

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025427.D
 Acq On : 15 Aug 2025 14:49
 Operator : CG/JU
 Sample : Q2814-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-518R-W

Quant Time: Aug 15 15:28:56 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	131204	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	536271	20.000	ng	0.00
39) Acenaphthene-d10	14.396	164	359414	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	752275	20.000	ng	0.00
76) Chrysene-d12	21.630	240	812653	20.000	ng	-0.02
86) Perylene-d12	24.995	264	899631	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	737420	93.338	ng	0.00
7) Phenol-d6	6.961	99	740858	73.141	ng	0.00
23) Nitrobenzene-d5	8.925	82	941691	88.828	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	702799	145.274	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2134837	81.178	ng	0.00
79) Terphenyl-d14	19.919	244	3754282	84.522	ng	0.00

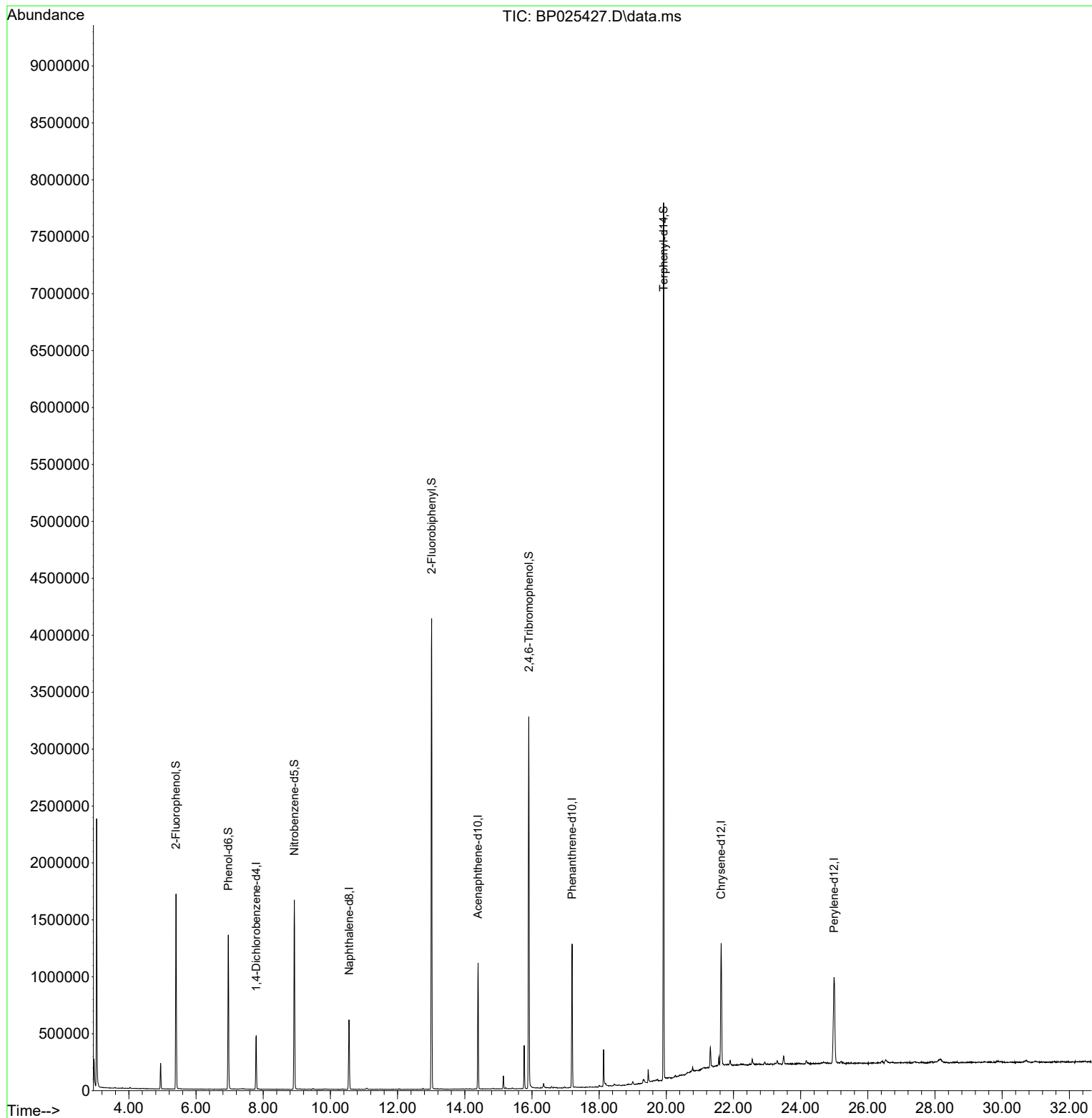
Target Compounds	Qvalue

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

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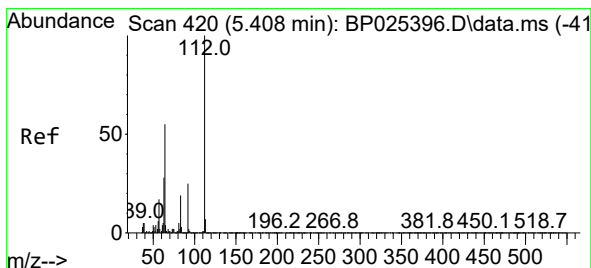
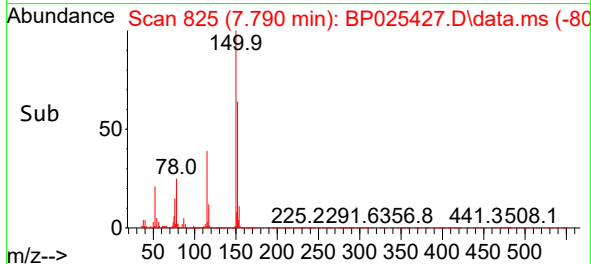
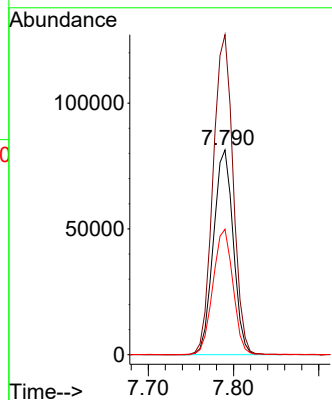
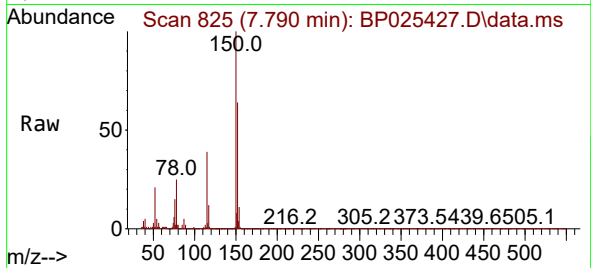




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025427.D
Acq: 15 Aug 2025 14:49

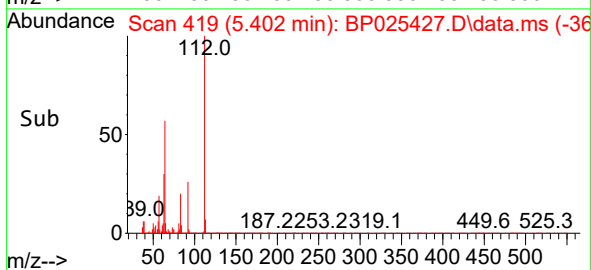
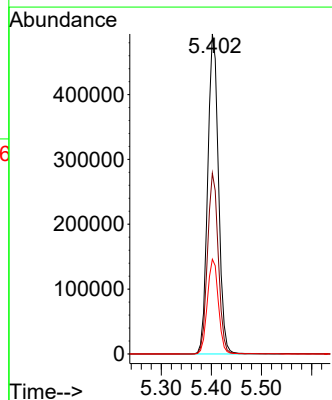
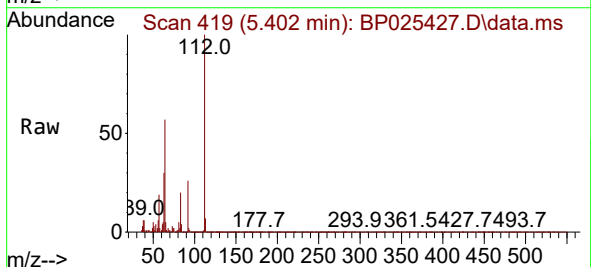
Instrument :
BNA_P
ClientSampleId :
TW-518R-W

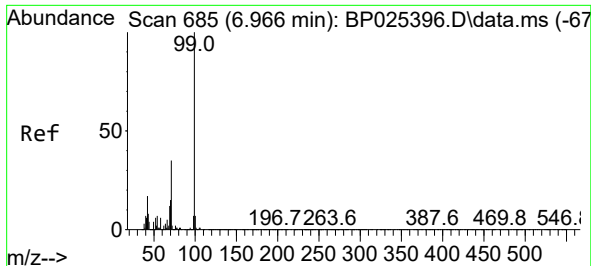
Tgt Ion:152 Resp: 131204
Ion Ratio Lower Upper
152 100
150 156.2 125.9 188.9
115 61.3 48.5 72.7



#5
2-Fluorophenol
Concen: 93.338 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025427.D
Acq: 15 Aug 2025 14:49

Tgt Ion:112 Resp: 737420
Ion Ratio Lower Upper
112 100
64 56.5 43.8 65.8
63 29.6 22.7 34.1

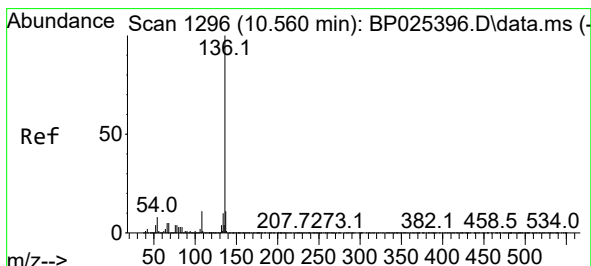
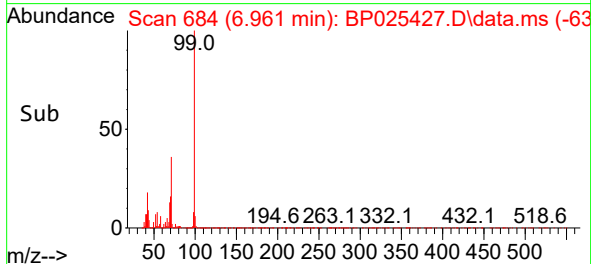
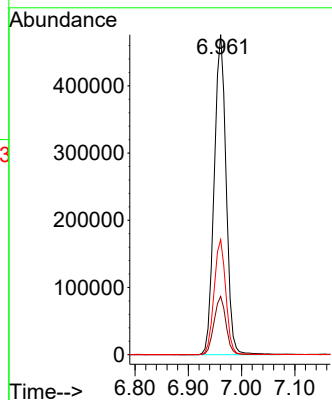
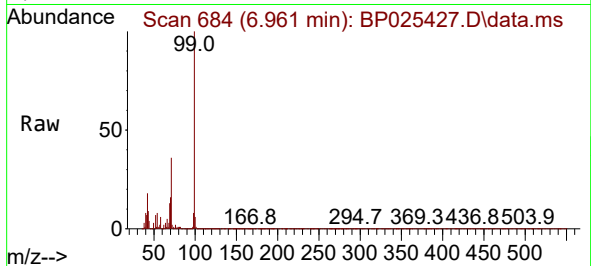




#7
Phenol-d6
Concen: 73.141 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025427.D
Acq: 15 Aug 2025 14:49

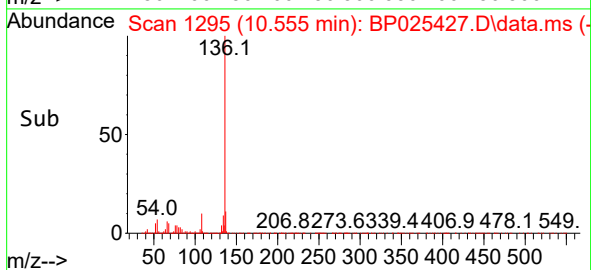
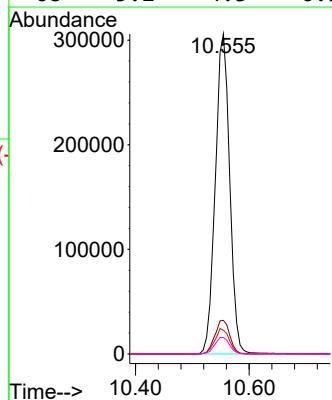
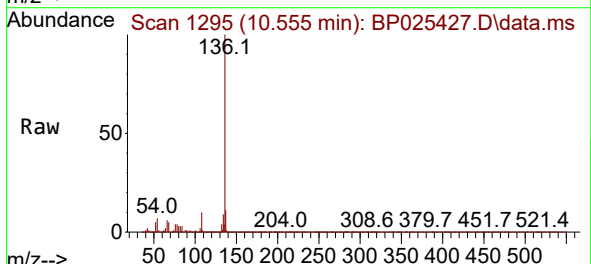
Instrument :
BNA_P
ClientSampleId :
TW-518R-W

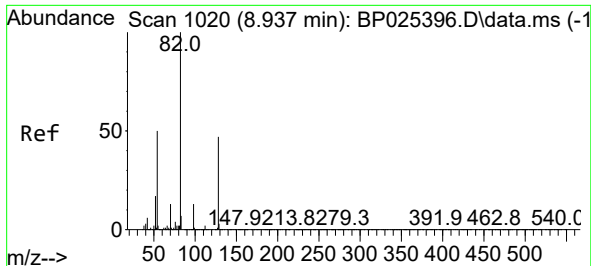
Tgt Ion: 99 Resp: 740858
Ion Ratio Lower Upper
99 100
42 18.2 13.7 20.5
71 35.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025427.D
Acq: 15 Aug 2025 14:49

Tgt Ion: 136 Resp: 536271
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 7.4 6.0 9.0
68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 88.828 ng

RT: 8.925 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP025427.D

Acq: 15 Aug 2025 14:49

Instrument :

BNA_P

ClientSampleId :

TW-518R-W

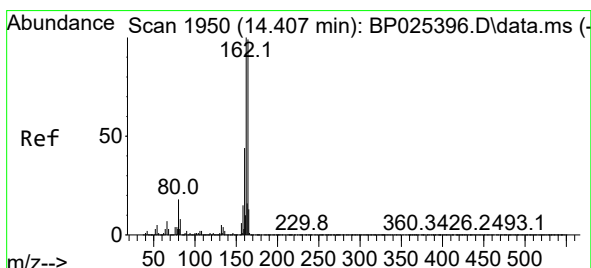
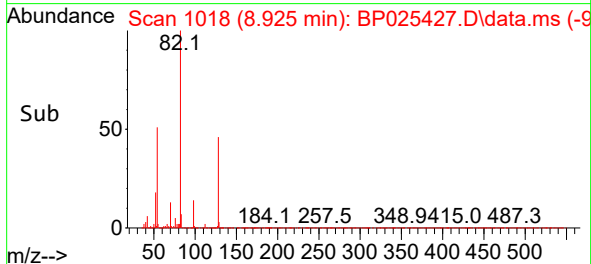
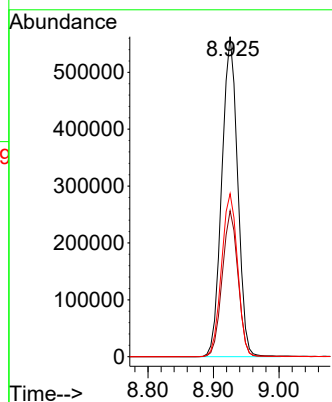
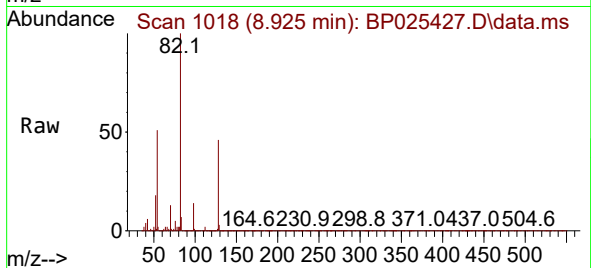
Tgt Ion: 82 Resp: 941691

Ion Ratio Lower Upper

82 100

128 45.6 37.7 56.5

54 50.9 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.396 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BP025427.D

Acq: 15 Aug 2025 14:49

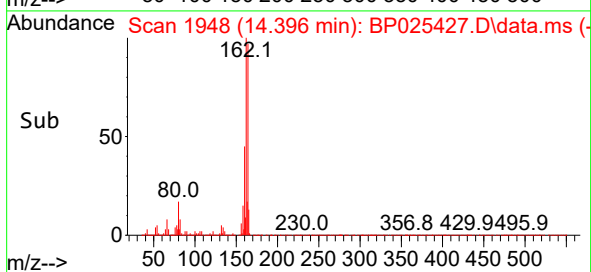
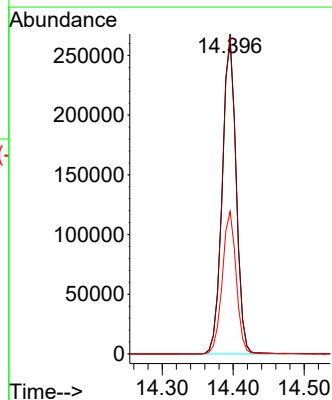
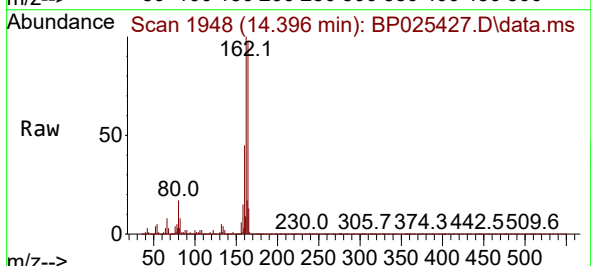
Tgt Ion: 164 Resp: 359414

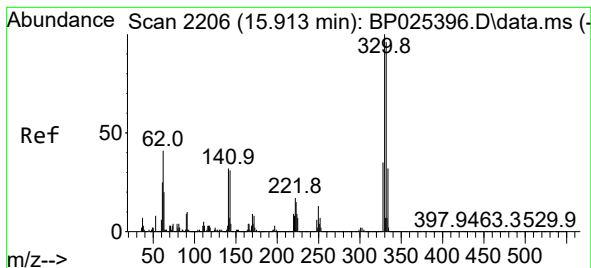
Ion Ratio Lower Upper

164 100

162 102.7 81.0 121.6

160 45.7 35.4 53.2

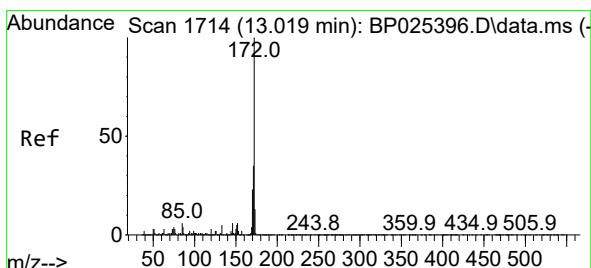
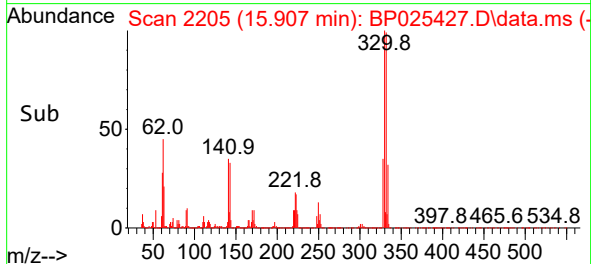
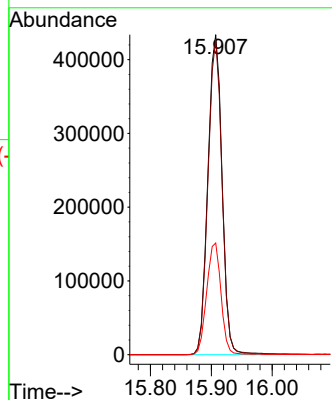
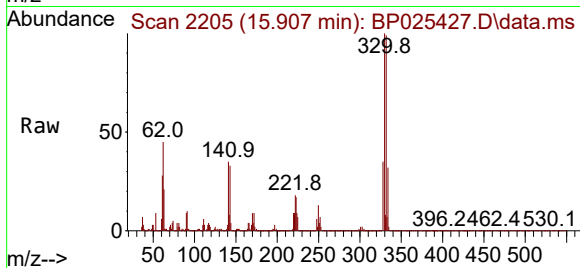




#42
2,4,6-Tribromophenol
Concen: 145.274 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025427.D
Acq: 15 Aug 2025 14:49

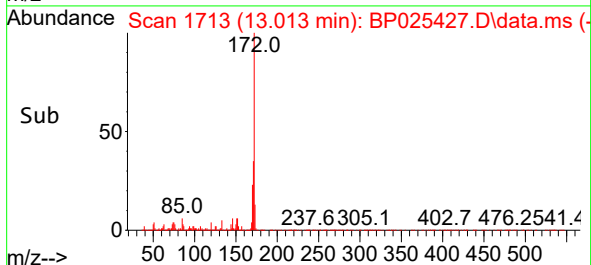
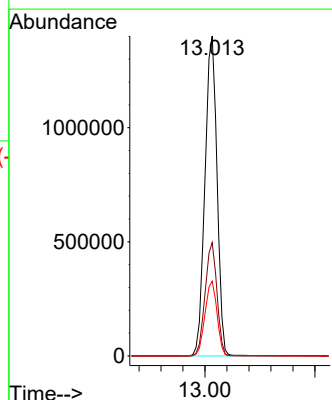
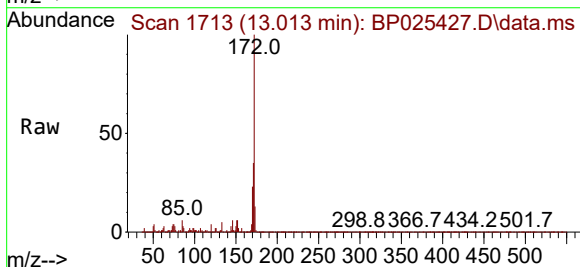
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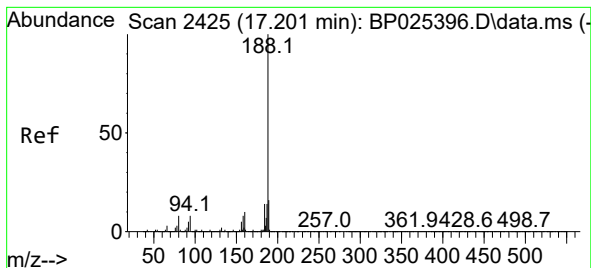
Tgt Ion:330 Resp: 702799
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 35.2 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 81.178 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025427.D
Acq: 15 Aug 2025 14:49

Tgt Ion:172 Resp: 2134837
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP025427.D

Acq: 15 Aug 2025 14:49

Instrument :

BNA_P

ClientSampleId :

TW-518R-W

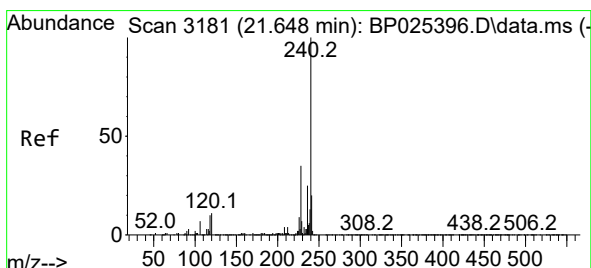
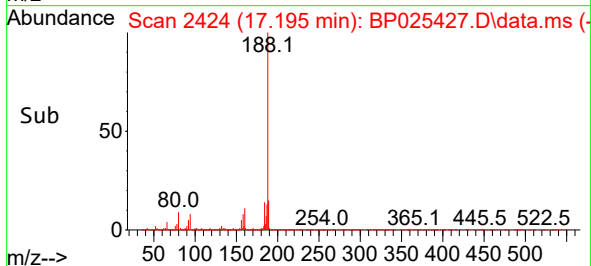
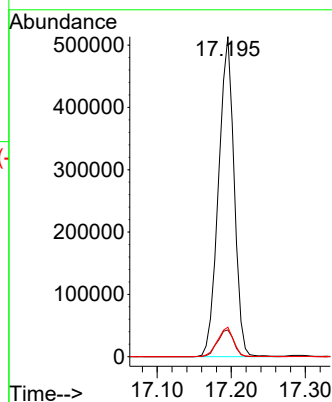
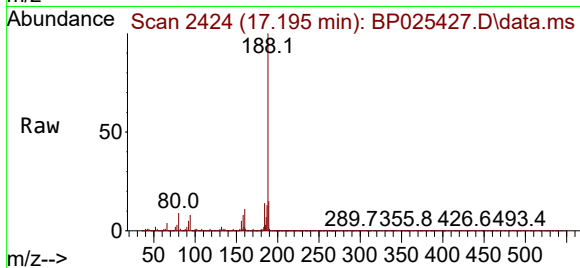
Tgt Ion:188 Resp: 752275

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.2 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.017 min

Lab File: BP025427.D

Acq: 15 Aug 2025 14:49

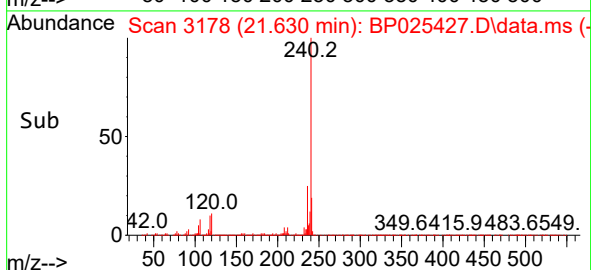
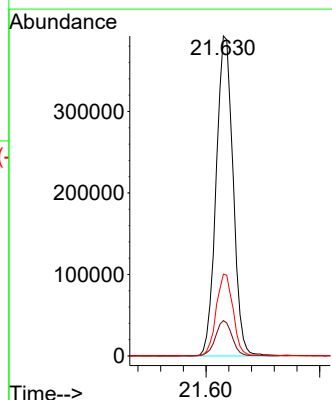
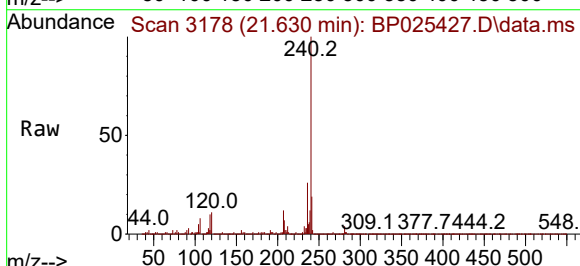
Tgt Ion:240 Resp: 812653

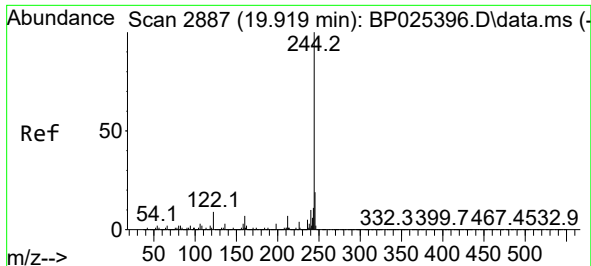
Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 25.5 19.8 29.8

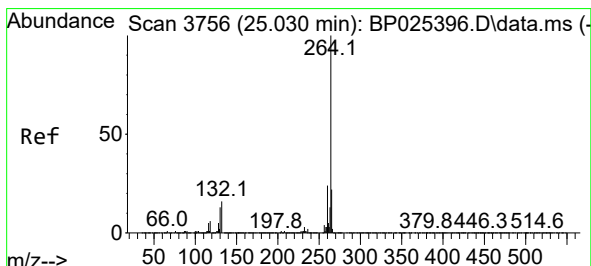
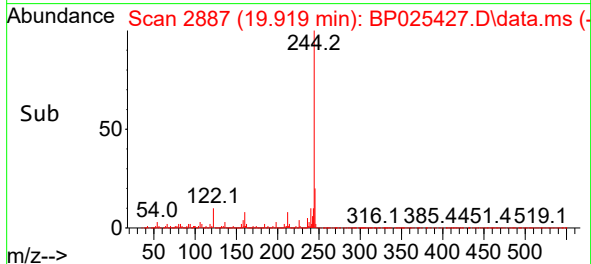
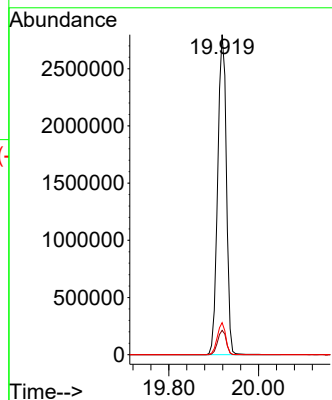
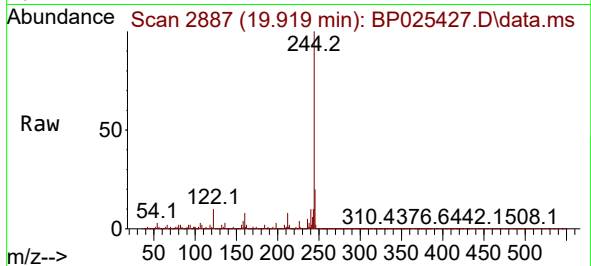




#79
 Terphenyl-d14
 Concen: 84.522 ng
 RT: 19.919 min Scan# 2887
 Delta R.T. 0.000 min
 Lab File: BP025427.D
 Acq: 15 Aug 2025 14:49

Instrument :
 BNA_P
 ClientSampleId :
 TW-518R-W

Tgt Ion:244 Resp: 3754282
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 10.0 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: BP025427.D
 Acq: 15 Aug 2025 14:49

Tgt Ion:264 Resp: 899631
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 22.5 17.4 26.0

