

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
 Data File : BP026301.D
 Acq On : 11 Dec 2025 20:41
 Operator : RC/JU
 Sample : Q3834-29
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B127(5.5-8)120925

Quant Time: Dec 11 23:42:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

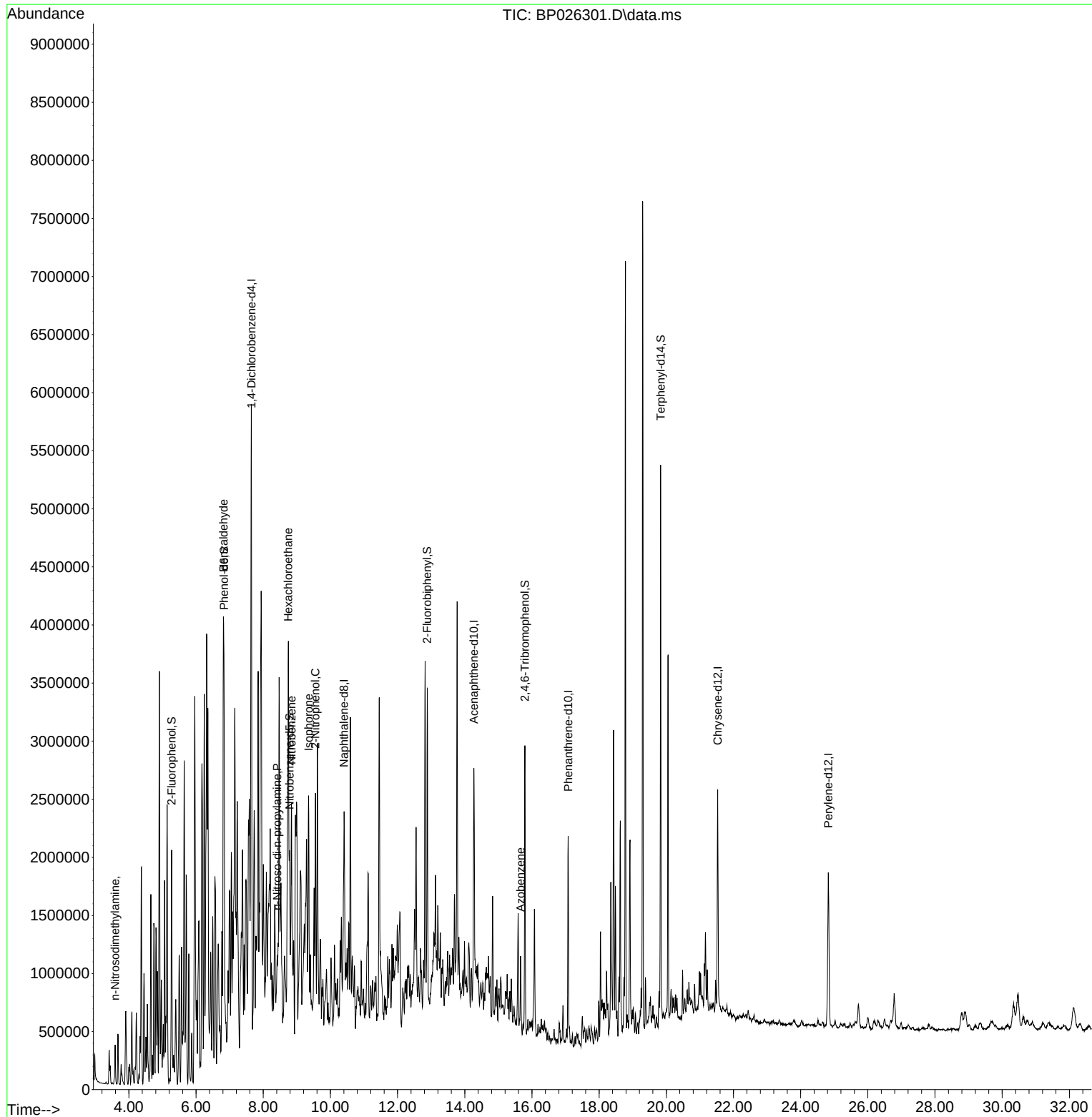
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	211118	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	836754	20.000	ng	#-0.01
39) Acenaphthene-d10	14.272	164	544006	20.000	ng	-0.02
64) Phenanthrene-d10	17.078	188	1093121	20.000	ng	-0.02
76) Chrysene-d12	21.530	240	1247446	20.000	ng	0.00
86) Perylene-d12	24.824	264	1484631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.272	112	830552	63.247	ng	0.00
7) Phenol-d6	6.831	99	965993	58.277	ng	0.00
23) Nitrobenzene-d5	8.784	82	583054	39.662	ng	0.00
42) 2,4,6-Tribromophenol	15.789	330	452404	63.947	ng	-0.02
45) 2-Fluorobiphenyl	12.884	172	1360490	36.360	ng	-0.02
79) Terphenyl-d14	19.830	244	2170533	35.564	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.590	42	27830	4.866	ng	# 1
9) Benzaldehyde	6.813	77	48298	5.405	ng	# 21
18) Hexachloroethane	8.743	117	78434	13.270	ng	# 1
19) n-Nitroso-di-n-propyla...	8.413	70	38370	3.755	ng	# 75
24) Nitrobenzene	8.843	77	38542	2.594	ng	# 53
25) Isophorone	9.349	82	183272	6.355	ng	# 1
26) 2-Nitrophenol	9.554	139	15827	2.107	ng	# 1
63) Azobenzene	15.660	77	135289	3.957	ng	# 1

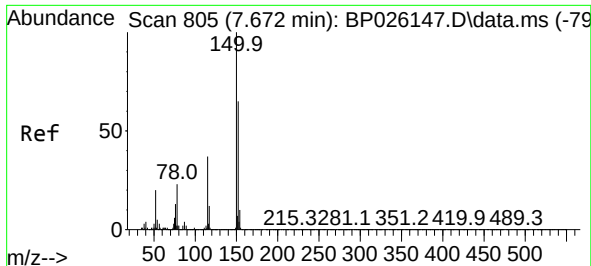
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
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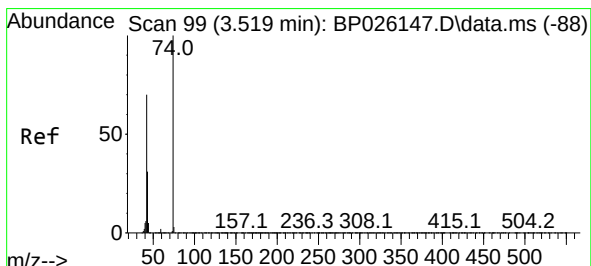
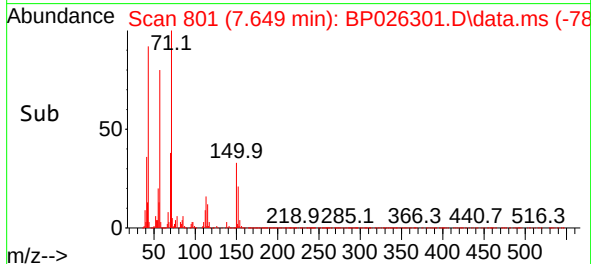
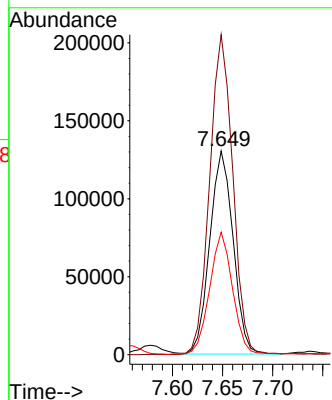
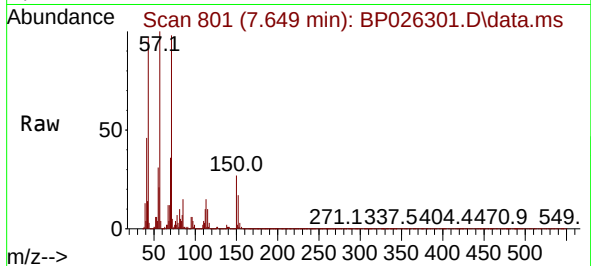




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.649 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP026301.D
 Acq: 11 Dec 2025 20:41

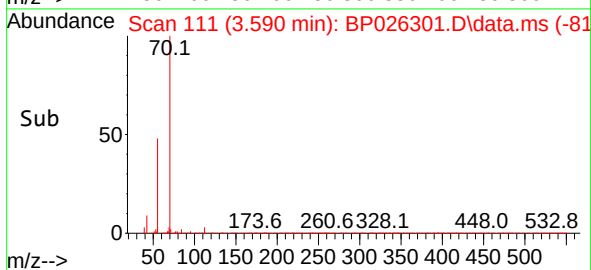
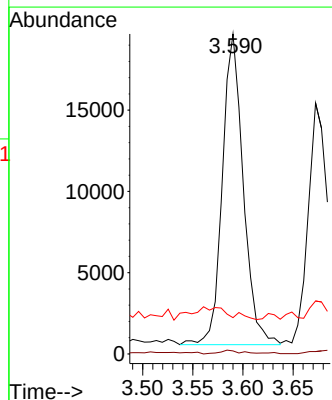
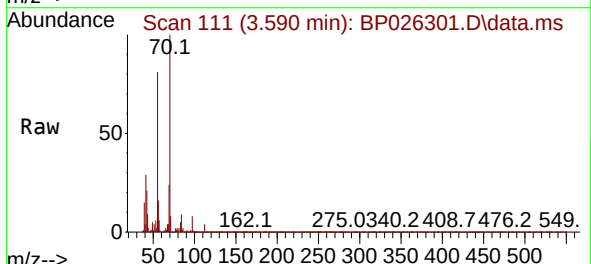
Instrument :
 BNA_P
 ClientSampleId :
 B127(5.5-8)120925

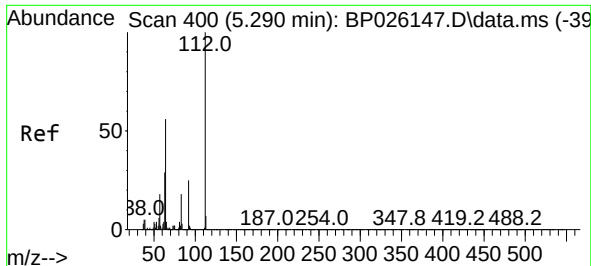
Tgt Ion:152 Resp: 211118
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.0 184.6
 115 60.2 46.3 69.5



#4
 n-Nitrosodimethylamine
 Concen: 4.866 ng
 RT: 3.590 min Scan# 111
 Delta R.T. 0.076 min
 Lab File: BP026301.D
 Acq: 11 Dec 2025 20:41

Tgt Ion: 42 Resp: 27830
 Ion Ratio Lower Upper
 42 100
 74 1.0 118.1 177.1#
 44 11.4 6.2 9.4#

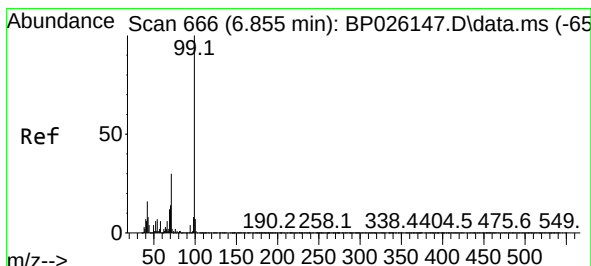
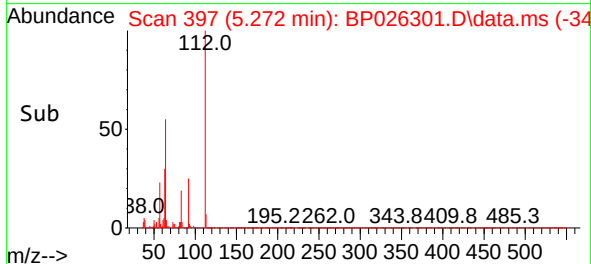
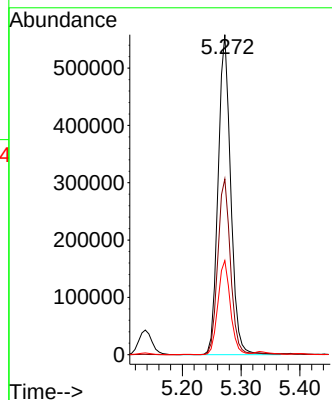
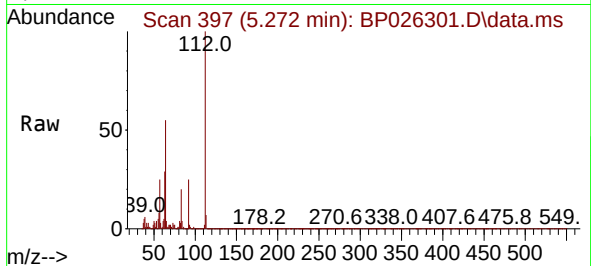




#5
2-Fluorophenol
Concen: 63.247 ng
RT: 5.272 min Scan# 397
Delta R.T. -0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

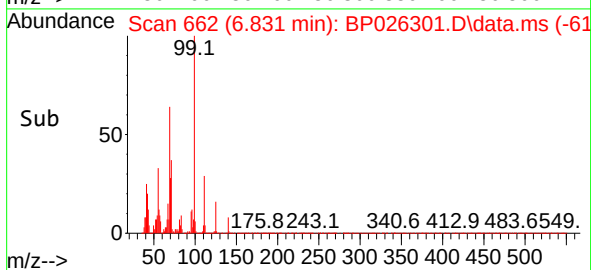
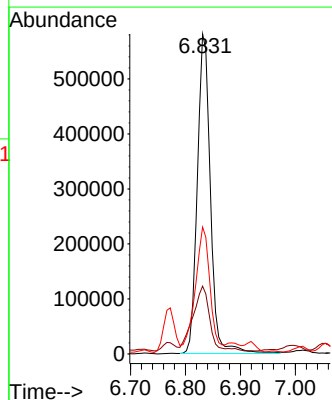
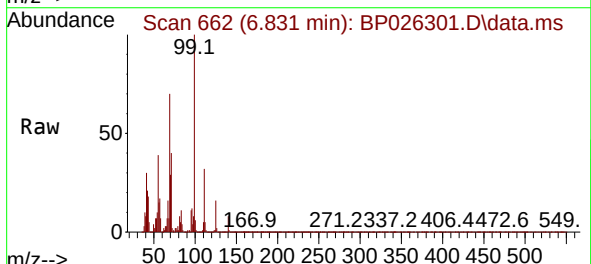
Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

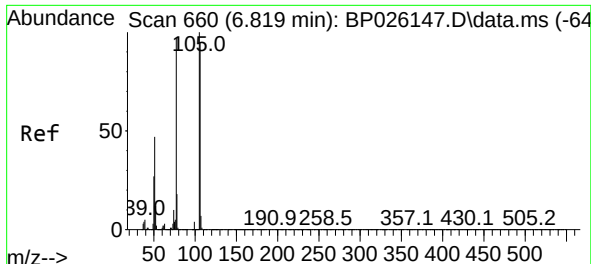
Tgt Ion:112 Resp: 830552
Ion Ratio Lower Upper
112 100
64 54.9 45.8 68.6
63 29.4 23.5 35.3



#7
Phenol-d6
Concen: 58.277 ng
RT: 6.831 min Scan# 662
Delta R.T. -0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Tgt Ion: 99 Resp: 965993
Ion Ratio Lower Upper
99 100
42 21.2 12.9 19.3#
71 39.7 24.8 37.2#

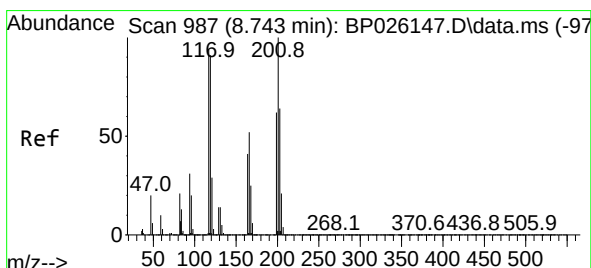
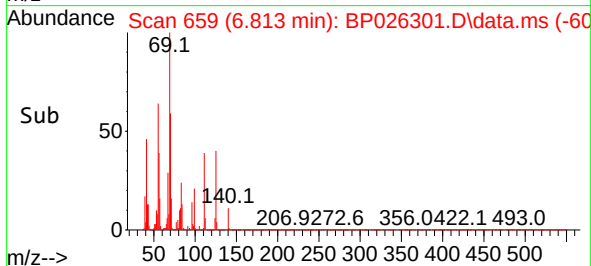
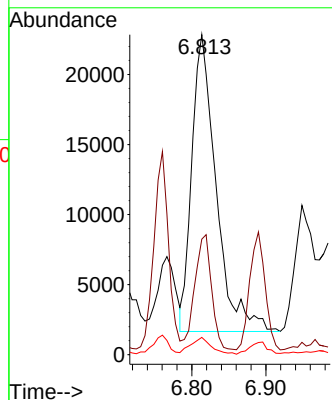
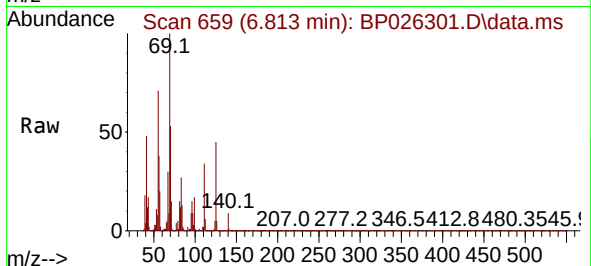




#9
Benzaldehyde
Concen: 5.405 ng
RT: 6.813 min Scan# 611
Delta R.T. 0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

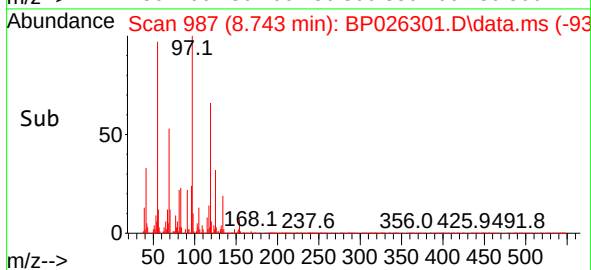
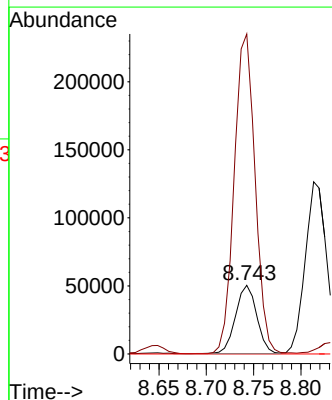
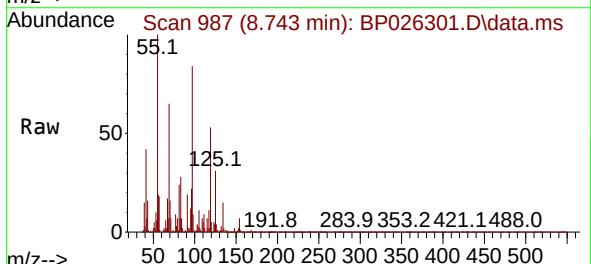
Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

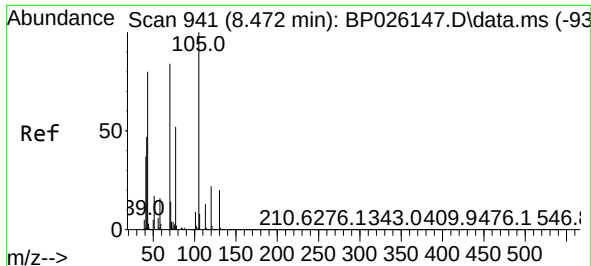
Tgt Ion: 77 Resp: 48298
Ion Ratio Lower Upper
77 100
105 36.1 82.9 122.9#
106 5.4 77.8 117.8#



#18
Hexachloroethane
Concen: 13.270 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.017 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

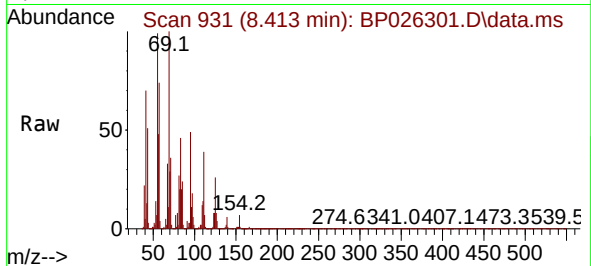
Tgt Ion: 117 Resp: 78434
Ion Ratio Lower Upper
117 100
119 465.7 78.7 118.1#
201 0.0 85.1 127.7#



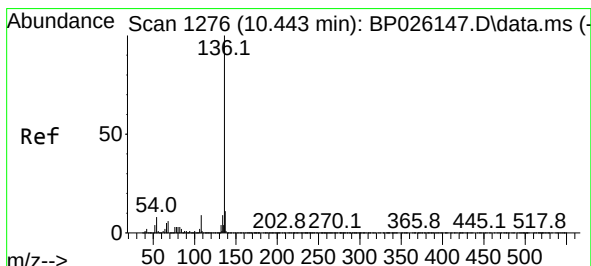
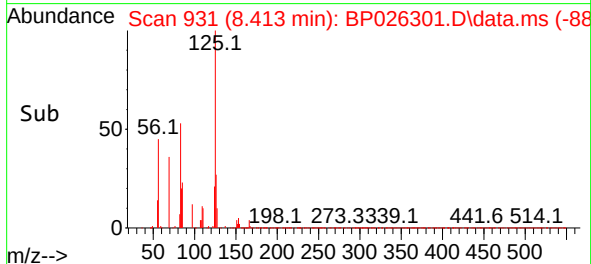
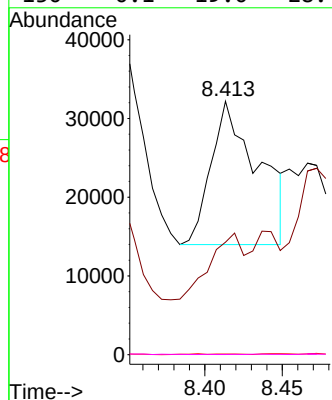


#19
n-Nitroso-di-n-propylamine
Concen: 3.755 ng
RT: 8.413 min Scan# 91
Delta R.T. -0.041 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

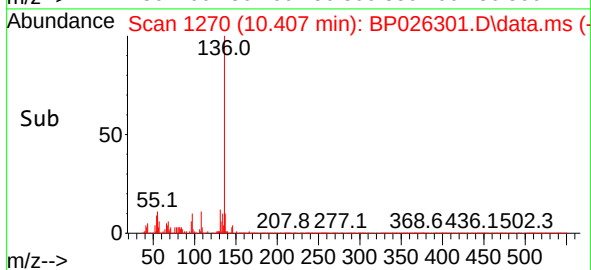
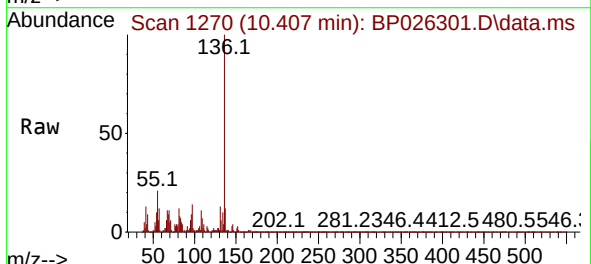
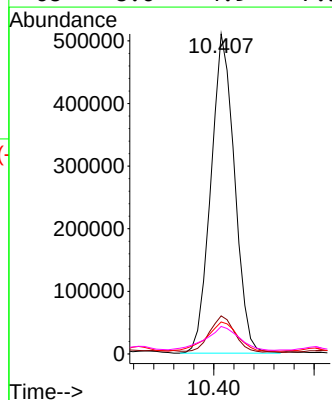


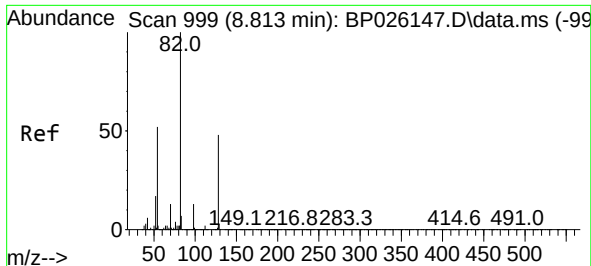
Tgt Ion: 70 Resp: 38370
Ion Ratio Lower Upper
70 100
42 44.4 44.1 66.1
101 0.3 8.2 12.4#
130 0.1 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Tgt Ion: 136 Resp: 836754
Ion Ratio Lower Upper
136 100
137 11.9 8.7 13.1
54 10.0 6.4 9.6#
68 8.6 4.9 7.3#

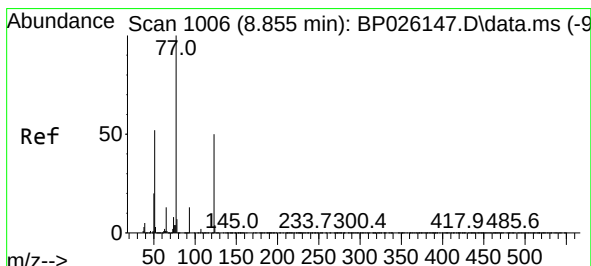
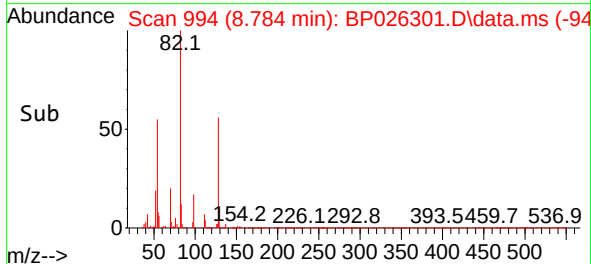
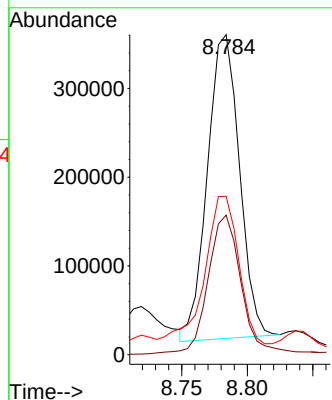
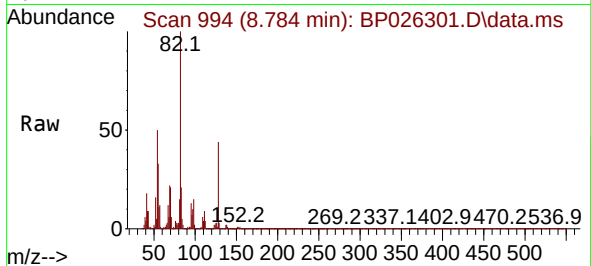




#23
Nitrobenzene-d5
Concen: 39.662 ng
RT: 8.784 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

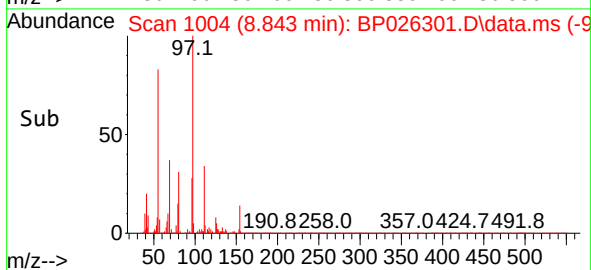
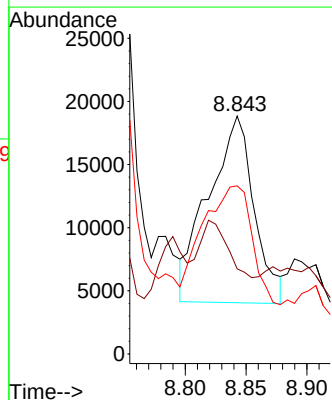
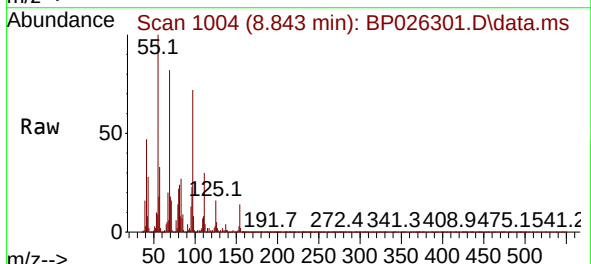
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B127(5.5-8)120925

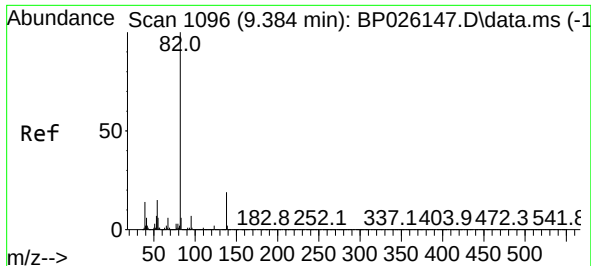
Tgt Ion: 82 Resp: 583054
Ion Ratio Lower Upper
82 100
128 43.6 37.4 56.0
54 49.5 41.6 62.4



#24
Nitrobenzene
Concen: 2.594 ng
RT: 8.843 min Scan# 1004
Delta R.T. 0.012 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Tgt Ion: 77 Resp: 38542
Ion Ratio Lower Upper
77 100
123 35.8 39.8 59.8#
65 70.7 11.2 16.8#

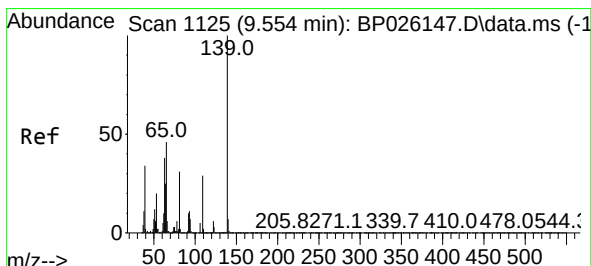
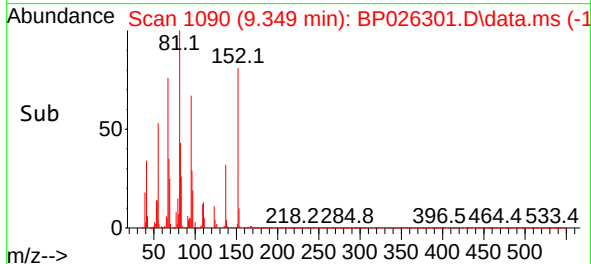
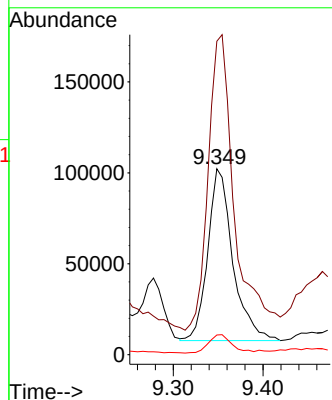
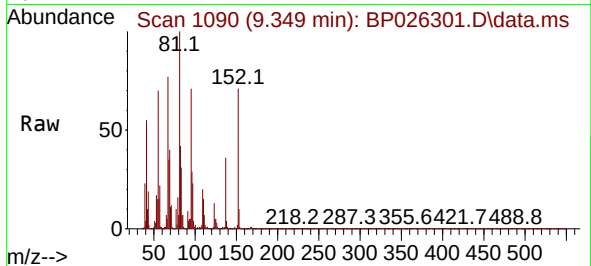




#25
Isophorone
Concen: 6.355 ng
RT: 9.349 min Scan# 1096
Delta R.T. -0.012 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

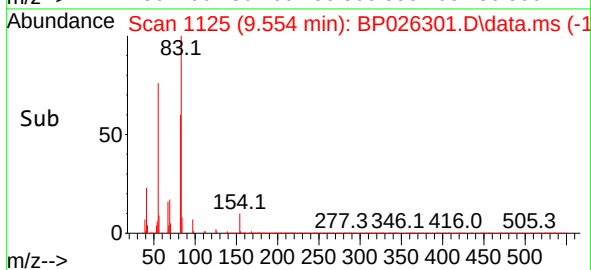
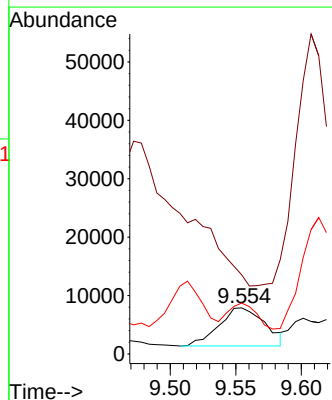
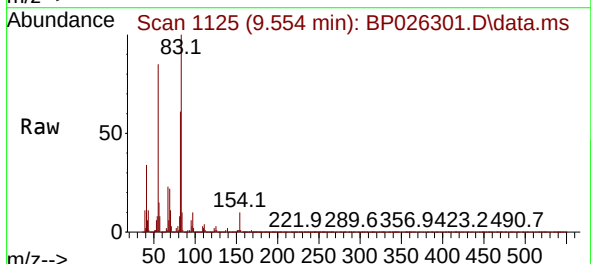
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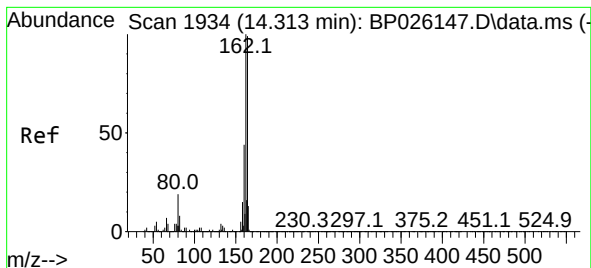
Tgt Ion: 82 Resp: 183272
Ion Ratio Lower Upper
82 100
95 168.5 5.4 8.0#
138 10.6 15.4 23.0#



#26
2-Nitrophenol
Concen: 2.107 ng
RT: 9.554 min Scan# 1125
Delta R.T. 0.017 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Tgt Ion:139 Resp: 15827
Ion Ratio Lower Upper
139 100
109 171.7 22.3 33.5#
65 110.5 37.2 55.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.272 min Scan# 1934

Delta R.T. -0.018 min

Lab File: BP026301.D

Acq: 11 Dec 2025 20:41

Instrument :

BNA_P

ClientSampleId :

B127(5.5-8)120925

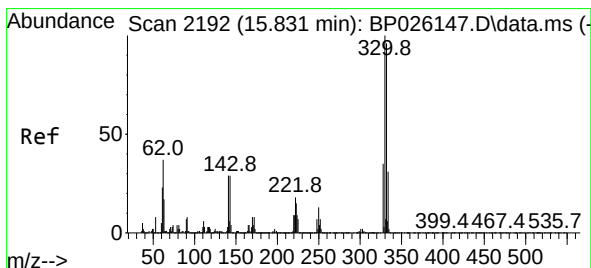
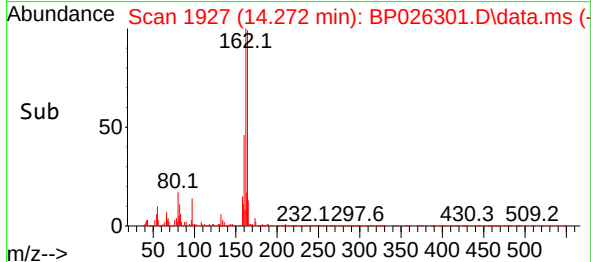
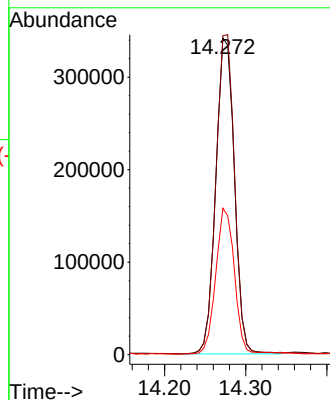
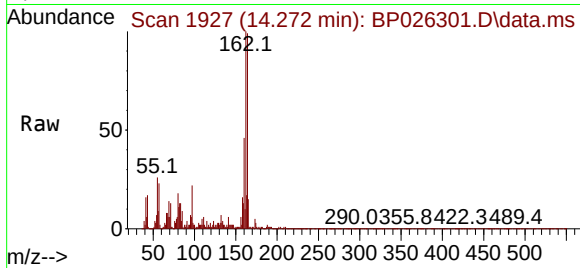
Tgt Ion:164 Resp: 544006

Ion Ratio Lower Upper

164 100

162 100.8 80.3 120.5

160 46.2 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 63.947 ng

RT: 15.789 min Scan# 2185

Delta R.T. -0.018 min

Lab File: BP026301.D

Acq: 11 Dec 2025 20:41

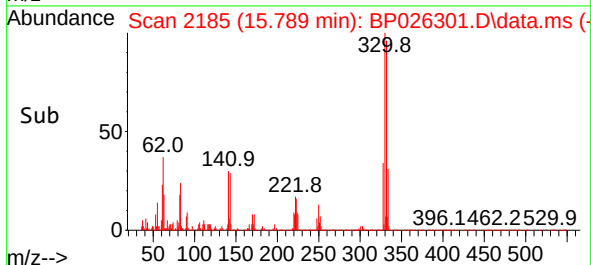
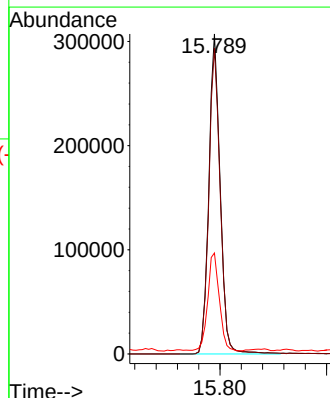
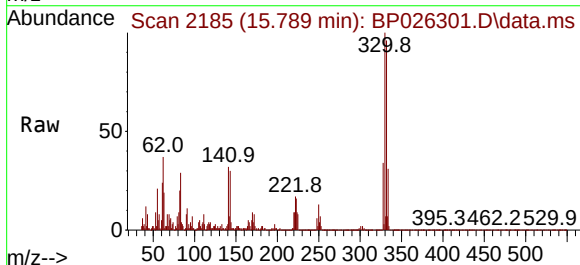
Tgt Ion:330 Resp: 452404

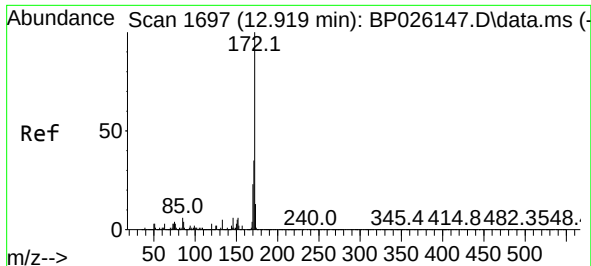
Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

141 31.3 26.8 40.2

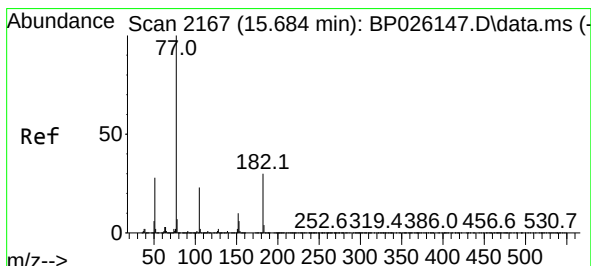
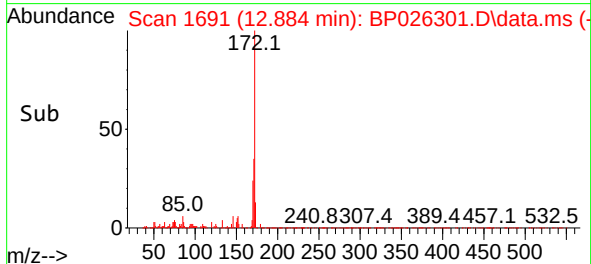
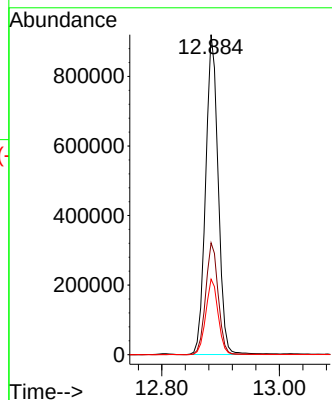
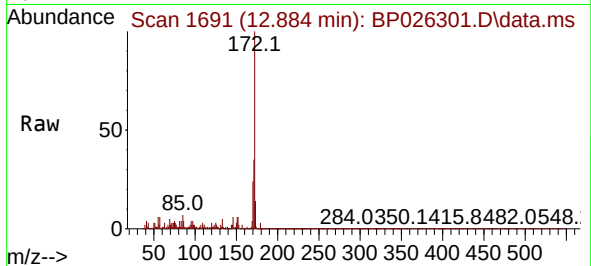




#45
2-Fluorobiphenyl
Concen: 36.360 ng
RT: 12.884 min Scan# 1697
Delta R.T. -0.018 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

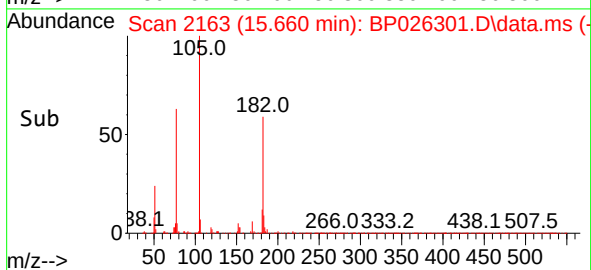
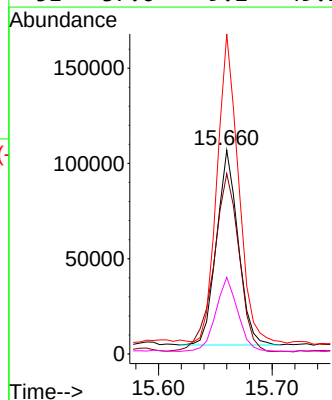
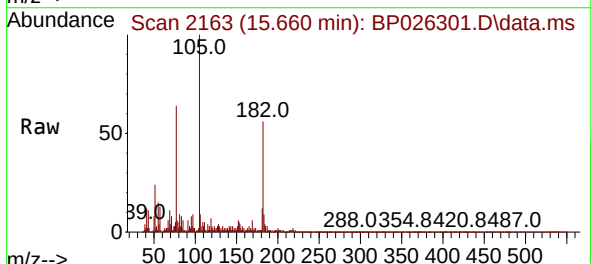
Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

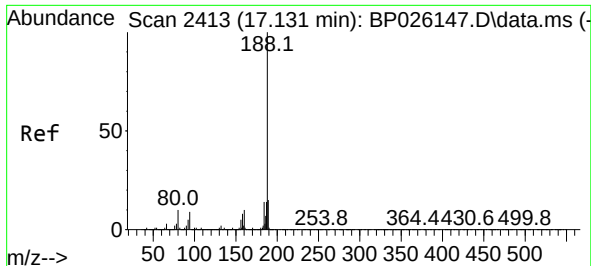
Tgt Ion:172 Resp: 1360490
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.6 18.7 28.1



#63
Azobenzene
Concen: 3.957 ng
RT: 15.660 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Tgt Ion: 77 Resp: 135289
Ion Ratio Lower Upper
77 100
182 88.5 8.8 48.8#
105 156.9 2.6 42.6#
51 37.6 9.2 49.2

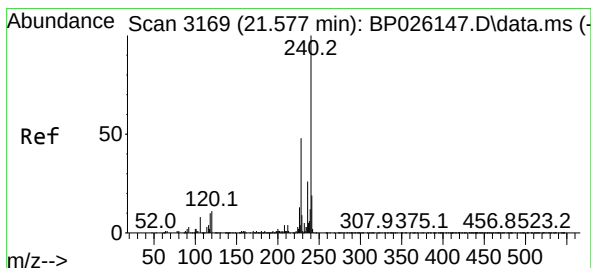
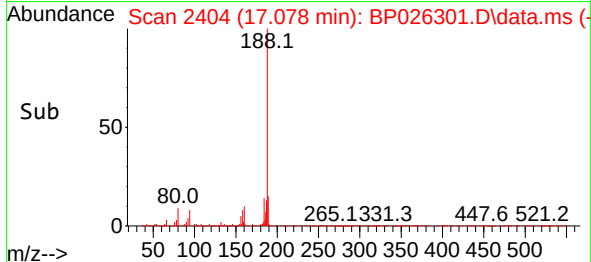
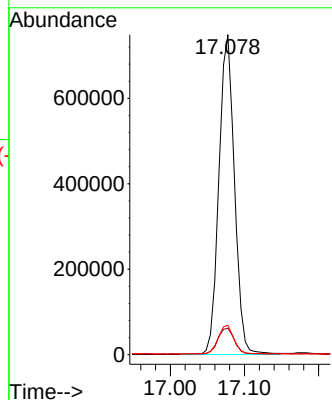
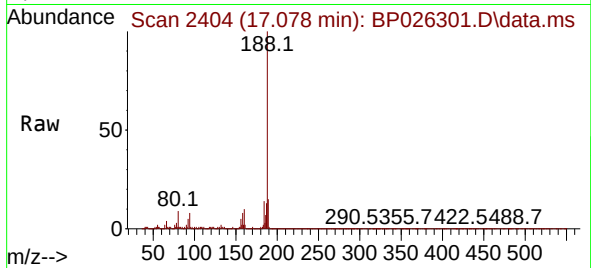




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.078 min Scan# 2413
Delta R.T. -0.018 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

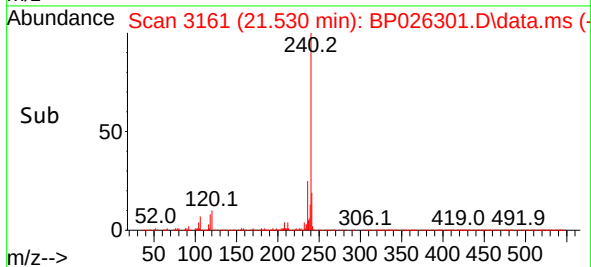
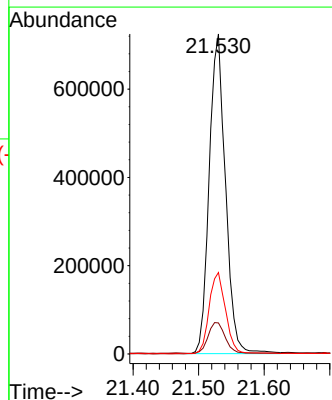
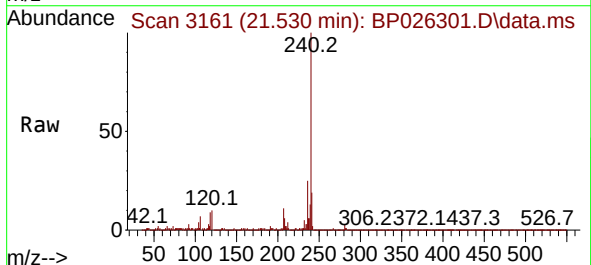
Instrument :
BNA_P
ClientSampleId :
B127(5.5-8)120925

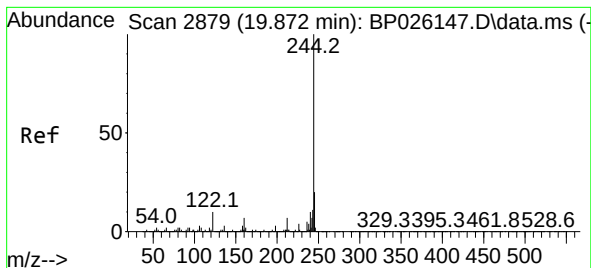
Tgt Ion:188 Resp: 1093121
Ion Ratio Lower Upper
188 100
94 8.3 7.8 11.6
80 9.2 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP026301.D
Acq: 11 Dec 2025 20:41

Tgt Ion:240 Resp: 1247446
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 25.5 20.4 30.6





#79

Terphenyl-d14

Concen: 35.564 ng

RT: 19.830 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP026301.D

Acq: 11 Dec 2025 20:41

Instrument :

BNA_P

ClientSampleId :

B127(5.5-8)120925

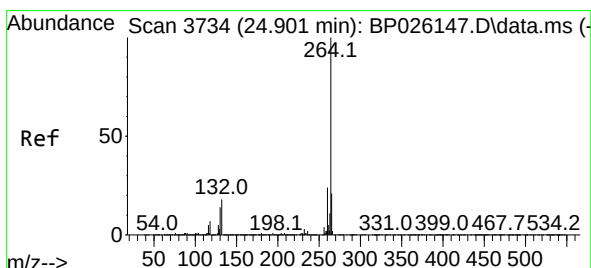
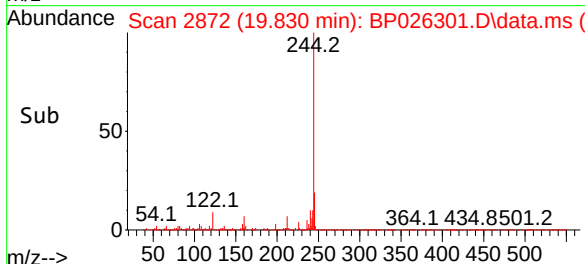
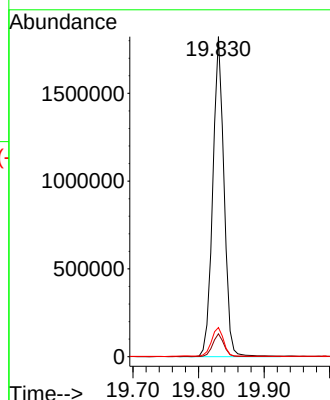
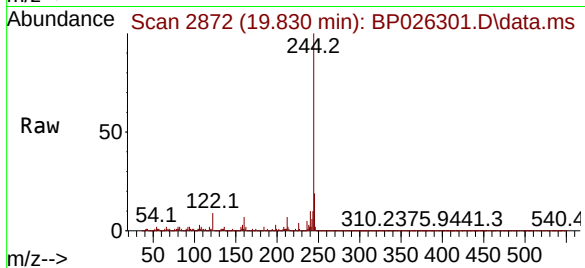
Tgt Ion:244 Resp: 2170533

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.1 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.824 min Scan# 3721

Delta R.T. -0.000 min

Lab File: BP026301.D

Acq: 11 Dec 2025 20:41

Tgt Ion:264 Resp: 1484631

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.7 17.5 26.3

