

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025525.D
 Acq On : 21 Aug 2025 03:18
 Operator : CG/JU
 Sample : Q2815-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-88H-S

Quant Time: Aug 21 05:11:25 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)

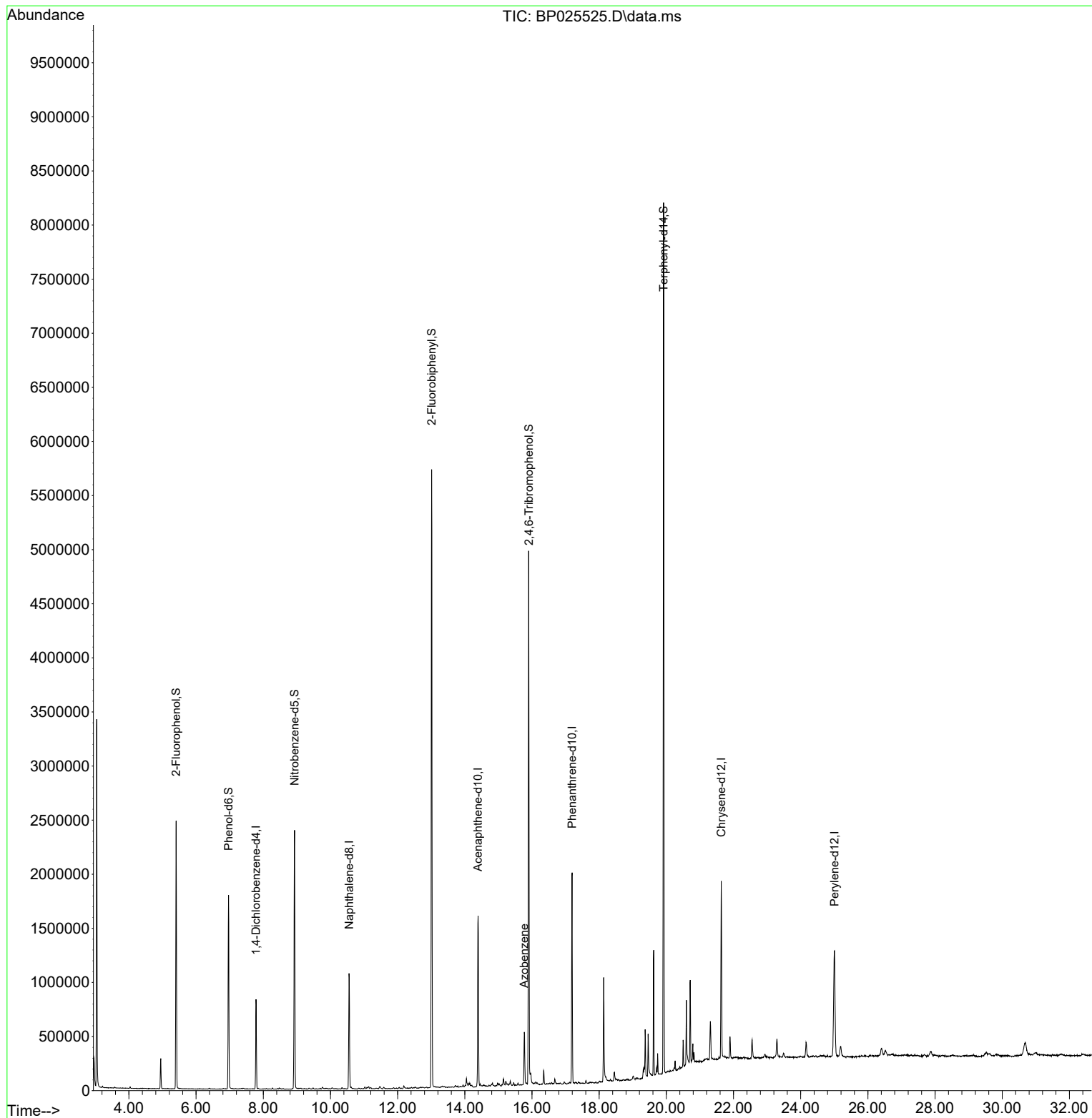
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	223815	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	911198	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	611112	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	1126779	20.000	ng	0.00
76) Chrysene-d12	21.636	240	954753	20.000	ng	-0.01
86) Perylene-d12	25.006	264	1099019	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	1043652	77.439	ng	0.00
7) Phenol-d6	6.966	99	987626	57.158	ng	0.00
23) Nitrobenzene-d5	8.931	82	1400365	77.742	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	985098	119.760	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	3032844	67.826	ng	0.00
79) Terphenyl-d14	19.918	244	4072129	78.033	ng	0.00
Target Compounds						
63) Azobenzene	15.771	77	134769	3.461	ng	Qvalue # 1

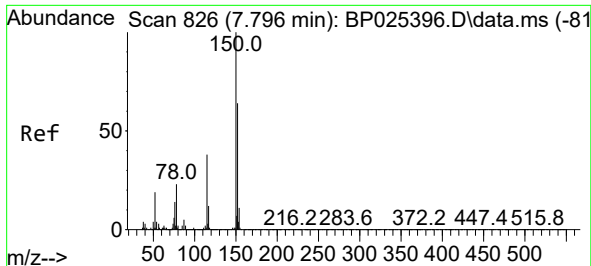
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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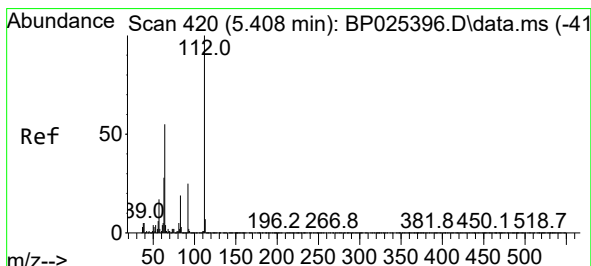
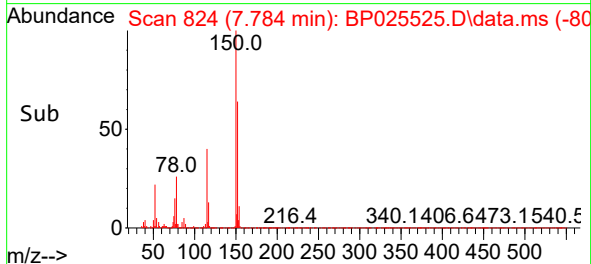
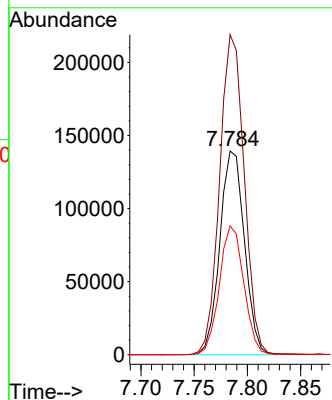
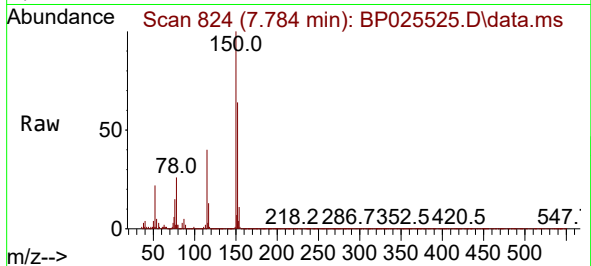




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025525.D
Acq: 21 Aug 2025 03:18

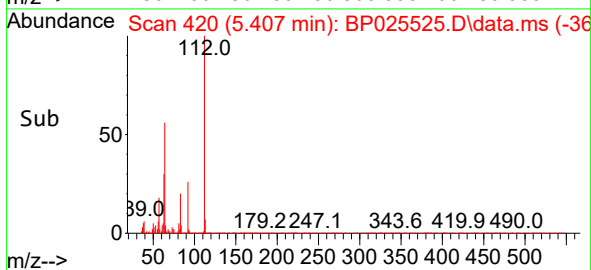
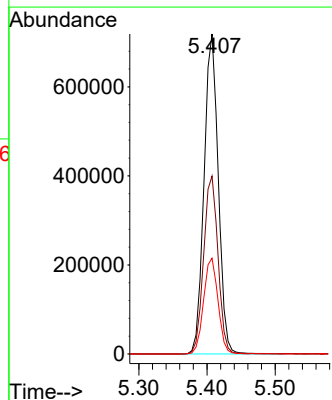
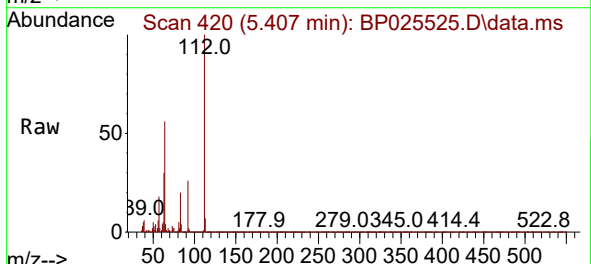
Instrument :
BNA_P
ClientSampleId :
TW-88H-S

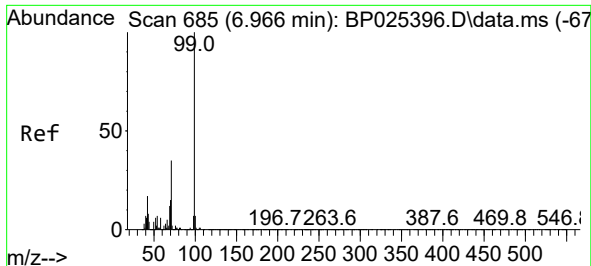
Tgt Ion:152 Resp: 223815
Ion Ratio Lower Upper
152 100
150 157.1 125.9 188.9
115 63.2 48.5 72.7



#5
2-Fluorophenol
Concen: 77.439 ng
RT: 5.407 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025525.D
Acq: 21 Aug 2025 03:18

Tgt Ion:112 Resp: 1043652
Ion Ratio Lower Upper
112 100
64 55.6 43.8 65.8
63 29.9 22.7 34.1

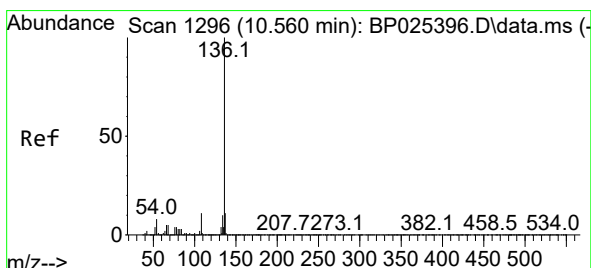
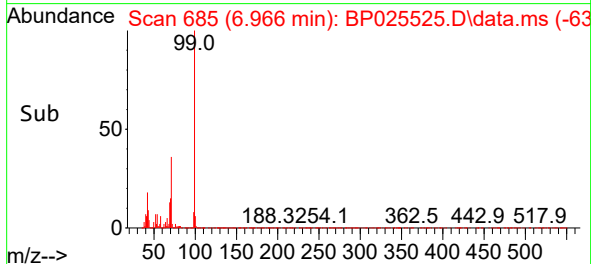
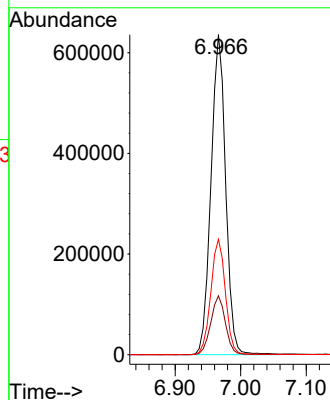
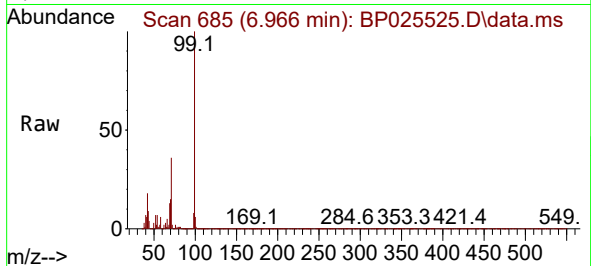




#7
Phenol-d6
Concen: 57.158 ng
RT: 6.966 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025525.D
Acq: 21 Aug 2025 03:18

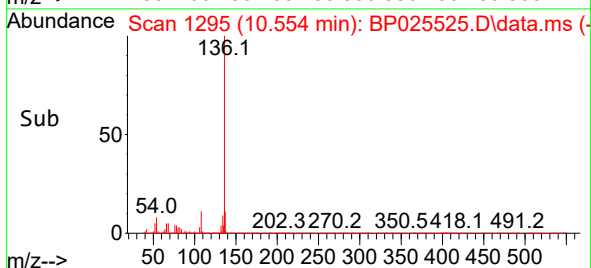
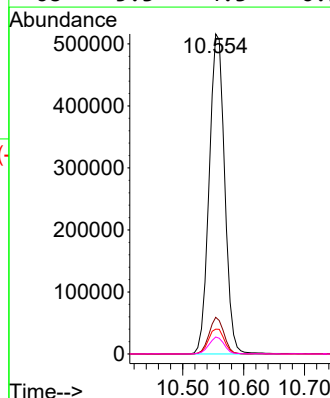
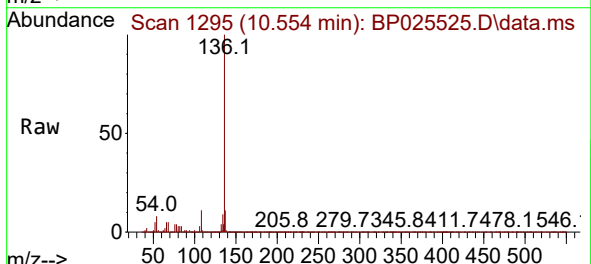
Instrument :
BNA_P
ClientSampleId :
TW-88H-S

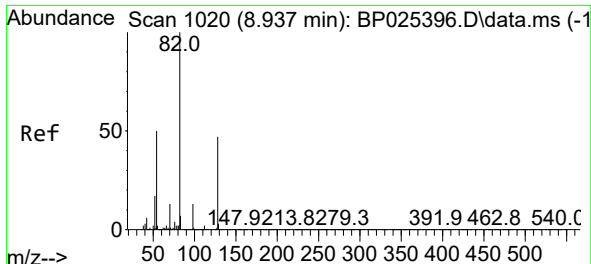
Tgt Ion: 99 Resp: 987626
Ion Ratio Lower Upper
99 100
42 18.4 13.7 20.5
71 36.1 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025525.D
Acq: 21 Aug 2025 03:18

Tgt Ion: 136 Resp: 911198
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 7.8 6.0 9.0
68 5.3 4.3 6.5

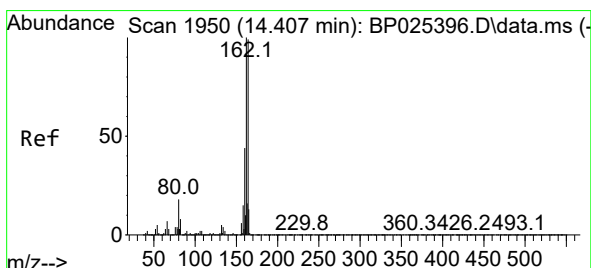
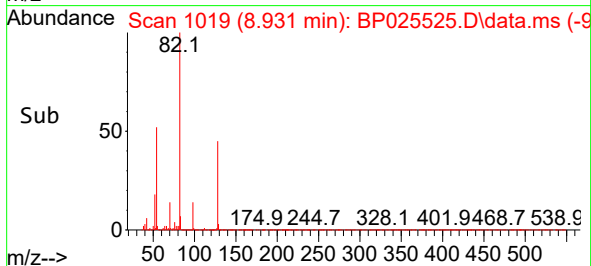
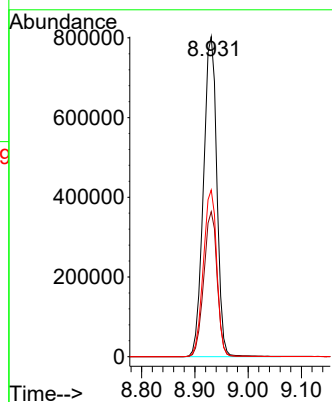
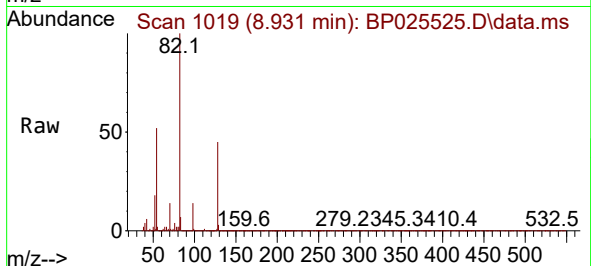




#23
Nitrobenzene-d5
Concen: 77.742 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025525.D
Acq: 21 Aug 2025 03:18

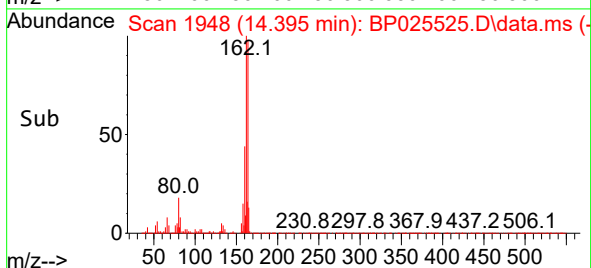
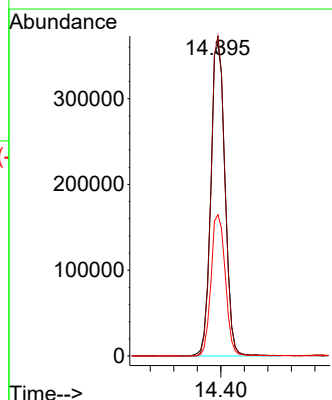
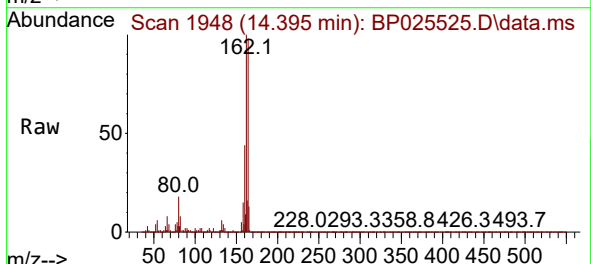
Instrument :
BNA_P
ClientSampleId :
TW-88H-S

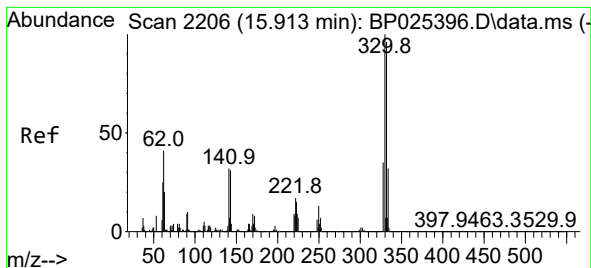
Tgt Ion: 82 Resp: 1400365
Ion Ratio Lower Upper
82 100
128 45.3 37.7 56.5
54 52.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025525.D
Acq: 21 Aug 2025 03:18

Tgt Ion:164 Resp: 611112
Ion Ratio Lower Upper
164 100
162 102.5 81.0 121.6
160 45.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 119.760 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025525.D

Acq: 21 Aug 2025 03:18

Instrument :

BNA_P

ClientSampleId :

TW-88H-S

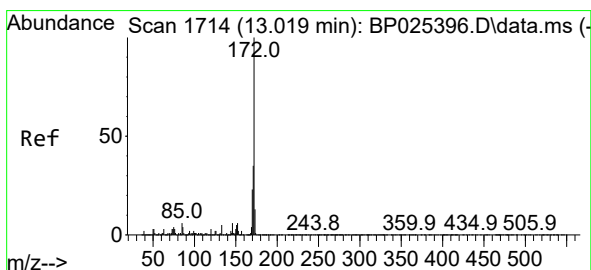
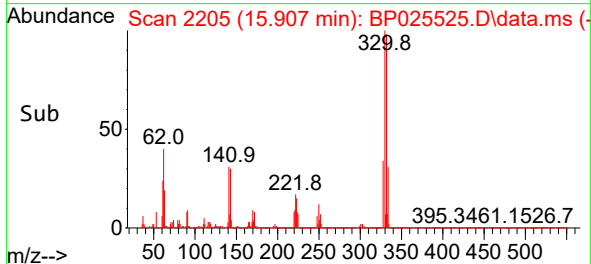
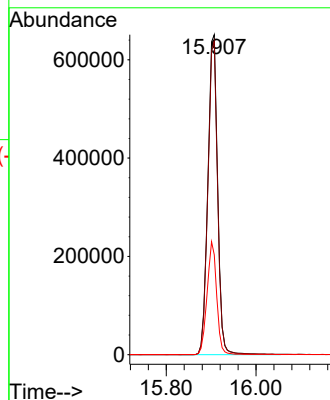
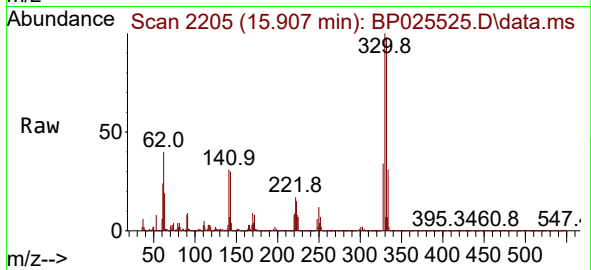
Tgt Ion:330 Resp: 985098

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 34.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 67.826 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025525.D

Acq: 21 Aug 2025 03:18

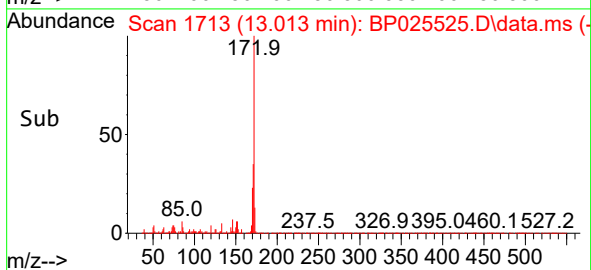
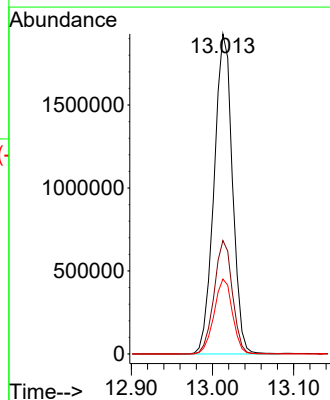
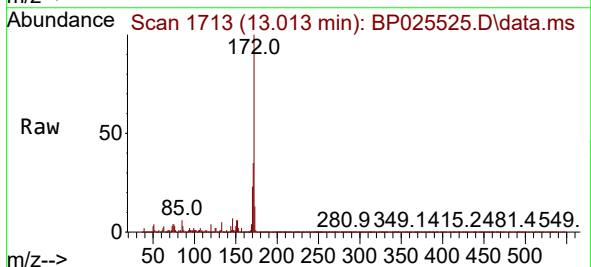
Tgt Ion:172 Resp: 3032844

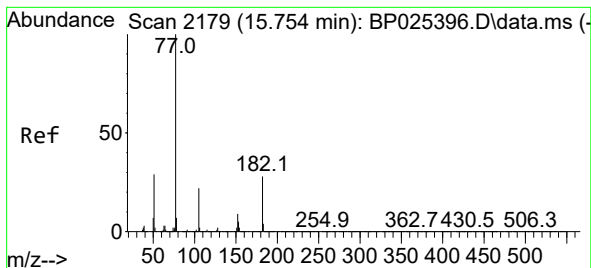
Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.4 18.6 28.0





#63

Azobenzene

Concen: 3.461 ng

RT: 15.771 min Scan# 21

Delta R.T. 0.017 min

Lab File: BP025525.D

Acq: 21 Aug 2025 03:18

Instrument :

BNA_P

ClientSampleId :

TW-88H-S

Tgt Ion: 77 Resp: 134769

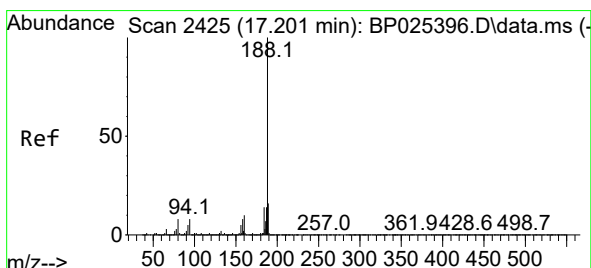
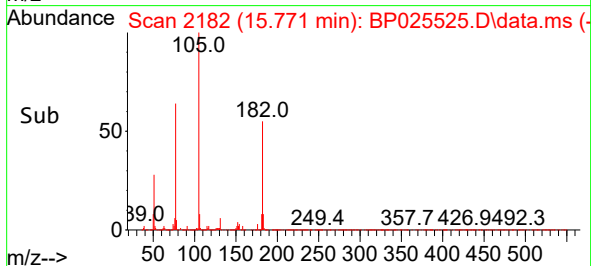
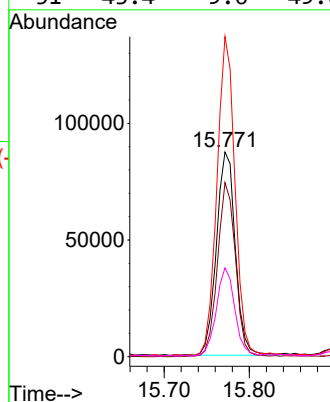
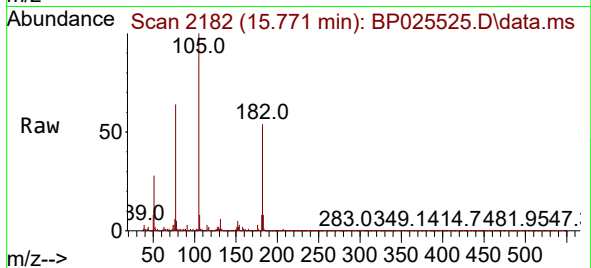
Ion Ratio Lower Upper

77 100

182 85.1 7.5 47.5#

105 156.4 2.1 42.1#

51 43.4 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP025525.D

Acq: 21 Aug 2025 03:18

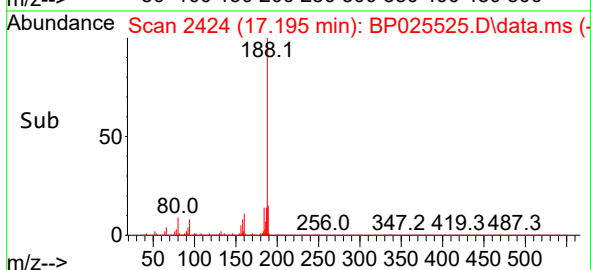
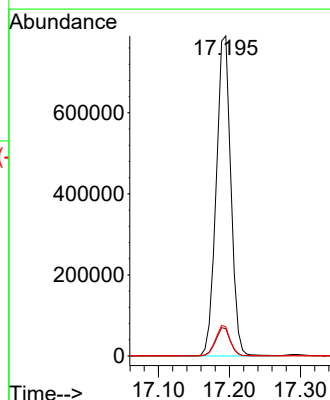
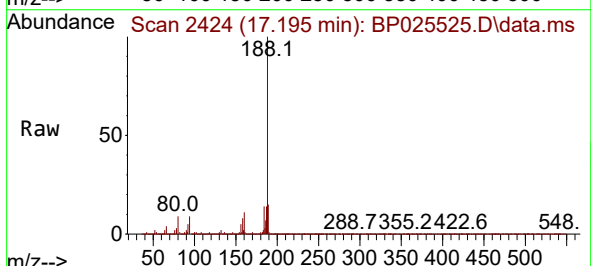
Tgt Ion:188 Resp: 1126779

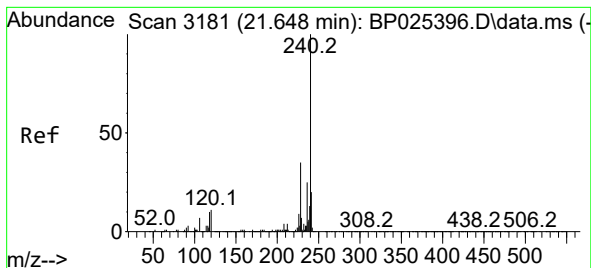
Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.1 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3181

Delta R.T. -0.012 min

Lab File: BP025525.D

Acq: 21 Aug 2025 03:18

Instrument :

BNA_P

ClientSampleId :

TW-88H-S

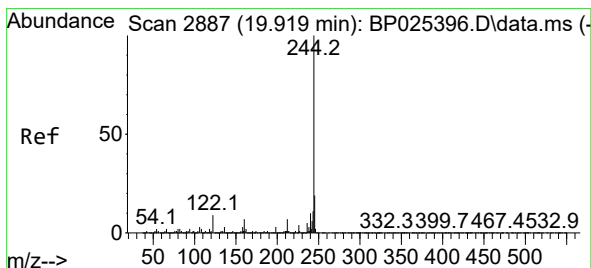
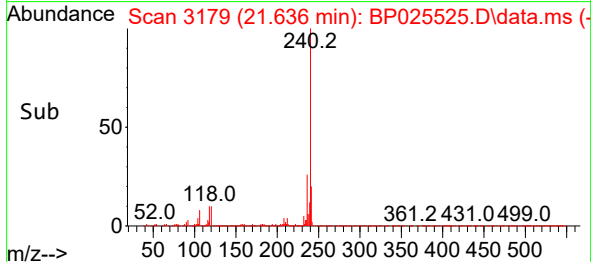
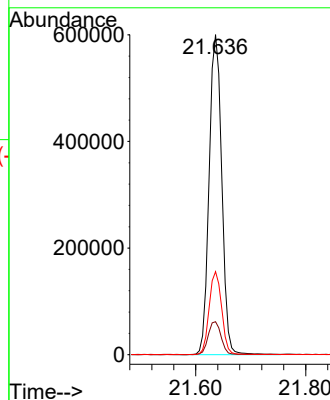
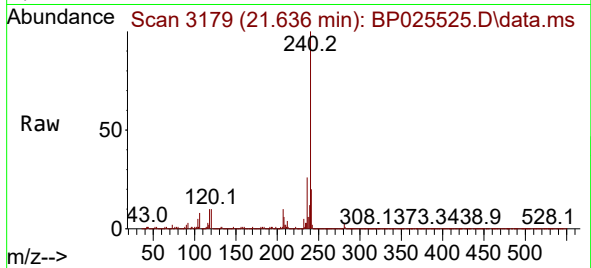
Tgt Ion:240 Resp: 954753

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 26.0 19.8 29.8



#79

Terphenyl-d14

Concen: 78.033 ng

RT: 19.918 min Scan# 2887

Delta R.T. -0.000 min

Lab File: BP025525.D

Acq: 21 Aug 2025 03:18

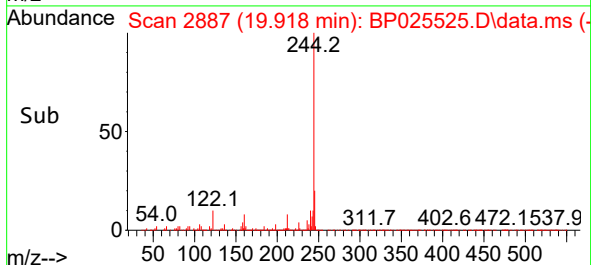
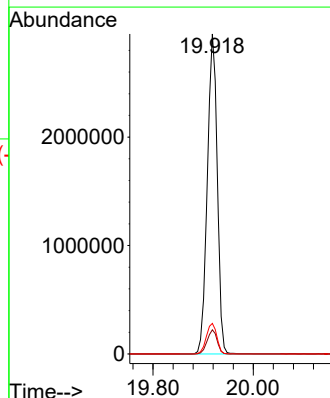
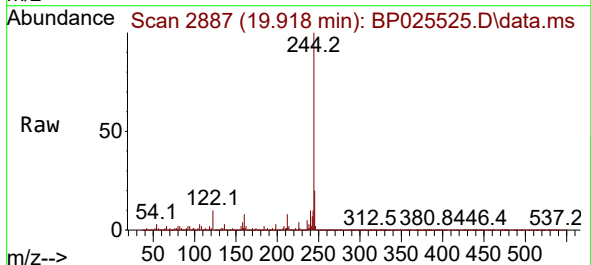
Tgt Ion:244 Resp: 4072129

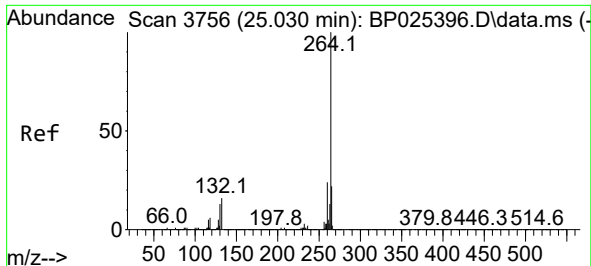
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 9.6 7.4 11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025525.D
Acq: 21 Aug 2025 03:18

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Tgt Ion:264 Resp: 1099019
Ion Ratio Lower Upper
264 100
260 23.0 19.3 28.9
265 22.1 17.4 26.0

