

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025428.D
 Acq On : 15 Aug 2025 15:31
 Operator : CG/JU
 Sample : Q2814-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-38M-S

Quant Time: Aug 15 15:51:46 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	146846	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	593307	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	414287	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	891190	20.000	ng	0.00
76) Chrysene-d12	21.642	240	944143	20.000	ng	0.00
86) Perylene-d12	24.995	264	1024213	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	757334	85.648	ng	0.00
7) Phenol-d6	6.966	99	734149	64.758	ng	0.00
23) Nitrobenzene-d5	8.931	82	1112271	94.833	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	882230	158.210	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2672805	88.173	ng	0.00
79) Terphenyl-d14	19.919	244	4677235	90.636	ng	0.00

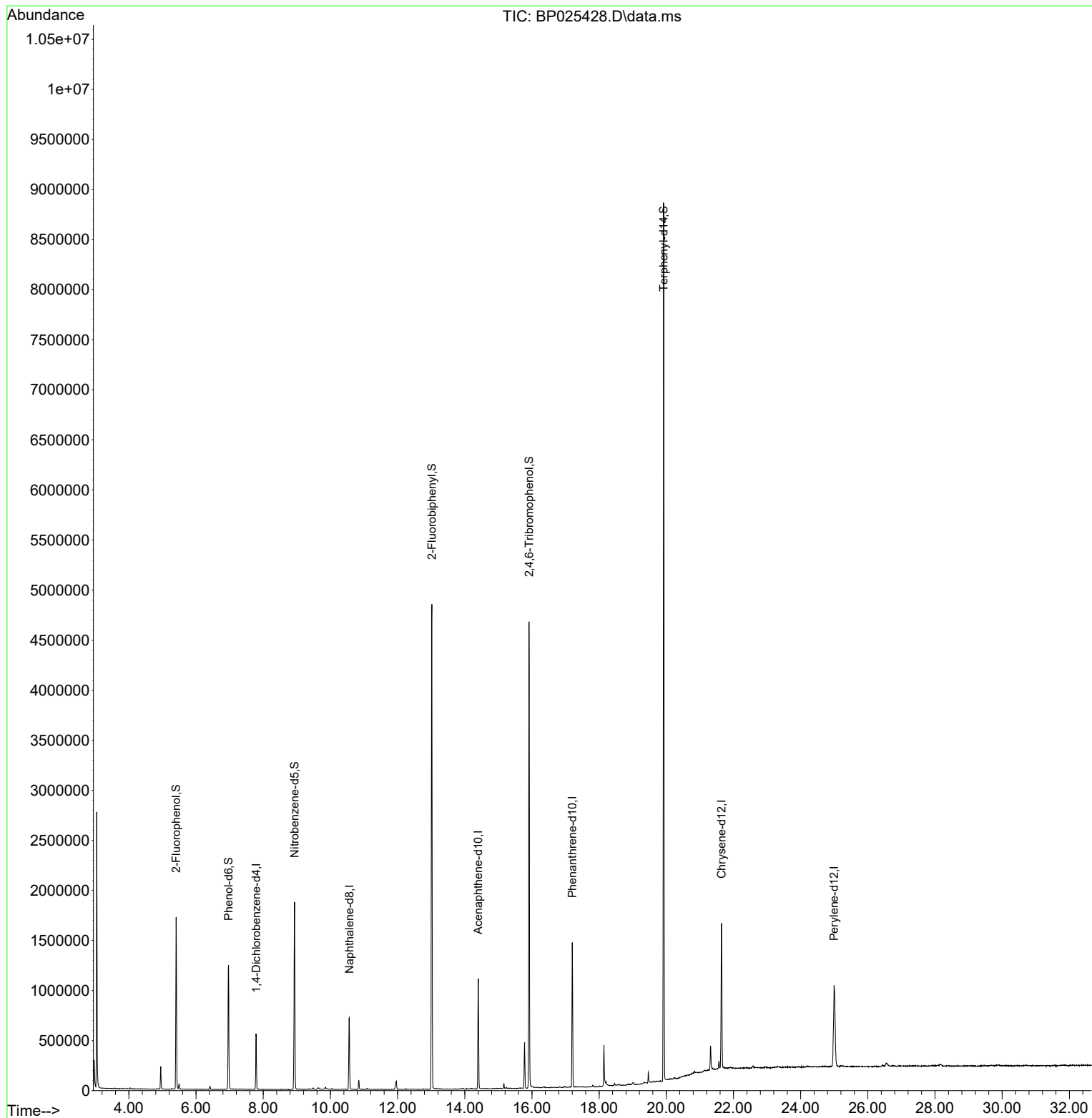
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025428.D
Acq On : 15 Aug 2025 15:31
Operator : CG/JU
Sample : Q2814-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-38M-S

Quant Time: Aug 15 15:51:46 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

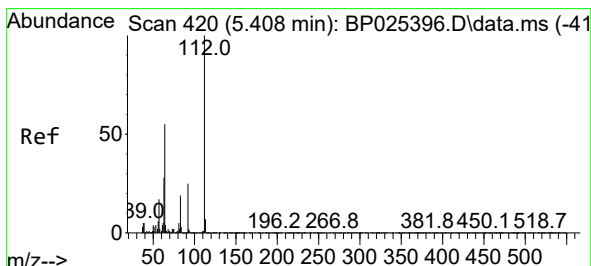
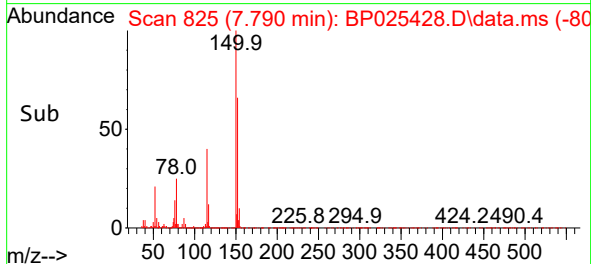
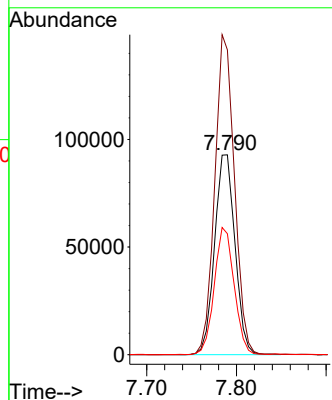
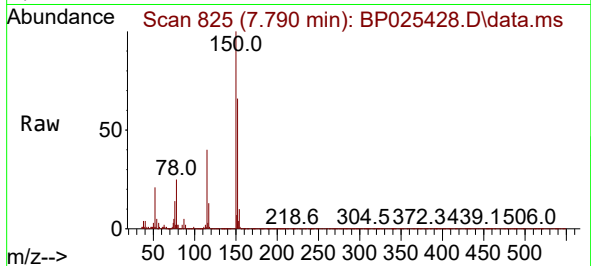




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025428.D
Acq: 15 Aug 2025 15:31

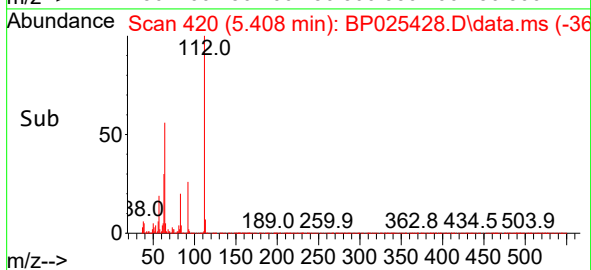
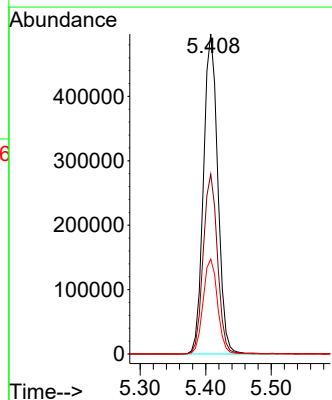
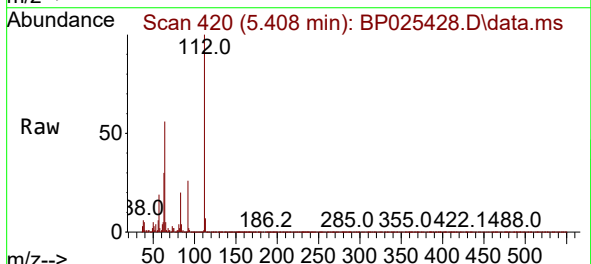
Instrument :
BNA_P
ClientSampleId :
TW-38M-S

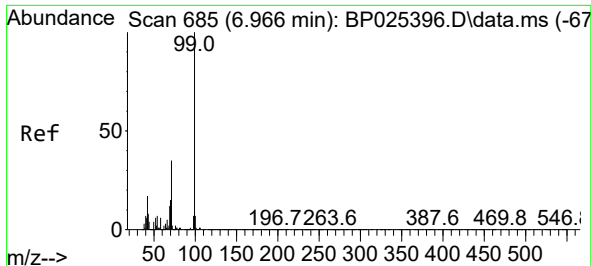
Tgt Ion:152 Resp: 146846
Ion Ratio Lower Upper
152 100
150 152.5 125.9 188.9
115 60.5 48.5 72.7



#5
2-Fluorophenol
Concen: 85.648 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025428.D
Acq: 15 Aug 2025 15:31

Tgt Ion:112 Resp: 757334
Ion Ratio Lower Upper
112 100
64 56.2 43.8 65.8
63 29.7 22.7 34.1

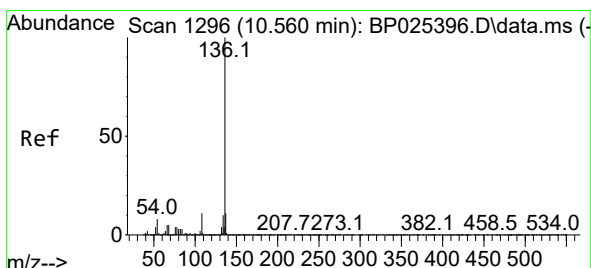
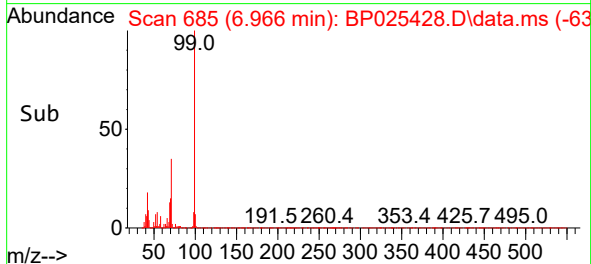
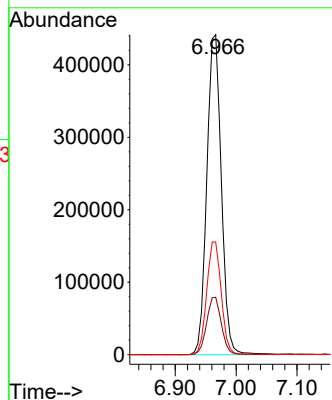
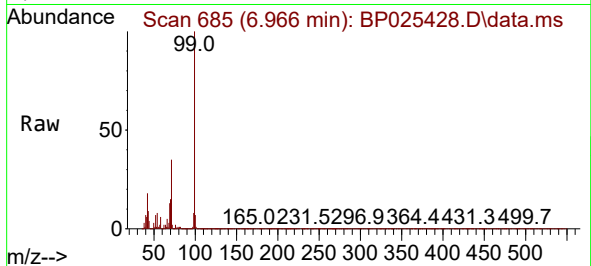




#7
Phenol-d6
Concen: 64.758 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025428.D
Acq: 15 Aug 2025 15:31

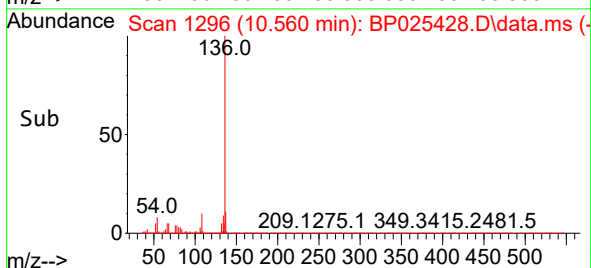
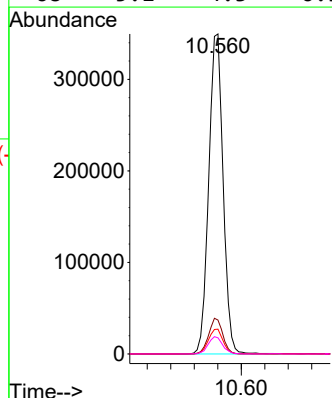
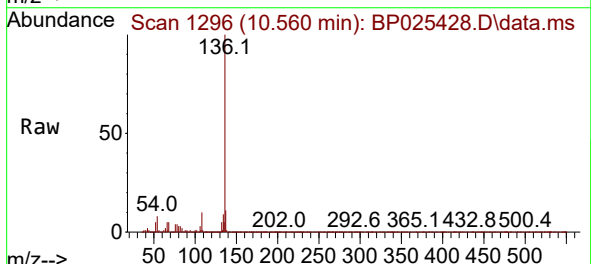
Instrument :
BNA_P
ClientSampleId :
TW-38M-S

Tgt Ion: 99 Resp: 734149
Ion Ratio Lower Upper
99 100
42 17.9 13.7 20.5
71 35.2 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025428.D
Acq: 15 Aug 2025 15:31

Tgt Ion:136 Resp: 593307
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 7.8 6.0 9.0
68 5.1 4.3 6.5

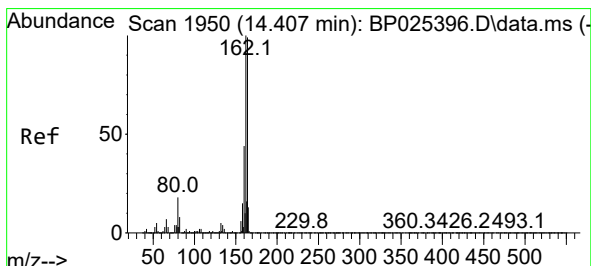
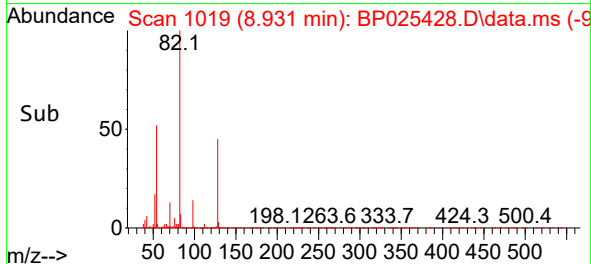
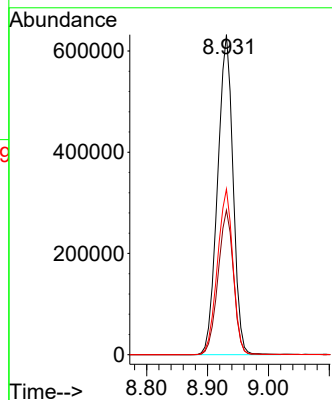
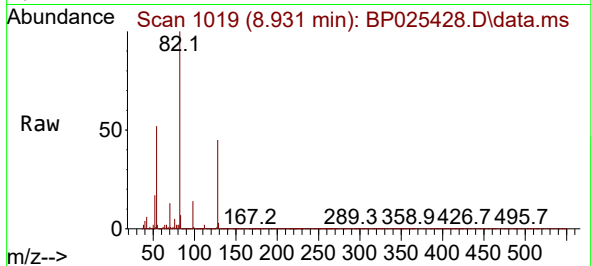




#23
Nitrobenzene-d5
Concen: 94.833 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025428.D
Acq: 15 Aug 2025 15:31

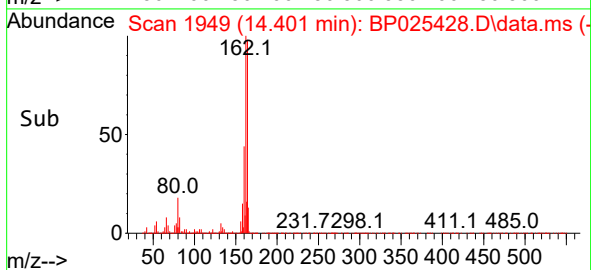
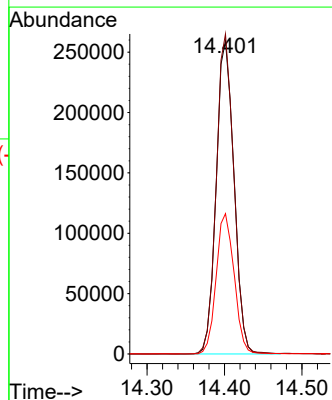
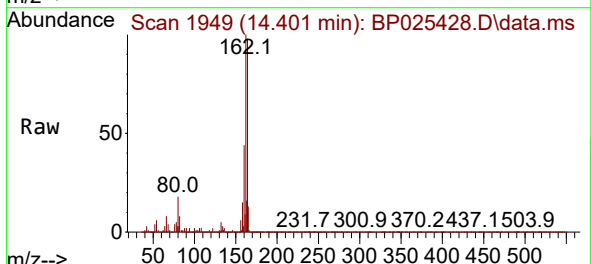
Instrument :
BNA_P
ClientSampleId :
TW-38M-S

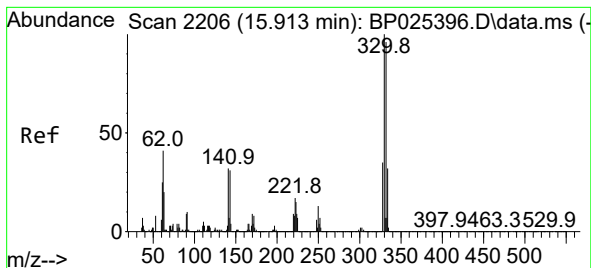
Tgt Ion: 82 Resp: 1112271
Ion Ratio Lower Upper
82 100
128 45.1 37.7 56.5
54 51.8 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025428.D
Acq: 15 Aug 2025 15:31

Tgt Ion:164 Resp: 414287
Ion Ratio Lower Upper
164 100
162 102.2 81.0 121.6
160 44.8 35.4 53.2

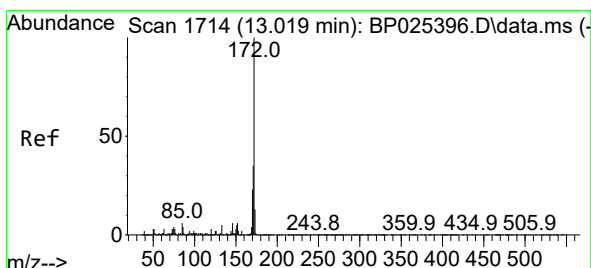
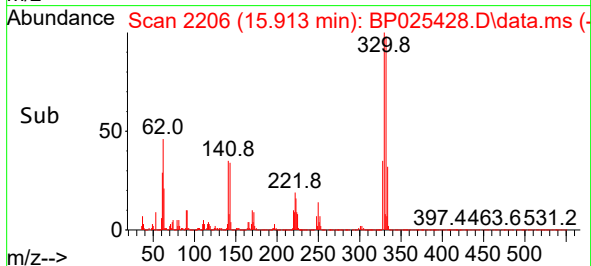
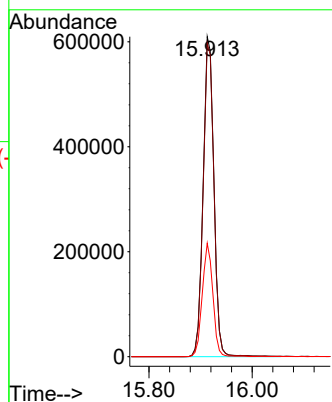
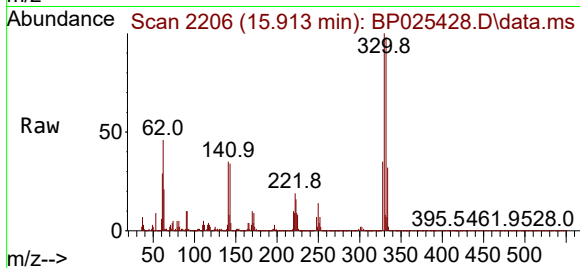




#42
2,4,6-Tribromophenol
Concen: 158.210 ng
RT: 15.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025428.D
Acq: 15 Aug 2025 15:31

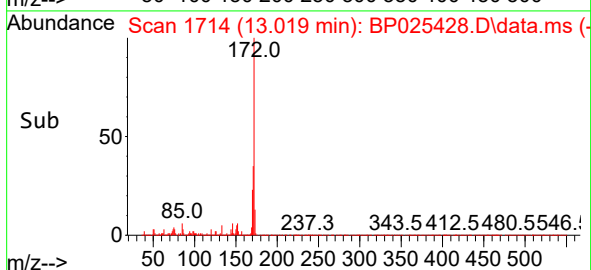
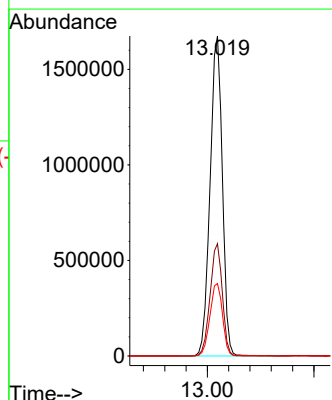
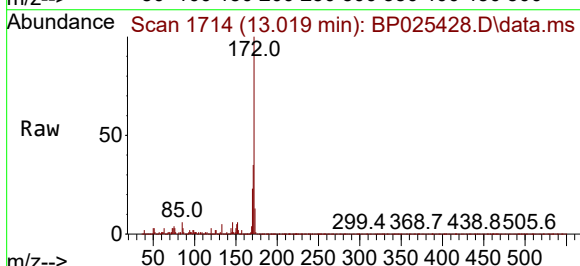
Instrument :
BNA_P
ClientSampleId :
TW-38M-S

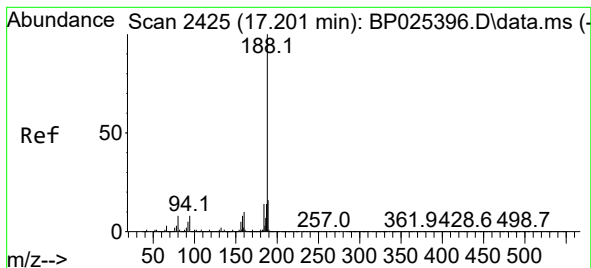
Tgt Ion:330 Resp: 882230
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 34.9 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 88.173 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025428.D
Acq: 15 Aug 2025 15:31

Tgt Ion:172 Resp: 2672805
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 22.7 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP025428.D

Acq: 15 Aug 2025 15:31

Instrument :

BNA_P

ClientSampleId :

TW-38M-S

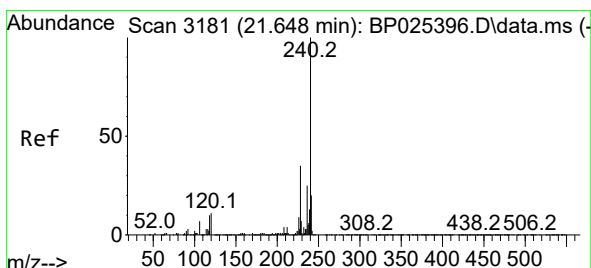
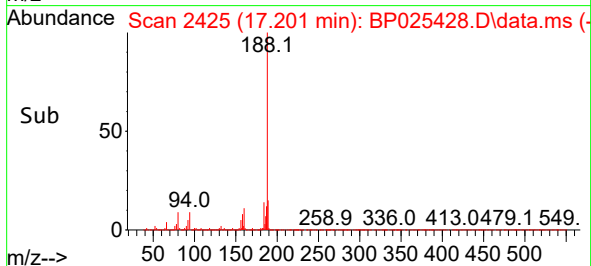
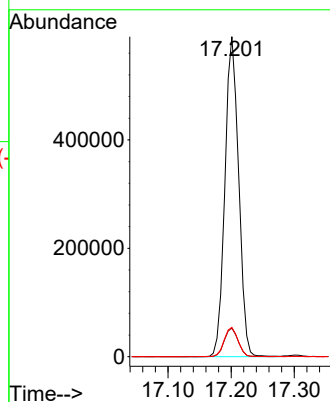
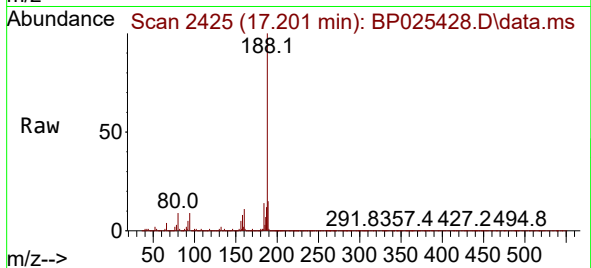
Tgt Ion:188 Resp: 891190

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.1 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: BP025428.D

Acq: 15 Aug 2025 15:31

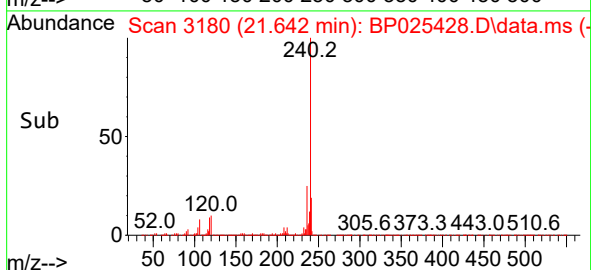
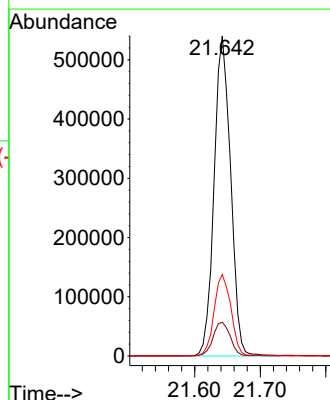
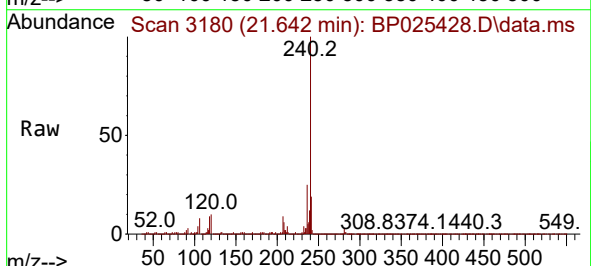
Tgt Ion:240 Resp: 944143

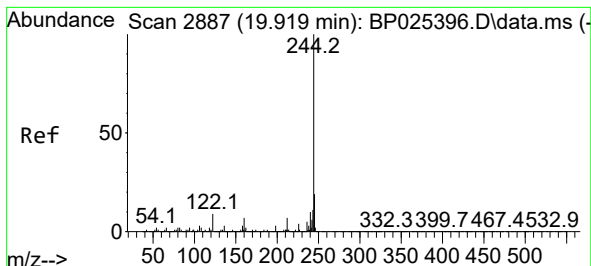
Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 25.5 19.8 29.8





#79

Terphenyl-d14

Concen: 90.636 ng

RT: 19.919 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BP025428.D

Acq: 15 Aug 2025 15:31

Instrument :

BNA_P

ClientSampleId :

TW-38M-S

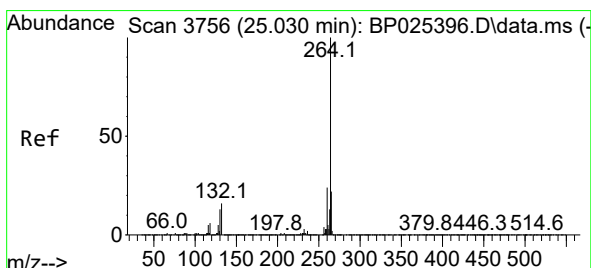
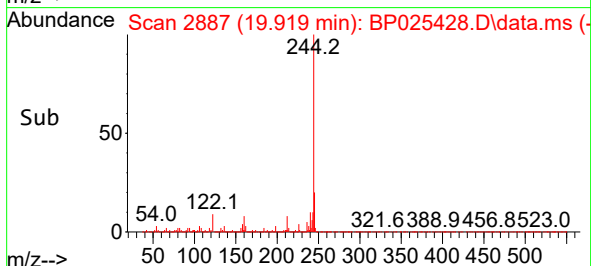
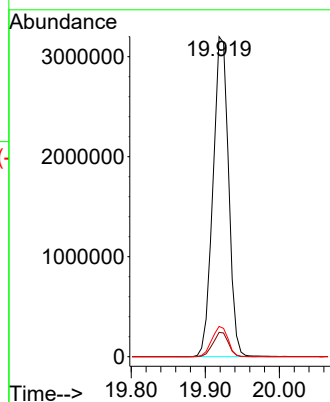
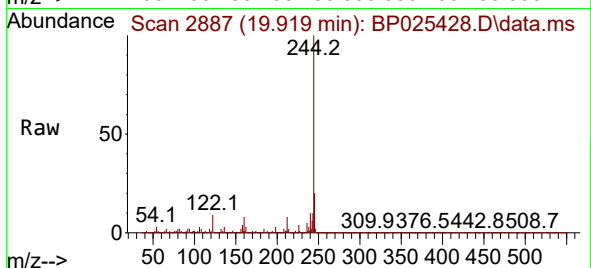
Tgt Ion:244 Resp: 4677235

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 9.5 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: BP025428.D

Acq: 15 Aug 2025 15:31

Tgt Ion:264 Resp: 1024213

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 22.3 17.4 26.0

