

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026100.D
 Acq On : 11 Nov 2025 21:40
 Operator : RC/JU
 Sample : Q3583-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT27080

Quant Time: Nov 12 01:48:32 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)

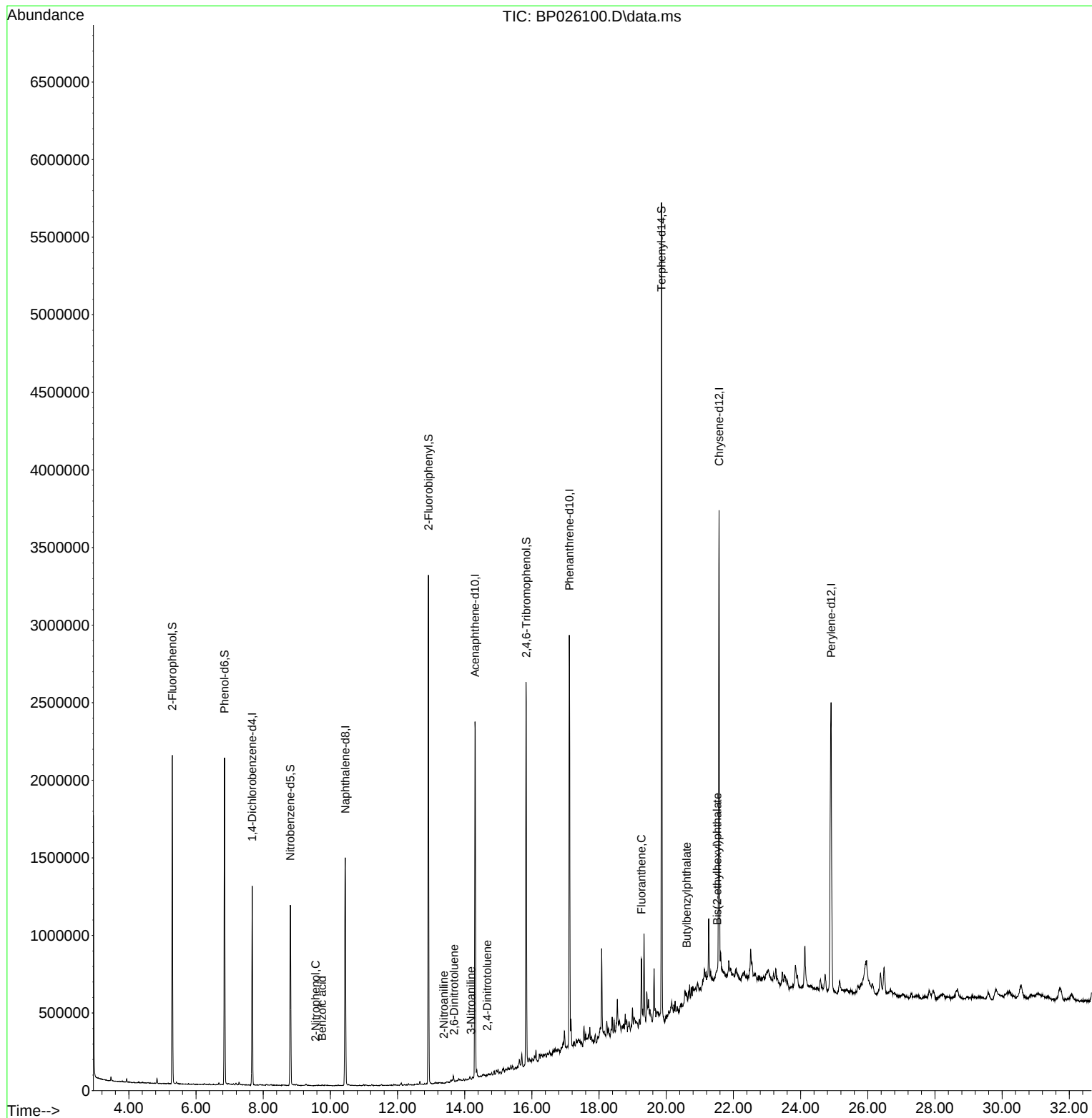
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	345280	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1380937	20.000	ng	-0.01
39) Acenaphthene-d10	14.307	164	889772	20.000	ng	-0.01
64) Phenanthrene-d10	17.113	188	1819435	20.000	ng	-0.01
76) Chrysene-d12	21.571	240	1881696	20.000	ng	0.00
86) Perylene-d12	24.907	264	2110946	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	963195	46.031	ng	0.00
7) Phenol-d6	6.849	99	1197566	44.965	ng	0.00
23) Nitrobenzene-d5	8.807	82	684161	30.885	ng	-0.02
42) 2,4,6-Tribromophenol	15.831	330	523823	54.455	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	1644347	26.555	ng	-0.01
79) Terphenyl-d14	19.860	244	2681499	28.952	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.560	139	85	2.687	ng	# 1
32) Benzoic acid	9.748	122	163	3.133	ng	# 48
48) 2-Nitroaniline	13.372	65	156	2.920	ng	# 49
51) 2,6-Dinitrotoluene	13.684	165	209	3.007	ng	94
53) 3-Nitroaniline	14.184	138	291	2.656	ng	# 49
57) 2,4-Dinitrotoluene	14.666	165	169	3.096	ng	# 68
75) Fluoranthene	19.260	202	263113	2.130	ng	98
80) Butylbenzylphthalate	20.607	149	1477	3.426	ng	# 37
84) Bis(2-ethylhexyl)phtha...	21.518	149	13920	2.771	ng	# 94

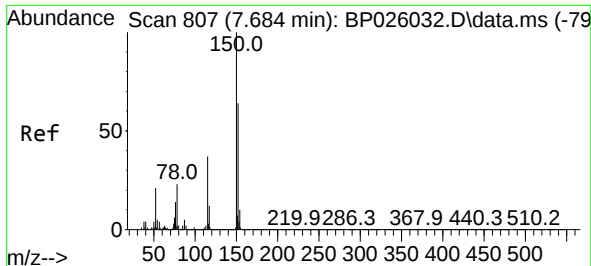
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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CHRT27080

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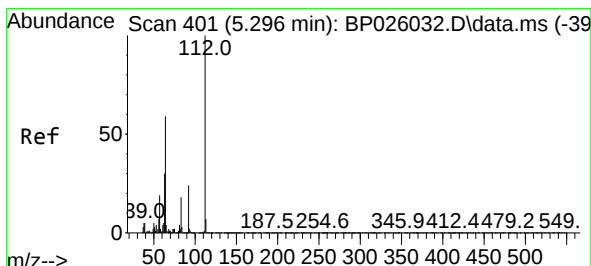
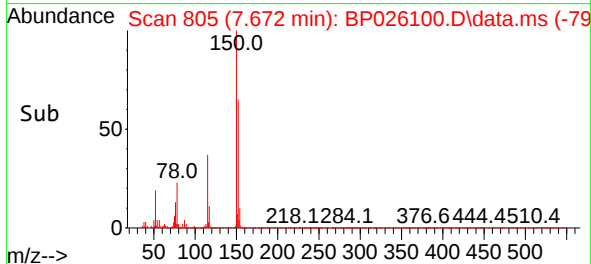
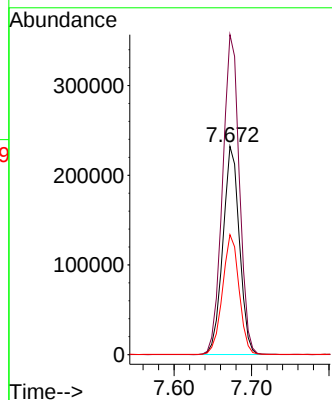
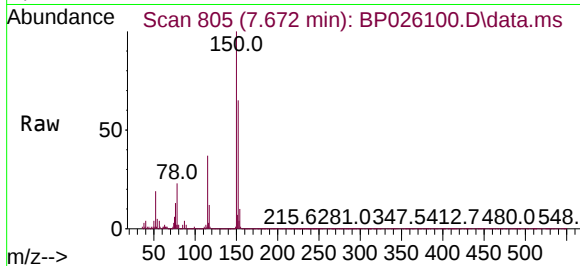




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 807
Delta R.T. -0.018 min
Lab File: BP026100.D
Acq: 11 Nov 2025 21:40

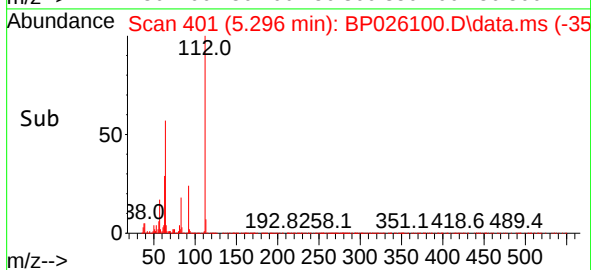
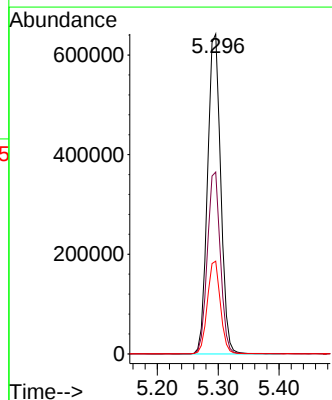
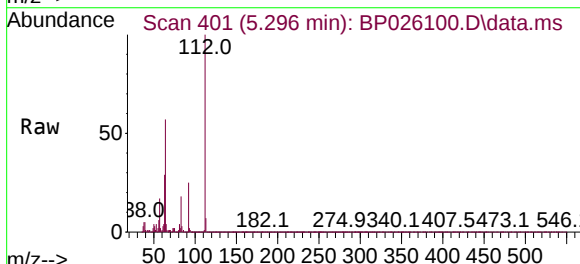
Instrument :
BNA_P
ClientSampleId :
CHRT27080

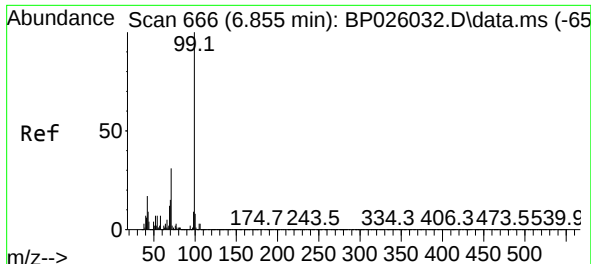
Tgt Ion:152 Resp: 345280
Ion Ratio Lower Upper
152 100
150 153.7 125.7 188.5
115 57.6 46.4 69.6



#5
2-Fluorophenol
Concen: 46.031 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026100.D
Acq: 11 Nov 2025 21:40

Tgt Ion:112 Resp: 963195
Ion Ratio Lower Upper
112 100
64 56.8 47.4 71.2
63 29.0 24.2 36.4

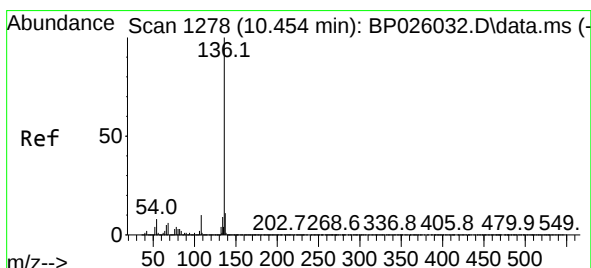
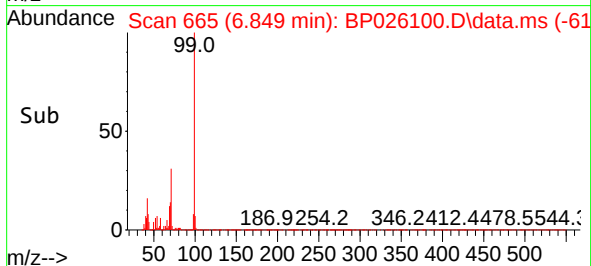
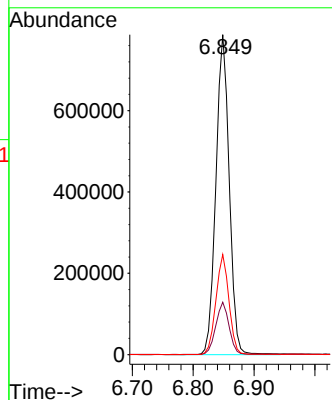
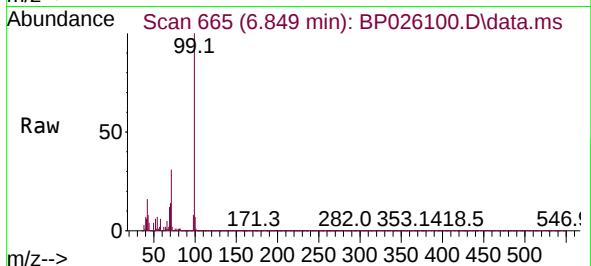




#7
Phenol-d6
Concen: 44.965 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026100.D
Acq: 11 Nov 2025 21:40

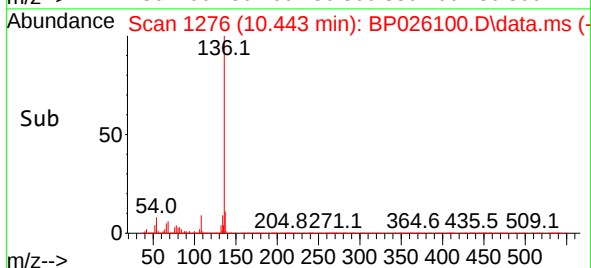
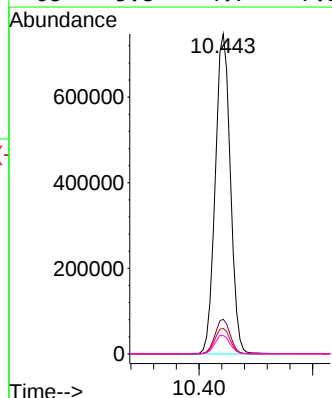
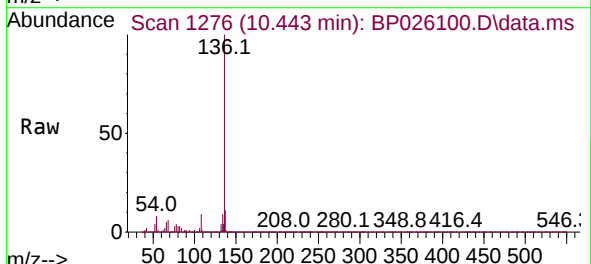
Instrument :
BNA_P
ClientSampleId :
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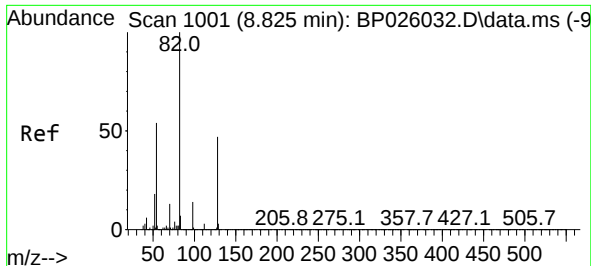
Tgt Ion: 99 Resp: 1197566
Ion Ratio Lower Upper
99 100
42 16.4 13.7 20.5
71 31.3 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026100.D
Acq: 11 Nov 2025 21:40

Tgt Ion:136 Resp: 1380937
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.0 6.6 10.0
68 5.8 4.7 7.1

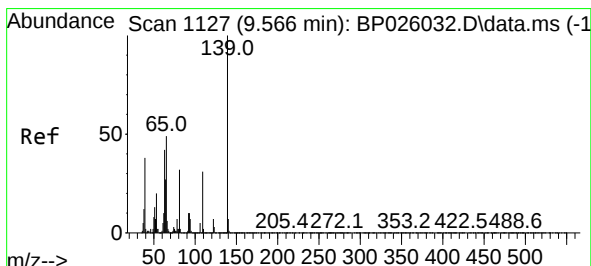
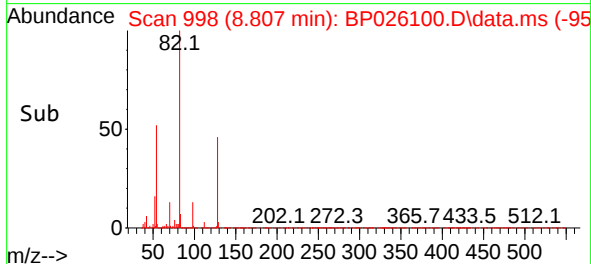
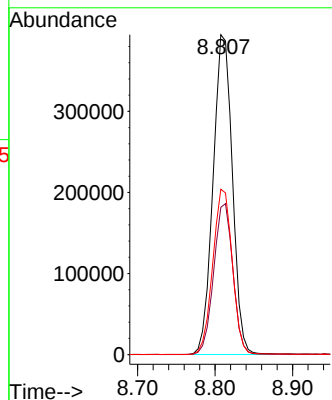
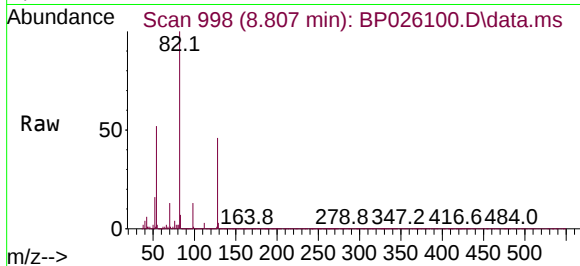




#23
Nitrobenzene-d5
Concen: 30.885 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.018 min
Lab File: BP026100.D
Acq: 11 Nov 2025 21:40

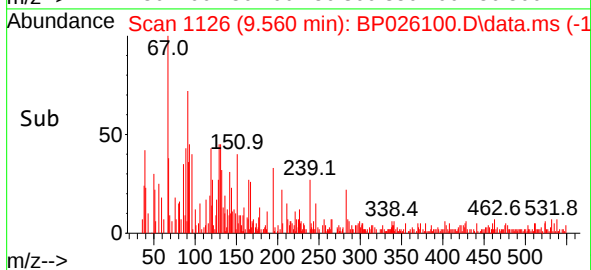
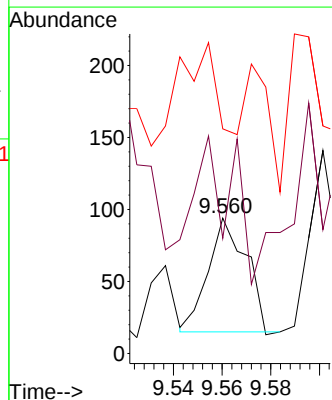
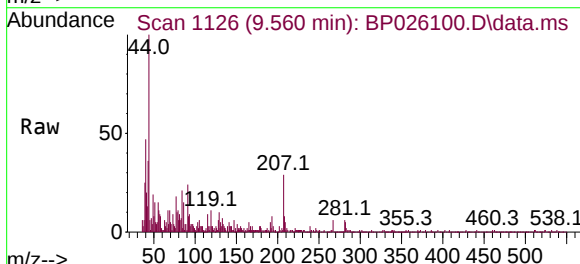
Instrument :
BNA_P
ClientSampleId :
CHRT27080

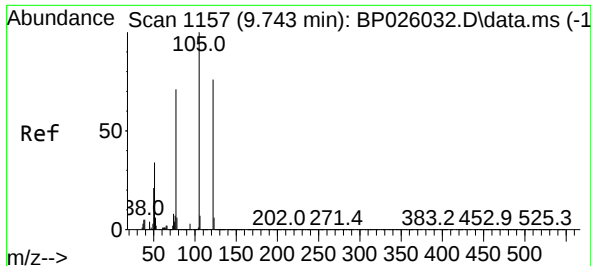
Tgt Ion: 82 Resp: 684161
Ion Ratio Lower Upper
82 100
128 46.0 37.4 56.0
54 51.7 42.7 64.1



#26
2-Nitrophenol
Concen: 2.687 ng
RT: 9.560 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BP026100.D
Acq: 11 Nov 2025 21:40

Tgt Ion: 139 Resp: 85
Ion Ratio Lower Upper
139 100
109 85.1 24.8 37.2#
65 166.0 39.0 58.4#

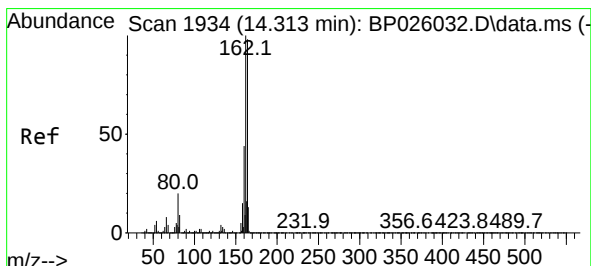
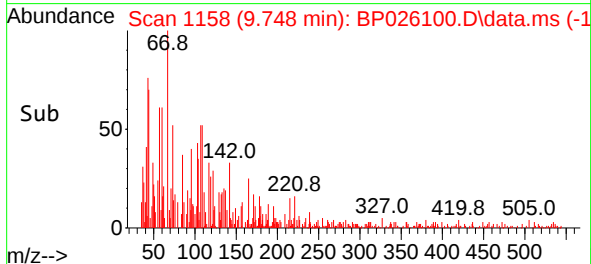
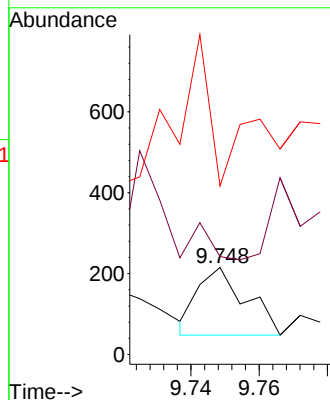
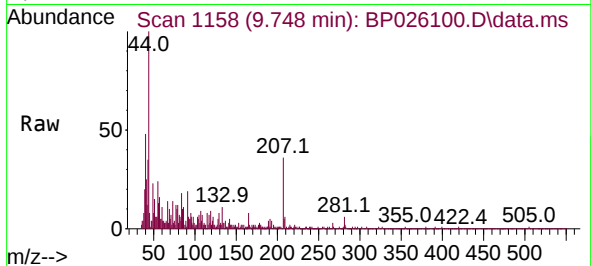




#32
Benzoic acid
Concen: 3.133 ng
RT: 9.748 min Scan# 1157
Delta R.T. -0.030 min
Lab File: BP026100.D
Acq: 11 Nov 2025 21:40

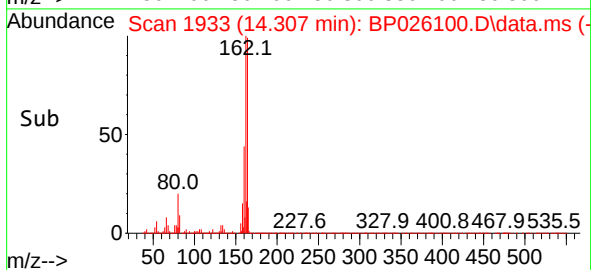
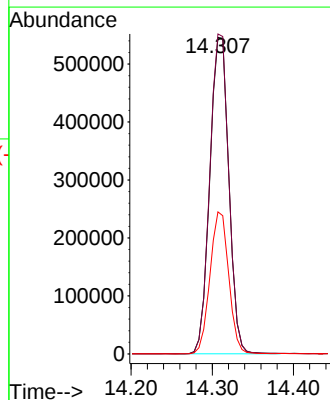
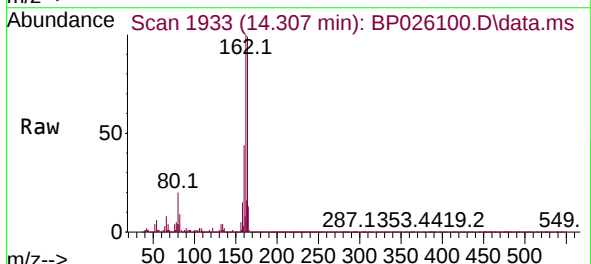
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ClientSampleId :
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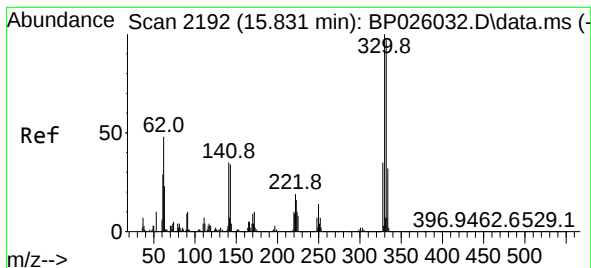
Tgt Ion:122 Resp: 163
Ion Ratio Lower Upper
122 100
105 112.6 104.8 144.8
77 194.0 70.9 110.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026100.D
Acq: 11 Nov 2025 21:40

Tgt Ion:164 Resp: 889772
Ion Ratio Lower Upper
164 100
162 101.1 81.5 122.3
160 44.9 36.2 54.4

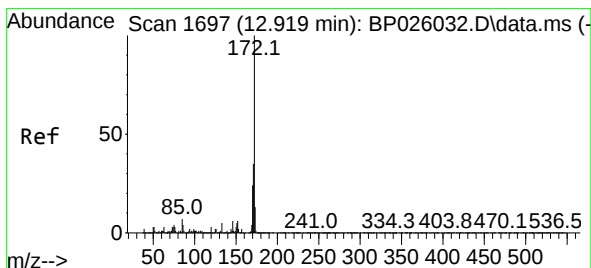
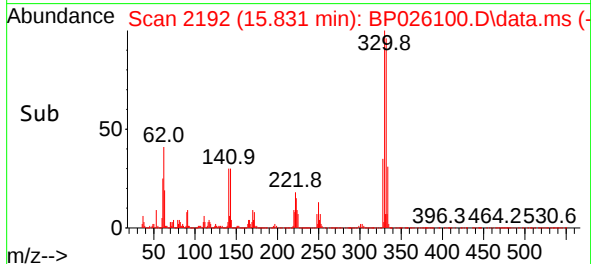
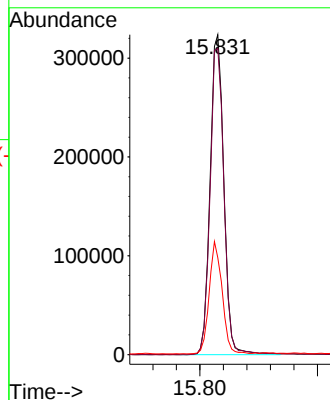
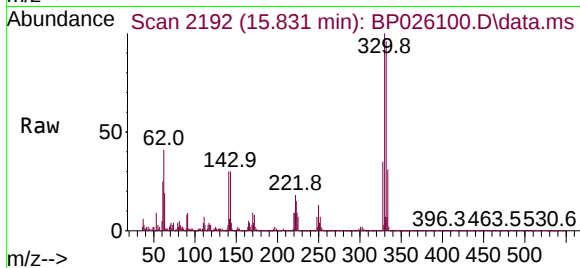




#42
2,4,6-Tribromophenol
Concen: 54.455 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026100.D
Acq: 11 Nov 2025 21:40

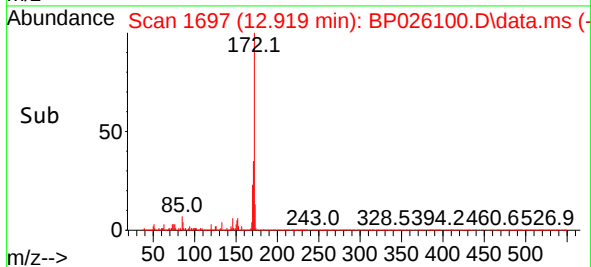
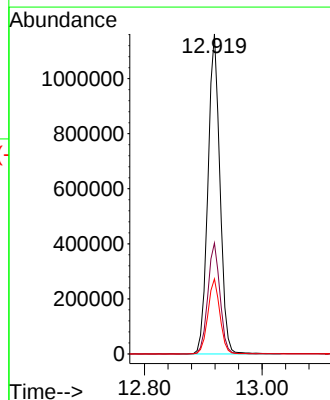
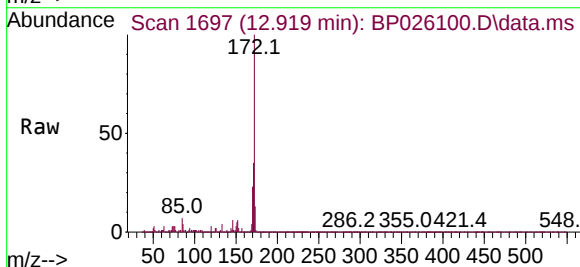
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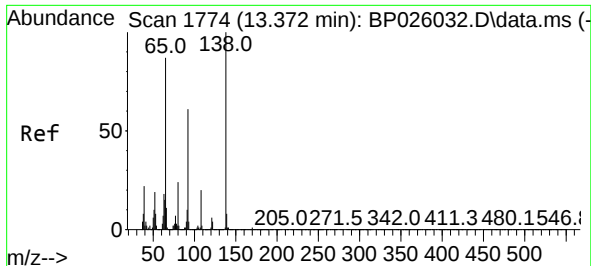
Tgt Ion: 330 Resp: 523823
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 33.3 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 26.555 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026100.D
Acq: 11 Nov 2025 21:40

Tgt Ion: 172 Resp: 1644347
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.4 19.0 28.4

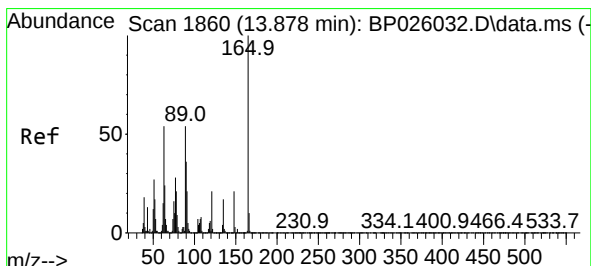
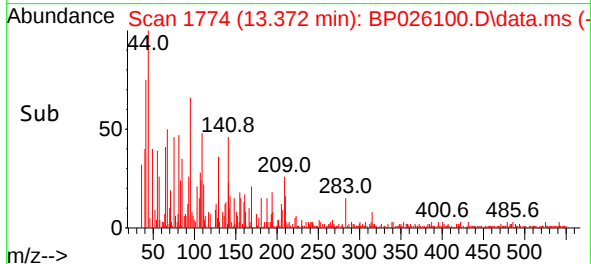
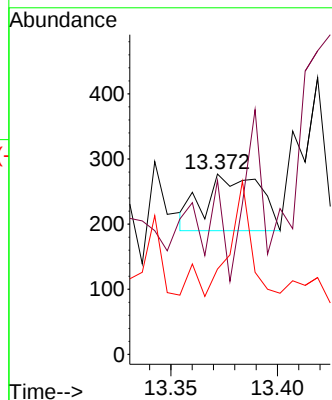
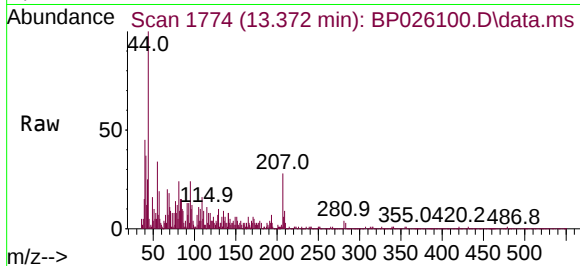




#48
2-Nitroaniline
Concen: 2.920 ng
RT: 13.372 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026100.D
Acq: 11 Nov 2025 21:40

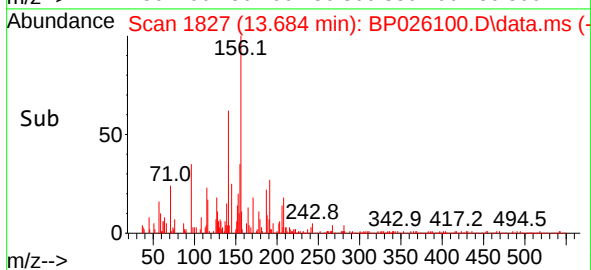
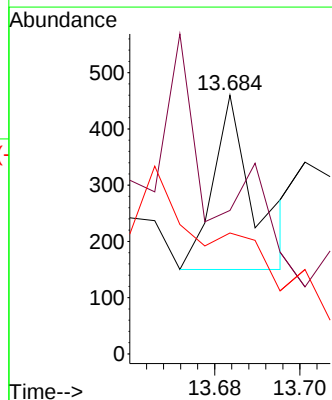
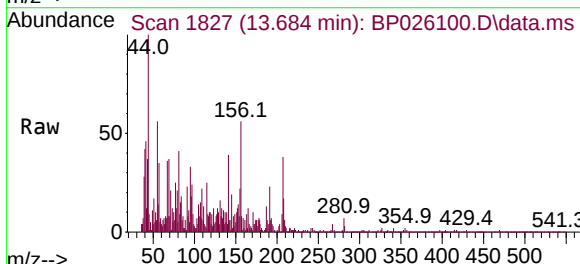
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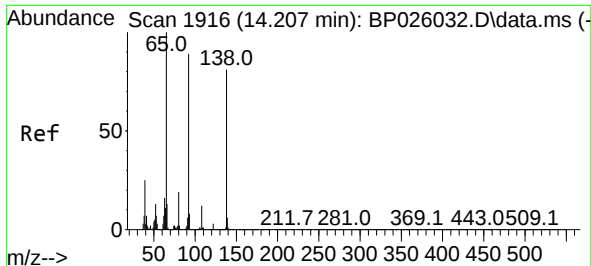
Tgt Ion: 65 Resp: 156
Ion Ratio Lower Upper
65 100
92 96.4 55.5 83.3#
138 47.3 91.7 137.5#



#51
2,6-Dinitrotoluene
Concen: 3.007 ng
RT: 13.684 min Scan# 1827
Delta R.T. -0.194 min
Lab File: BP026100.D
Acq: 11 Nov 2025 21:40

Tgt Ion: 165 Resp: 209
Ion Ratio Lower Upper
165 100
63 55.4 43.0 64.4
89 46.7 43.0 64.4

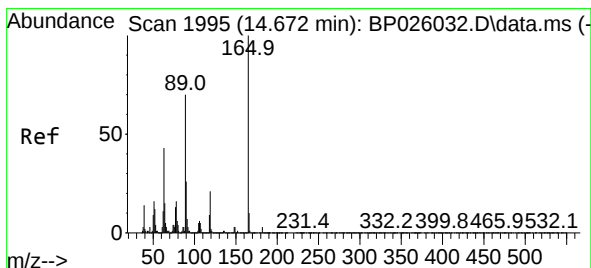
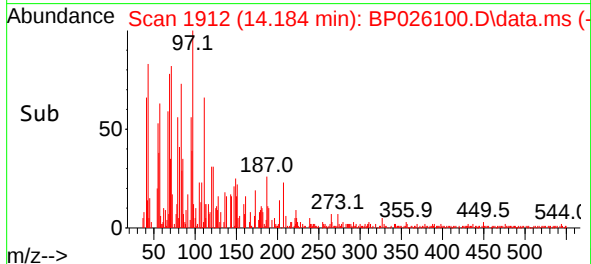
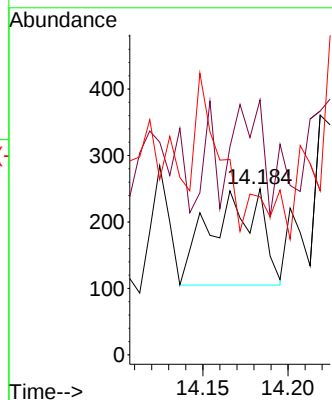
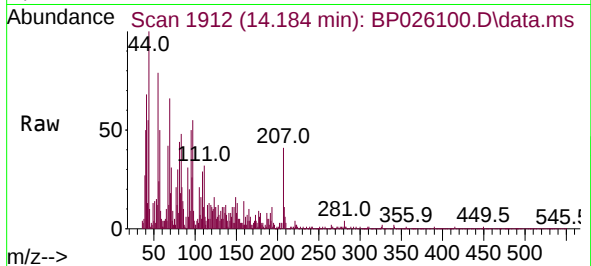




#53
3-Nitroaniline
Concen: 2.656 ng
RT: 14.184 min Scan# 1916
Delta R.T. -0.023 min
Lab File: BP026100.D
Acq: 11 Nov 2025 21:40

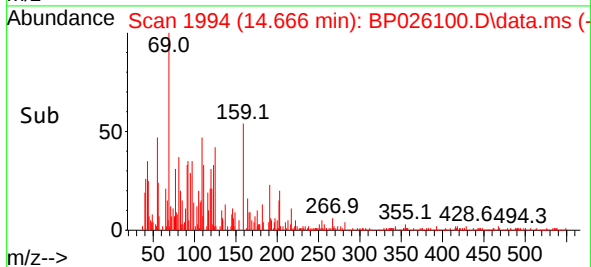
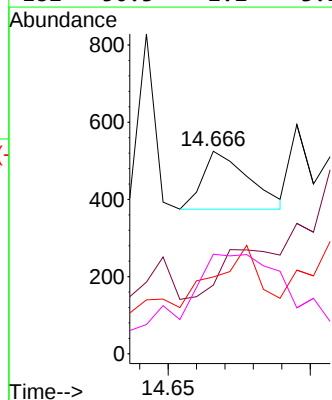
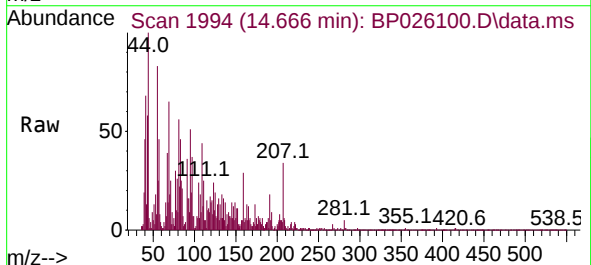
Instrument :
BNA_P
ClientSampleId :
CHRT27080

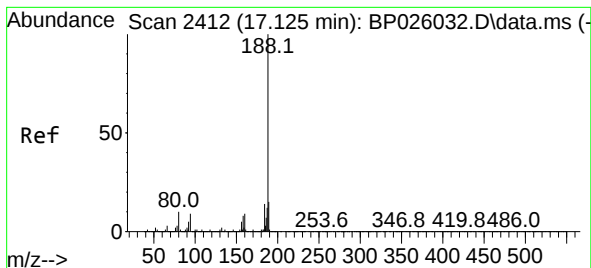
Tgt Ion:138 Resp: 291
Ion Ratio Lower Upper
138 100
108 153.6 11.4 17.0#
92 95.2 87.1 130.7



#57
2,4-Dinitrotoluene
Concen: 3.096 ng
RT: 14.666 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BP026100.D
Acq: 11 Nov 2025 21:40

Tgt Ion:165 Resp: 169
Ion Ratio Lower Upper
165 100
63 33.9 34.2 51.2#
89 37.9 56.0 84.0#
182 50.3 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.113 min Scan# 2412

Delta R.T. -0.012 min

Lab File: BP026100.D

Acq: 11 Nov 2025 21:40

Instrument :

BNA_P

ClientSampleId :

CHRT27080

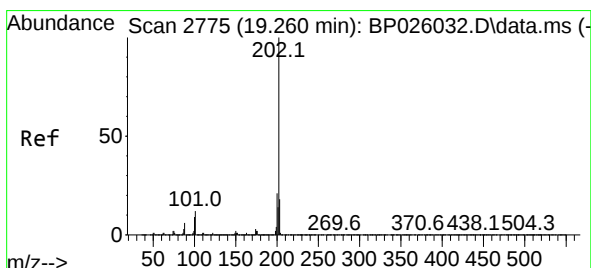
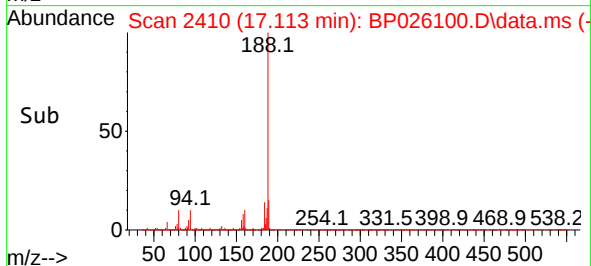
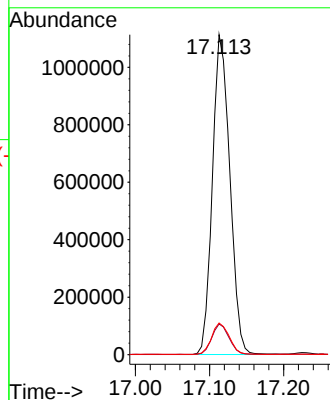
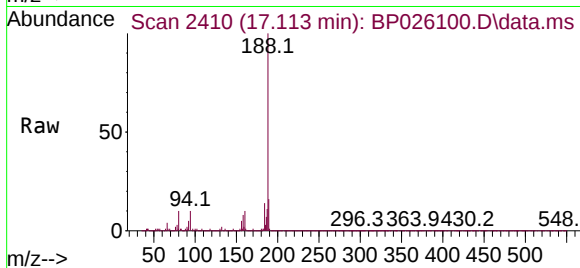
Tgt Ion:188 Resp: 1819435

Ion Ratio Lower Upper

188 100

94 9.6 7.1 10.7

80 9.9 7.9 11.9



#75

Fluoranthene

Concen: 2.130 ng

RT: 19.260 min Scan# 2775

Delta R.T. -0.000 min

Lab File: BP026100.D

Acq: 11 Nov 2025 21:40

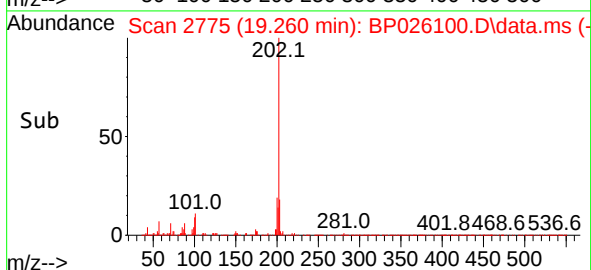
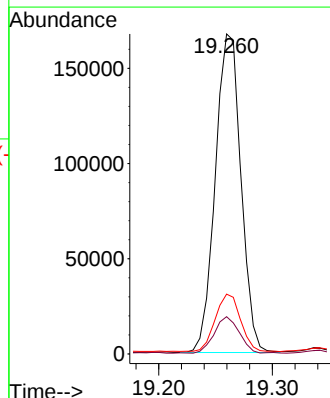
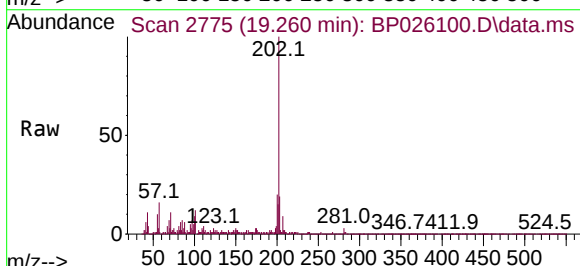
Tgt Ion:202 Resp: 263113

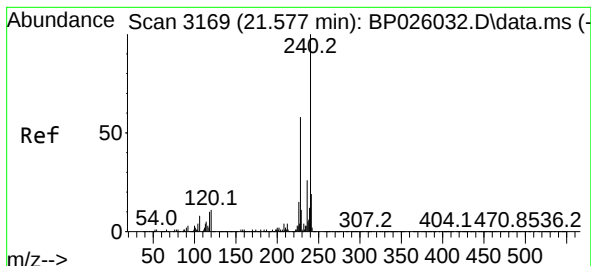
Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.1

203 18.7 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.571 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP026100.D

Acq: 11 Nov 2025 21:40

Instrument :

BNA_P

ClientSampleId :

CHRT27080

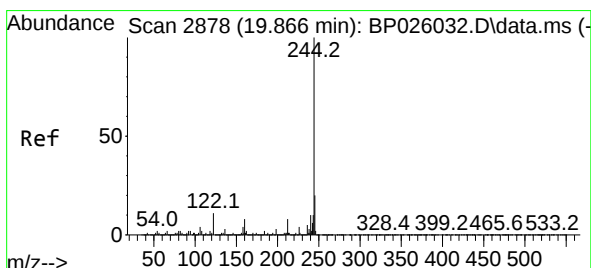
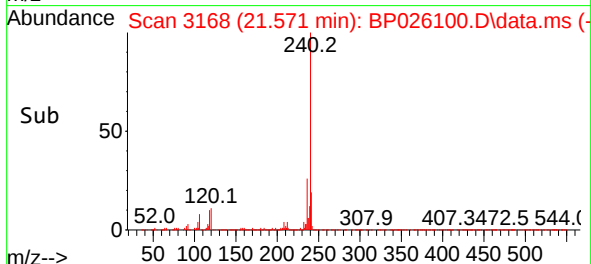
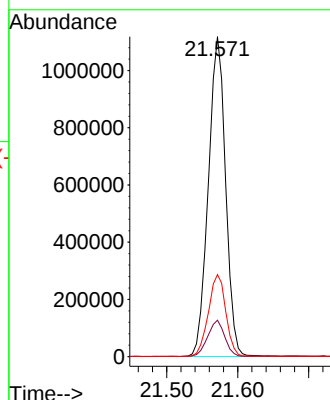
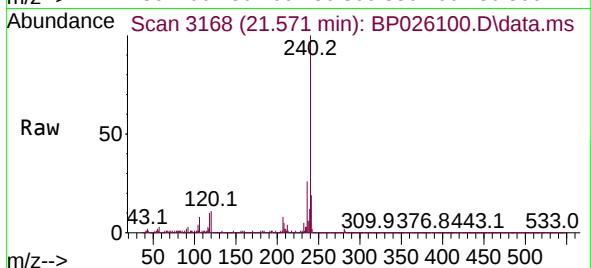
Tgt Ion:240 Resp: 1881696

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 25.6 20.6 31.0



#79

Terphenyl-d14

Concen: 28.952 ng

RT: 19.860 min Scan# 2877

Delta R.T. -0.006 min

Lab File: BP026100.D

Acq: 11 Nov 2025 21:40

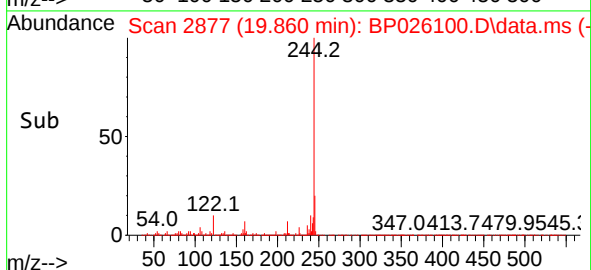
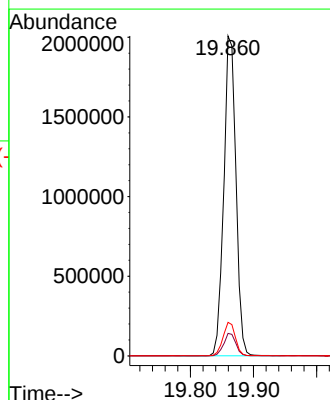
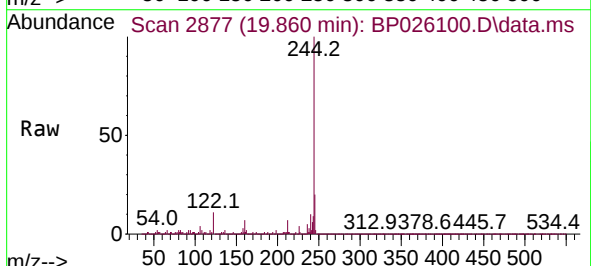
Tgt Ion:244 Resp: 2681499

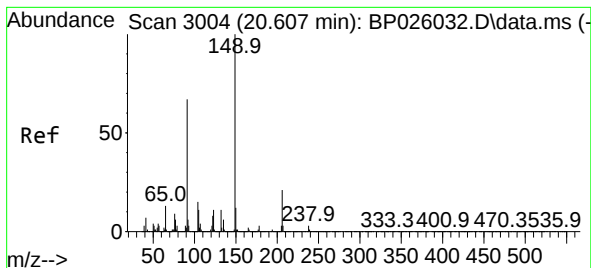
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 10.5 9.0 13.6





#80

Butylbenzylphthalate

Concen: 3.426 ng

RT: 20.607 min Scan# 3004

Delta R.T. -0.000 min

Lab File: BP026100.D

Acq: 11 Nov 2025 21:40

Instrument :

BNA_P

ClientSampleId :

CHRT27080

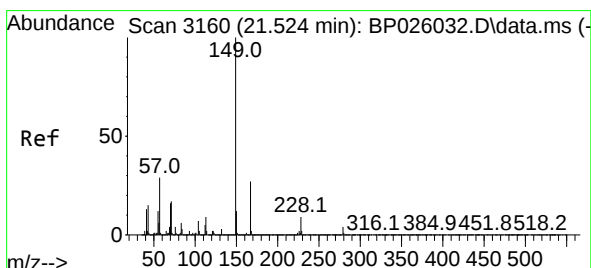
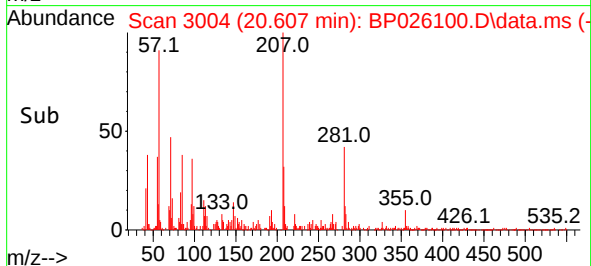
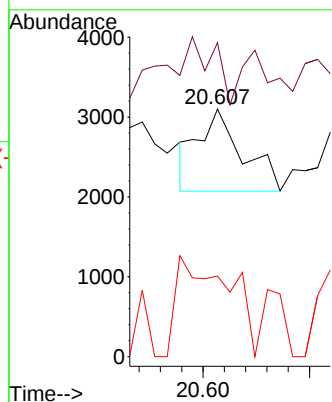
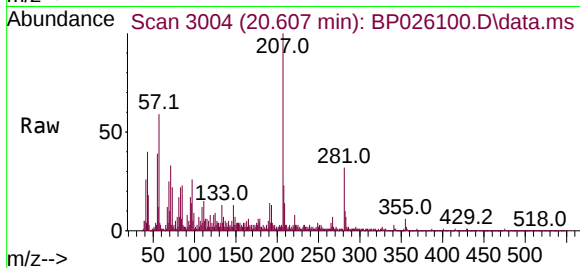
Tgt Ion:149 Resp: 1477

Ion Ratio Lower Upper

149 100

91 126.8 53.5 80.3#

206 32.6 16.6 25.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.771 ng

RT: 21.518 min Scan# 3159

Delta R.T. 0.000 min

Lab File: BP026100.D

Acq: 11 Nov 2025 21:40

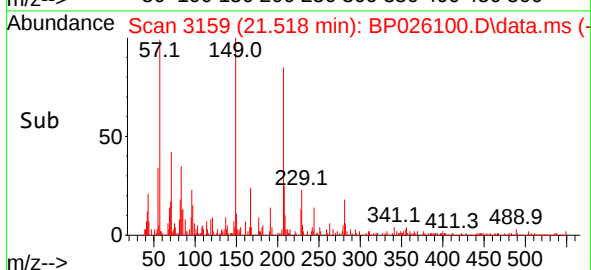
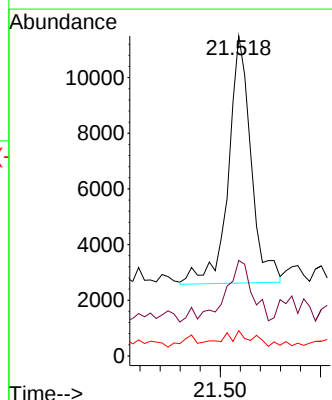
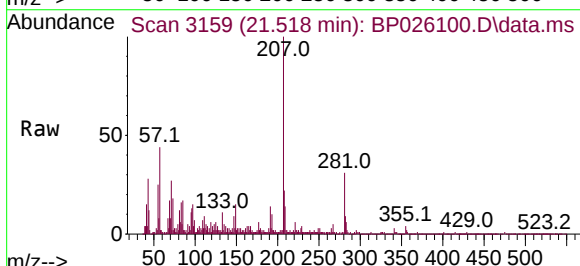
Tgt Ion:149 Resp: 13920

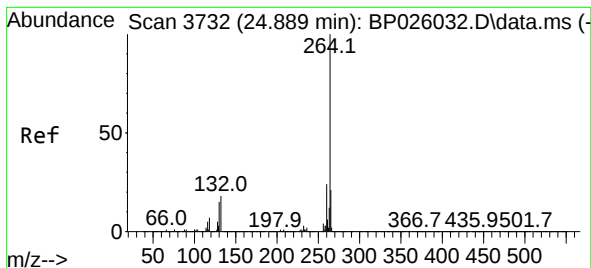
Ion Ratio Lower Upper

149 100

167 29.8 21.5 32.3

279 7.9 3.0 4.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.907 min Scan# 31

Delta R.T. 0.024 min

Lab File: BP026100.D

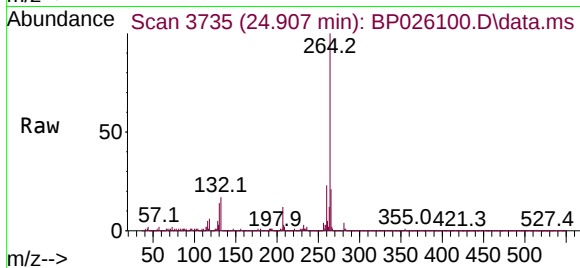
Acq: 11 Nov 2025 21:40

Instrument :

BNA_P

ClientSampleId :

CHRT27080



Tgt Ion:264 Resp: 2110946

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.3 17.2 25.8

