

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)

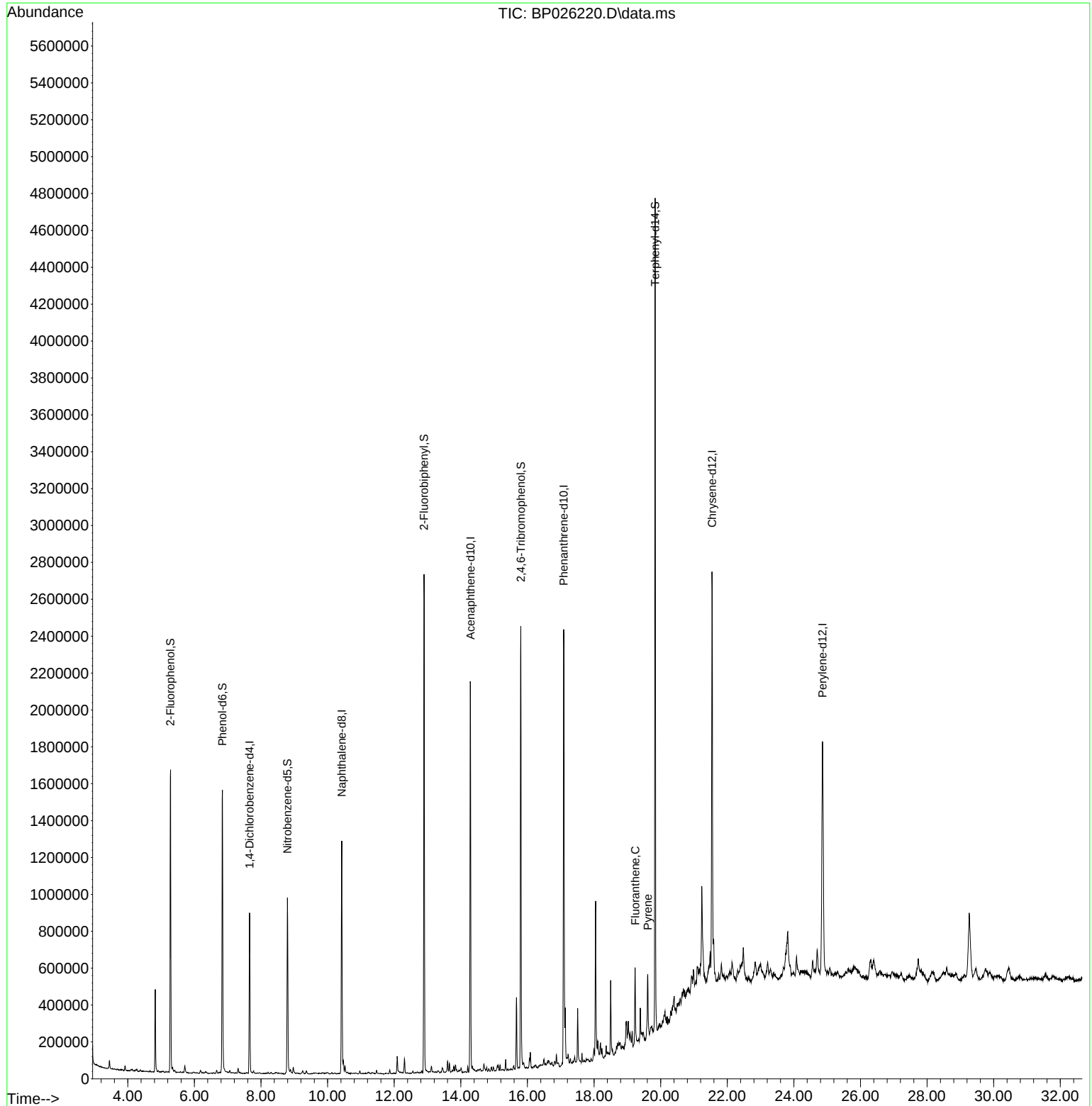
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.654	152	255687	20.000	ng	-0.02
21) Naphthalene-d8	10.425	136	1076983	20.000	ng	-0.02
39) Acenaphthene-d10	14.289	164	769033	20.000	ng	-0.04
64) Phenanthrene-d10	17.089	188	1646385	20.000	ng	-0.04
76) Chrysene-d12	21.542	240	1416708	20.000	ng	-0.03
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						
75) Fluoranthene	19.236	202	292320	2.594	ng	98
78) Pyrene	19.613	202	258268	2.780	ng	99

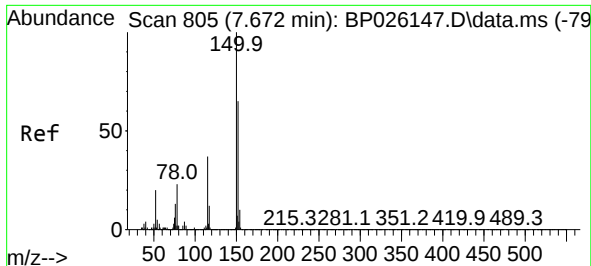
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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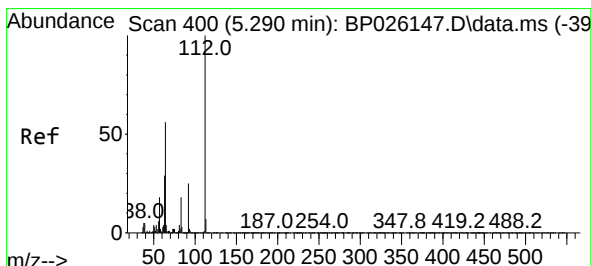
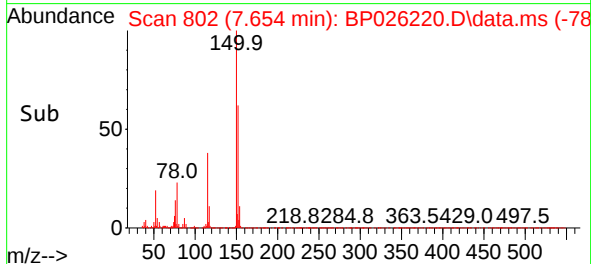
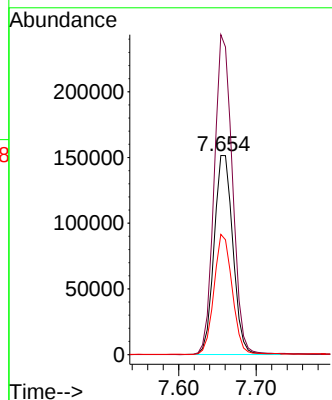
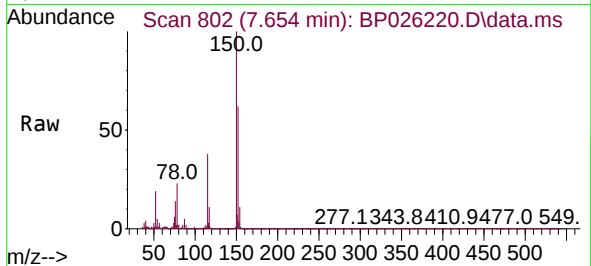




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.654 min Scan# 805
 Delta R.T. -0.018 min
 Lab File: BP026220.D
 Acq: 02 Dec 2025 23:24

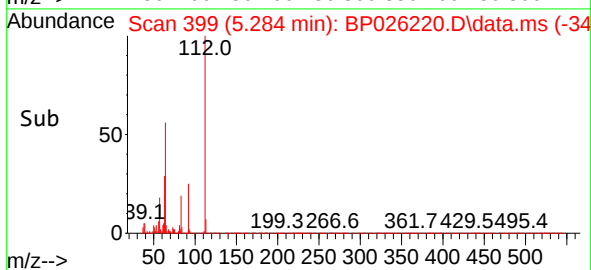
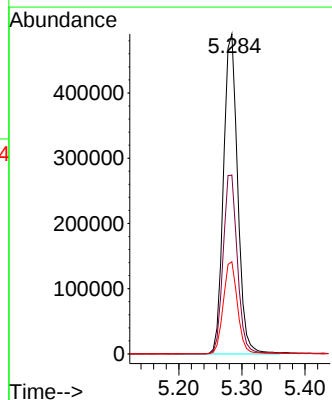
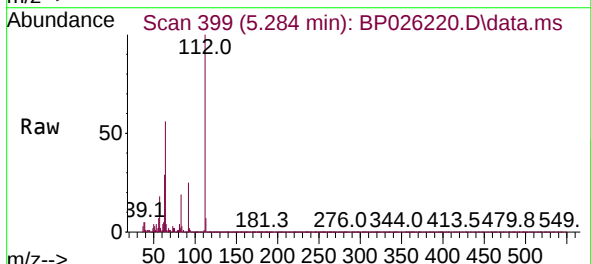
Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-21

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

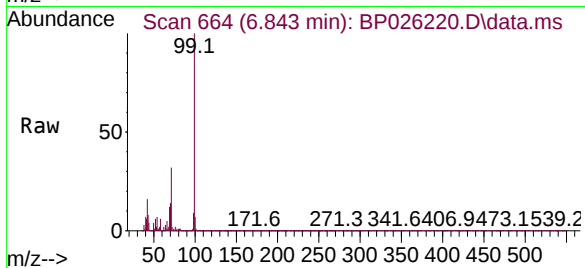
Tgt Ion:112 Resp: 764669
 Ion Ratio Lower Upper
 112 100
 64 55.9 45.8 68.6
 63 28.8 23.5 35.3



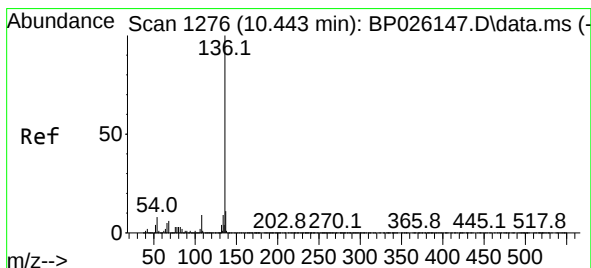
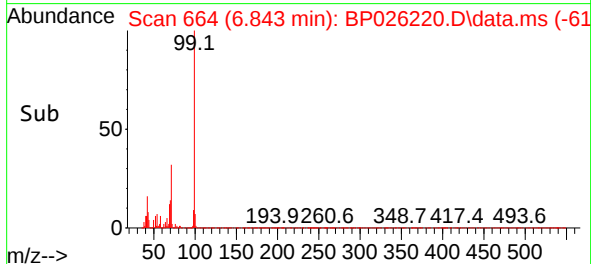
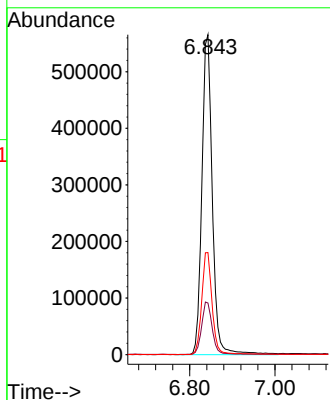


#7
Phenol-d6
Concen: 47.396 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

Instrument :
BNA_P
ClientSampleId :
SB-1125-21

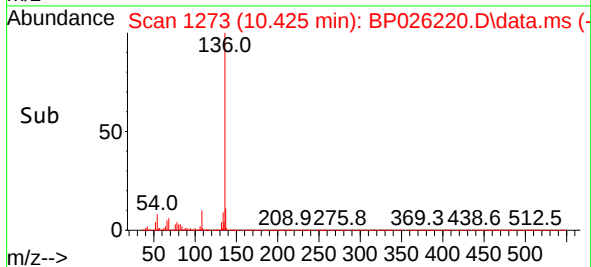
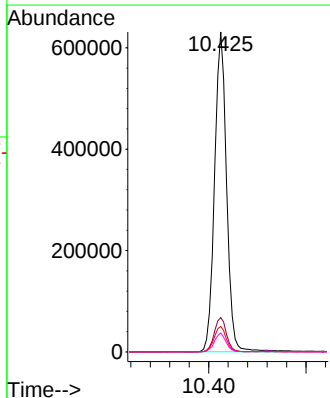
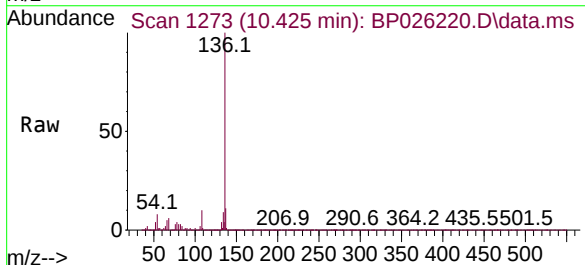


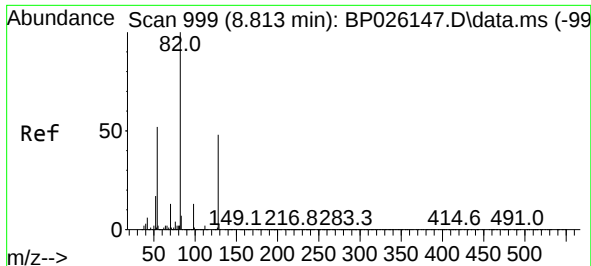
Tgt Ion: 99 Resp: 961175
Ion Ratio Lower Upper
99 100
42 16.1 12.9 19.3
71 31.9 24.8 37.2



#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

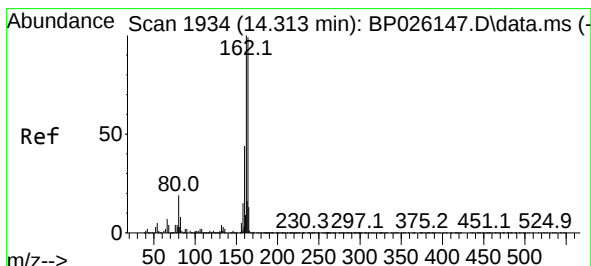
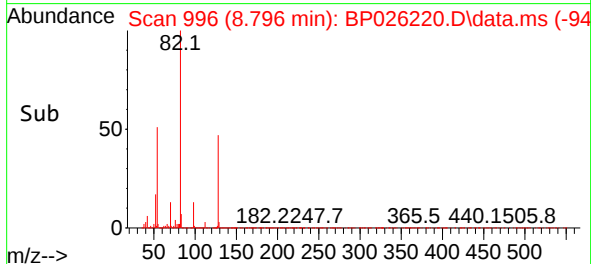
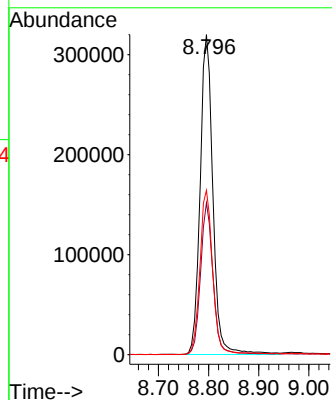
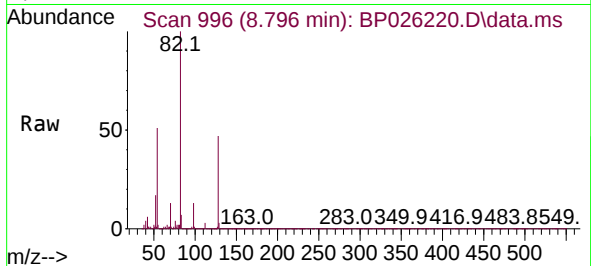




#23
Nitrobenzene-d5
Concen: 29.863 ng
RT: 8.796 min Scan# 999
Delta R.T. -0.018 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

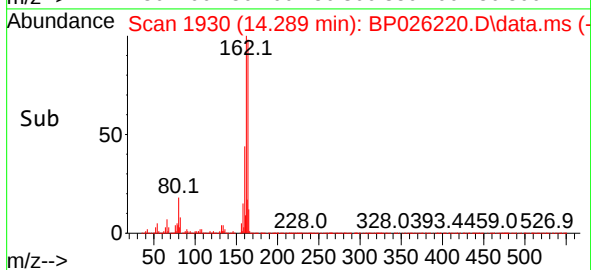
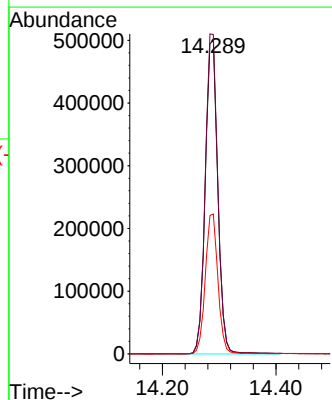
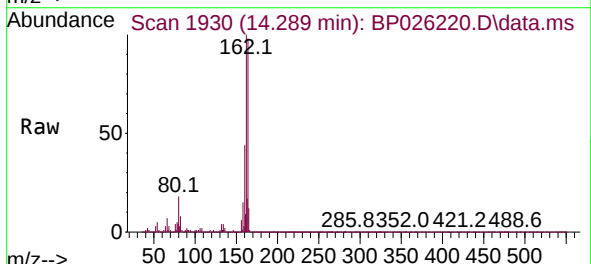
Instrument :
BNA_P
ClientSampleId :
SB-1125-21

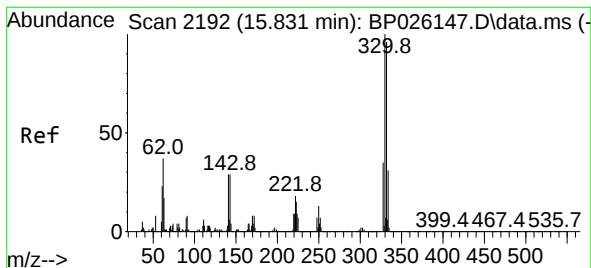
Tgt Ion: 82 Resp: 566209
Ion Ratio Lower Upper
82 100
128 47.4 37.4 56.0
54 51.3 41.6 62.4



#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# 21

Delta R.T. -0.035 min

Lab File: BP026220.D

Acq: 02 Dec 2025 23:24

Instrument :

BNA_P

ClientSampleId :

SB-1125-21

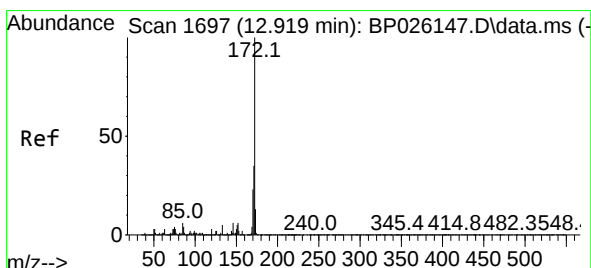
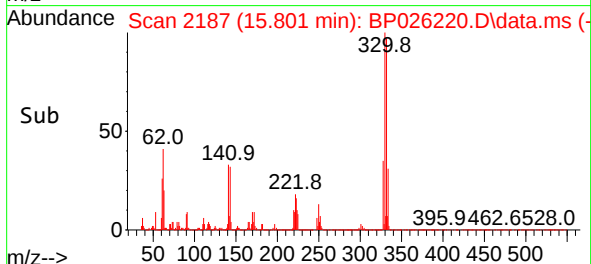
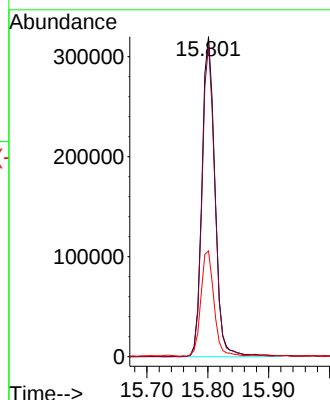
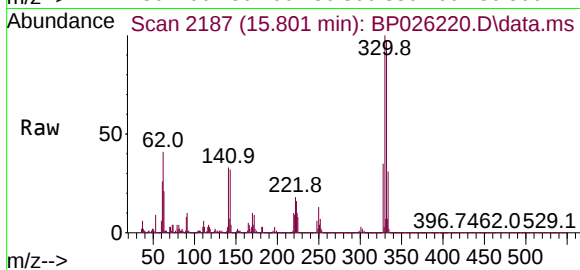
Tgt Ion:330 Resp: 473512

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

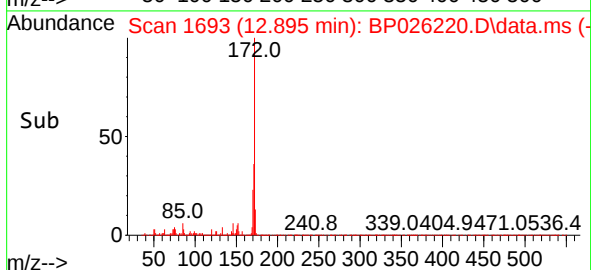
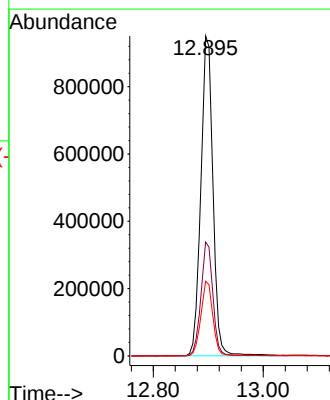
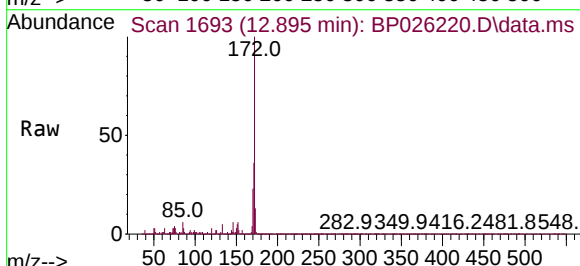
Tgt Ion:172 Resp: 1455232

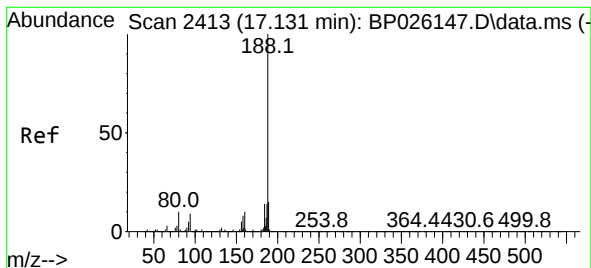
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.089 min Scan# 2413

Delta R.T. -0.041 min

Lab File: BP026220.D

Acq: 02 Dec 2025 23:24

Instrument :

BNA_P

ClientSampleId :

SB-1125-21

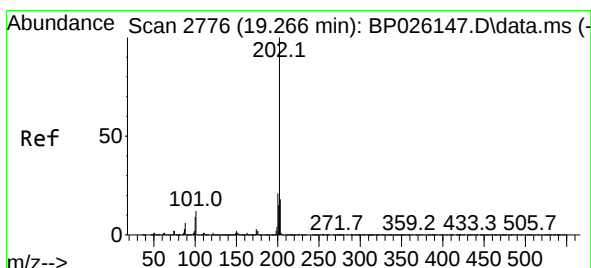
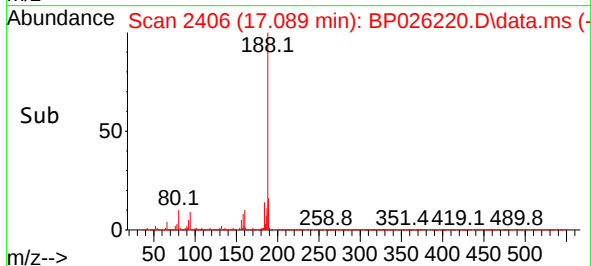
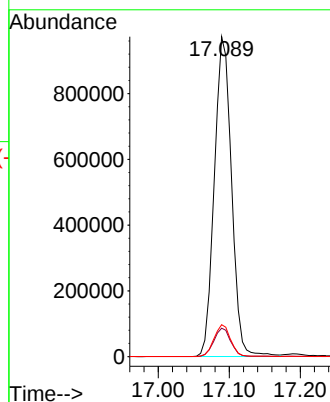
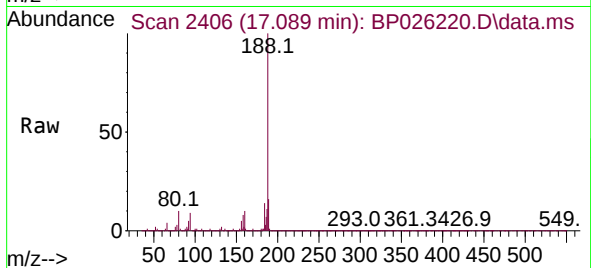
Tgt Ion:188 Resp: 1646385

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# 2771

Delta R.T. -0.029 min

Lab File: BP026220.D

Acq: 02 Dec 2025 23:24

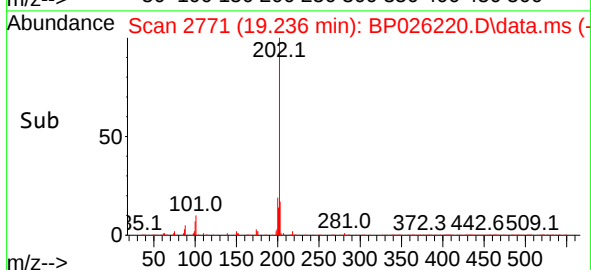
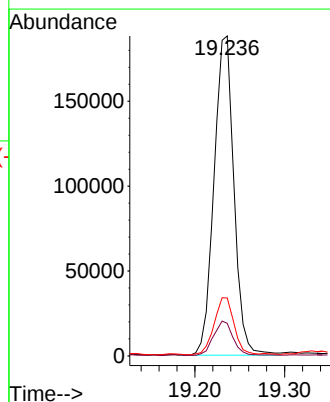
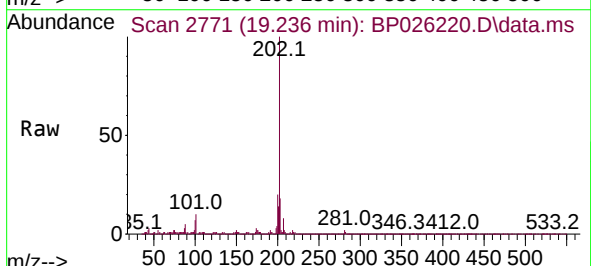
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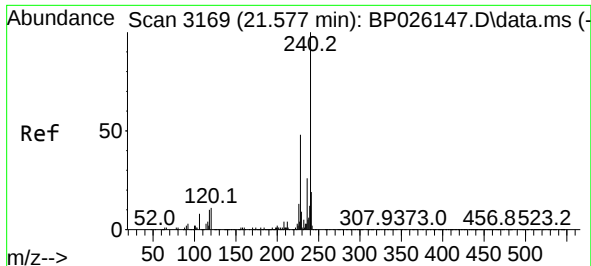
Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.2

203 18.1 0.0 37.7

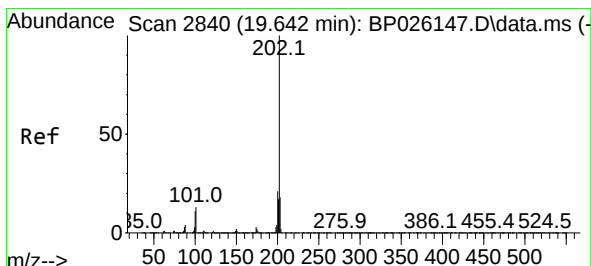
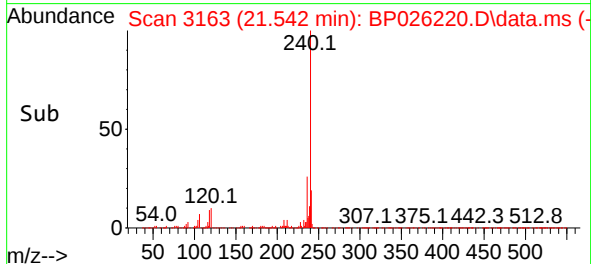
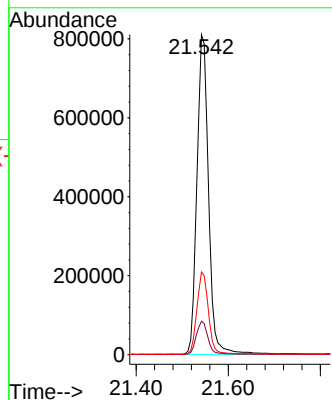
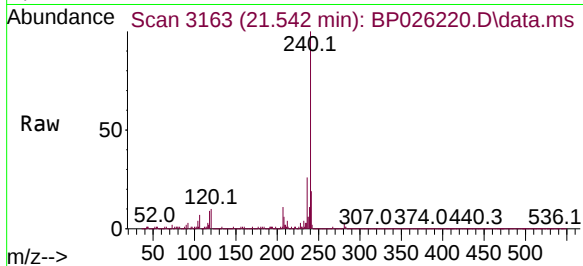




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.029 min
Lab File: BP026220.D
Acq: 02 Dec 2025 23:24

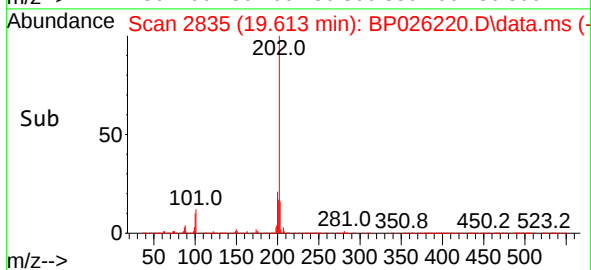
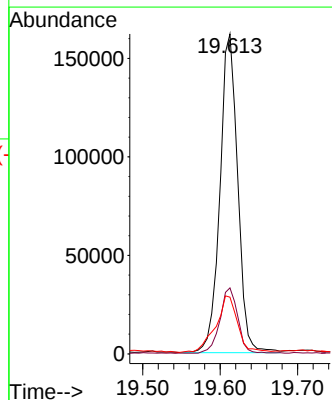
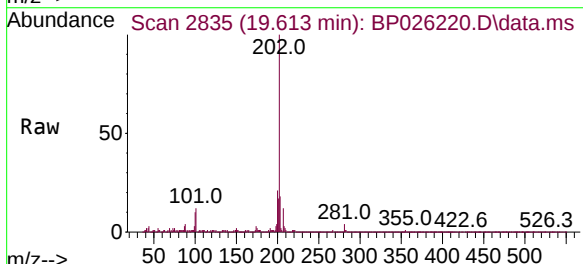
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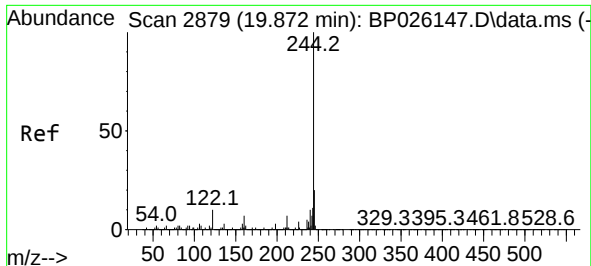
Tgt Ion:240 Resp: 1416708
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 25.8 20.4 30.6



#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

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

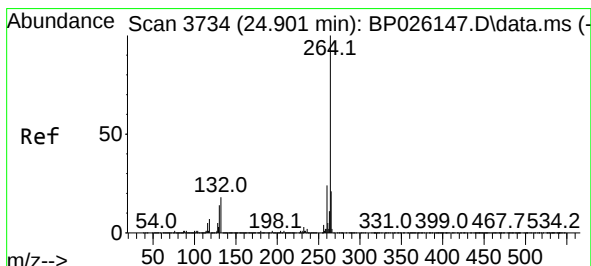
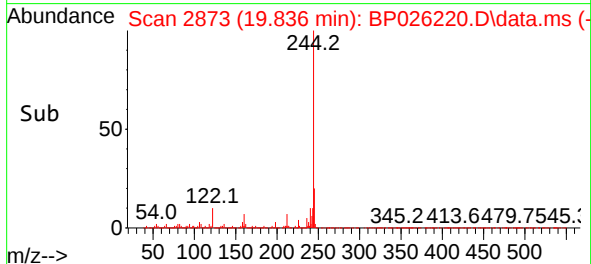
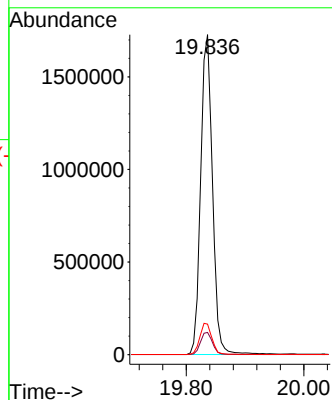
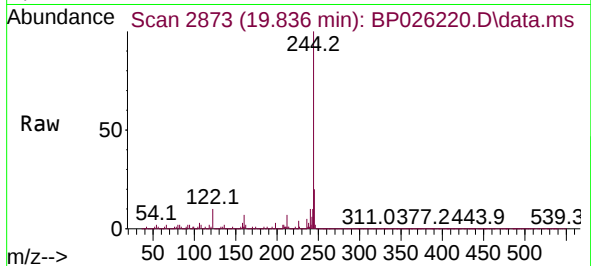




#79
 Terphenyl-d14
 Concen: 34.700 ng
 RT: 19.836 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BP026220.D
 Acq: 02 Dec 2025 23:24

Instrument :
 BNA_P
 ClientSampleId :
 SB-1125-21

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# 3727
 Delta R.T. -0.047 min
 Lab File: BP026220.D
 Acq: 02 Dec 2025 23:24

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

