

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025451.D
 Acq On : 16 Aug 2025 08:48
 Operator : CG/JU
 Sample : Q2832-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S02

Quant Time: Aug 18 01:43:30 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	141359	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	556152	20.000	ng	0.00
39) Acenaphthene-d10	14.396	164	374083	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	813410	20.000	ng	-0.01
76) Chrysene-d12	21.625	240	862873	20.000	ng	-0.02
86) Perylene-d12	24.995	264	957475	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1079862	126.863	ng	0.00
7) Phenol-d6	6.966	99	1286759	117.909	ng	0.00
23) Nitrobenzene-d5	8.931	82	950649	86.467	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	720965	143.185	ng	-0.01
45) 2-Fluorobiphenyl	13.013	172	2165608	79.119	ng	0.00
79) Terphenyl-d14	19.919	244	3919075	83.097	ng	0.00

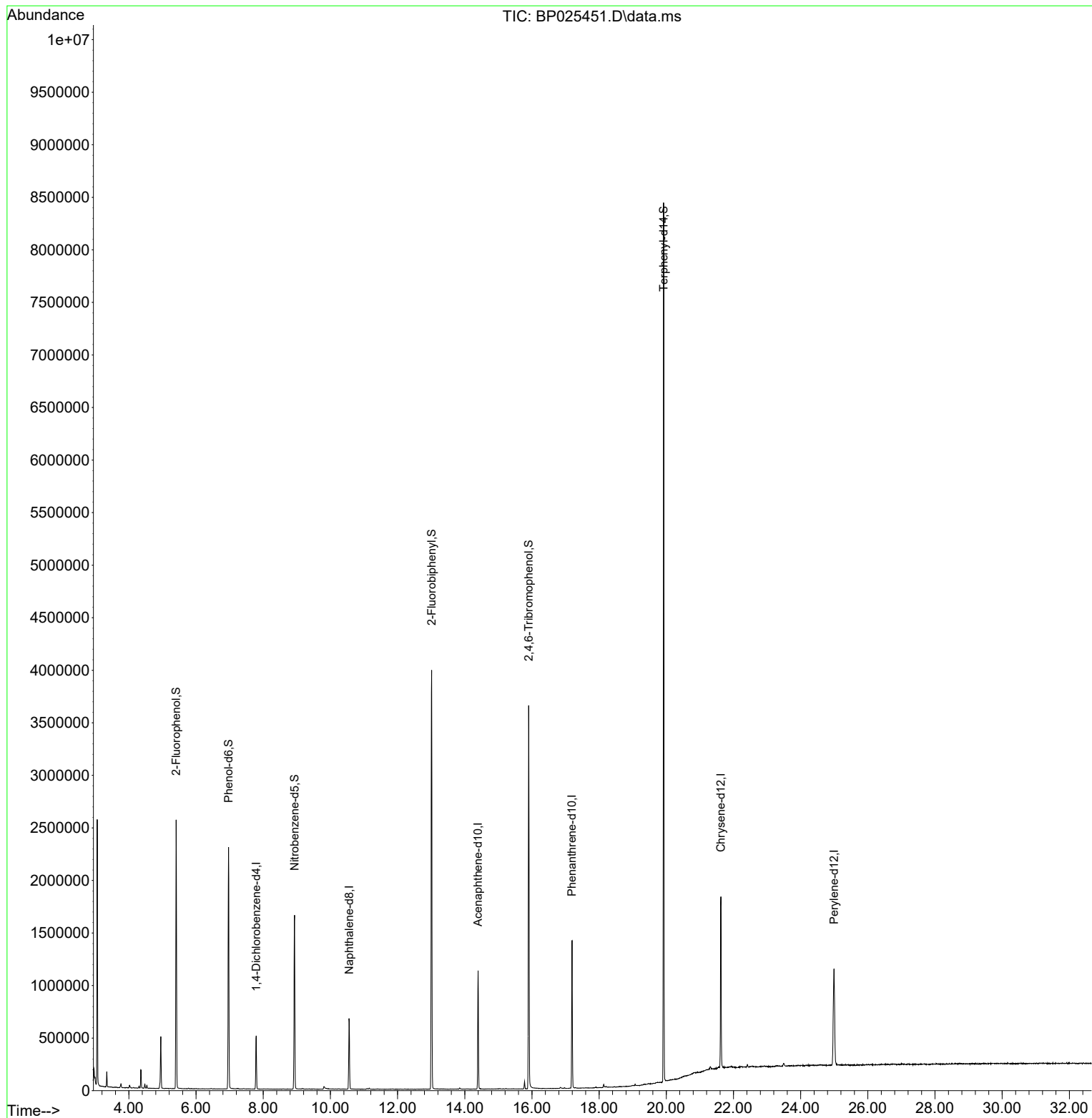
Target Compounds	Qvalue

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

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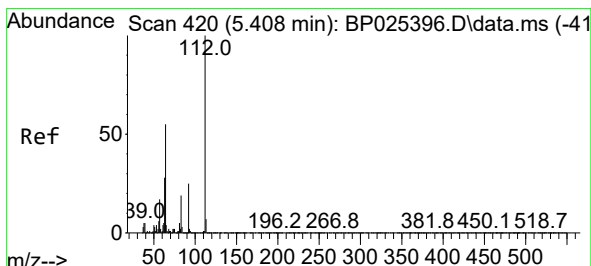
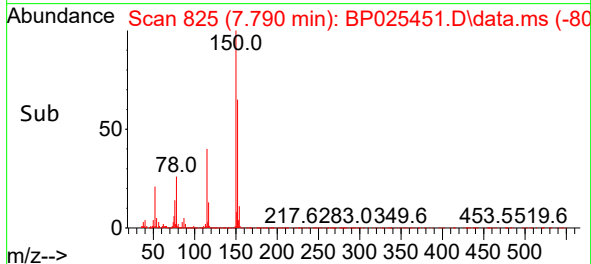
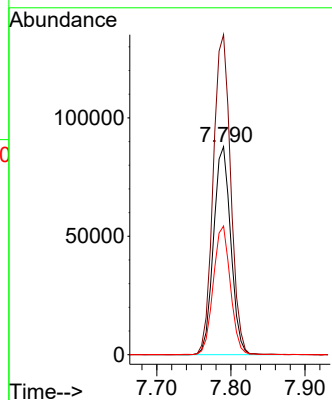
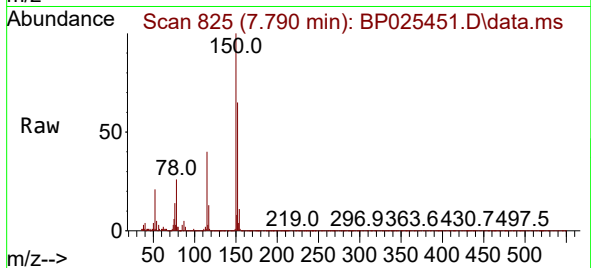




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025451.D
Acq: 16 Aug 2025 08:48

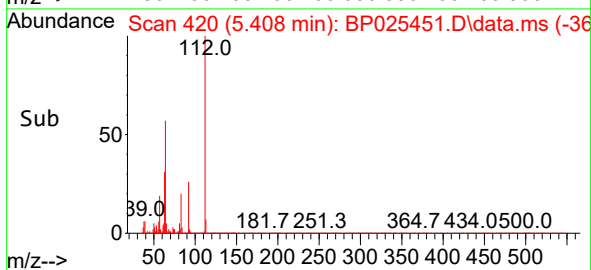
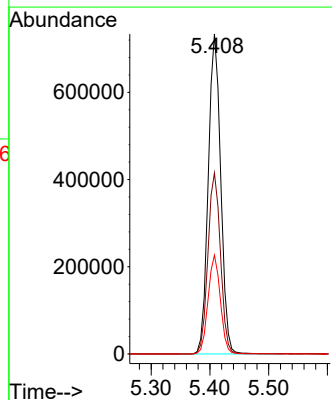
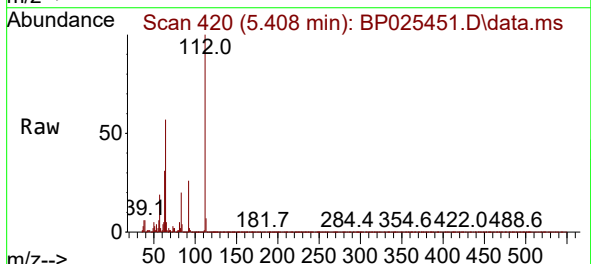
Instrument :
BNA_P
ClientSampleId :
TG-S02

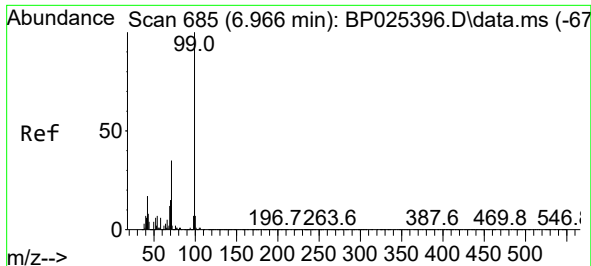
Tgt Ion:152 Resp: 141359
Ion Ratio Lower Upper
152 100
150 153.9 125.9 188.9
115 61.8 48.5 72.7



#5
2-Fluorophenol
Concen: 126.863 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025451.D
Acq: 16 Aug 2025 08:48

Tgt Ion:112 Resp: 1079862
Ion Ratio Lower Upper
112 100
64 56.5 43.8 65.8
63 30.9 22.7 34.1



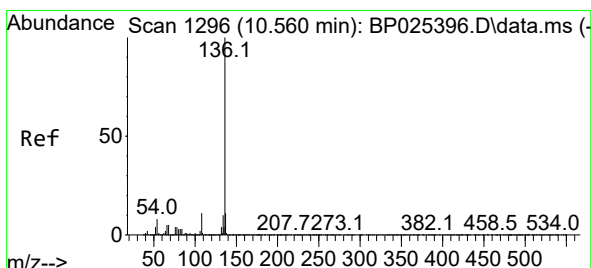
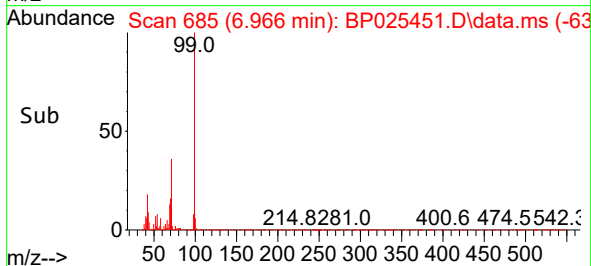
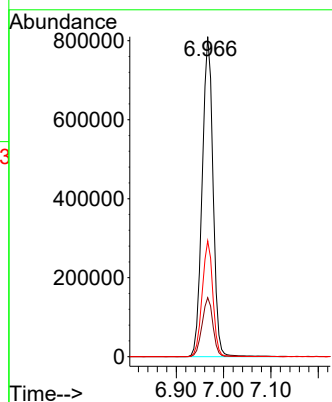
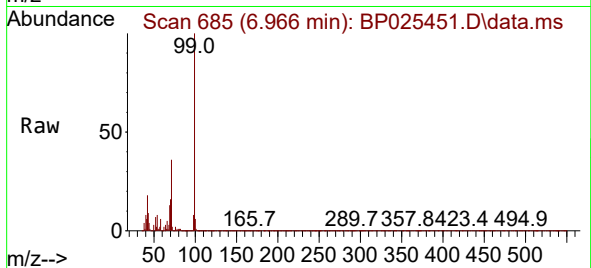


#7
Phenol-d6
Concen: 117.909 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025451.D
Acq: 16 Aug 2025 08:48

Instrument :
BNA_P
ClientSampleId :
TG-S02

Tgt Ion: 99 Resp: 1286759

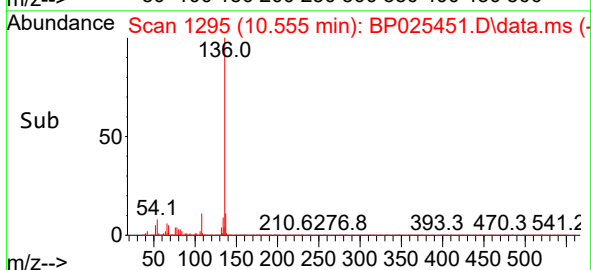
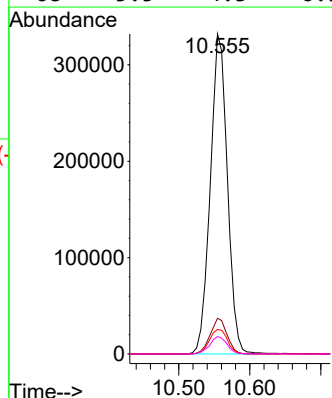
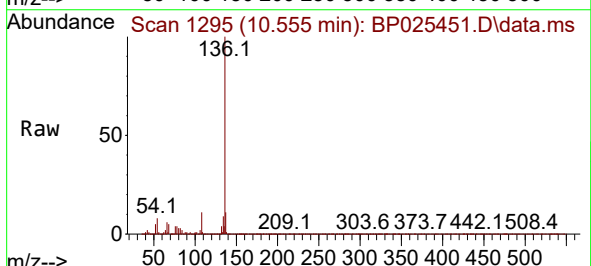
Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.7	20.5
71	36.2	28.2	42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025451.D
Acq: 16 Aug 2025 08:48

Tgt Ion: 136 Resp: 556152

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.6	6.0	9.0
68	5.5	4.3	6.5

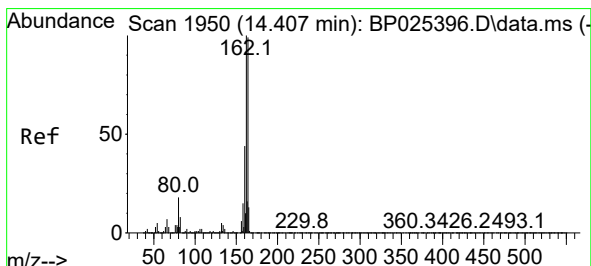
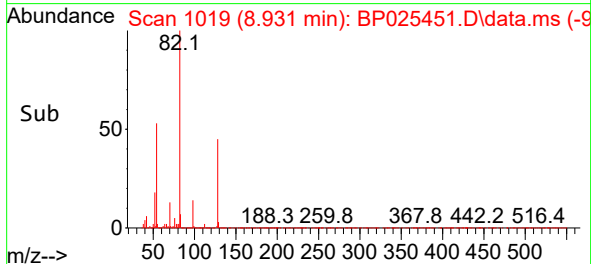
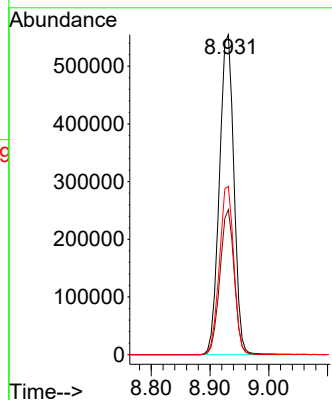
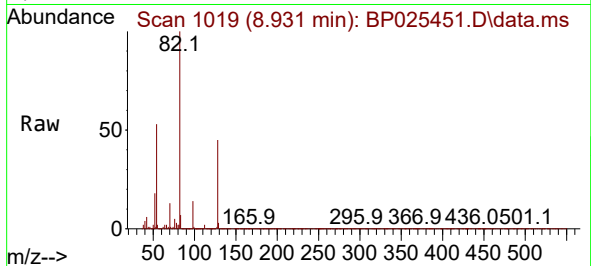




#23
Nitrobenzene-d5
Concen: 86.467 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025451.D
Acq: 16 Aug 2025 08:48

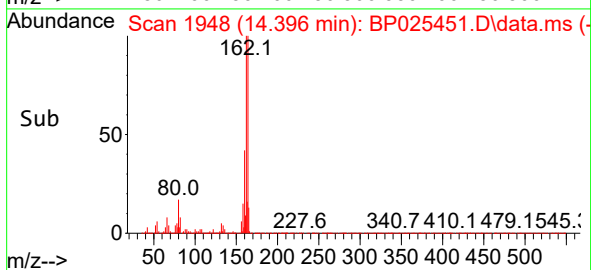
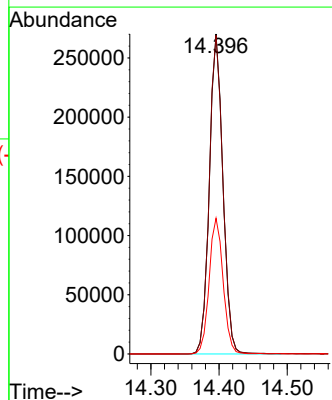
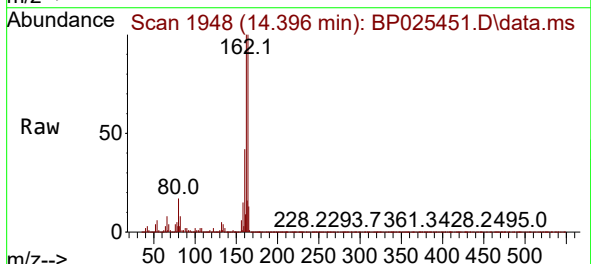
Instrument :
BNA_P
ClientSampleId :
TG-S02

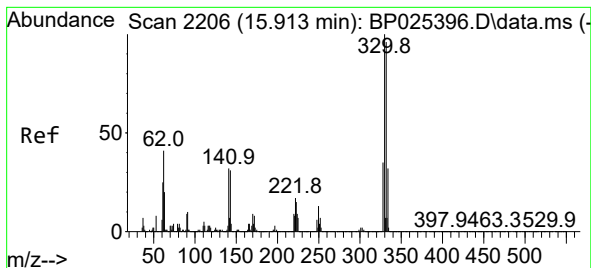
Tgt Ion: 82 Resp: 950649
Ion Ratio Lower Upper
82 100
128 45.3 37.7 56.5
54 52.6 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.396 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025451.D
Acq: 16 Aug 2025 08:48

Tgt Ion: 164 Resp: 374083
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.6
160 42.4 35.4 53.2

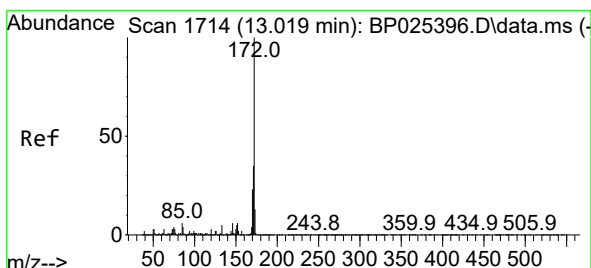
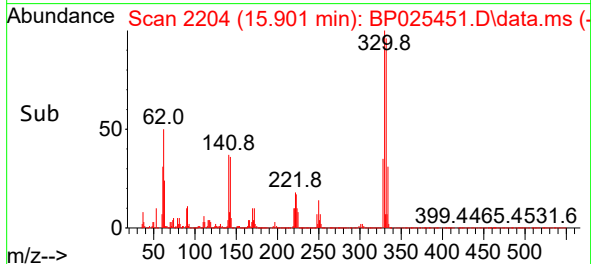
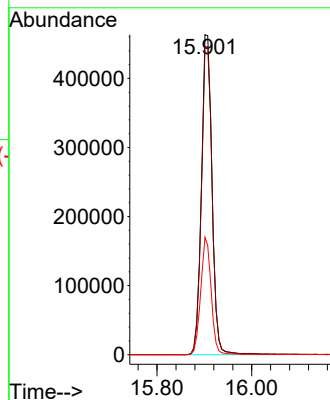
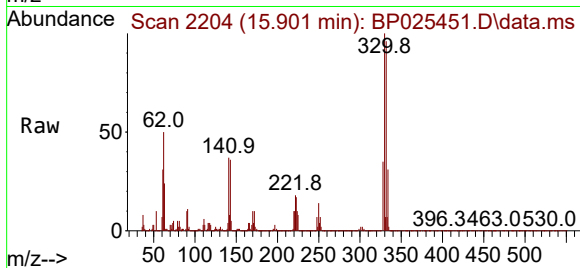




#42
2,4,6-Tribromophenol
Concen: 143.185 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025451.D
Acq: 16 Aug 2025 08:48

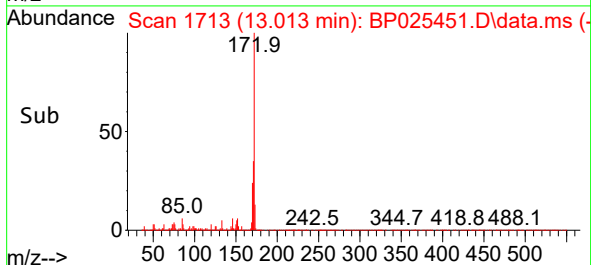
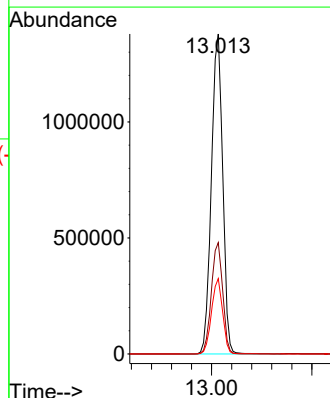
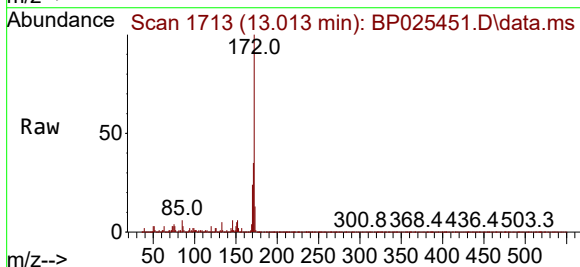
Instrument :
BNA_P
ClientSampleId :
TG-S02

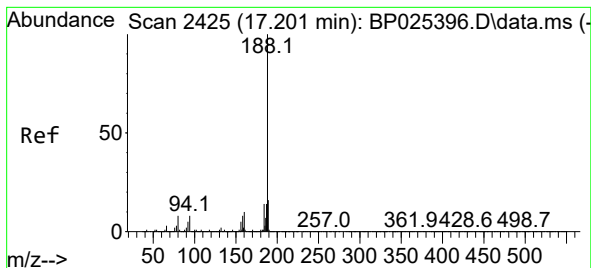
Tgt Ion:330 Resp: 720965
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 36.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 79.119 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025451.D
Acq: 16 Aug 2025 08:48

Tgt Ion:172 Resp: 2165608
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.6 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BP025451.D

Acq: 16 Aug 2025 08:48

Instrument :

BNA_P

ClientSampleId :

TG-S02

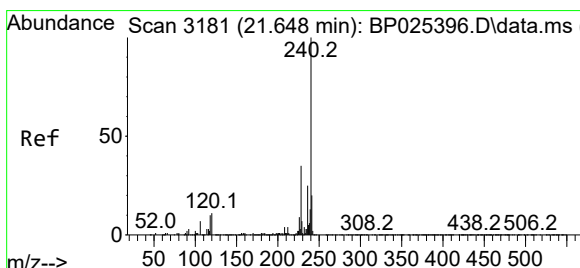
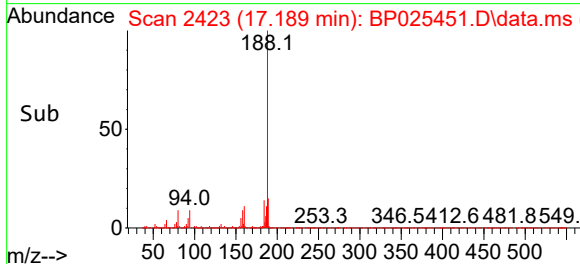
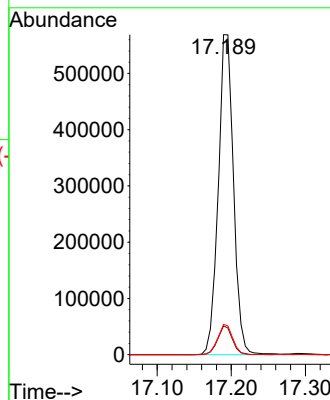
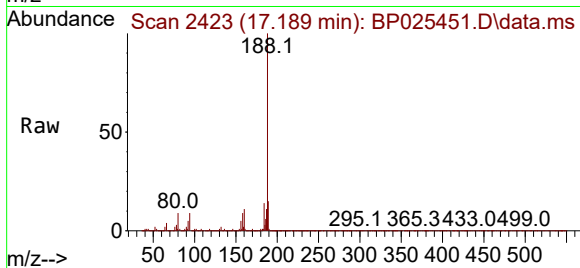
Tgt Ion:188 Resp: 813410

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.5 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: BP025451.D

Acq: 16 Aug 2025 08:48

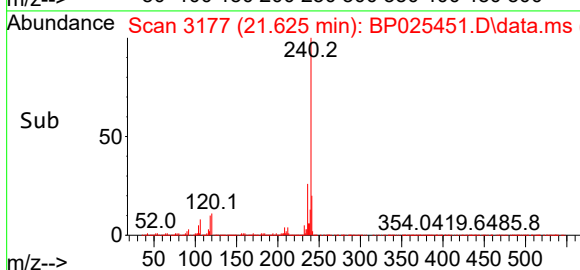
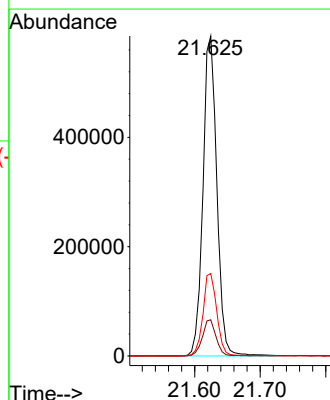
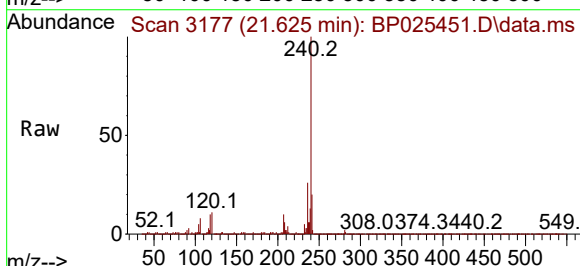
Tgt Ion:240 Resp: 862873

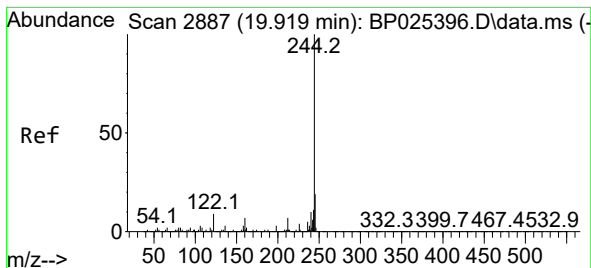
Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.8 19.8 29.8





#79

Terphenyl-d14

Concen: 83.097 ng

RT: 19.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025451.D

Acq: 16 Aug 2025 08:48

Instrument :

BNA_P

ClientSampleId :

TG-S02

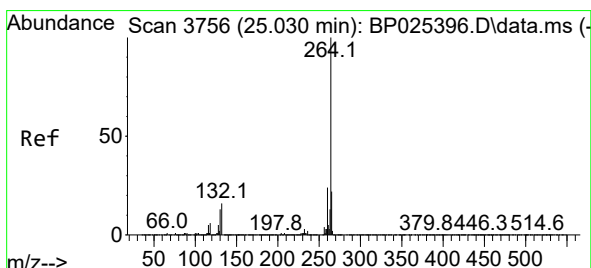
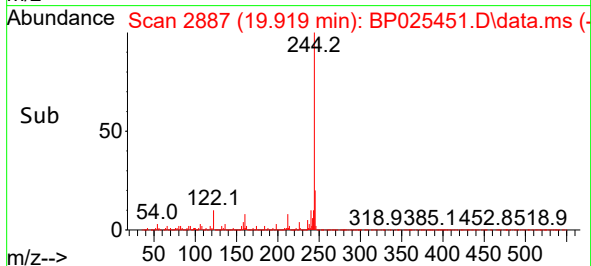
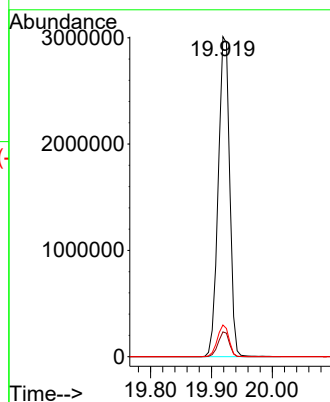
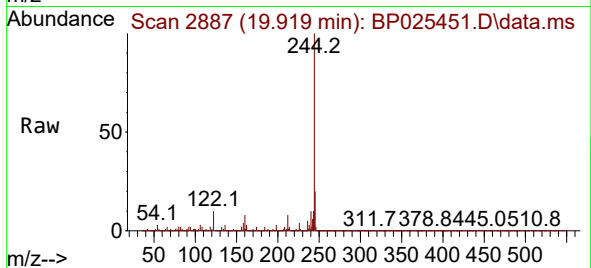
Tgt Ion:244 Resp: 3919075

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 9.9 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: BP025451.D

Acq: 16 Aug 2025 08:48

Tgt Ion:264 Resp: 957475

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.3 17.4 26.0

