

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
 Data File : BP025612.D
 Acq On : 28 Aug 2025 15:16
 Operator : CG/JU
 Sample : Q2969-01 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-08272025

Quant Time: Aug 28 15:42:23 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	7.766	152	178159	20.000	ng	-0.03
21) Naphthalene-d8	10.543	136	697042	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	442143	20.000	ng	-0.02
64) Phenanthrene-d10	17.184	188	883061	20.000	ng	-0.02
76) Chrysene-d12	21.630	240	993043	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1190478	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	371486	34.628	ng	-0.01
7) Phenol-d6	6.961	99	463437	33.694	ng	0.00
23) Nitrobenzene-d5	8.913	82	290221	21.062	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	202354	34.002	ng	-0.01
45) 2-Fluorobiphenyl	12.996	172	712585	22.026	ng	-0.02
79) Terphenyl-d14	19.901	244	1211057	22.312	ng	-0.02

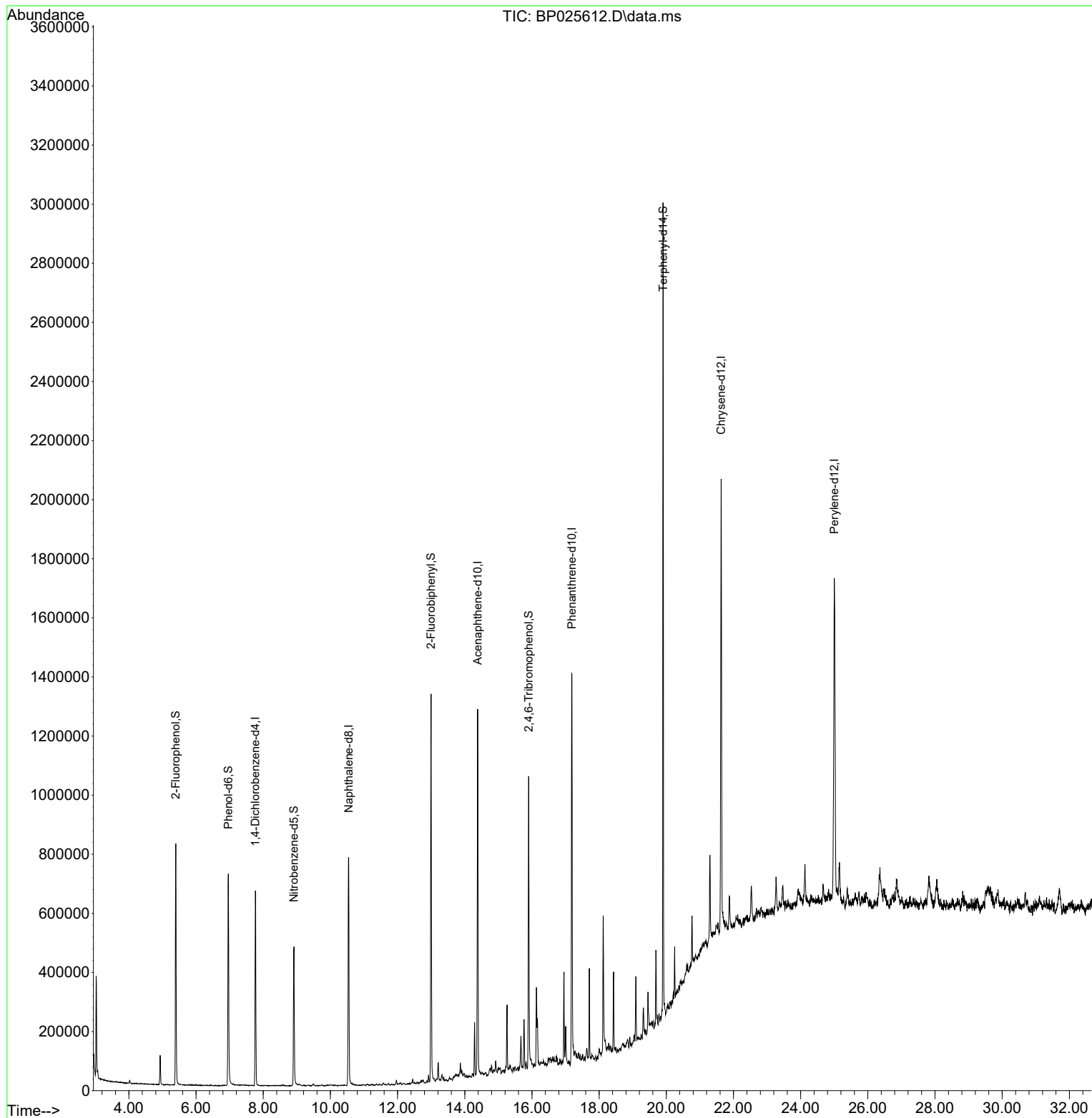
Target Compounds	Qvalue

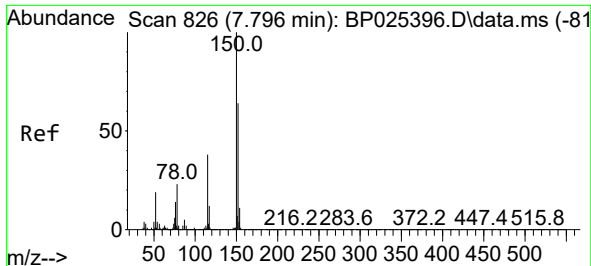
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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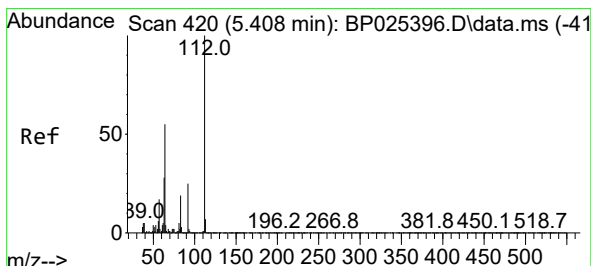
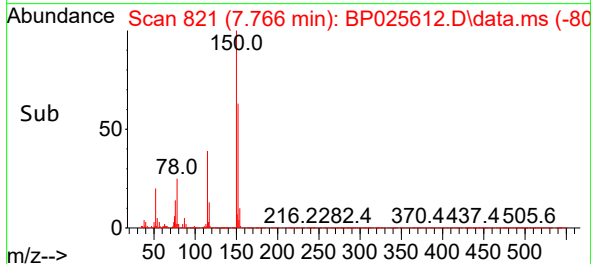
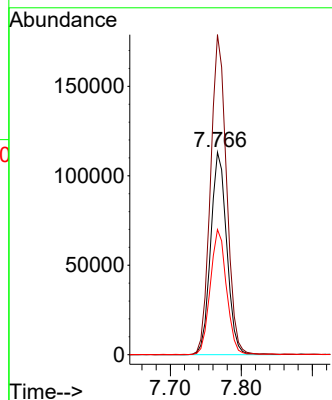
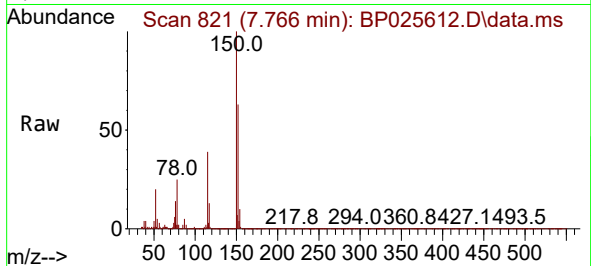




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.766 min Scan# 81
Delta R.T. -0.030 min
Lab File: BP025612.D
Acq: 28 Aug 2025 15:16

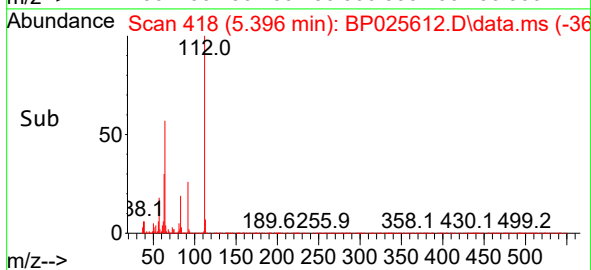
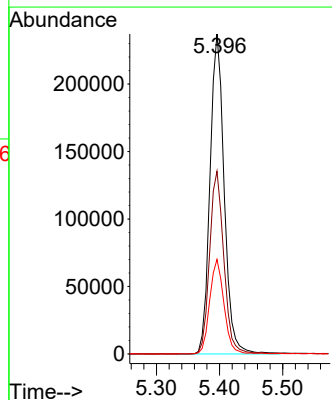
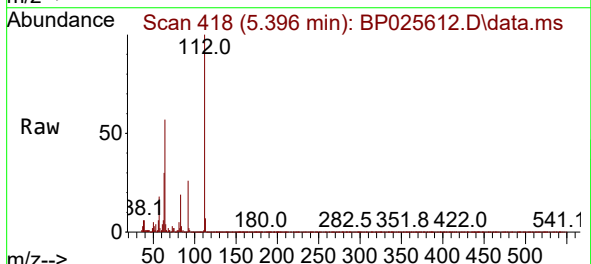
Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

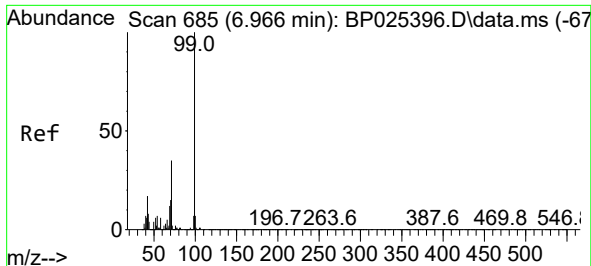
Tgt Ion:152 Resp: 178159
Ion Ratio Lower Upper
152 100
150 158.1 125.9 188.9
115 61.8 48.5 72.7



#5
2-Fluorophenol
Concen: 34.628 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025612.D
Acq: 28 Aug 2025 15:16

Tgt Ion:112 Resp: 371486
Ion Ratio Lower Upper
112 100
64 57.1 43.8 65.8
63 29.6 22.7 34.1

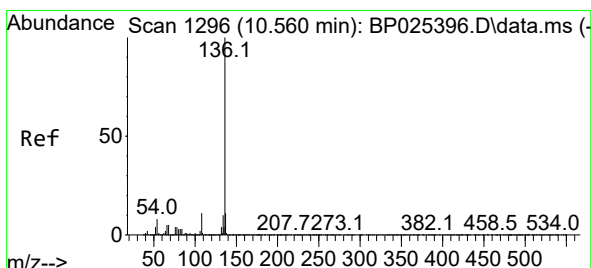
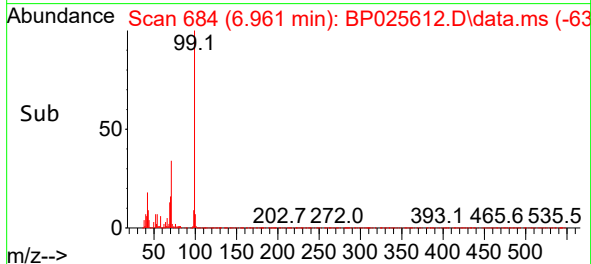
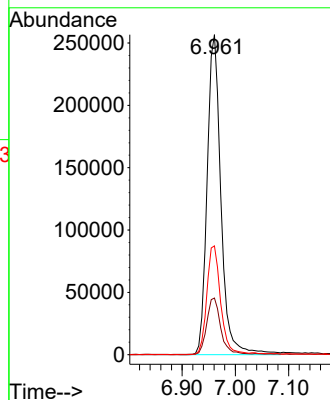
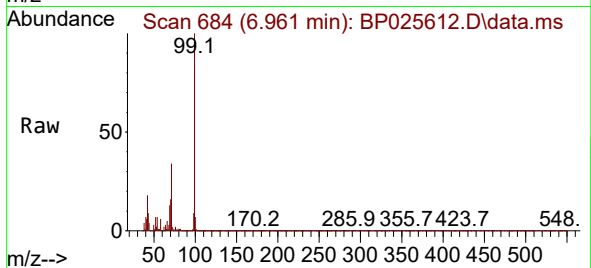




#7
Phenol-d6
Concen: 33.694 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025612.D
Acq: 28 Aug 2025 15:16

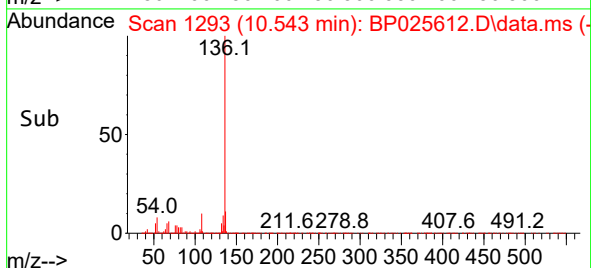
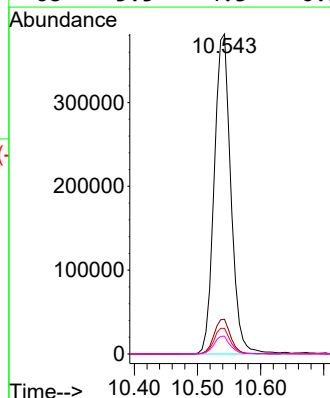
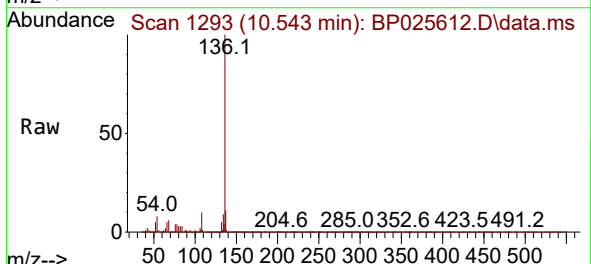
Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

Tgt Ion: 99 Resp: 463437
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 34.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025612.D
Acq: 28 Aug 2025 15:16

Tgt Ion: 136 Resp: 697042
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.0 6.0 9.0
68 5.5 4.3 6.5

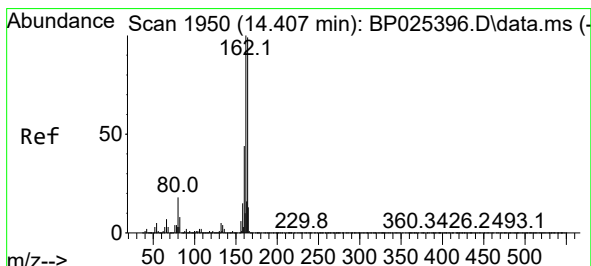
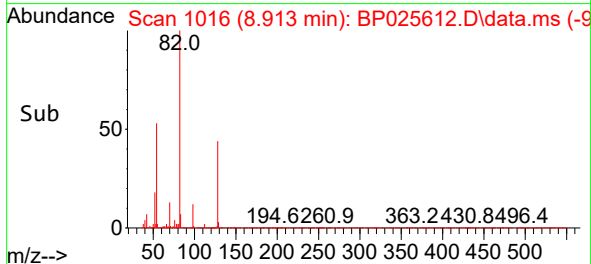
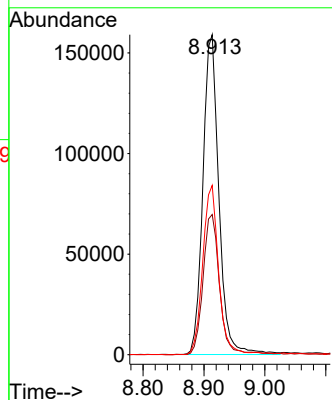
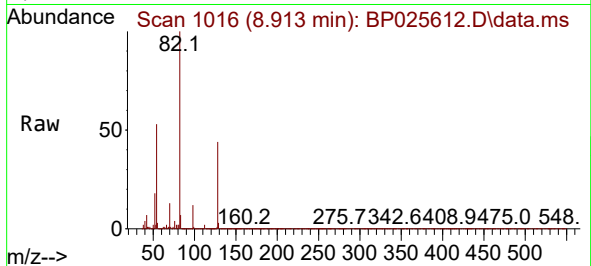




#23
Nitrobenzene-d5
Concen: 21.062 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025612.D
Acq: 28 Aug 2025 15:16

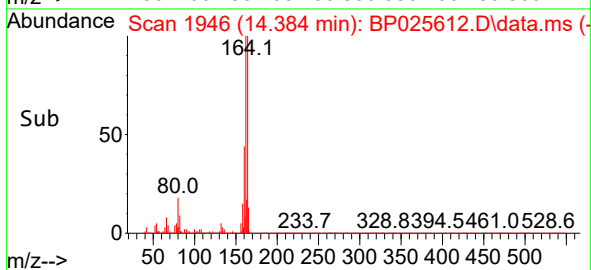
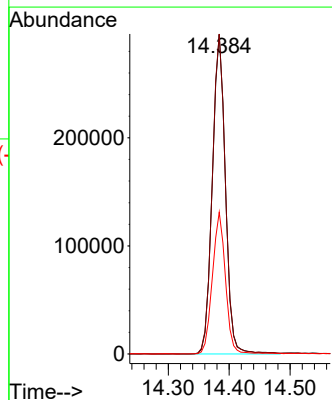
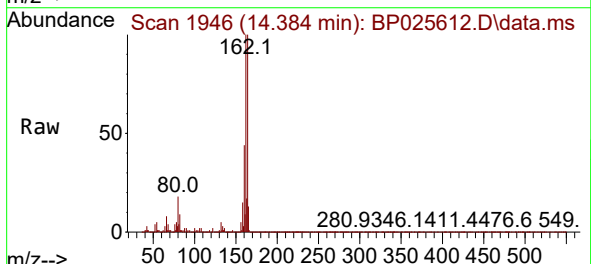
Instrument :
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ClientSampleId :
TR-05-08272025

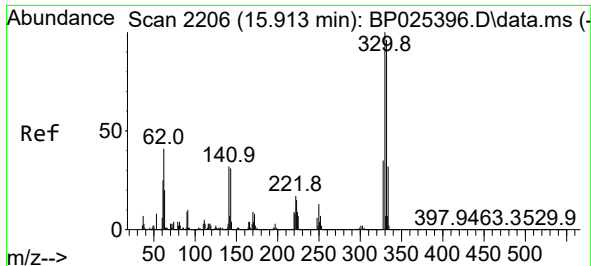
Tgt Ion: 82 Resp: 290221
Ion Ratio Lower Upper
82 100
128 43.8 37.7 56.5
54 52.9 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP025612.D
Acq: 28 Aug 2025 15:16

Tgt Ion: 164 Resp: 442143
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.6
160 44.3 35.4 53.2

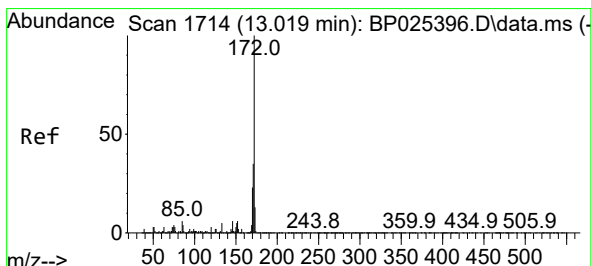
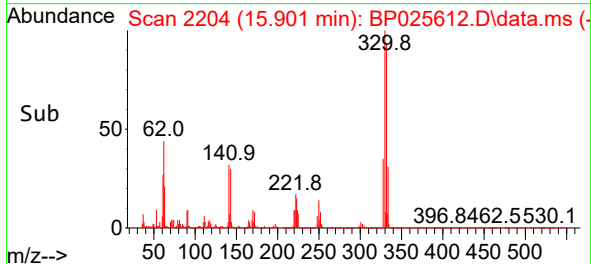
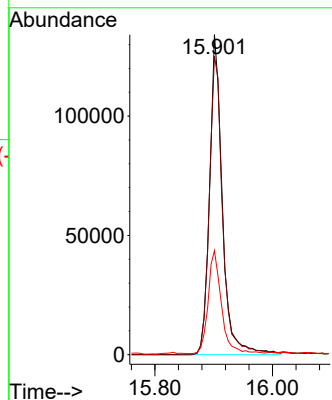
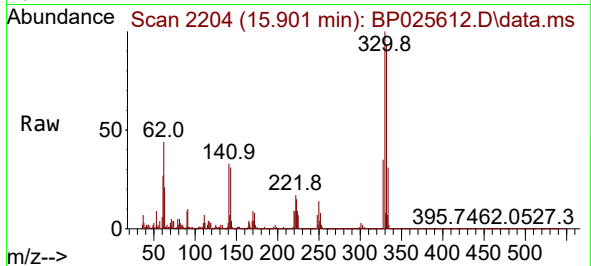




#42
2,4,6-Tribromophenol
Concen: 34.002 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025612.D
Acq: 28 Aug 2025 15:16

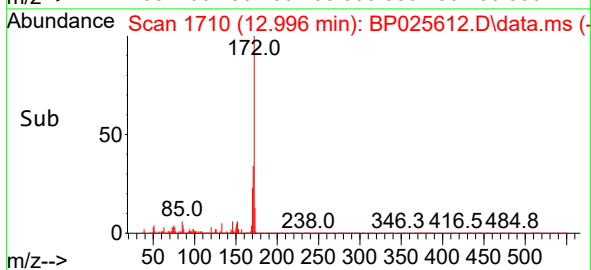
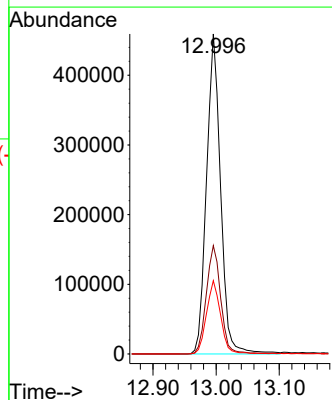
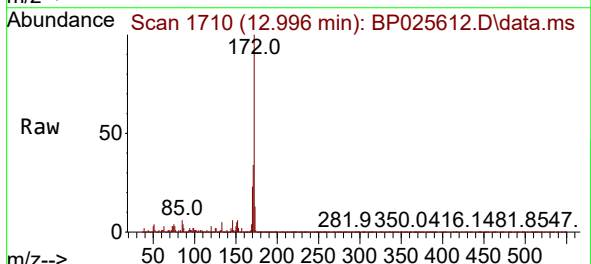
Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

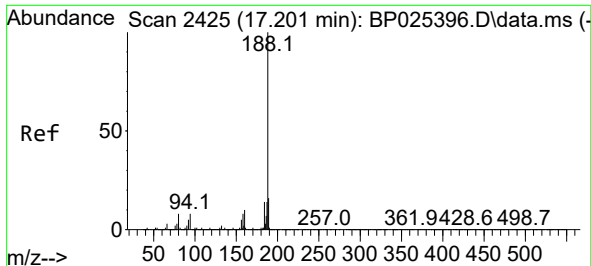
Tgt Ion:330 Resp: 202354
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 33.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 22.026 ng
RT: 12.996 min Scan# 1710
Delta R.T. -0.023 min
Lab File: BP025612.D
Acq: 28 Aug 2025 15:16

Tgt Ion:172 Resp: 712585
Ion Ratio Lower Upper
172 100
171 33.9 28.1 42.1
170 22.9 18.6 28.0

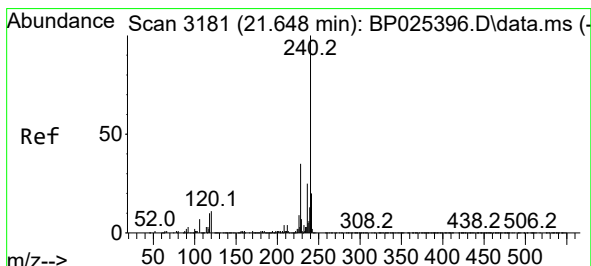
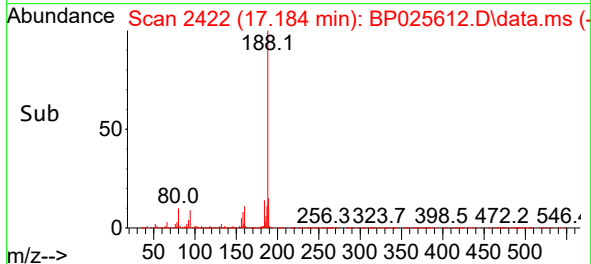
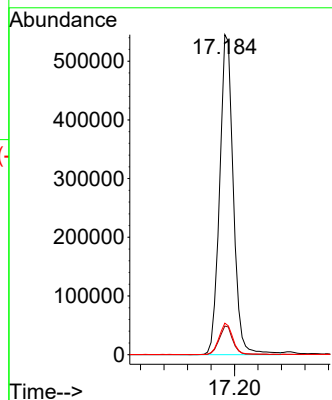
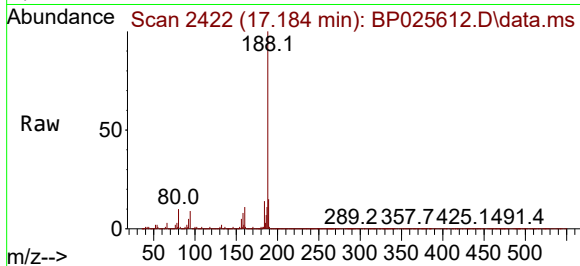




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.184 min Scan# 2422
Delta R.T. -0.017 min
Lab File: BP025612.D
Acq: 28 Aug 2025 15:16

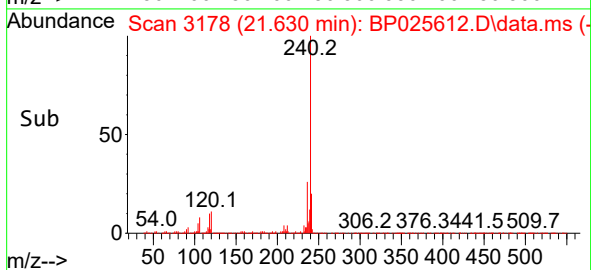
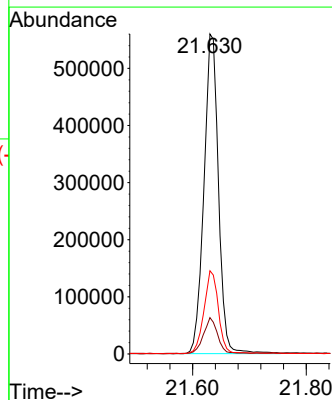
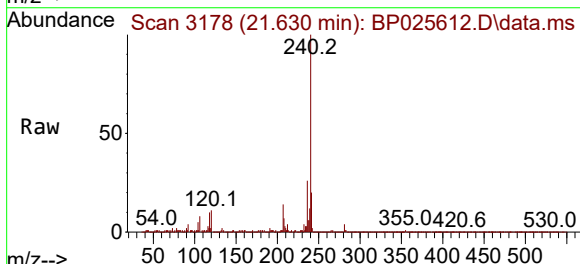
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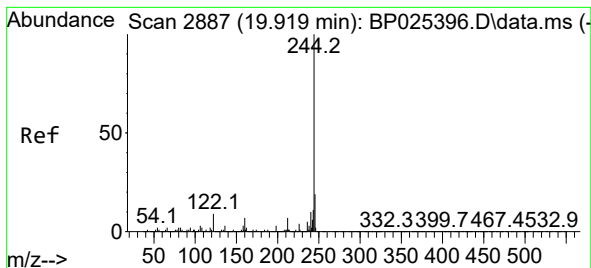
Tgt Ion:188 Resp: 883061
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.9 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.017 min
Lab File: BP025612.D
Acq: 28 Aug 2025 15:16

Tgt Ion:240 Resp: 993043
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.0 19.8 29.8





#79

Terphenyl-d14

Concen: 22.312 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP025612.D

Acq: 28 Aug 2025 15:16

Instrument :

BNA_P

ClientSampleId :

TR-05-08272025

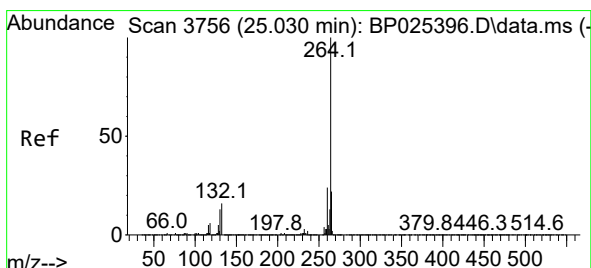
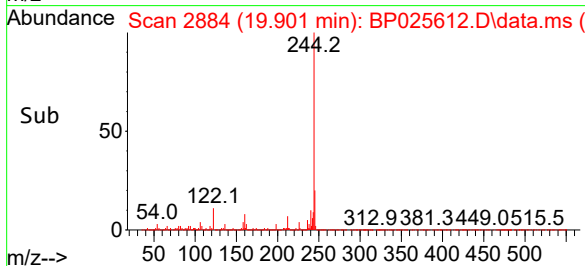
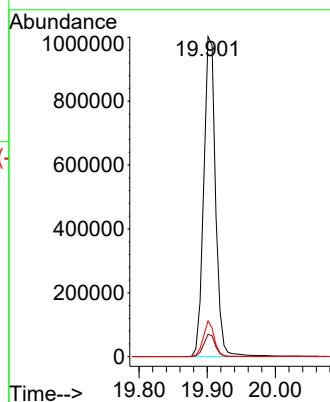
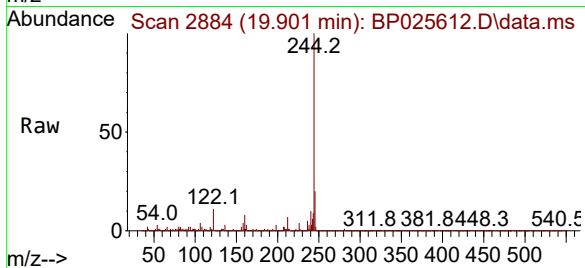
Tgt Ion:244 Resp: 1211057

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 11.2 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 3751

Delta R.T. -0.029 min

Lab File: BP025612.D

Acq: 28 Aug 2025 15:16

Tgt Ion:264 Resp: 1190478

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 22.3 17.4 26.0

