

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026220.D
 Acq On : 02 Dec 2025 23:24
 Operator : RC/JU
 Sample : Q3742-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-21

Quant Time: Dec 03 00:25:47 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)

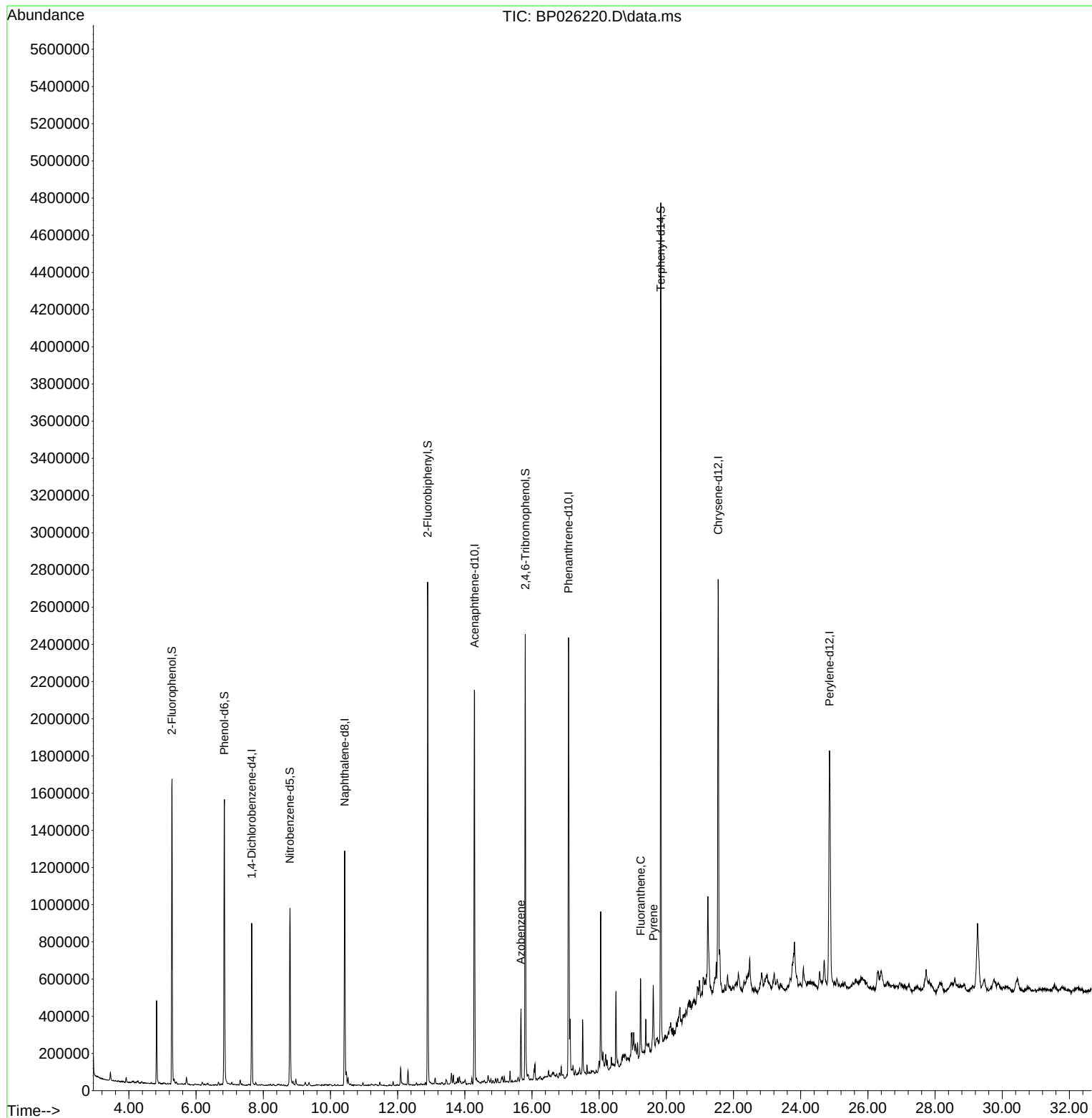
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.654	152	255687	20.000	ng	-0.02
21) Naphthalene-d8	10.425	136	1076983	20.000	ng	-0.02
39) Acenaphthene-d10	14.289	164	769033	20.000	ng	-0.04
64) Phenanthrene-d10	17.089	188	1646385	20.000	ng	-0.04
76) Chrysene-d12	21.542	240	1416708	20.000	ng	-0.03
86) Perylene-d12	24.859	264	1595597	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	764669	48.002	ng	0.00
7) Phenol-d6	6.843	99	961175	47.396	ng	-0.01
23) Nitrobenzene-d5	8.796	82	566209	29.863	ng	-0.02
42) 2,4,6-Tribromophenol	15.801	330	473512	47.464	ng	-0.04
45) 2-Fluorobiphenyl	12.895	172	1455232	27.733	ng	-0.04
79) Terphenyl-d14	19.836	244	2410946	34.700	ng	-0.04
Target Compounds						
63) Azobenzene	15.672	77	113298	2.322	ng	Qvalue # 1
75) Fluoranthene	19.236	202	292320	2.594	ng	98
78) Pyrene	19.613	202	258268	2.780	ng	99

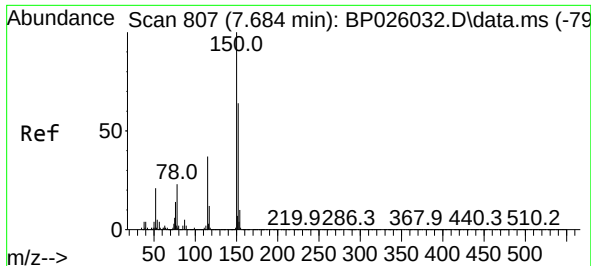
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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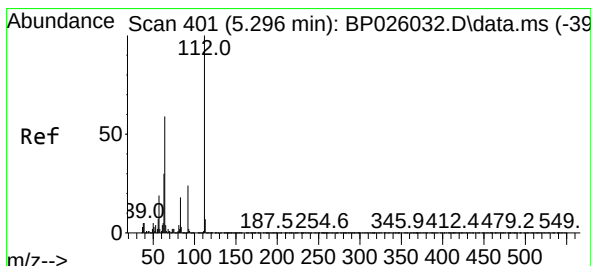
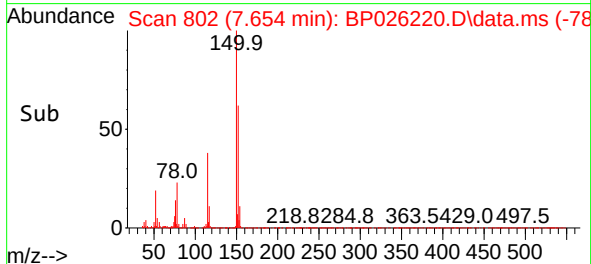
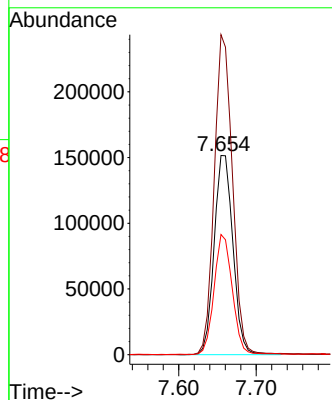
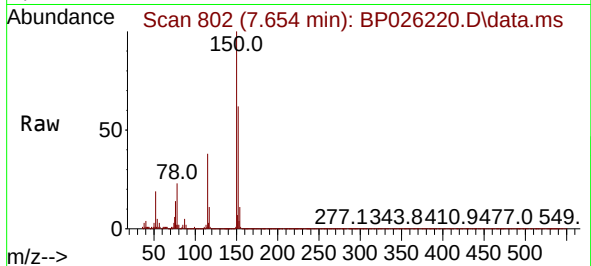




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.654 min Scan# 807
Delta R.T. -0.018 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

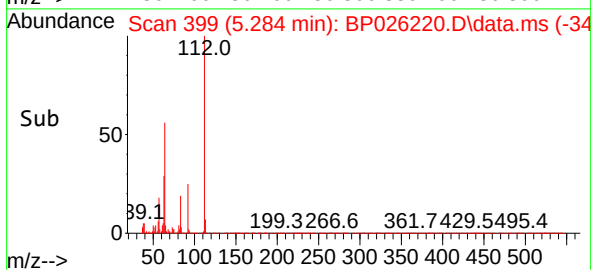
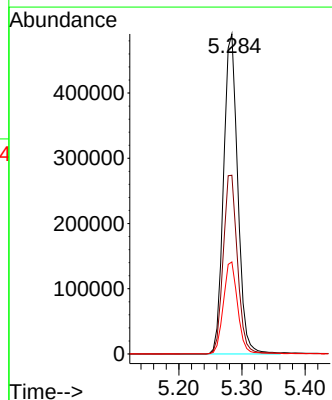
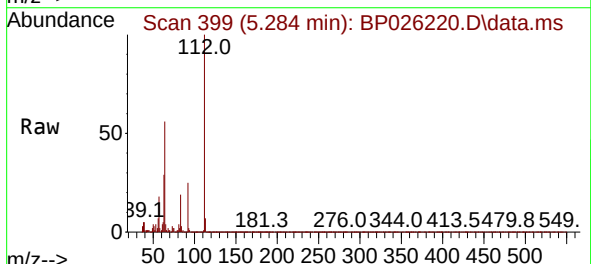
Instrument :
BNA_P
ClientSampleId :
SB-1125-21

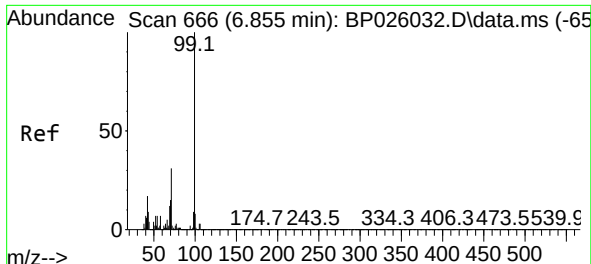
Tgt Ion:152 Resp: 255687
Ion Ratio Lower Upper
152 100
150 160.7 123.0 184.6
115 60.4 46.3 69.5



#5
2-Fluorophenol
Concen: 48.002 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

Tgt Ion:112 Resp: 764669
Ion Ratio Lower Upper
112 100
64 55.9 45.8 68.6
63 28.8 23.5 35.3

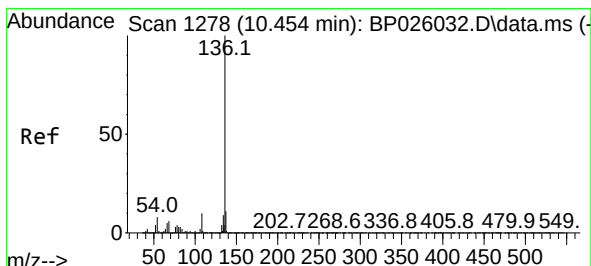
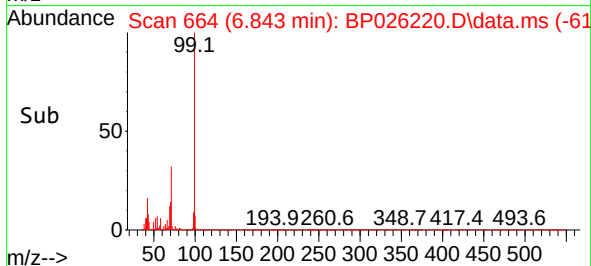
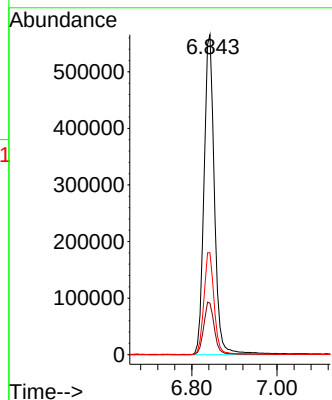
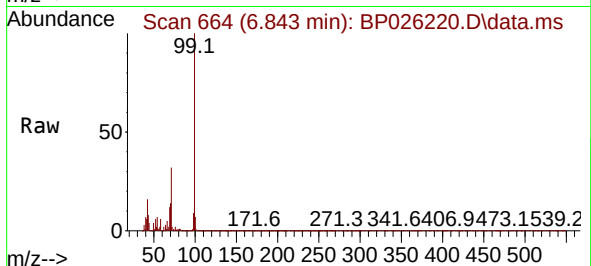




#7
Phenol-d6
Concen: 47.396 ng
RT: 6.843 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

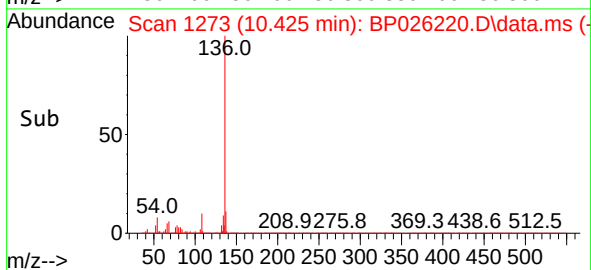
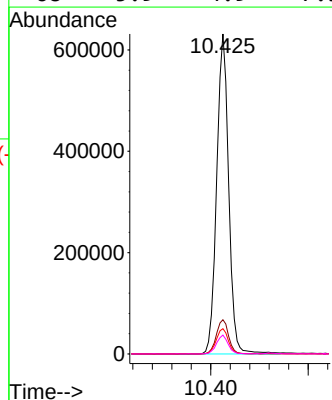
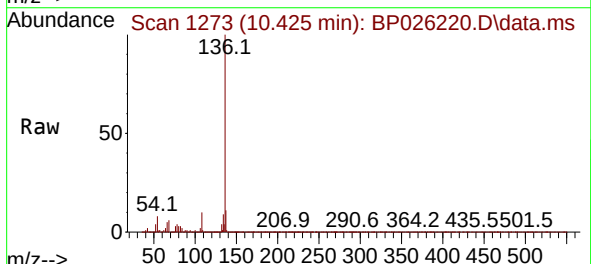
Instrument :
BNA_P
ClientSampleId :
SB-1125-21

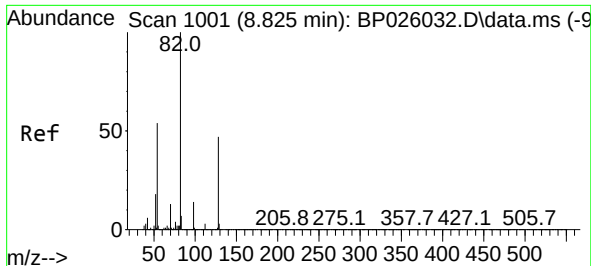
Tgt Ion: 99 Resp: 961175
Ion Ratio Lower Upper
99 100
42 16.1 12.9 19.3
71 31.9 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.024 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

Tgt Ion: 136 Resp: 1076983
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.9 6.4 9.6
68 5.9 4.9 7.3

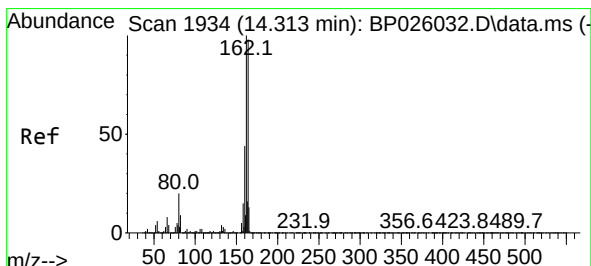
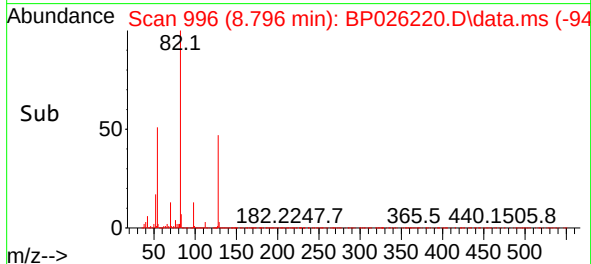
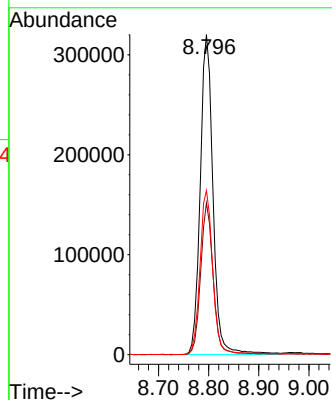
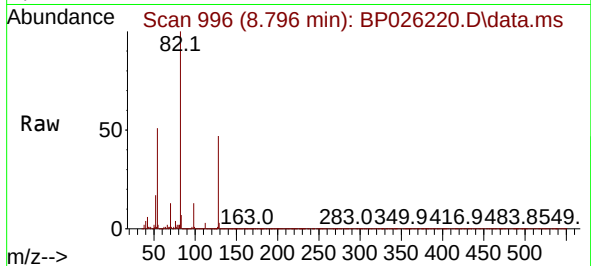




#23
 Nitrobenzene-d5
 Concen: 29.863 ng
 RT: 8.796 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: BP026220.D
 Acq: 02 Dec 2025 23:24

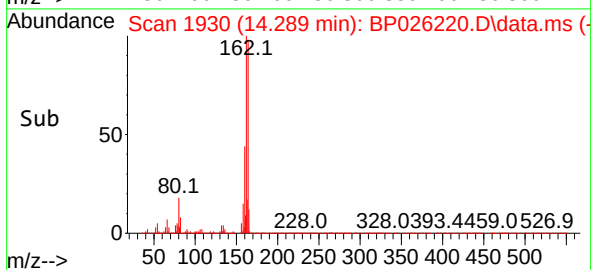
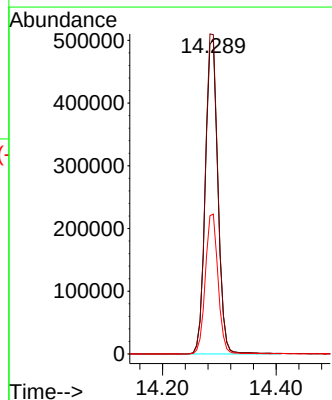
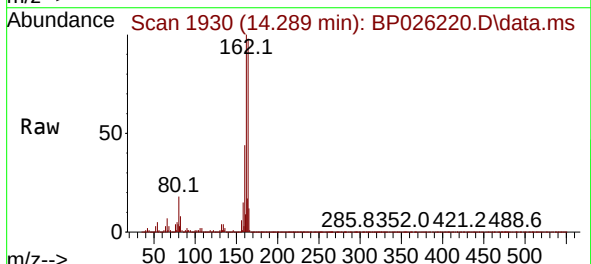
Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-21

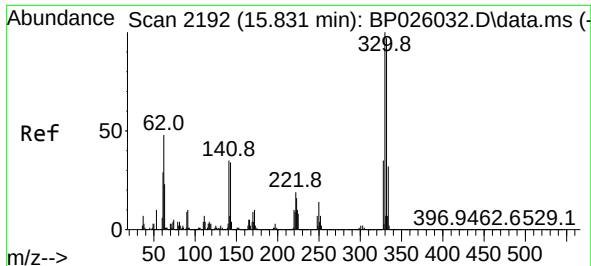
Tgt Ion: 82 Resp: 566209
 Ion Ratio Lower Upper
 82 100
 128 47.4 37.4 56.0
 54 51.3 41.6 62.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.289 min Scan# 1930
 Delta R.T. -0.035 min
 Lab File: BP026220.D
 Acq: 02 Dec 2025 23:24

Tgt Ion:164 Resp: 769033
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.3 120.5
 160 44.6 35.2 52.8

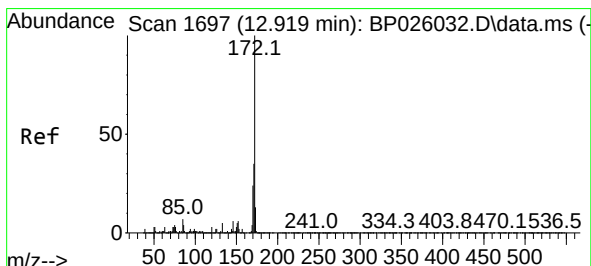
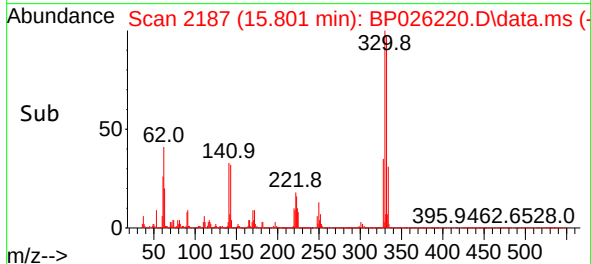
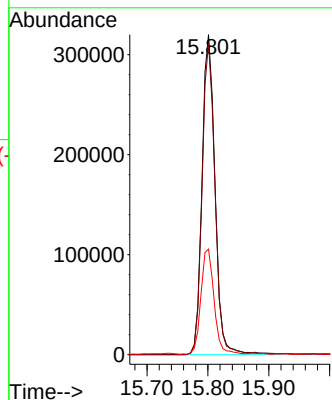
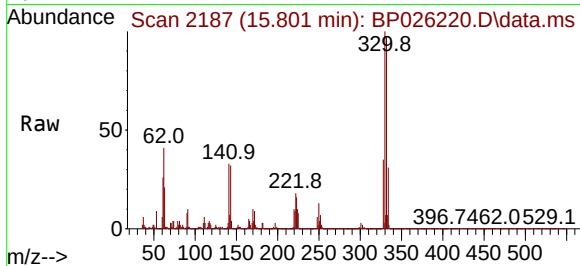




#42
2,4,6-Tribromophenol
Concen: 47.464 ng
RT: 15.801 min Scan# 2192
Delta R.T. -0.035 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

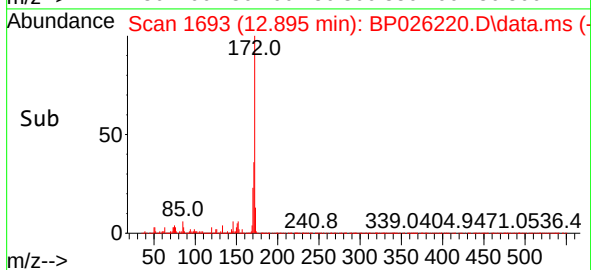
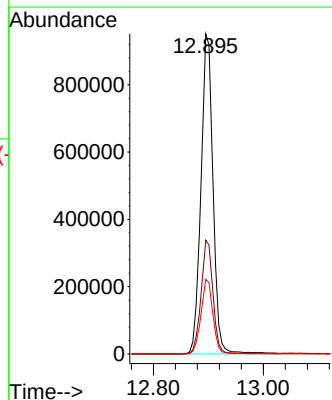
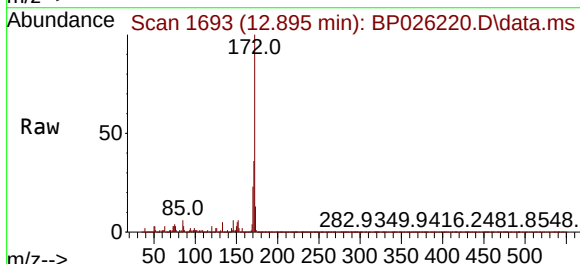
Instrument :
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ClientSampleId :
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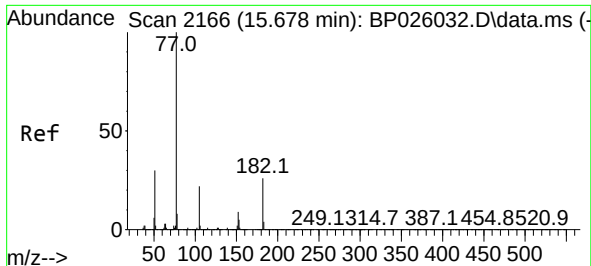
Tgt Ion: 330 Resp: 473512
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 33.1 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 27.733 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.035 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

Tgt Ion: 172 Resp: 1455232
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.3 18.7 28.1

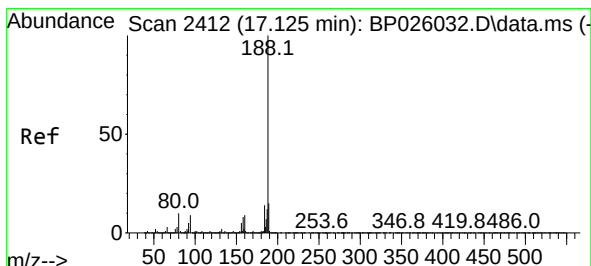
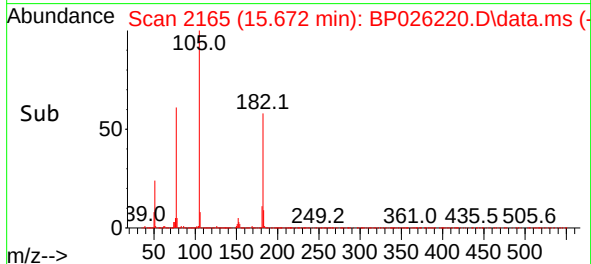
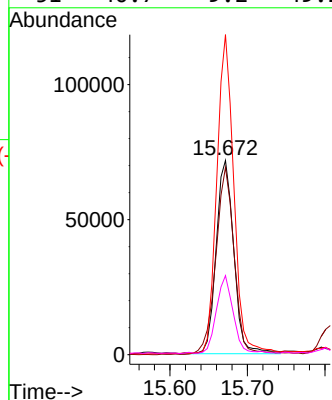
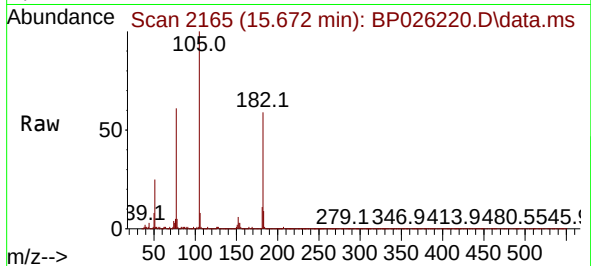




#63
Azobenzene
Concen: 2.322 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.018 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

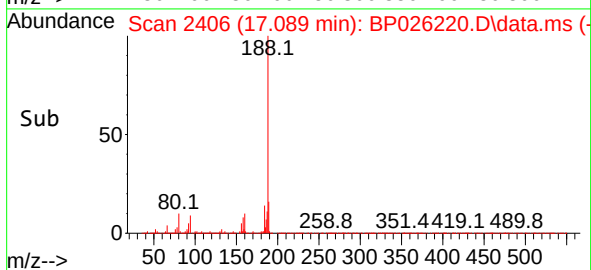
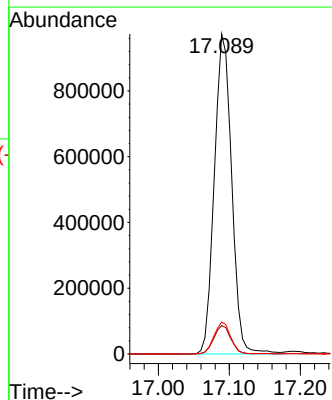
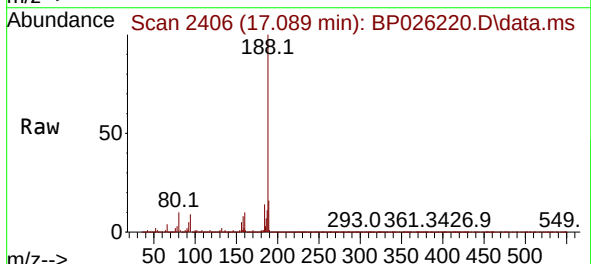
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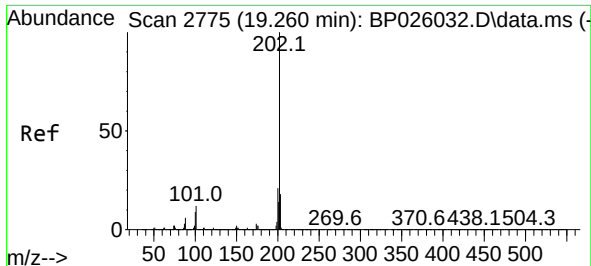
Tgt Ion: 77 Resp: 113298
Ion Ratio Lower Upper
77 100
182 96.5 8.8 48.8#
105 164.7 2.6 42.6#
51 40.7 9.2 49.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 2406
Delta R.T. -0.041 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

Tgt Ion:188 Resp: 1646385
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 10.0 8.2 12.2

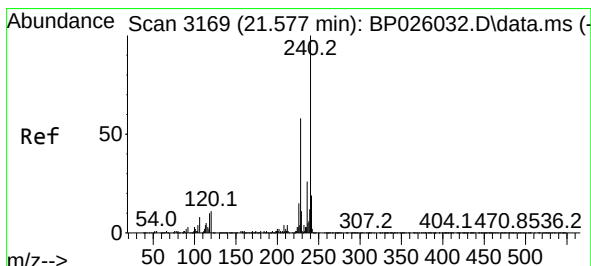
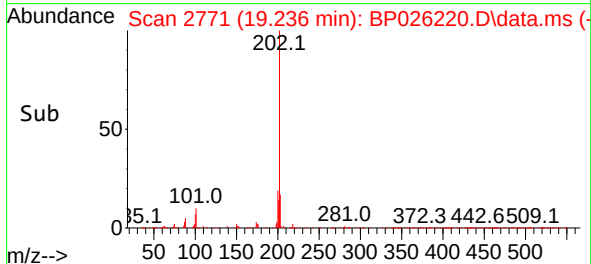
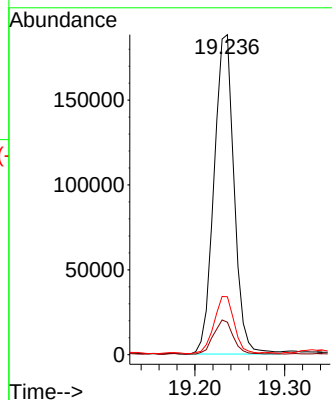
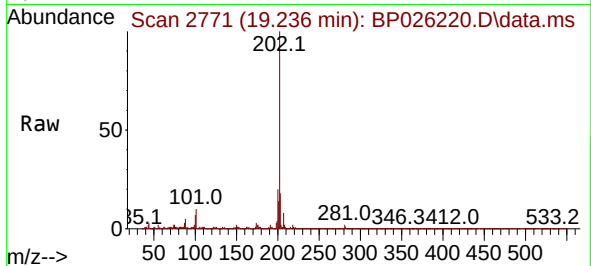




#75
Fluoranthene
Concen: 2.594 ng
RT: 19.236 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

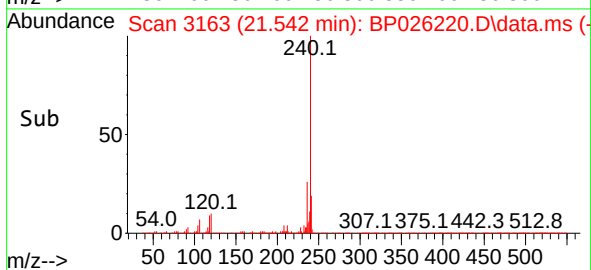
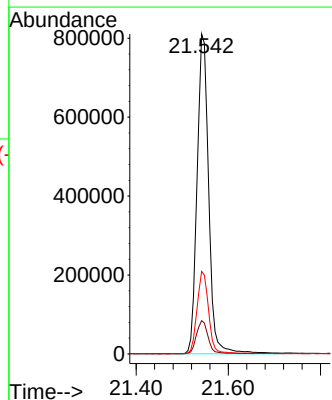
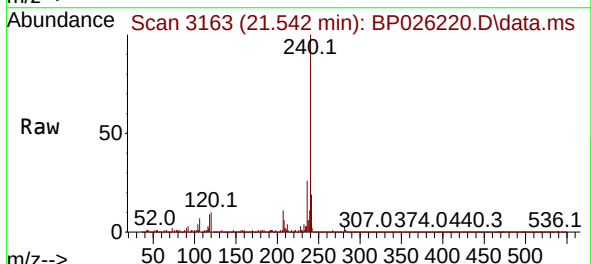
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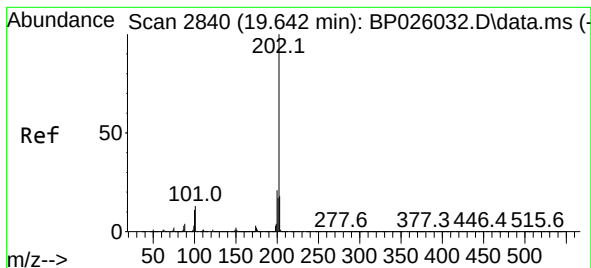
Tgt Ion:202 Resp: 292320
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 18.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.029 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

Tgt Ion:240 Resp: 1416708
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 25.8 20.4 30.6





#78

Pyrene

Concen: 2.780 ng

RT: 19.613 min Scan# 2835

Delta R.T. -0.029 min

Lab File: BP026220.D

Acq: 02 Dec 2025 23:24

Instrument :

BNA_P

ClientSampleId :

SB-1125-21

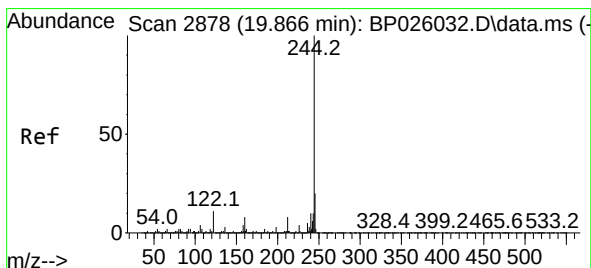
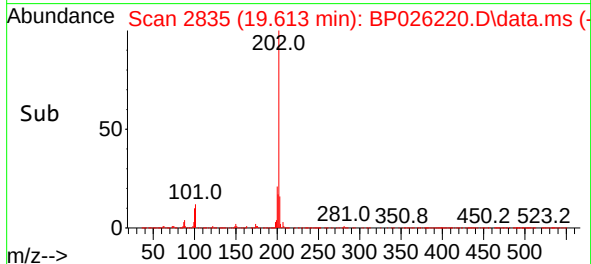
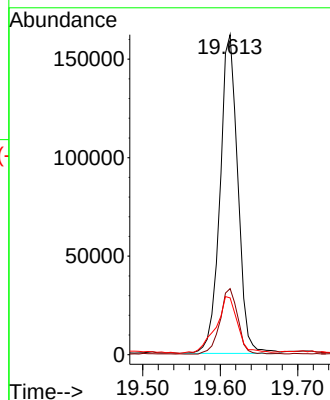
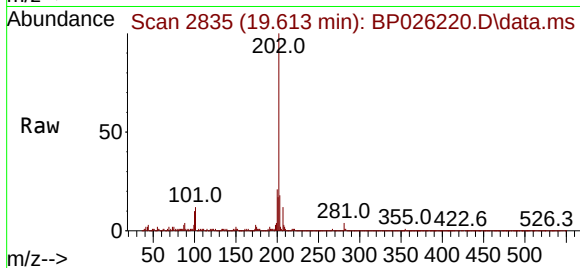
Tgt Ion:202 Resp: 258268

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 17.7 13.8 20.8



#79

Terphenyl-d14

Concen: 34.700 ng

RT: 19.836 min Scan# 2873

Delta R.T. -0.035 min

Lab File: BP026220.D

Acq: 02 Dec 2025 23:24

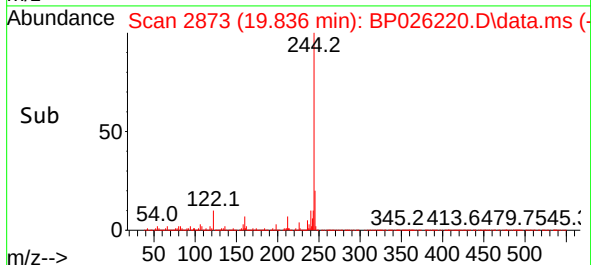
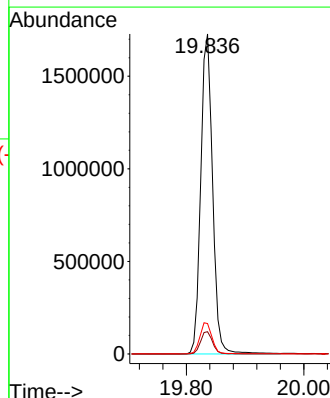
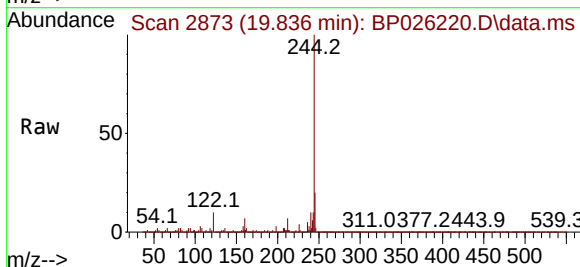
Tgt Ion:244 Resp: 2410946

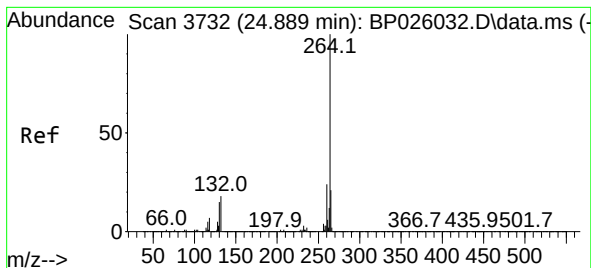
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 9.5 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.859 min Scan# 31

Delta R.T. -0.047 min

Lab File: BP026220.D

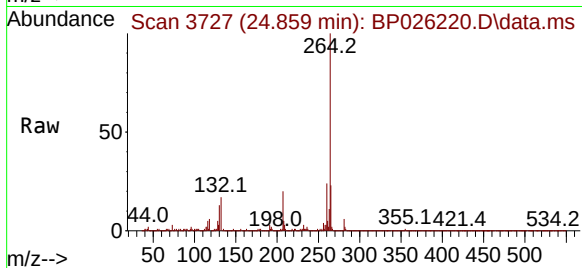
Acq: 02 Dec 2025 23:24

Instrument :

BNA_P

ClientSampleId :

SB-1125-21



Tgt Ion:264 Resp: 1595597

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 22.6 17.5 26.3

