

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)

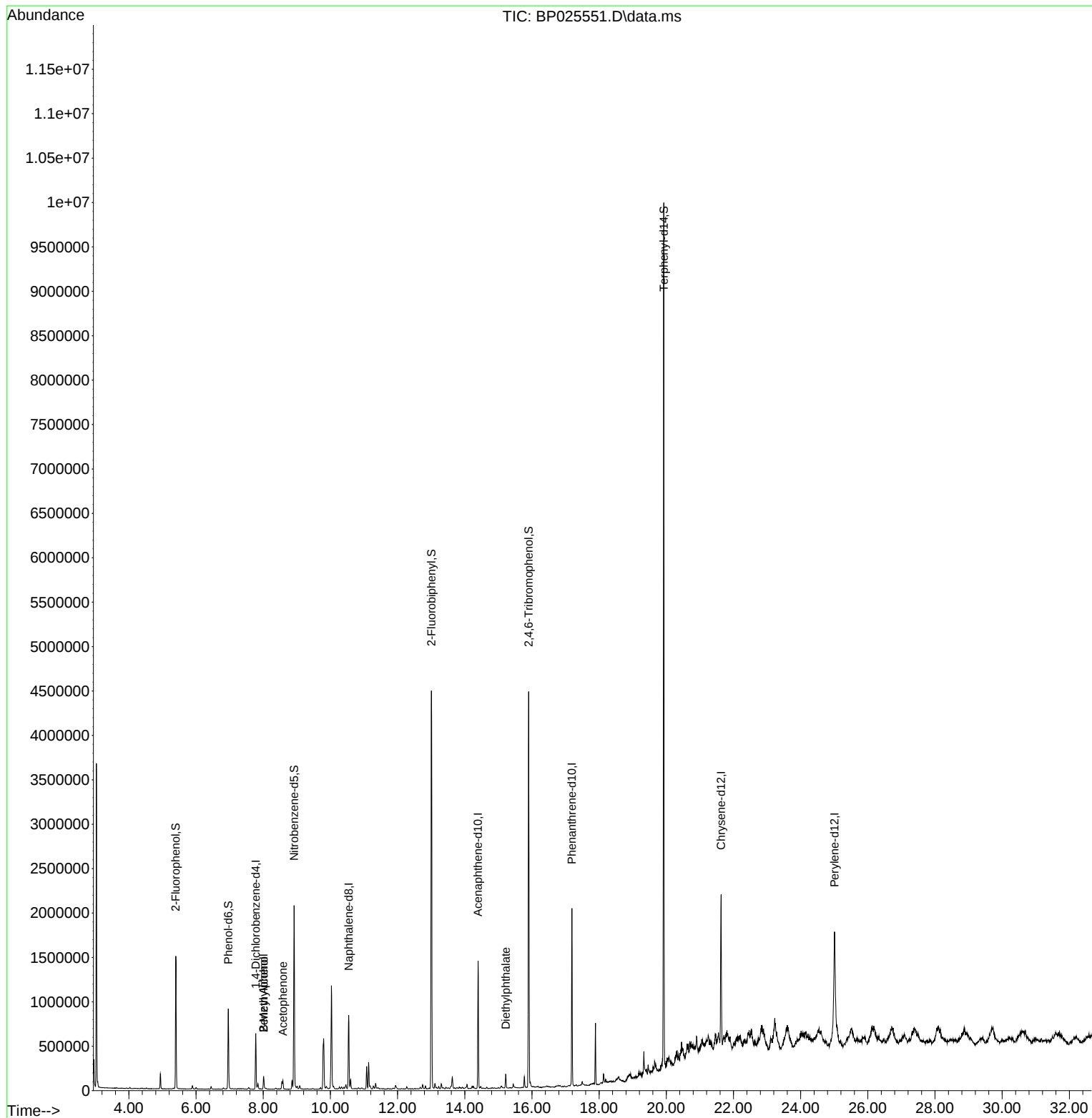
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	170389	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	707219	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	478193	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	1003191	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	1028642	20.000	ng	-0.02
86) 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						
						Qvalue
15) Benzyl Alcohol	8.013	79	53630	5.131	ng	99
17) 2-Methylphenol	8.013	107	29638	3.092	ng	# 12
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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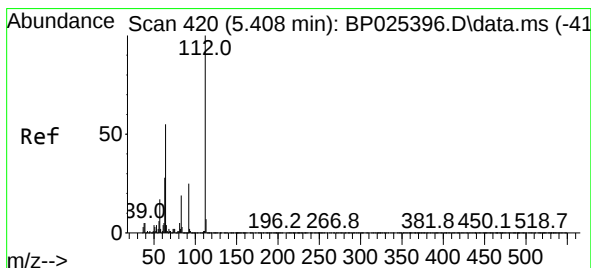
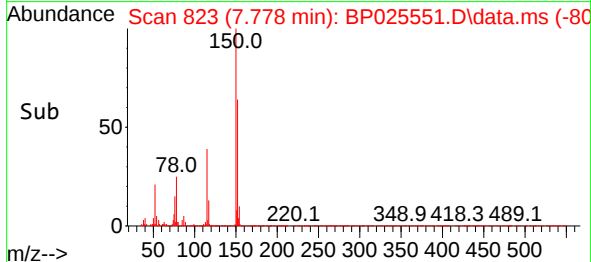
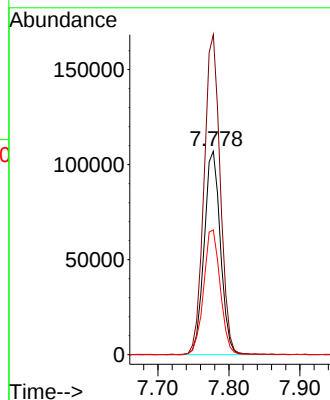
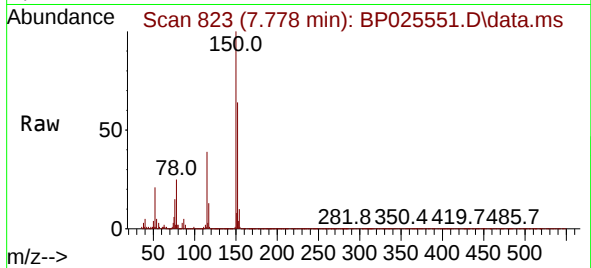




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

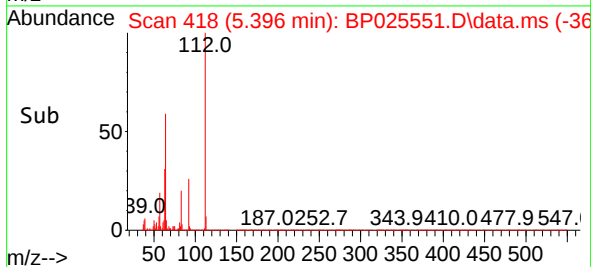
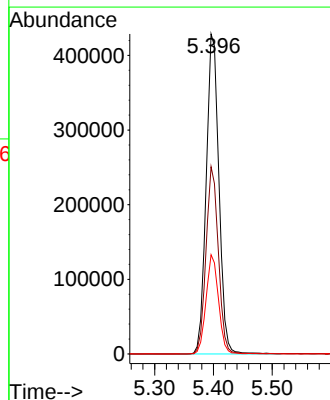
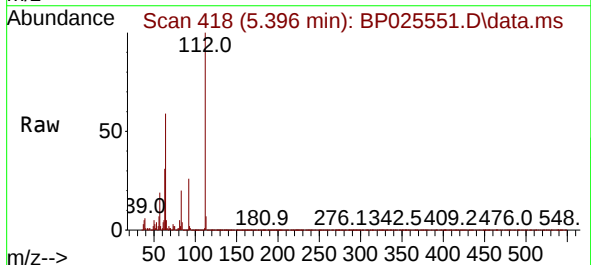
Instrument :
BNA_P
ClientSampleId :
FB-02-082125

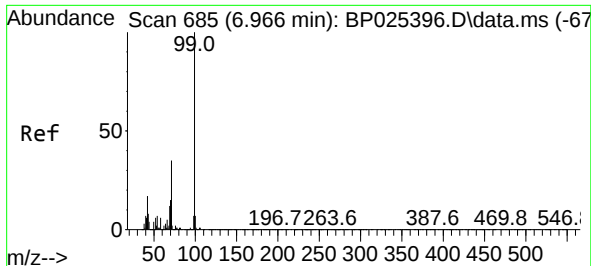
Tgt Ion:152 Resp: 170389
Ion Ratio Lower Upper
152 100
150 157.2 125.9 188.9
115 61.3 48.5 72.7



#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

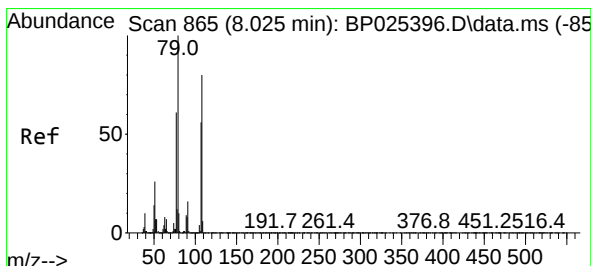
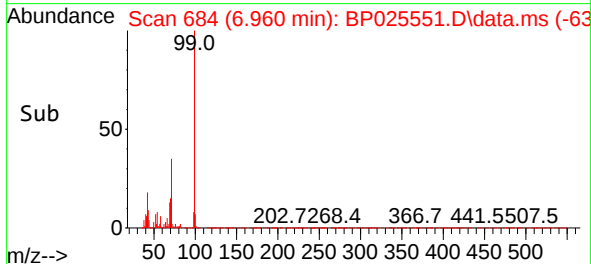
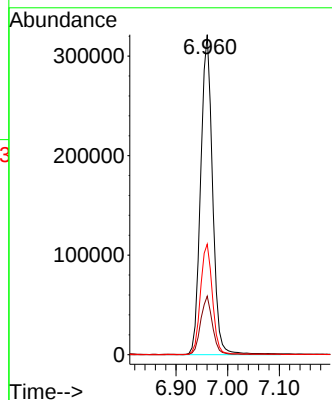
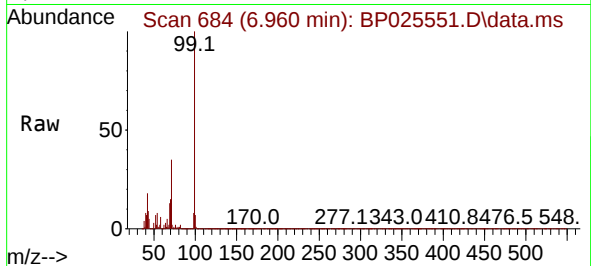




#7
Phenol-d6
Concen: 39.149 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

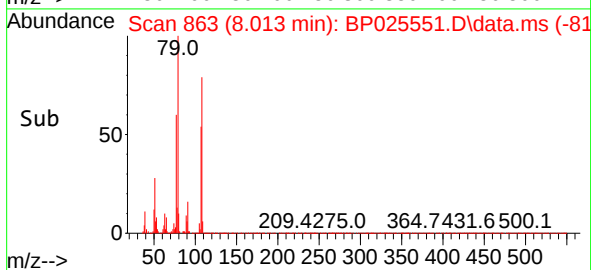
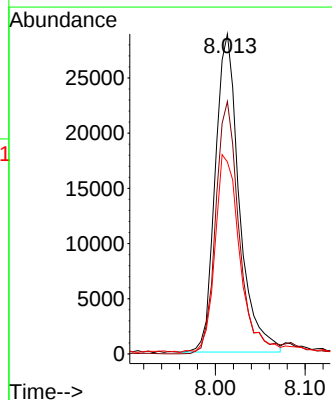
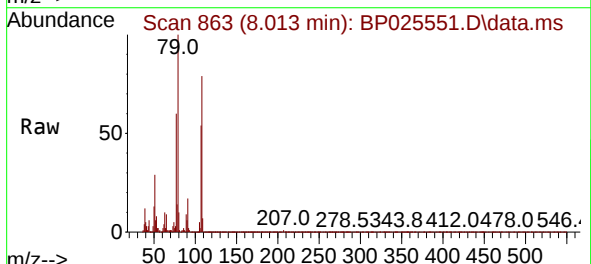
Instrument :
BNA_P
ClientSampleId :
FB-02-082125

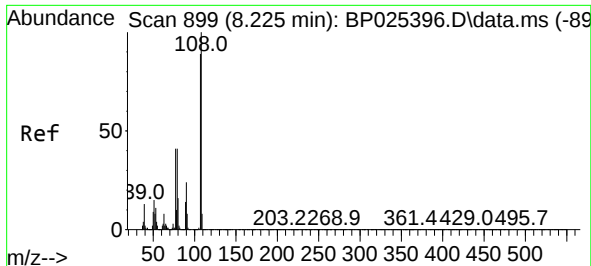
Tgt Ion: 99 Resp: 514978
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 34.5 28.2 42.4



#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

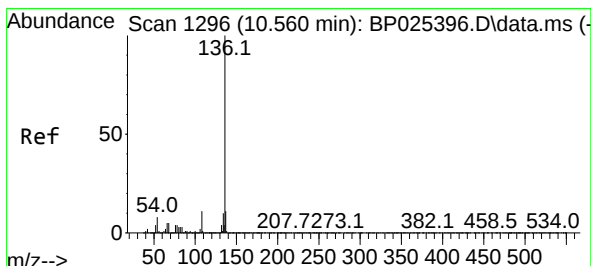
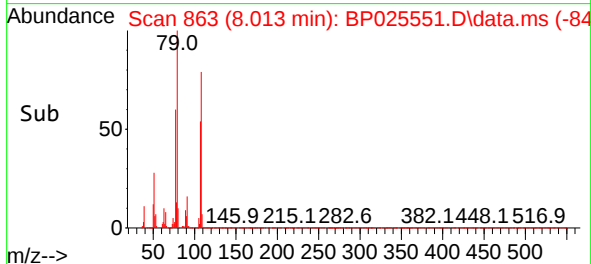
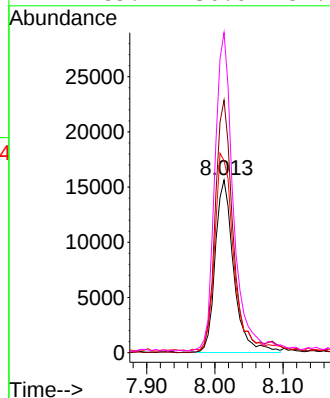
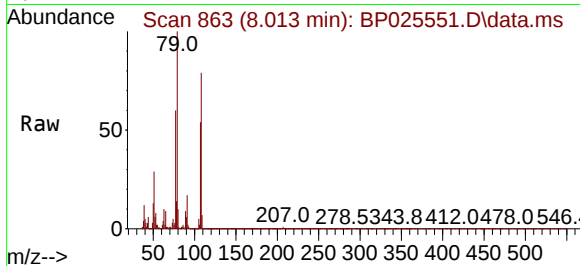




#17
2-Methylphenol
Concen: 3.092 ng
RT: 8.013 min Scan# 80
Delta R.T. -0.212 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

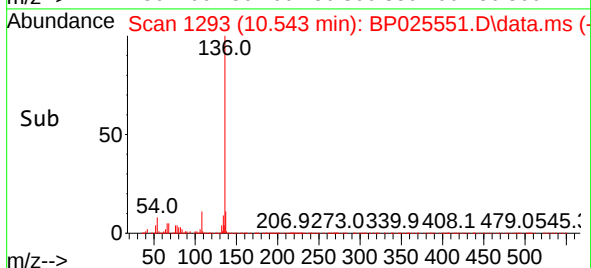
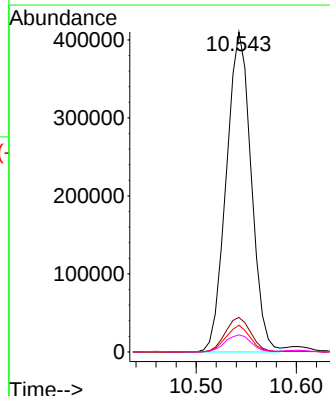
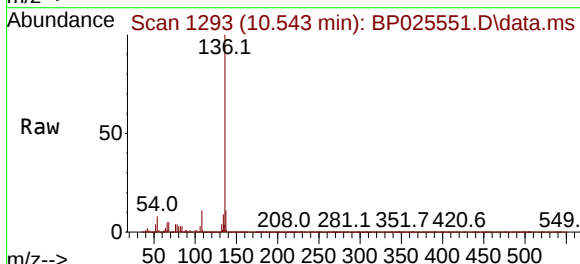
Instrument :
BNA_P
ClientSampleId :
FB-02-082125

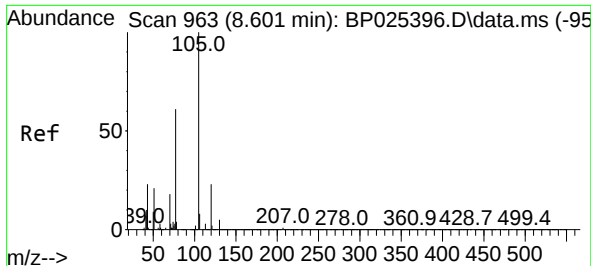
Tgt Ion:	107	Resp:	29638
Ion	Ratio	Lower	Upper
107	100		
108	146.3	89.4	134.0#
77	111.2	36.3	54.5#
79	185.4	36.6	54.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

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

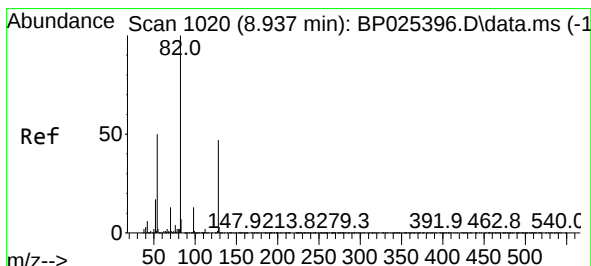
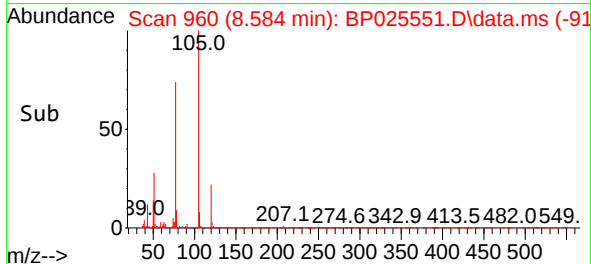
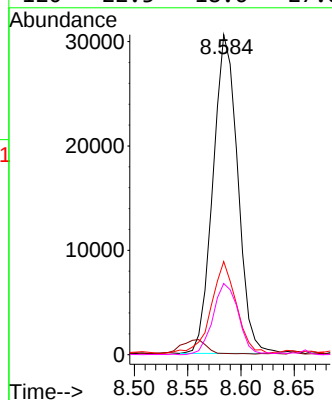
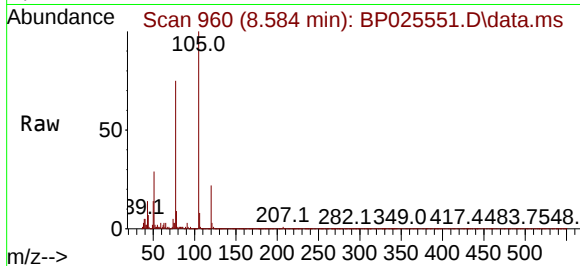




#22
Acetophenone
Concen: 2.776 ng
RT: 8.584 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

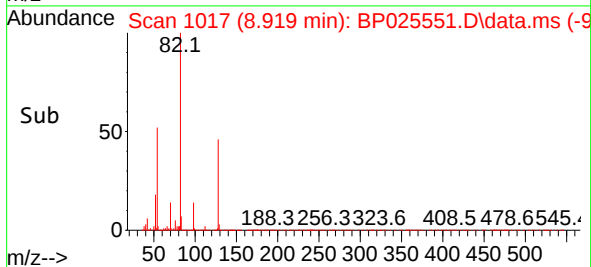
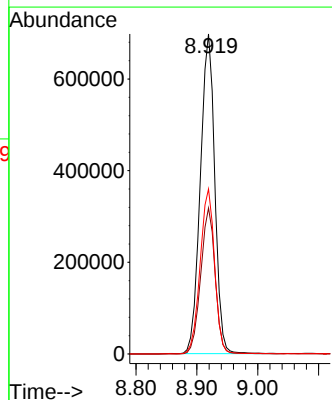
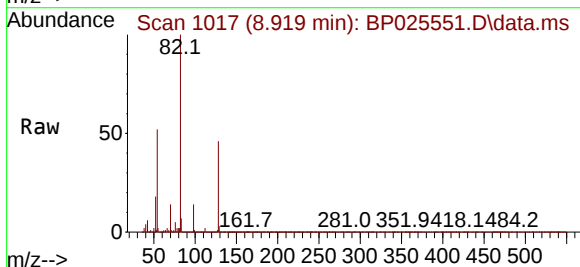
Instrument :
BNA_P
ClientSampleId :
FB-02-082125

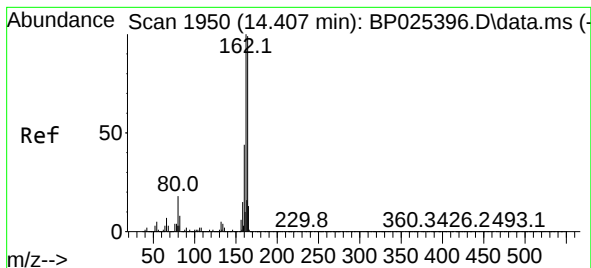
Tgt Ion:	105	Resp:	49233
Ion	Ratio	Lower	Upper
105	100		
71	0.4	2.6	4.0#
51	29.1	20.6	30.8
120	22.3	18.6	27.8



#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

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

Instrument :

BNA_P

ClientSampleId :

FB-02-082125

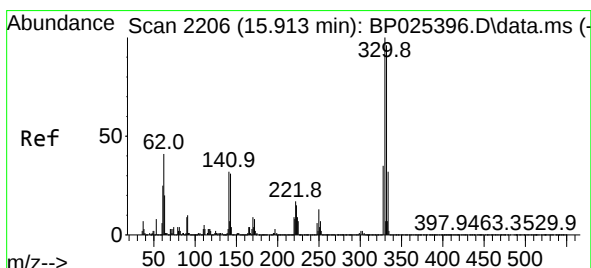
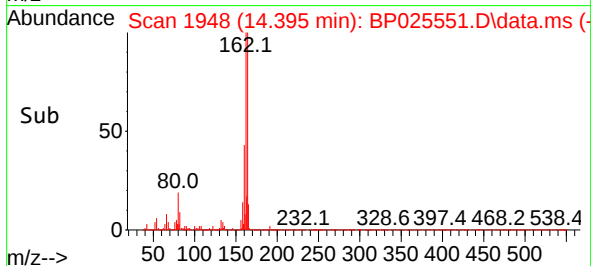
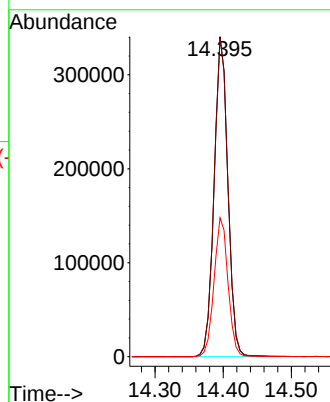
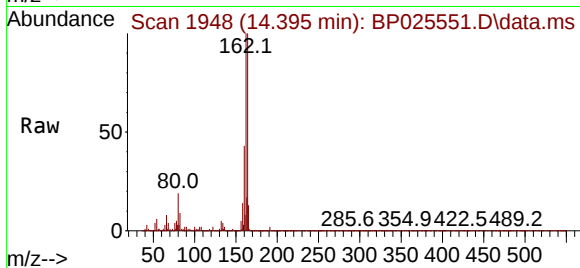
Tgt Ion:164 Resp: 478193

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# 2204

Delta R.T. -0.012 min

Lab File: BP025551.D

Acq: 22 Aug 2025 16:17

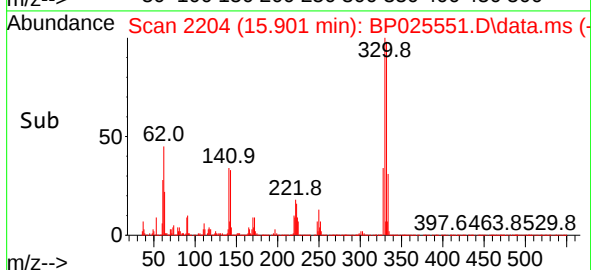
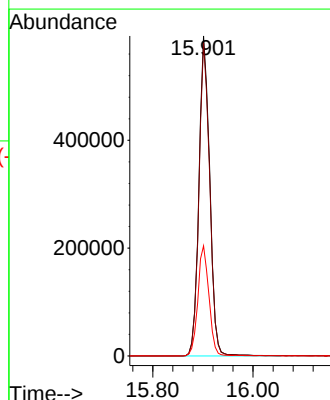
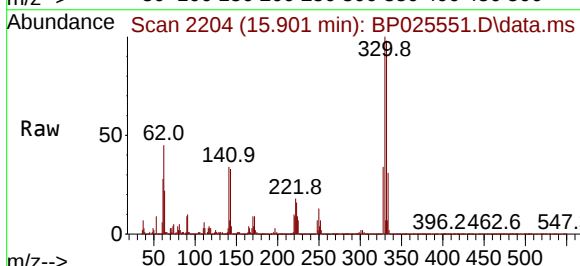
Tgt Ion:330 Resp: 888954

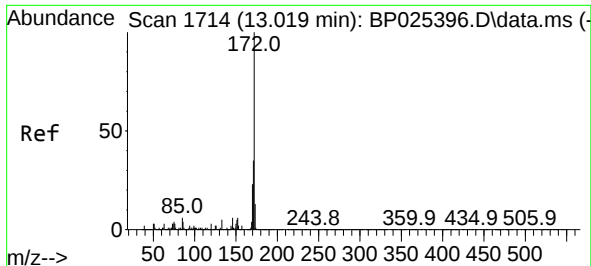
Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 34.9 26.6 39.8

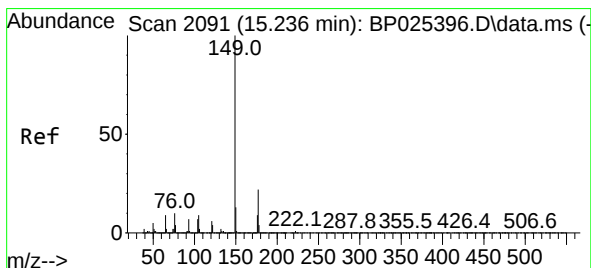
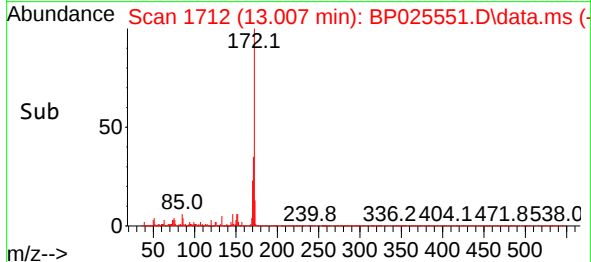
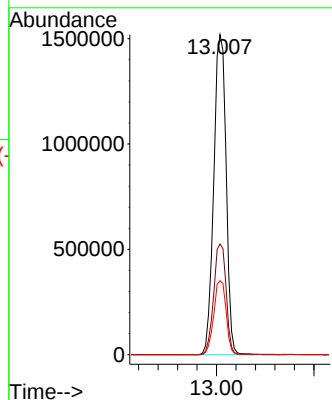
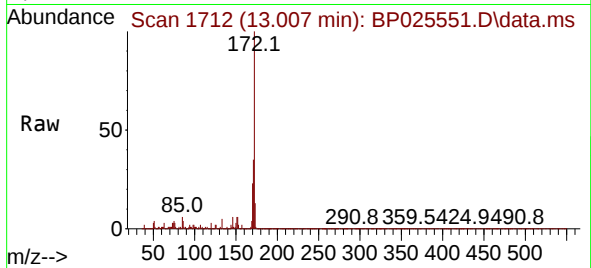




#45
2-Fluorobiphenyl
Concen: 76.106 ng
RT: 13.007 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

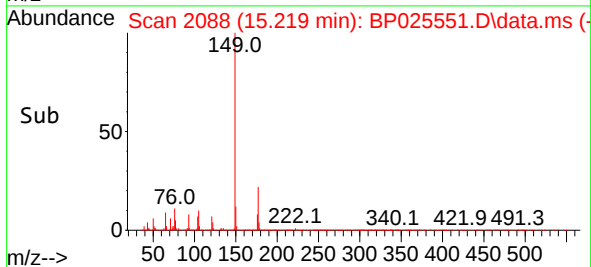
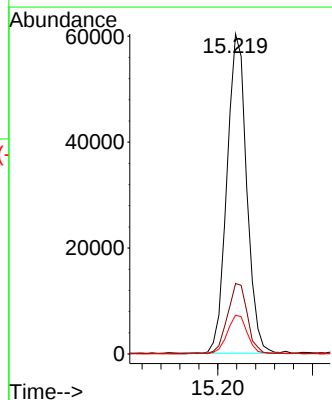
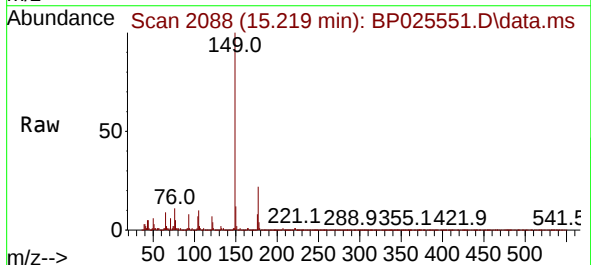
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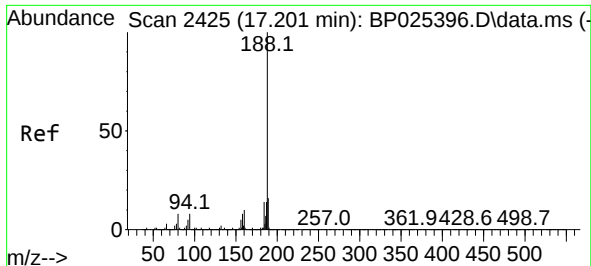
Tgt Ion:172 Resp: 2662899
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.1 18.6 28.0



#60
Diethylphthalate
Concen: 2.453 ng
RT: 15.219 min Scan# 2088
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

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

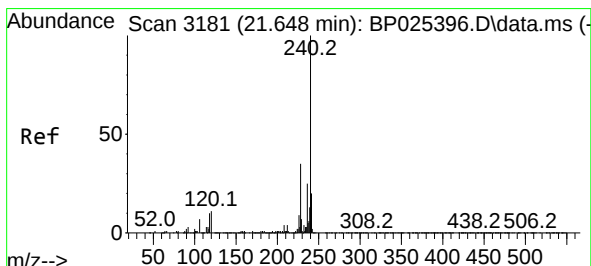
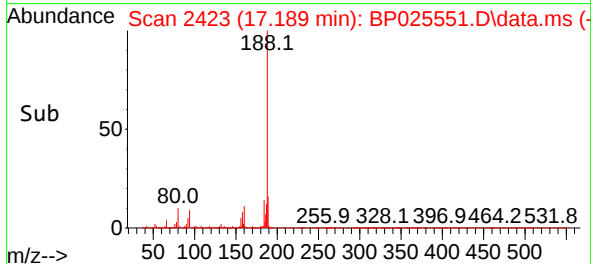
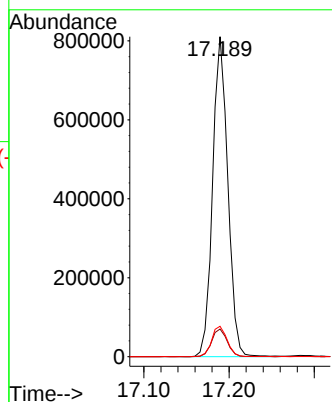
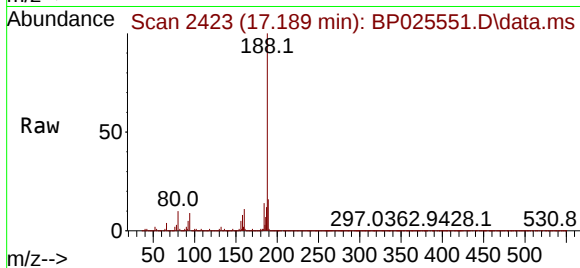




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

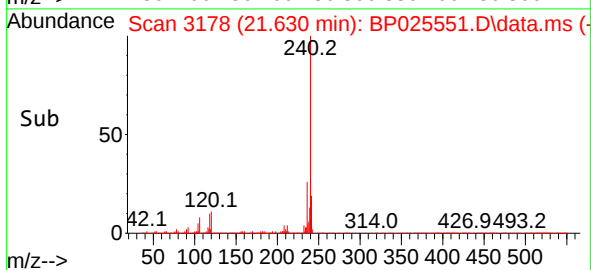
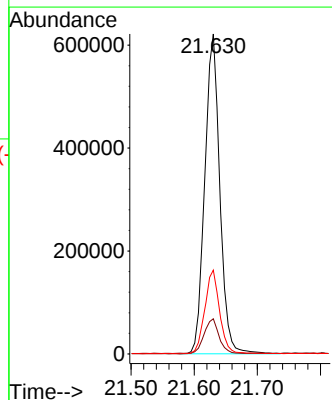
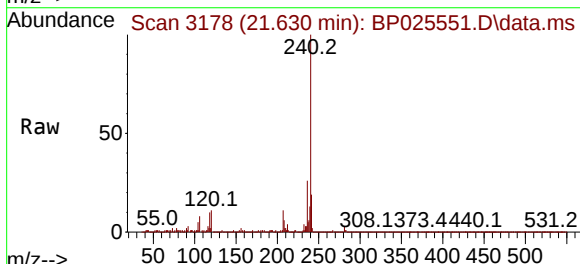
Instrument :
BNA_P
ClientSampleId :
FB-02-082125

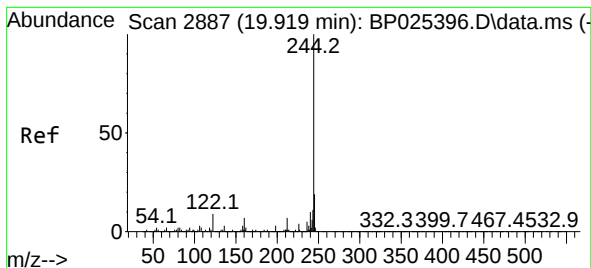
Tgt Ion:188 Resp: 1003191
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.5 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025551.D
Acq: 22 Aug 2025 16:17

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# 21

Delta R.T. 0.006 min

Lab File: BP025551.D

Acq: 22 Aug 2025 16:17

Instrument :

BNA_P

ClientSampleId :

FB-02-082125

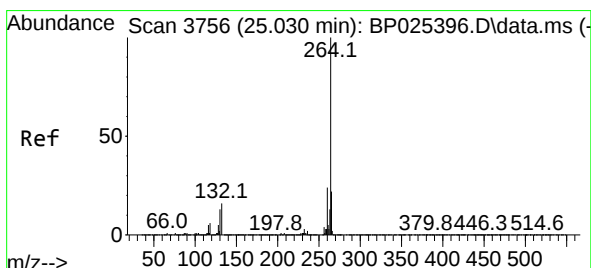
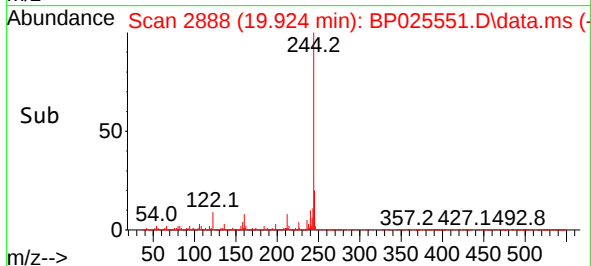
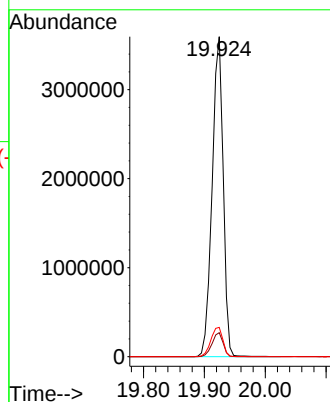
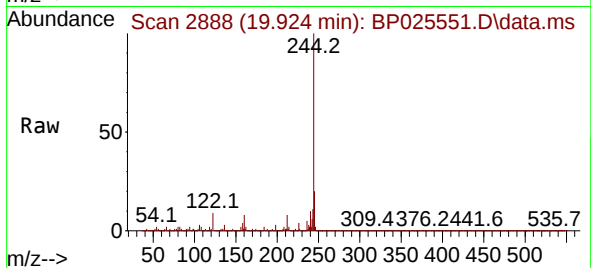
Tgt Ion:244 Resp: 4542919

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# 3752

Delta R.T. -0.024 min

Lab File: BP025551.D

Acq: 22 Aug 2025 16:17

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

