

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
 Data File : BP026203.D
 Acq On : 01 Dec 2025 19:21
 Operator : RC/JU
 Sample : Q3719-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-15B

Quant Time: Dec 02 00:30:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

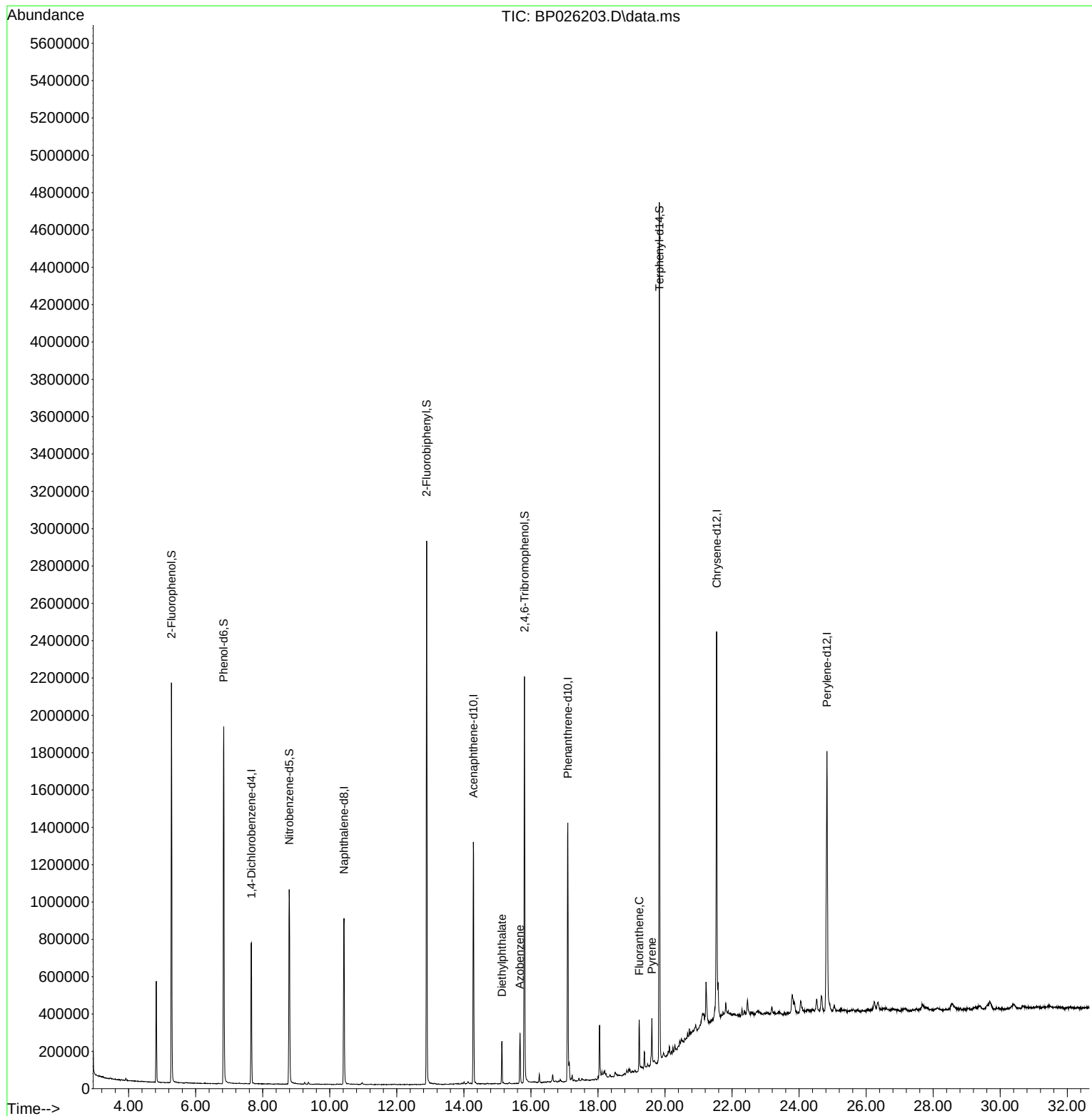
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	219787	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	815242	20.000	ng	-0.02
39) Acenaphthene-d10	14.284	164	475411	20.000	ng	-0.04
64) Phenanthrene-d10	17.101	188	944258	20.000	ng	-0.03
76) Chrysene-d12	21.542	240	1177866	20.000	ng	-0.03
86) Perylene-d12	24.830	264	1392134	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	944080	68.945	ng	-0.01
7) Phenol-d6	6.837	99	1138565	65.313	ng	-0.02
23) Nitrobenzene-d5	8.790	82	665253	46.352	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	434698	70.485	ng	-0.03
45) 2-Fluorobiphenyl	12.890	172	1565990	48.276	ng	-0.04
79) Terphenyl-d14	19.830	244	2558988	44.300	ng	-0.04
Target Compounds						
60) Diethylphthalate	15.136	149	134710	3.766	ng	Qvalue 100
63) Azobenzene	15.672	77	87407	2.898	ng	# 1
75) Fluoranthene	19.230	202	169153	2.617	ng	99
78) Pyrene	19.607	202	155218	2.010	ng	98

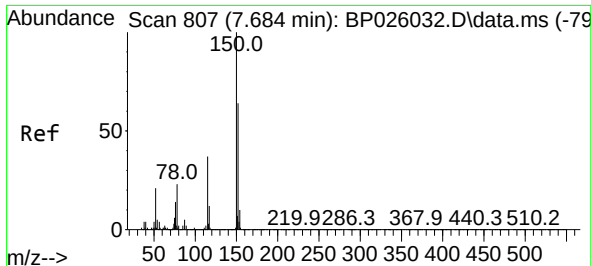
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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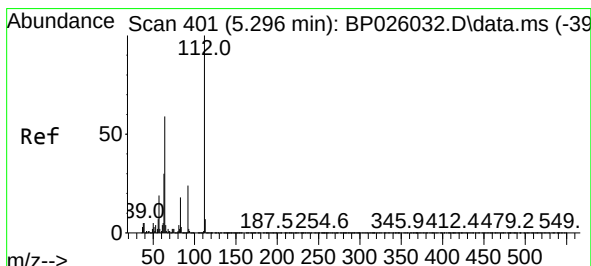
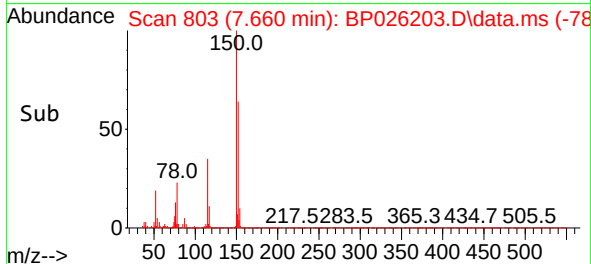
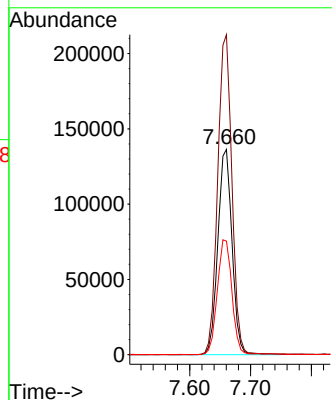
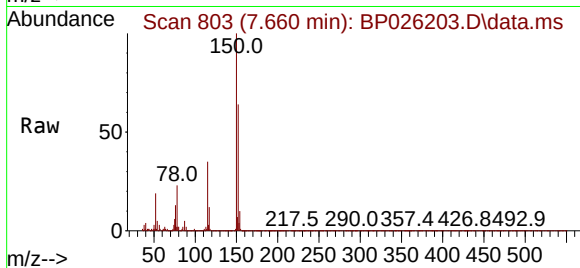


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.660 min Scan# 807
 Delta R.T. -0.012 min
 Lab File: BP026203.D
 Acq: 01 Dec 2025 19:21

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-15B

Tgt Ion:152 Resp: 219787

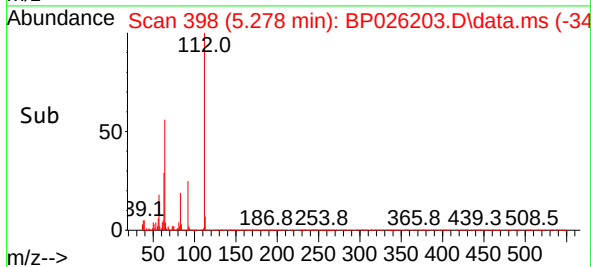
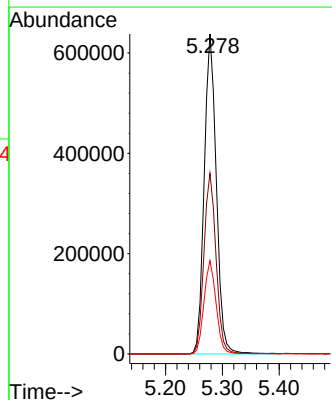
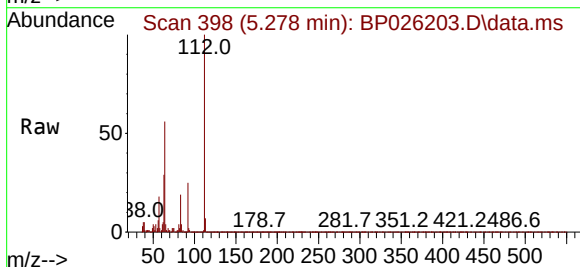
Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.0	184.6
115	55.3	46.3	69.5

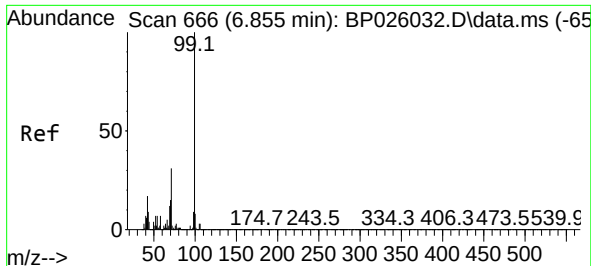


#5
 2-Fluorophenol
 Concen: 68.945 ng
 RT: 5.278 min Scan# 398
 Delta R.T. -0.012 min
 Lab File: BP026203.D
 Acq: 01 Dec 2025 19:21

Tgt Ion:112 Resp: 944080

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.8	68.6
63	29.2	23.5	35.3

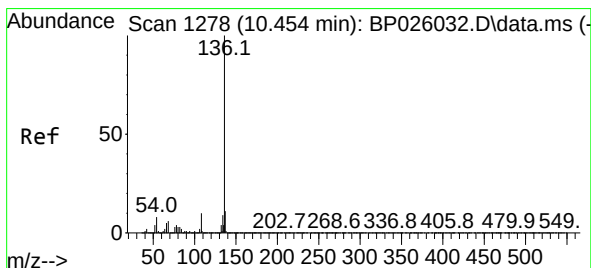
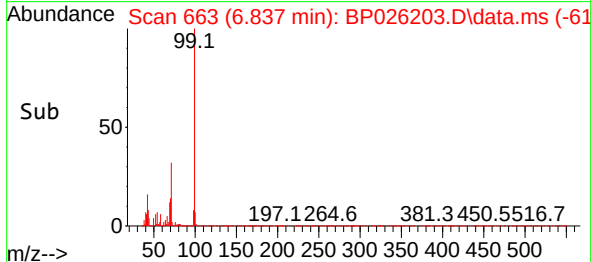
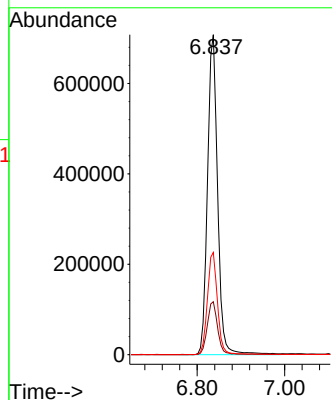
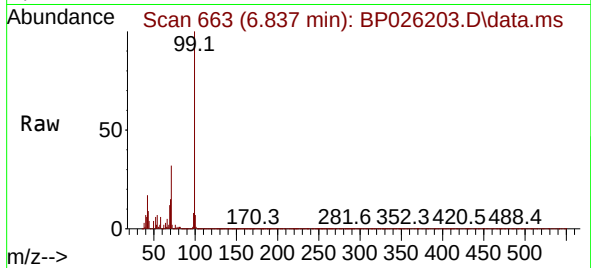




#7
Phenol-d6
Concen: 65.313 ng
RT: 6.837 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

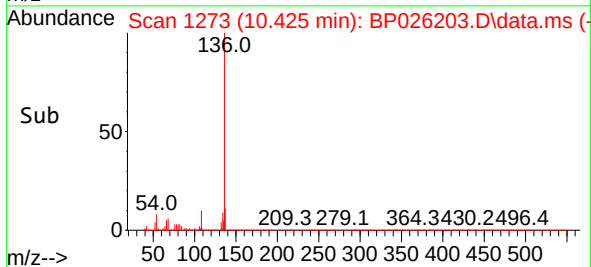
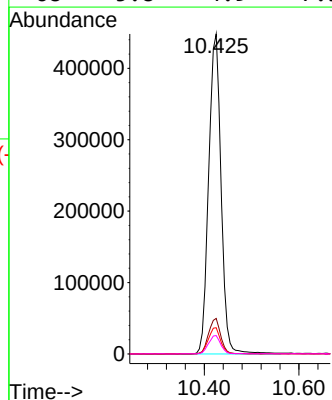
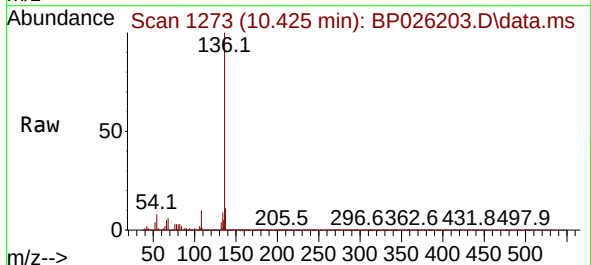
Instrument :
BNA_P
ClientSampleId :
SB-1125-15B

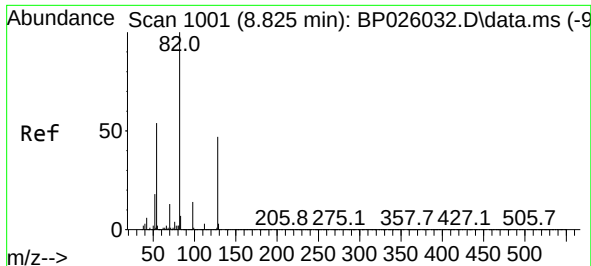
Tgt Ion: 99 Resp: 1138565
Ion Ratio Lower Upper
99 100
42 16.5 12.9 19.3
71 31.9 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.024 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

Tgt Ion:136 Resp: 815242
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.2 6.4 9.6
68 5.8 4.9 7.3

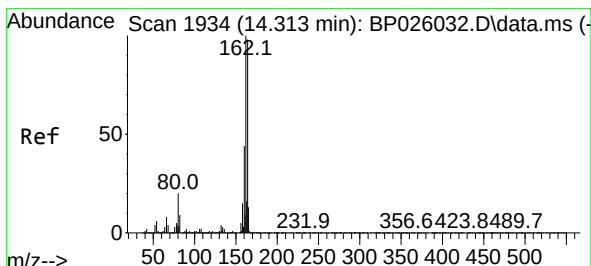
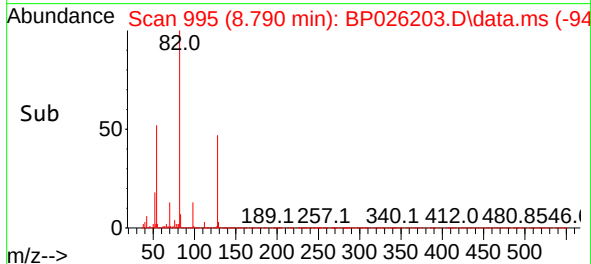
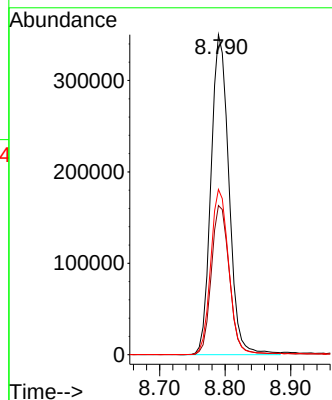
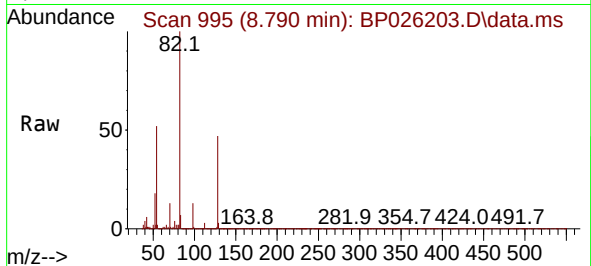




#23
Nitrobenzene-d5
Concen: 46.352 ng
RT: 8.790 min Scan# 91
Delta R.T. -0.023 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

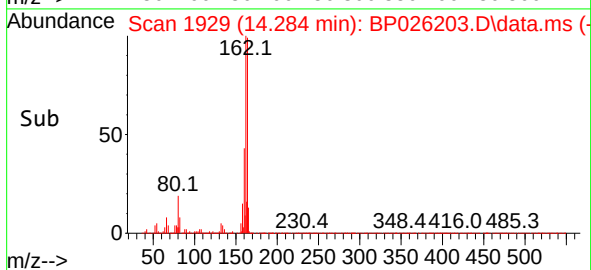
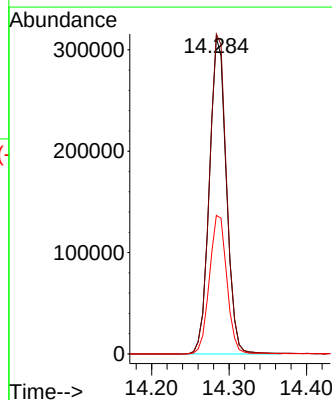
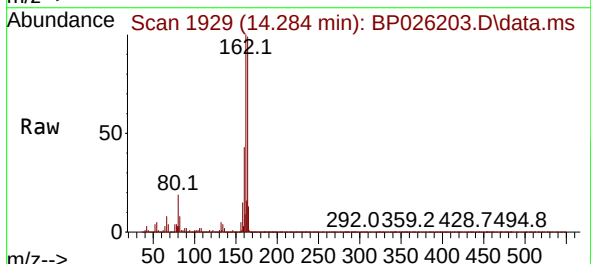
Instrument :
BNA_P
ClientSampleId :
SB-1125-15B

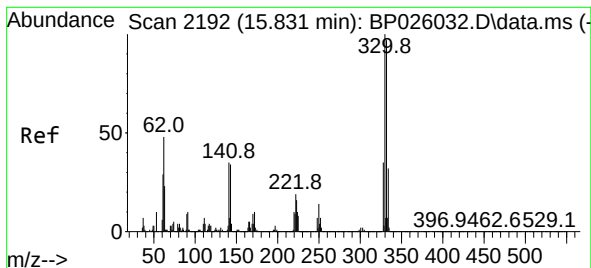
Tgt Ion: 82 Resp: 665253
Ion Ratio Lower Upper
82 100
128 46.6 37.4 56.0
54 51.6 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.041 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

Tgt Ion:164 Resp: 475411
Ion Ratio Lower Upper
164 100
162 101.1 80.3 120.5
160 43.8 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 70.485 ng

RT: 15.807 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP026203.D

Acq: 01 Dec 2025 19:21

Instrument :

BNA_P

ClientSampleId :

SB-1125-15B

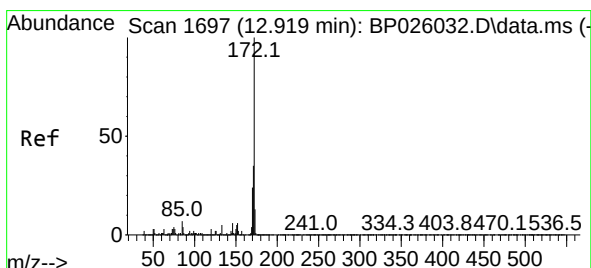
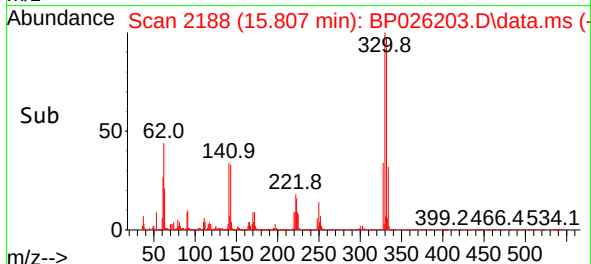
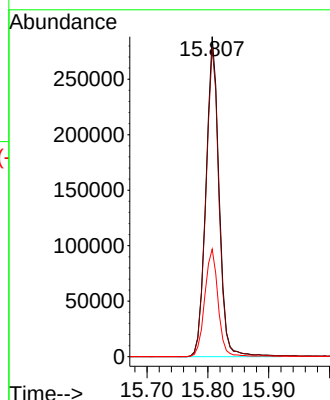
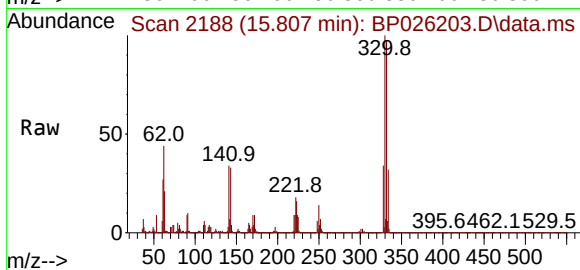
Tgt Ion:330 Resp: 434698

Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

141 33.8 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 48.276 ng

RT: 12.890 min Scan# 1692

Delta R.T. -0.041 min

Lab File: BP026203.D

Acq: 01 Dec 2025 19:21

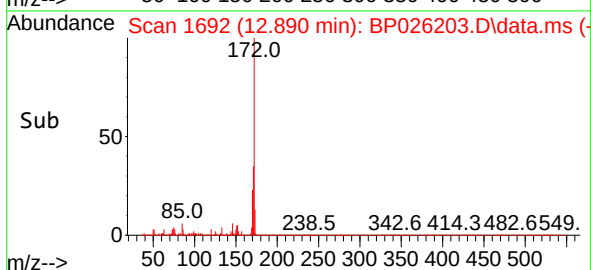
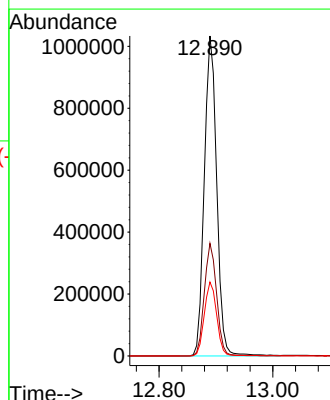
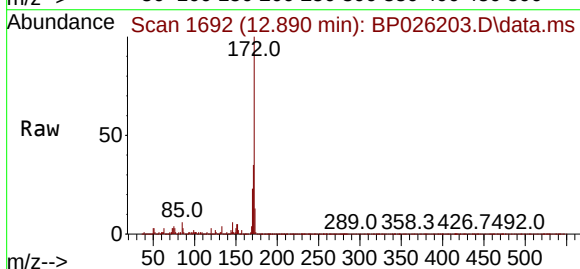
Tgt Ion:172 Resp: 1565990

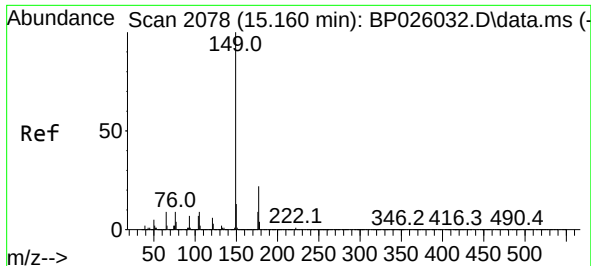
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.1 18.7 28.1

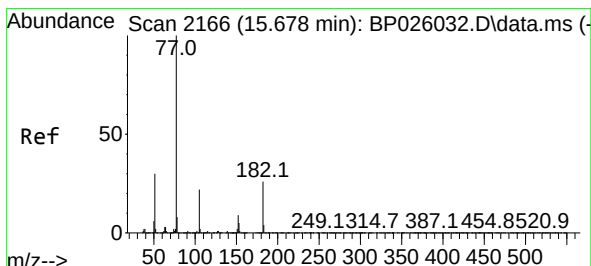
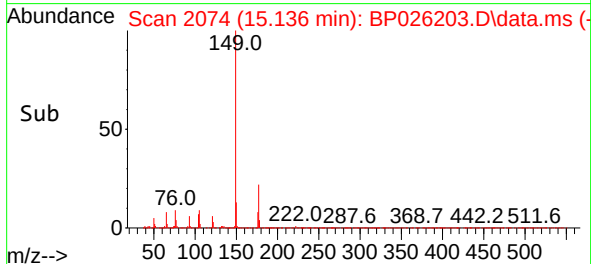
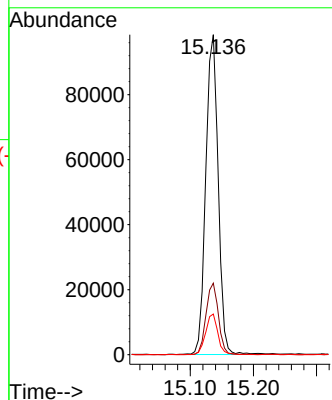
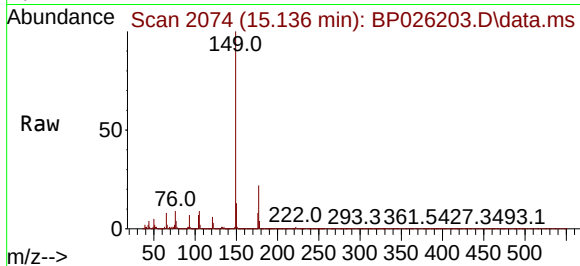




#60
Diethylphthalate
Concen: 3.766 ng
RT: 15.136 min Scan# 2078
Delta R.T. -0.035 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

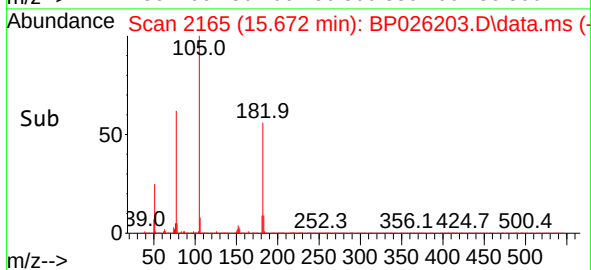
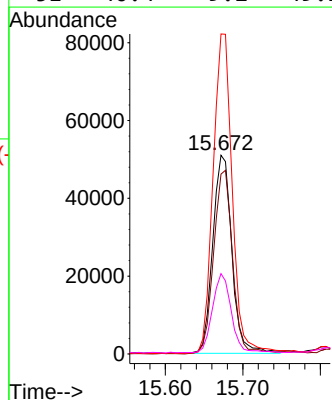
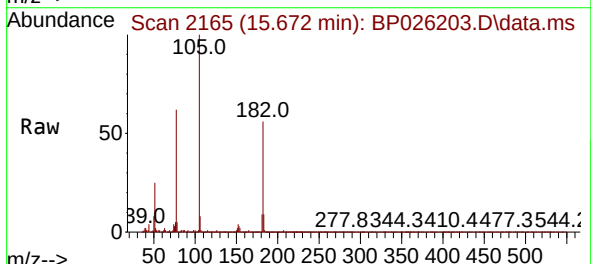
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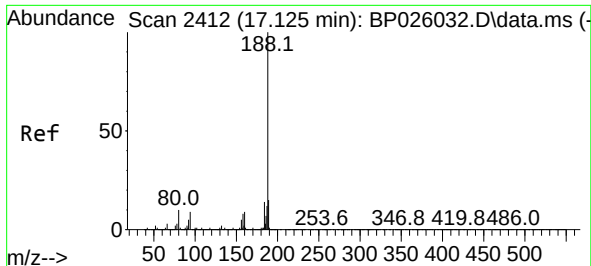
Tgt Ion:149 Resp: 134710
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.7 9.9 14.9



#63
Azobenzene
Concen: 2.898 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.018 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

Tgt Ion: 77 Resp: 87407
Ion Ratio Lower Upper
77 100
182 90.5 8.8 48.8#
105 161.1 2.6 42.6#
51 40.4 9.2 49.2

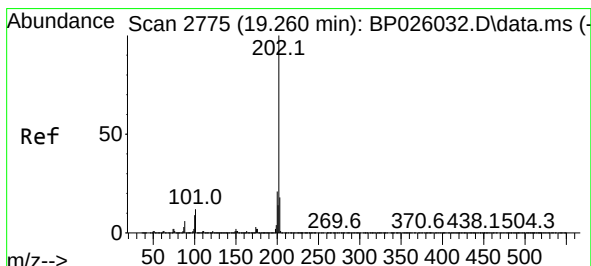
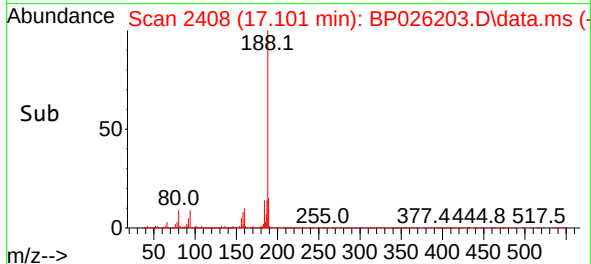
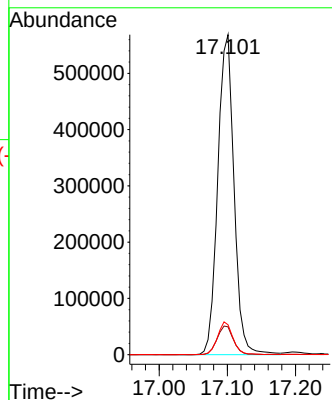
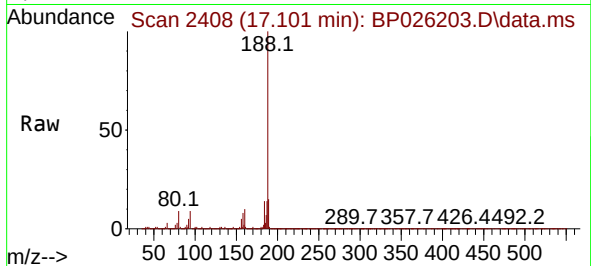




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.101 min Scan# 2412
Delta R.T. -0.029 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

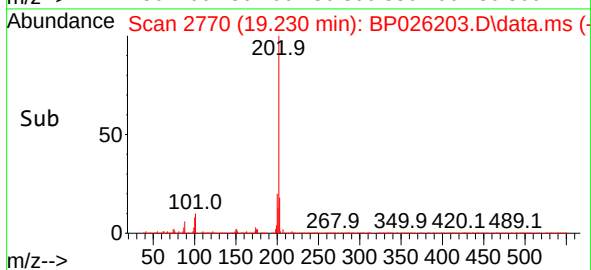
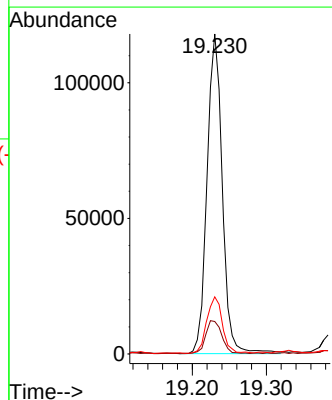
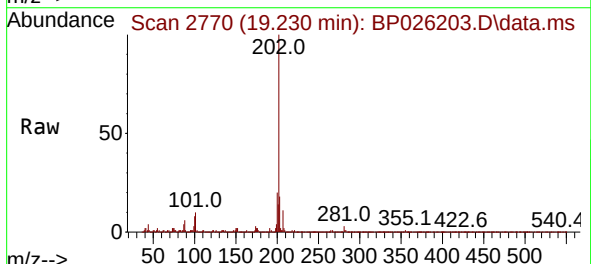
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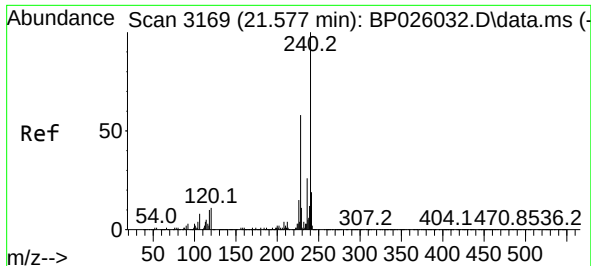
Tgt Ion:188 Resp: 944258
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 9.4 8.2 12.2



#75
Fluoranthene
Concen: 2.617 ng
RT: 19.230 min Scan# 2770
Delta R.T. -0.035 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

Tgt Ion:202 Resp: 169153
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 17.9 0.0 37.7

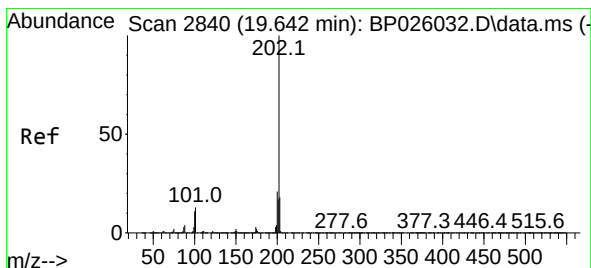
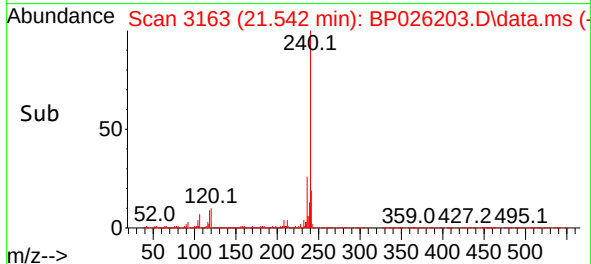
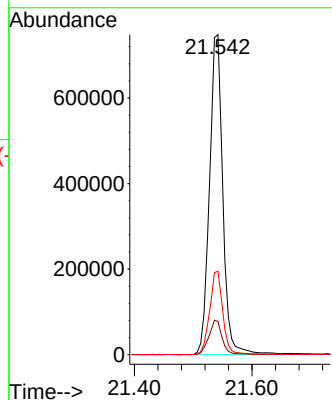
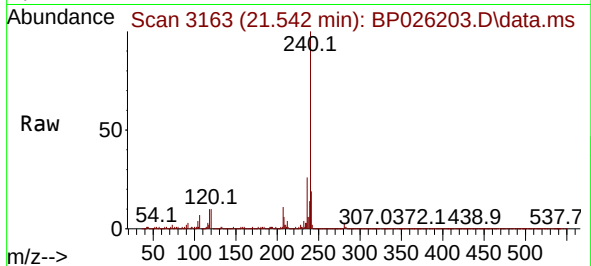




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.029 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

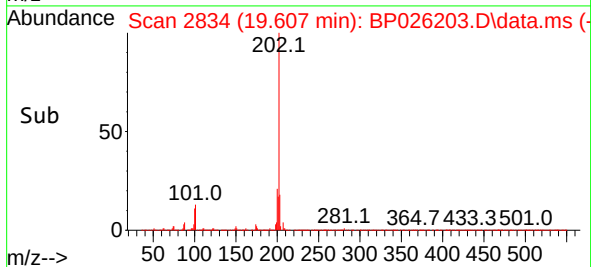
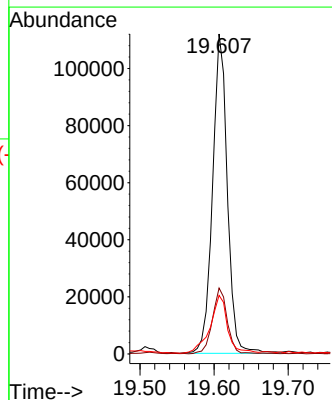
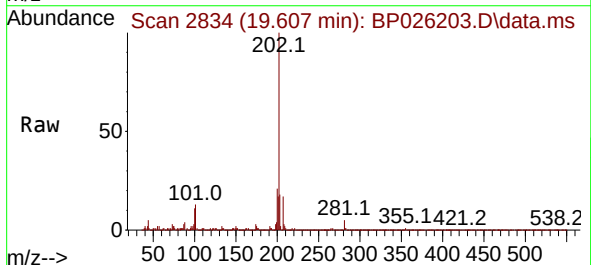
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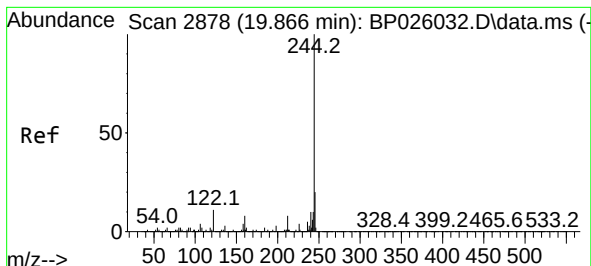
Tgt Ion:240 Resp: 1177866
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 26.0 20.4 30.6



#78
Pyrene
Concen: 2.010 ng
RT: 19.607 min Scan# 2834
Delta R.T. -0.035 min
Lab File: BP026203.D
Acq: 01 Dec 2025 19:21

Tgt Ion:202 Resp: 155218
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 18.3 13.8 20.8





#79

Terphenyl-d14

Concen: 44.300 ng

RT: 19.830 min Scan# 21

Delta R.T. -0.041 min

Lab File: BP026203.D

Acq: 01 Dec 2025 19:21

Instrument :

BNA_P

ClientSampleId :

SB-1125-15B

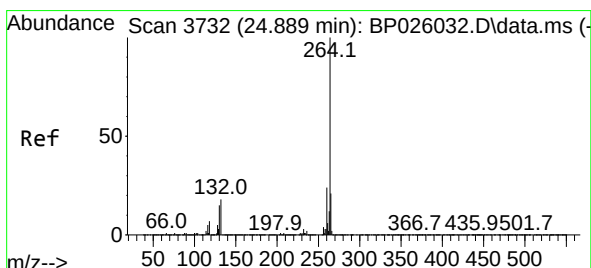
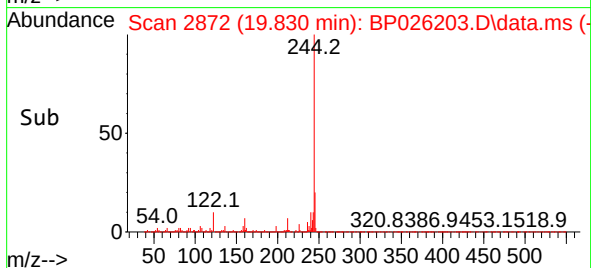
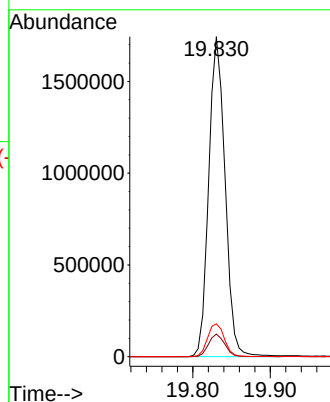
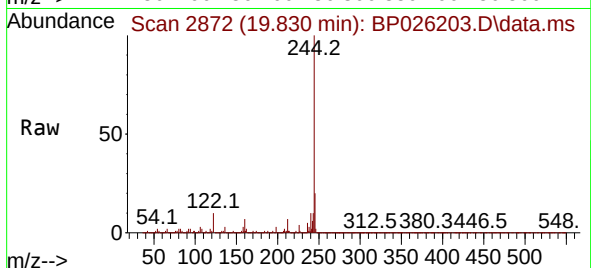
Tgt Ion:244 Resp: 2558988

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.2 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.830 min Scan# 3722

Delta R.T. -0.076 min

Lab File: BP026203.D

Acq: 01 Dec 2025 19:21

Tgt Ion:264 Resp: 1392134

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.2 17.5 26.3

