

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025452.D
Acq On : 16 Aug 2025 09:29
Operator : CG/JU
Sample : Q2832-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TG-S03

Quant Time: Aug 18 01:43:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	149001	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	599860	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	384740	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	804671	20.000	ng	0.00
76) Chrysene-d12	21.624	240	873450	20.000	ng	-0.02
86) Perylene-d12	24.989	264	938419	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	1028877	114.674	ng	0.00
7) Phenol-d6	6.966	99	1224133	106.418	ng	0.00
23) Nitrobenzene-d5	8.931	82	921653	77.722	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	654739	126.431	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2080869	73.917	ng	-0.01
79) Terphenyl-d14	19.924	244	3671420	76.903	ng	0.00

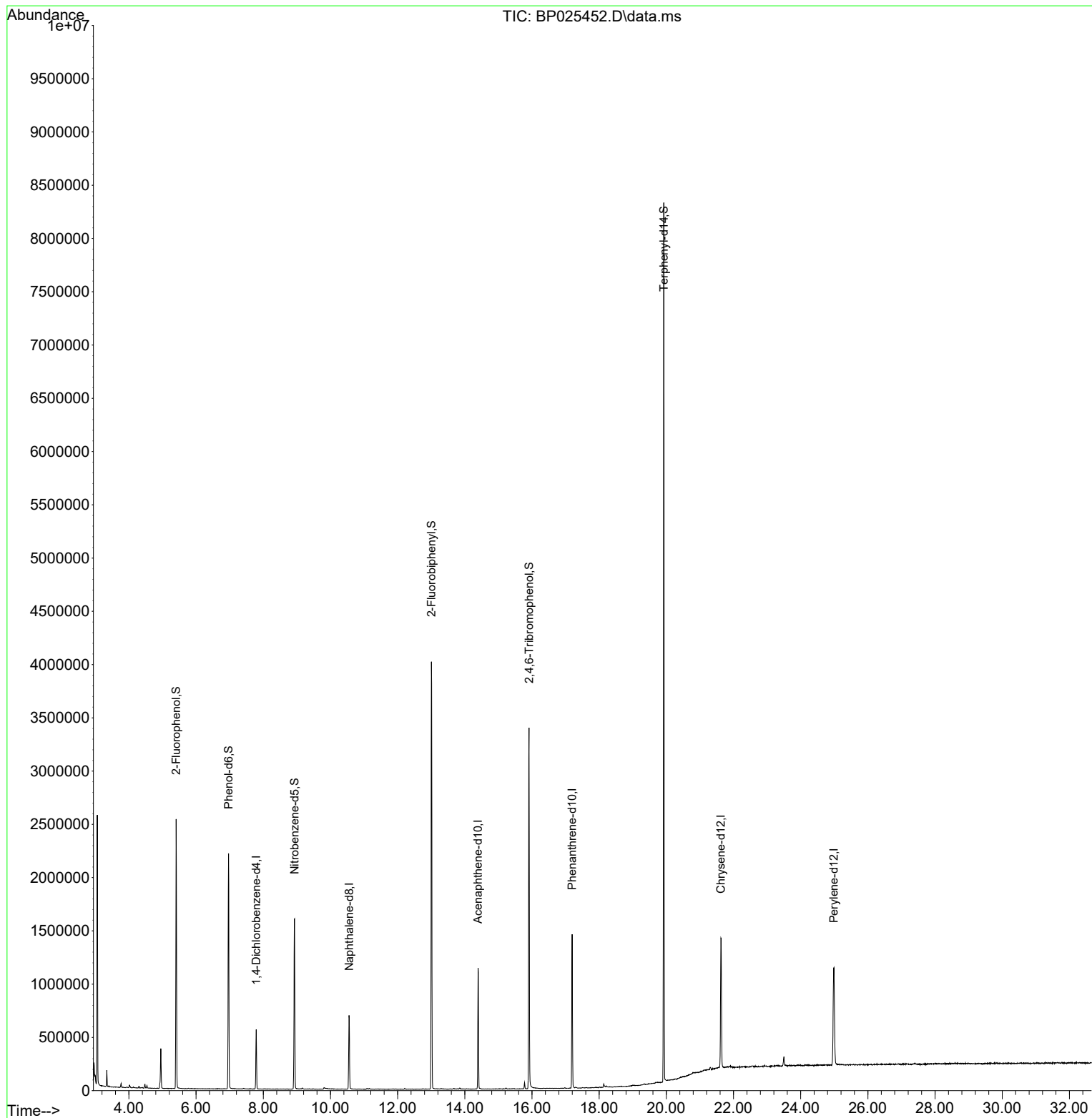
Target Compounds	Qvalue

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

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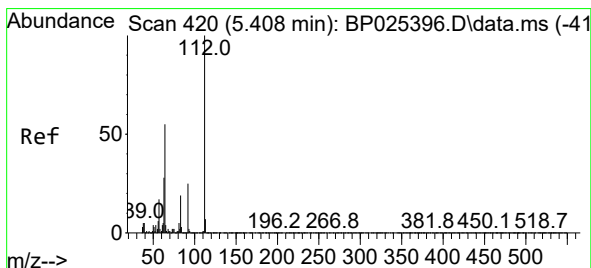
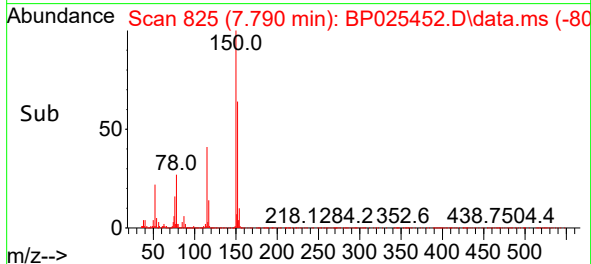
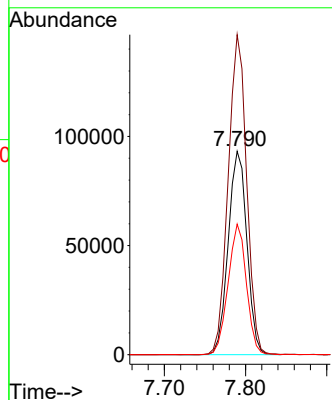
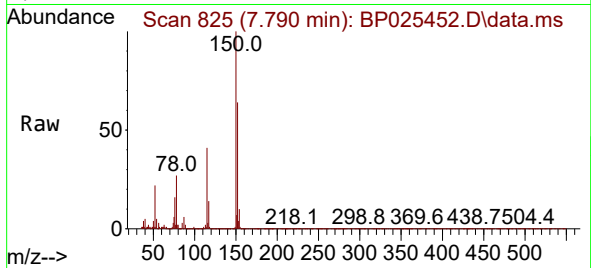




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025452.D
Acq: 16 Aug 2025 09:29

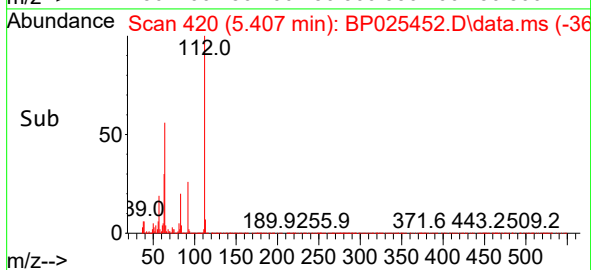
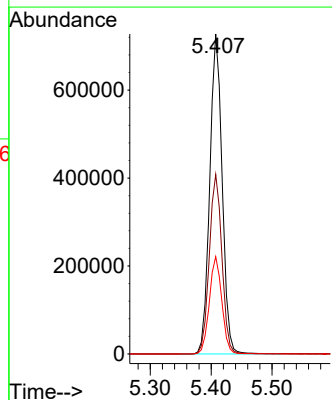
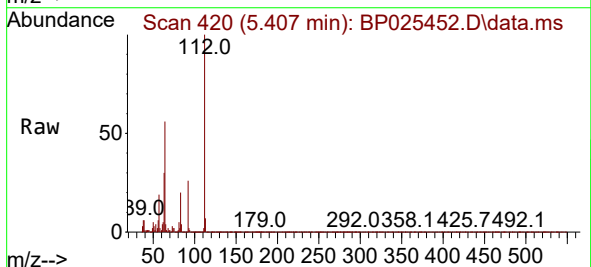
Instrument :
BNA_P
ClientSampleId :
TG-S03

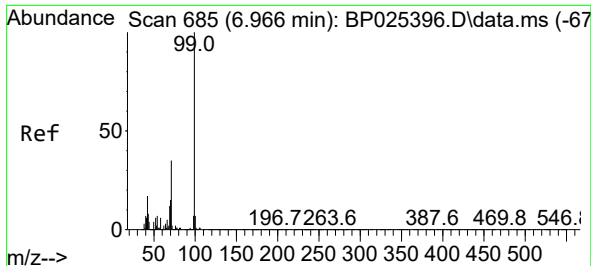
Tgt Ion:152 Resp: 149001
Ion Ratio Lower Upper
152 100
150 157.3 125.9 188.9
115 64.2 48.5 72.7



#5
2-Fluorophenol
Concen: 114.674 ng
RT: 5.407 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025452.D
Acq: 16 Aug 2025 09:29

Tgt Ion:112 Resp: 1028877
Ion Ratio Lower Upper
112 100
64 56.1 43.8 65.8
63 30.4 22.7 34.1



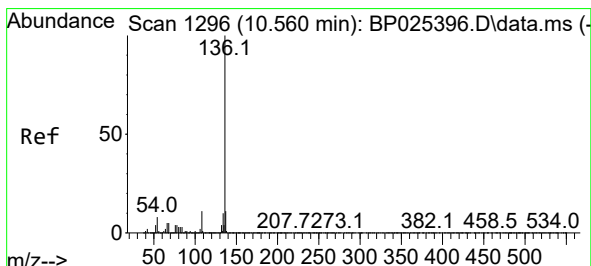
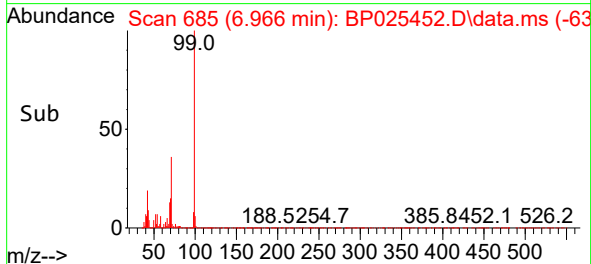
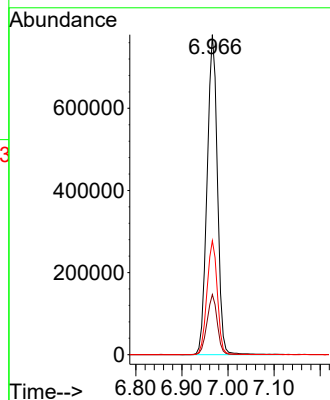
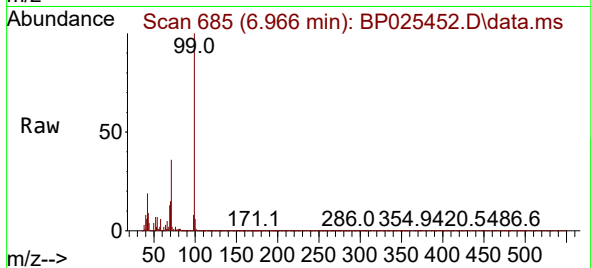


#7
Phenol-d6
Concen: 106.418 ng
RT: 6.966 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025452.D
Acq: 16 Aug 2025 09:29

Instrument :
BNA_P
ClientSampleId :
TG-S03

Tgt Ion: 99 Resp: 1224133

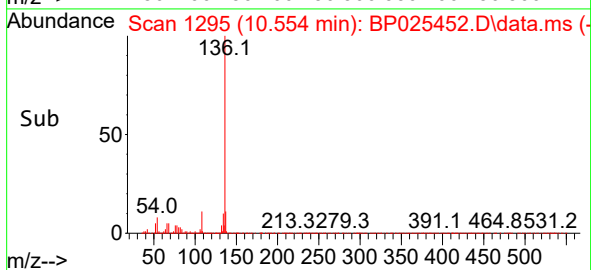
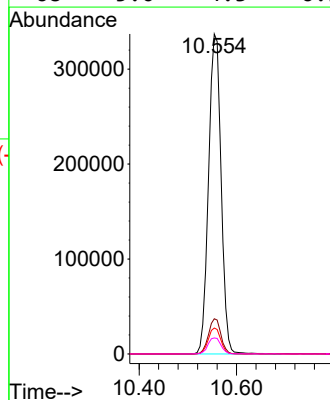
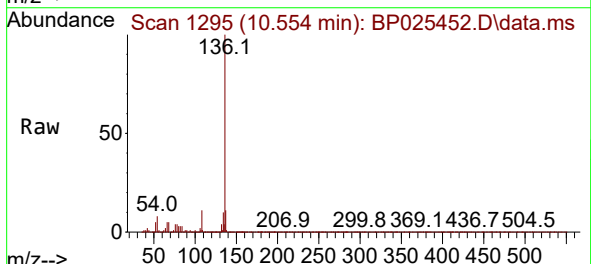
Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.7	20.5
71	35.6	28.2	42.4

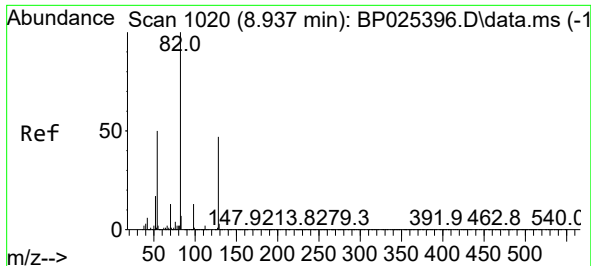


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025452.D
Acq: 16 Aug 2025 09:29

Tgt Ion: 136 Resp: 599860

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.1	6.0	9.0
68	5.0	4.3	6.5

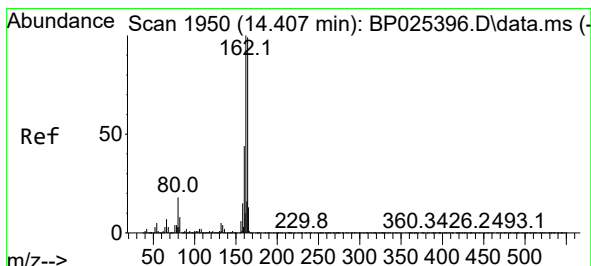
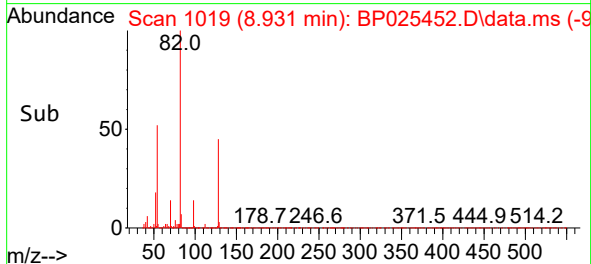
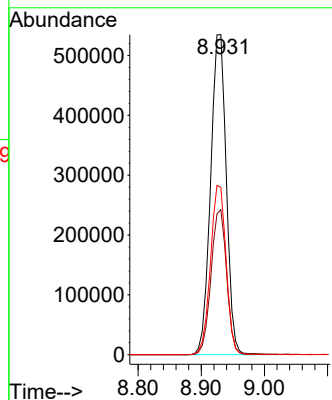
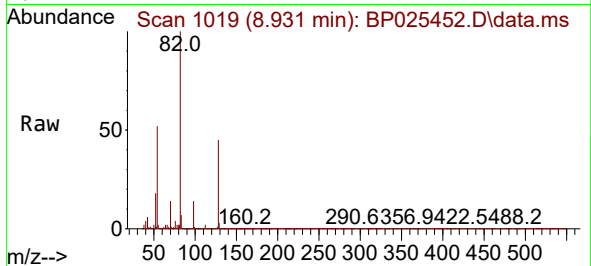




#23
Nitrobenzene-d5
Concen: 77.722 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025452.D
Acq: 16 Aug 2025 09:29

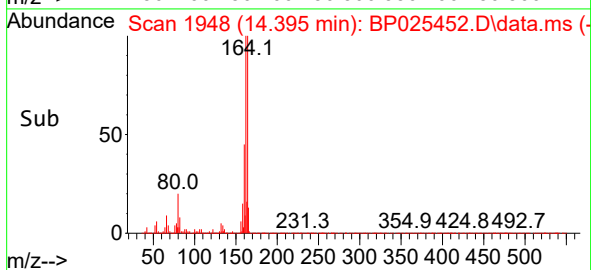
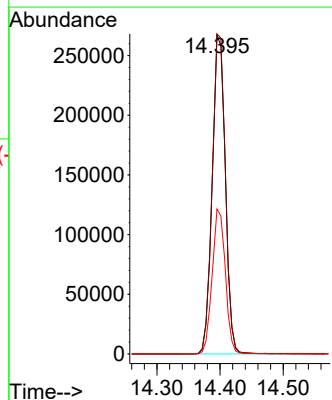
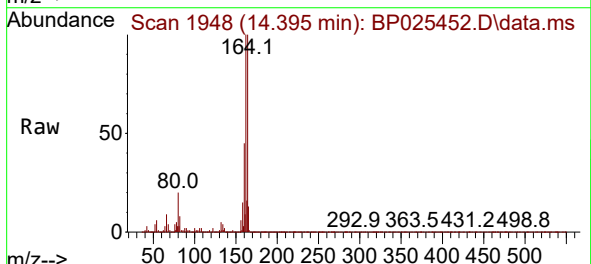
Instrument :
BNA_P
ClientSampleId :
TG-S03

Tgt Ion: 82 Resp: 921653
Ion Ratio Lower Upper
82 100
128 45.3 37.7 56.5
54 52.3 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025452.D
Acq: 16 Aug 2025 09:29

Tgt Ion:164 Resp: 384740
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.6
160 45.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 126.431 ng

RT: 15.913 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025452.D

Acq: 16 Aug 2025 09:29

Instrument :

BNA_P

ClientSampleId :

TG-S03

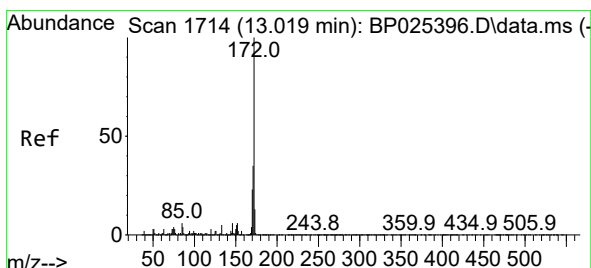
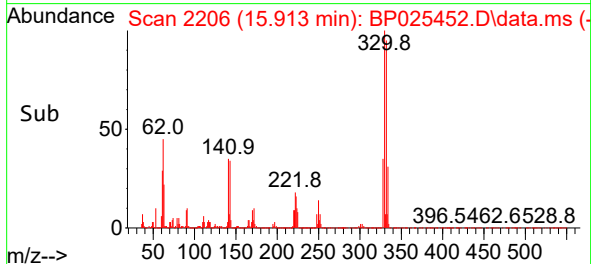
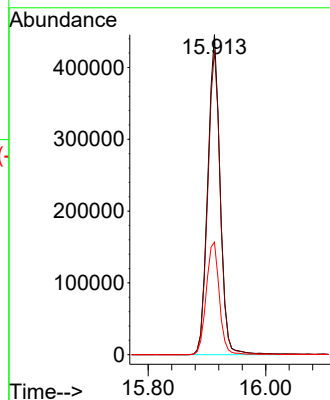
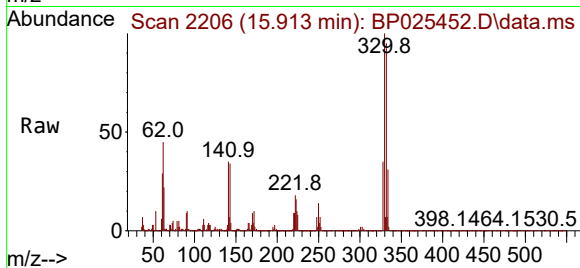
Tgt Ion:330 Resp: 654739

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 37.1 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 73.917 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025452.D

Acq: 16 Aug 2025 09:29

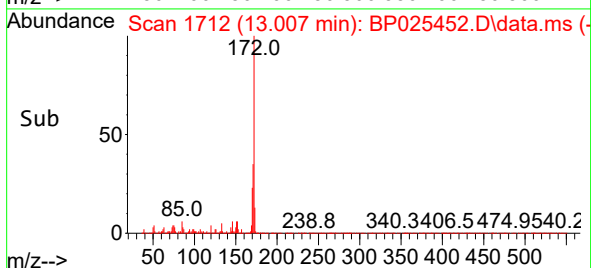
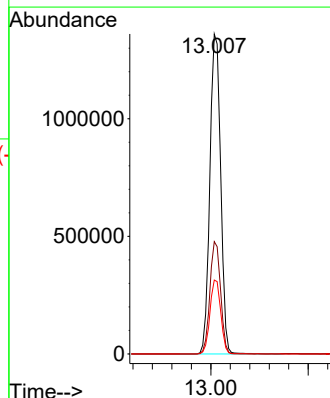
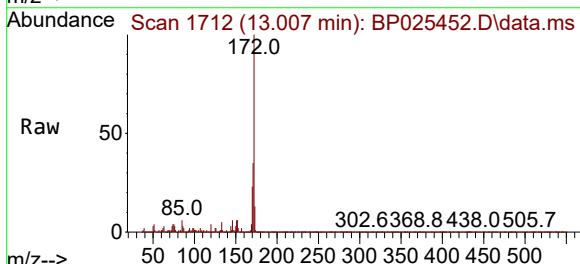
Tgt Ion:172 Resp: 2080869

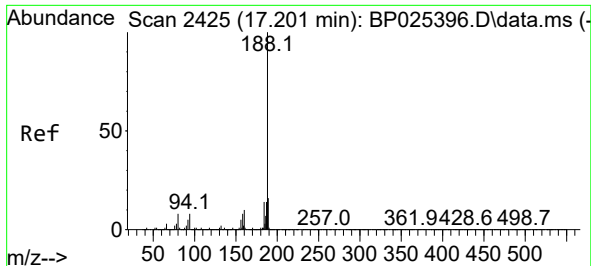
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.1 18.6 28.0

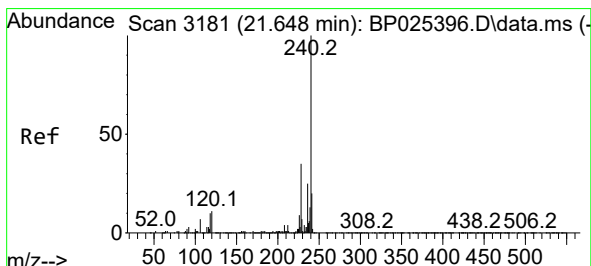
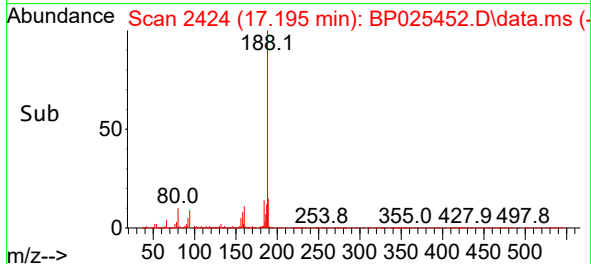
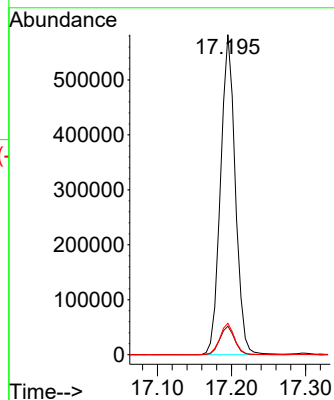
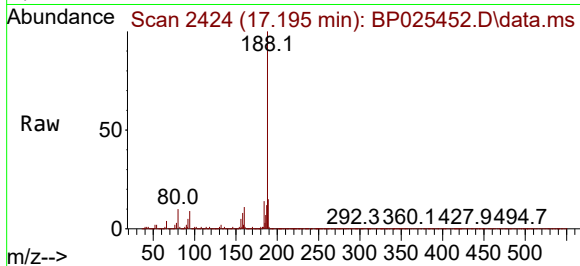




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025452.D
Acq: 16 Aug 2025 09:29

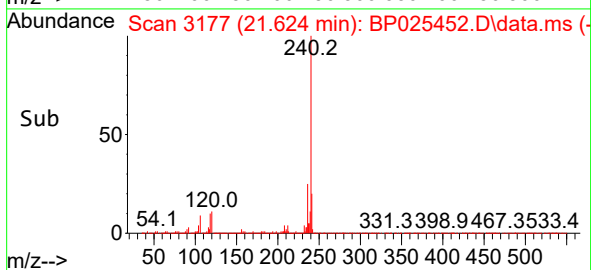
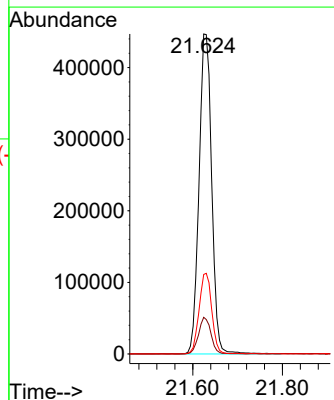
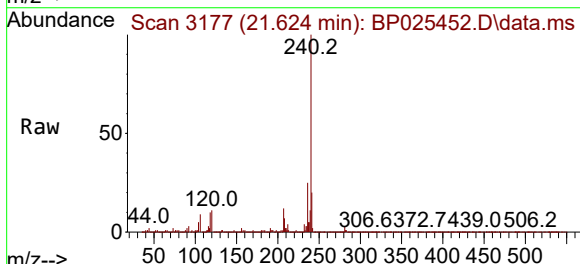
Instrument :
BNA_P
ClientSampleId :
TG-S03

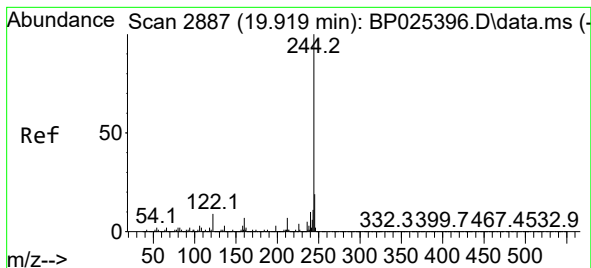
Tgt Ion:188 Resp: 804671
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.8 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.024 min
Lab File: BP025452.D
Acq: 16 Aug 2025 09:29

Tgt Ion:240 Resp: 873450
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 24.9 19.8 29.8





#79

Terphenyl-d14

Concen: 76.903 ng

RT: 19.924 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025452.D

Acq: 16 Aug 2025 09:29

Instrument :

BNA_P

ClientSampleId :

TG-S03

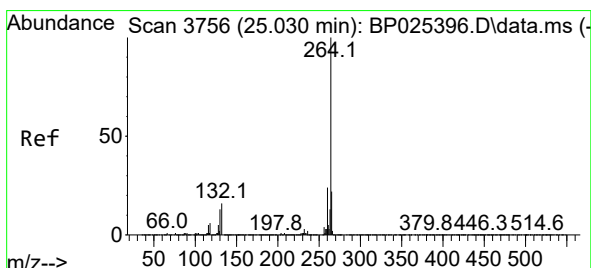
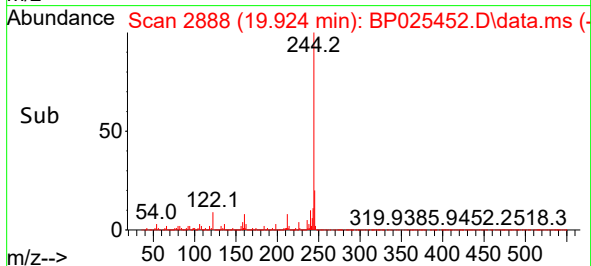
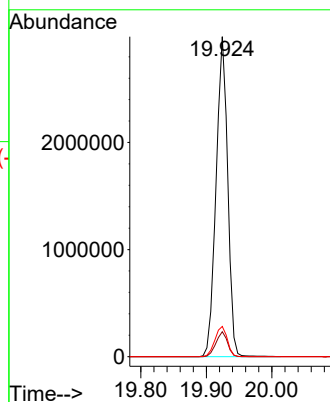
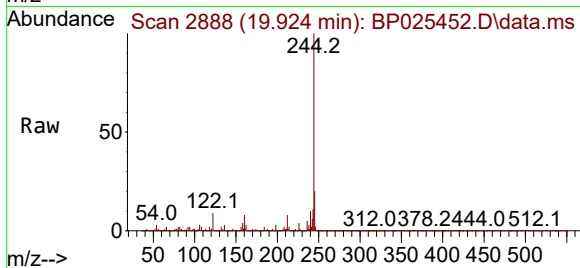
Tgt Ion:244 Resp: 3671420

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 9.5 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

Delta R.T. -0.041 min

Lab File: BP025452.D

Acq: 16 Aug 2025 09:29

Tgt Ion:264 Resp: 938419

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 23.2 17.4 26.0

