

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025927.D
 Acq On : 06 Oct 2025 17:42
 Operator : CG/JU
 Sample : Q3269-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EG1-TP1

Quant Time: Oct 06 19:13:42 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)

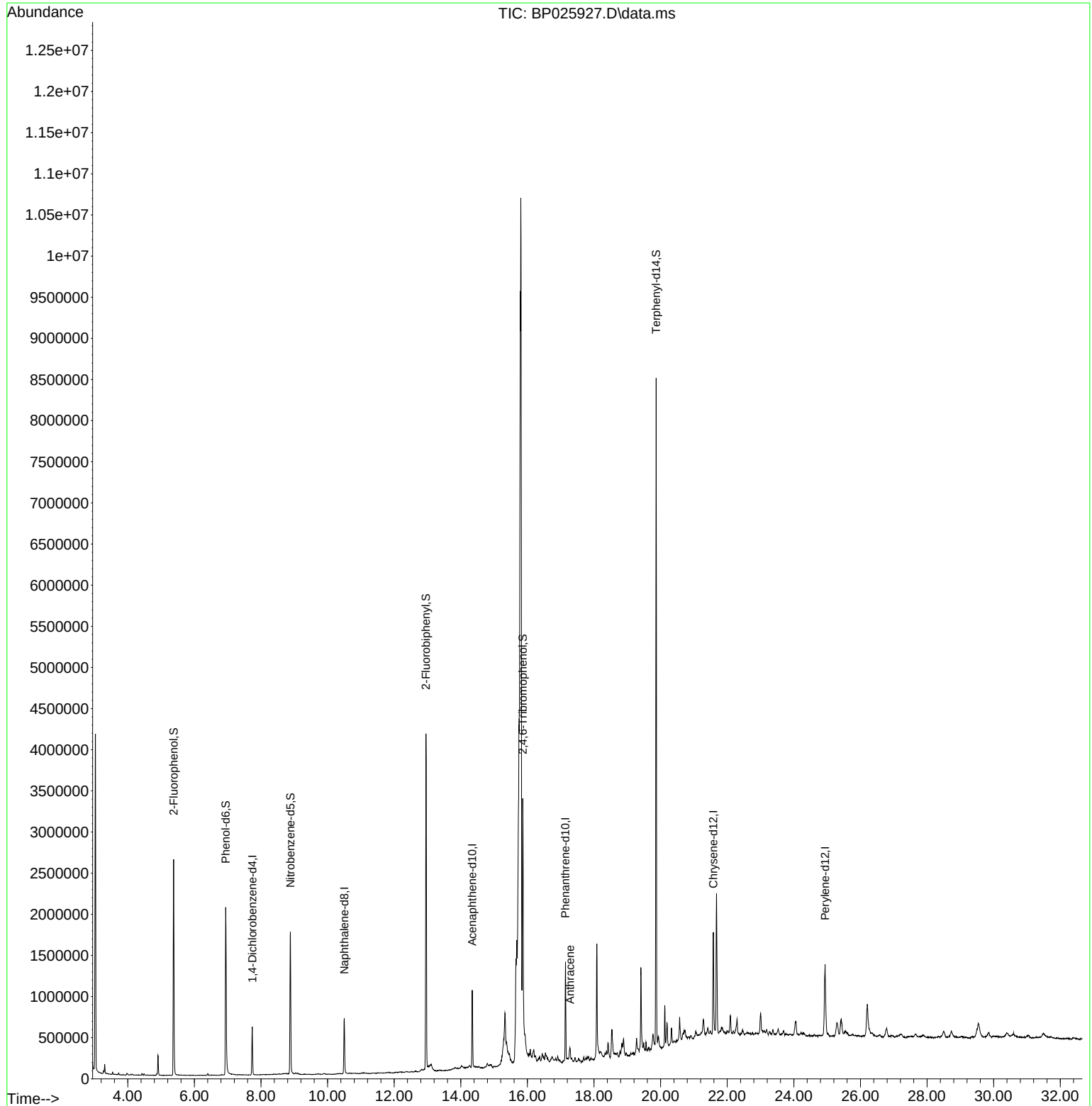
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	157366	20.000	ng	-0.02
21) Naphthalene-d8	10.501	136	588420	20.000	ng	-0.02
39) Acenaphthene-d10	14.342	164	363288	20.000	ng	-0.04
64) Phenanthrene-d10	17.142	188	710954	20.000	ng	-0.04
76) Chrysene-d12	21.583	240	812839	20.000	ng	-0.06
86) Perylene-d12	24.936	264	929499	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1199438	122.984	ng	0.00
7) Phenol-d6	6.943	99	1405103	108.391	ng	0.00
23) Nitrobenzene-d5	8.884	82	1034928	77.583	ng	-0.02
42) 2,4,6-Tribromophenol	15.860	330	632722	139.634	ng	-0.05
45) 2-Fluorobiphenyl	12.954	172	2220267	81.376	ng	-0.04
79) Terphenyl-d14	19.866	244	3671040	81.248	ng	-0.05
Target Compounds						
72) Anthracene	17.278	178	131862	3.222	ng	Qvalue 96

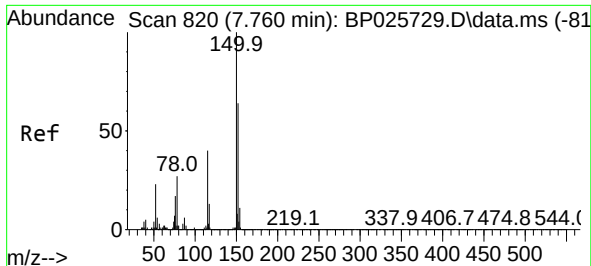
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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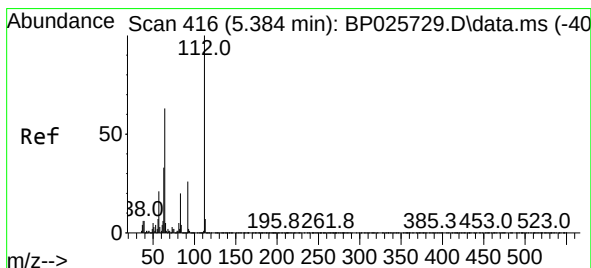
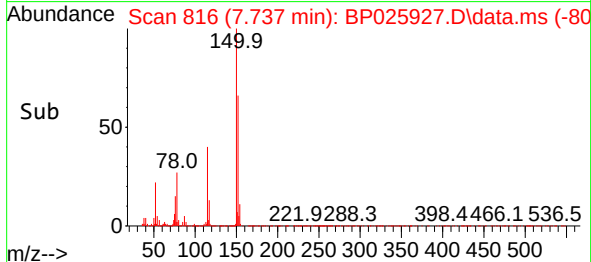
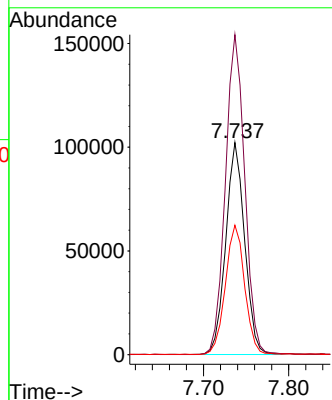
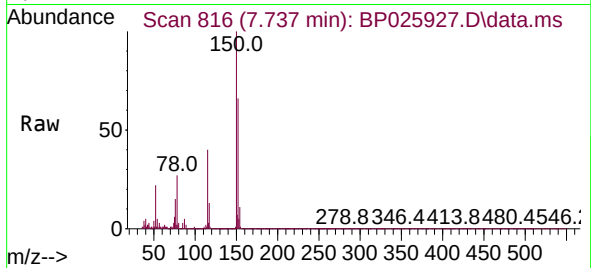




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.737 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BP025927.D
 Acq: 06 Oct 2025 17:42

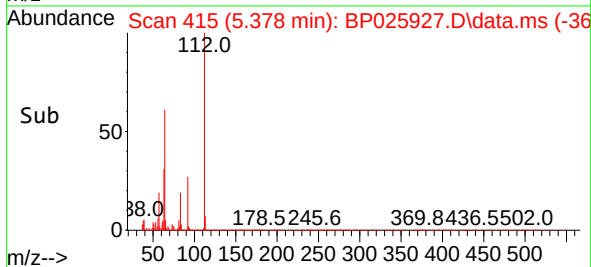
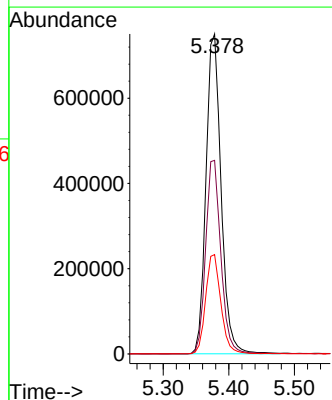
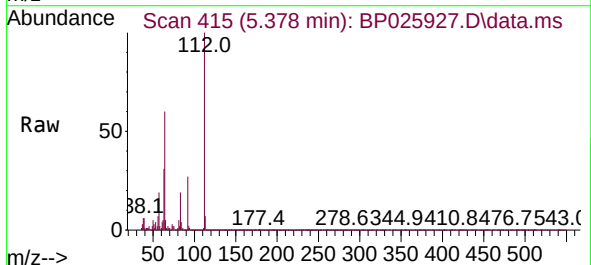
Instrument :
 BNA_P
 ClientSampleId :
 EG1-TP1

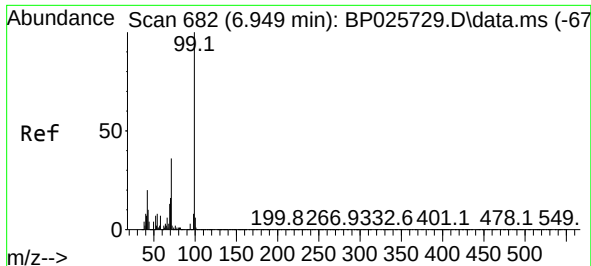
Tgt Ion:152 Resp: 157366
 Ion Ratio Lower Upper
 152 100
 150 150.9 124.3 186.5
 115 61.0 50.3 75.5



#5
 2-Fluorophenol
 Concen: 122.984 ng
 RT: 5.378 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: BP025927.D
 Acq: 06 Oct 2025 17:42

Tgt Ion:112 Resp: 1199438
 Ion Ratio Lower Upper
 112 100
 64 60.5 50.2 75.4
 63 31.0 26.7 40.1

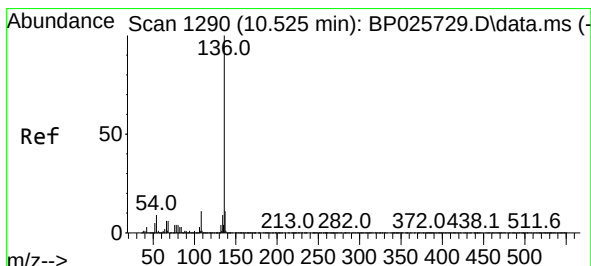
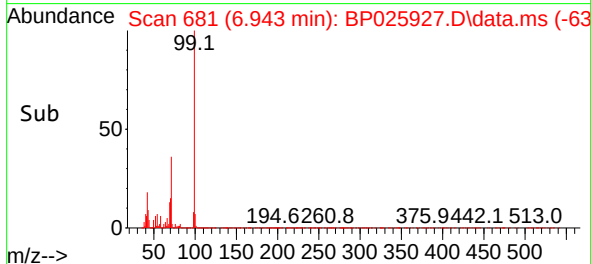
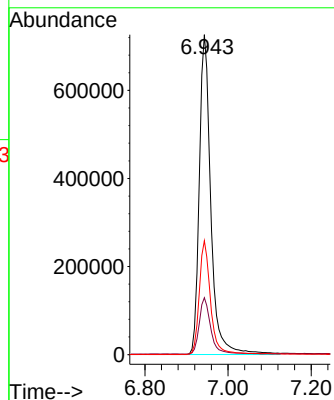
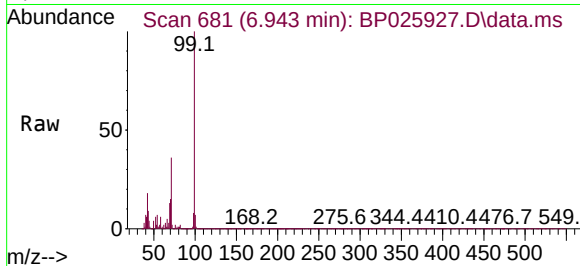




#7
Phenol-d6
Concen: 108.391 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025927.D
Acq: 06 Oct 2025 17:42

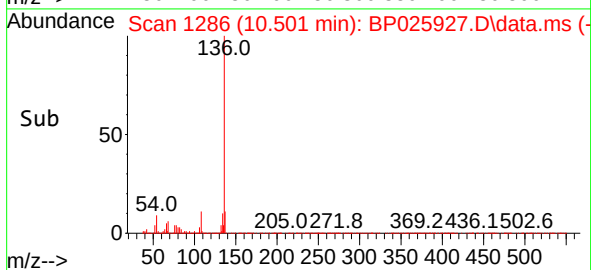
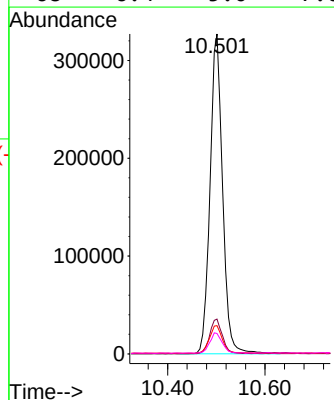
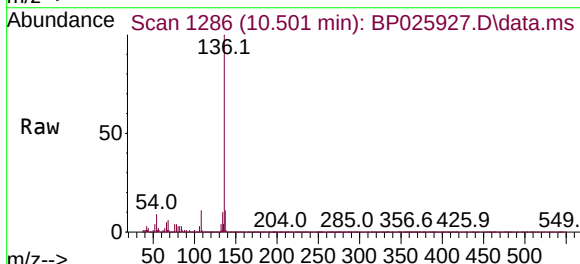
Instrument :
BNA_P
ClientSampleId :
EG1-TP1

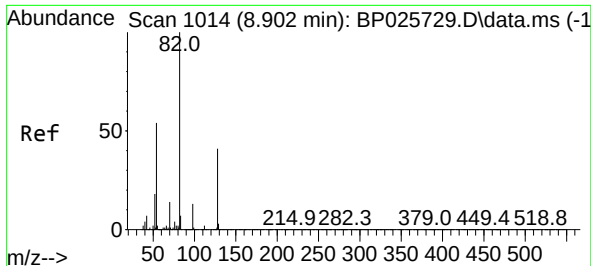
Tgt Ion: 99 Resp: 1405103
Ion Ratio Lower Upper
99 100
42 17.8 15.6 23.4
71 35.6 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.501 min Scan# 1286
Delta R.T. -0.024 min
Lab File: BP025927.D
Acq: 06 Oct 2025 17:42

Tgt Ion:136 Resp: 588420
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.8 7.5 11.3
68 6.4 5.0 7.6

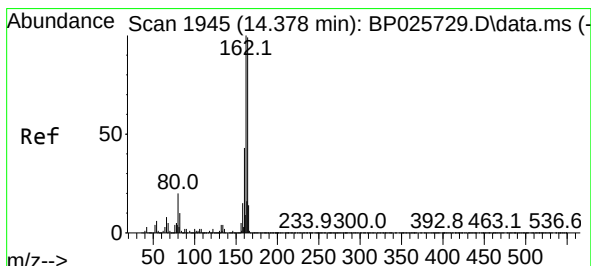
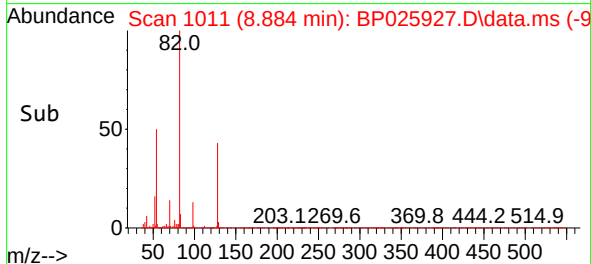
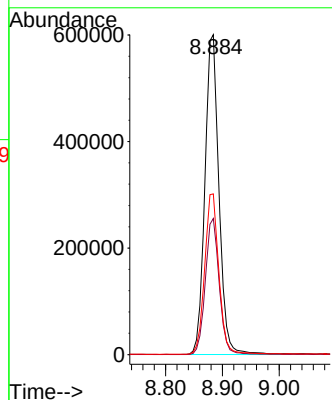
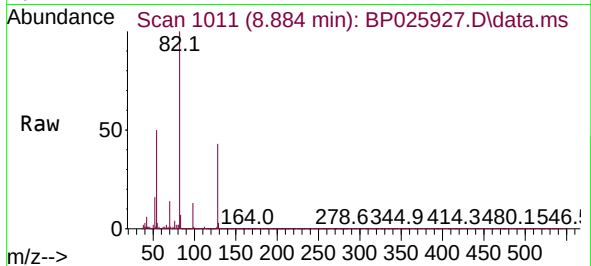




#23
Nitrobenzene-d5
Concen: 77.583 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025927.D
Acq: 06 Oct 2025 17:42

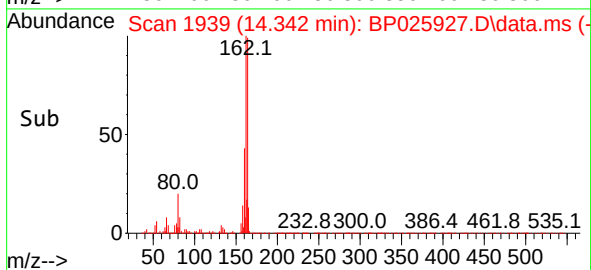
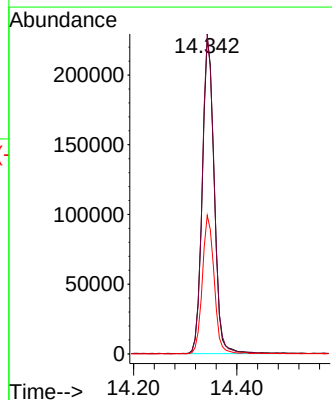
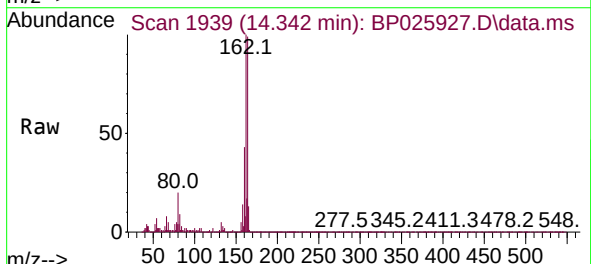
Instrument :
BNA_P
ClientSampleId :
EG1-TP1

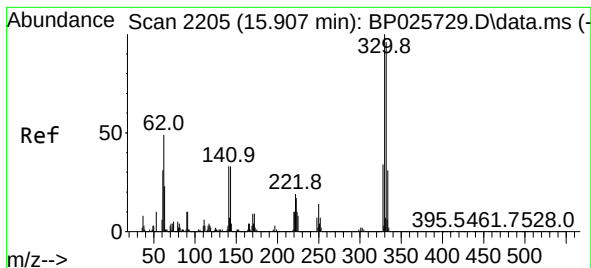
Tgt Ion: 82 Resp: 1034928
Ion Ratio Lower Upper
82 100
128 42.5 32.9 49.3
54 50.2 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.342 min Scan# 1939
Delta R.T. -0.035 min
Lab File: BP025927.D
Acq: 06 Oct 2025 17:42

Tgt Ion:164 Resp: 363288
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 43.9 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 139.634 ng

RT: 15.860 min Scan# 21

Delta R.T. -0.047 min

Lab File: BP025927.D

Acq: 06 Oct 2025 17:42

Instrument :

BNA_P

ClientSampleId :

EG1-TP1

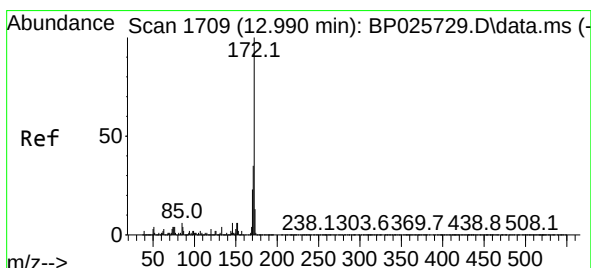
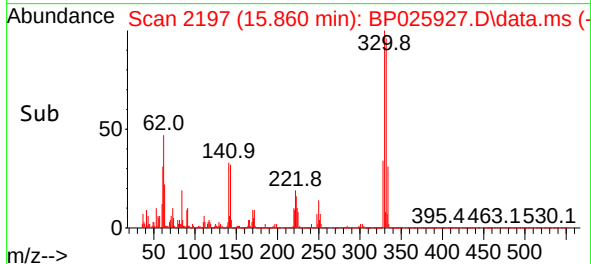
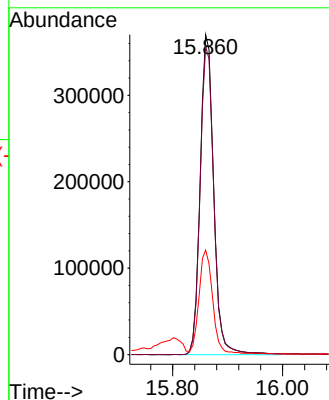
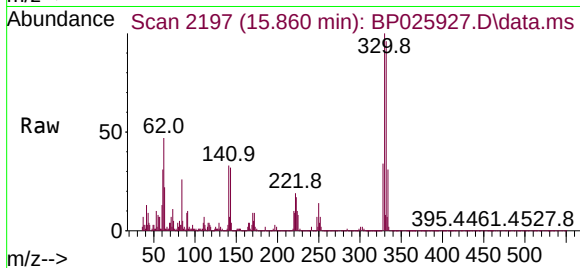
Tgt Ion:330 Resp: 632722

Ion Ratio Lower Upper

330 100

332 97.6 76.9 115.3

141 33.0 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 81.376 ng

RT: 12.954 min Scan# 1703

Delta R.T. -0.035 min

Lab File: BP025927.D

Acq: 06 Oct 2025 17:42

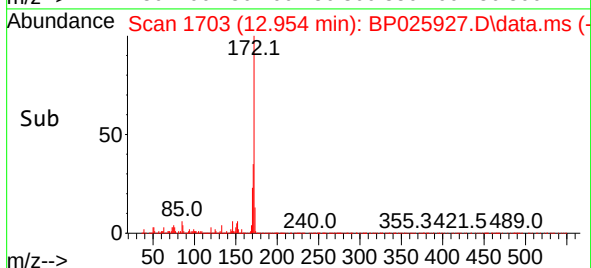
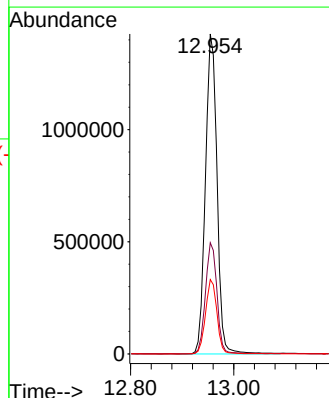
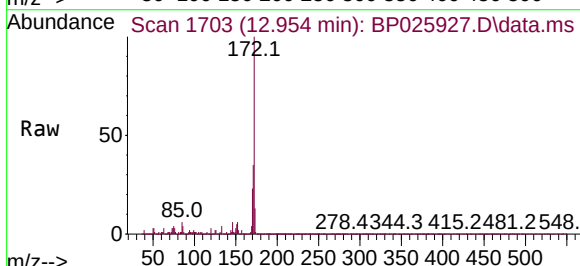
Tgt Ion:172 Resp: 2220267

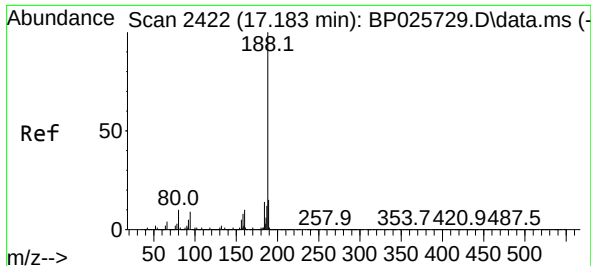
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.3 18.6 27.8

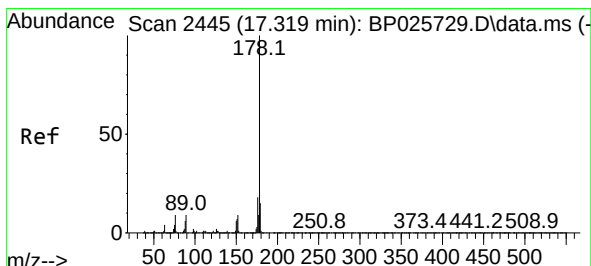
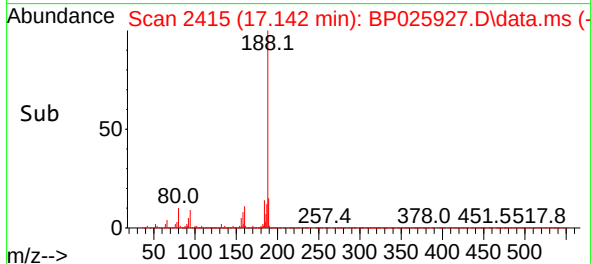
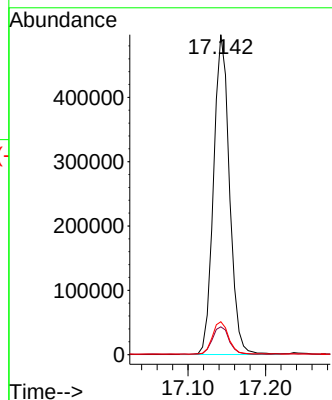
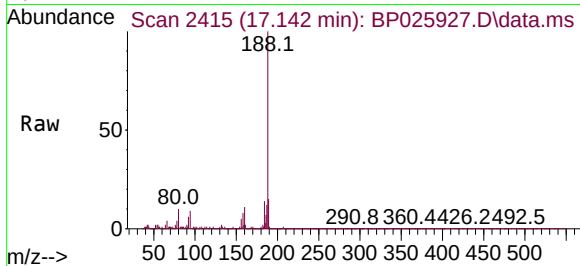




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 24
Delta R.T. -0.041 min
Lab File: BP025927.D
Acq: 06 Oct 2025 17:42

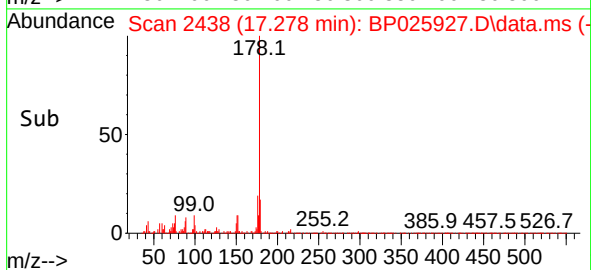
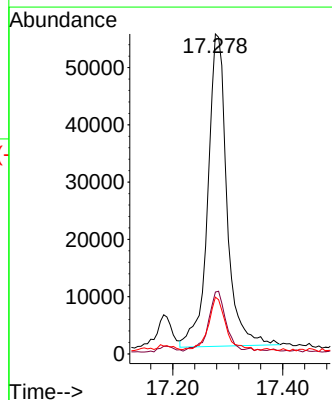
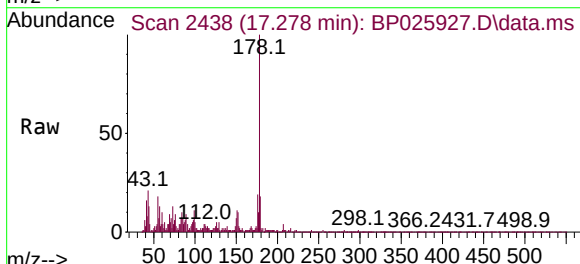
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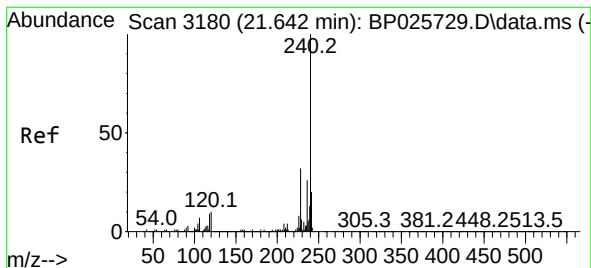
Tgt Ion:188 Resp: 710954
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.0
80 10.3 7.7 11.5



#72
Anthracene
Concen: 3.222 ng
RT: 17.278 min Scan# 2438
Delta R.T. -0.041 min
Lab File: BP025927.D
Acq: 06 Oct 2025 17:42

Tgt Ion:178 Resp: 131862
Ion Ratio Lower Upper
178 100
176 19.3 14.8 22.2
179 17.7 12.2 18.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 31

Delta R.T. -0.059 min

Lab File: BP025927.D

Acq: 06 Oct 2025 17:42

Instrument :

BNA_P

ClientSampleId :

EG1-TP1

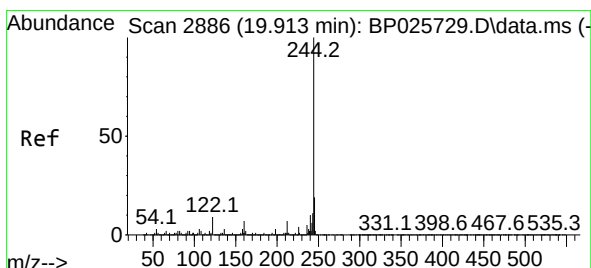
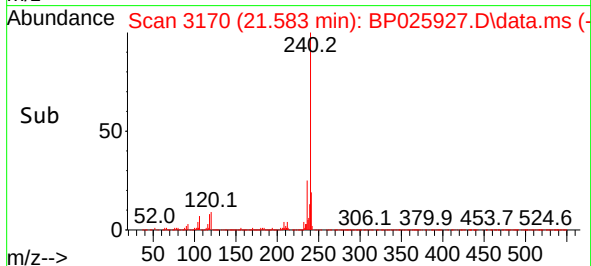
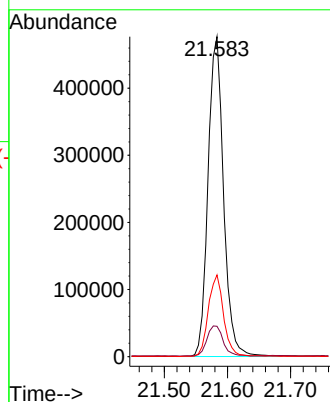
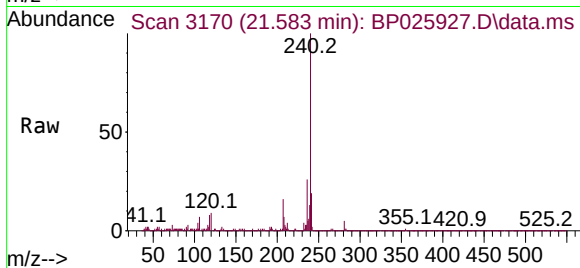
Tgt Ion:240 Resp: 812839

Ion Ratio Lower Upper

240 100

120 9.5 8.0 12.0

236 25.5 20.7 31.1



#79

Terphenyl-d14

Concen: 81.248 ng

RT: 19.866 min Scan# 2878

Delta R.T. -0.047 min

Lab File: BP025927.D

Acq: 06 Oct 2025 17:42

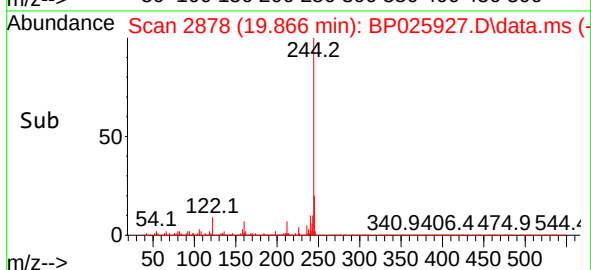
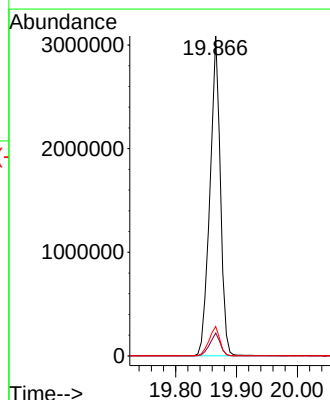
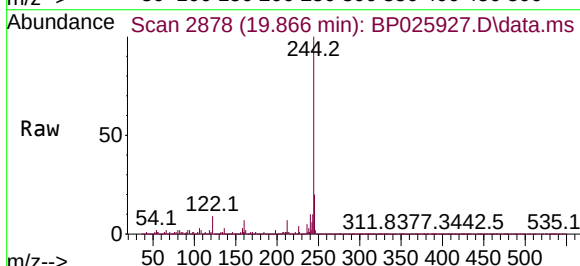
Tgt Ion:244 Resp: 3671040

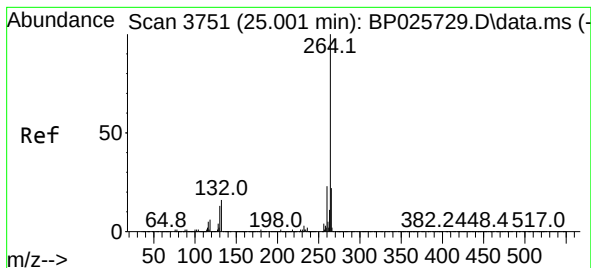
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 9.2 7.1 10.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.936 min Scan# 31

Delta R.T. -0.065 min

Lab File: BP025927.D

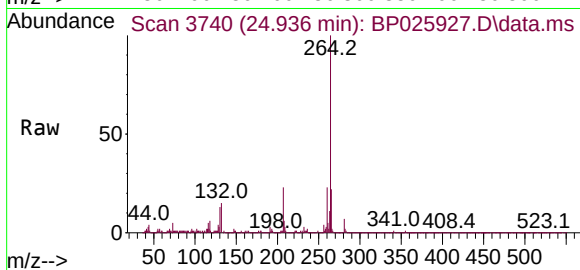
Acq: 06 Oct 2025 17:42

Instrument :

BNA_P

ClientSampleId :

EG1-TP1



Tgt Ion:264 Resp: 929499

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 22.2 17.3 25.9

