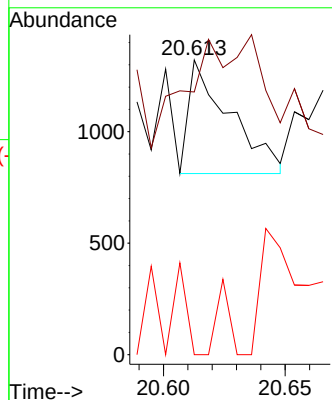
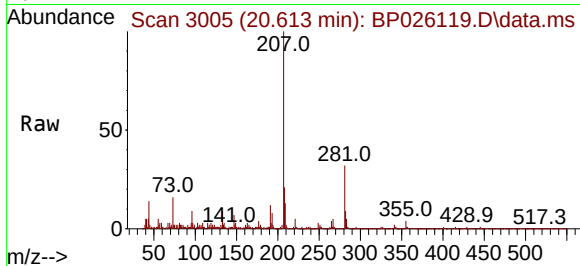




#80
Butylbenzylphthalate
Concen: 3.411 ng
RT: 20.613 min Scan# 3004
Delta R.T. 0.006 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

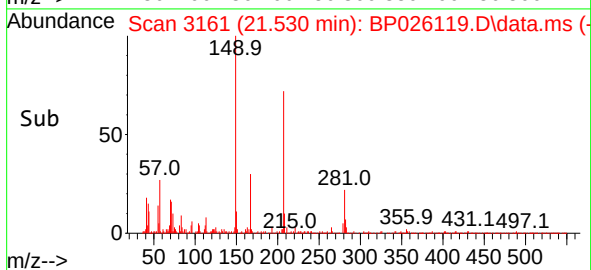
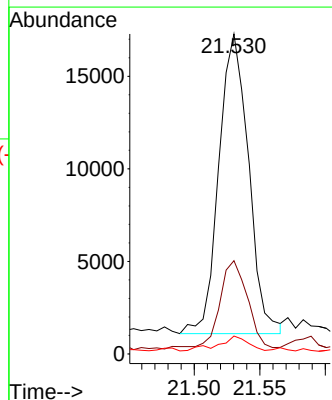
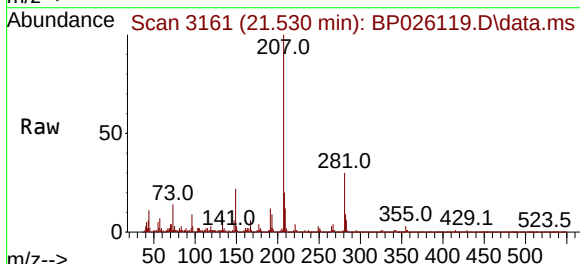
Instrument :
BNA_P
ClientSampleId :
TP-3

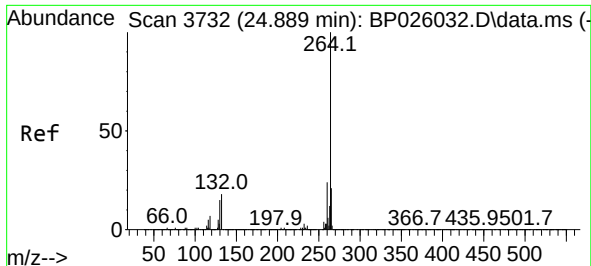
Tgt Ion:149 Resp: 601
Ion Ratio Lower Upper
149 100
91 89.1 53.5 80.3#
206 0.0 16.6 25.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.985 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP026119.D
Acq: 12 Nov 2025 19:21

Tgt Ion:149 Resp: 25482
Ion Ratio Lower Upper
149 100
167 29.2 21.5 32.3
279 5.6 3.0 4.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.912 min Scan# 31
 Delta R.T. 0.030 min
 Lab File: BP026119.D
 Acq: 12 Nov 2025 19:21

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Tgt Ion:264 Resp: 1739307
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.5 17.2 25.8

