

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
 Data File : BP025763.D
 Acq On : 16 Sep 2025 18:34
 Operator : CG/JU
 Sample : Q3091-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 12/9C-COMP

Quant Time: Sep 16 19:00:21 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)

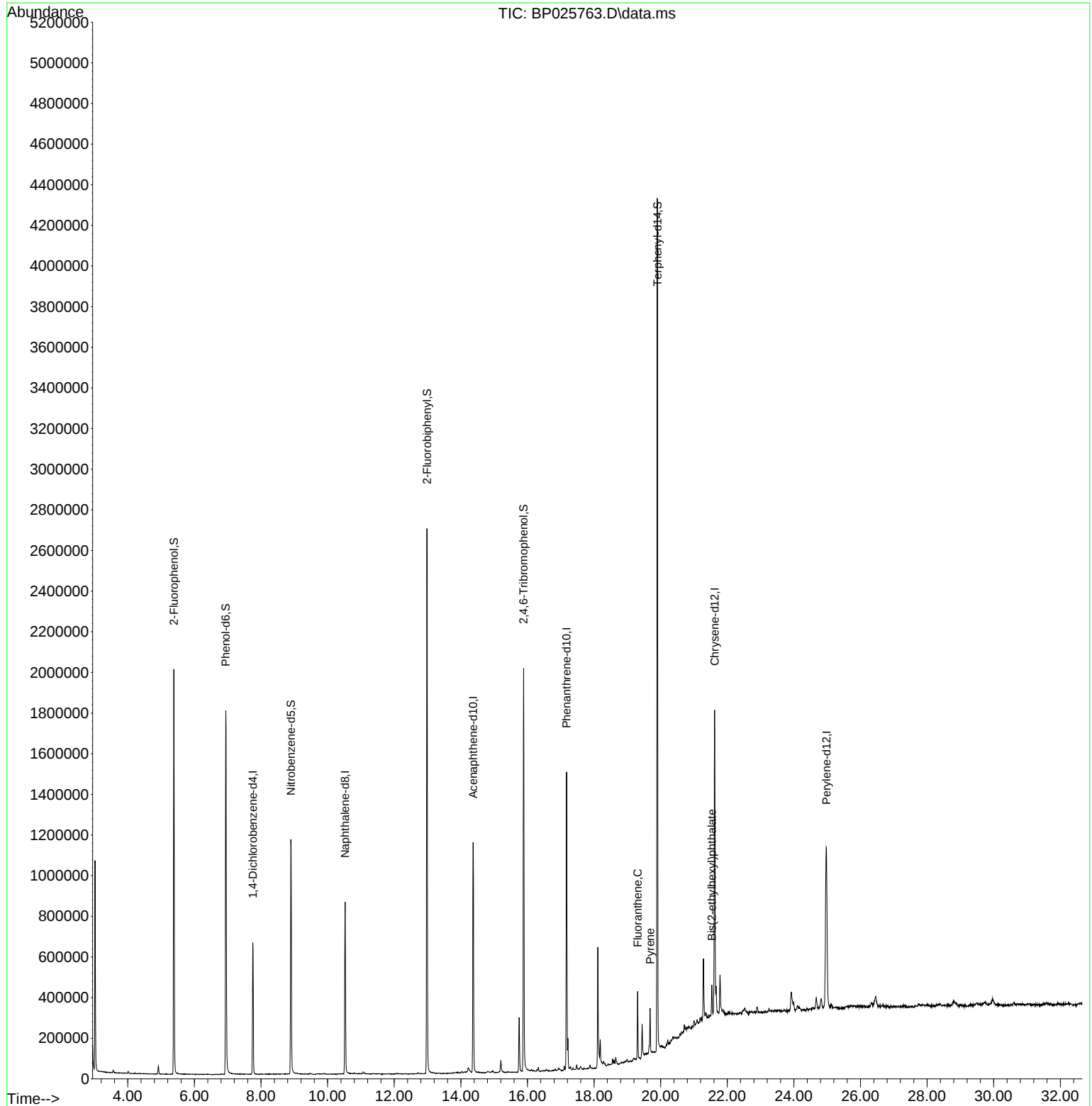
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	182643	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	707336	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	453691	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	878487	20.000	ng	-0.01
76) Chrysene-d12	21.619	240	878116	20.000	ng	-0.02
86) Perylene-d12	24.977	264	958203	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	838682	74.093	ng	0.00
7) Phenol-d6	6.943	99	1069371	71.076	ng	0.00
23) Nitrobenzene-d5	8.896	82	687458	42.871	ng	0.00
42) 2,4,6-Tribromophenol	15.884	330	384377	67.924	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	1460096	42.851	ng	0.00
79) Terphenyl-d14	19.901	244	2180565	44.673	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.307	202	181829	3.042	ng	100
78) Pyrene	19.683	202	135641	2.315	ng	100
84) Bis(2-ethylhexyl)phtha...	21.536	149	75783	2.016	ng	97

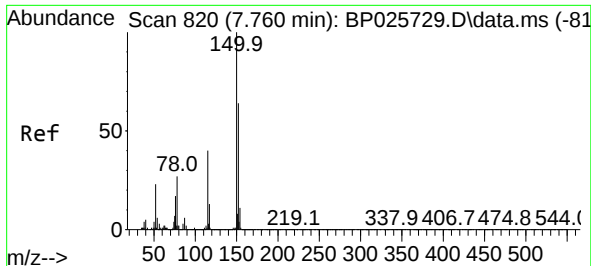
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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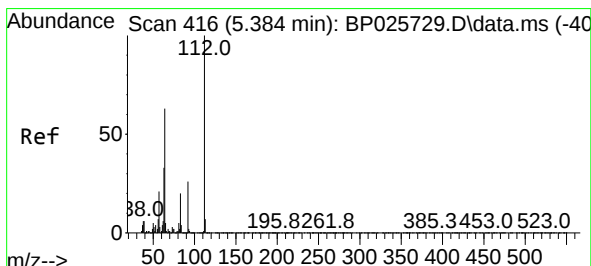
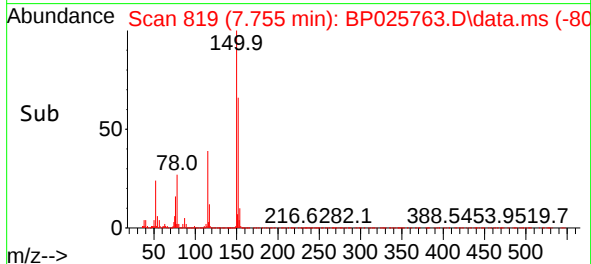
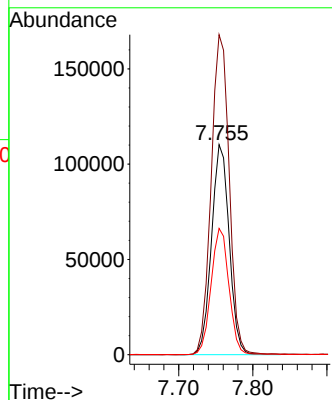
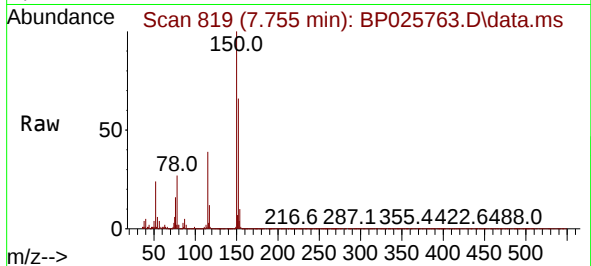




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 819
Delta R.T. -0.005 min
Lab File: BP025763.D
Acq: 16 Sep 2025 18:34

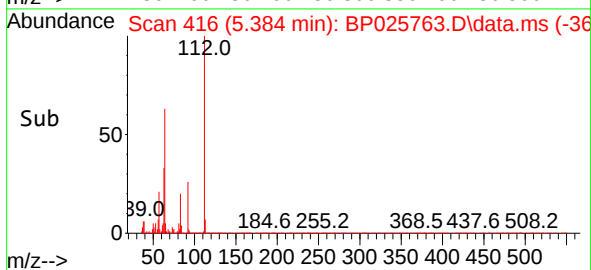
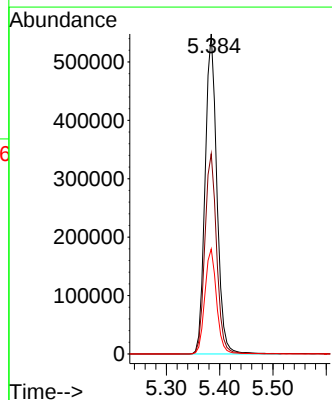
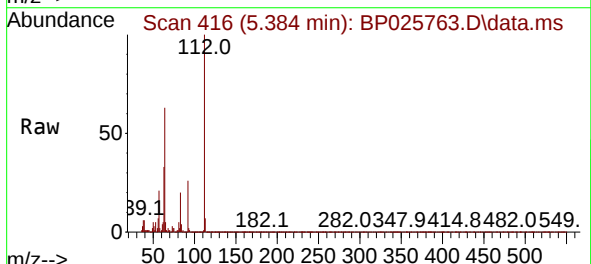
Instrument :
BNA_P
ClientSampleId :
12/9C-COMP

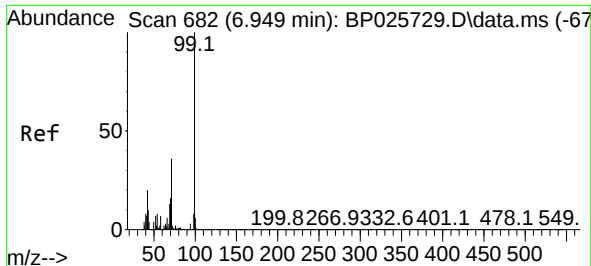
Tgt Ion:152 Resp: 182643
Ion Ratio Lower Upper
152 100
150 152.4 124.3 186.5
115 60.1 50.3 75.5



#5
2-Fluorophenol
Concen: 74.093 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025763.D
Acq: 16 Sep 2025 18:34

Tgt Ion:112 Resp: 838682
Ion Ratio Lower Upper
112 100
64 62.5 50.2 75.4
63 32.8 26.7 40.1

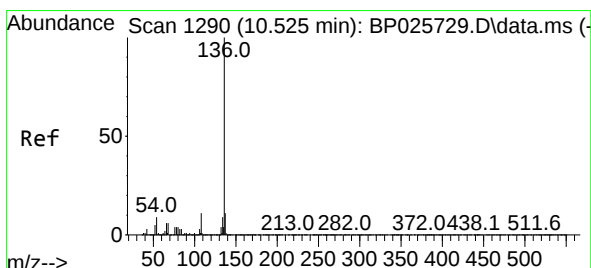
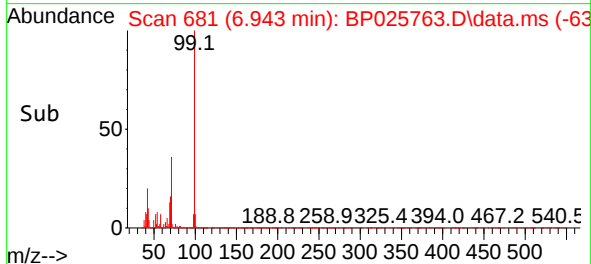
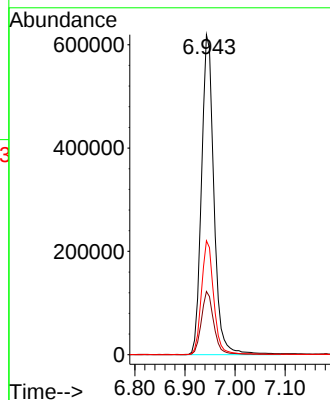
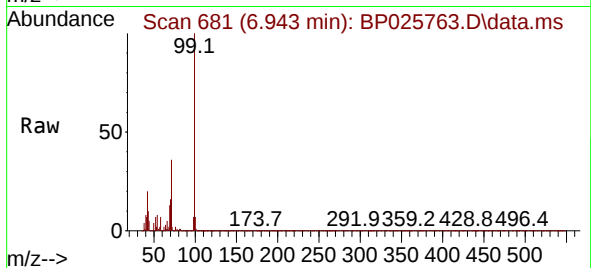




#7
Phenol-d6
Concen: 71.076 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025763.D
Acq: 16 Sep 2025 18:34

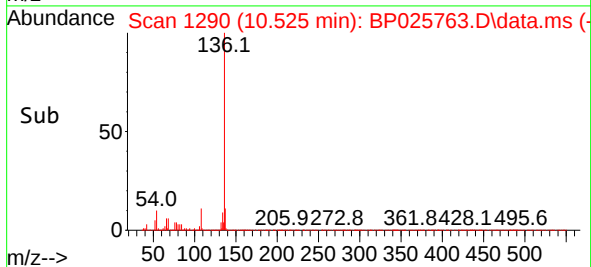
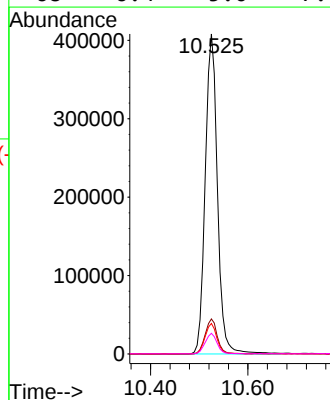
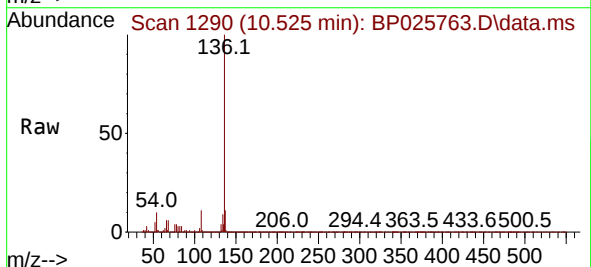
Instrument :
BNA_P
ClientSampleId :
12/9C-COMP

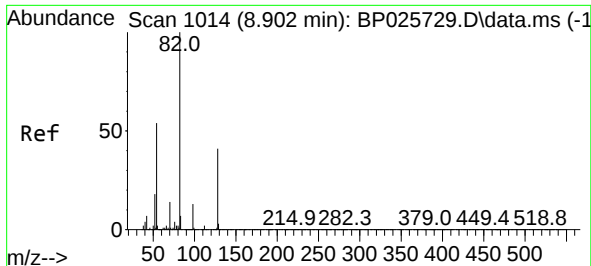
Tgt Ion: 99 Resp: 1069371
Ion Ratio Lower Upper
99 100
42 19.7 15.6 23.4
71 35.6 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP025763.D
Acq: 16 Sep 2025 18:34

Tgt Ion:136 Resp: 707336
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.5 7.5 11.3
68 6.4 5.0 7.6

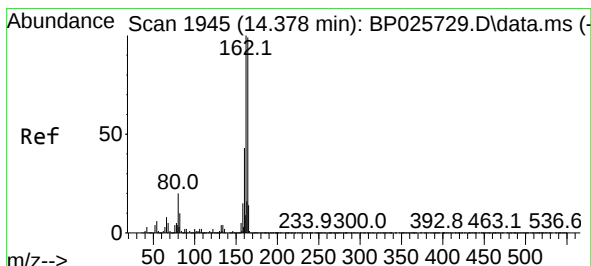
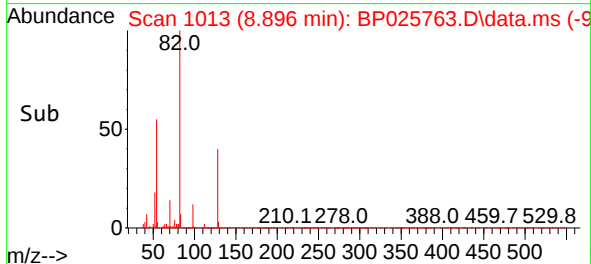
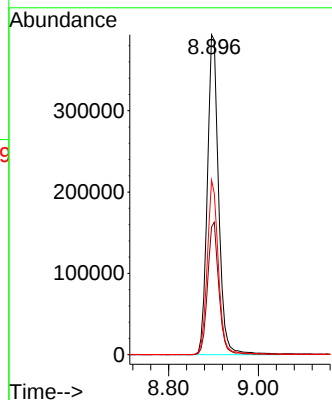
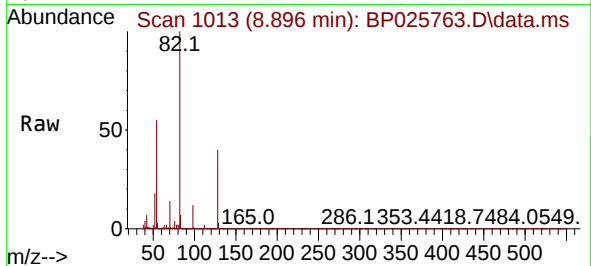




#23
Nitrobenzene-d5
Concen: 42.871 ng
RT: 8.896 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025763.D
Acq: 16 Sep 2025 18:34

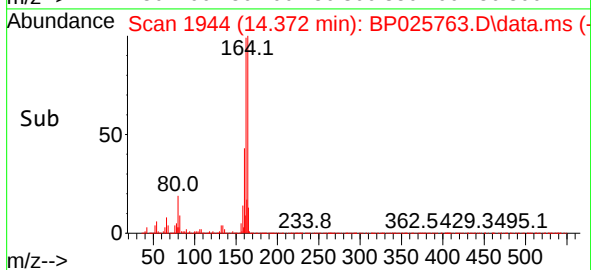
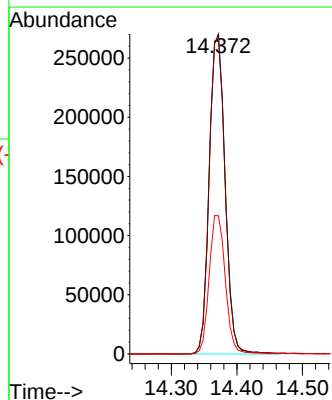
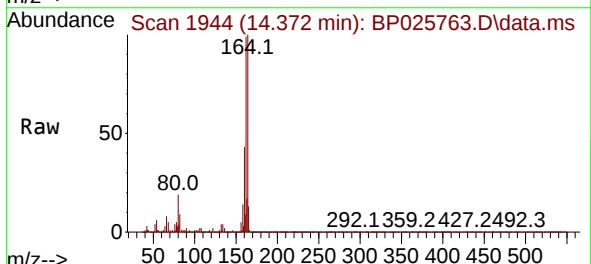
Instrument :
BNA_P
ClientSampleId :
12/9C-COMP

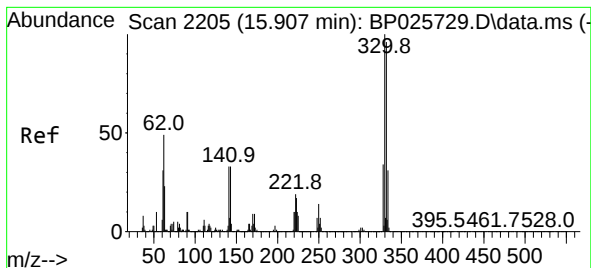
Tgt Ion: 82 Resp: 687458
Ion Ratio Lower Upper
82 100
128 39.9 32.9 49.3
54 54.6 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025763.D
Acq: 16 Sep 2025 18:34

Tgt Ion: 164 Resp: 453691
Ion Ratio Lower Upper
164 100
162 98.6 80.6 120.8
160 43.2 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 67.924 ng

RT: 15.884 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP025763.D

Acq: 16 Sep 2025 18:34

Instrument :

BNA_P

ClientSampleId :

12/9C-COMP

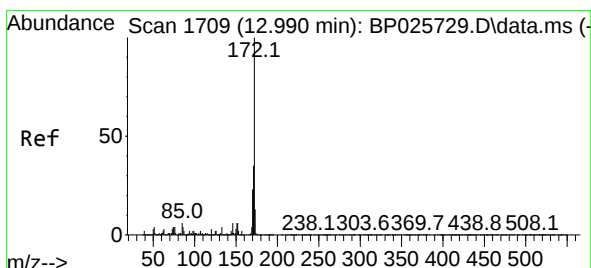
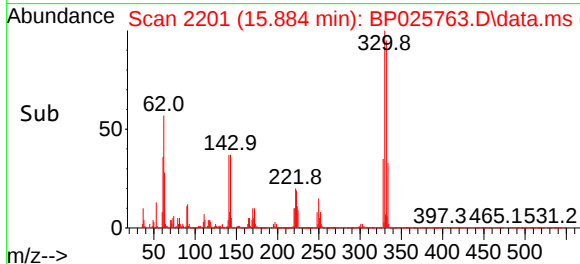
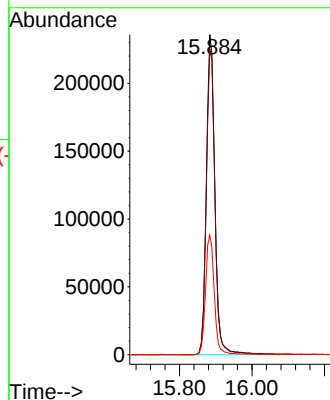
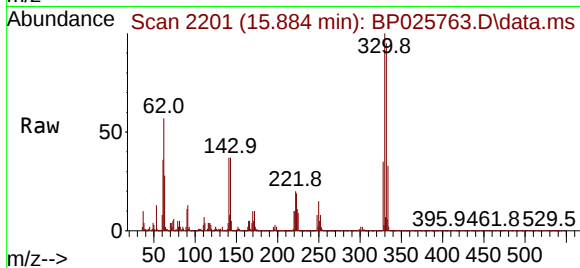
Tgt Ion:330 Resp: 384377

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

141 38.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 42.851 ng

RT: 12.984 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BP025763.D

Acq: 16 Sep 2025 18:34

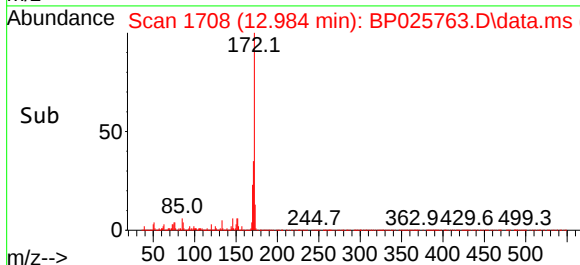
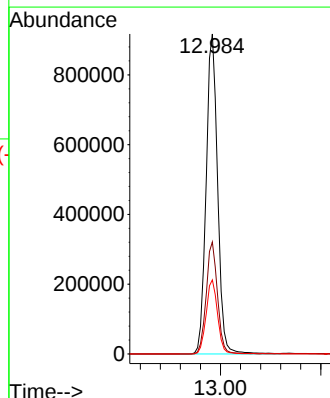
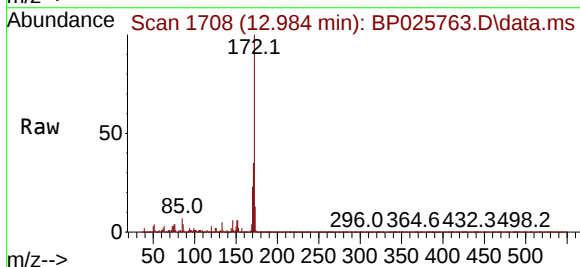
Tgt Ion:172 Resp: 1460096

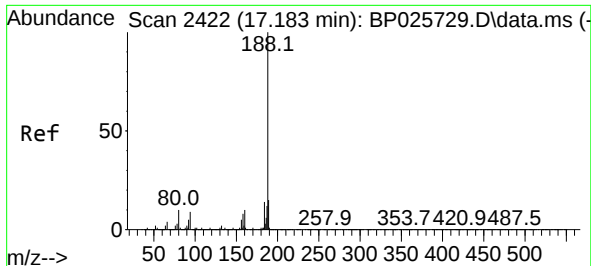
Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 23.2 18.6 27.8

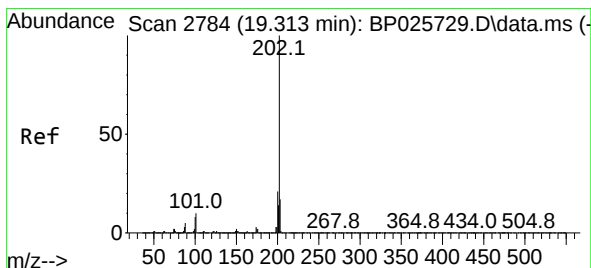
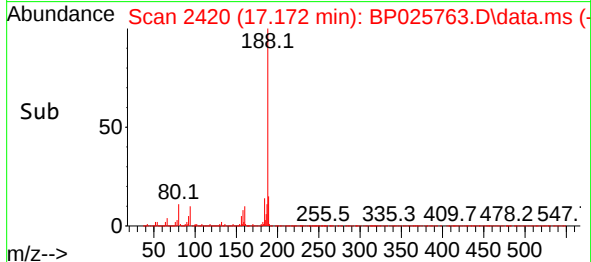
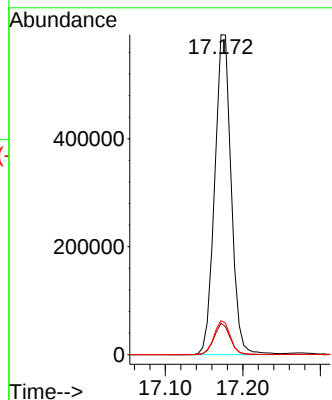
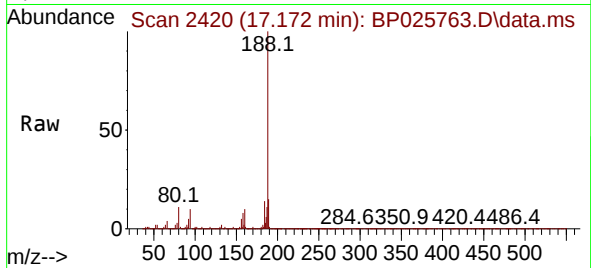




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025763.D
Acq: 16 Sep 2025 18:34

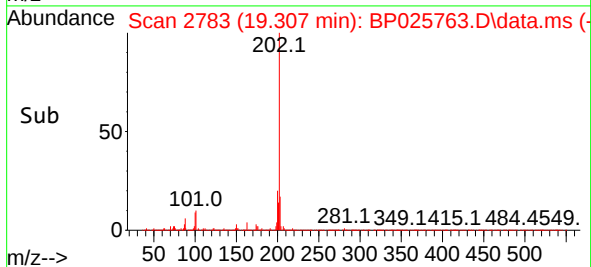
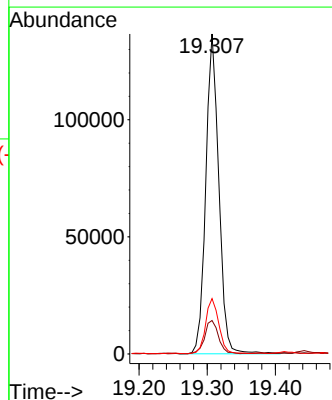
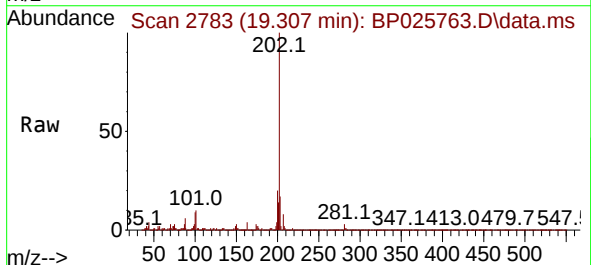
Instrument :
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12/9C-COMP

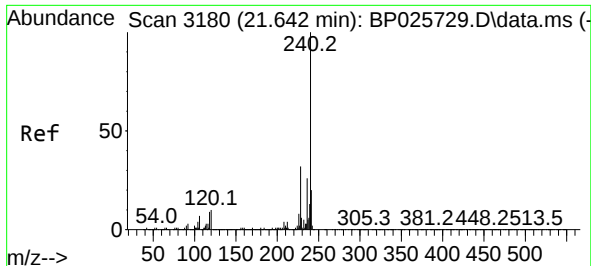
Tgt Ion:188 Resp: 878487
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 10.6 7.7 11.5



#75
Fluoranthene
Concen: 3.042 ng
RT: 19.307 min Scan# 2783
Delta R.T. -0.006 min
Lab File: BP025763.D
Acq: 16 Sep 2025 18:34

Tgt Ion:202 Resp: 181829
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.4
203 17.3 0.0 37.4

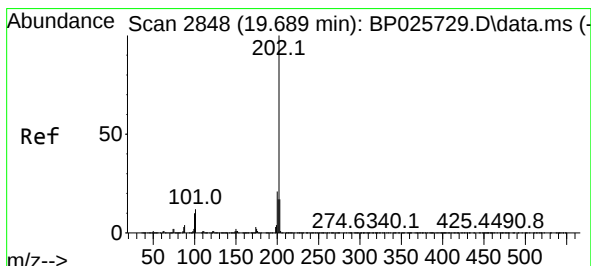
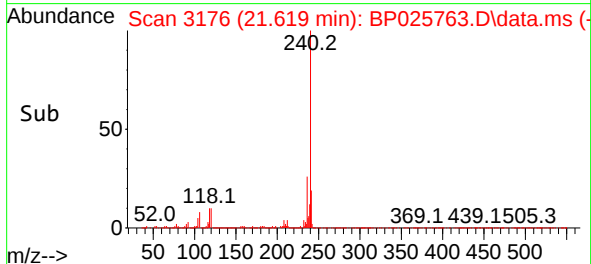
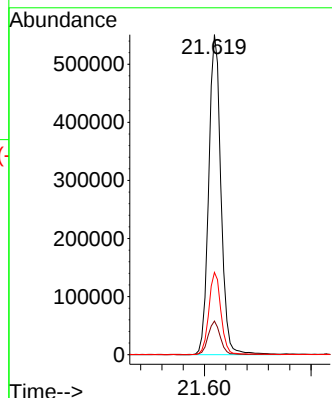
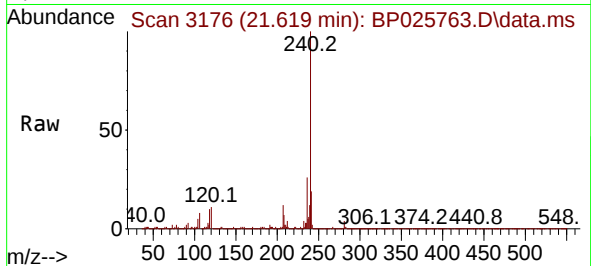




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.619 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025763.D
Acq: 16 Sep 2025 18:34

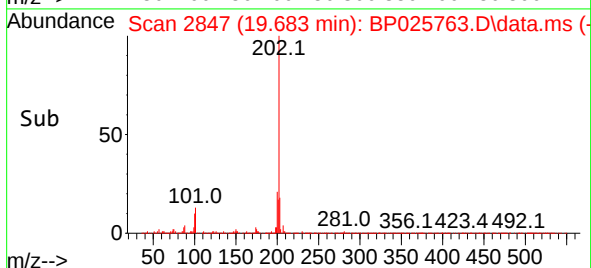
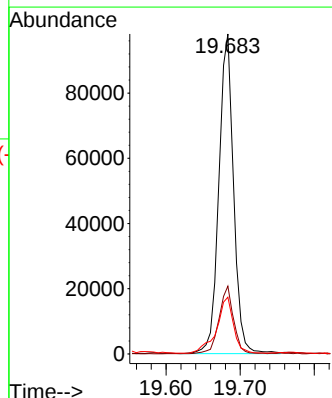
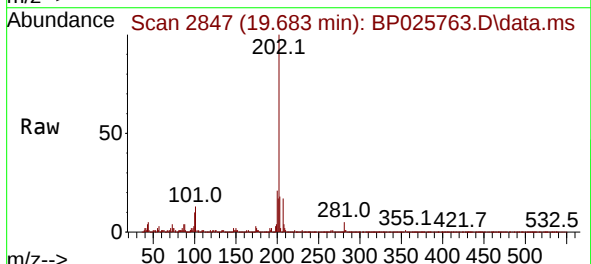
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12/9C-COMP

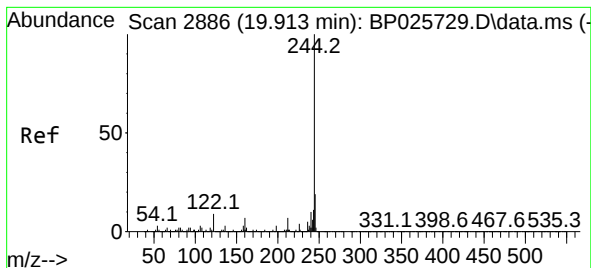
Tgt Ion:240 Resp: 878116
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 25.7 20.7 31.1



#78
Pyrene
Concen: 2.315 ng
RT: 19.683 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP025763.D
Acq: 16 Sep 2025 18:34

Tgt Ion:202 Resp: 135641
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 44.673 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025763.D

Acq: 16 Sep 2025 18:34

Instrument :

BNA_P

ClientSampleId :

12/9C-COMP

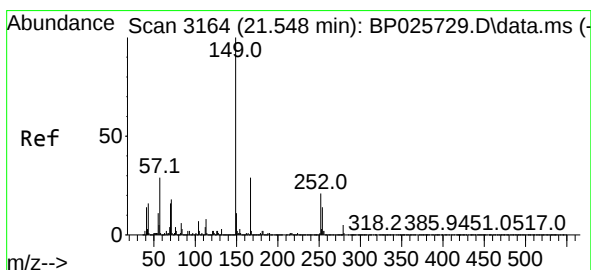
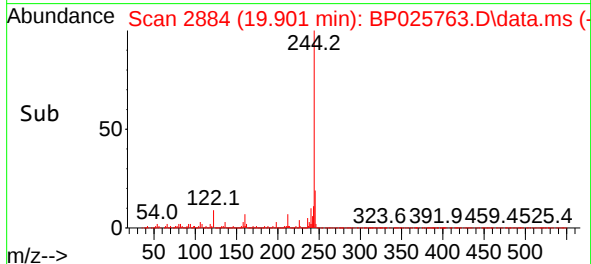
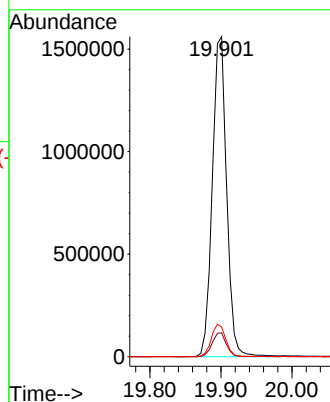
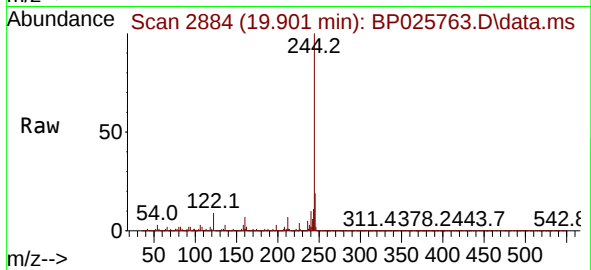
Tgt Ion:244 Resp: 2180565

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 9.3 7.1 10.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.016 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.012 min

Lab File: BP025763.D

Acq: 16 Sep 2025 18:34

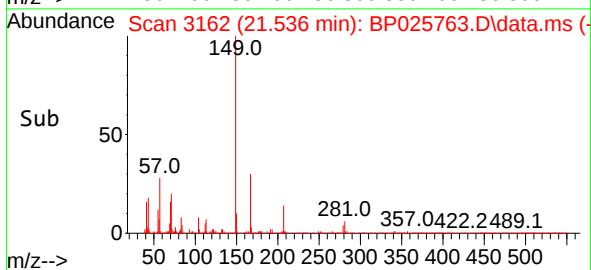
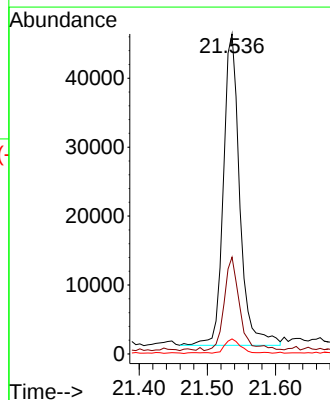
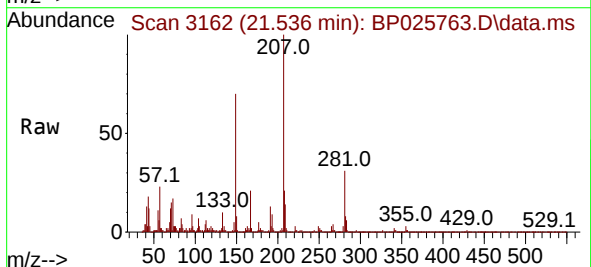
Tgt Ion:149 Resp: 75783

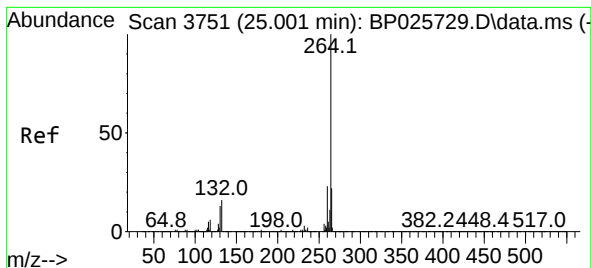
Ion Ratio Lower Upper

149 100

167 30.3 22.9 34.3

279 4.7 3.8 5.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.977 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP025763.D

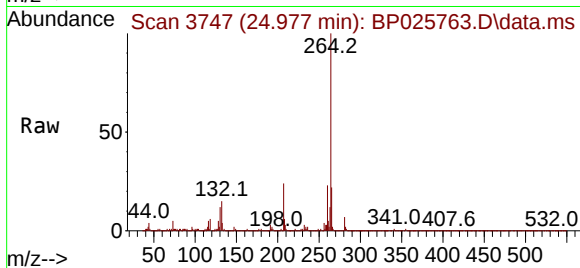
Acq: 16 Sep 2025 18:34

Instrument :

BNA_P

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Tgt Ion:264 Resp: 958203

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 22.3 17.3 25.9

