

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025460.D
 Acq On : 18 Aug 2025 14:09
 Operator : CG/JU
 Sample : Q2864-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 18 14:59:23 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)

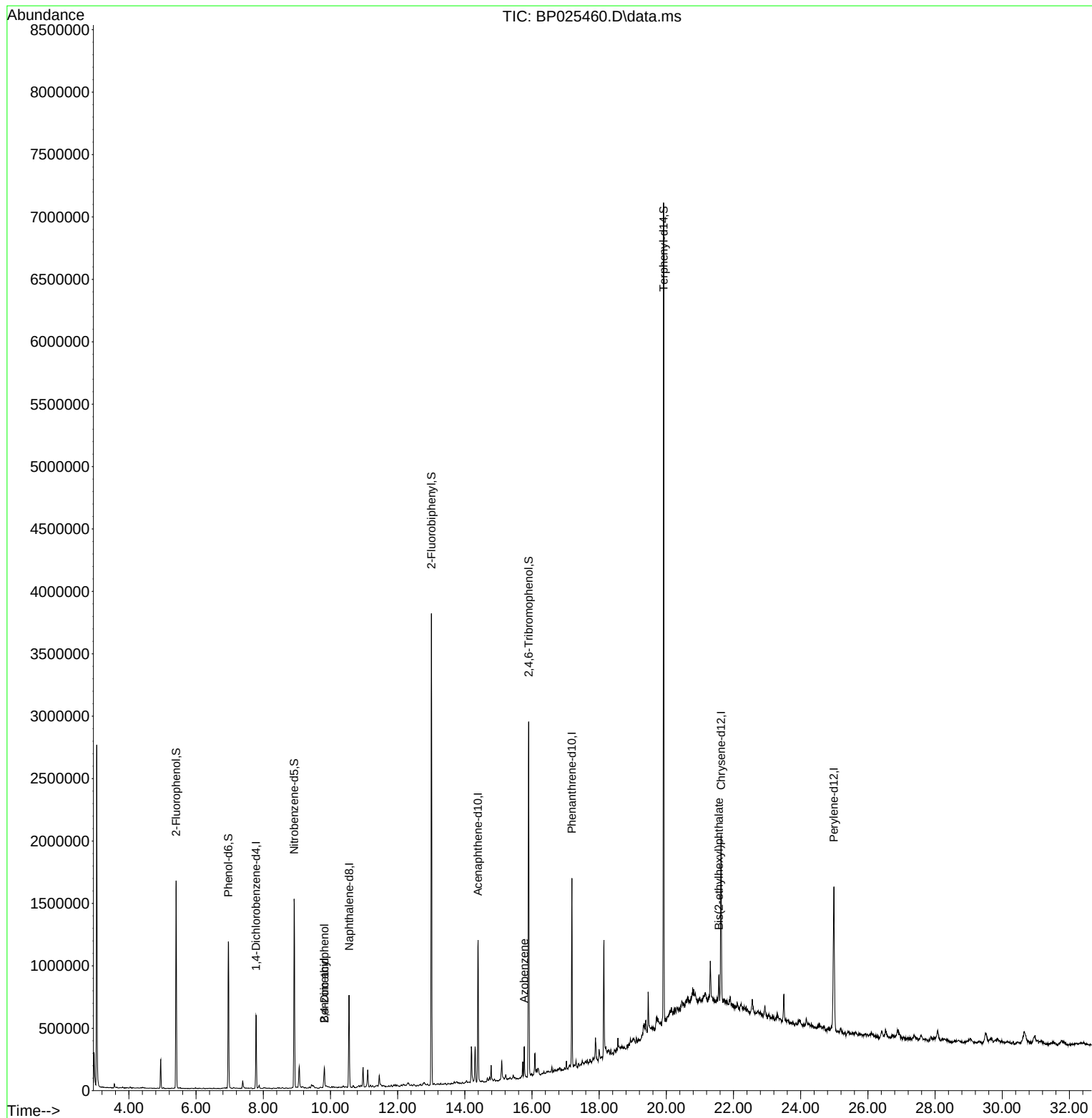
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	159904	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	630244	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	385795	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	769383	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	871399	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1043309	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	728179	75.626	ng	0.00
7) Phenol-d6	6.960	99	684531	55.451	ng	0.00
23) Nitrobenzene-d5	8.919	82	867242	69.608	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	591712	113.948	ng	-0.01
45) 2-Fluorobiphenyl	13.007	172	1848358	65.478	ng	-0.01
79) Terphenyl-d14	19.918	244	3149945	66.136	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.819	122	71161	7.241	ng	# 3
32) Benzoic acid	9.819	122	71161	9.808	ng	94
63) Azobenzene	15.766	77	63390	2.579	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.565	149	105609	2.795	ng	99

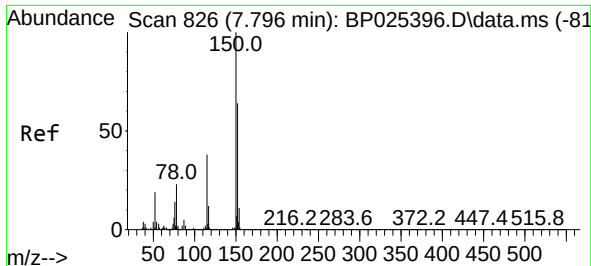
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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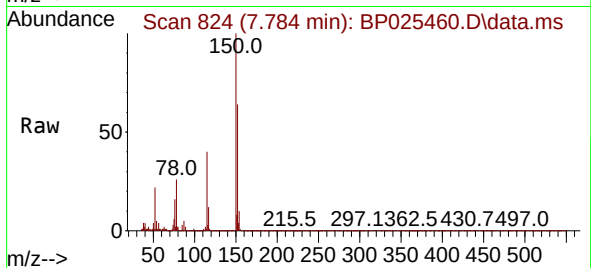
Quant Time: Aug 18 14:59:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



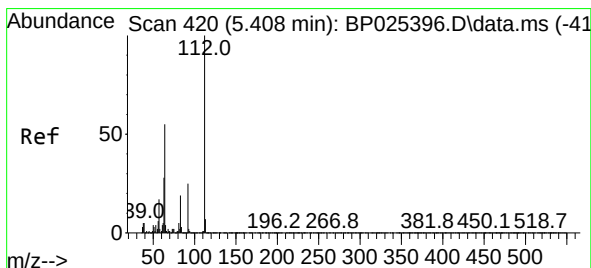
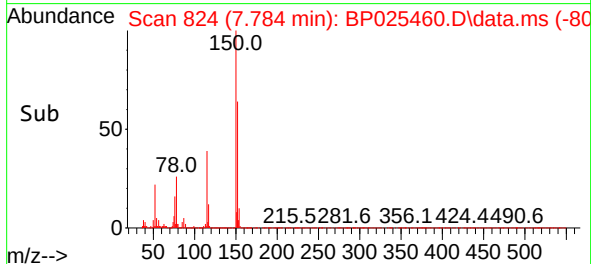
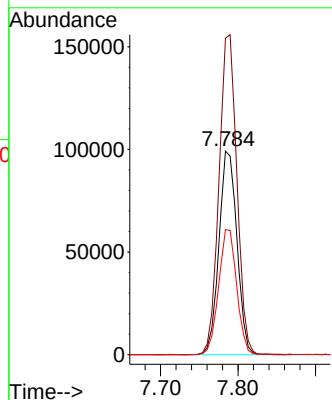


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.784 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BP025460.D
 Acq: 18 Aug 2025 14:09

Instrument :
 BNA_P
 ClientSampleId :

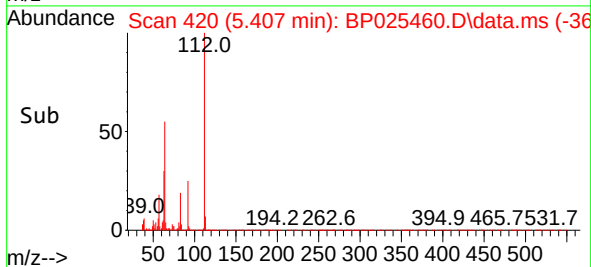
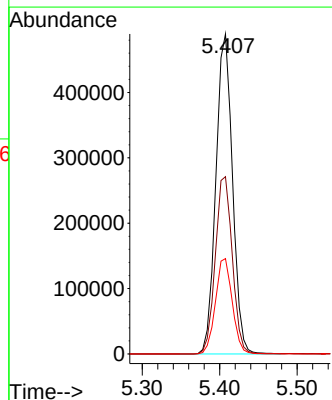
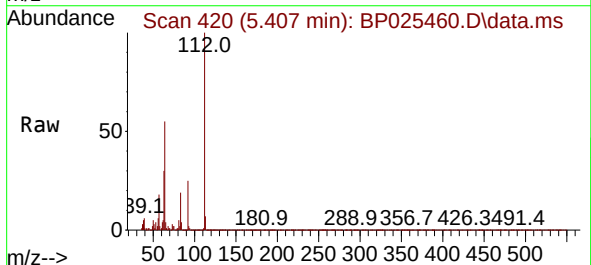


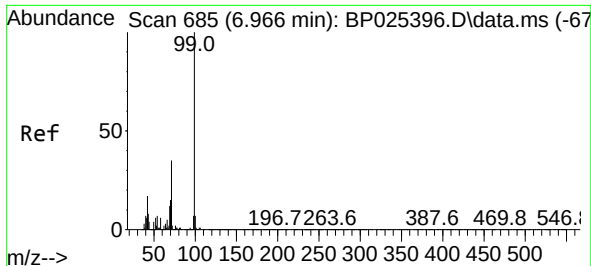
Tgt Ion:152 Resp: 159904
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.9 188.9
 115 61.4 48.5 72.7



#5
 2-Fluorophenol
 Concen: 75.626 ng
 RT: 5.407 min Scan# 420
 Delta R.T. -0.000 min
 Lab File: BP025460.D
 Acq: 18 Aug 2025 14:09

Tgt Ion:112 Resp: 728179
 Ion Ratio Lower Upper
 112 100
 64 55.4 43.8 65.8
 63 29.8 22.7 34.1

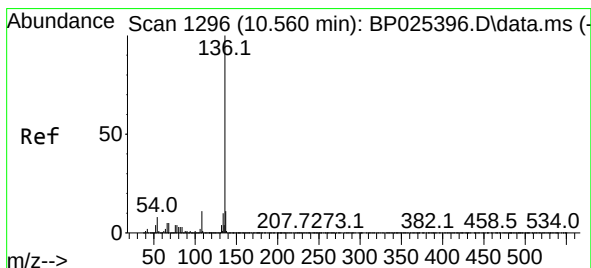
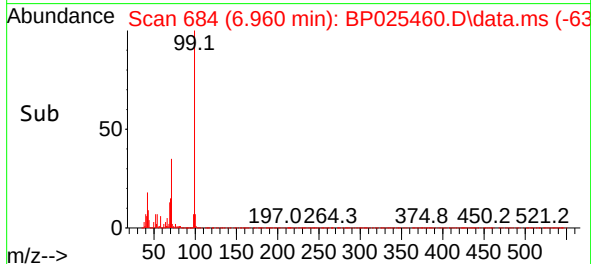
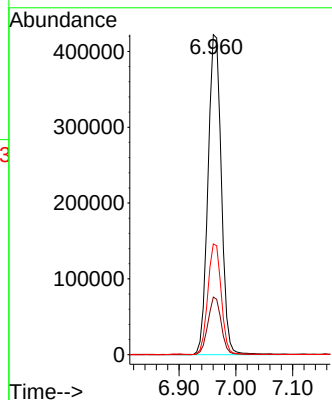
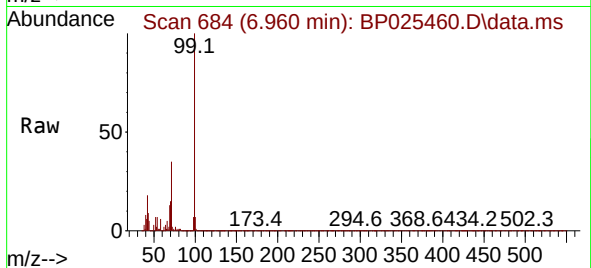




#7
Phenol-d6
Concen: 55.451 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025460.D
Acq: 18 Aug 2025 14:09

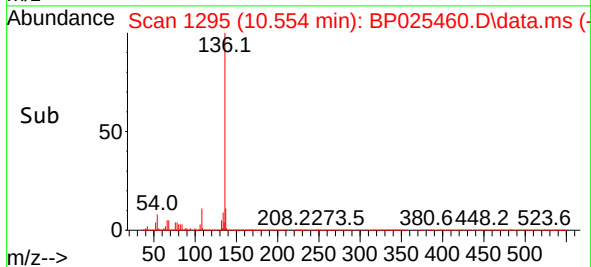
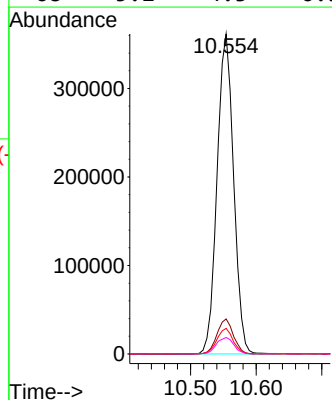
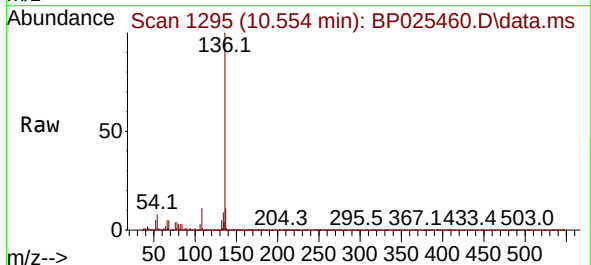
Instrument :
BNA_P
ClientSampleId :

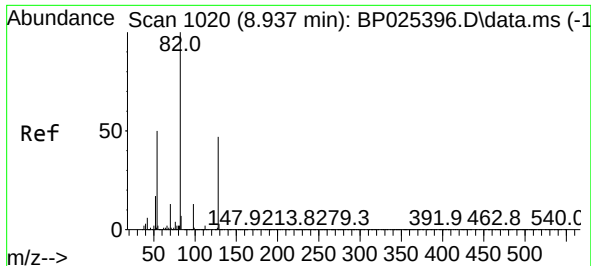
Tgt Ion: 99 Resp: 684531
Ion Ratio Lower Upper
99 100
42 18.0 13.7 20.5
71 34.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025460.D
Acq: 18 Aug 2025 14:09

Tgt Ion: 136 Resp: 630244
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.0 6.0 9.0
68 5.2 4.3 6.5

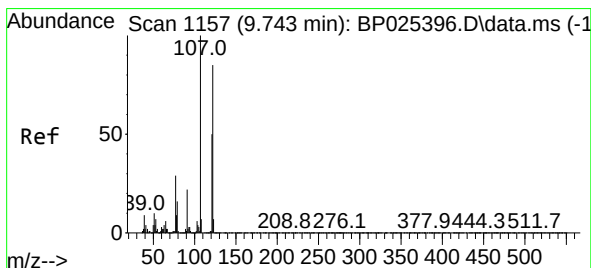
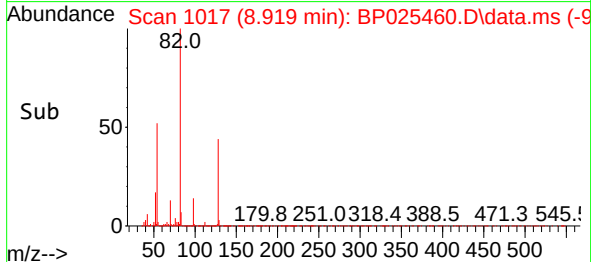
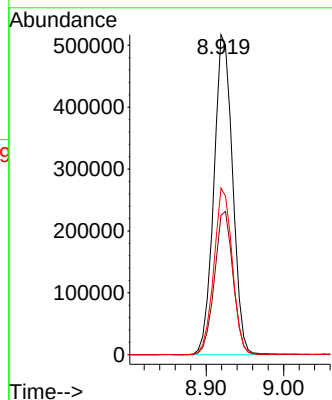
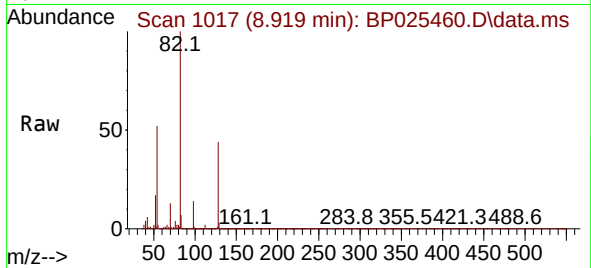




#23
Nitrobenzene-d5
Concen: 69.608 ng
RT: 8.919 min Scan# 1170
Delta R.T. -0.018 min
Lab File: BP025460.D
Acq: 18 Aug 2025 14:09

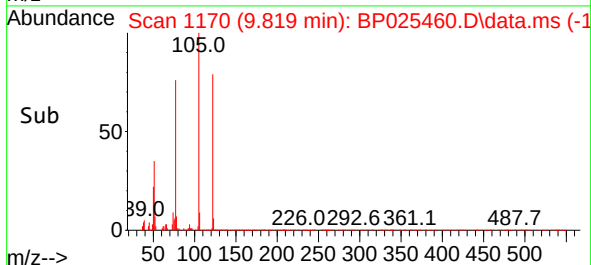
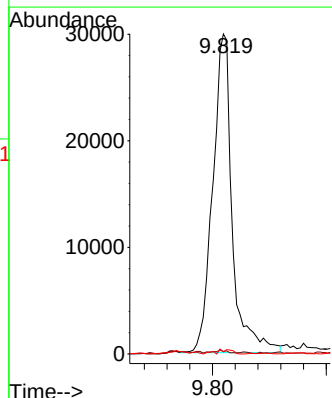
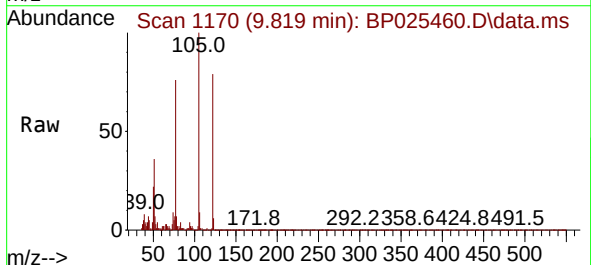
Instrument :
BNA_P
ClientSampleId :

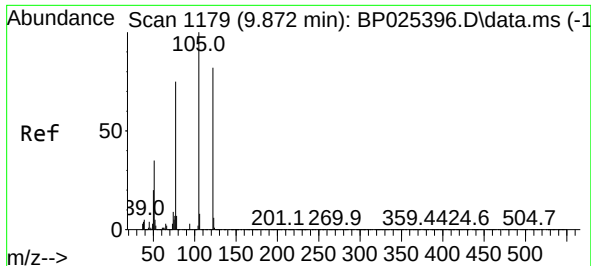
Tgt Ion: 82 Resp: 867242
Ion Ratio Lower Upper
82 100
128 43.6 37.7 56.5
54 52.1 39.8 59.6



#27
2,4-Dimethylphenol
Concen: 7.241 ng
RT: 9.819 min Scan# 1170
Delta R.T. 0.076 min
Lab File: BP025460.D
Acq: 18 Aug 2025 14:09

Tgt Ion:122 Resp: 71161
Ion Ratio Lower Upper
122 100
107 0.8 93.7 140.5#
121 0.7 46.6 69.8#

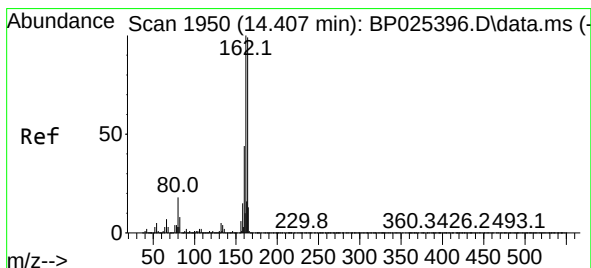
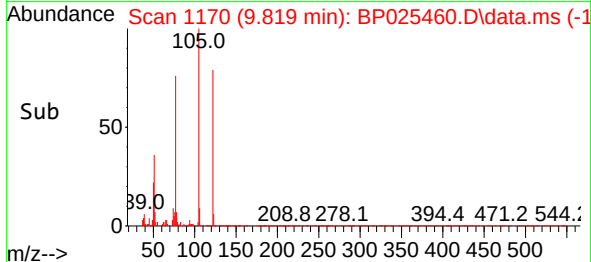
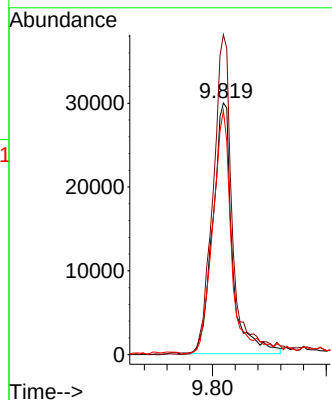
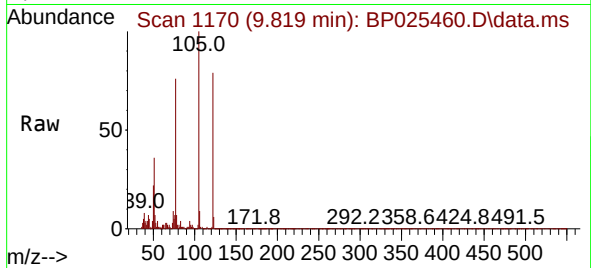




#32
Benzoic acid
Concen: 9.808 ng
RT: 9.819 min Scan# 1170
Delta R.T. -0.053 min
Lab File: BP025460.D
Acq: 18 Aug 2025 14:09

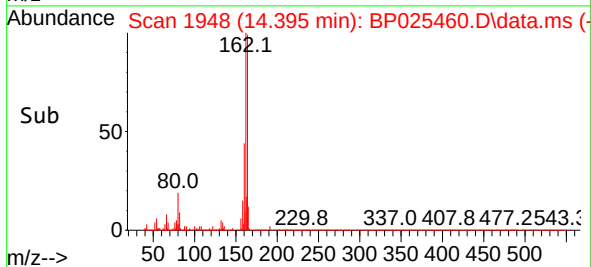
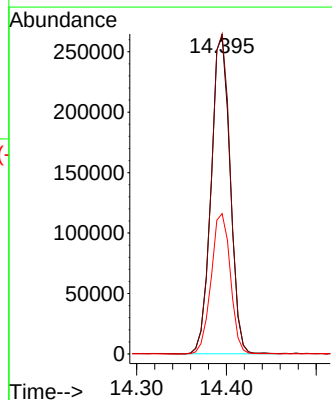
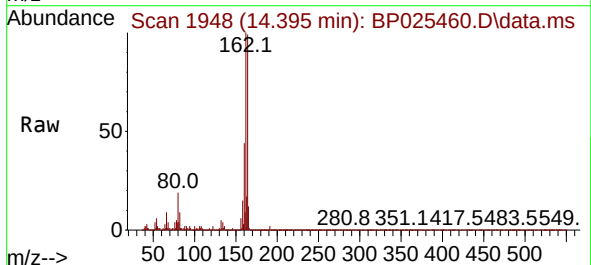
Instrument :
BNA_P
ClientSampleId :

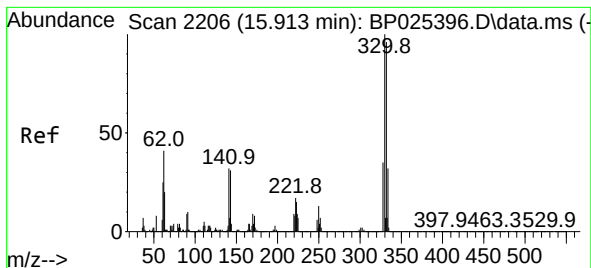
Tgt Ion:	122	Resp:	71161
Ion	Ratio	Lower	Upper
122	100		
105	127.2	100.6	140.6
77	97.1	71.5	111.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025460.D
Acq: 18 Aug 2025 14:09

Tgt Ion:	164	Resp:	385795
Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.0	121.6
160	44.2	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 113.948 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025460.D

Acq: 18 Aug 2025 14:09

Instrument :

BNA_P

ClientSampleId :

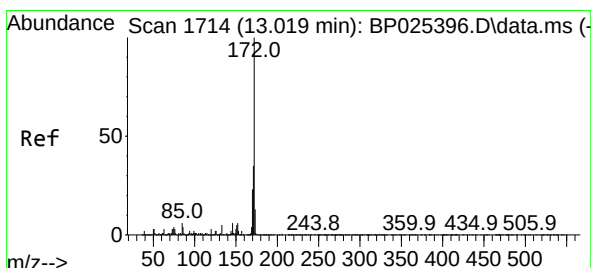
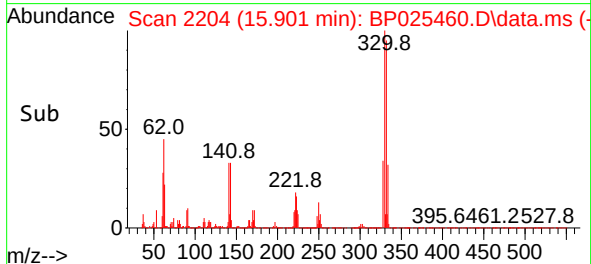
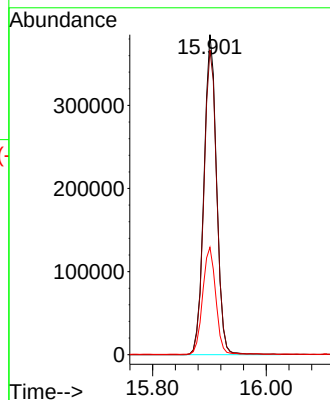
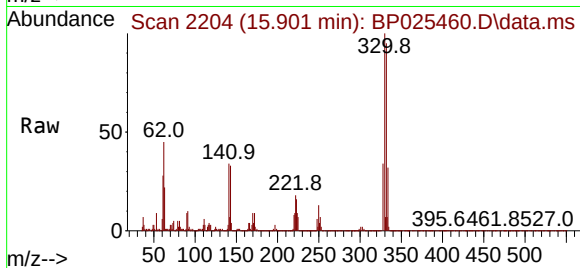
Tgt Ion:330 Resp: 591712

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 34.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 65.478 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025460.D

Acq: 18 Aug 2025 14:09

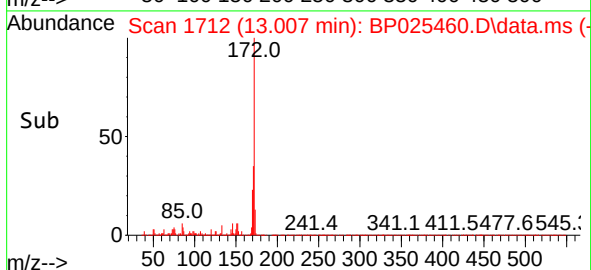
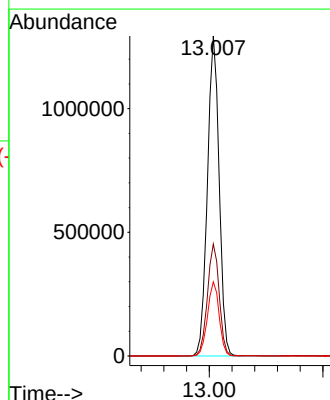
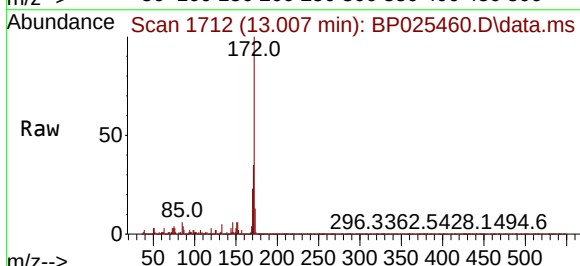
Tgt Ion:172 Resp: 1848358

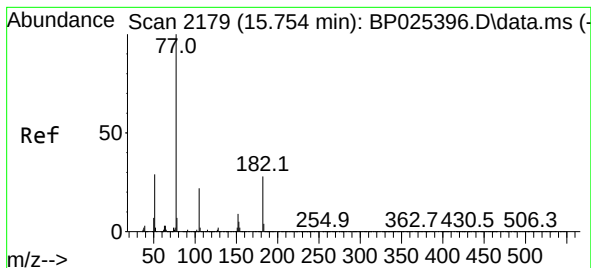
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.2 18.6 28.0





#63

Azobenzene

Concen: 2.579 ng

RT: 15.766 min Scan# 2179

Delta R.T. 0.012 min

Lab File: BP025460.D

Acq: 18 Aug 2025 14:09

Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 77 Resp: 63390

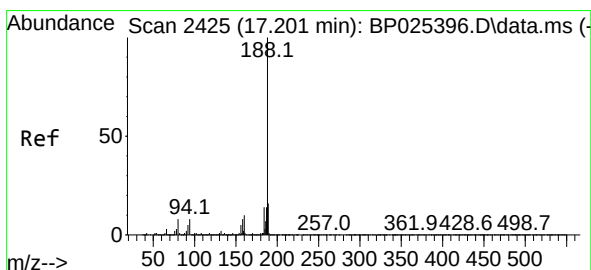
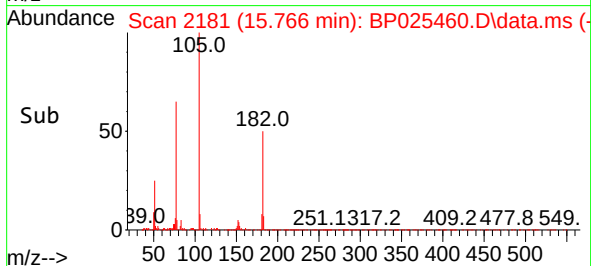
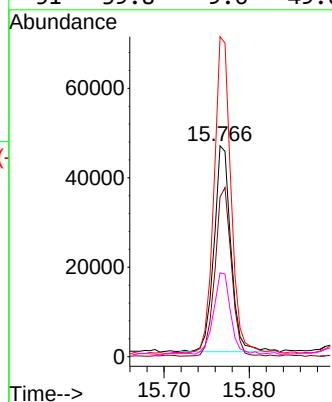
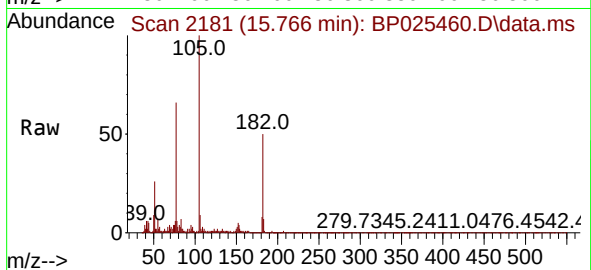
Ion Ratio Lower Upper

77 100

182 75.8 7.5 47.5#

105 151.8 2.1 42.1#

51 39.8 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BP025460.D

Acq: 18 Aug 2025 14:09

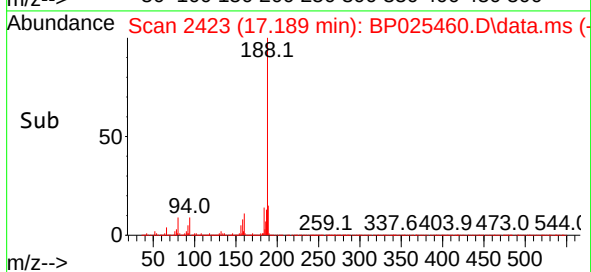
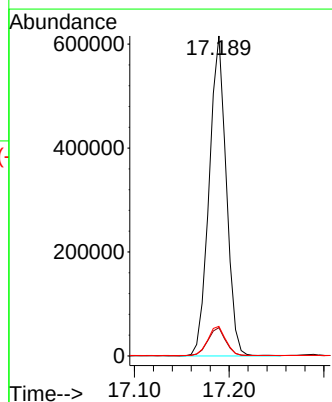
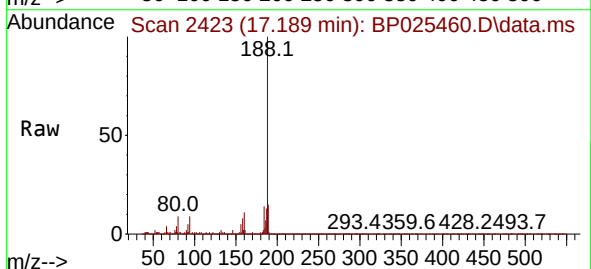
Tgt Ion: 188 Resp: 769383

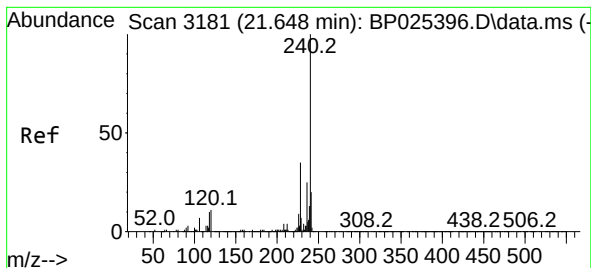
Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.3 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025460.D

Acq: 18 Aug 2025 14:09

Instrument :

BNA_P

ClientSampleId :

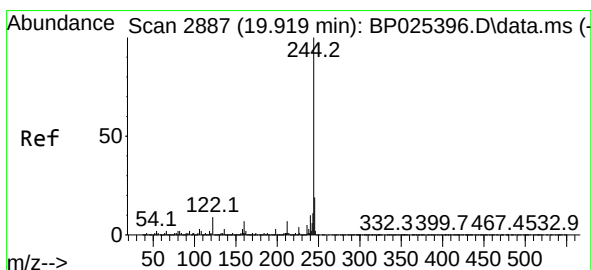
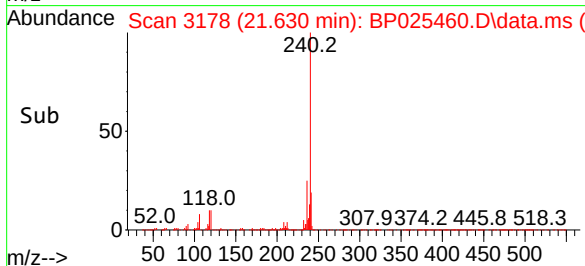
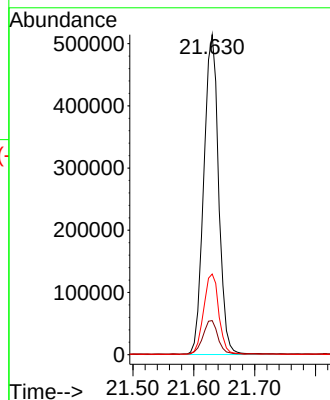
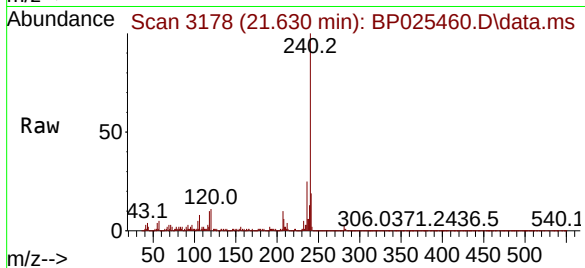
Tgt Ion:240 Resp: 871399

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 25.2 19.8 29.8



#79

Terphenyl-d14

Concen: 66.136 ng

RT: 19.918 min Scan# 2887

Delta R.T. -0.000 min

Lab File: BP025460.D

Acq: 18 Aug 2025 14:09

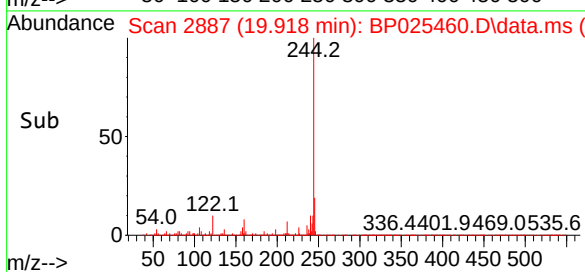
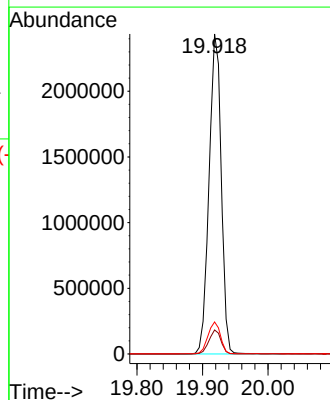
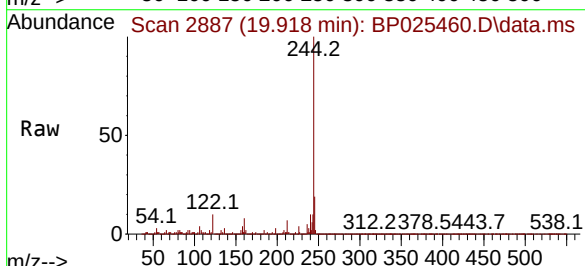
Tgt Ion:244 Resp: 3149945

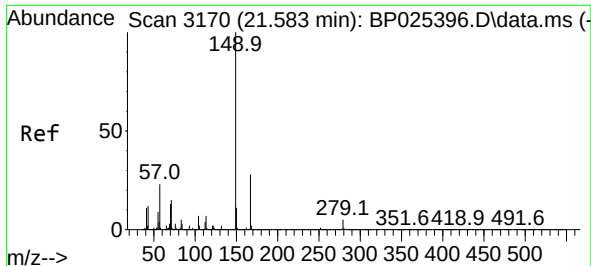
Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 10.0 7.4 11.2

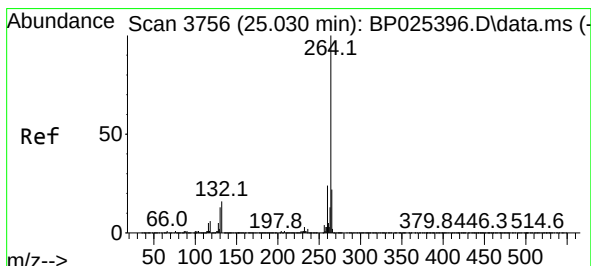
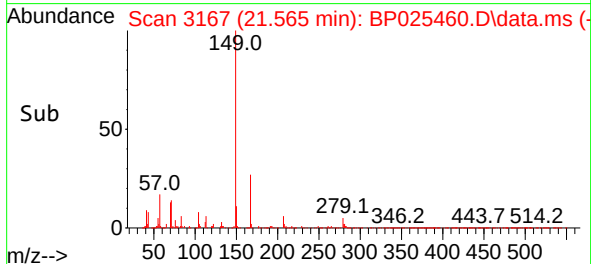
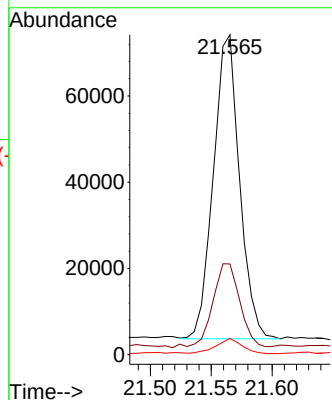
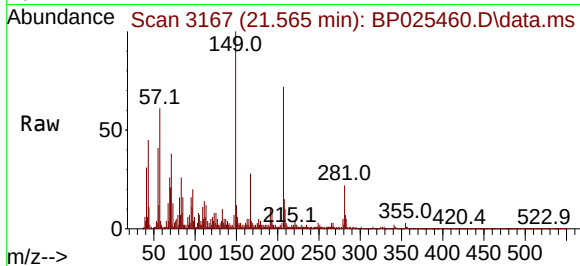




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.795 ng
RT: 21.565 min Scan# 3170
Delta R.T. -0.018 min
Lab File: BP025460.D
Acq: 18 Aug 2025 14:09

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 105609
Ion Ratio Lower Upper
149 100
167 28.3 22.1 33.1
279 5.1 3.8 5.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.041 min
Lab File: BP025460.D
Acq: 18 Aug 2025 14:09

Tgt Ion:264 Resp: 1043309
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 21.4 17.4 26.0

