

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025475.D
 Acq On : 19 Aug 2025 14:10
 Operator : CG/JU
 Sample : Q2815-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUP

Quant Time: Aug 19 14:56:02 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)

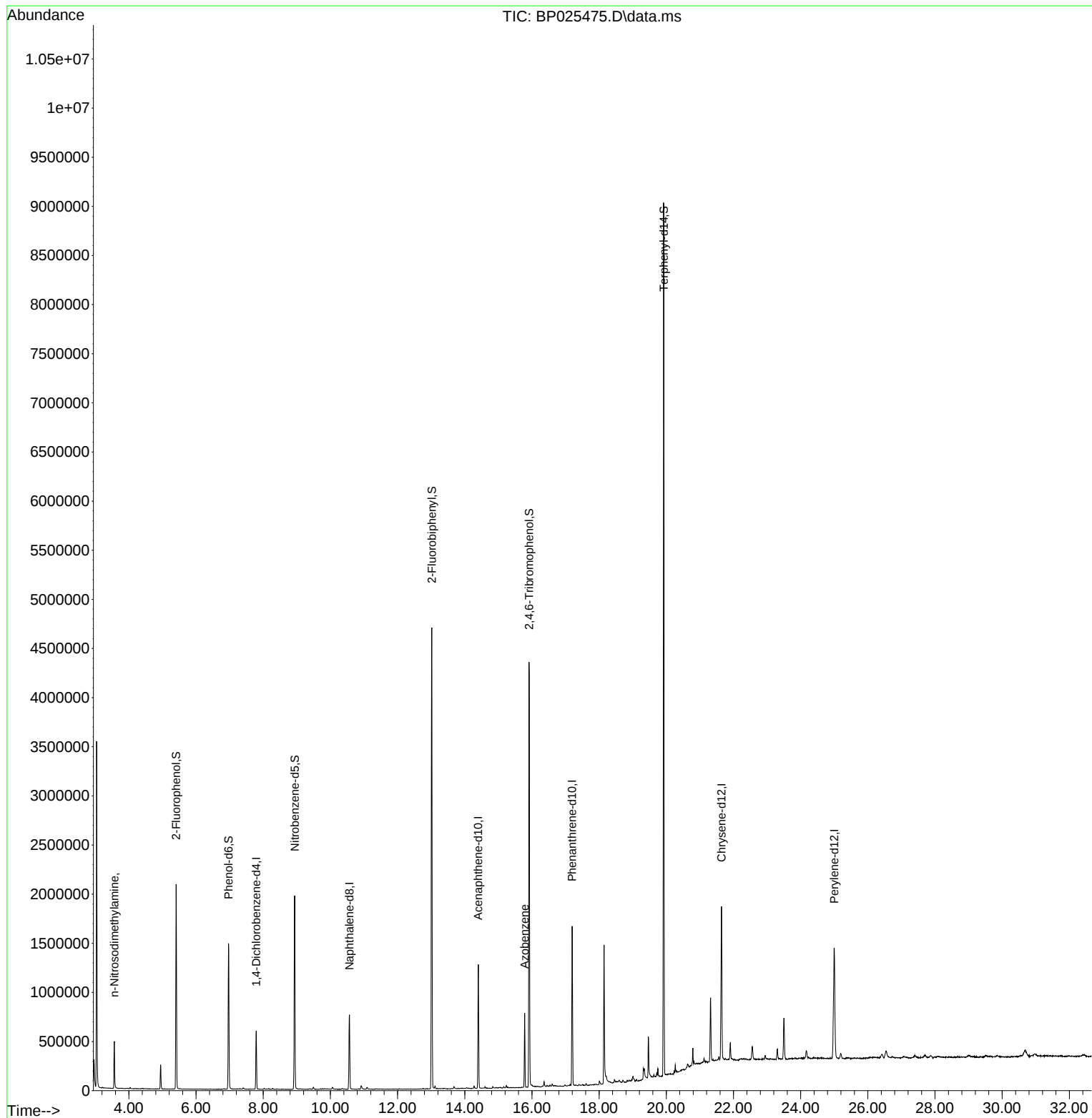
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	168639	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	683732	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	469521	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	1016333	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1089183	20.000	ng	0.00
86) Perylene-d12	25.001	264	1207989	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	918117	90.413	ng	0.00
7) Phenol-d6	6.966	99	890493	68.399	ng	0.00
23) Nitrobenzene-d5	8.937	82	1128788	83.513	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	899330	142.304	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2657365	77.351	ng	0.00
79) Terphenyl-d14	19.924	244	4688434	78.755	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.567	42	13175	2.935	ng	# 1
63) Azobenzene	15.784	77	196397	6.565	ng	# 1

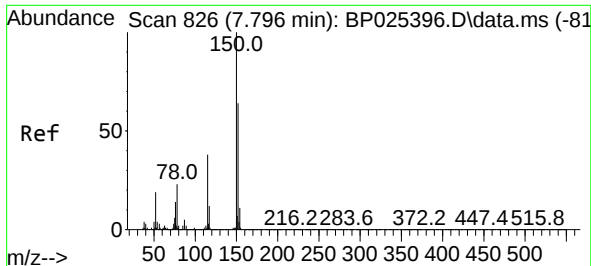
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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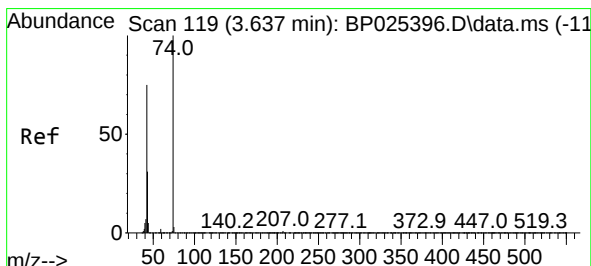
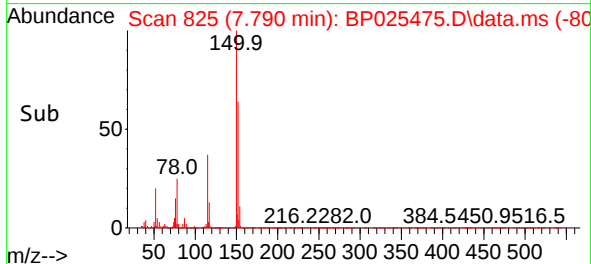
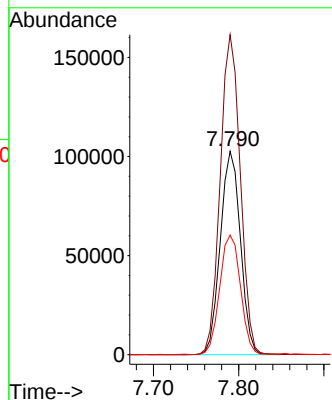
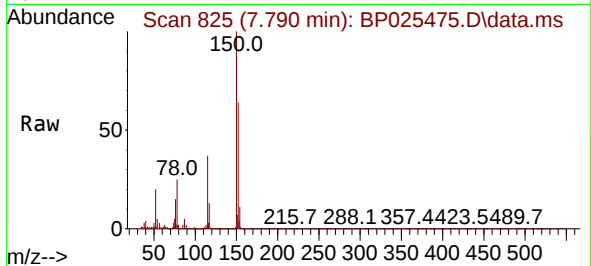




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025475.D
Acq: 19 Aug 2025 14:10

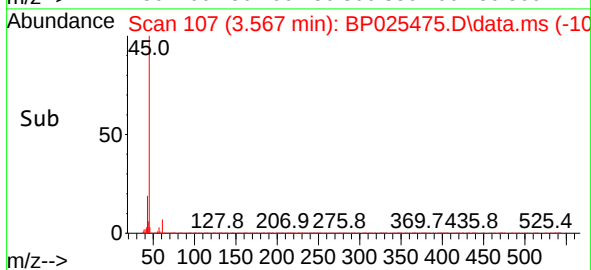
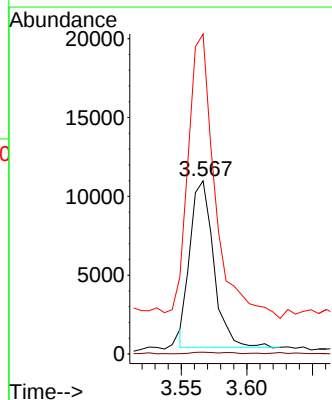
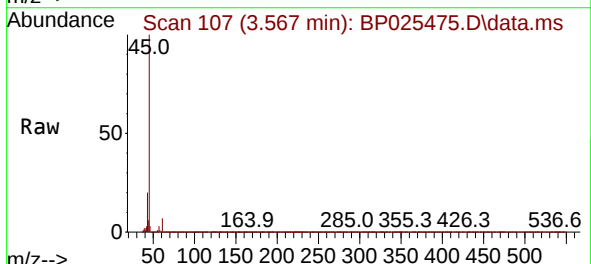
Instrument :
BNA_P
ClientSampleId :
DUP

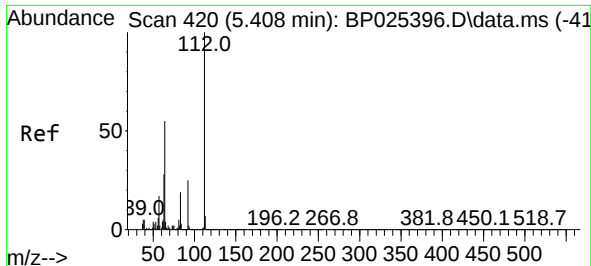
Tgt Ion:152 Resp: 168639
Ion Ratio Lower Upper
152 100
150 157.3 125.9 188.9
115 58.8 48.5 72.7



#4
n-Nitrosodimethylamine
Concen: 2.935 ng
RT: 3.567 min Scan# 107
Delta R.T. -0.071 min
Lab File: BP025475.D
Acq: 19 Aug 2025 14:10

Tgt Ion: 42 Resp: 13175
Ion Ratio Lower Upper
42 100
74 1.0 107.0 160.4#
44 184.9 6.2 9.4#

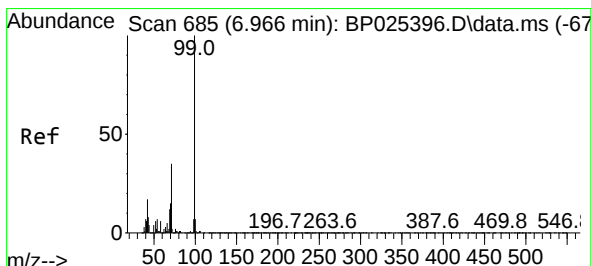
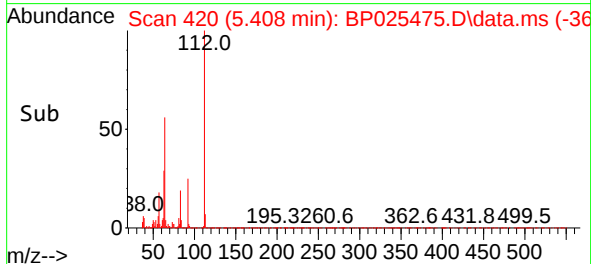
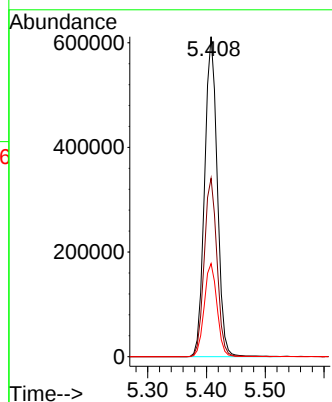
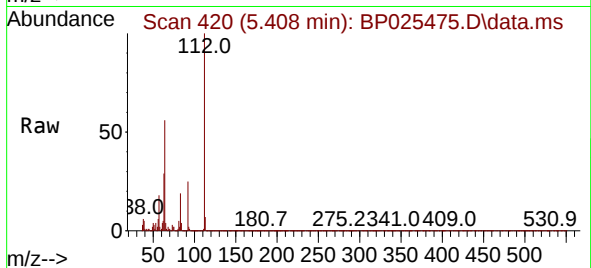




#5
2-Fluorophenol
Concen: 90.413 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025475.D
Acq: 19 Aug 2025 14:10

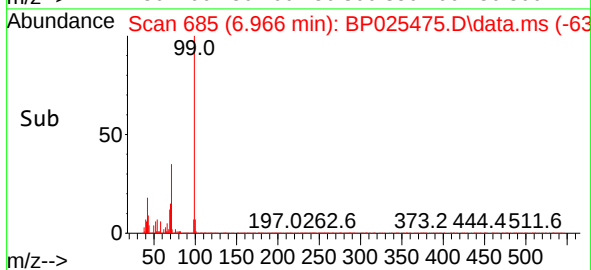
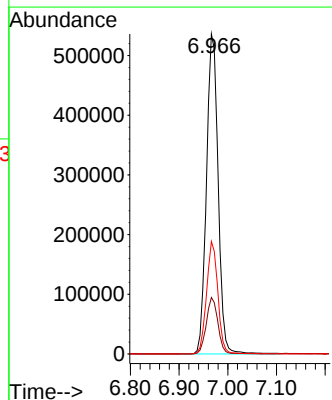
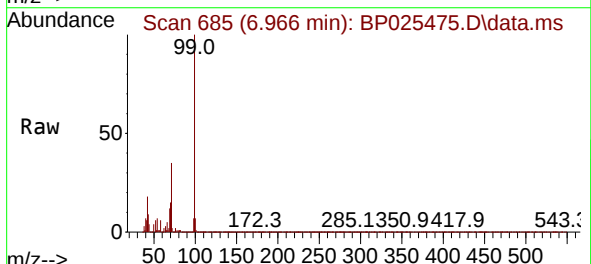
Instrument :
BNA_P
ClientSampleId :
DUP

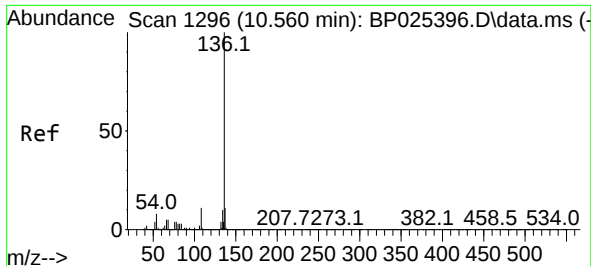
Tgt Ion:112 Resp: 918117
Ion Ratio Lower Upper
112 100
64 55.8 43.8 65.8
63 29.1 22.7 34.1



#7
Phenol-d6
Concen: 68.399 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025475.D
Acq: 19 Aug 2025 14:10

Tgt Ion: 99 Resp: 890493
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 35.1 28.2 42.4

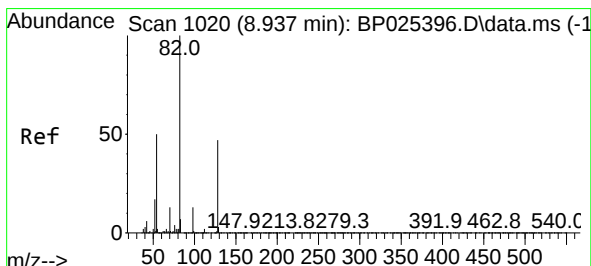
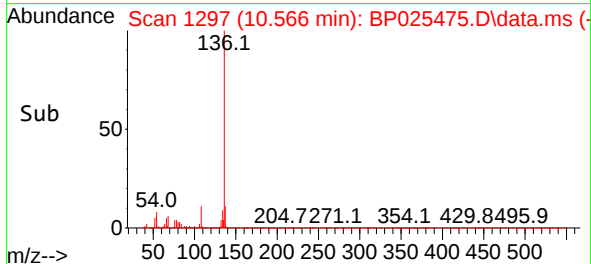
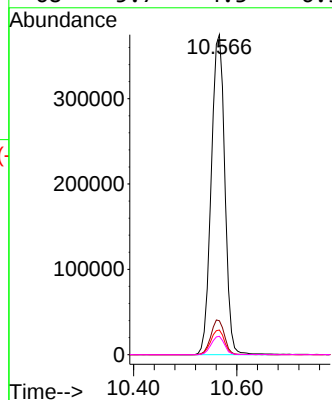
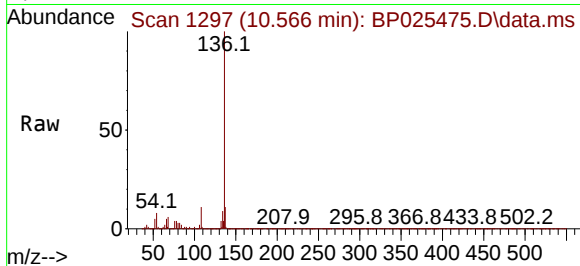




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.566 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BP025475.D
Acq: 19 Aug 2025 14:10

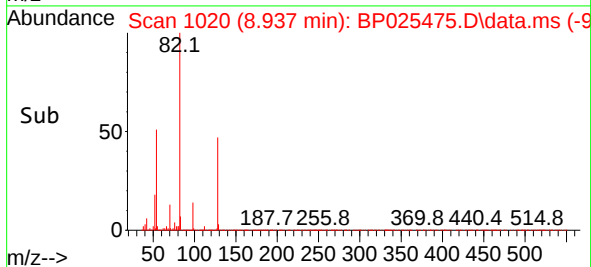
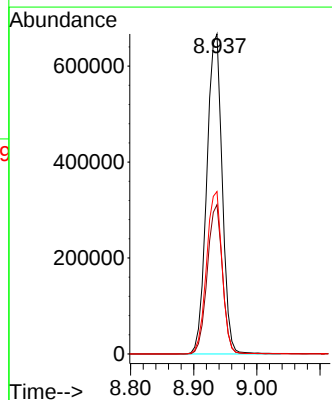
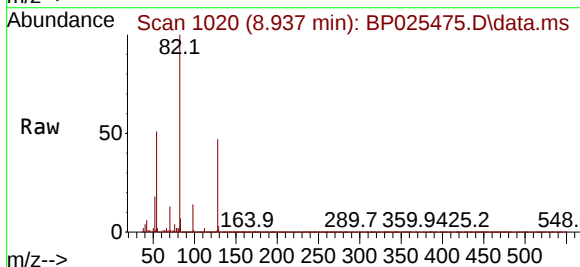
Instrument :
BNA_P
ClientSampleId :
DUP

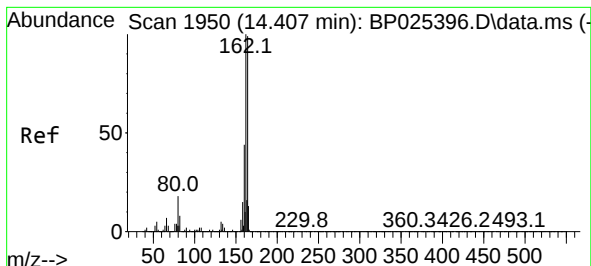
Tgt Ion:	136	Resp:	683732
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.7	6.0	9.0
68	5.7	4.3	6.5



#23
Nitrobenzene-d5
Concen: 83.513 ng
RT: 8.937 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP025475.D
Acq: 19 Aug 2025 14:10

Tgt Ion:	82	Resp:	1128788
Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.7	56.5
54	50.8	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: BP025475.D

Acq: 19 Aug 2025 14:10

Instrument :

BNA_P

ClientSampleId :

DUP

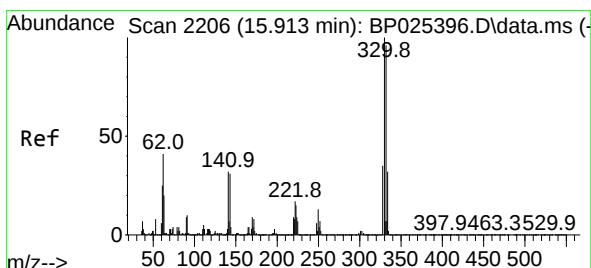
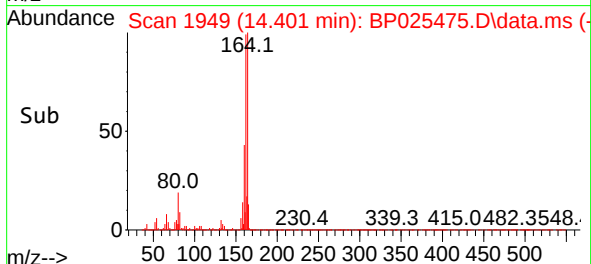
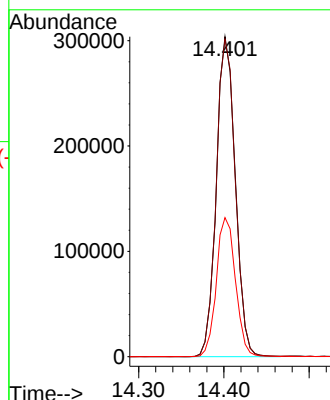
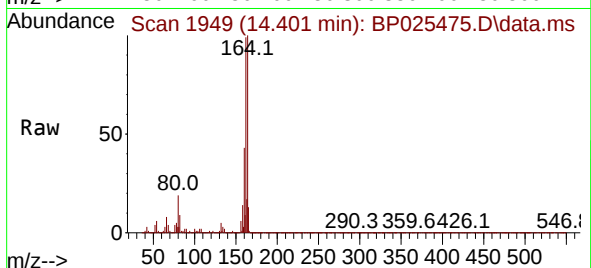
Tgt Ion:164 Resp: 469521

Ion Ratio Lower Upper

164 100

162 99.2 81.0 121.6

160 43.4 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 142.304 ng

RT: 15.919 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BP025475.D

Acq: 19 Aug 2025 14:10

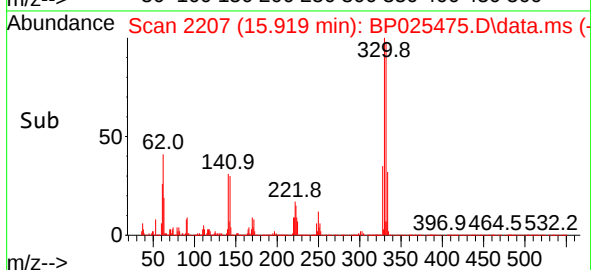
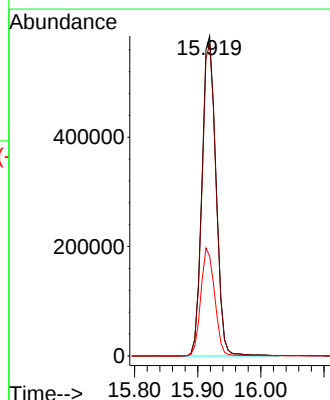
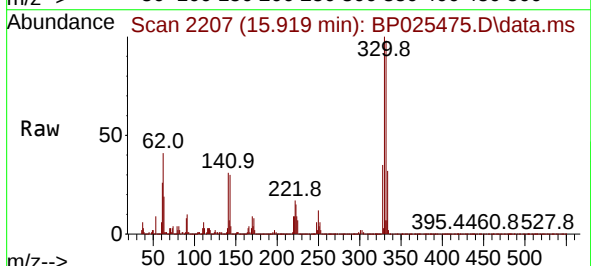
Tgt Ion:330 Resp: 899330

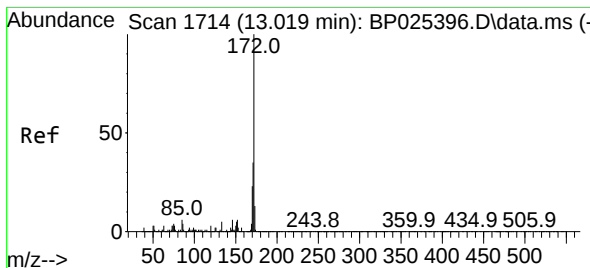
Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

141 33.4 26.6 39.8

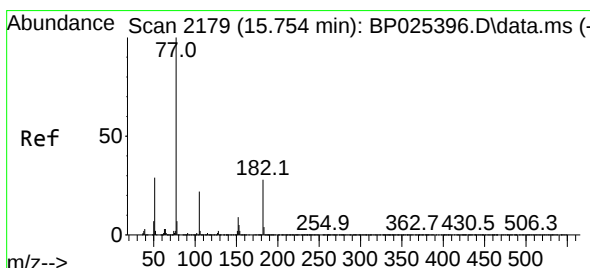
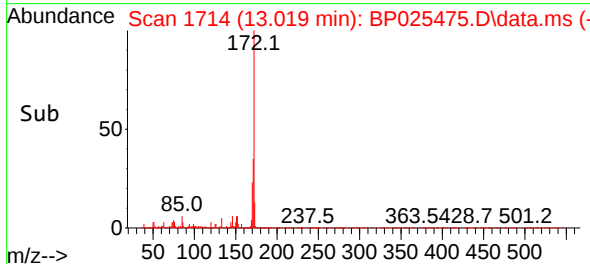
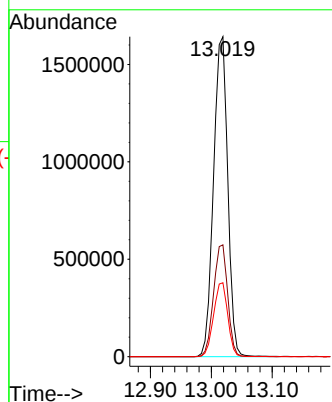
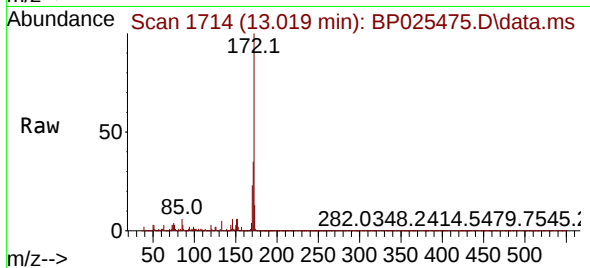




#45
2-Fluorobiphenyl
Concen: 77.351 ng
RT: 13.019 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025475.D
Acq: 19 Aug 2025 14:10

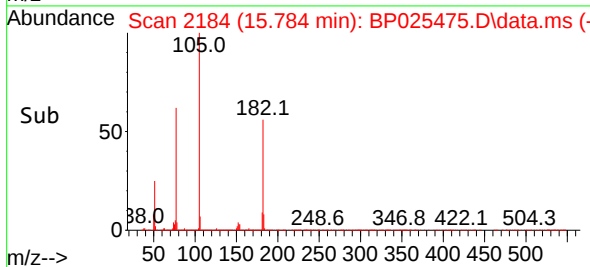
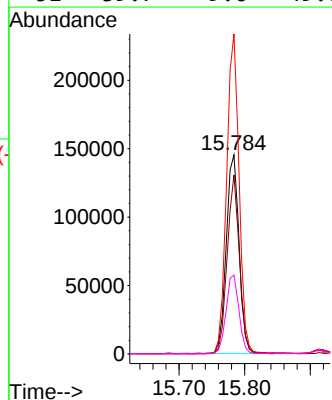
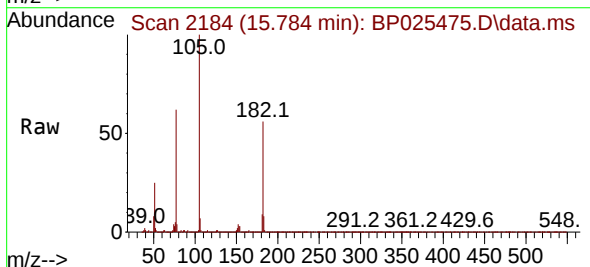
Instrument :
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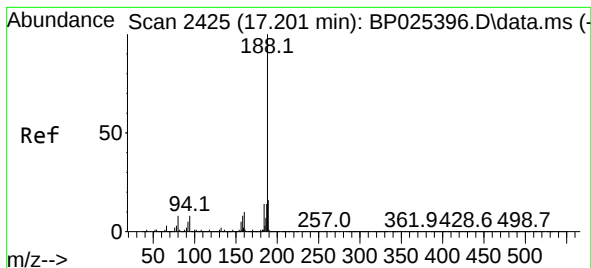
Tgt Ion:172 Resp: 2657365
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.1 18.6 28.0



#63
Azobenzene
Concen: 6.565 ng
RT: 15.784 min Scan# 2184
Delta R.T. 0.029 min
Lab File: BP025475.D
Acq: 19 Aug 2025 14:10

Tgt Ion: 77 Resp: 196397
Ion Ratio Lower Upper
77 100
182 90.0 7.5 47.5#
105 160.8 2.1 42.1#
51 39.7 9.6 49.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP025475.D

Acq: 19 Aug 2025 14:10

Instrument :

BNA_P

ClientSampleId :

DUP

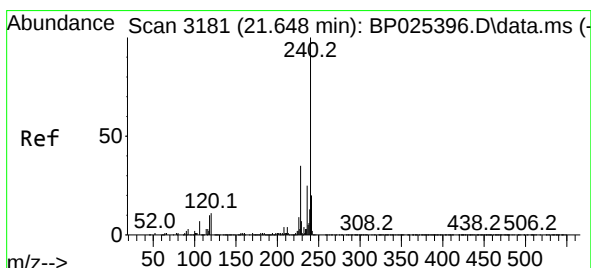
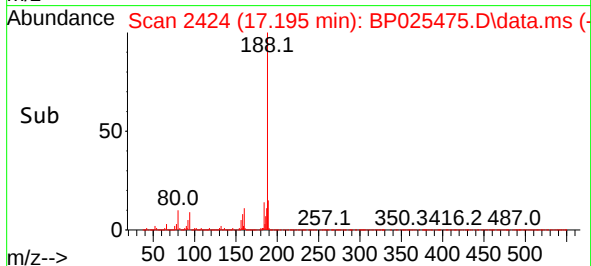
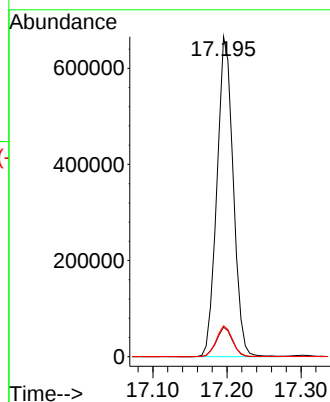
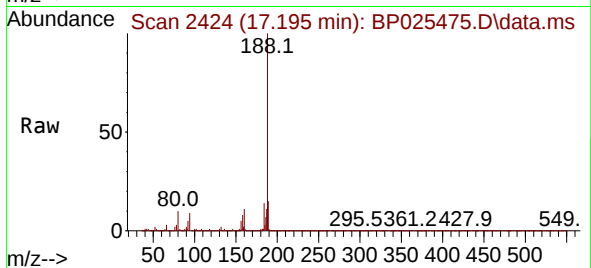
Tgt Ion:188 Resp: 1016333

Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

80 9.7 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BP025475.D

Acq: 19 Aug 2025 14:10

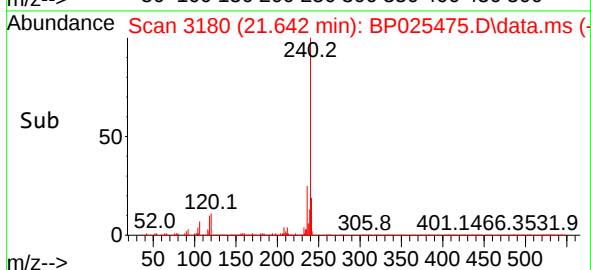
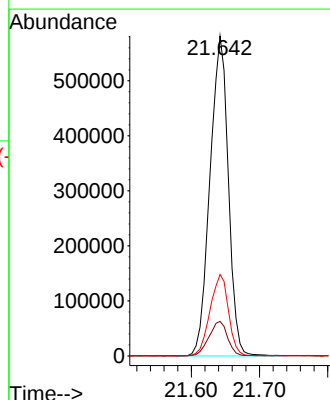
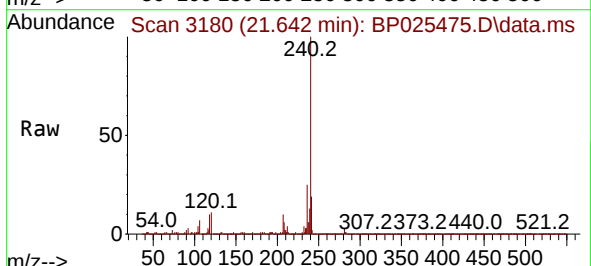
Tgt Ion:240 Resp: 1089183

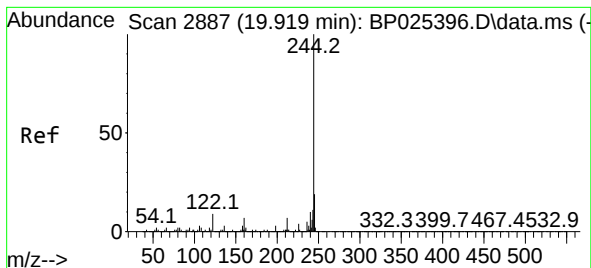
Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

236 25.4 19.8 29.8





#79

Terphenyl-d14

Concen: 78.755 ng

RT: 19.924 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025475.D

Acq: 19 Aug 2025 14:10

Instrument :

BNA_P

ClientSampleId :

DUP

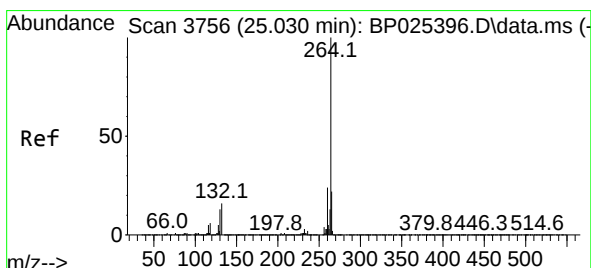
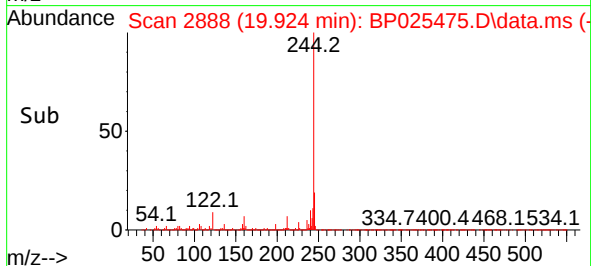
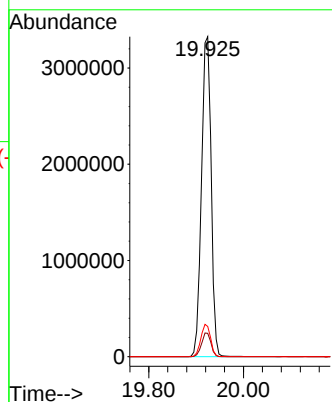
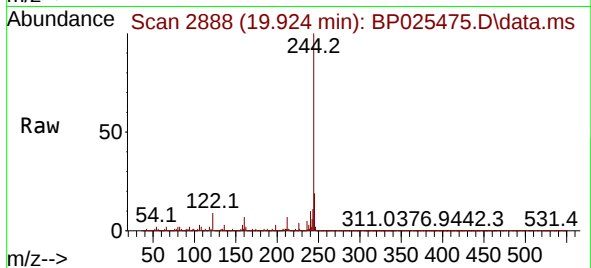
Tgt Ion:244 Resp: 4688434

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.4 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: BP025475.D

Acq: 19 Aug 2025 14:10

Tgt Ion:264 Resp: 1207989

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 22.1 17.4 26.0

