

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025484.D
 Acq On : 19 Aug 2025 20:21
 Operator : CG/JU
 Sample : Q2815-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-22M-N

Quant Time: Aug 20 02:25:23 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	7.790	152	172969	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	690769	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	457523	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	948006	20.000	ng	-0.02
76) Chrysene-d12	21.625	240	1011218	20.000	ng	-0.02
86) Perylene-d12	24.995	264	1092932	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	742351	71.274	ng	0.00
7) Phenol-d6	6.967	99	809748	60.640	ng	0.00
23) Nitrobenzene-d5	8.925	82	721278	52.820	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	556953	90.439	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1703207	50.877	ng	0.00
79) Terphenyl-d14	19.919	244	2688109	48.635	ng	0.00

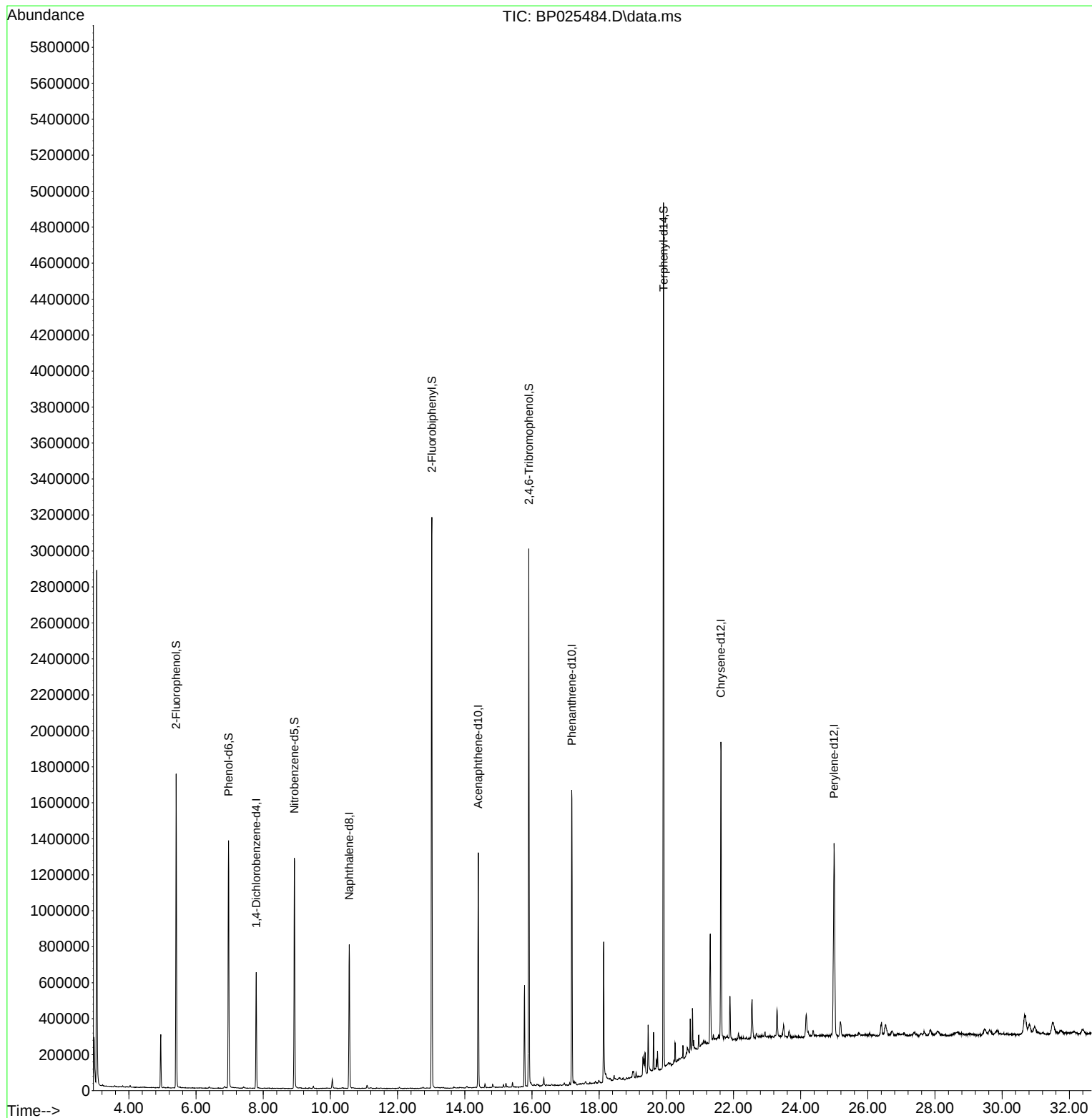
Target Compounds	Qvalue

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

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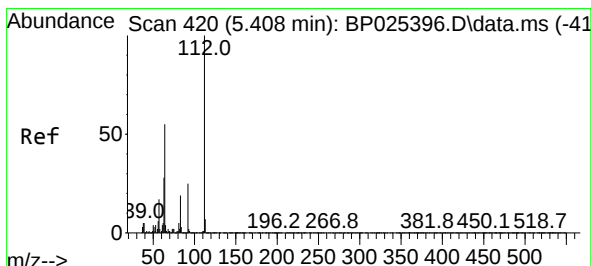
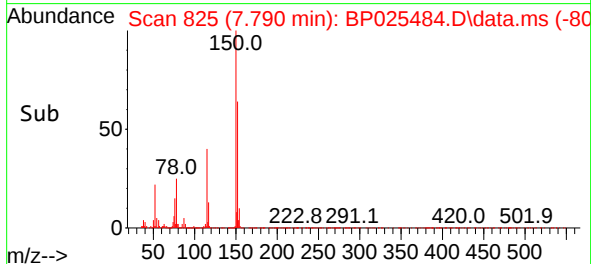
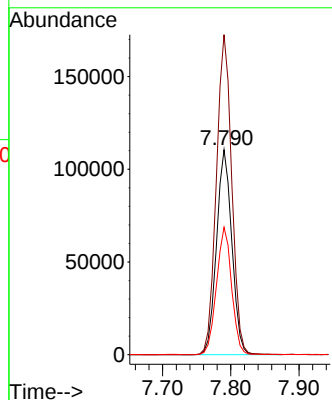
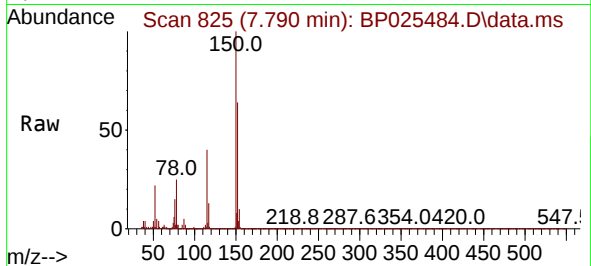




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025484.D
Acq: 19 Aug 2025 20:21

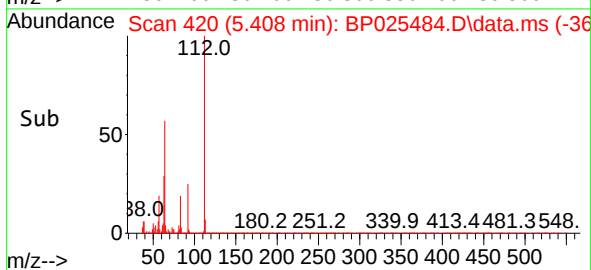
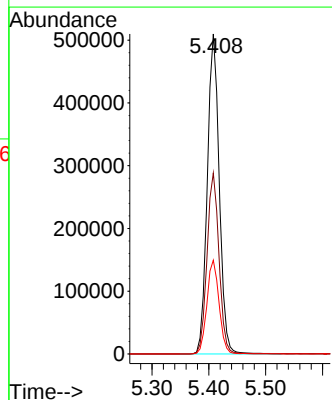
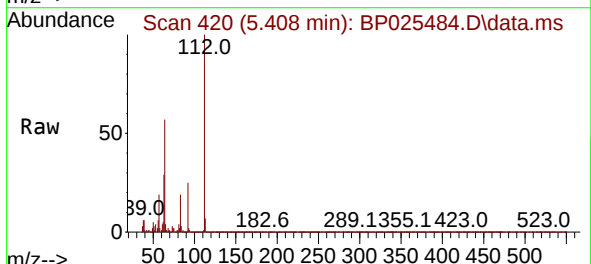
Instrument :
BNA_P
ClientSampleId :
TW-22M-N

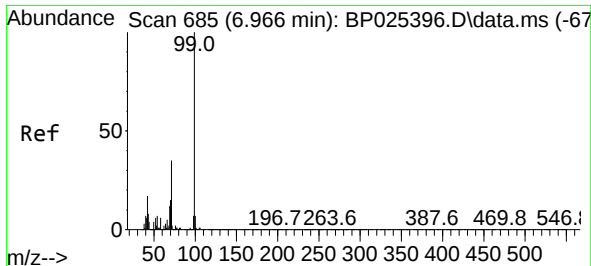
Tgt Ion:152 Resp: 172969
Ion Ratio Lower Upper
152 100
150 156.1 125.9 188.9
115 62.2 48.5 72.7



#5
2-Fluorophenol
Concen: 71.274 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025484.D
Acq: 19 Aug 2025 20:21

Tgt Ion:112 Resp: 742351
Ion Ratio Lower Upper
112 100
64 56.5 43.8 65.8
63 29.3 22.7 34.1

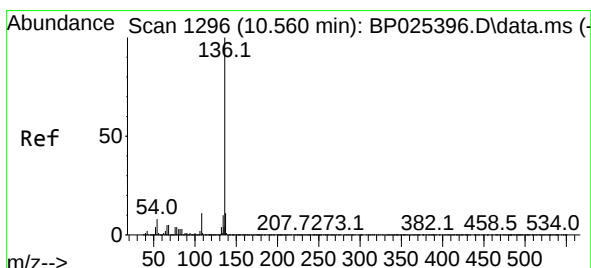
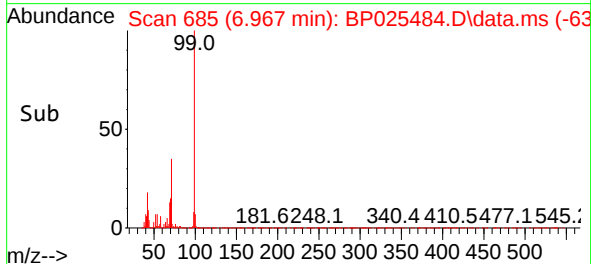
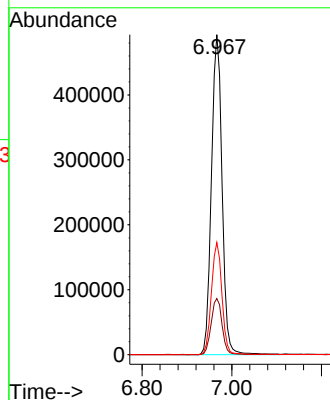
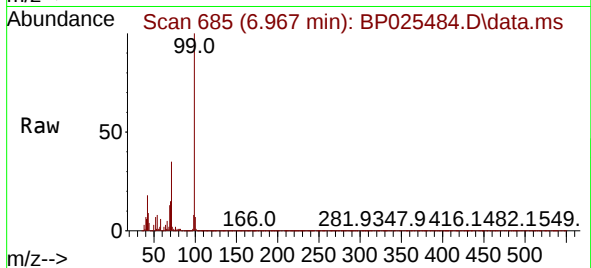




#7
Phenol-d6
Concen: 60.640 ng
RT: 6.967 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025484.D
Acq: 19 Aug 2025 20:21

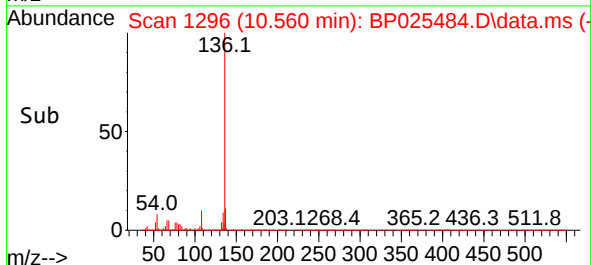
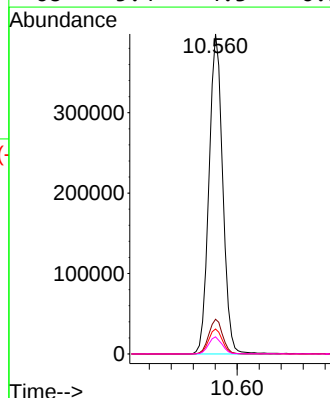
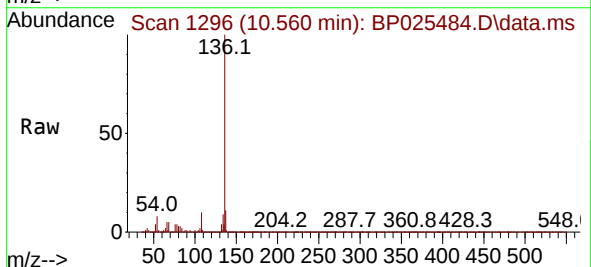
Instrument :
BNA_P
ClientSampleId :
TW-22M-N

Tgt Ion:	99	Resp:	809748
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.7	20.5
71	35.0	28.2	42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025484.D
Acq: 19 Aug 2025 20:21

Tgt Ion:	136	Resp:	690769
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.8	6.0	9.0
68	5.4	4.3	6.5

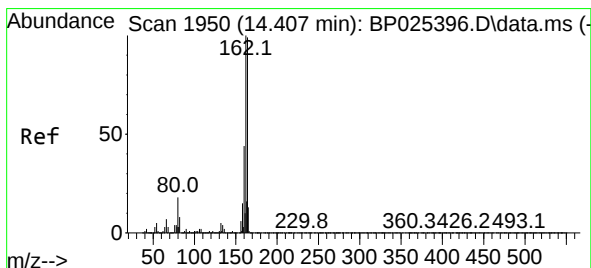
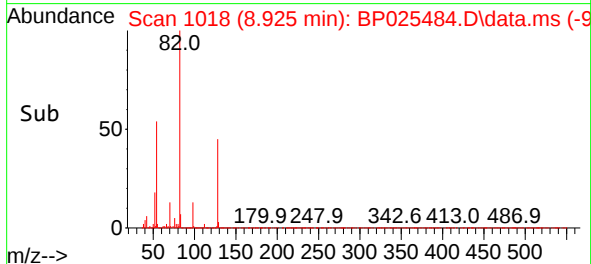
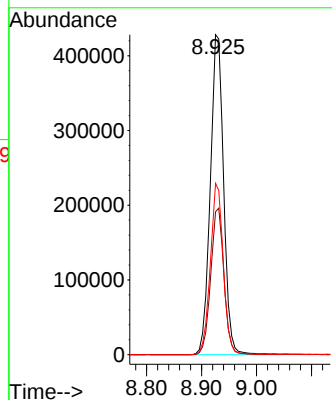
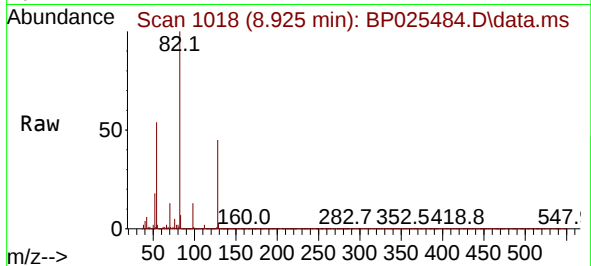




#23
Nitrobenzene-d5
Concen: 52.820 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025484.D
Acq: 19 Aug 2025 20:21

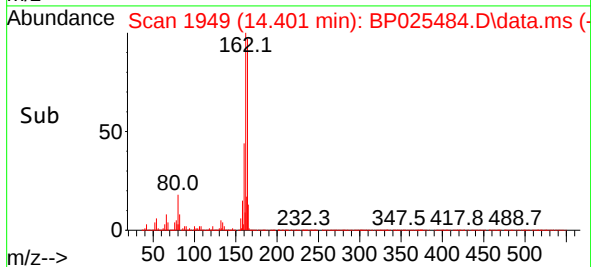
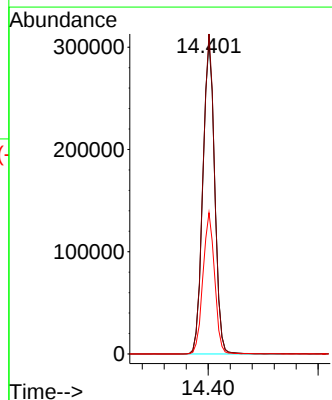
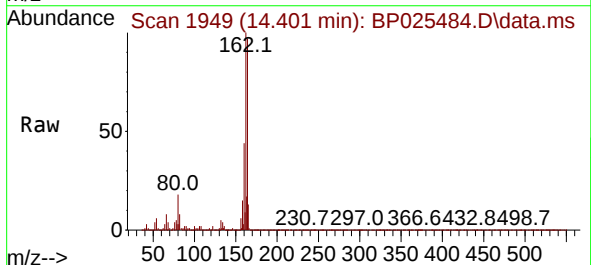
Instrument :
BNA_P
ClientSampleId :
TW-22M-N

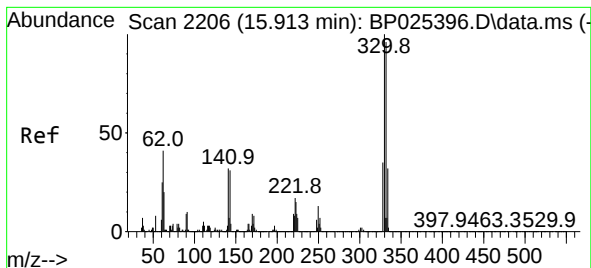
Tgt Ion: 82 Resp: 721278
Ion Ratio Lower Upper
82 100
128 44.6 37.7 56.5
54 53.5 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025484.D
Acq: 19 Aug 2025 20:21

Tgt Ion:164 Resp: 457523
Ion Ratio Lower Upper
164 100
162 102.9 81.0 121.6
160 45.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 90.439 ng

RT: 15.907 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BP025484.D

Acq: 19 Aug 2025 20:21

Instrument :

BNA_P

ClientSampleId :

TW-22M-N

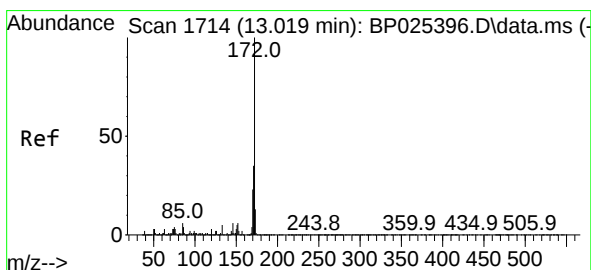
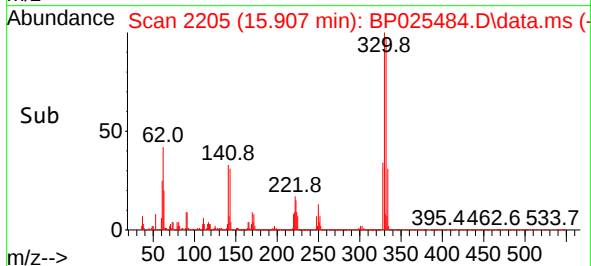
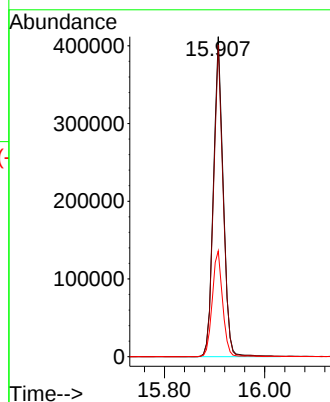
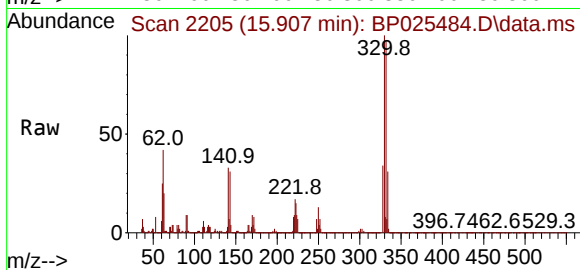
Tgt Ion:330 Resp: 556953

Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

141 34.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 50.877 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025484.D

Acq: 19 Aug 2025 20:21

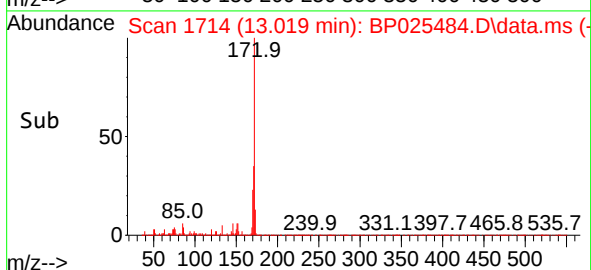
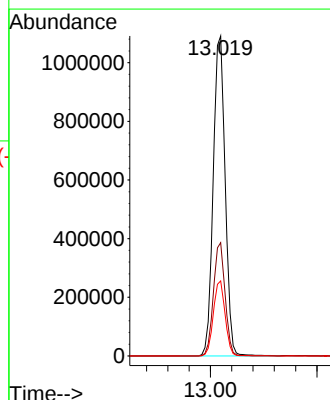
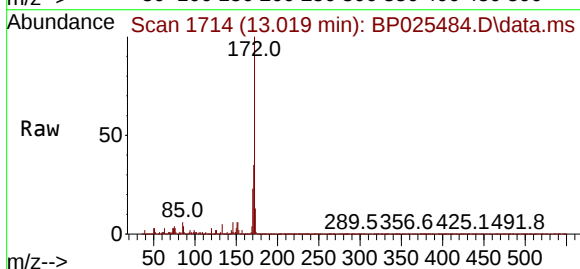
Tgt Ion:172 Resp: 1703207

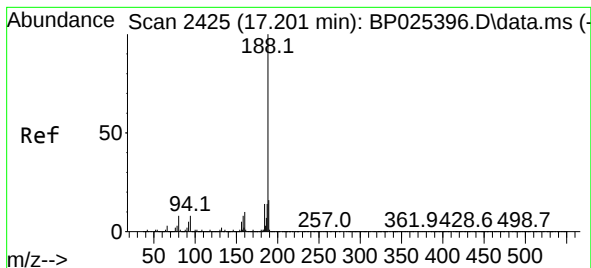
Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.184 min Scan# 2425

Delta R.T. -0.017 min

Lab File: BP025484.D

Acq: 19 Aug 2025 20:21

Instrument :

BNA_P

ClientSampleId :

TW-22M-N

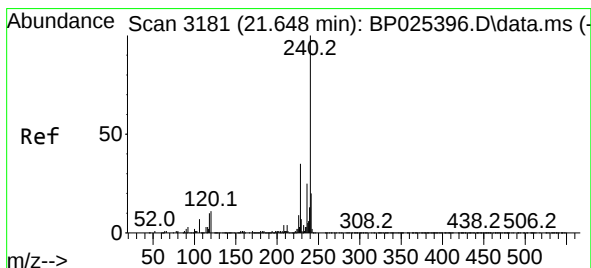
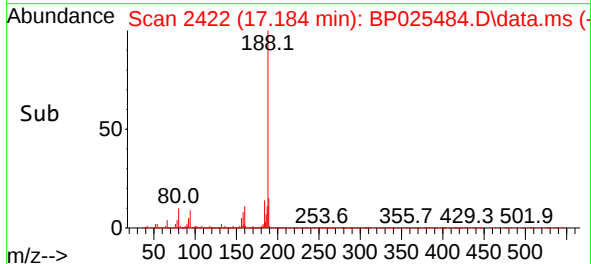
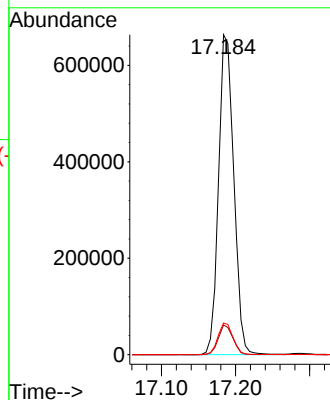
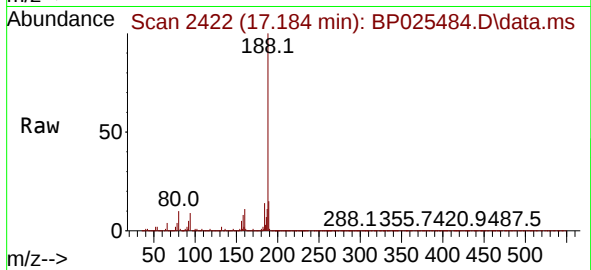
Tgt Ion:188 Resp: 948006

Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

80 9.9 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.625 min Scan# 3177

Delta R.T. -0.023 min

Lab File: BP025484.D

Acq: 19 Aug 2025 20:21

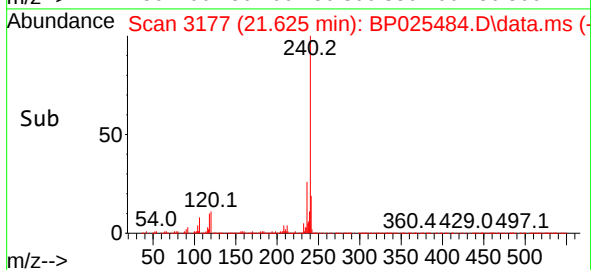
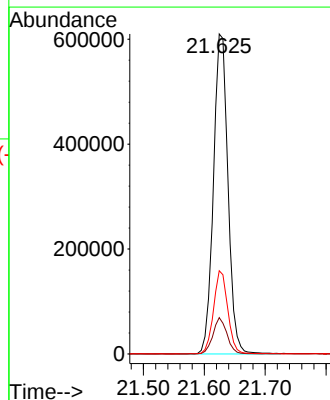
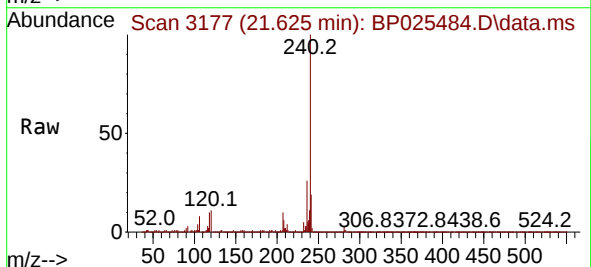
Tgt Ion:240 Resp: 1011218

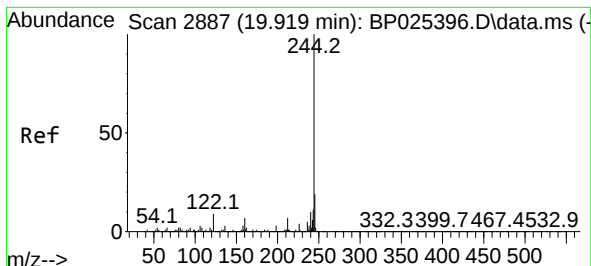
Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 26.0 19.8 29.8





#79

Terphenyl-d14

Concen: 48.635 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025484.D

Acq: 19 Aug 2025 20:21

Instrument :

BNA_P

ClientSampleId :

TW-22M-N

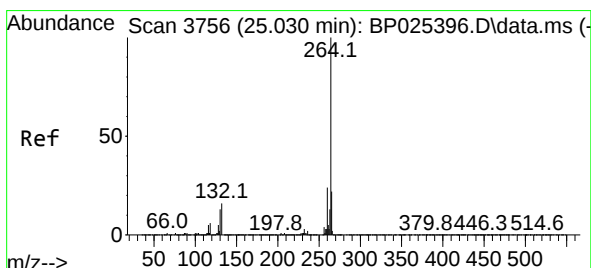
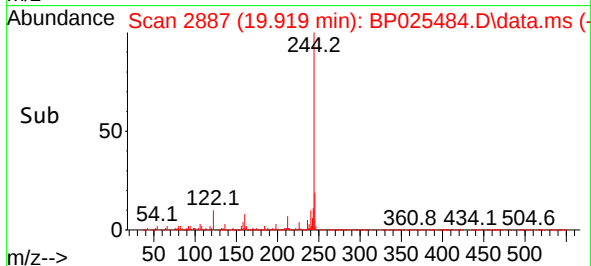
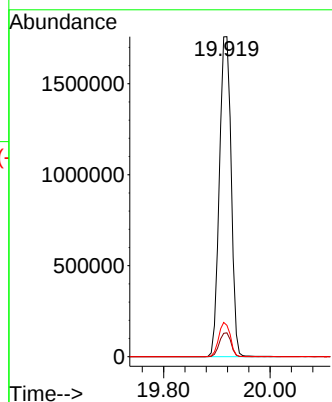
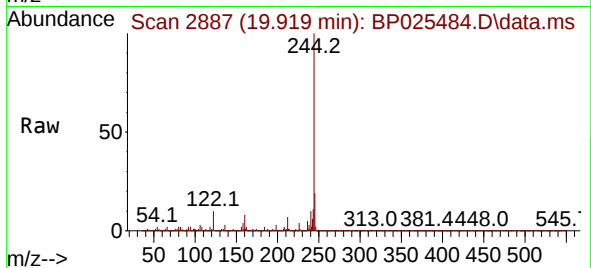
Tgt Ion:244 Resp: 2688109

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.8 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 3750

Delta R.T. -0.035 min

Lab File: BP025484.D

Acq: 19 Aug 2025 20:21

Tgt Ion:264 Resp: 1092932

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 21.5 17.4 26.0

