

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
 Data File : BP025622.D
 Acq On : 29 Aug 2025 12:36
 Operator : CG/JU
 Sample : Q2971-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP2

Quant Time: Aug 29 13:03:34 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)

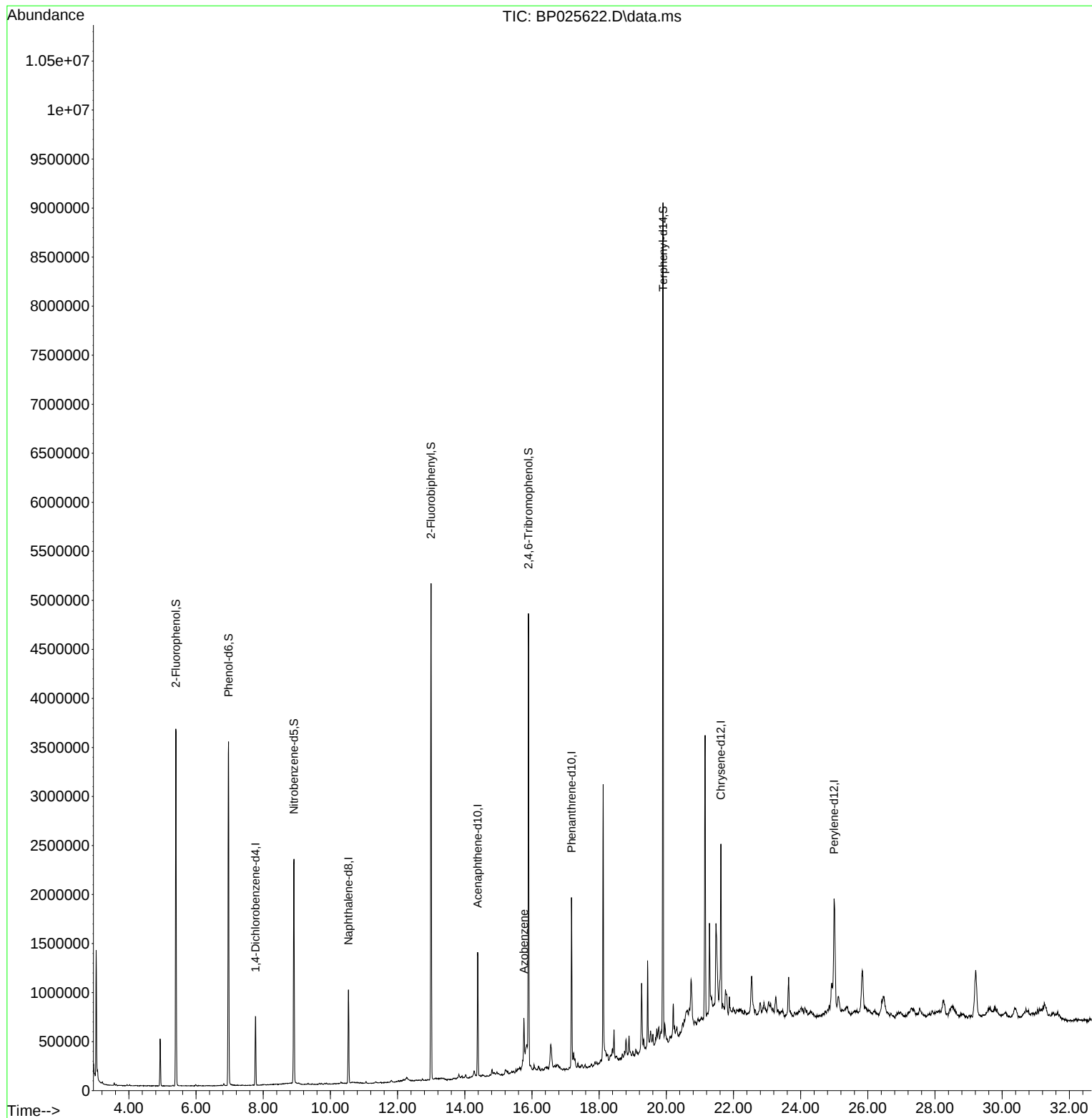
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	196497	20.000	ng	-0.02
21) Naphthalene-d8	10.537	136	768334	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	473080	20.000	ng	-0.02
64) Phenanthrene-d10	17.178	188	905367	20.000	ng	-0.02
76) Chrysene-d12	21.624	240	1003120	20.000	ng	-0.02
86) Perylene-d12	24.995	264	1218232	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1631609	137.896	ng	0.00
7) Phenol-d6	6.966	99	2062253	135.944	ng	0.00
23) Nitrobenzene-d5	8.913	82	1301356	85.679	ng	-0.02
42) 2,4,6-Tribromophenol	15.895	330	893866	140.375	ng	-0.02
45) 2-Fluorobiphenyl	12.995	172	2761801	79.786	ng	-0.02
79) Terphenyl-d14	19.901	244	4113930	75.033	ng	-0.02
Target Compounds						
63) Azobenzene	15.760	77	112769	3.741	ng	Qvalue # 1

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

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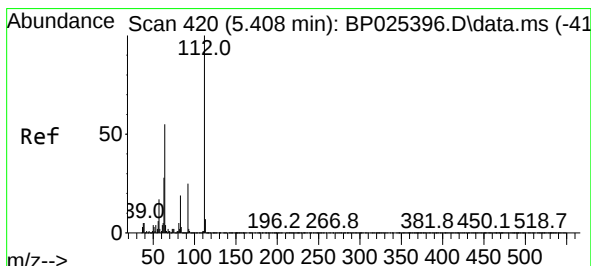
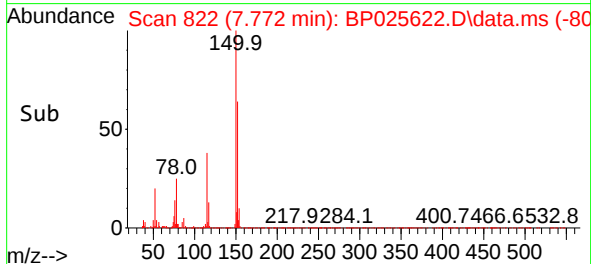
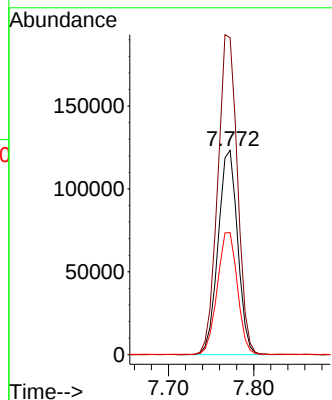
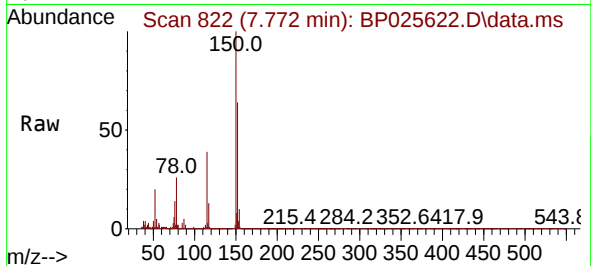




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.772 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP025622.D
 Acq: 29 Aug 2025 12:36

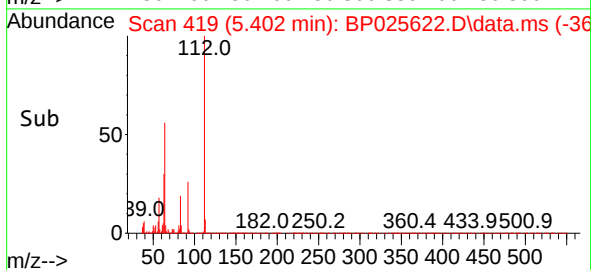
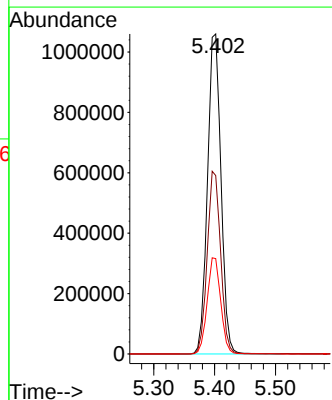
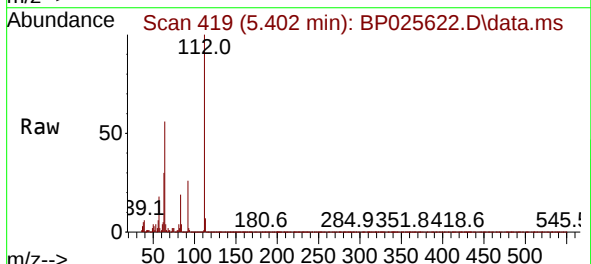
Instrument :
 BNA_P
 ClientSampleId :
 TP2

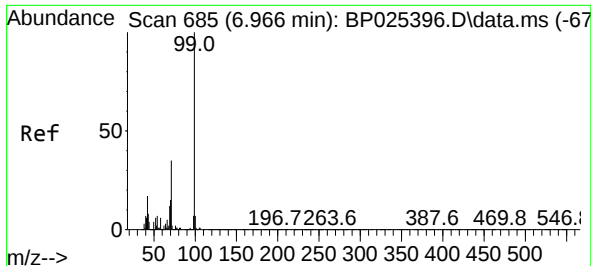
Tgt Ion:152 Resp: 196497
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.9 188.9
 115 59.7 48.5 72.7



#5
 2-Fluorophenol
 Concen: 137.896 ng
 RT: 5.402 min Scan# 419
 Delta R.T. -0.006 min
 Lab File: BP025622.D
 Acq: 29 Aug 2025 12:36

Tgt Ion:112 Resp: 1631609
 Ion Ratio Lower Upper
 112 100
 64 55.8 43.8 65.8
 63 29.8 22.7 34.1



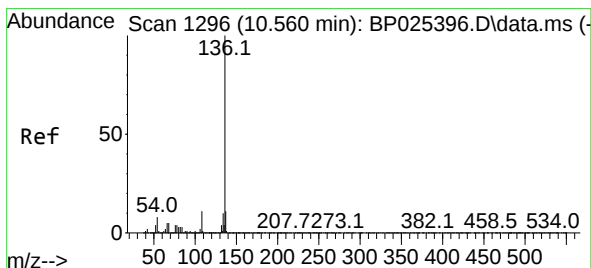
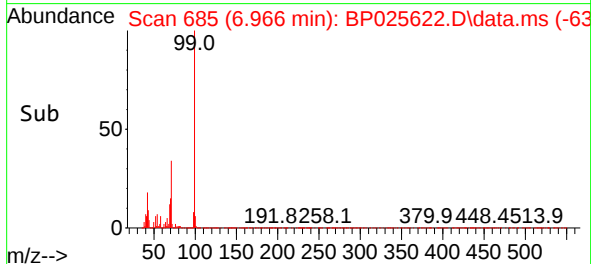
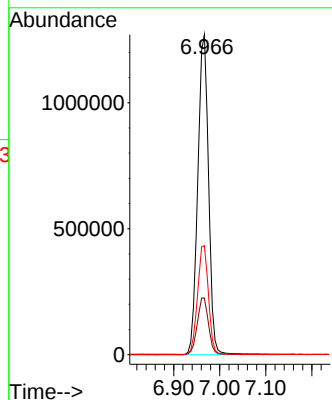
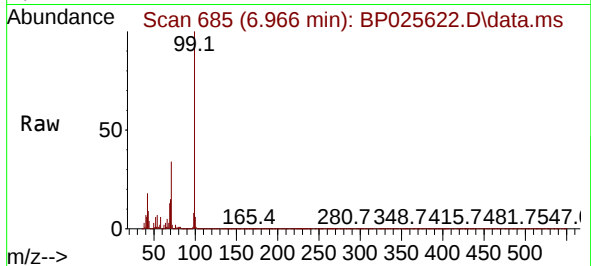


#7
Phenol-d6
Concen: 135.944 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025622.D
Acq: 29 Aug 2025 12:36

Instrument :
BNA_P
ClientSampleId :
TP2

Tgt Ion: 99 Resp: 2062253

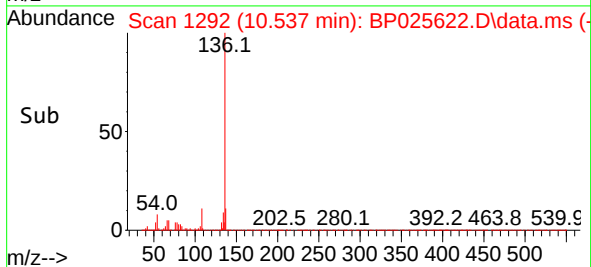
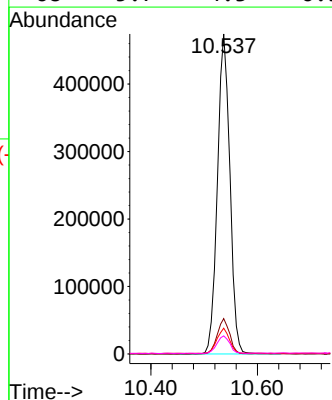
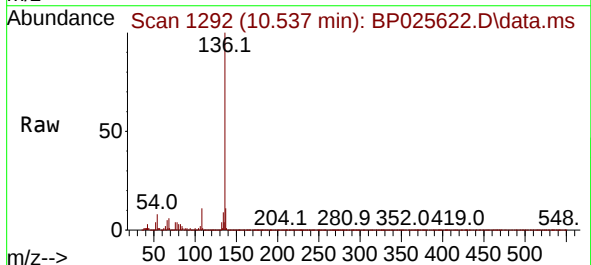
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.7	20.5
71	34.0	28.2	42.4

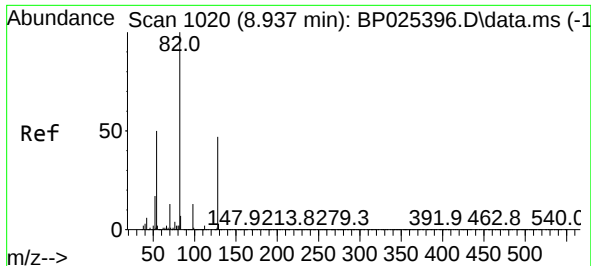


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1292
Delta R.T. -0.023 min
Lab File: BP025622.D
Acq: 29 Aug 2025 12:36

Tgt Ion:136 Resp: 768334

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.0	6.0	9.0
68	5.7	4.3	6.5

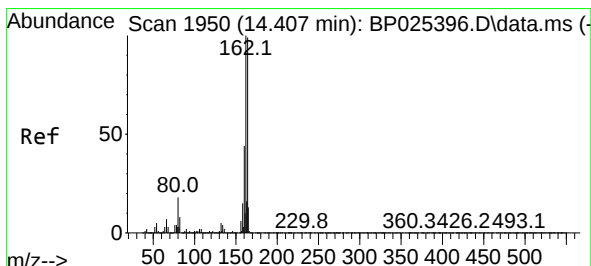
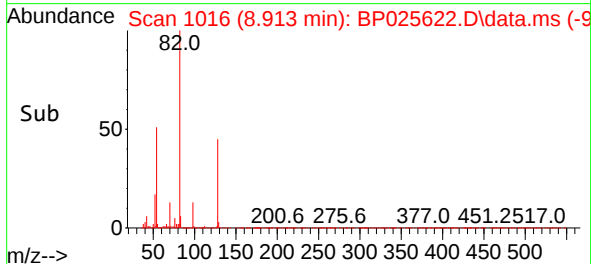
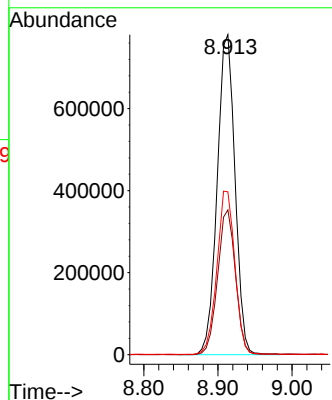
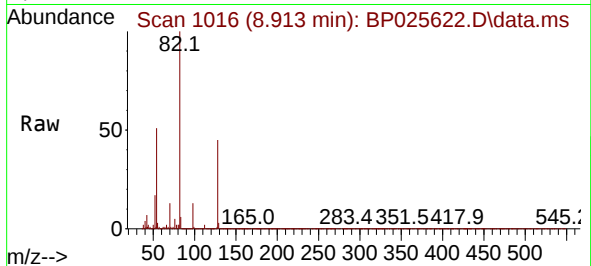




#23
Nitrobenzene-d5
Concen: 85.679 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025622.D
Acq: 29 Aug 2025 12:36

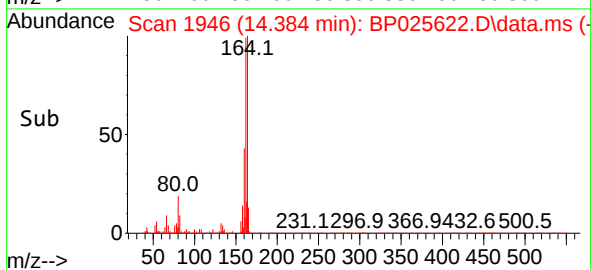
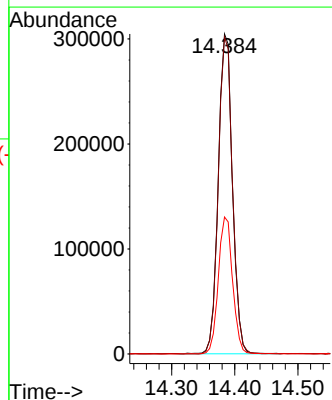
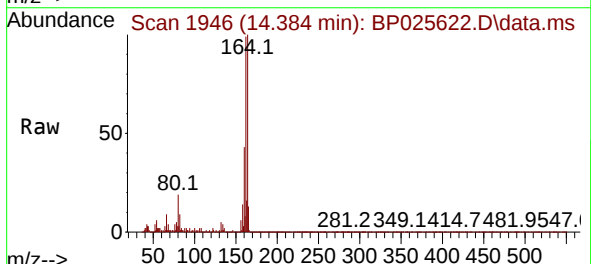
Instrument :
BNA_P
ClientSampleId :
TP2

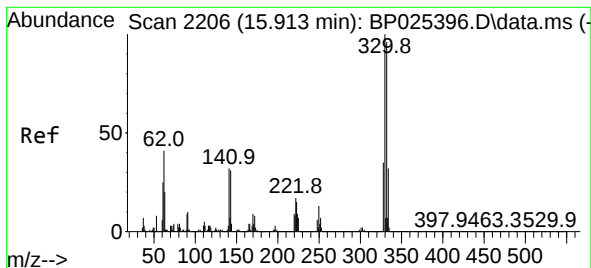
Tgt Ion: 82 Resp: 1301356
Ion Ratio Lower Upper
82 100
128 45.3 37.7 56.5
54 50.9 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP025622.D
Acq: 29 Aug 2025 12:36

Tgt Ion:164 Resp: 473080
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.6
160 42.8 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 140.375 ng

RT: 15.895 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025622.D

Acq: 29 Aug 2025 12:36

Instrument :

BNA_P

ClientSampleId :

TP2

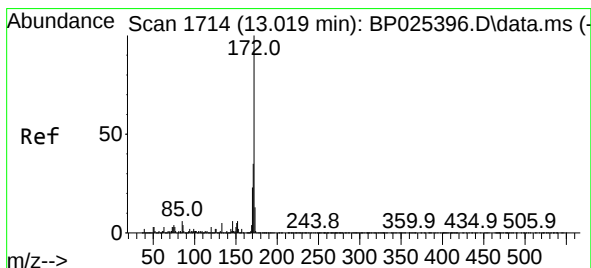
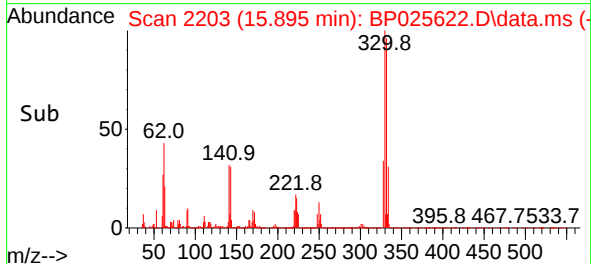
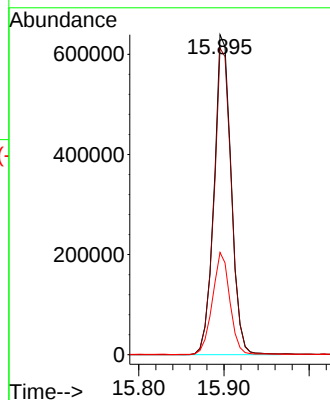
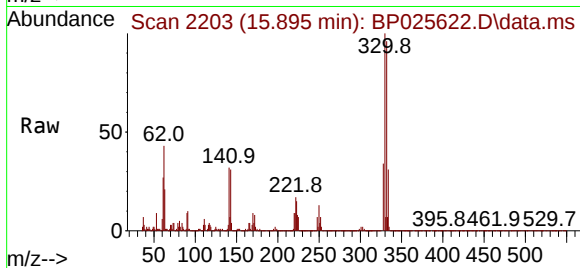
Tgt Ion:330 Resp: 893866

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 32.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 79.786 ng

RT: 12.995 min Scan# 1710

Delta R.T. -0.023 min

Lab File: BP025622.D

Acq: 29 Aug 2025 12:36

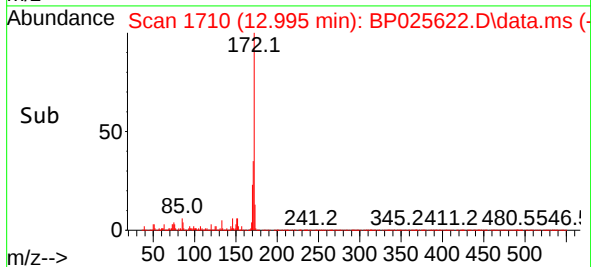
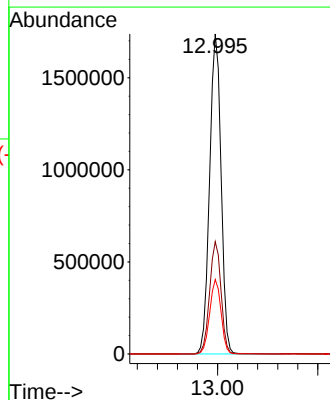
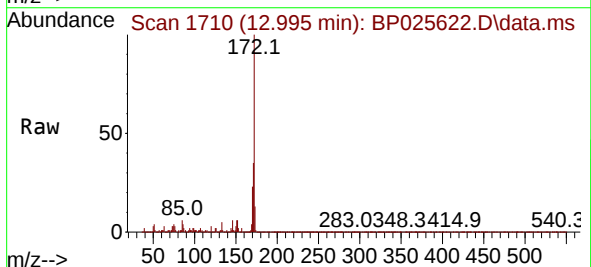
Tgt Ion:172 Resp: 2761801

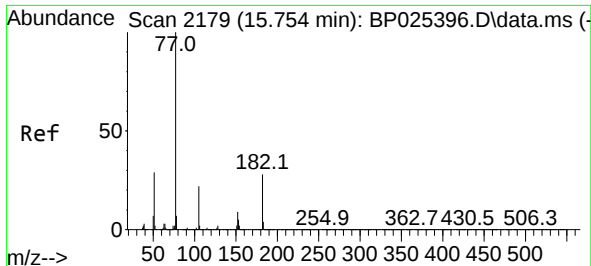
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.3 18.6 28.0

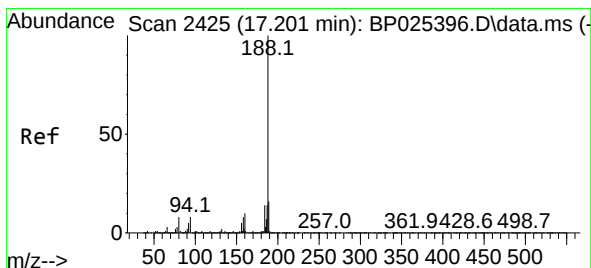
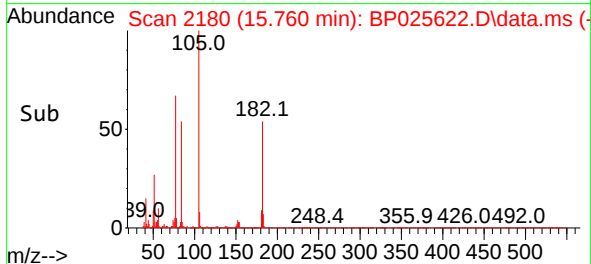
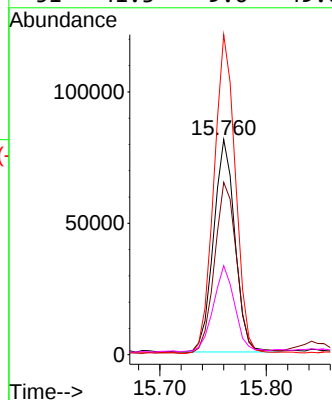
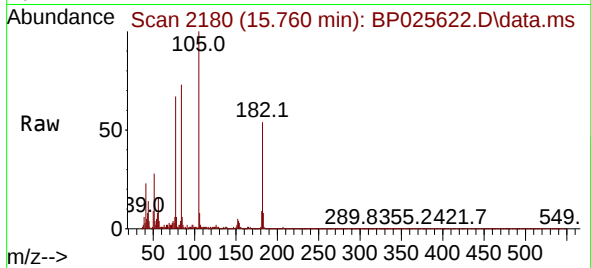




#63
Azobenzene
Concen: 3.741 ng
RT: 15.760 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BP025622.D
Acq: 29 Aug 2025 12:36

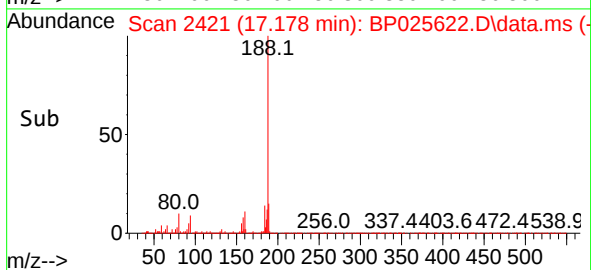
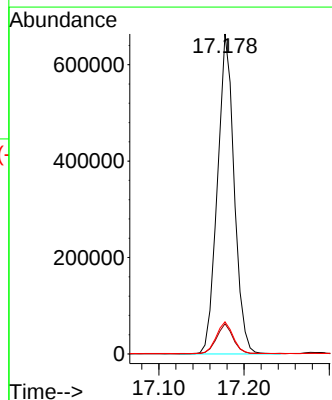
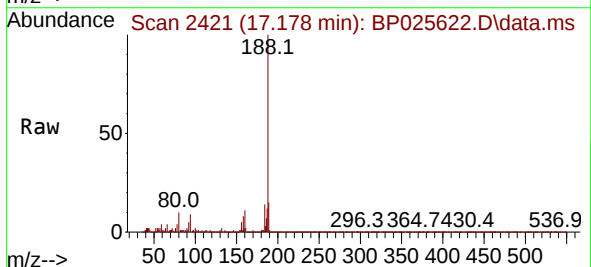
Instrument :
BNA_P
ClientSampleId :
TP2

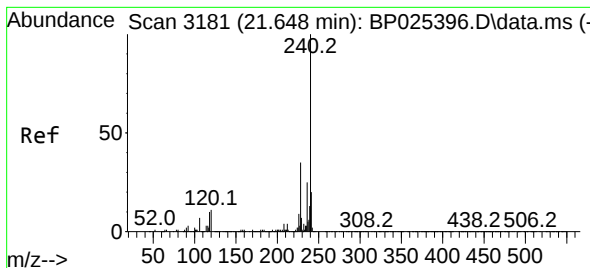
Tgt Ion: 77 Resp: 112769
Ion Ratio Lower Upper
77 100
182 80.0 7.5 47.5#
105 148.7 2.1 42.1#
51 41.3 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.023 min
Lab File: BP025622.D
Acq: 29 Aug 2025 12:36

Tgt Ion: 188 Resp: 905367
Ion Ratio Lower Upper
188 100
94 9.4 6.6 10.0
80 10.1 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP025622.D

Acq: 29 Aug 2025 12:36

Instrument :

BNA_P

ClientSampleId :

TP2

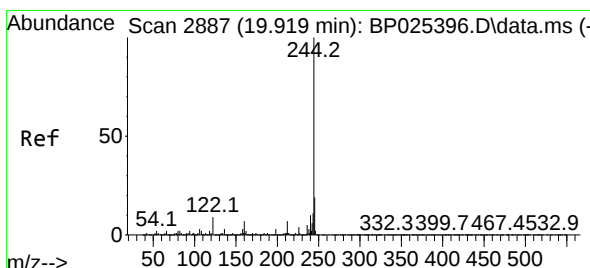
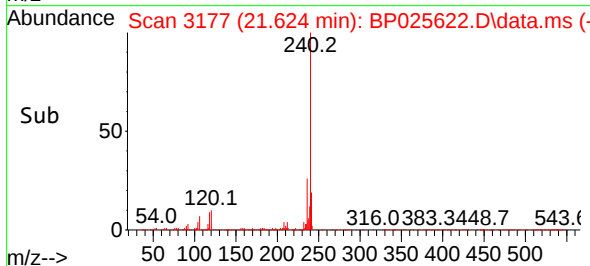
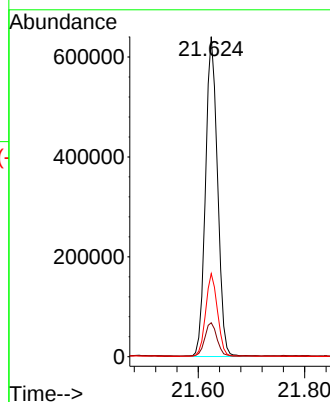
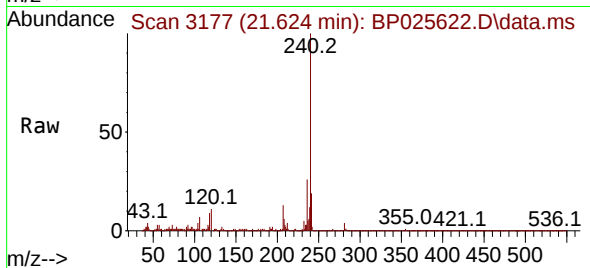
Tgt Ion:240 Resp: 1003120

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 26.0 19.8 29.8



#79

Terphenyl-d14

Concen: 75.033 ng

RT: 19.901 min Scan# 2884

Delta R.T. -0.018 min

Lab File: BP025622.D

Acq: 29 Aug 2025 12:36

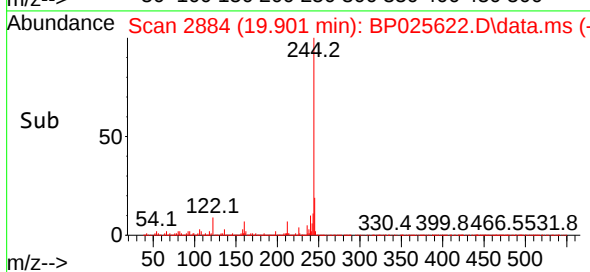
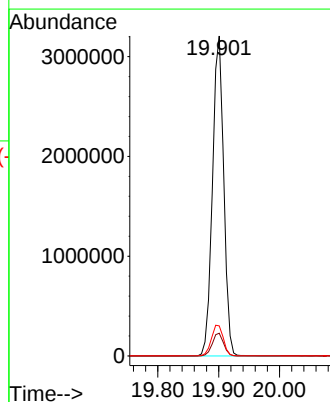
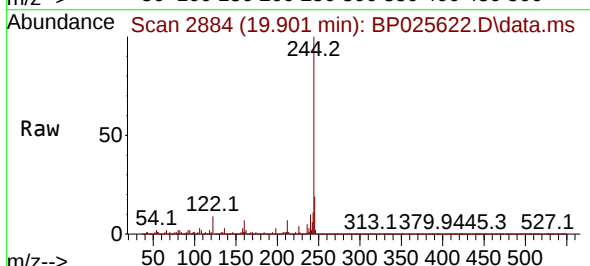
Tgt Ion:244 Resp: 4113930

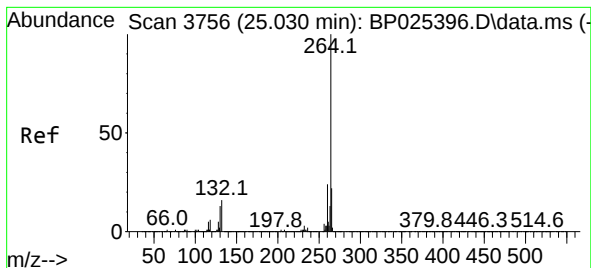
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.4 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 31

Delta R.T. -0.035 min

Lab File: BP025622.D

Acq: 29 Aug 2025 12:36

Instrument :

BNA_P

ClientSampleId :

TP2

Tgt Ion:264 Resp: 1218232

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.8 17.4 26.0

