

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025448.D
 Acq On : 16 Aug 2025 06:45
 Operator : CG/JU
 Sample : Q2832-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S01

Quant Time: Aug 18 01:41:39 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	158542	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	622142	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	405060	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	872287	20.000	ng	0.00
76) Chrysene-d12	21.624	240	920454	20.000	ng	-0.02
86) Perylene-d12	24.977	264	1004867	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1119458	117.261	ng	0.00
7) Phenol-d6	6.966	99	1328551	108.545	ng	0.00
23) Nitrobenzene-d5	8.931	82	970733	78.929	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	692030	126.928	ng	-0.01
45) 2-Fluorobiphenyl	13.019	172	2203030	74.331	ng	0.00
79) Terphenyl-d14	19.919	244	3805322	75.638	ng	0.00

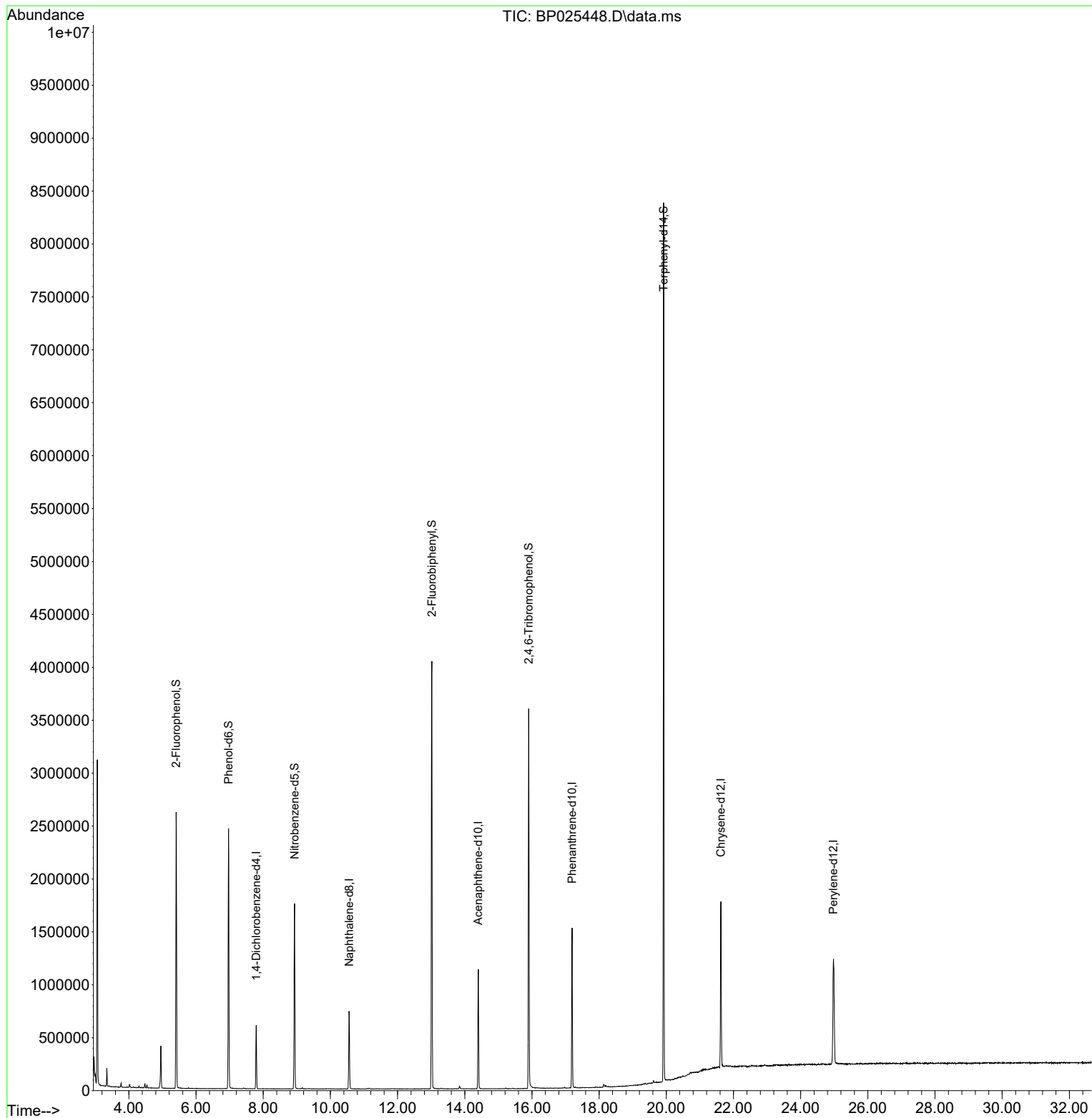
Target Compounds	Qvalue

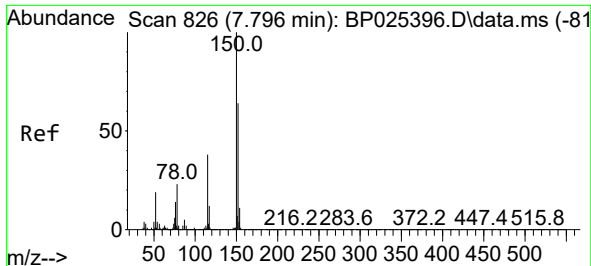
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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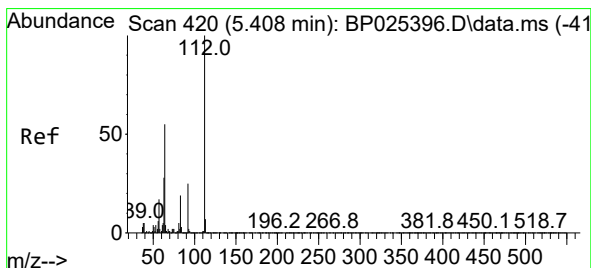
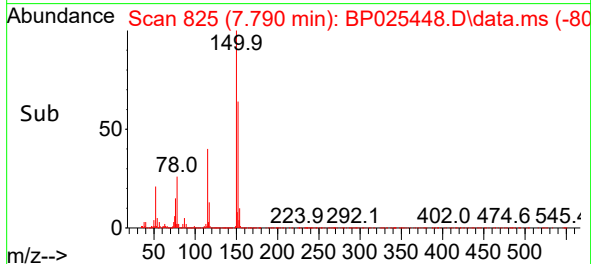
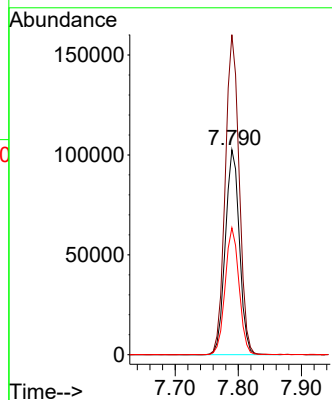
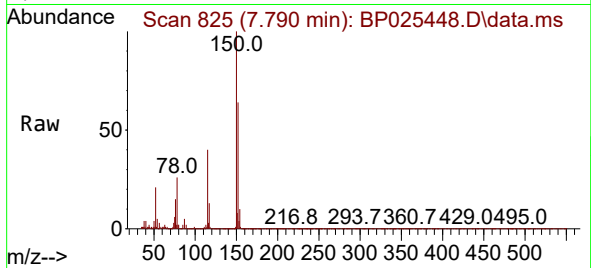




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025448.D
 Acq: 16 Aug 2025 06:45

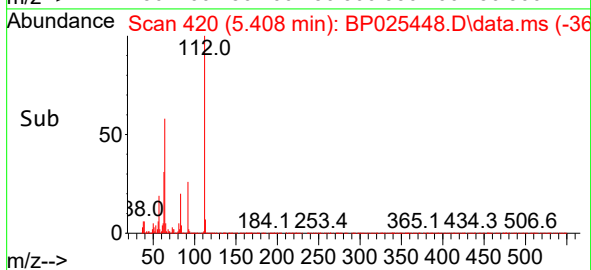
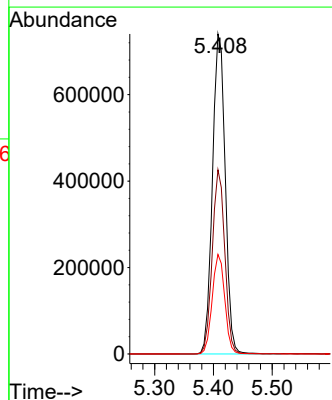
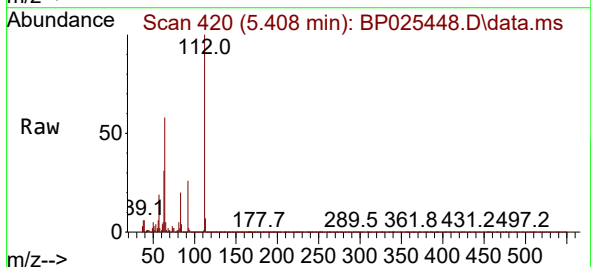
Instrument :
 BNA_P
 ClientSampleId :
 TG-S01

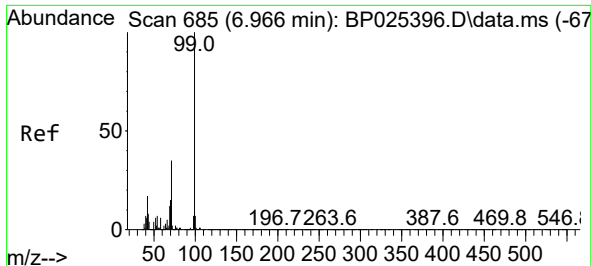
Tgt Ion:152 Resp: 158542
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.9 188.9
 115 61.9 48.5 72.7



#5
 2-Fluorophenol
 Concen: 117.261 ng
 RT: 5.408 min Scan# 420
 Delta R.T. 0.000 min
 Lab File: BP025448.D
 Acq: 16 Aug 2025 06:45

Tgt Ion:112 Resp: 1119458
 Ion Ratio Lower Upper
 112 100
 64 57.5 43.8 65.8
 63 31.1 22.7 34.1



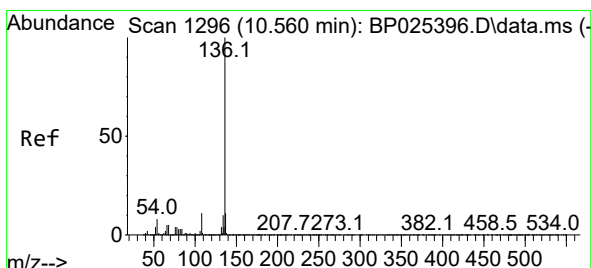
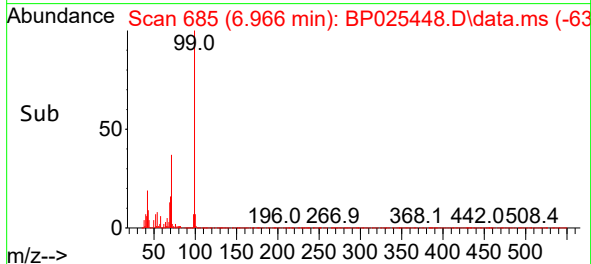
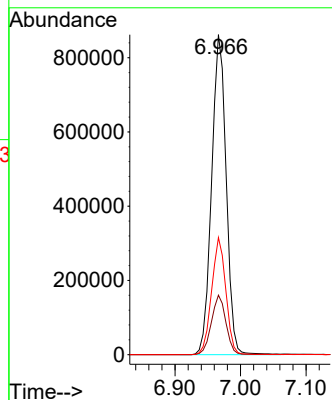
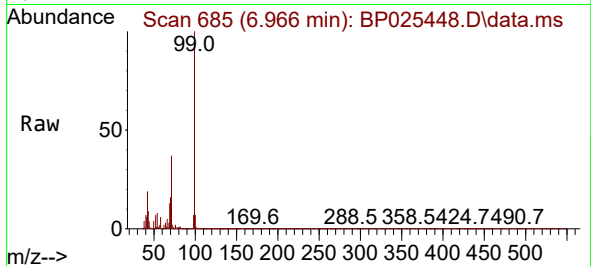


#7
Phenol-d6
Concen: 108.545 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025448.D
Acq: 16 Aug 2025 06:45

Instrument :
BNA_P
ClientSampleId :
TG-S01

Tgt Ion: 99 Resp: 1328551

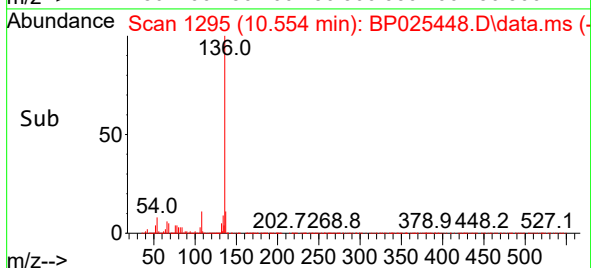
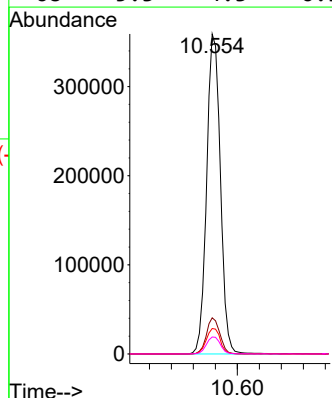
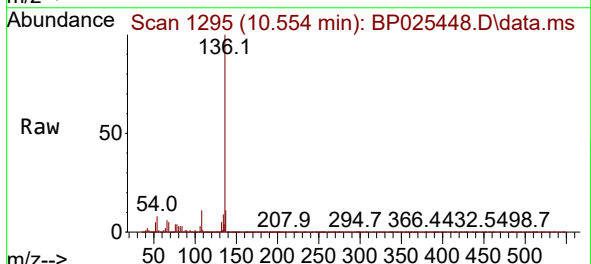
Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.7	20.5
71	36.6	28.2	42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025448.D
Acq: 16 Aug 2025 06:45

Tgt Ion:136 Resp: 622142

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.0	6.0	9.0
68	5.3	4.3	6.5





#23

Nitrobenzene-d5

Concen: 78.929 ng

RT: 8.931 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP025448.D

Acq: 16 Aug 2025 06:45

Instrument :

BNA_P

ClientSampleId :

TG-S01

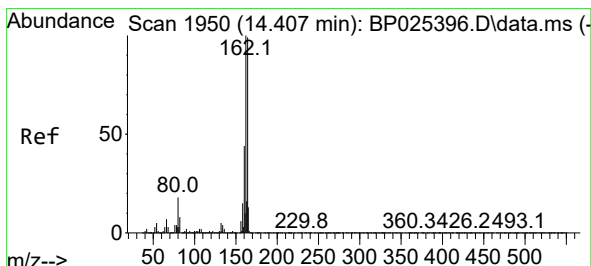
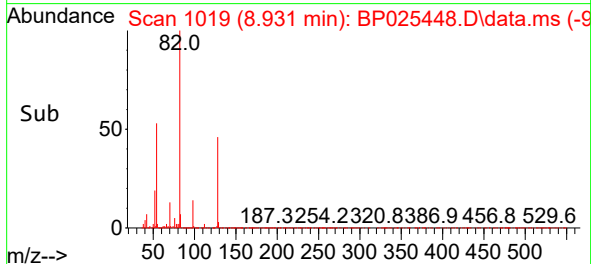
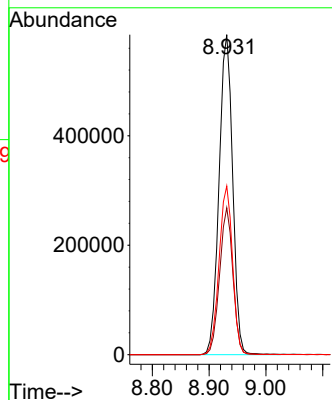
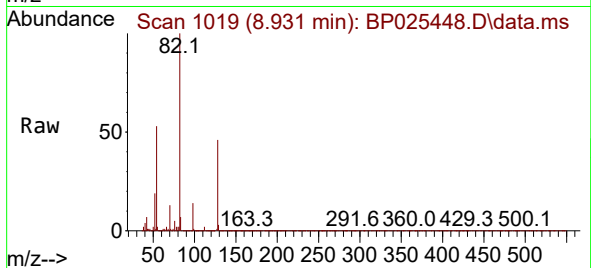
Tgt Ion: 82 Resp: 970733

Ion Ratio Lower Upper

82 100

128 45.9 37.7 56.5

54 52.7 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: BP025448.D

Acq: 16 Aug 2025 06:45

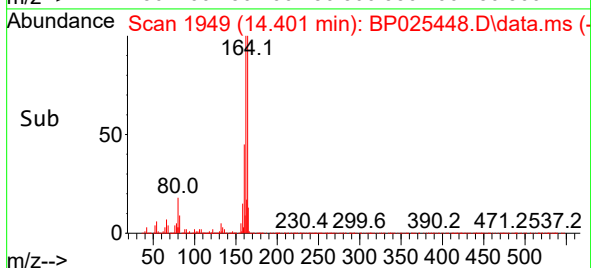
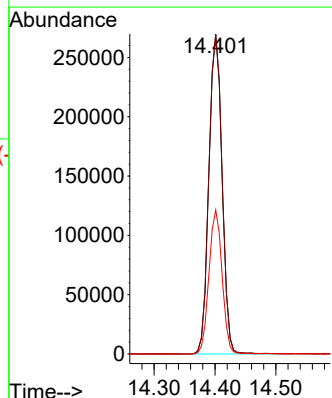
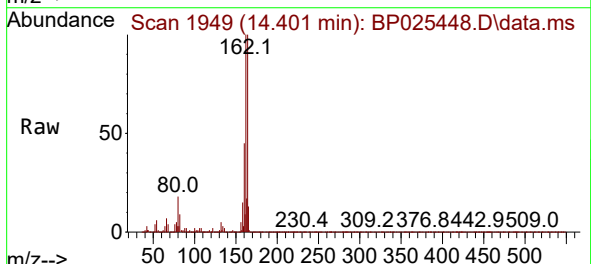
Tgt Ion: 164 Resp: 405060

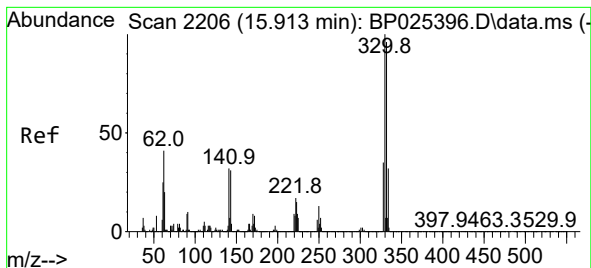
Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.6

160 45.1 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 126.928 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025448.D

Acq: 16 Aug 2025 06:45

Instrument :

BNA_P

ClientSampleId :

TG-S01

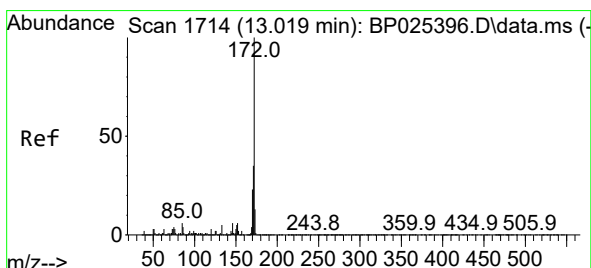
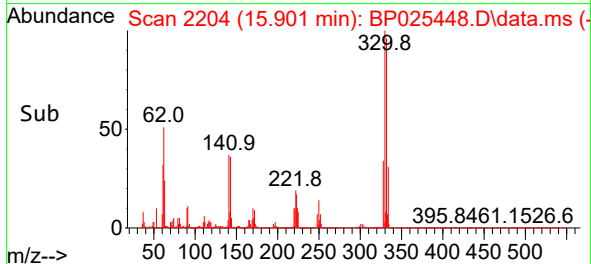
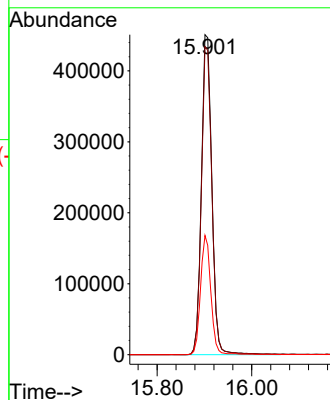
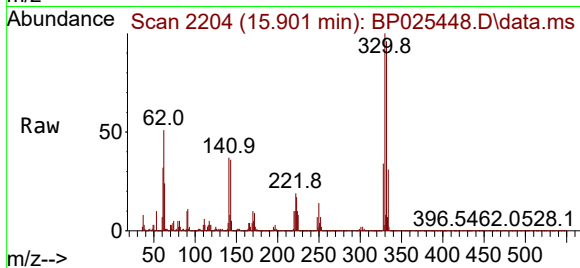
Tgt Ion:330 Resp: 692030

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 36.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 74.331 ng

RT: 13.019 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP025448.D

Acq: 16 Aug 2025 06:45

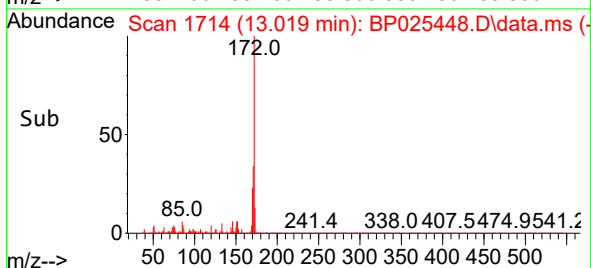
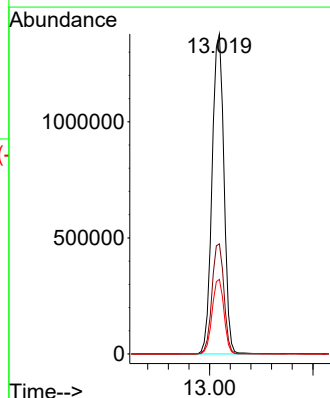
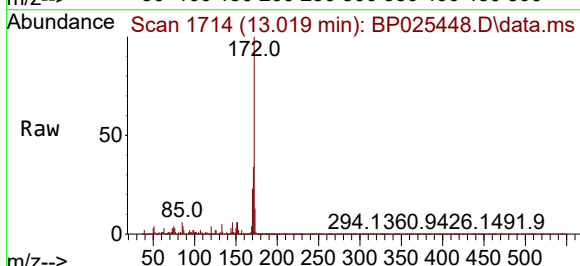
Tgt Ion:172 Resp: 2203030

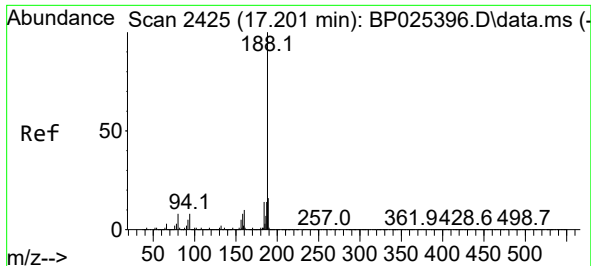
Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.3 18.6 28.0

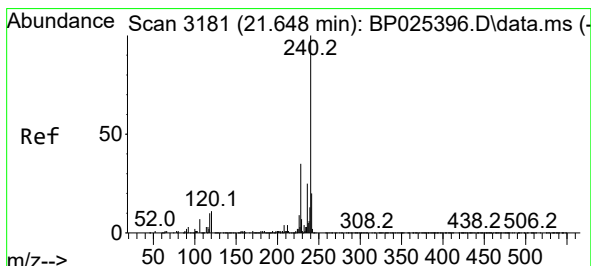
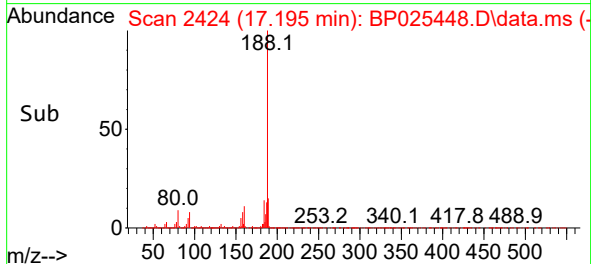
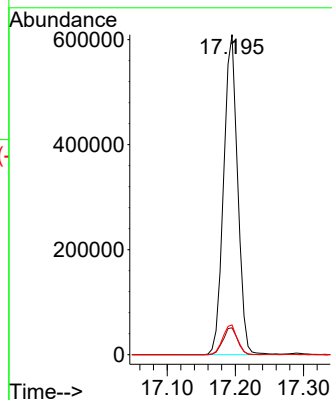
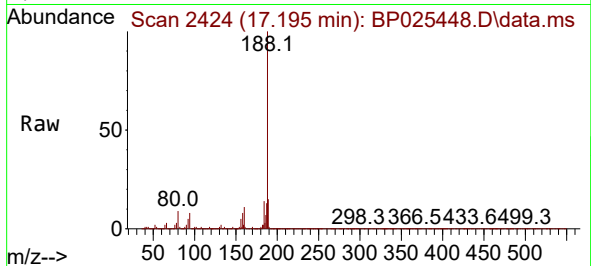




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP025448.D
Acq: 16 Aug 2025 06:45

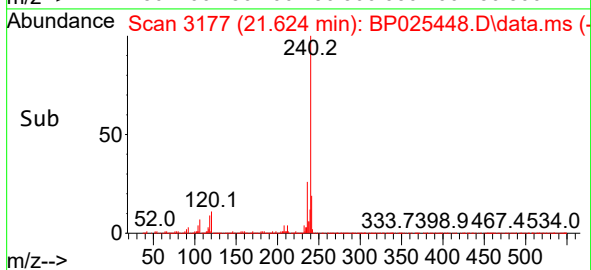
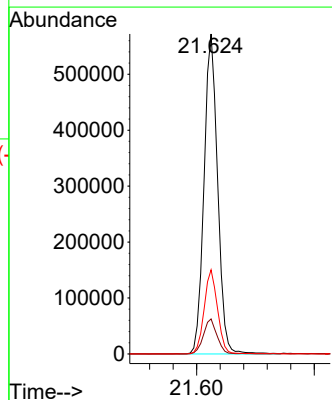
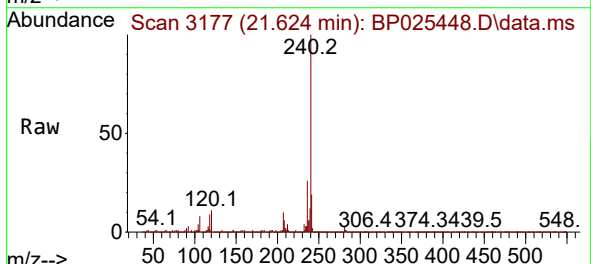
Instrument :
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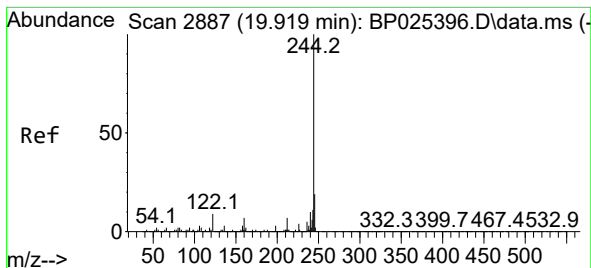
Tgt Ion:188 Resp: 872287
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.3 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.024 min
Lab File: BP025448.D
Acq: 16 Aug 2025 06:45

Tgt Ion:240 Resp: 920454
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.3 19.8 29.8





#79

Terphenyl-d14

Concen: 75.638 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025448.D

Acq: 16 Aug 2025 06:45

Instrument :

BNA_P

ClientSampleId :

TG-S01

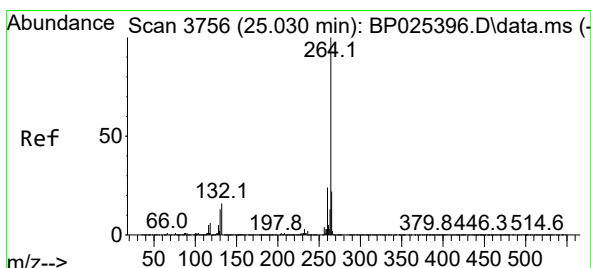
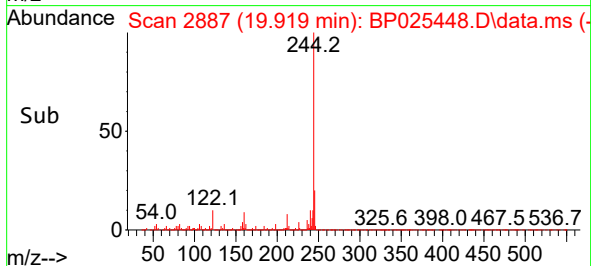
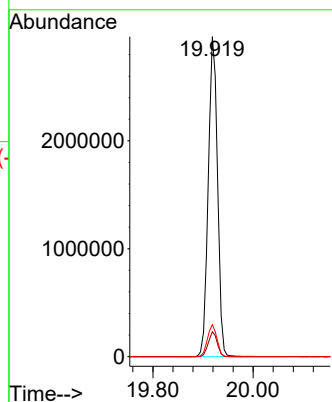
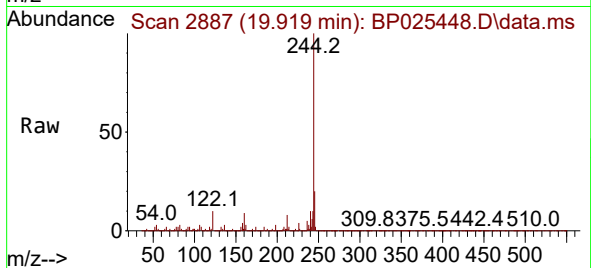
Tgt Ion:244 Resp: 3805322

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 10.0 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.977 min Scan# 3747

Delta R.T. -0.053 min

Lab File: BP025448.D

Acq: 16 Aug 2025 06:45

Tgt Ion:264 Resp: 1004867

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 21.7 17.4 26.0

