

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
 Data File : BP025759.D
 Acq On : 16 Sep 2025 15:50
 Operator : CG/JU
 Sample : Q3091-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 12/9B-COMP

Quant Time: Sep 16 16:12:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

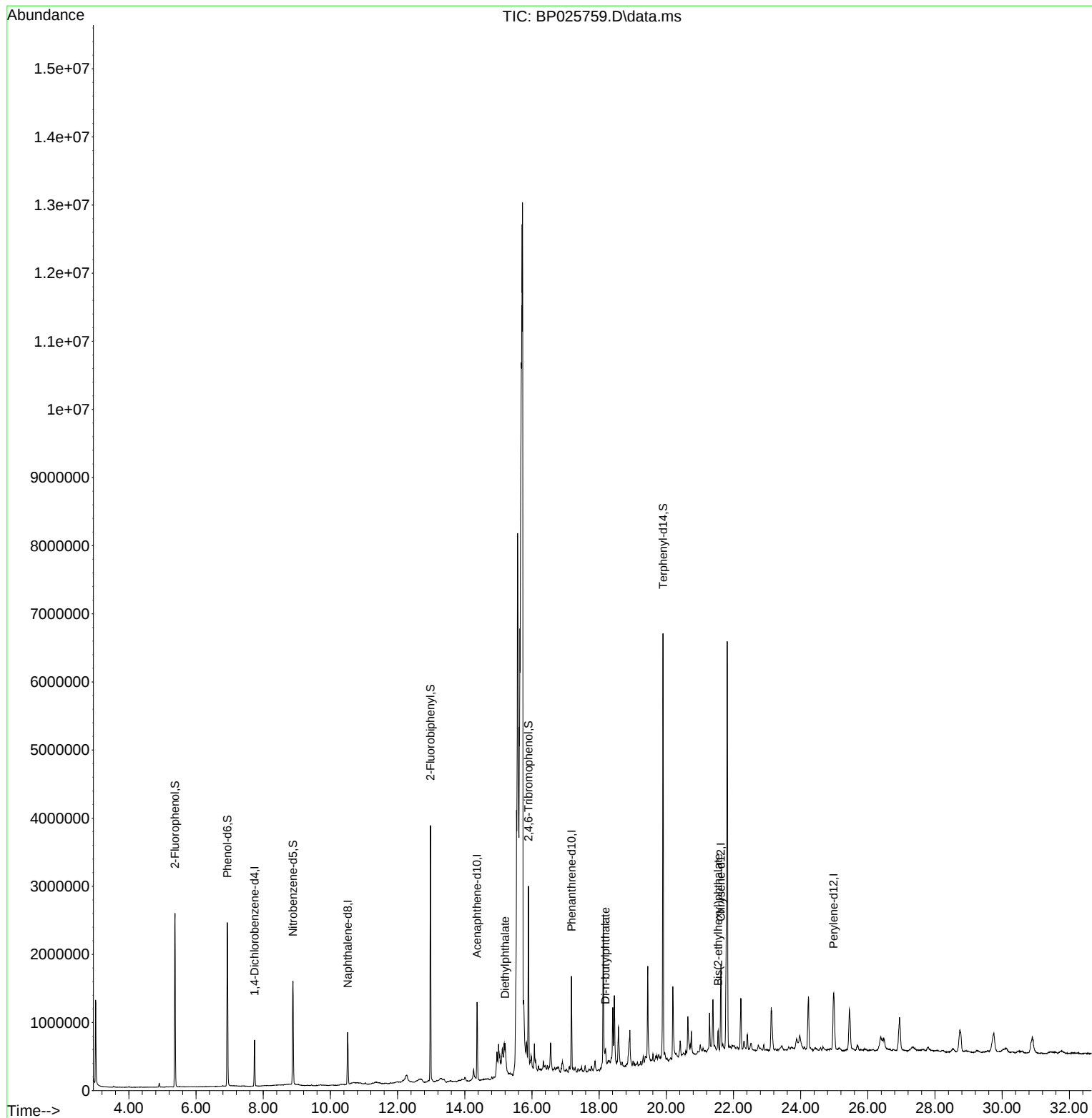
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	173219	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	661026	20.000	ng	-0.01
39) Acenaphthene-d10	14.366	164	408662	20.000	ng	-0.01
64) Phenanthrene-d10	17.178	188	791748	20.000	ng	0.00
76) Chrysene-d12	21.625	240	861581	20.000	ng	-0.02
86) Perylene-d12	24.983	264	989974	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	1073908	100.035	ng	-0.01
7) Phenol-d6	6.931	99	1384191	97.006	ng	-0.02
23) Nitrobenzene-d5	8.884	82	893297	59.611	ng	-0.02
42) 2,4,6-Tribromophenol	15.895	330	477654	93.708	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	1801405	58.694	ng	-0.01
79) Terphenyl-d14	19.901	244	2972950	62.075	ng	-0.01
Target Compounds						
						Qvalue
60) Diethylphthalate	15.201	149	153225	4.842	ng	99
74) Di-n-butylphthalate	18.189	149	211050	4.059	ng	99
84) Bis(2-ethylhexyl)phtha...	21.542	149	139188	3.774	ng	98

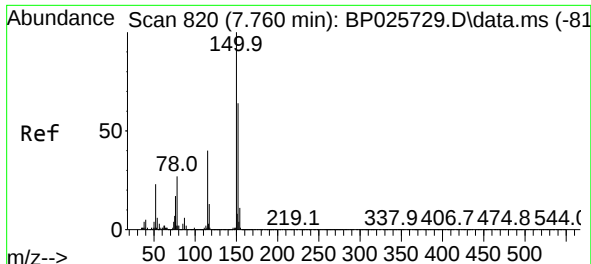
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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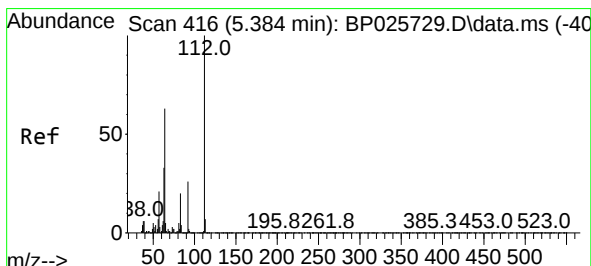
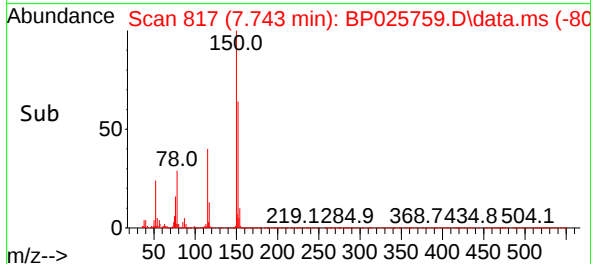
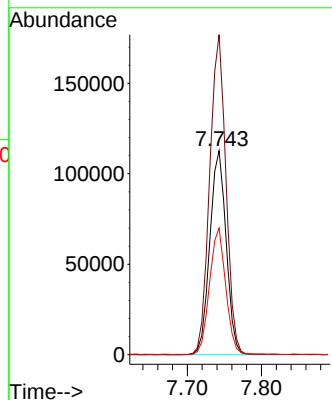
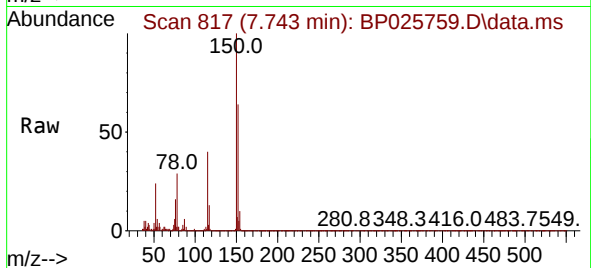




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025759.D
Acq: 16 Sep 2025 15:50

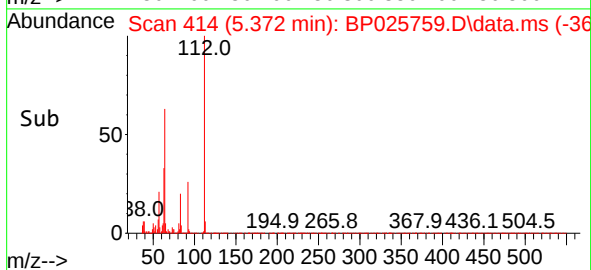
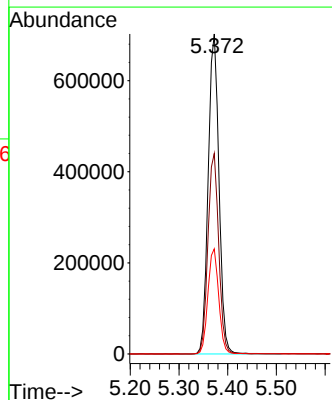
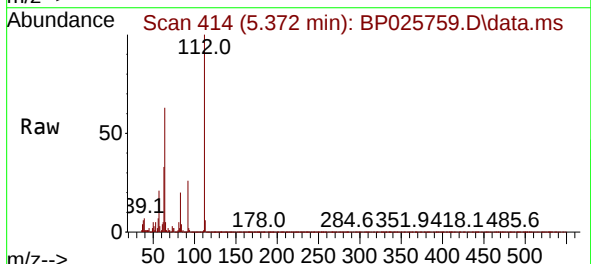
Instrument :
BNA_P
ClientSampleId :
12/9B-COMP

Tgt Ion:152 Resp: 173219
Ion Ratio Lower Upper
152 100
150 156.8 124.3 186.5
115 62.1 50.3 75.5



#5
2-Fluorophenol
Concen: 100.035 ng
RT: 5.372 min Scan# 414
Delta R.T. -0.012 min
Lab File: BP025759.D
Acq: 16 Sep 2025 15:50

Tgt Ion:112 Resp: 1073908
Ion Ratio Lower Upper
112 100
64 62.7 50.2 75.4
63 32.9 26.7 40.1

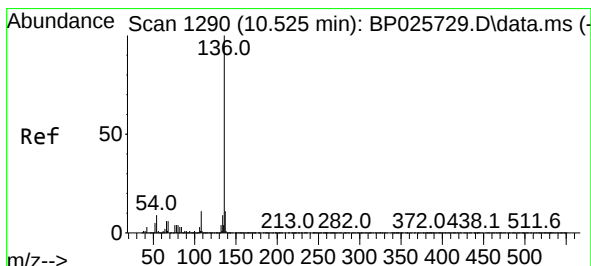
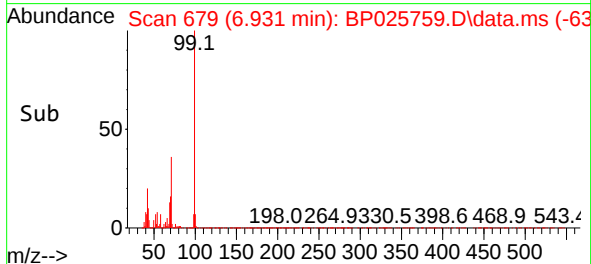
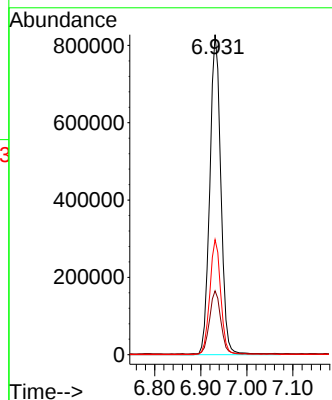
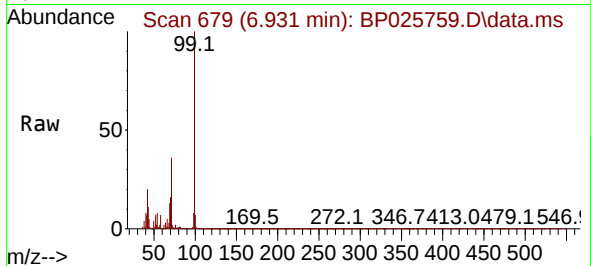




#7
Phenol-d6
Concen: 97.006 ng
RT: 6.931 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025759.D
Acq: 16 Sep 2025 15:50

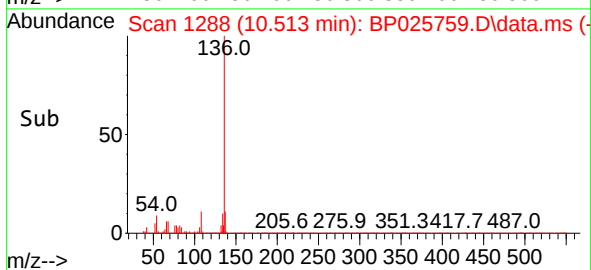
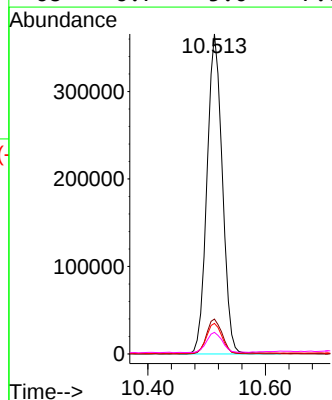
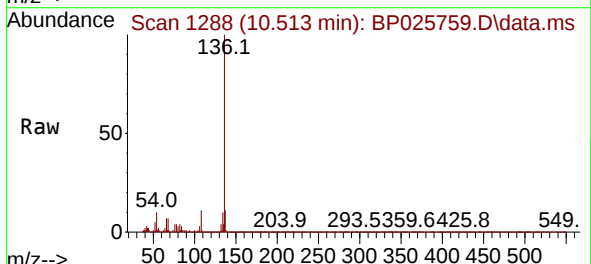
Instrument :
BNA_P
ClientSampleId :
12/9B-COMP

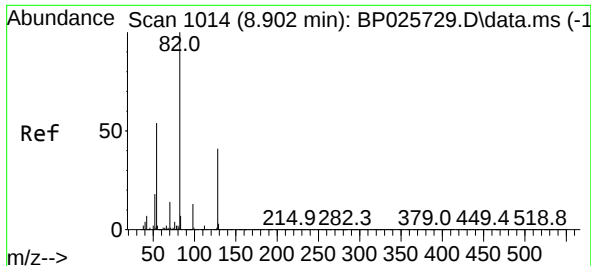
Tgt Ion: 99 Resp: 1384191
Ion Ratio Lower Upper
99 100
42 20.0 15.6 23.4
71 35.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025759.D
Acq: 16 Sep 2025 15:50

Tgt Ion:136 Resp: 661026
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.5 7.5 11.3
68 6.7 5.0 7.6

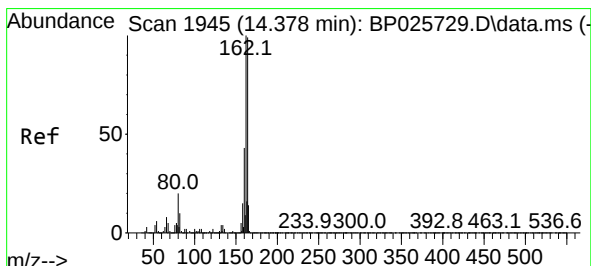
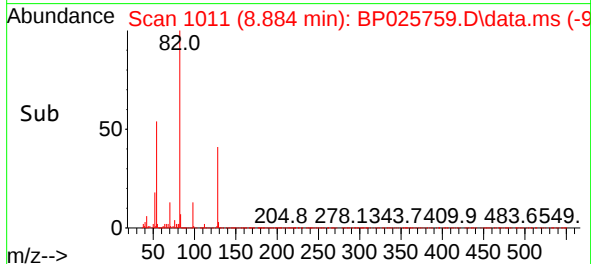
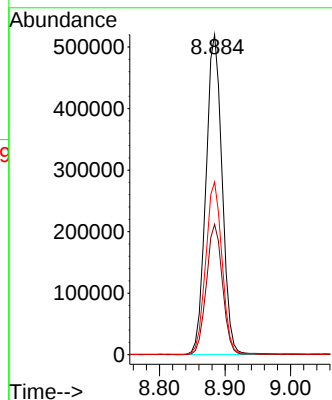
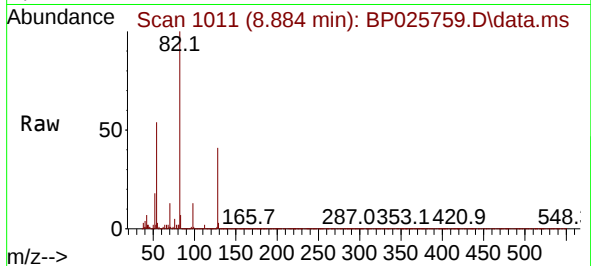




#23
Nitrobenzene-d5
Concen: 59.611 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025759.D
Acq: 16 Sep 2025 15:50

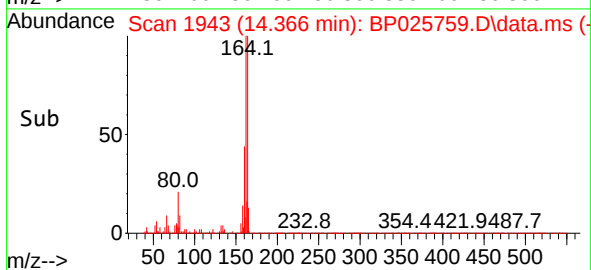
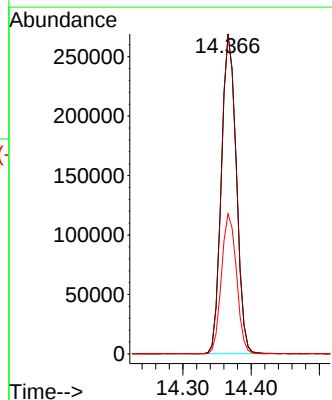
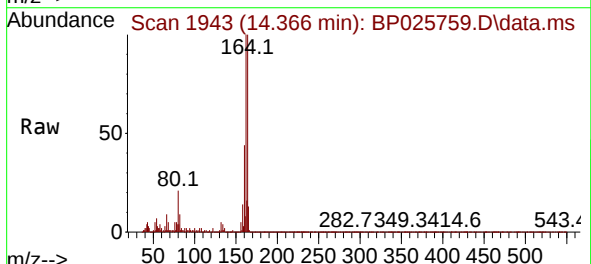
Instrument :
BNA_P
ClientSampleId :
12/9B-COMP

Tgt Ion: 82 Resp: 893297
Ion Ratio Lower Upper
82 100
128 40.8 32.9 49.3
54 54.0 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.366 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP025759.D
Acq: 16 Sep 2025 15:50

Tgt Ion: 164 Resp: 408662
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 43.8 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 93.708 ng

RT: 15.895 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025759.D

Acq: 16 Sep 2025 15:50

Instrument :

BNA_P

ClientSampleId :

12/9B-COMP

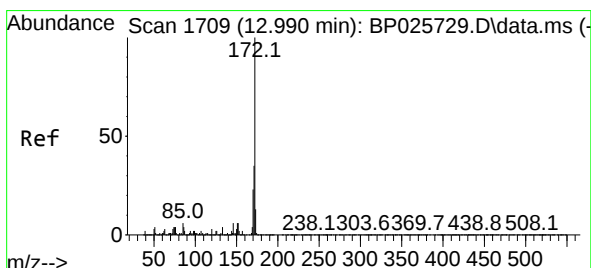
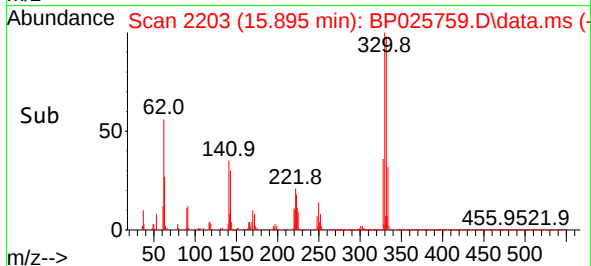
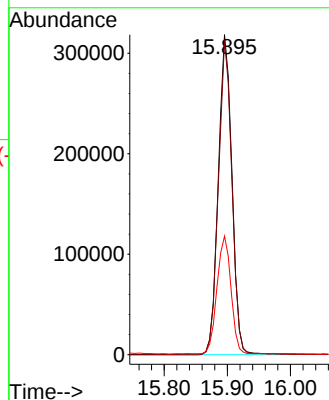
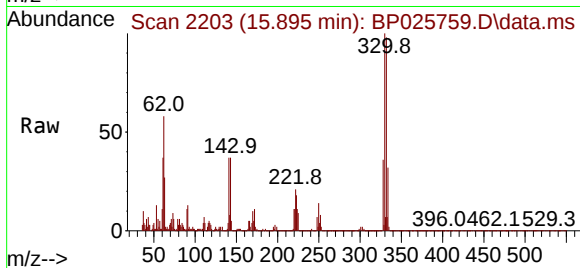
Tgt Ion:330 Resp: 477654

Ion Ratio Lower Upper

330 100

332 97.4 76.9 115.3

141 37.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 58.694 ng

RT: 12.978 min Scan# 1707

Delta R.T. -0.012 min

Lab File: BP025759.D

Acq: 16 Sep 2025 15:50

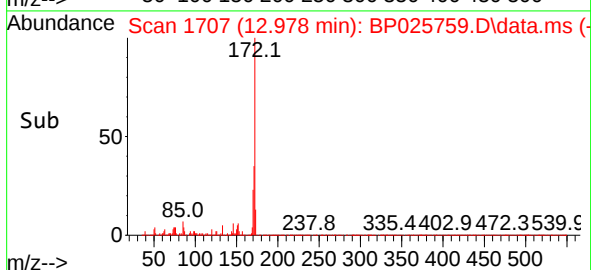
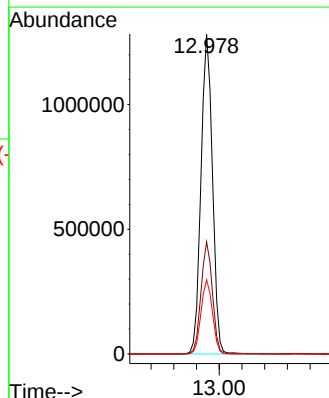
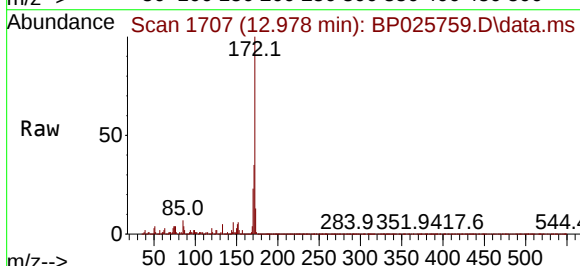
Tgt Ion:172 Resp: 1801405

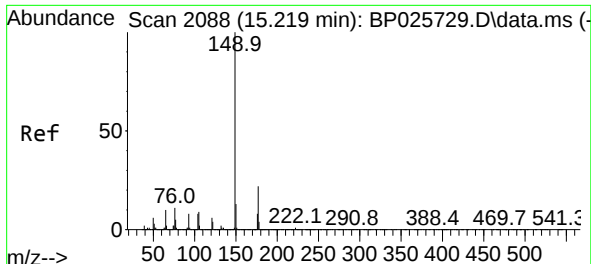
Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.6

170 23.2 18.6 27.8

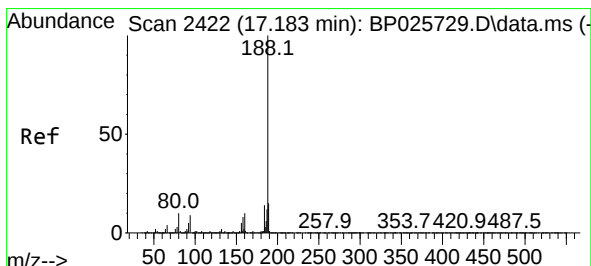
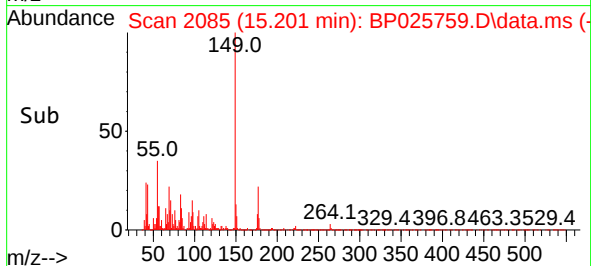
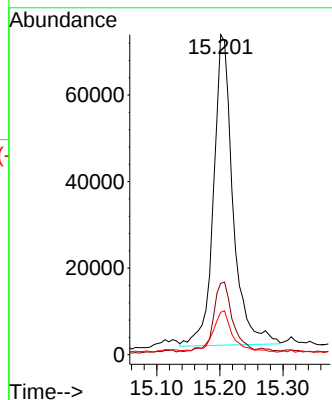
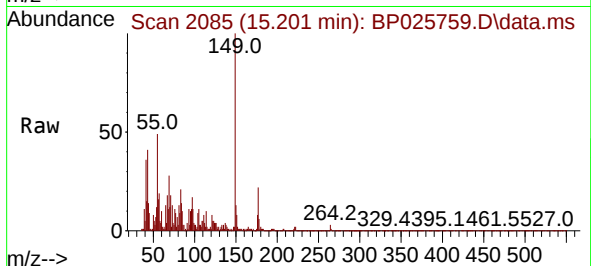




#60
Diethylphthalate
Concen: 4.842 ng
RT: 15.201 min Scan# 2085
Delta R.T. -0.018 min
Lab File: BP025759.D
Acq: 16 Sep 2025 15:50

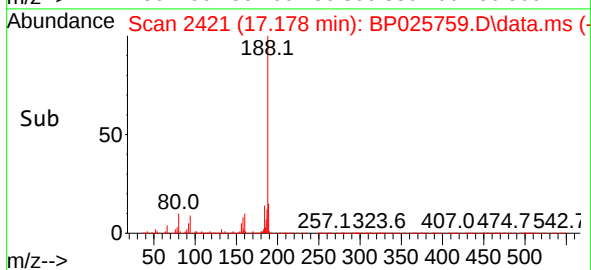
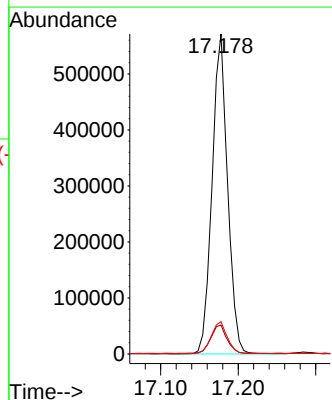
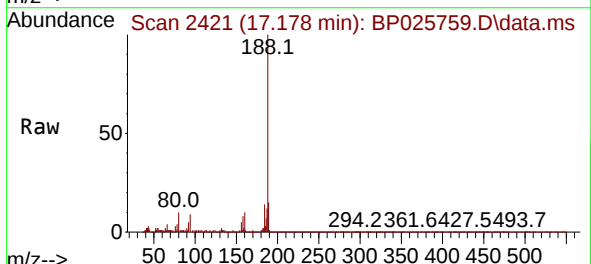
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BNA_P
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12/9B-COMP

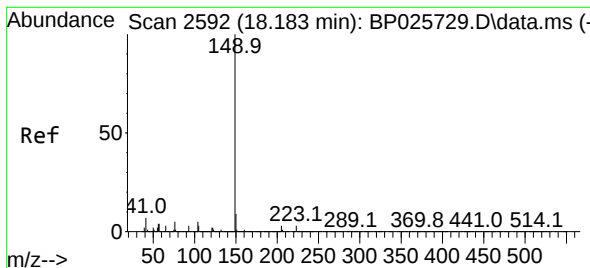
Tgt Ion:149 Resp: 153225
Ion Ratio Lower Upper
149 100
177 22.3 17.7 26.5
150 13.3 10.0 15.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025759.D
Acq: 16 Sep 2025 15:50

Tgt Ion:188 Resp: 791748
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.1 7.7 11.5





#74

Di-n-butylphthalate

Concen: 4.059 ng

RT: 18.189 min Scan# 2110

Delta R.T. 0.006 min

Lab File: BP025759.D

Acq: 16 Sep 2025 15:50

Instrument :

BNA_P

ClientSampleId :

12/9B-COMP

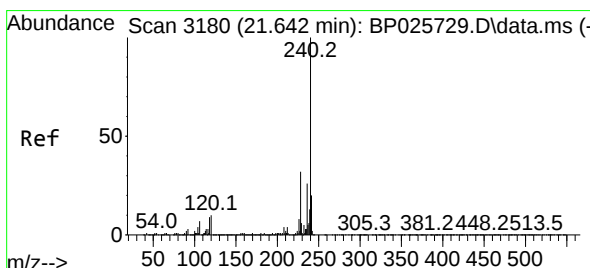
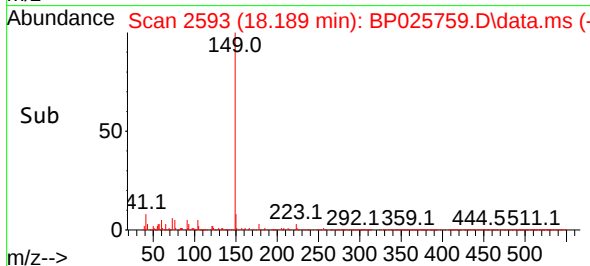
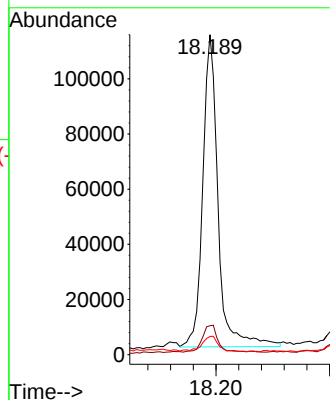
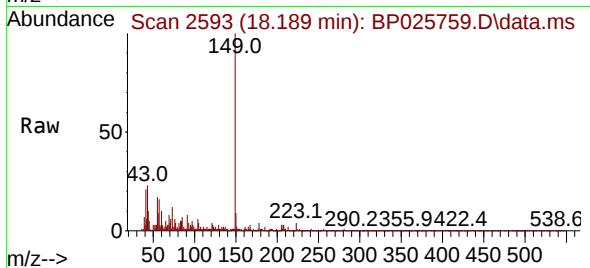
Tgt Ion:149 Resp: 211050

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.7 4.3 6.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.625 min Scan# 3177

Delta R.T. -0.018 min

Lab File: BP025759.D

Acq: 16 Sep 2025 15:50

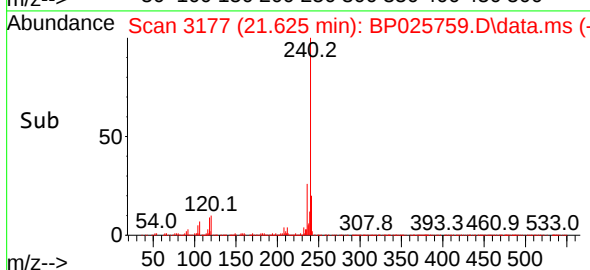
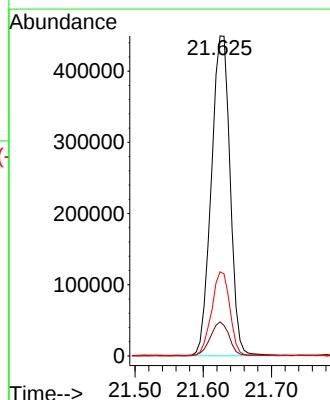
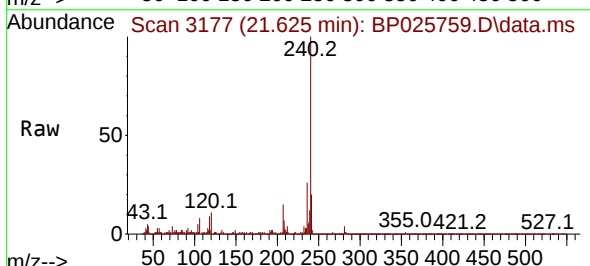
Tgt Ion:240 Resp: 861581

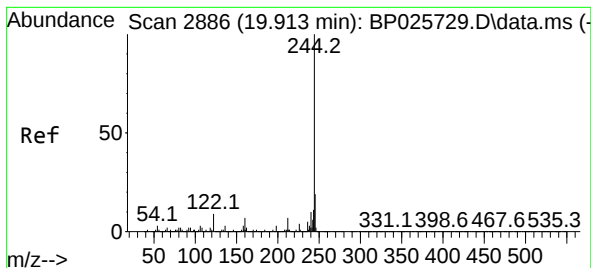
Ion Ratio Lower Upper

240 100

120 10.6 8.0 12.0

236 26.3 20.7 31.1





#79

Terphenyl-d14

Concen: 62.075 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025759.D

Acq: 16 Sep 2025 15:50

Instrument :

BNA_P

ClientSampleId :

12/9B-COMP

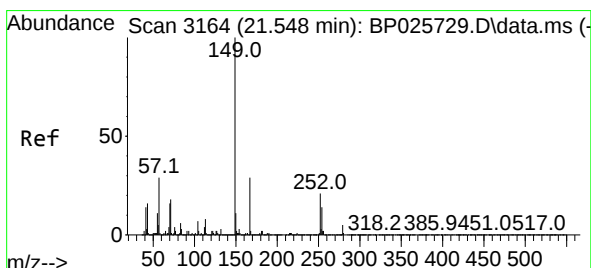
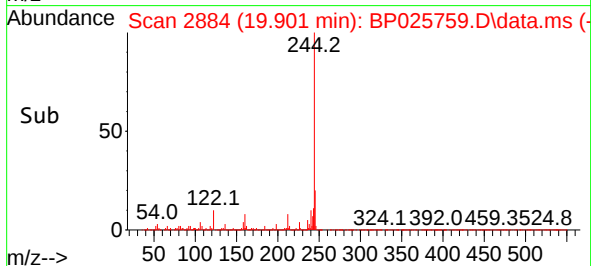
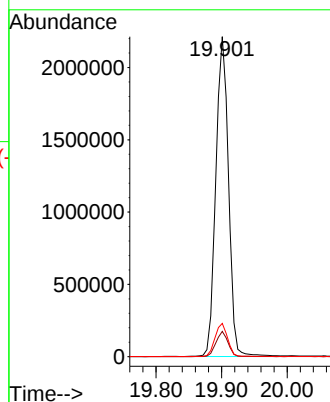
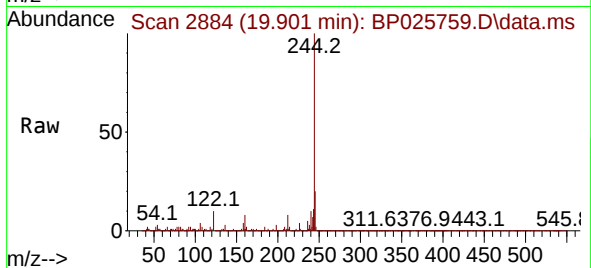
Tgt Ion:244 Resp: 2972950

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

122 10.4 7.1 10.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.774 ng

RT: 21.542 min Scan# 3163

Delta R.T. -0.006 min

Lab File: BP025759.D

Acq: 16 Sep 2025 15:50

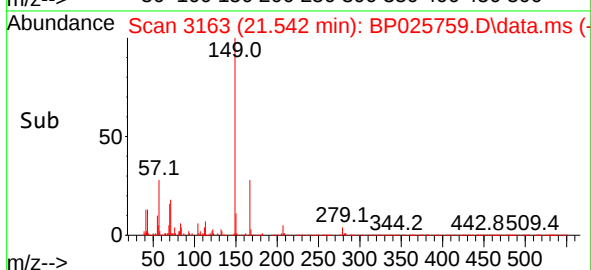
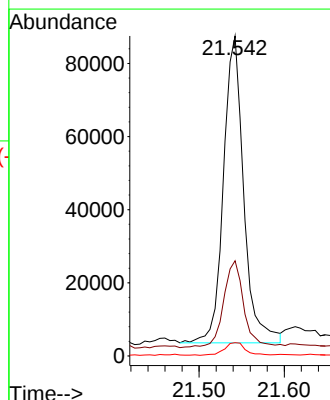
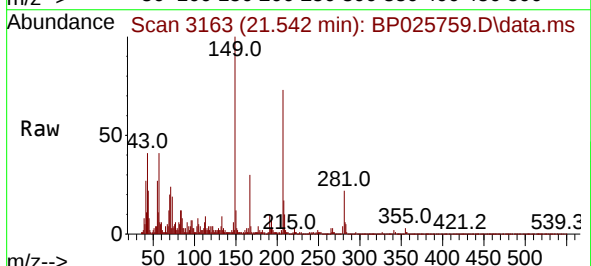
Tgt Ion:149 Resp: 139188

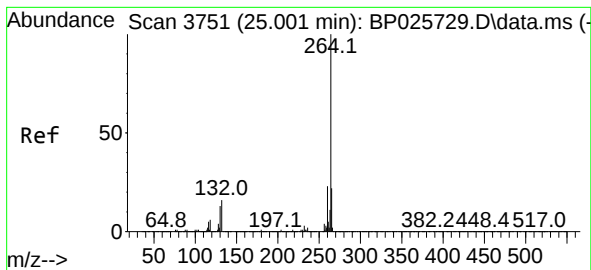
Ion Ratio Lower Upper

149 100

167 29.7 22.9 34.3

279 4.2 3.8 5.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025759.D
Acq: 16 Sep 2025 15:50

Instrument :
BNA_P
ClientSampleId :
12/9B-COMP

Tgt Ion:	264	Resp:	989974
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.3	27.5
265	22.1	17.3	25.9

