

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025496.D
 Acq On : 20 Aug 2025 05:54
 Operator : CG/JU
 Sample : Q2825-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW1

Quant Time: Aug 20 06:24:01 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)

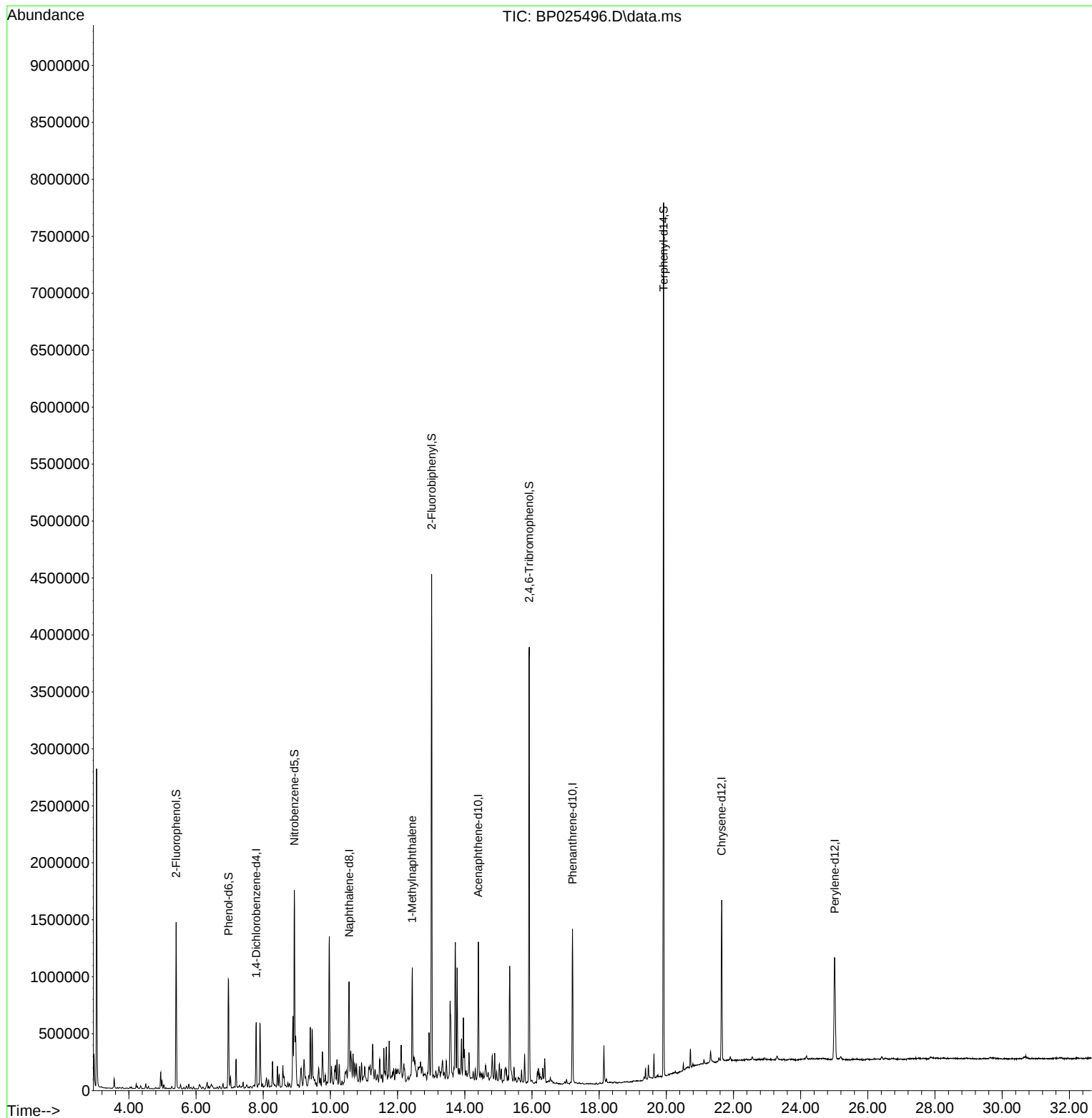
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	148473	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	590544	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	398793	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	832700	20.000	ng	0.00
76) Chrysene-d12	21.648	240	898569	20.000	ng	0.00
86) Perylene-d12	25.012	264	966954	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	619454	69.287	ng	0.00
7) Phenol-d6	6.966	99	522123	45.551	ng	0.00
23) Nitrobenzene-d5	8.925	82	974818	83.502	ng	-0.01
42) 2,4,6-Tribromophenol	15.919	330	730528	136.095	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2156296	73.897	ng	0.00
79) Terphenyl-d14	19.919	244	3826982	77.921	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	12.437	142	437937	20.616	ng	Qvalue 99

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

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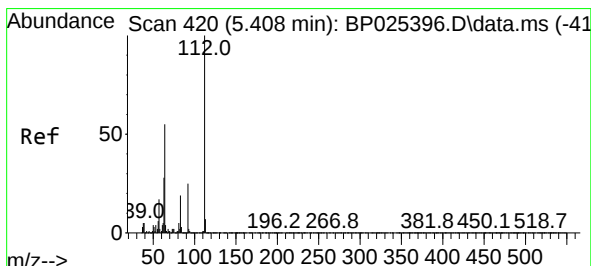
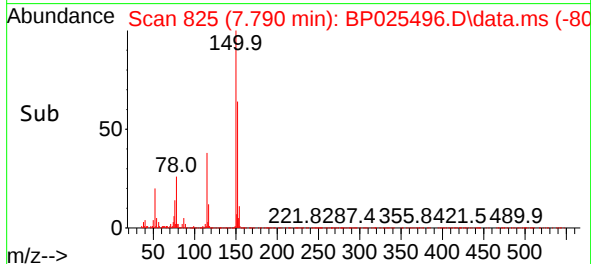
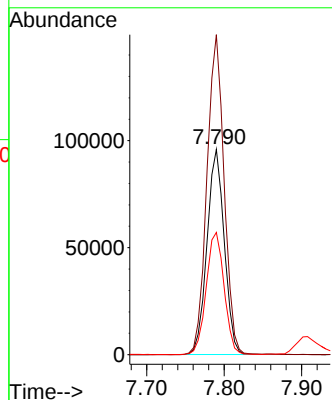
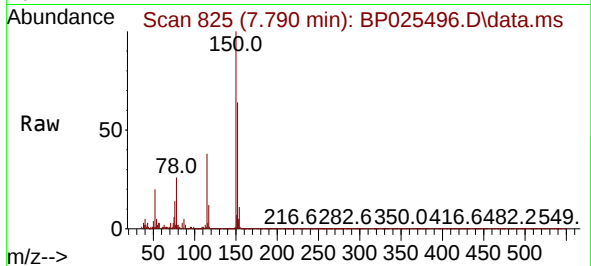




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

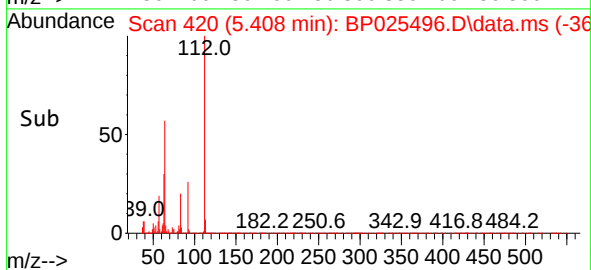
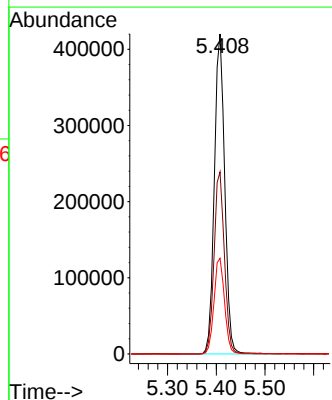
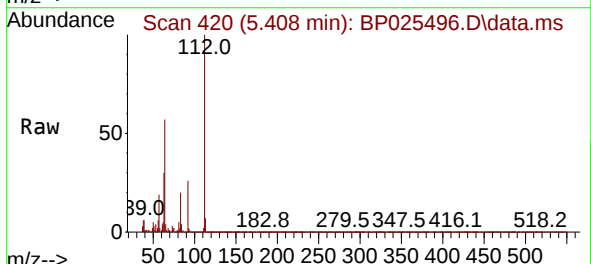
Instrument :
BNA_P
ClientSampleId :
TW1

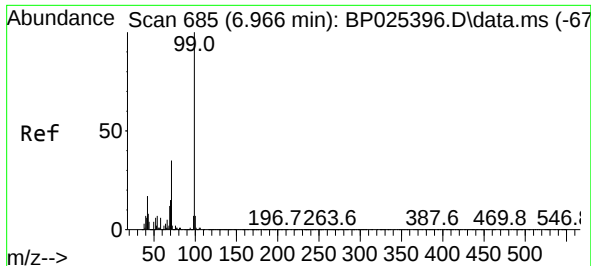
Tgt Ion:152 Resp: 148473
Ion Ratio Lower Upper
152 100
150 155.8 125.9 188.9
115 59.6 48.5 72.7



#5
2-Fluorophenol
Concen: 69.287 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Tgt Ion:112 Resp: 619454
Ion Ratio Lower Upper
112 100
64 56.9 43.8 65.8
63 29.9 22.7 34.1



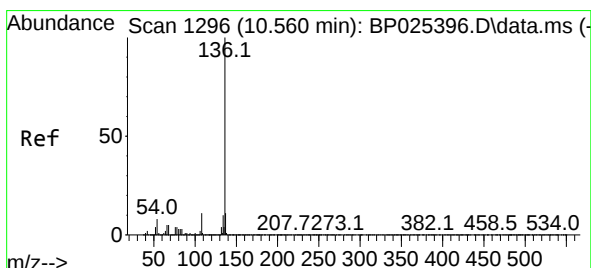
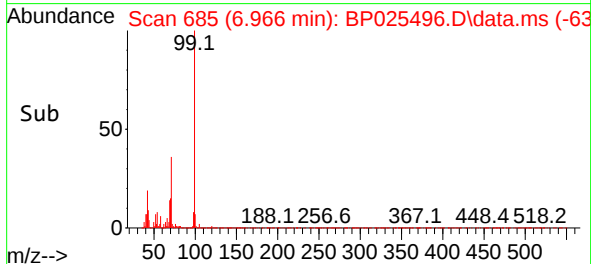
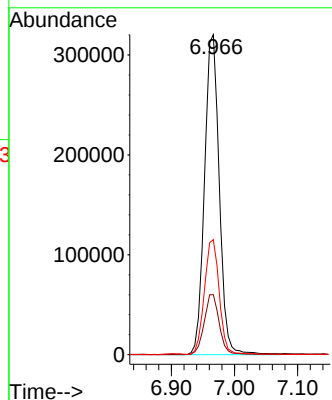
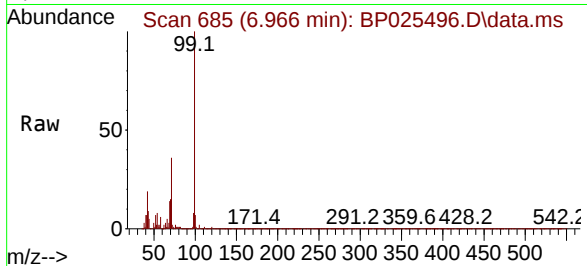


#7
Phenol-d6
Concen: 45.551 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Instrument :
BNA_P
ClientSampleId :
TW1

Tgt Ion: 99 Resp: 522123

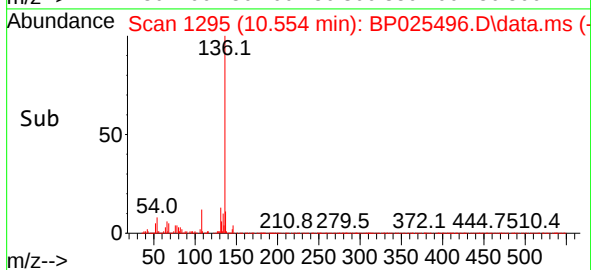
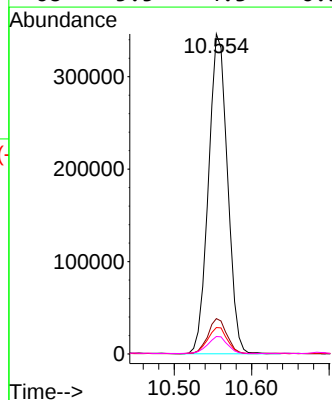
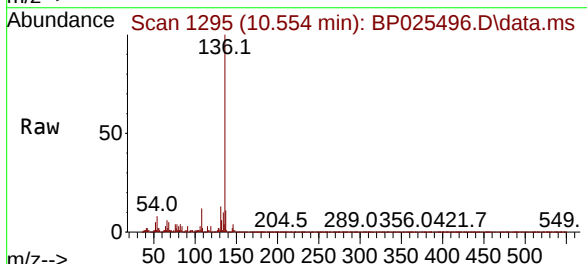
Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.7	20.5
71	36.0	28.2	42.4

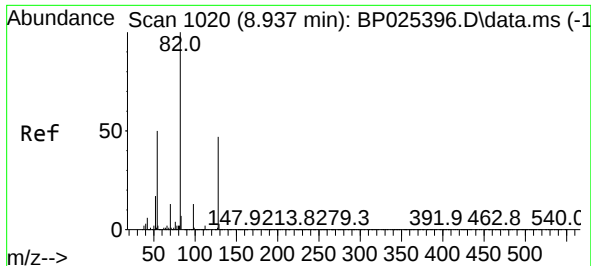


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Tgt Ion: 136 Resp: 590544

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.3	6.0	9.0
68	5.5	4.3	6.5

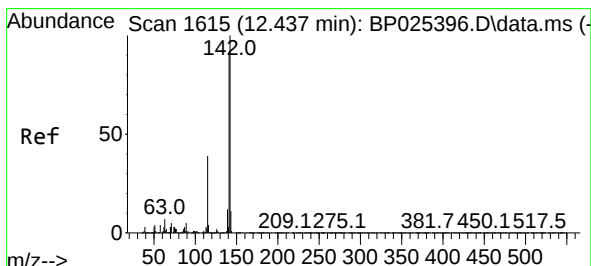
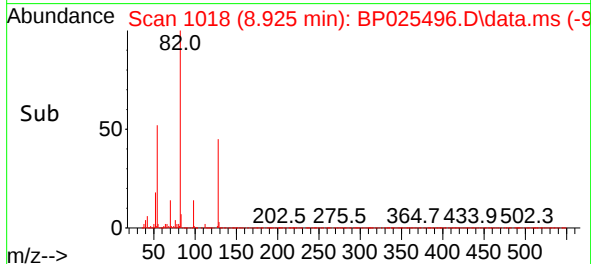
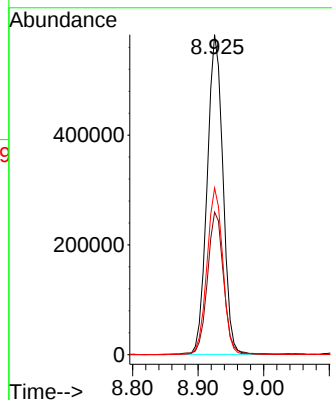
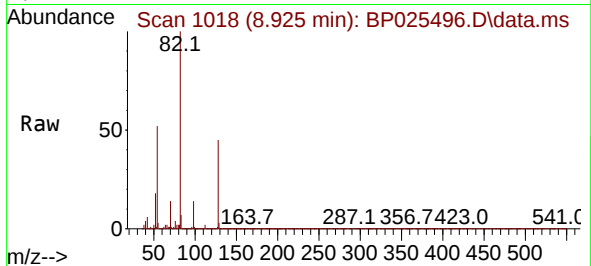




#23
Nitrobenzene-d5
Concen: 83.502 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

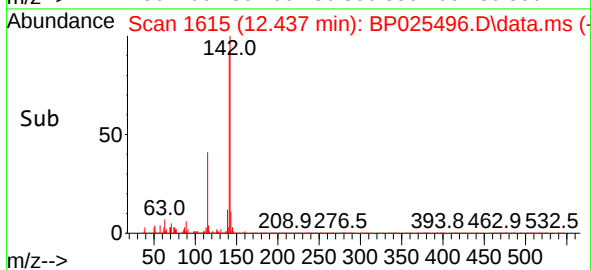
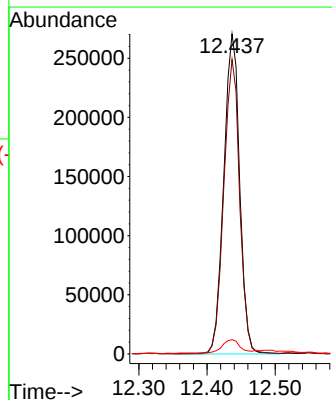
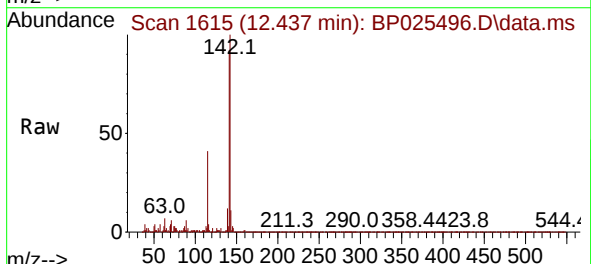
Instrument :
BNA_P
ClientSampleId :
TW1

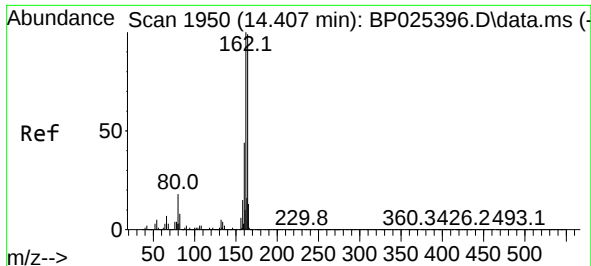
Tgt Ion: 82 Resp: 974818
Ion Ratio Lower Upper
82 100
128 44.5 37.7 56.5
54 52.1 39.8 59.6



#38
1-Methylnaphthalene
Concen: 20.616 ng
RT: 12.437 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Tgt Ion:142 Resp: 437937
Ion Ratio Lower Upper
142 100
141 92.0 73.1 109.7
116 4.5 3.2 4.8

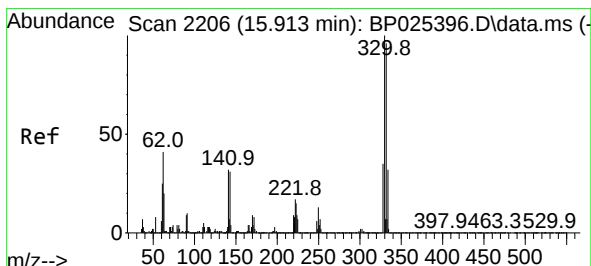
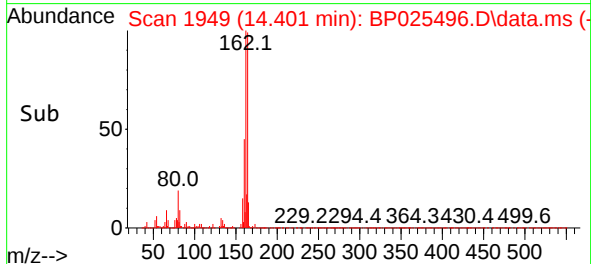
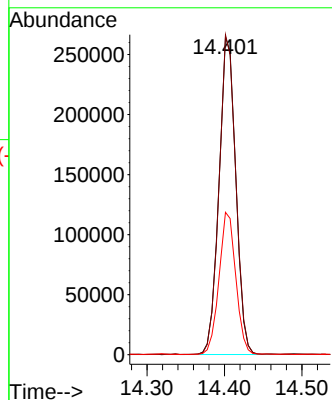
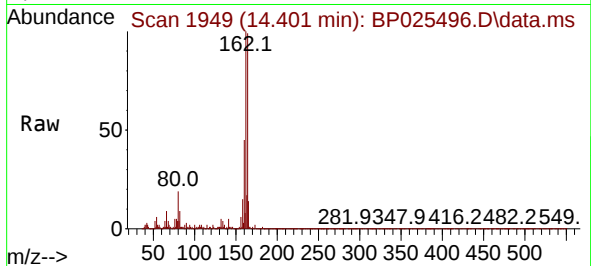




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

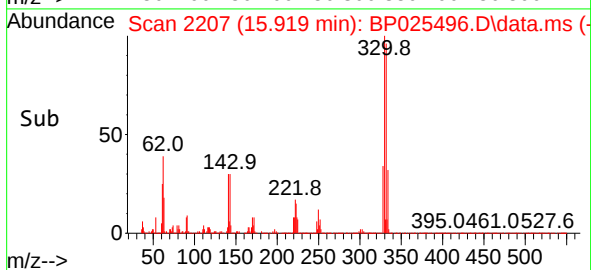
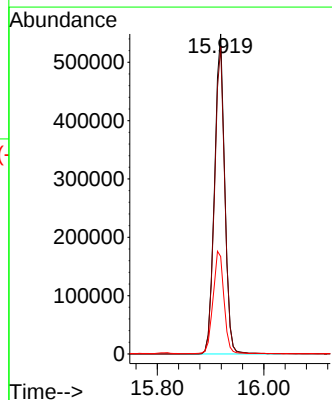
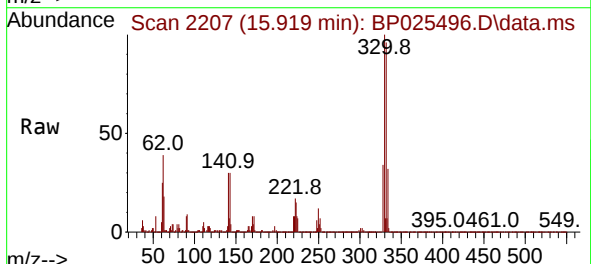
Instrument :
BNA_P
ClientSampleId :
TW1

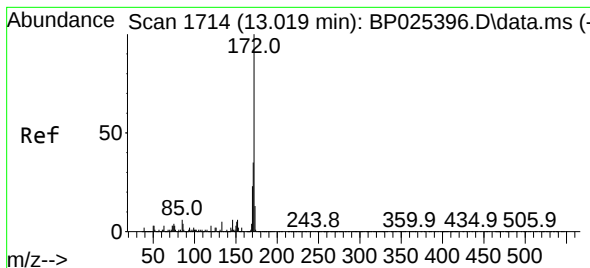
Tgt Ion:164 Resp: 398793
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.6
160 44.8 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 136.095 ng
RT: 15.919 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Tgt Ion:330 Resp: 730528
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 34.2 26.6 39.8





#45

2-Fluorobiphenyl

Concen: 73.897 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025496.D

Acq: 20 Aug 2025 05:54

Instrument :

BNA_P

ClientSampleId :

TW1

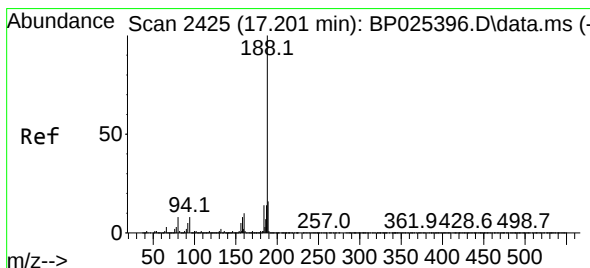
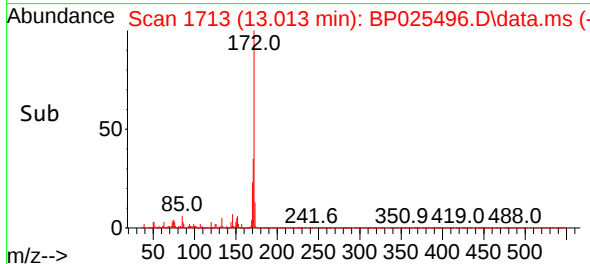
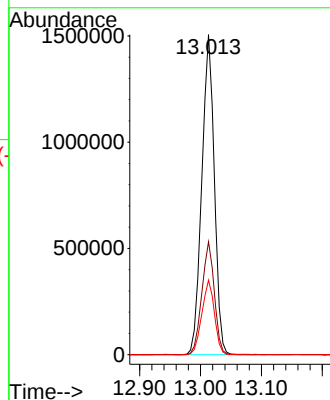
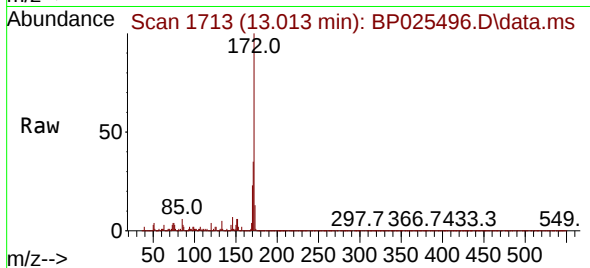
Tgt Ion:172 Resp: 2156296

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

170 23.3 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2426

Delta R.T. 0.006 min

Lab File: BP025496.D

Acq: 20 Aug 2025 05:54

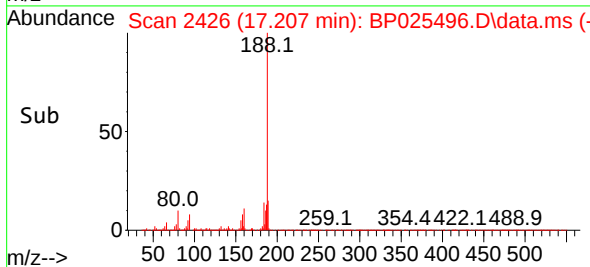
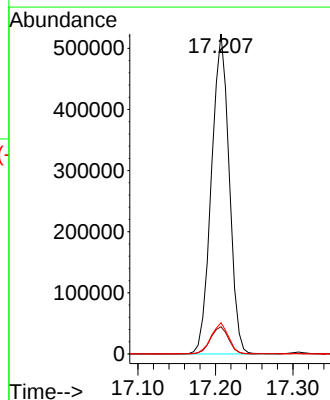
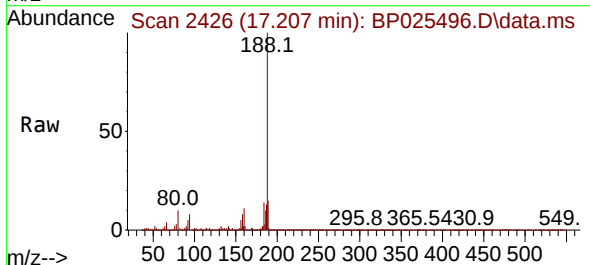
Tgt Ion:188 Resp: 832700

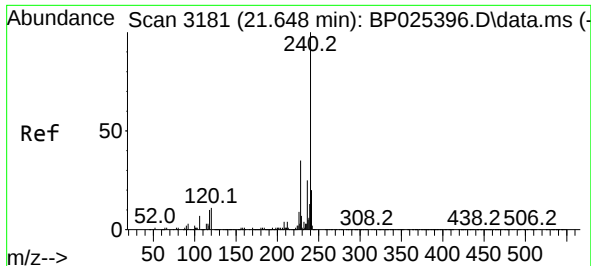
Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.7 6.7 10.1

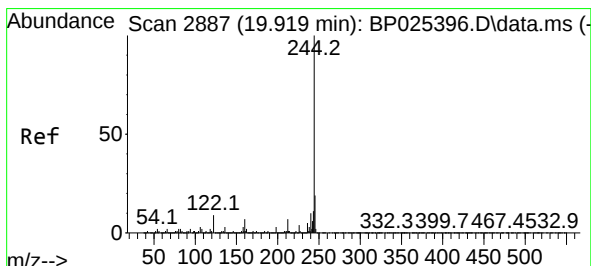
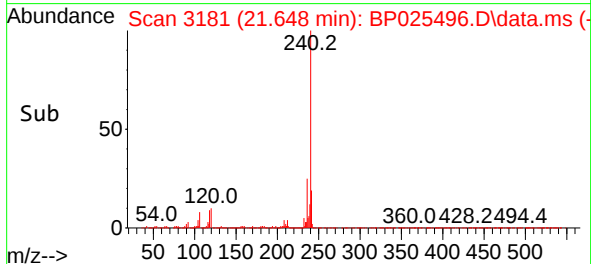
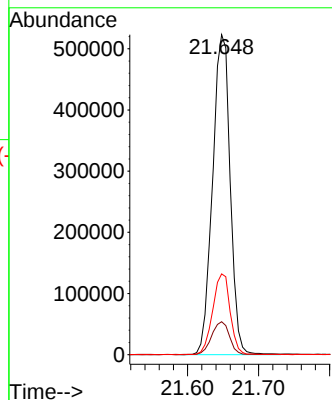
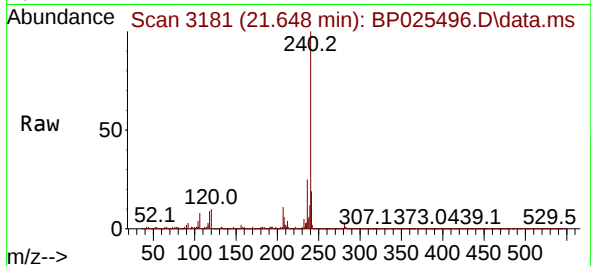




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

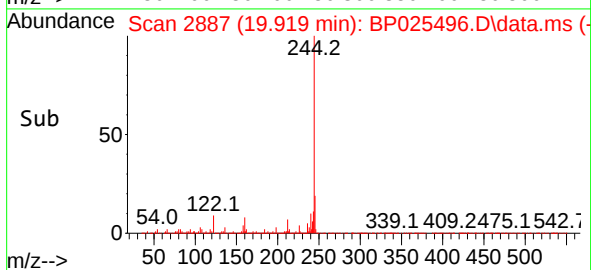
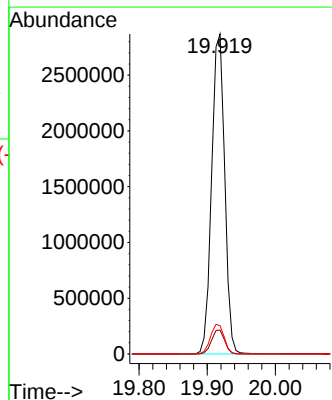
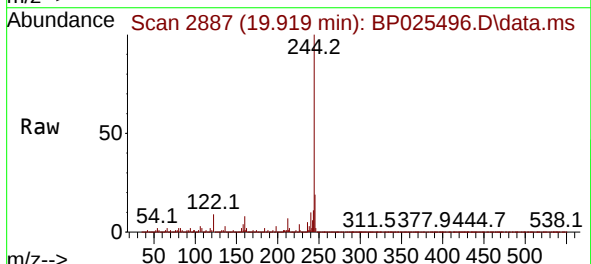
Instrument :
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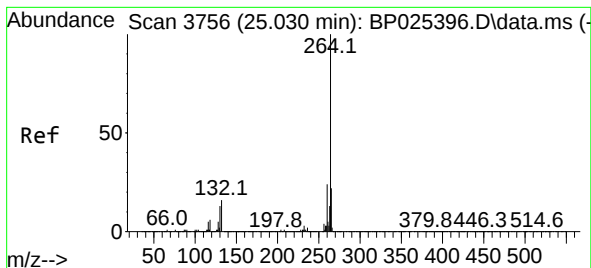
Tgt Ion:240 Resp: 898569
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.3 19.8 29.8



#79
Terphenyl-d14
Concen: 77.921 ng
RT: 19.919 min Scan# 2887
Delta R.T. 0.000 min
Lab File: BP025496.D
Acq: 20 Aug 2025 05:54

Tgt Ion:244 Resp: 3826982
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 8.9 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025496.D

Acq: 20 Aug 2025 05:54

Instrument :

BNA_P

ClientSampleId :

TW1

Tgt Ion:264 Resp: 966954

Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

265 21.6 17.4 26.0

