

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
 Data File : BP025767.D
 Acq On : 16 Sep 2025 21:18
 Operator : CG/JU
 Sample : Q3106-03 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NB-08-09152025

Quant Time: Sep 17 05:13:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

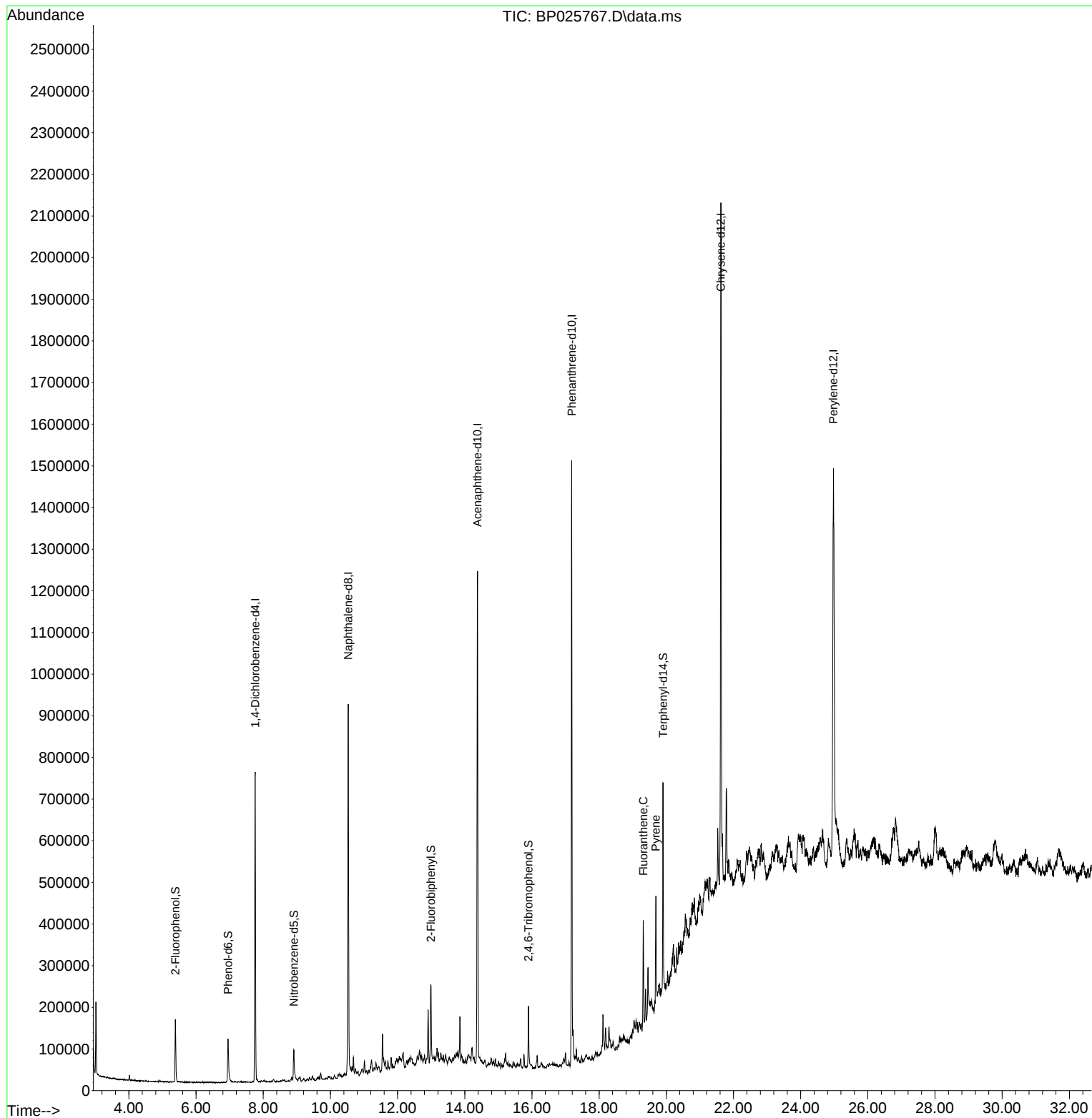
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	207643	20.000	ng	0.00
21) Naphthalene-d8	10.531	136	773044	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	455582	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	812499	20.000	ng	0.00
76) Chrysene-d12	21.624	240	890502	20.000	ng	-0.02
86) Perylene-d12	24.977	264	1007402	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	72056	5.599	ng	0.00
7) Phenol-d6	6.955	99	83186	4.863	ng	0.00
23) Nitrobenzene-d5	8.913	82	52870	3.017	ng	0.01
42) 2,4,6-Tribromophenol	15.895	330	26442	4.653	ng	-0.01
45) 2-Fluorobiphenyl	12.996	172	127342	3.722	ng	0.00
79) Terphenyl-d14	19.901	244	224030	4.526	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.313	202	139353	2.521	ng	98
78) Pyrene	19.689	202	157800	2.656	ng	100

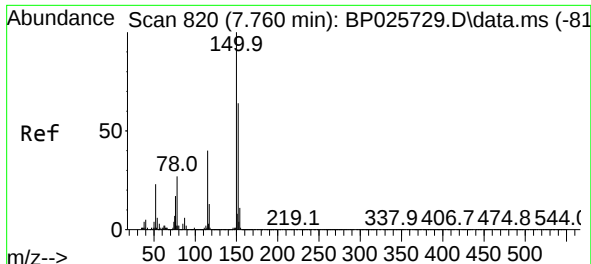
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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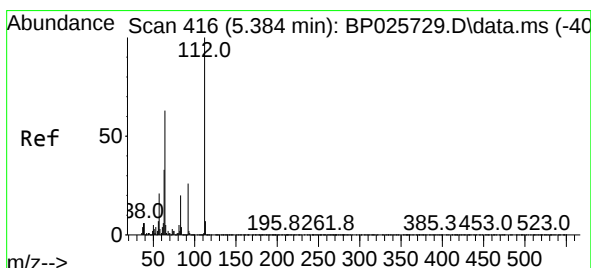
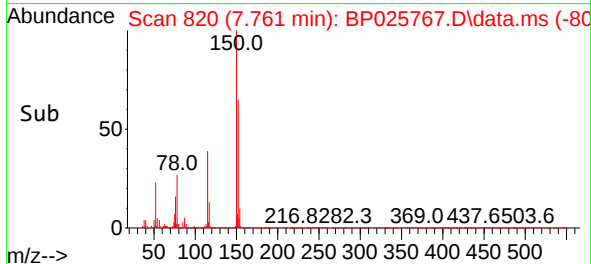
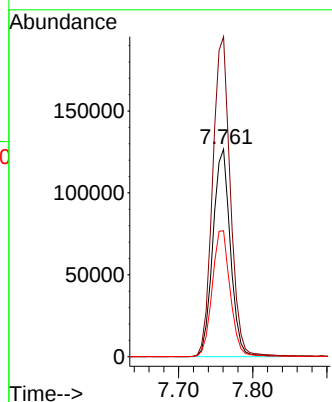
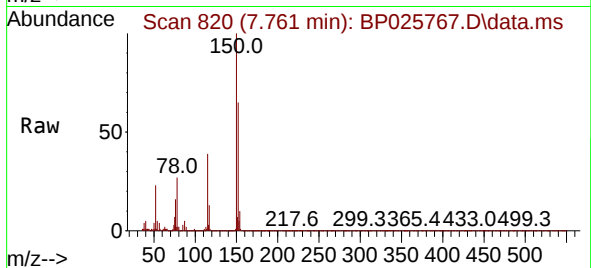




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.761 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP025767.D
Acq: 16 Sep 2025 21:18

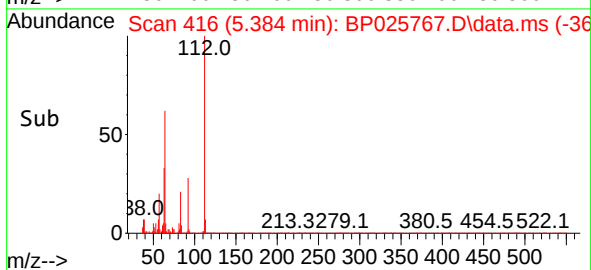
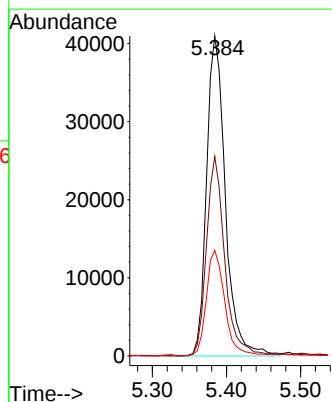
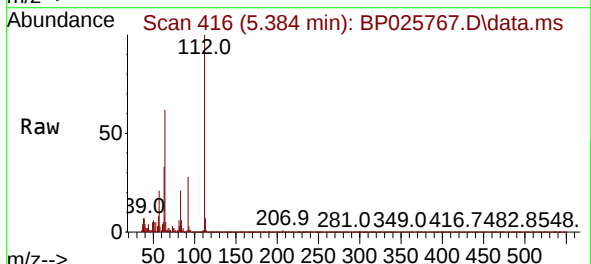
Instrument :
BNA_P
ClientSampleId :
NB-08-09152025

Tgt Ion:152 Resp: 207643
Ion Ratio Lower Upper
152 100
150 154.2 124.3 186.5
115 60.7 50.3 75.5



#5
2-Fluorophenol
Concen: 5.599 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025767.D
Acq: 16 Sep 2025 21:18

Tgt Ion:112 Resp: 72056
Ion Ratio Lower Upper
112 100
64 62.3 50.2 75.4
63 33.0 26.7 40.1

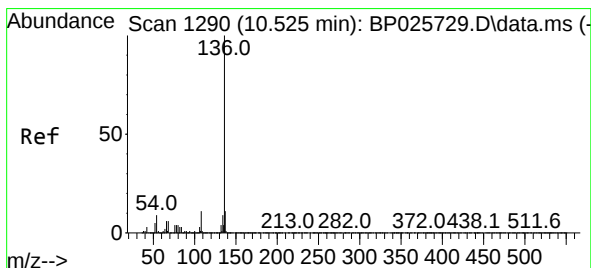
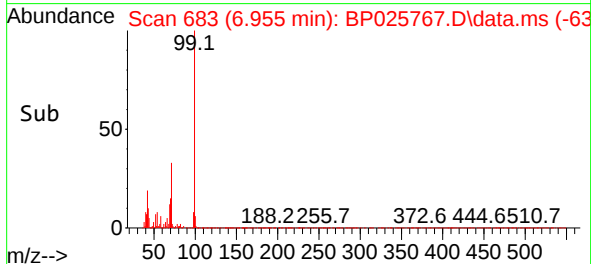
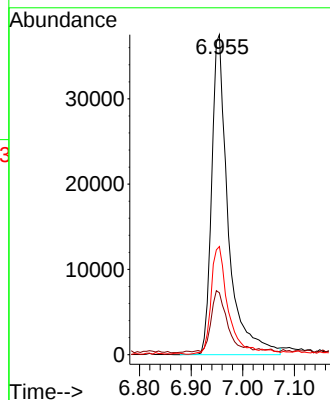
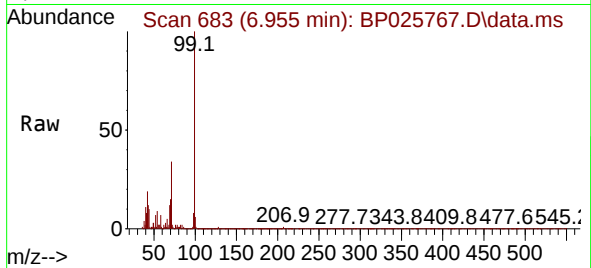




#7
Phenol-d6
Concen: 4.863 ng
RT: 6.955 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025767.D
Acq: 16 Sep 2025 21:18

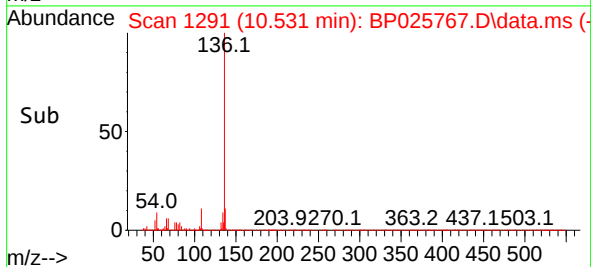
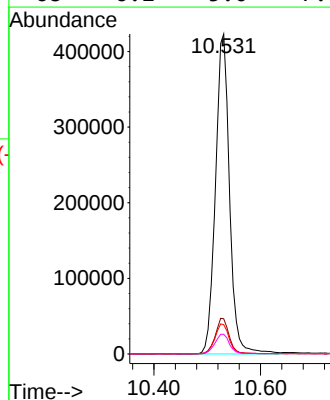
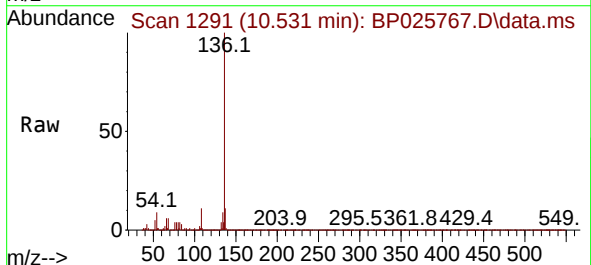
Instrument :
BNA_P
ClientSampleId :
NB-08-09152025

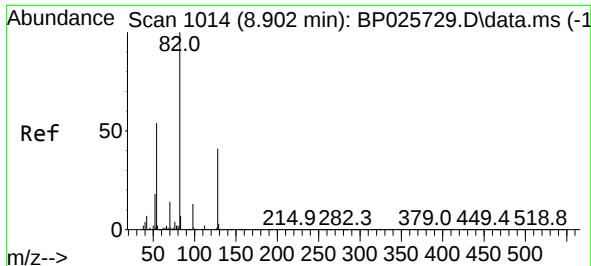
Tgt Ion: 99 Resp: 83186
Ion Ratio Lower Upper
99 100
42 19.3 15.6 23.4
71 33.8 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.531 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BP025767.D
Acq: 16 Sep 2025 21:18

Tgt Ion:136 Resp: 773044
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.2 7.5 11.3
68 6.2 5.0 7.6

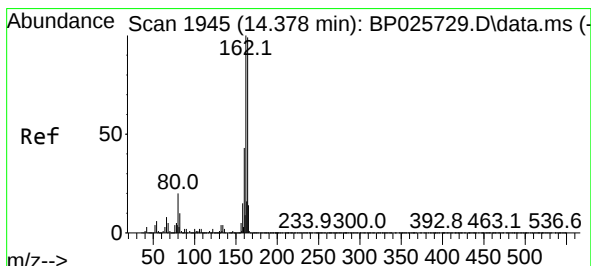
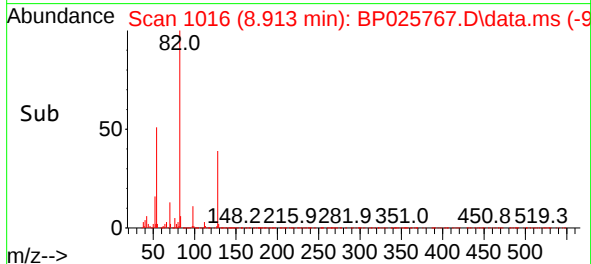
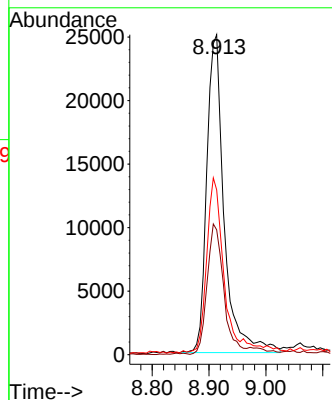
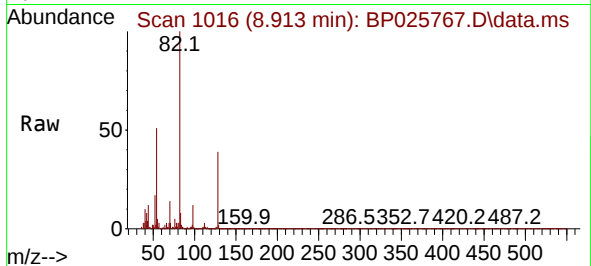




#23
Nitrobenzene-d5
Concen: 3.017 ng
RT: 8.913 min Scan# 1016
Delta R.T. 0.012 min
Lab File: BP025767.D
Acq: 16 Sep 2025 21:18

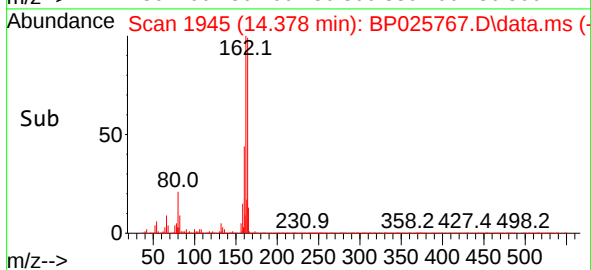
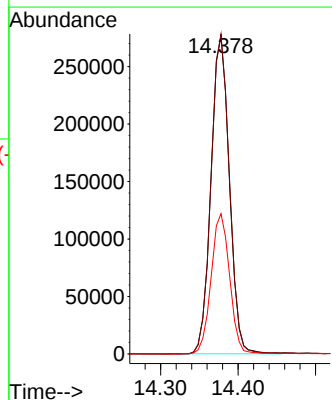
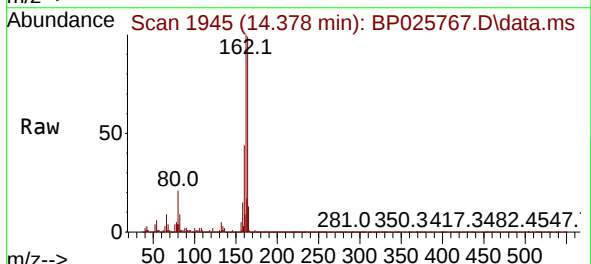
Instrument :
BNA_P
ClientSampleId :
NB-08-09152025

Tgt Ion: 82 Resp: 52870
Ion Ratio Lower Upper
82 100
128 39.0 32.9 49.3
54 51.5 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP025767.D
Acq: 16 Sep 2025 21:18

Tgt Ion:164 Resp: 455582
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.2 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 4.653 ng

RT: 15.895 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025767.D

Acq: 16 Sep 2025 21:18

Instrument :

BNA_P

ClientSampleId :

NB-08-09152025

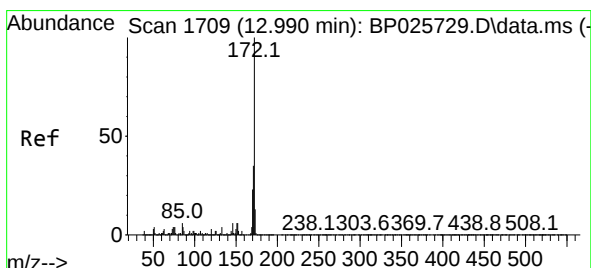
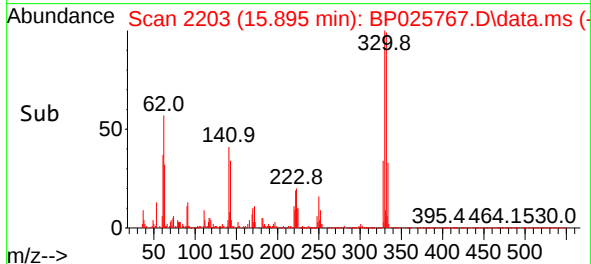
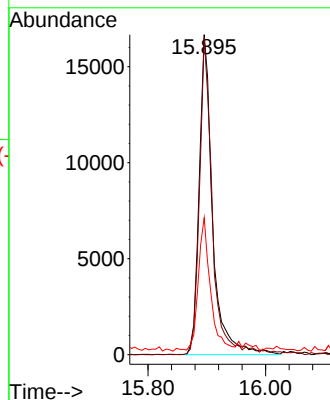
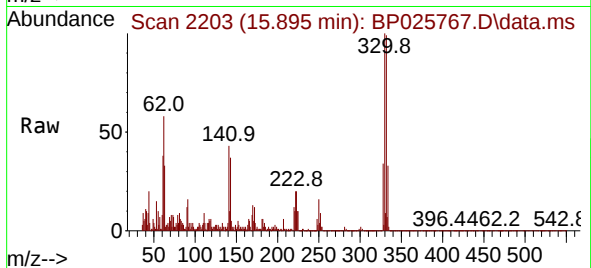
Tgt Ion:330 Resp: 26442

Ion Ratio Lower Upper

330 100

332 93.8 76.9 115.3

141 36.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 3.722 ng

RT: 12.996 min Scan# 1710

Delta R.T. 0.006 min

Lab File: BP025767.D

Acq: 16 Sep 2025 21:18

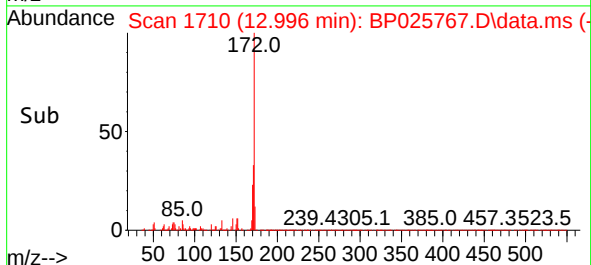
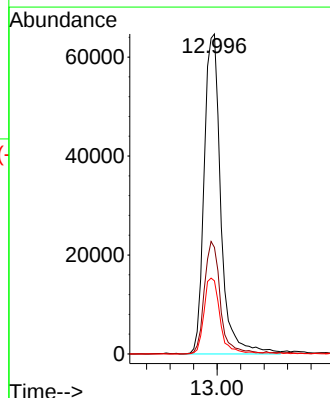
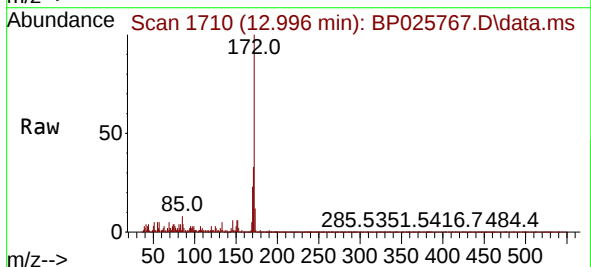
Tgt Ion:172 Resp: 127342

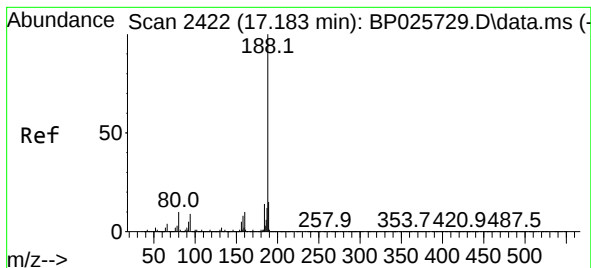
Ion Ratio Lower Upper

172 100

171 33.3 27.8 41.6

170 22.9 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.184 min Scan# 2422

Delta R.T. 0.000 min

Lab File: BP025767.D

Acq: 16 Sep 2025 21:18

Instrument :

BNA_P

ClientSampleId :

NB-08-09152025

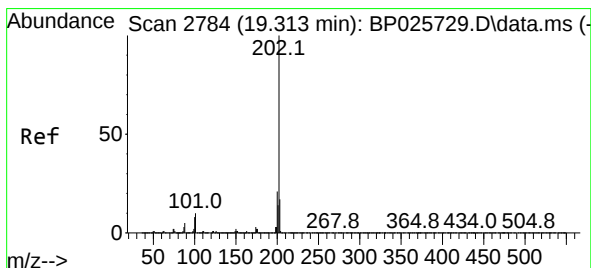
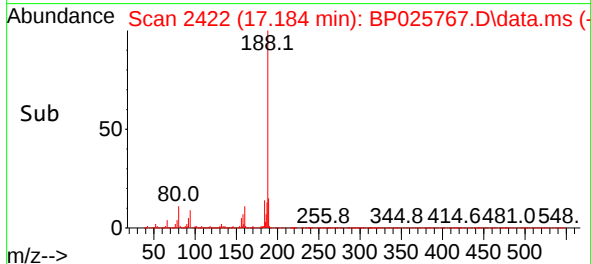
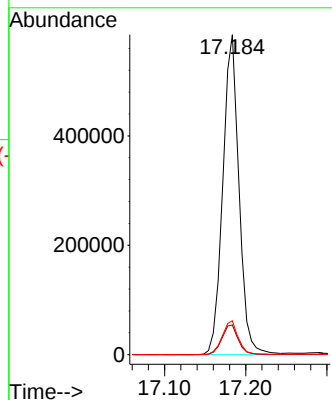
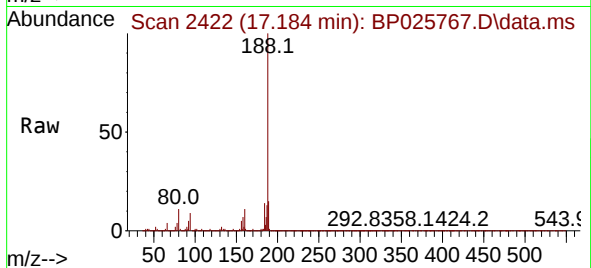
Tgt Ion:188 Resp: 812499

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.0

80 10.6 7.7 11.5



#75

Fluoranthene

Concen: 2.521 ng

RT: 19.313 min Scan# 2784

Delta R.T. 0.000 min

Lab File: BP025767.D

Acq: 16 Sep 2025 21:18

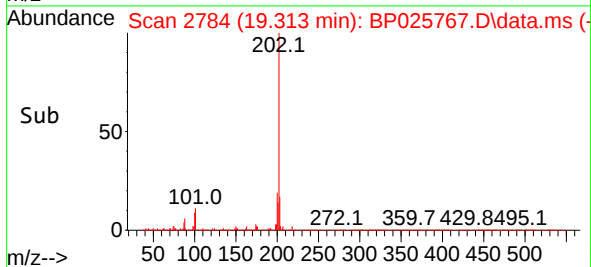
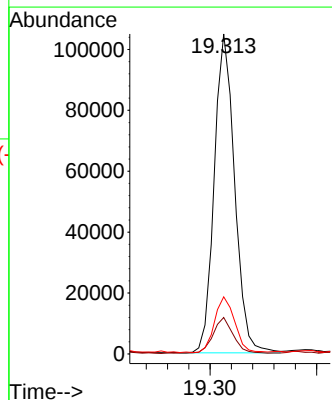
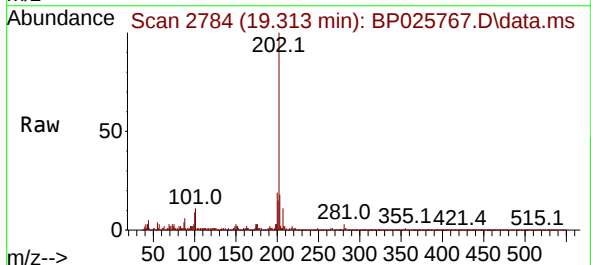
Tgt Ion:202 Resp: 139353

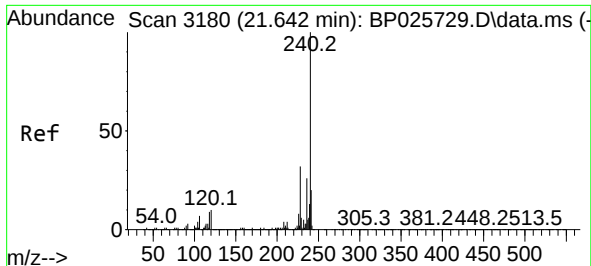
Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.4

203 17.8 0.0 37.4

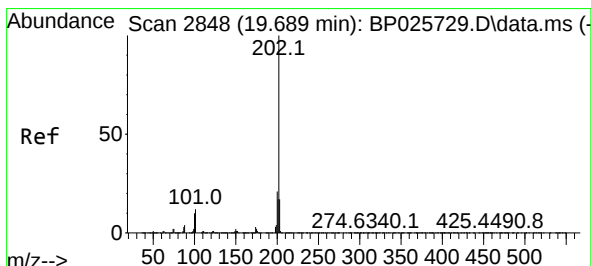
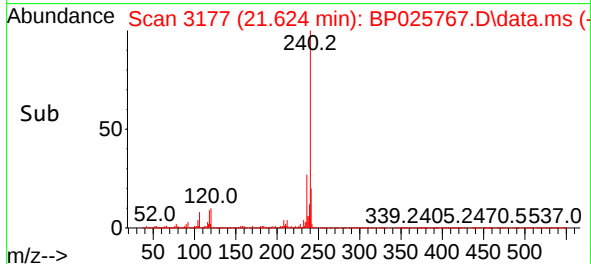
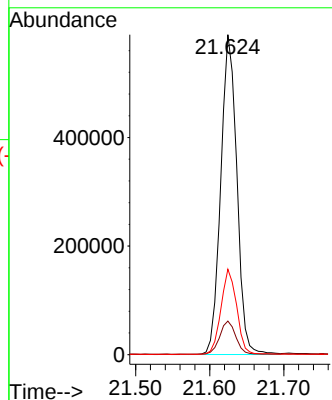
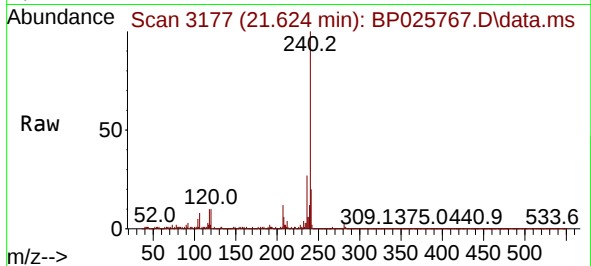




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3180
Delta R.T. -0.018 min
Lab File: BP025767.D
Acq: 16 Sep 2025 21:18

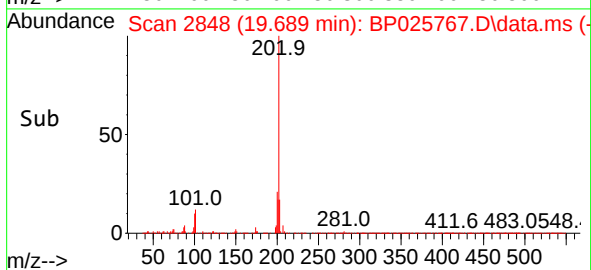
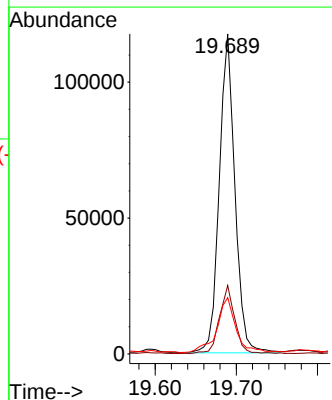
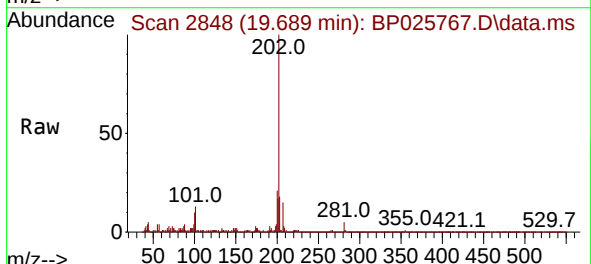
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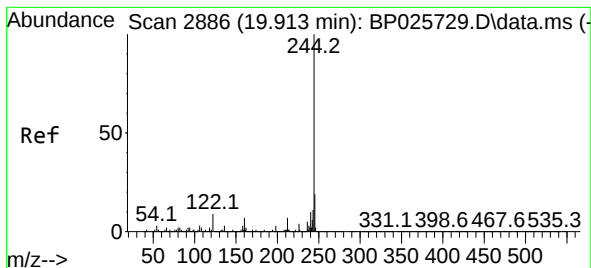
Tgt Ion:240 Resp: 890502
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 26.7 20.7 31.1



#78
Pyrene
Concen: 2.656 ng
RT: 19.689 min Scan# 2848
Delta R.T. 0.000 min
Lab File: BP025767.D
Acq: 16 Sep 2025 21:18

Tgt Ion:202 Resp: 157800
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 4.526 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025767.D

Acq: 16 Sep 2025 21:18

Instrument :

BNA_P

ClientSampleId :

NB-08-09152025

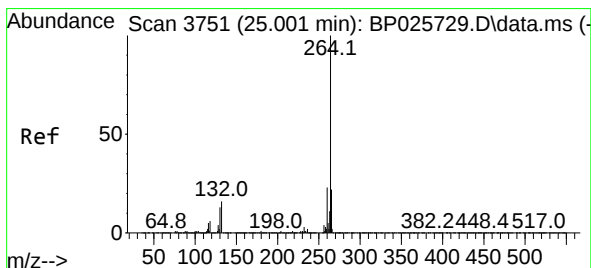
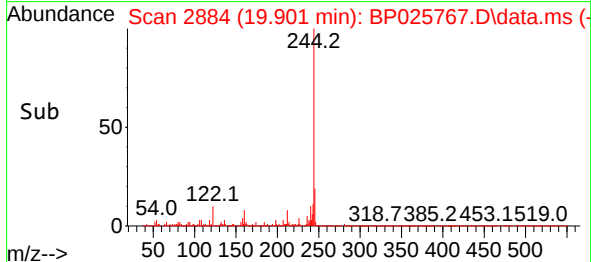
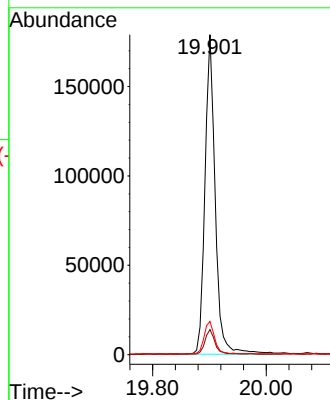
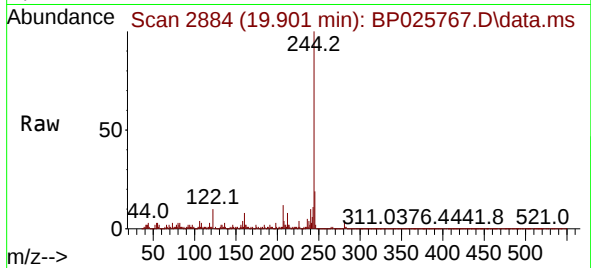
Tgt Ion:244 Resp: 224030

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

122 10.4 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.977 min Scan# 3747

Delta R.T. -0.023 min

Lab File: BP025767.D

Acq: 16 Sep 2025 21:18

Tgt Ion:264 Resp: 1007402

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 22.1 17.3 25.9

