

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100325\
 Data File : BP025916.D
 Acq On : 03 Oct 2025 16:21
 Operator : CG/JU
 Sample : Q3269-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EG1-TP2

Quant Time: Oct 03 16:43:00 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)

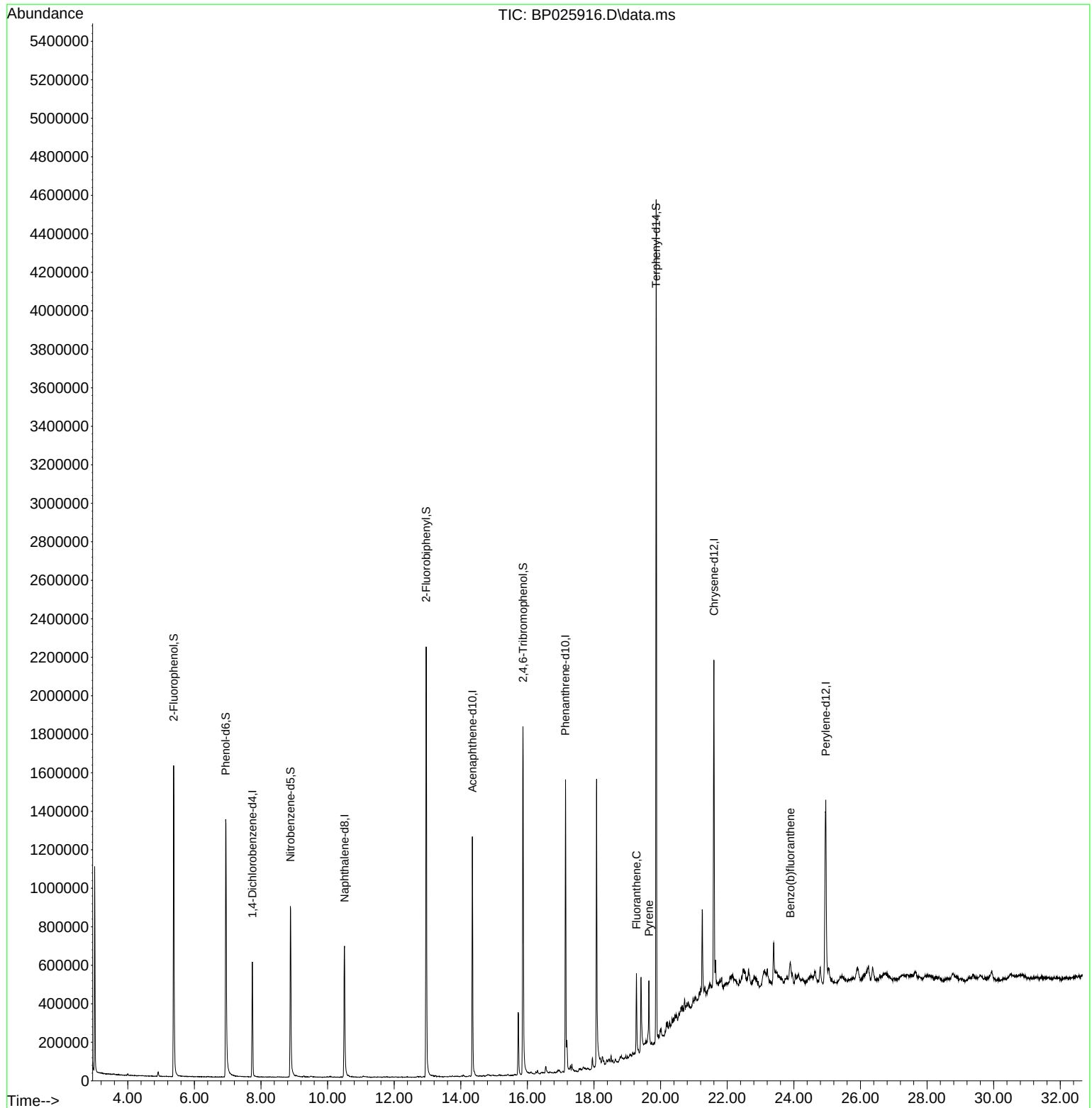
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	177753	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	691387	20.000	ng	-0.02
39) Acenaphthene-d10	14.348	164	462430	20.000	ng	-0.03
64) Phenanthrene-d10	17.142	188	949825	20.000	ng	-0.04
76) Chrysene-d12	21.601	240	989477	20.000	ng	-0.04
86) Perylene-d12	24.959	264	1070328	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	775419	70.388	ng	0.00
7) Phenol-d6	6.943	99	977993	66.791	ng	0.00
23) Nitrobenzene-d5	8.884	82	630266	40.211	ng	-0.02
42) 2,4,6-Tribromophenol	15.866	330	433818	75.213	ng	-0.04
45) 2-Fluorobiphenyl	12.960	172	1372637	39.523	ng	-0.03
79) Terphenyl-d14	19.866	244	2136819	38.850	ng	-0.05
Target Compounds						
75) Fluoranthene	19.272	202	219563	3.398	ng	Qvalue 99
78) Pyrene	19.648	202	213726	3.237	ng	98
88) Benzo(b)fluoranthene	23.895	252	132741	2.028	ng	# 93

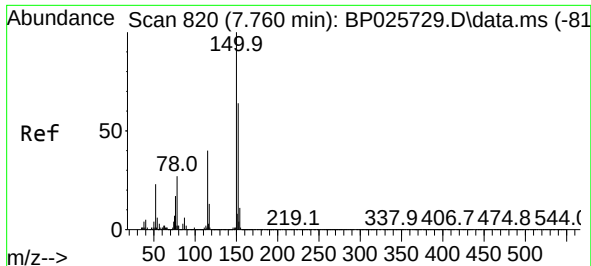
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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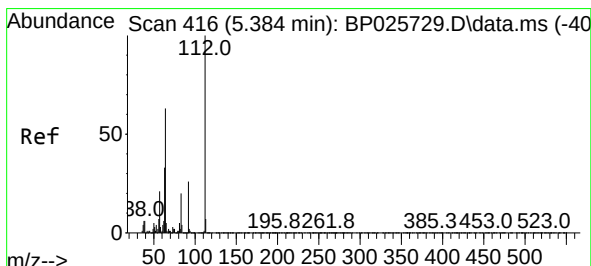
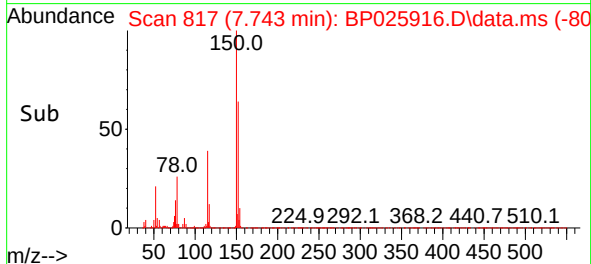
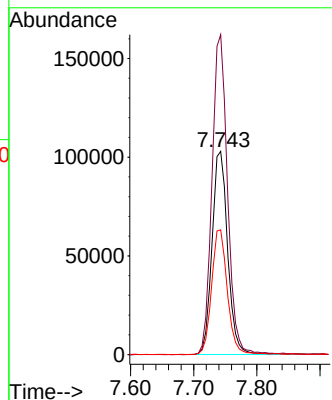
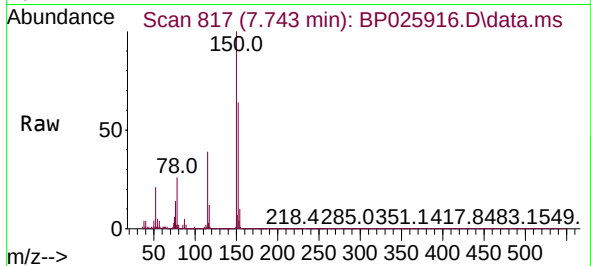


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.743 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: BP025916.D
 Acq: 03 Oct 2025 16:21

Instrument :
 BNA_P
 ClientSampleId :
 EG1-TP2

Tgt Ion:152 Resp: 177753

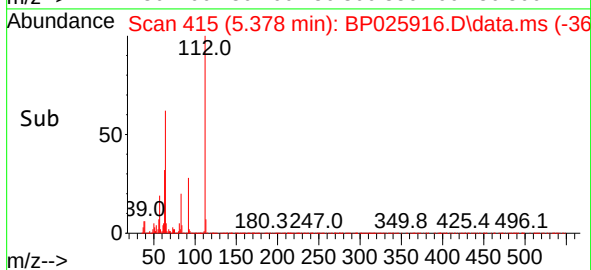
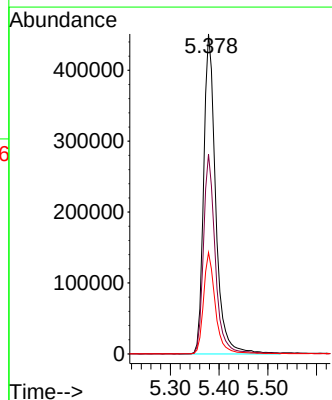
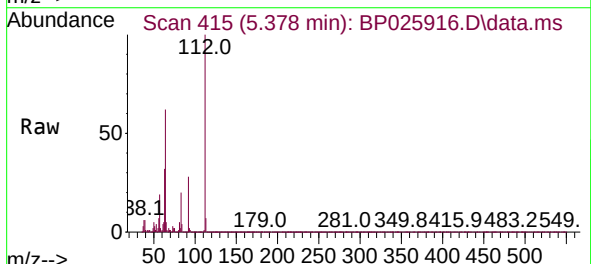
Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.3	186.5
115	61.3	50.3	75.5

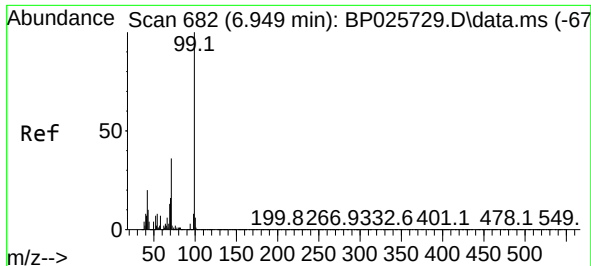


#5
 2-Fluorophenol
 Concen: 70.388 ng
 RT: 5.378 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: BP025916.D
 Acq: 03 Oct 2025 16:21

Tgt Ion:112 Resp: 775419

Ion	Ratio	Lower	Upper
112	100		
64	62.4	50.2	75.4
63	31.7	26.7	40.1

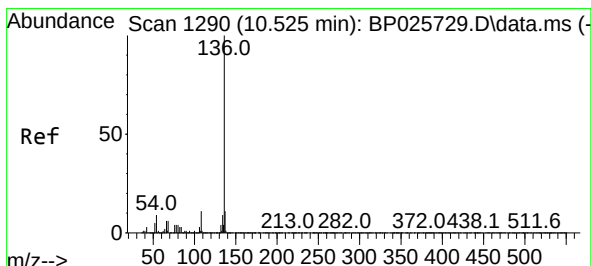
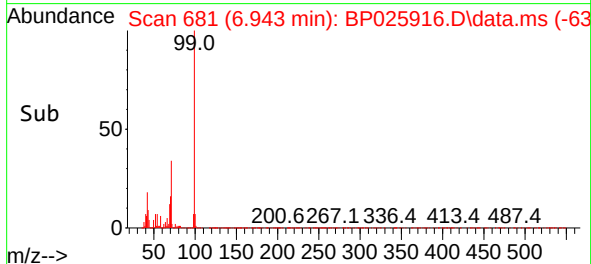
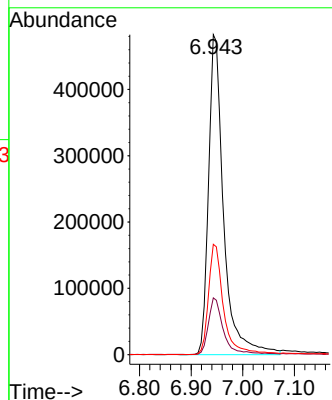
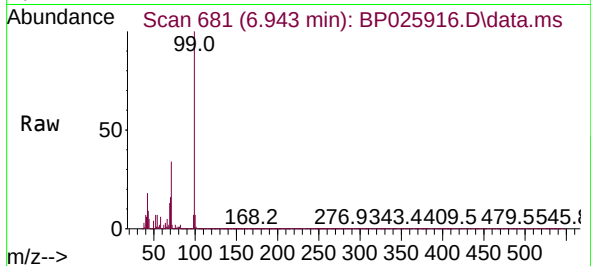




#7
Phenol-d6
Concen: 66.791 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025916.D
Acq: 03 Oct 2025 16:21

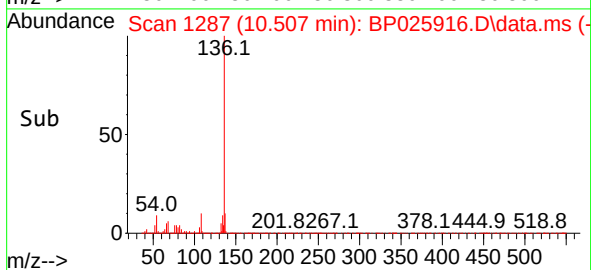
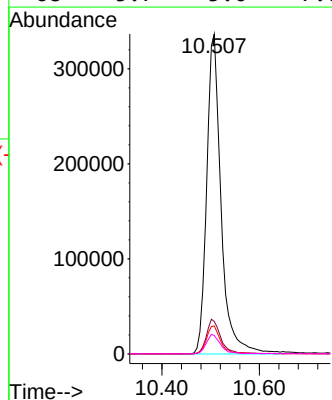
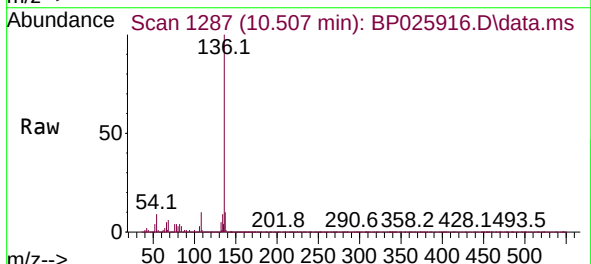
Instrument :
BNA_P
ClientSampleId :
EG1-TP2

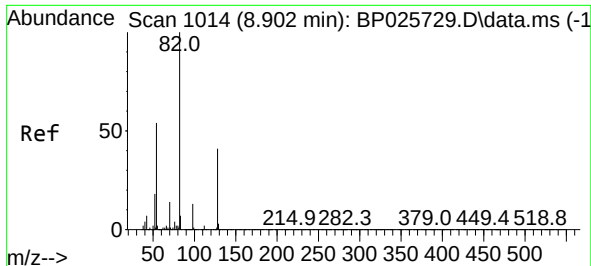
Tgt Ion: 99 Resp: 977993
Ion Ratio Lower Upper
99 100
42 17.7 15.6 23.4
71 34.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025916.D
Acq: 03 Oct 2025 16:21

Tgt Ion: 136 Resp: 691387
Ion Ratio Lower Upper
136 100
137 10.1 8.7 13.1
54 8.7 7.5 11.3
68 5.7 5.0 7.6

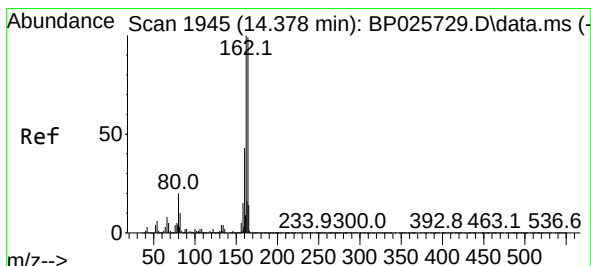
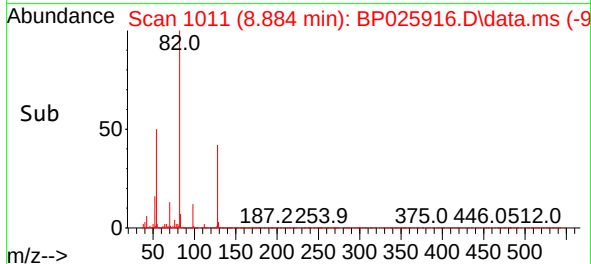
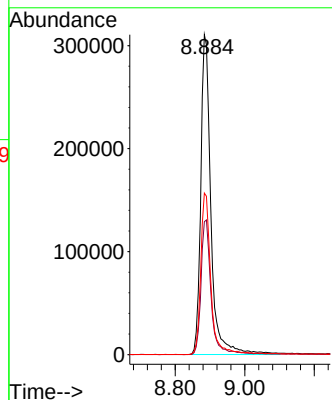
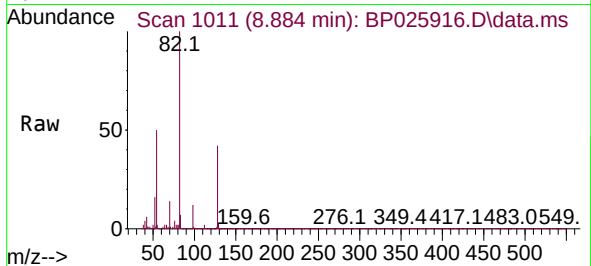




#23
Nitrobenzene-d5
Concen: 40.211 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025916.D
Acq: 03 Oct 2025 16:21

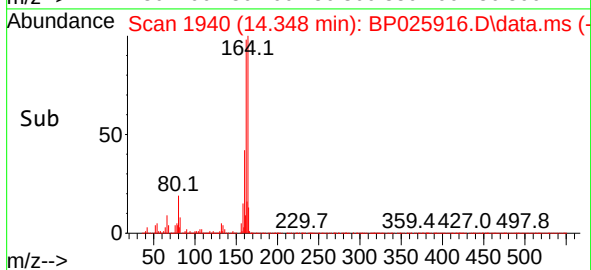
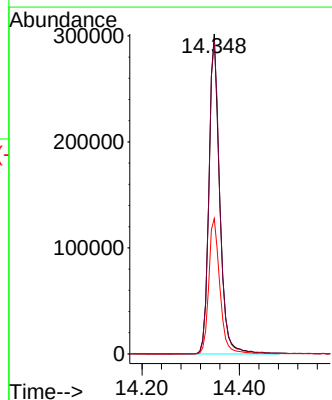
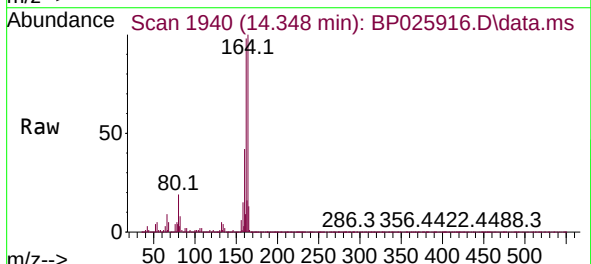
Instrument :
BNA_P
ClientSampleId :
EG1-TP2

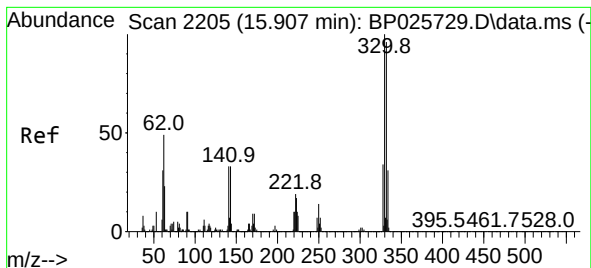
Tgt Ion: 82 Resp: 630266
Ion Ratio Lower Upper
82 100
128 41.5 32.9 49.3
54 50.5 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.030 min
Lab File: BP025916.D
Acq: 03 Oct 2025 16:21

Tgt Ion:164 Resp: 462430
Ion Ratio Lower Upper
164 100
162 97.7 80.6 120.8
160 42.3 35.0 52.6

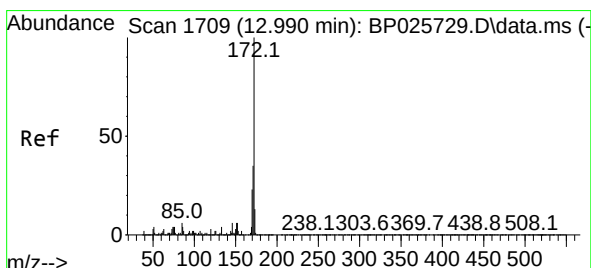
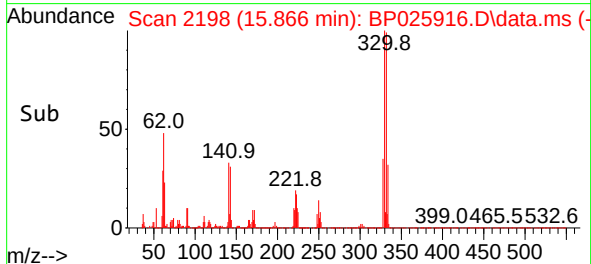
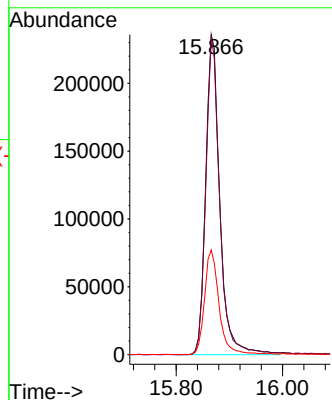
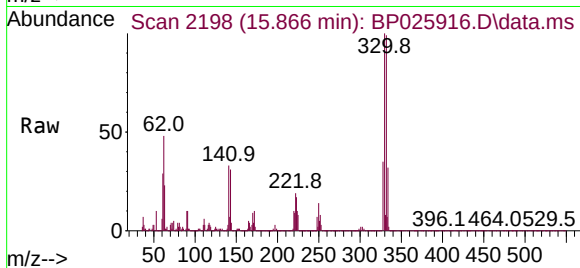




#42
2,4,6-Tribromophenol
Concen: 75.213 ng
RT: 15.866 min Scan# 21
Delta R.T. -0.041 min
Lab File: BP025916.D
Acq: 03 Oct 2025 16:21

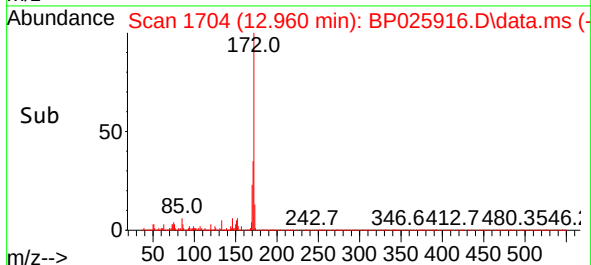
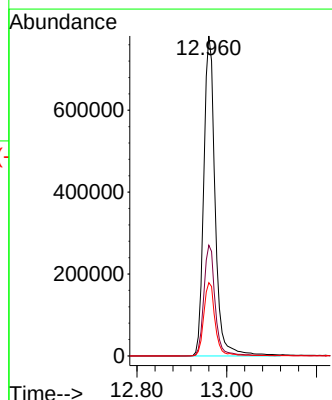
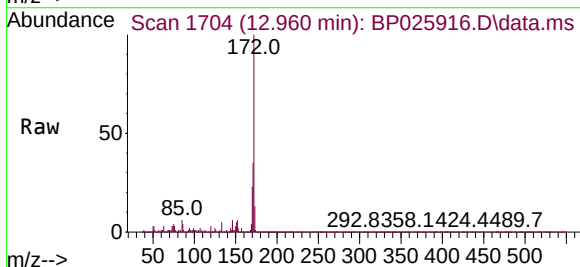
Instrument :
BNA_P
ClientSampleId :
EG1-TP2

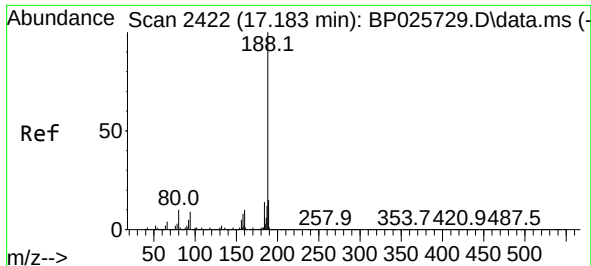
Tgt Ion:330 Resp: 433818
Ion Ratio Lower Upper
330 100
332 98.3 76.9 115.3
141 33.7 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 39.523 ng
RT: 12.960 min Scan# 1704
Delta R.T. -0.030 min
Lab File: BP025916.D
Acq: 03 Oct 2025 16:21

Tgt Ion:172 Resp: 1372637
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 22.9 18.6 27.8

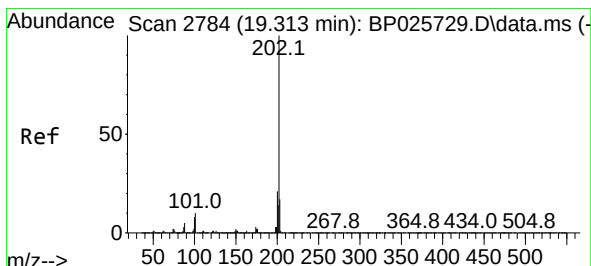
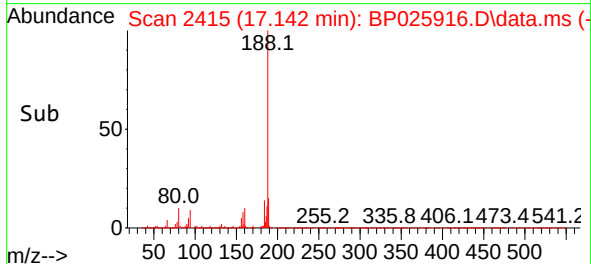
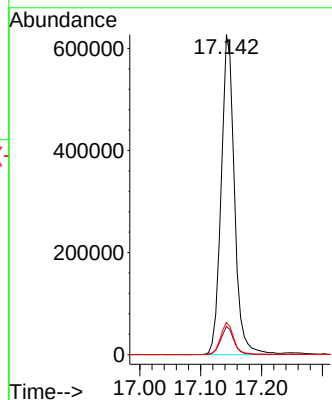
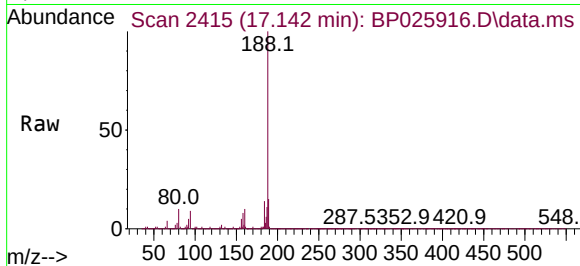




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 24
Delta R.T. -0.041 min
Lab File: BP025916.D
Acq: 03 Oct 2025 16:21

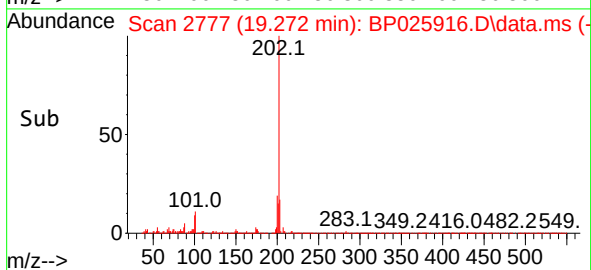
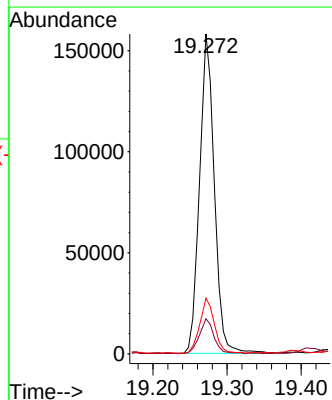
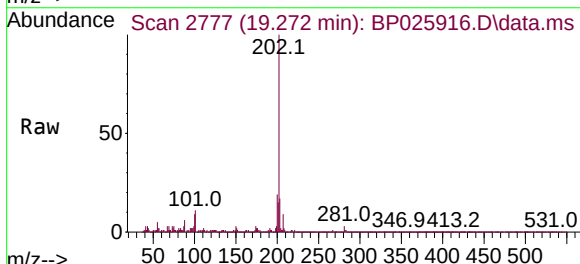
Instrument :
BNA_P
ClientSampleId :
EG1-TP2

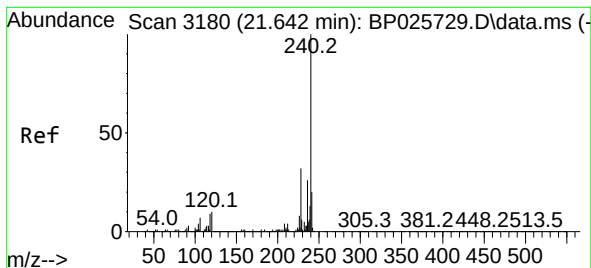
Tgt Ion:188 Resp: 949825
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.0
80 10.0 7.7 11.5



#75
Fluoranthene
Concen: 3.398 ng
RT: 19.272 min Scan# 2777
Delta R.T. -0.041 min
Lab File: BP025916.D
Acq: 03 Oct 2025 16:21

Tgt Ion:202 Resp: 219563
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.4
203 17.4 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.601 min Scan# 31

Delta R.T. -0.041 min

Lab File: BP025916.D

Acq: 03 Oct 2025 16:21

Instrument :

BNA_P

ClientSampleId :

EG1-TP2

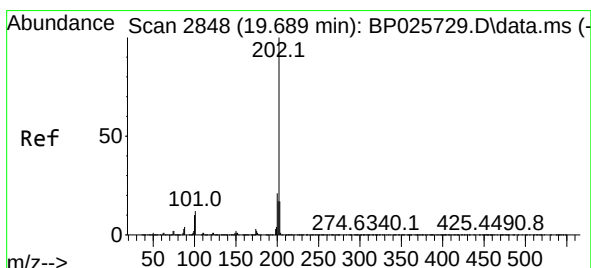
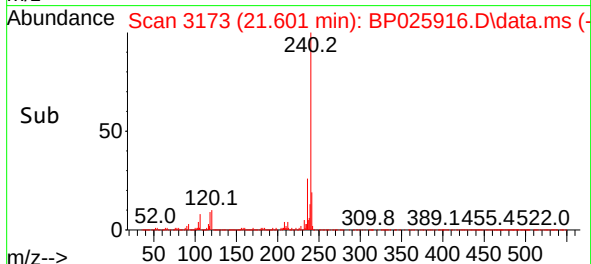
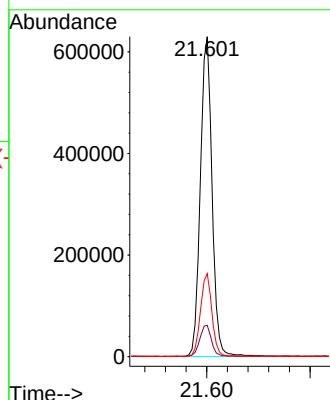
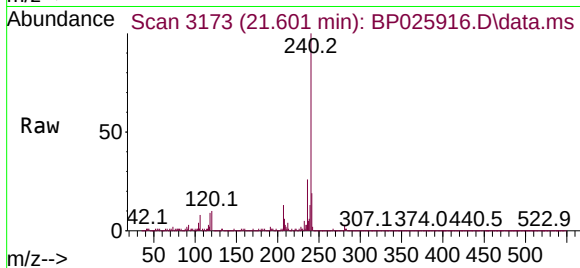
Tgt Ion:240 Resp: 989477

Ion Ratio Lower Upper

240 100

120 9.8 8.0 12.0

236 25.9 20.7 31.1



#78

Pyrene

Concen: 3.237 ng

RT: 19.648 min Scan# 2841

Delta R.T. -0.041 min

Lab File: BP025916.D

Acq: 03 Oct 2025 16:21

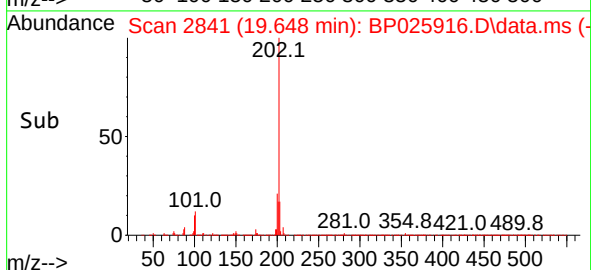
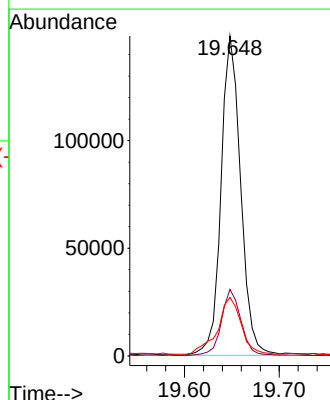
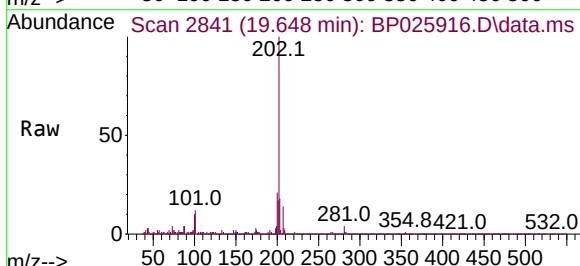
Tgt Ion:202 Resp: 213726

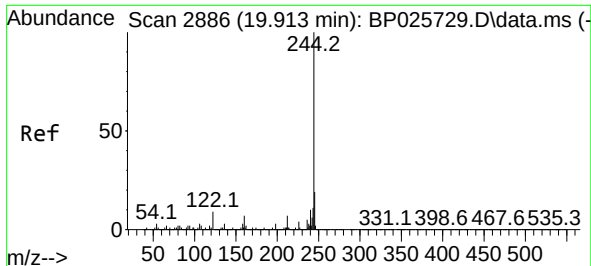
Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.6

203 18.3 13.9 20.9

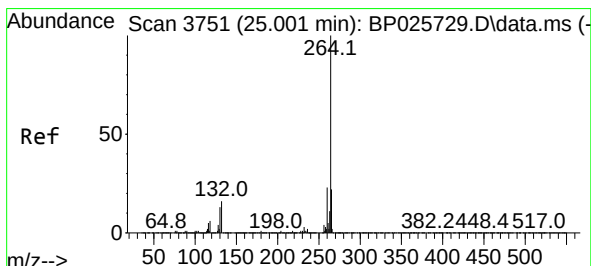
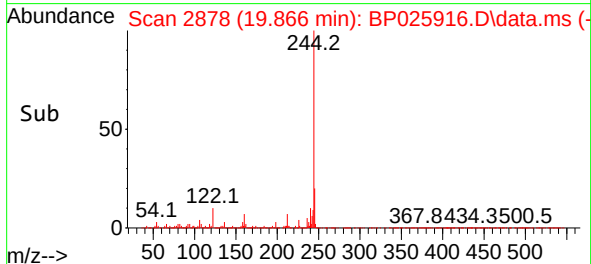
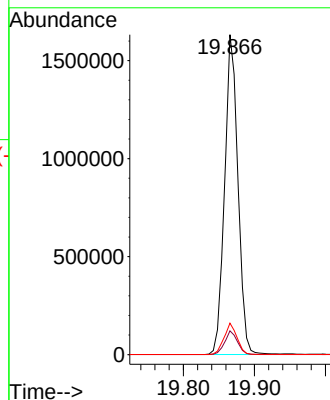
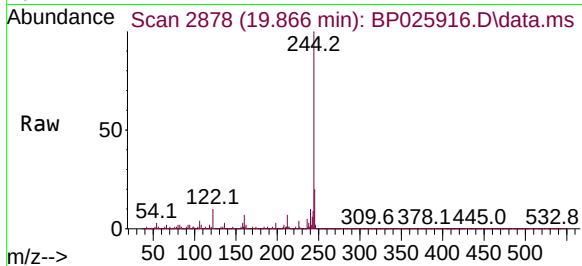




#79
Terphenyl-d14
Concen: 38.850 ng
RT: 19.866 min Scan# 21
Delta R.T. -0.047 min
Lab File: BP025916.D
Acq: 03 Oct 2025 16:21

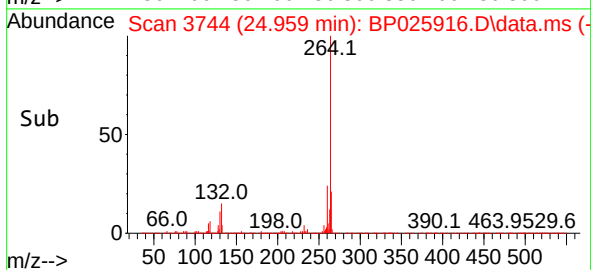
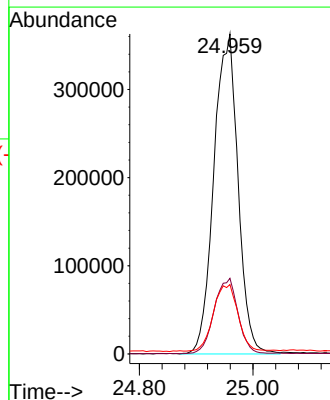
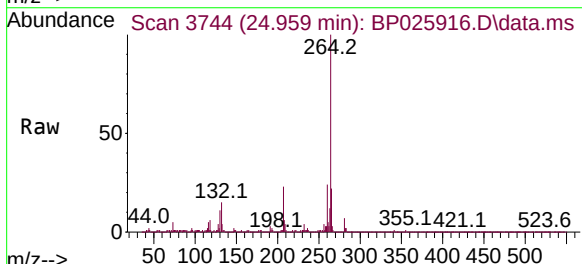
Instrument :
BNA_P
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EG1-TP2

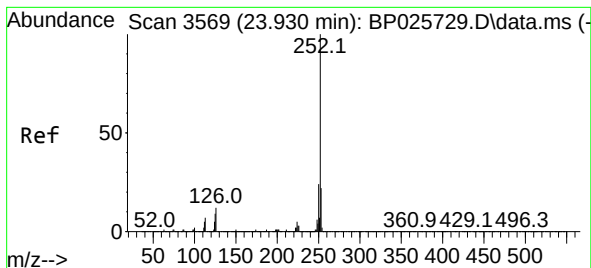
Tgt Ion:244 Resp: 2136819
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.8 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.959 min Scan# 3744
Delta R.T. -0.041 min
Lab File: BP025916.D
Acq: 03 Oct 2025 16:21

Tgt Ion:264 Resp: 1070328
Ion Ratio Lower Upper
264 100
260 23.6 18.3 27.5
265 21.7 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 2.028 ng

RT: 23.895 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP025916.D

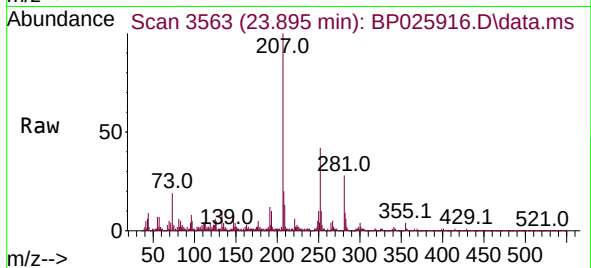
Acq: 03 Oct 2025 16:21

Instrument :

BNA_P

ClientSampleId :

EG1-TP2



Tgt Ion:252 Resp: 132741

Ion Ratio Lower Upper

252 100

253 24.6 17.9 26.9

125 14.0 7.3 10.9#

