

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
 Data File : BP025611.D
 Acq On : 28 Aug 2025 14:28
 Operator : CG/JU
 Sample : PB169431BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169431BL

Quant Time: Aug 28 15:14:05 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	167778	20.000	ng	-0.02
21) Naphthalene-d8	10.542	136	639798	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	405270	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	881264	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	1085196	20.000	ng	0.00
86) Perylene-d12	25.012	264	1203153	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1298502	128.528	ng	0.00
7) Phenol-d6	6.960	99	1578402	121.859	ng	0.00
23) Nitrobenzene-d5	8.913	82	1001447	79.179	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	748081	137.138	ng	0.00
45) 2-Fluorobiphenyl	12.995	172	2255664	76.067	ng	-0.02
79) Terphenyl-d14	19.907	244	4380054	73.845	ng	-0.01

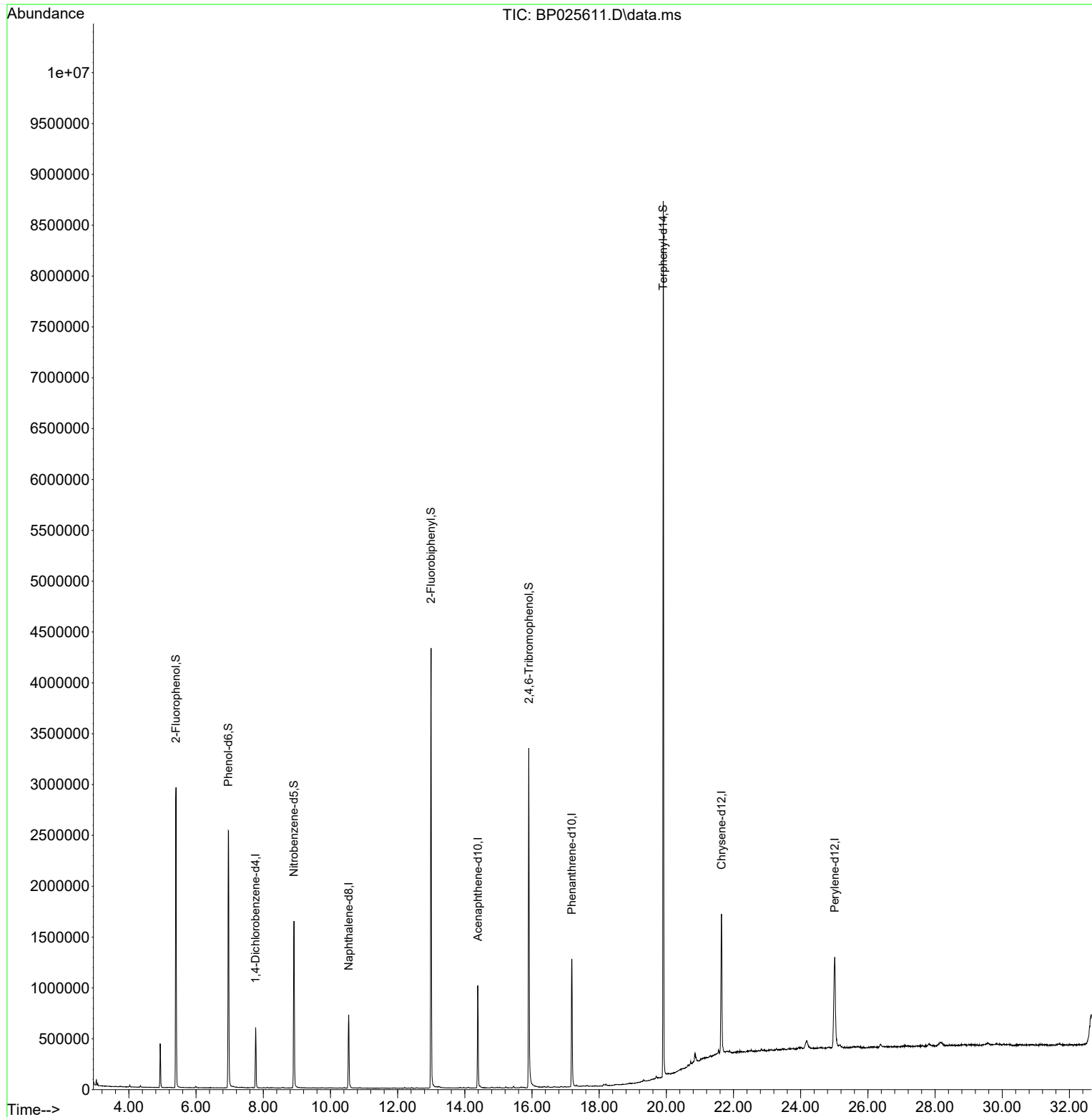
Target Compounds	Qvalue

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

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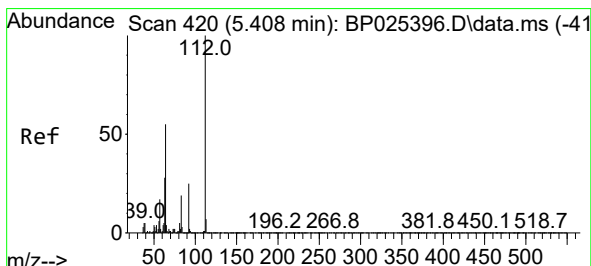
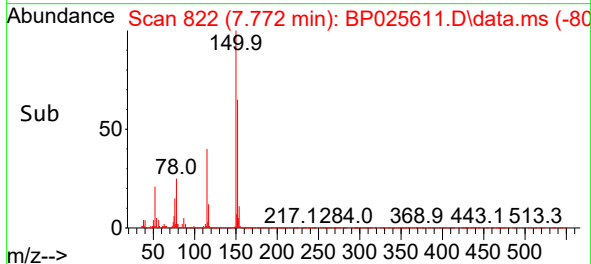
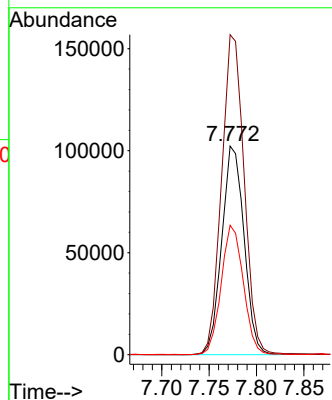
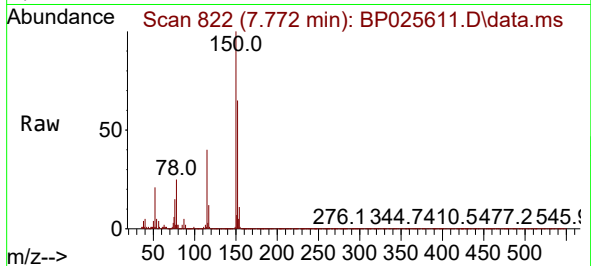




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025611.D
Acq: 28 Aug 2025 14:28

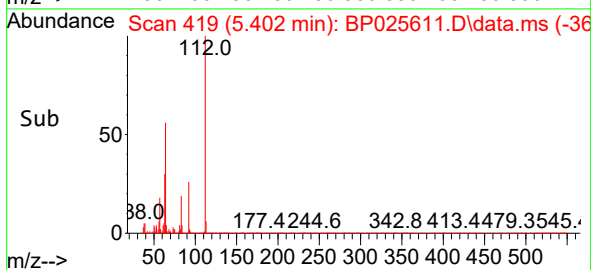
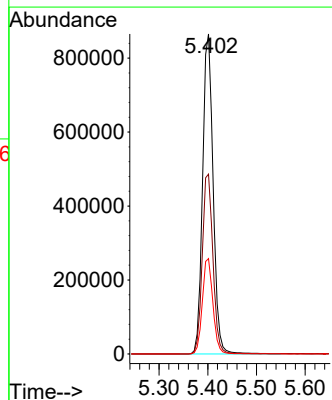
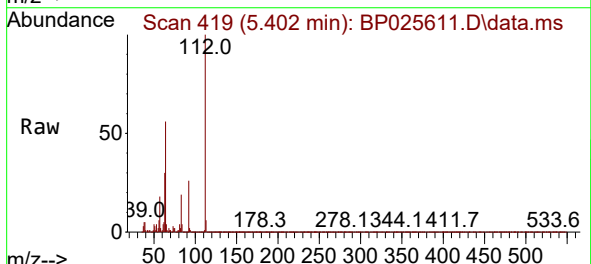
Instrument :
BNA_P
ClientSampleId :
PB169431BL

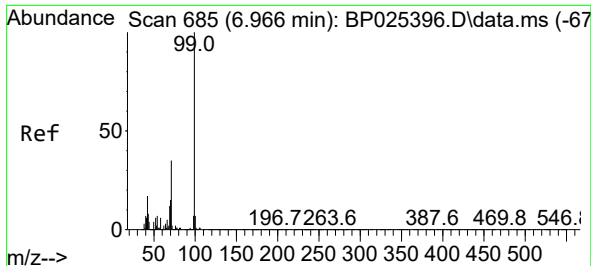
Tgt Ion:152 Resp: 167778
Ion Ratio Lower Upper
152 100
150 153.3 125.9 188.9
115 62.1 48.5 72.7



#5
2-Fluorophenol
Concen: 128.528 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025611.D
Acq: 28 Aug 2025 14:28

Tgt Ion:112 Resp: 1298502
Ion Ratio Lower Upper
112 100
64 56.2 43.8 65.8
63 29.8 22.7 34.1



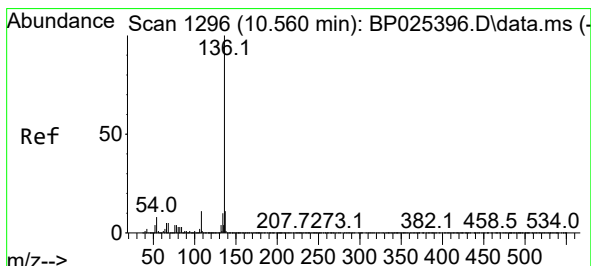
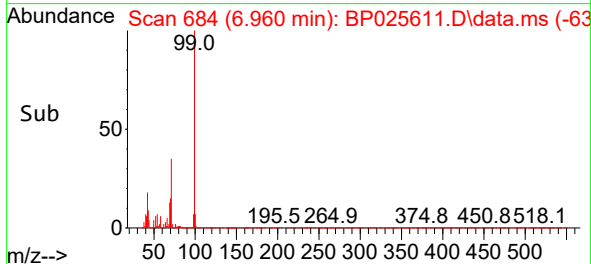
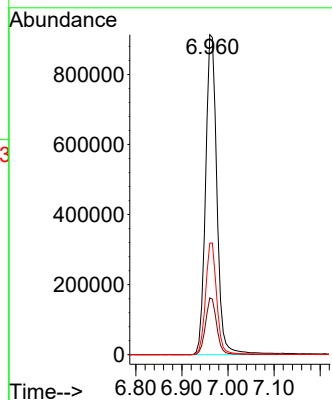
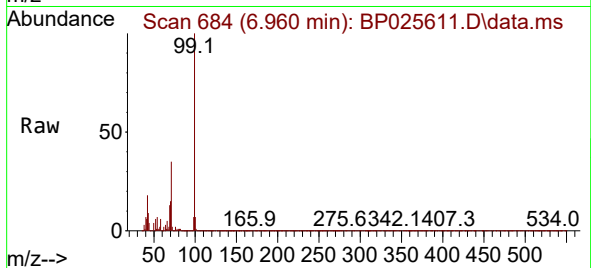


#7
Phenol-d6
Concen: 121.859 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025611.D
Acq: 28 Aug 2025 14:28

Instrument :
BNA_P
ClientSampleId :
PB169431BL

Tgt Ion: 99 Resp: 1578402

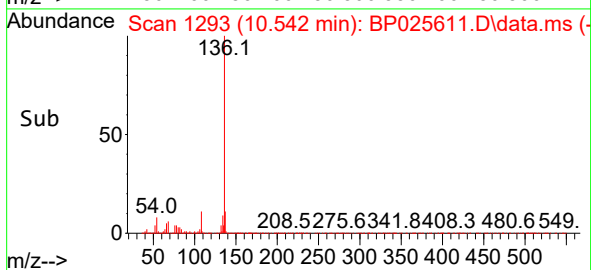
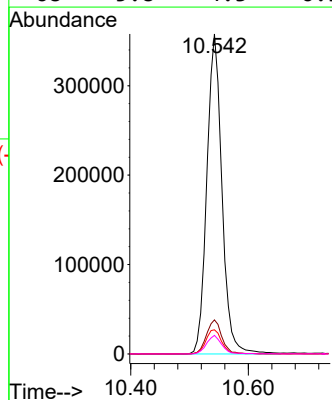
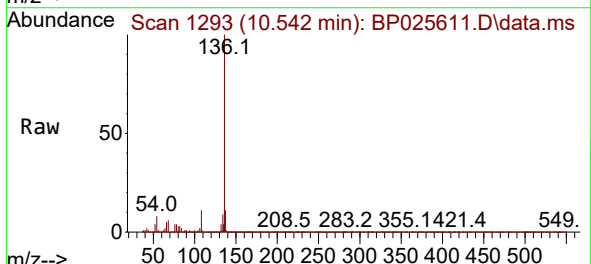
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.7	20.5
71	34.8	28.2	42.4

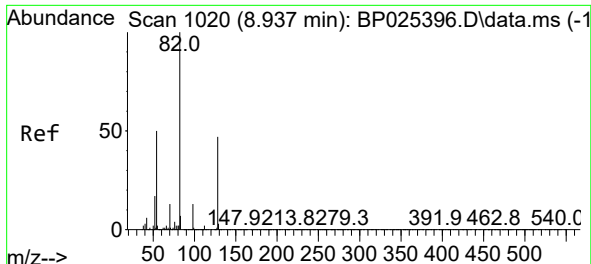


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.542 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025611.D
Acq: 28 Aug 2025 14:28

Tgt Ion: 136 Resp: 639798

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.6	6.0	9.0
68	5.8	4.3	6.5

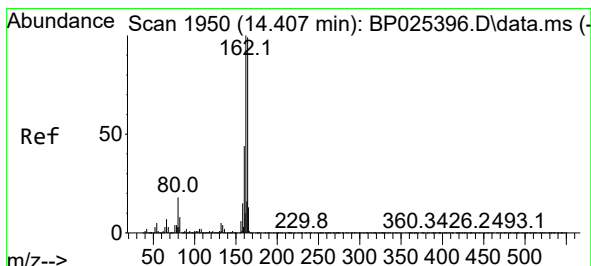
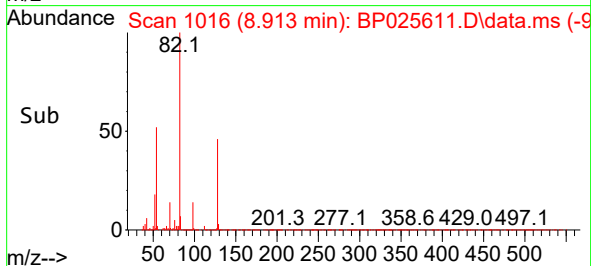
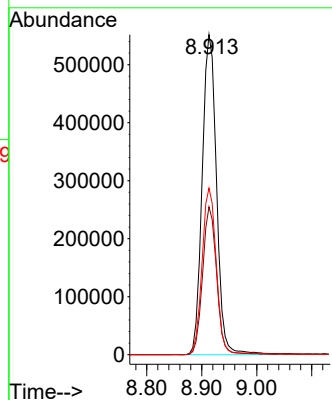
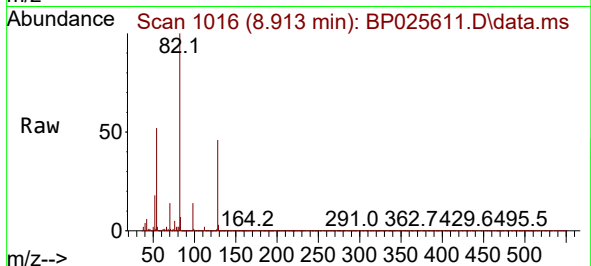




#23
Nitrobenzene-d5
Concen: 79.179 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025611.D
Acq: 28 Aug 2025 14:28

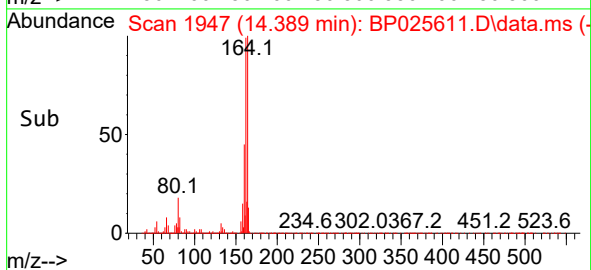
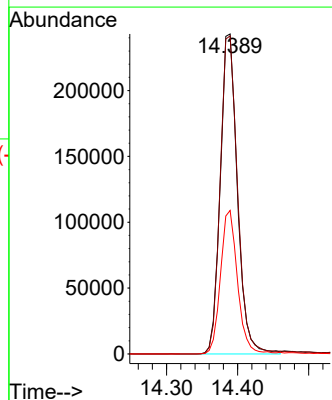
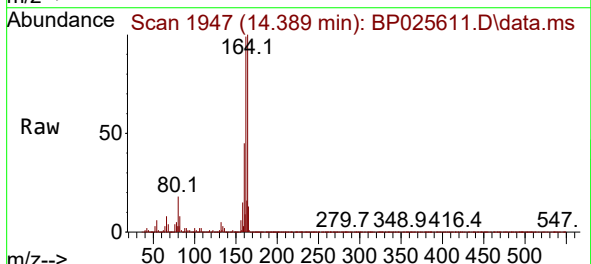
Instrument :
BNA_P
ClientSampleId :
PB169431BL

Tgt Ion: 82 Resp: 1001447
Ion Ratio Lower Upper
82 100
128 46.2 37.7 56.5
54 52.0 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025611.D
Acq: 28 Aug 2025 14:28

Tgt Ion: 164 Resp: 405270
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.6
160 44.8 35.4 53.2

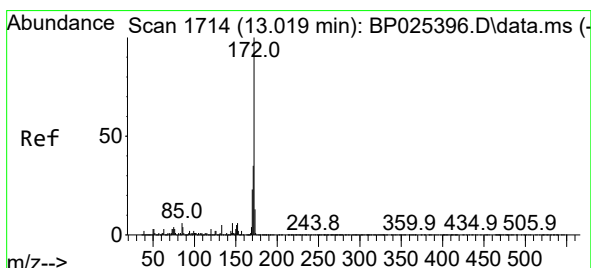
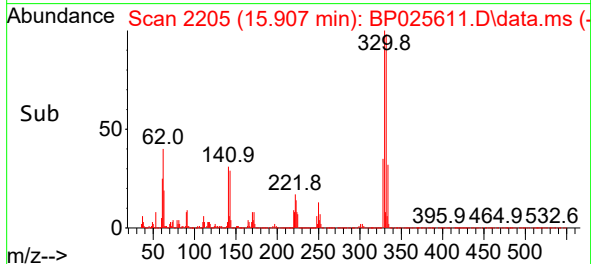
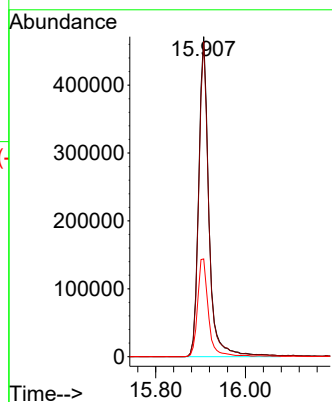
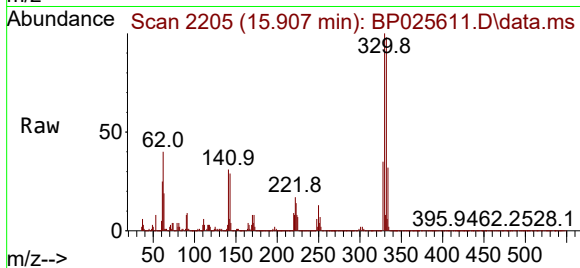




#42
2,4,6-Tribromophenol
Concen: 137.138 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025611.D
Acq: 28 Aug 2025 14:28

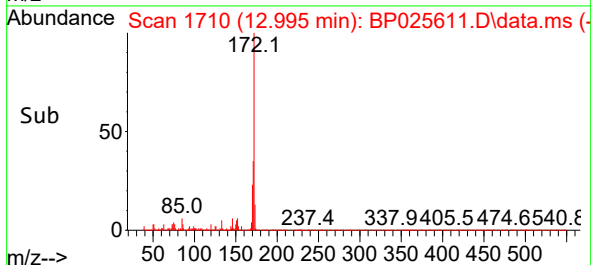
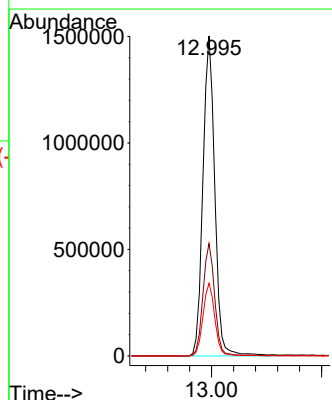
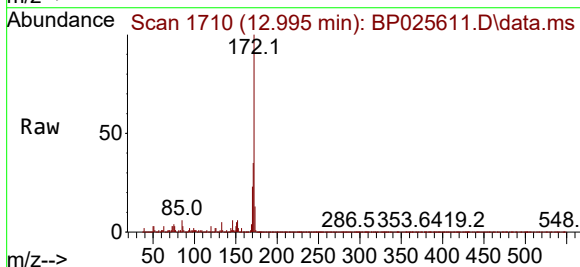
Instrument :
BNA_P
ClientSampleId :
PB169431BL

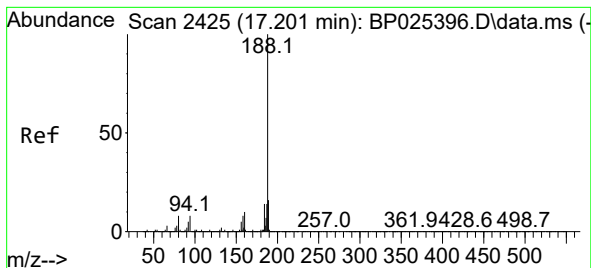
Tgt Ion:330 Resp: 748081
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 32.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 76.067 ng
RT: 12.995 min Scan# 1710
Delta R.T. -0.024 min
Lab File: BP025611.D
Acq: 28 Aug 2025 14:28

Tgt Ion:172 Resp: 2255664
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 22.7 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: BP025611.D

Acq: 28 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

PB169431BL

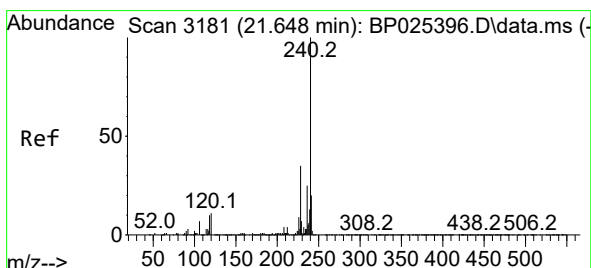
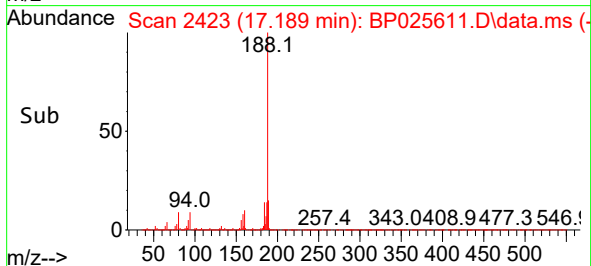
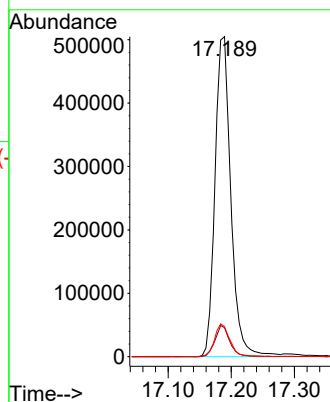
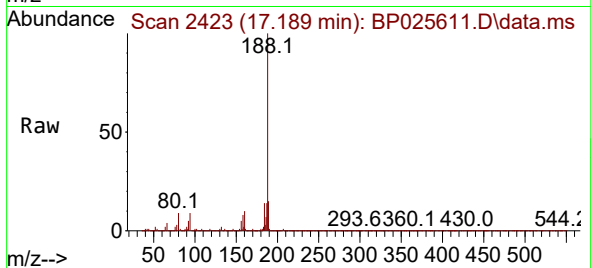
Tgt Ion:188 Resp: 881264

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.4 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: BP025611.D

Acq: 28 Aug 2025 14:28

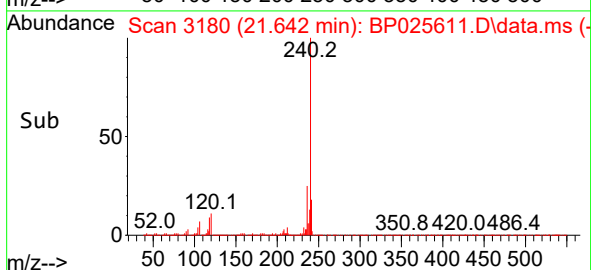
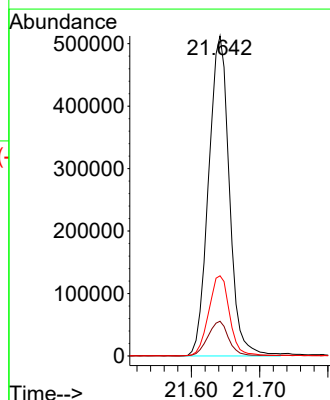
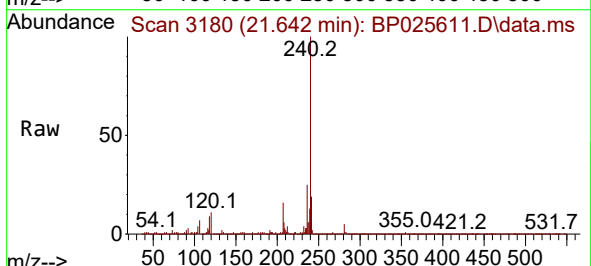
Tgt Ion:240 Resp: 1085196

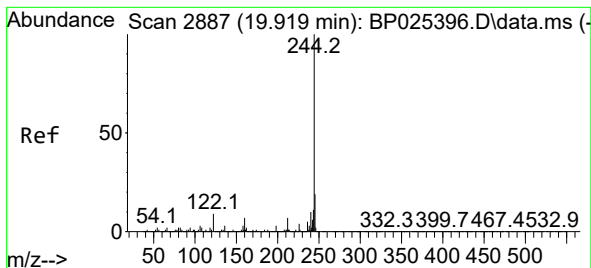
Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

236 25.1 19.8 29.8





#79

Terphenyl-d14

Concen: 73.845 ng

RT: 19.907 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025611.D

Acq: 28 Aug 2025 14:28

Instrument :

BNA_P

ClientSampleId :

PB169431BL

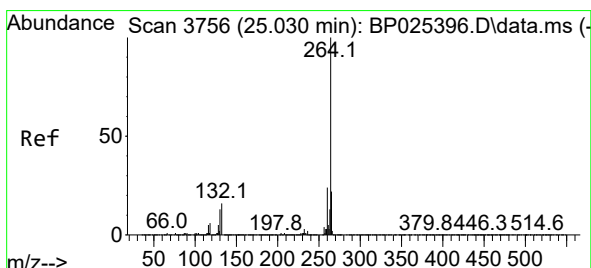
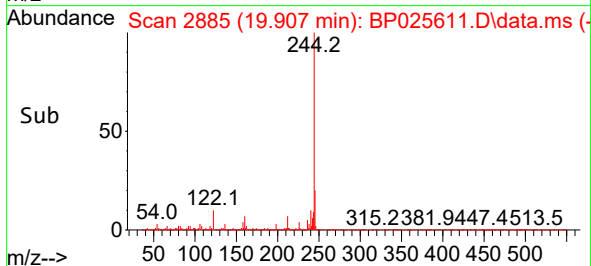
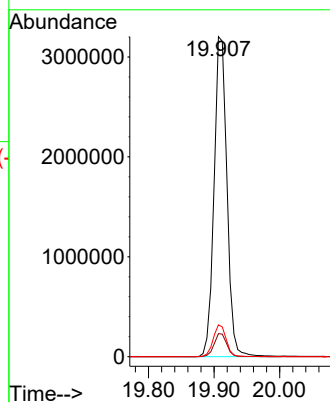
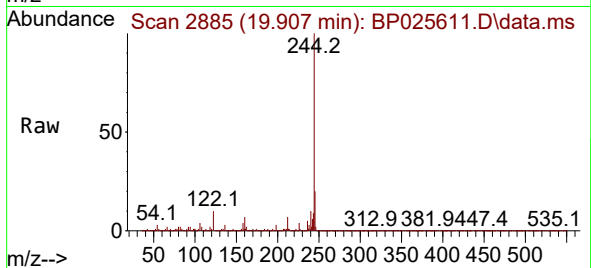
Tgt Ion:244 Resp: 4380054

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.0 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 3753

Delta R.T. -0.018 min

Lab File: BP025611.D

Acq: 28 Aug 2025 14:28

Tgt Ion:264 Resp: 1203153

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 23.2 17.4 26.0

