

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025551.D
 Acq On : 22 Aug 2025 16:17
 Operator : CG/JU
 Sample : Q2936-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB-02-082125

Quant Time: Aug 22 16:40:58 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)

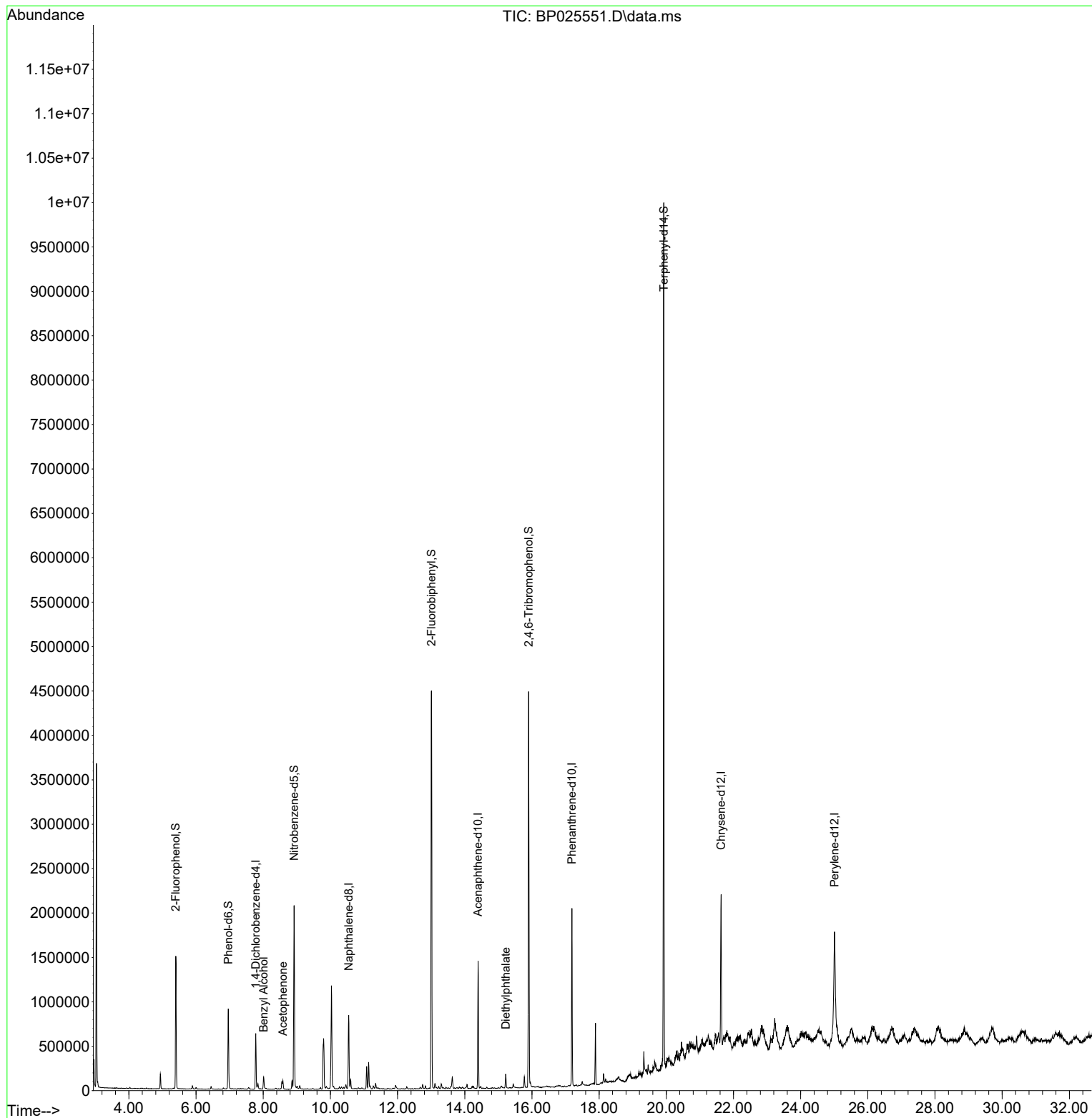
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	170389	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	707219	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	478193	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	1003191	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	1028642	20.000	ng	-0.02
86) Perylene-d12	25.007	264	1166717	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	642058	62.578	ng	-0.01
7) Phenol-d6	6.960	99	514978	39.149	ng	0.00
23) Nitrobenzene-d5	8.919	82	1150277	82.276	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	888954	138.111	ng	-0.01
45) 2-Fluorobiphenyl	13.007	172	2662899	76.106	ng	-0.01
79) Terphenyl-d14	19.924	244	4542919	80.802	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.013	79	53630	5.131	ng	Qvalue 99
22) Acetophenone	8.584	105	49233	2.776	ng	# 95
60) Diethylphthalate	15.219	149	87295	2.453	ng	99

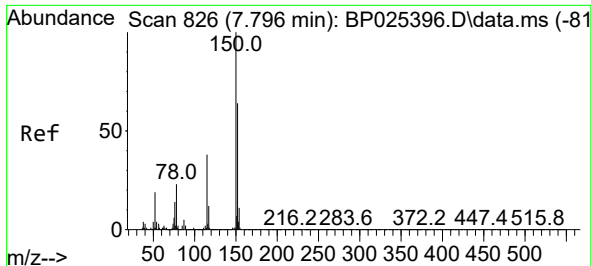
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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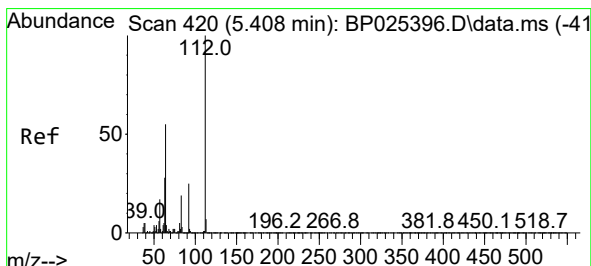
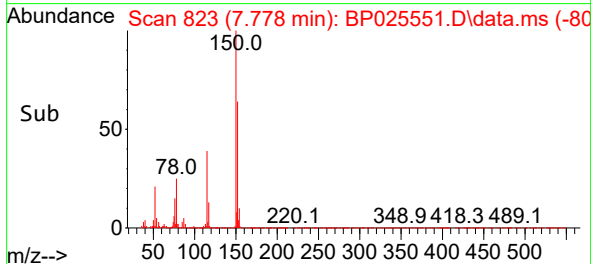
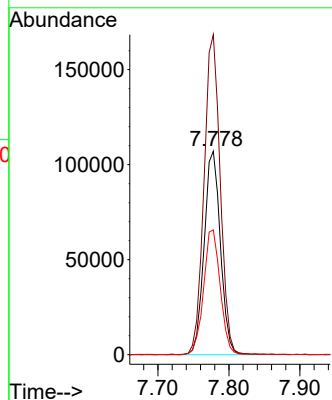
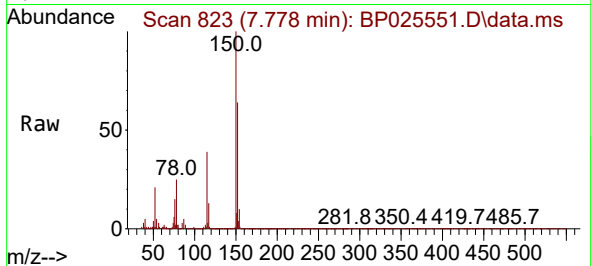




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

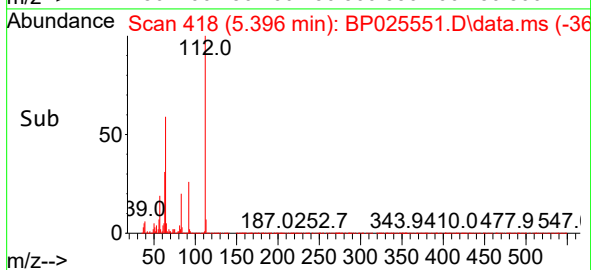
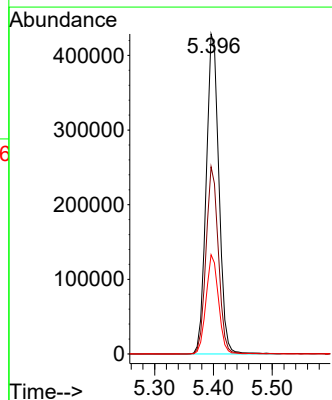
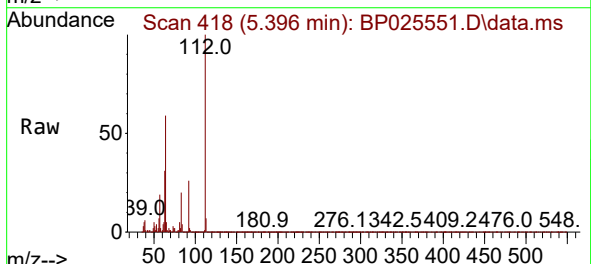
Instrument :
BNA_P
ClientSampleId :
FB-02-082125

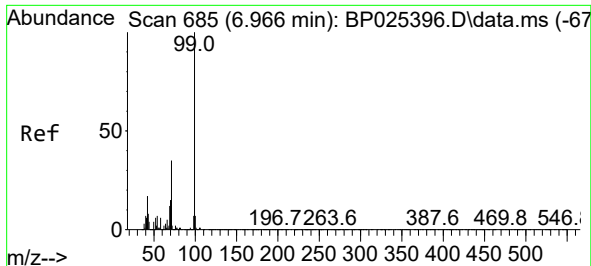
Tgt Ion:152 Resp: 170389
Ion Ratio Lower Upper
152 100
150 157.2 125.9 188.9
115 61.3 48.5 72.7



#5
2-Fluorophenol
Concen: 62.578 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Tgt Ion:112 Resp: 642058
Ion Ratio Lower Upper
112 100
64 58.5 43.8 65.8
63 31.0 22.7 34.1

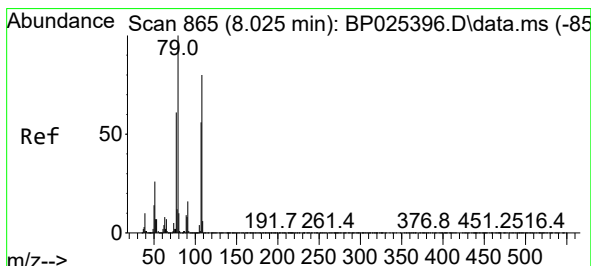
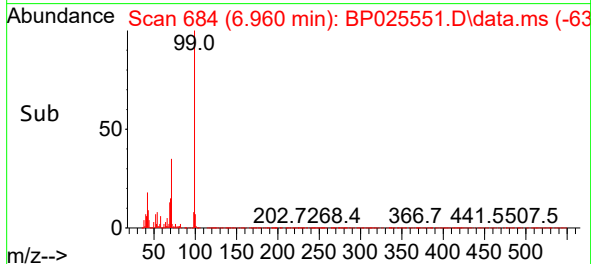
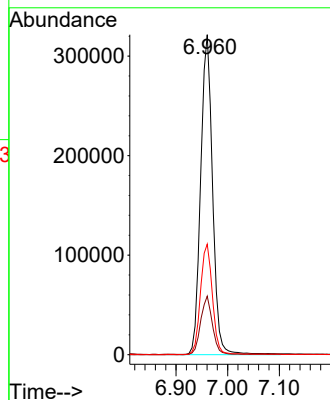
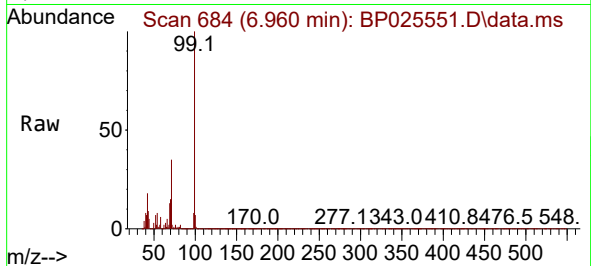




#7
Phenol-d6
Concen: 39.149 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

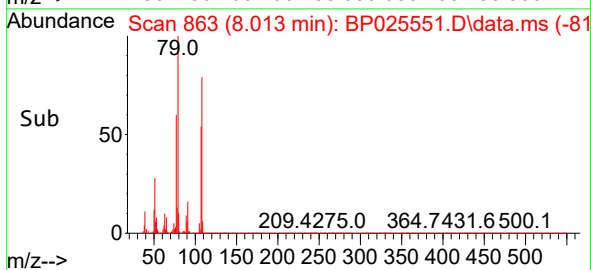
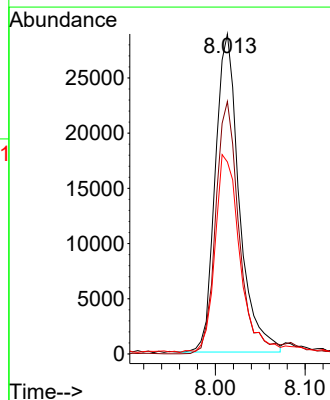
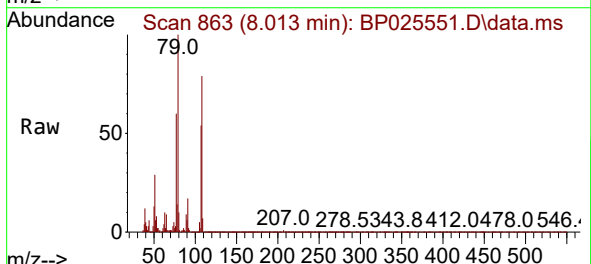
Instrument :
BNA_P
ClientSampleId :
FB-02-082125

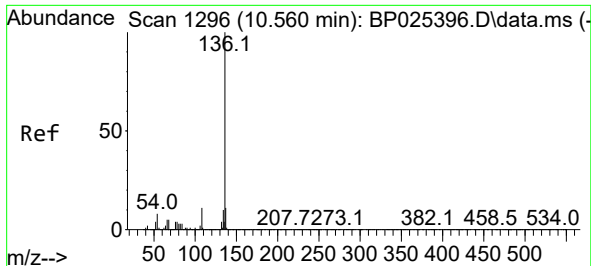
Tgt Ion: 99 Resp: 514978
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 34.5 28.2 42.4



#15
Benzyl Alcohol
Concen: 5.131 ng
RT: 8.013 min Scan# 863
Delta R.T. -0.012 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Tgt Ion: 79 Resp: 53630
Ion Ratio Lower Upper
79 100
108 78.9 63.8 95.6
77 60.0 49.0 73.4

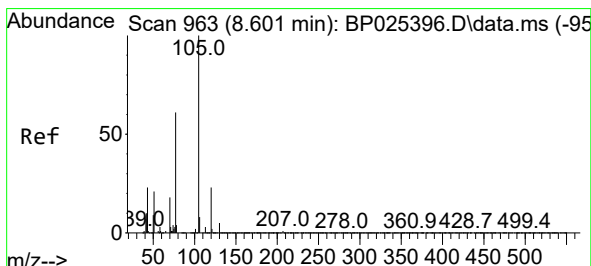
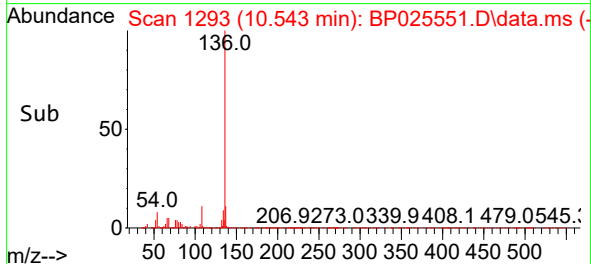
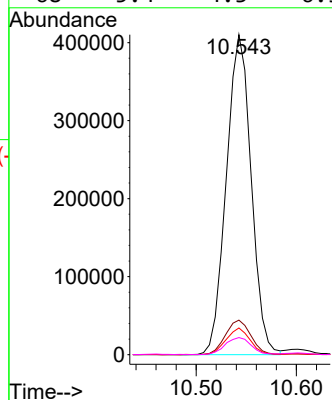
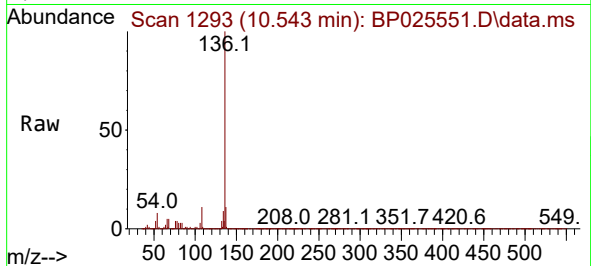




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

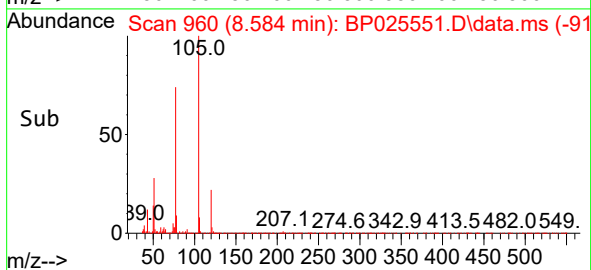
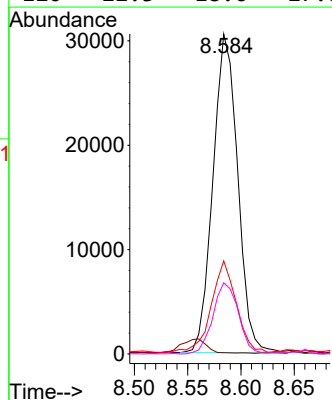
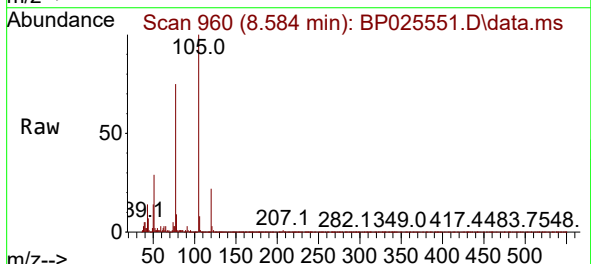
Instrument :
BNA_P
ClientSampleId :
FB-02-082125

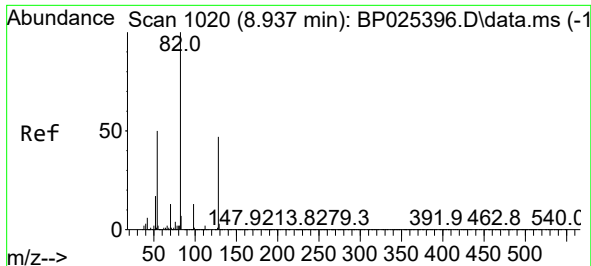
Tgt Ion:	136	Resp:	707219
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.3	6.0	9.0
68	5.4	4.3	6.5



#22
Acetophenone
Concen: 2.776 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Tgt Ion:	105	Resp:	49233
Ion	Ratio	Lower	Upper
105	100		
71	0.4	2.6	4.0#
51	29.1	20.6	30.8
120	22.3	18.6	27.8

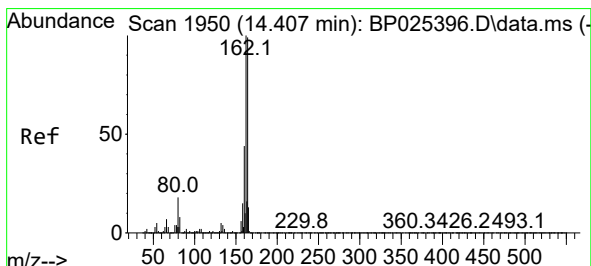
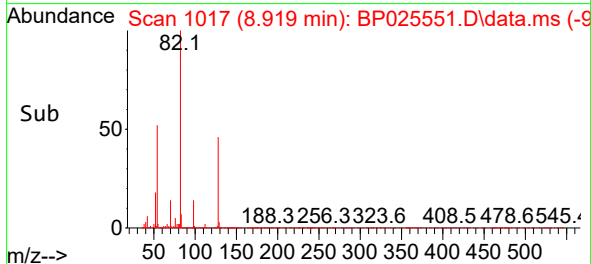
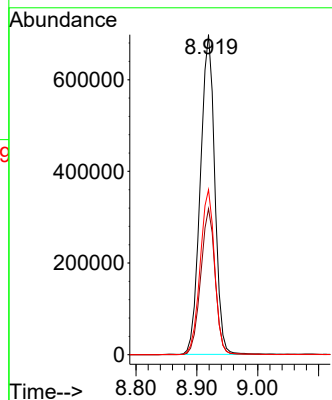
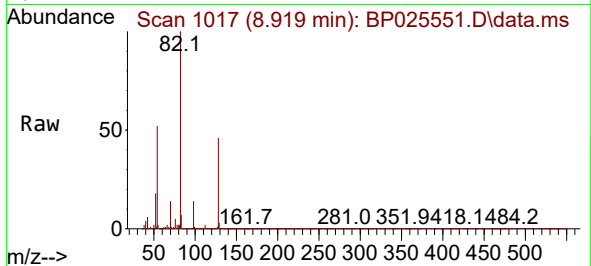




#23
Nitrobenzene-d5
Concen: 82.276 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

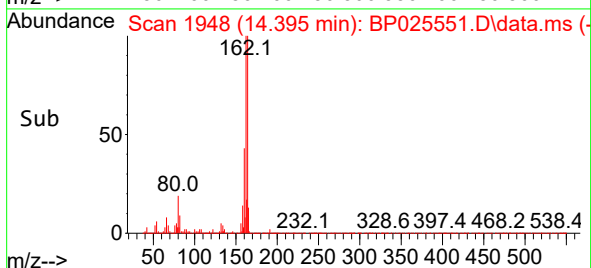
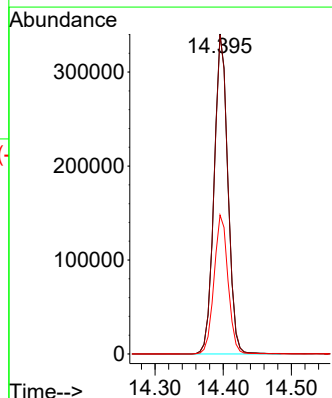
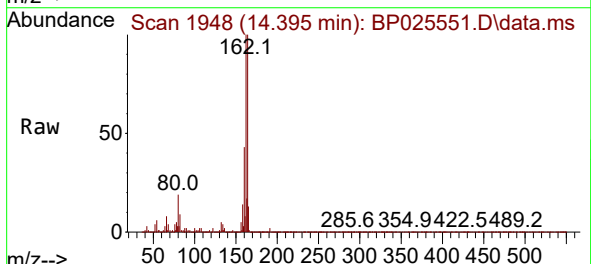
Instrument :
BNA_P
ClientSampleId :
FB-02-082125

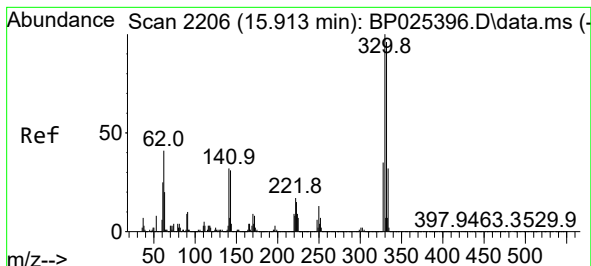
Tgt Ion: 82 Resp: 1150277
Ion Ratio Lower Upper
82 100
128 45.6 37.7 56.5
54 51.6 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Tgt Ion:164 Resp: 478193
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.6
160 43.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 138.111 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025551.D

Acq: 22 Aug 2025 16:17

Instrument :

BNA_P

ClientSampleId :

FB-02-082125

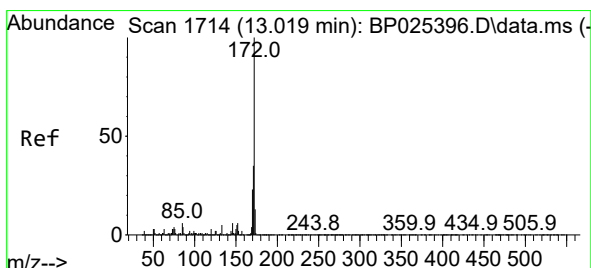
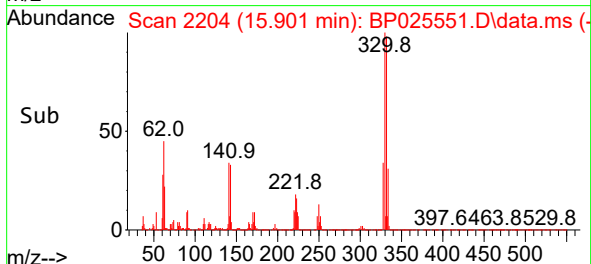
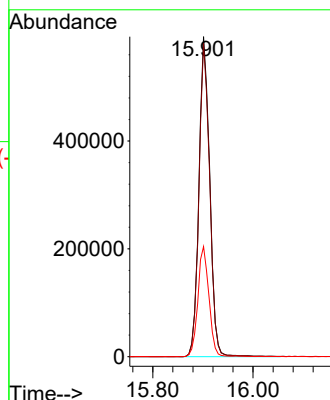
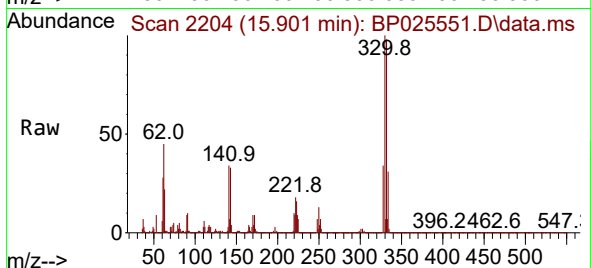
Tgt Ion:330 Resp: 888954

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 34.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 76.106 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025551.D

Acq: 22 Aug 2025 16:17

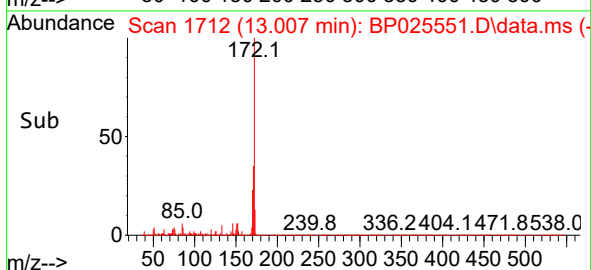
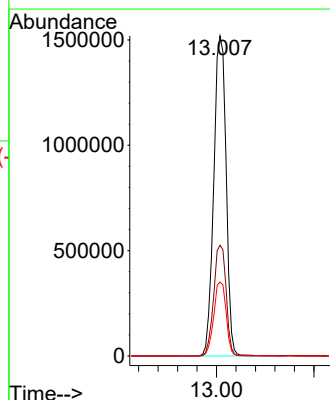
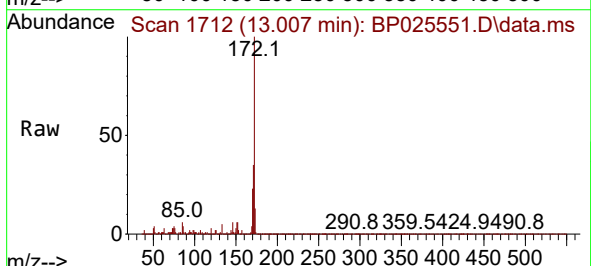
Tgt Ion:172 Resp: 2662899

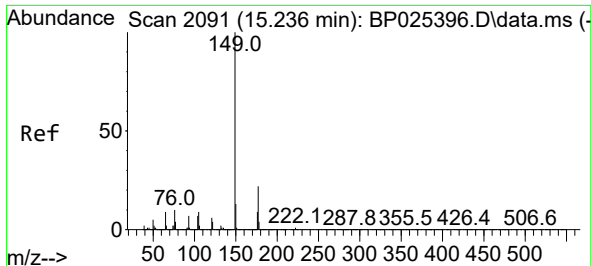
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.1 18.6 28.0

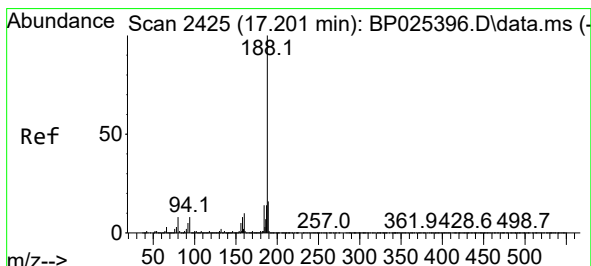
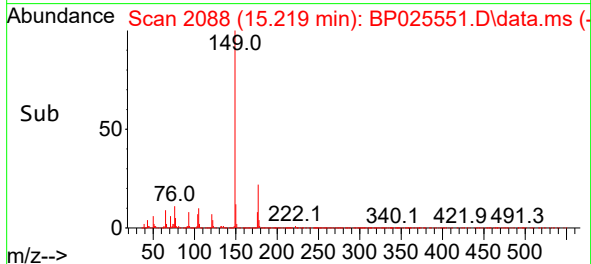
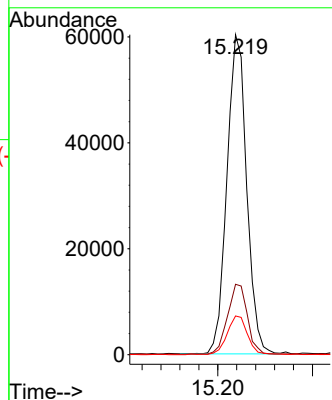
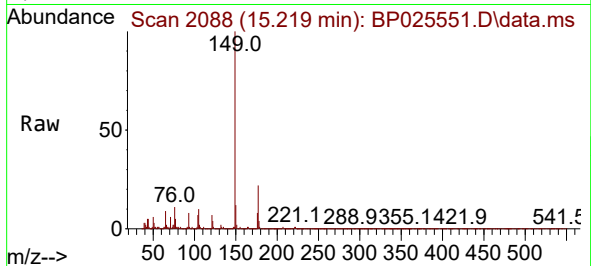




#60
Diethylphthalate
Concen: 2.453 ng
RT: 15.219 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

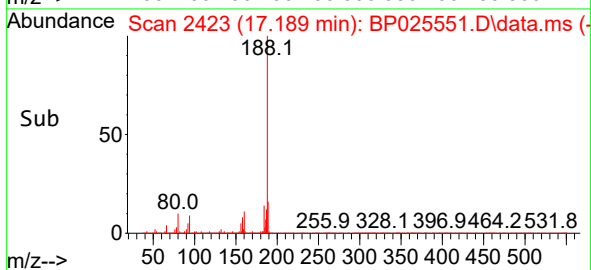
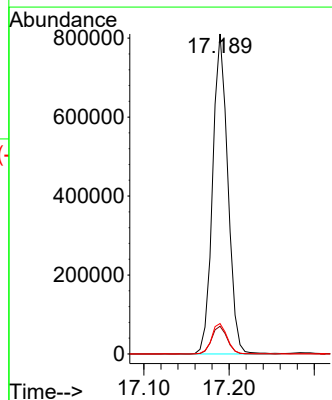
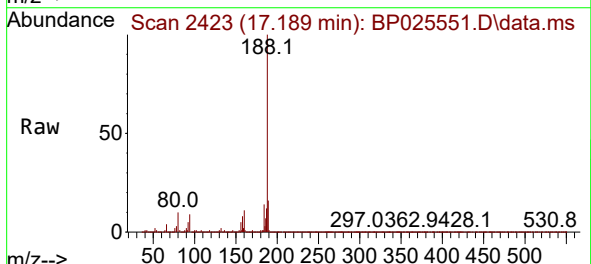
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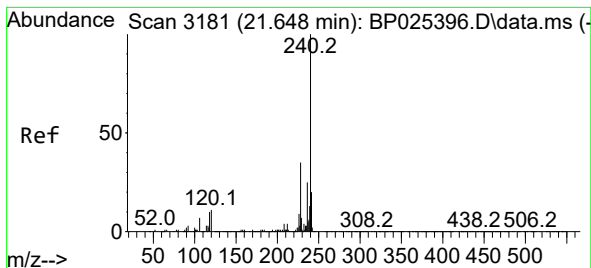
Tgt Ion:149 Resp: 87295
Ion Ratio Lower Upper
149 100
177 22.0 17.3 25.9
150 12.1 10.3 15.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

Tgt Ion:188 Resp: 1003191
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.5 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3181

Delta R.T. -0.018 min

Lab File: BP025551.D

Acq: 22 Aug 2025 16:17

Instrument :

BNA_P

ClientSampleId :

FB-02-082125

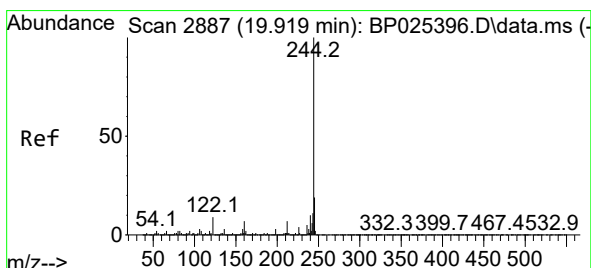
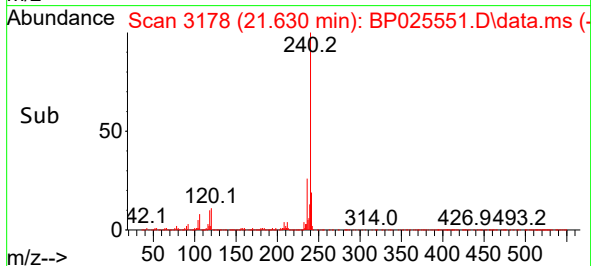
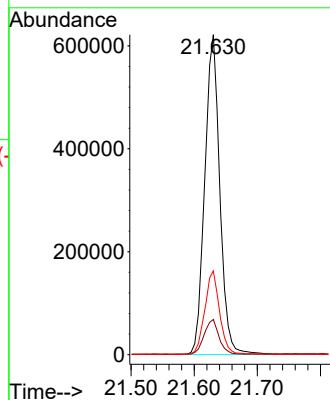
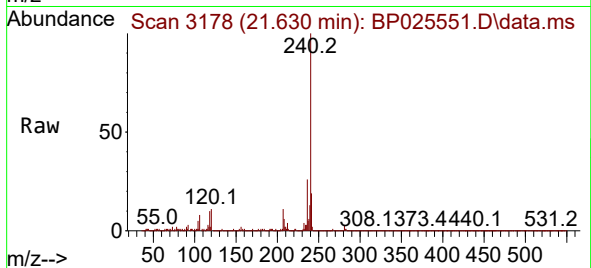
Tgt Ion:240 Resp: 1028642

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 26.2 19.8 29.8



#79

Terphenyl-d14

Concen: 80.802 ng

RT: 19.924 min Scan# 2888

Delta R.T. 0.006 min

Lab File: BP025551.D

Acq: 22 Aug 2025 16:17

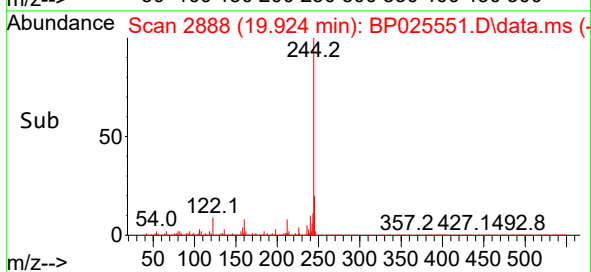
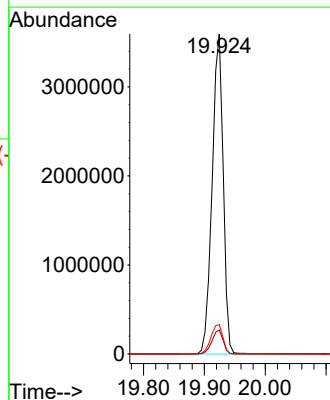
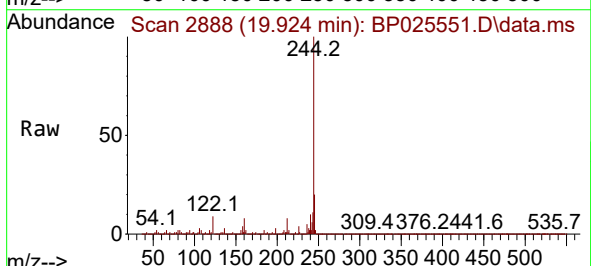
Tgt Ion:244 Resp: 4542919

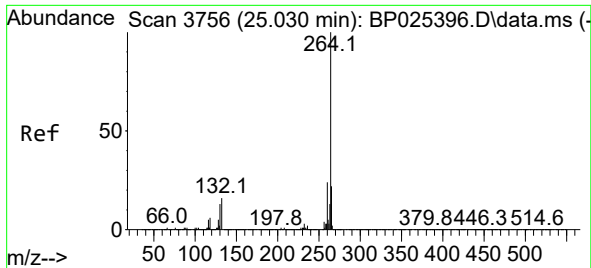
Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 9.2 7.4 11.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.007 min Scan# 31
 Delta R.T. -0.024 min
 Lab File: BP025551.D
 Acq: 22 Aug 2025 16:17

Instrument :
 BNA_P
 ClientSampleId :
 FB-02-082125

Tgt Ion:264 Resp: 1166717
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 21.7 17.4 26.0

