

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
 Data File : BP025368.D
 Acq On : 12 Aug 2025 15:40
 Operator : CG/JU
 Sample : PB169149TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169149TB

Quant Time: Aug 12 16:02:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	216198	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	822002	20.000	ng	0.00
39) Acenaphthene-d10	14.425	164	481171	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	966595	20.000	ng	0.00
76) Chrysene-d12	21.666	240	1099080	20.000	ng	0.00
86) Perylene-d12	25.059	264	1180748	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.413	112	1602688	119.229	ng	0.00
7) Phenol-d6	6.972	99	1882681	106.421	ng	0.00
23) Nitrobenzene-d5	8.937	82	1217011	82.024	ng	0.00
42) 2,4,6-Tribromophenol	15.936	330	679469	141.549	ng	0.01
45) 2-Fluorobiphenyl	13.037	172	2723558	78.180	ng	0.00
79) Terphenyl-d14	19.954	244	4447639	76.433	ng	0.01

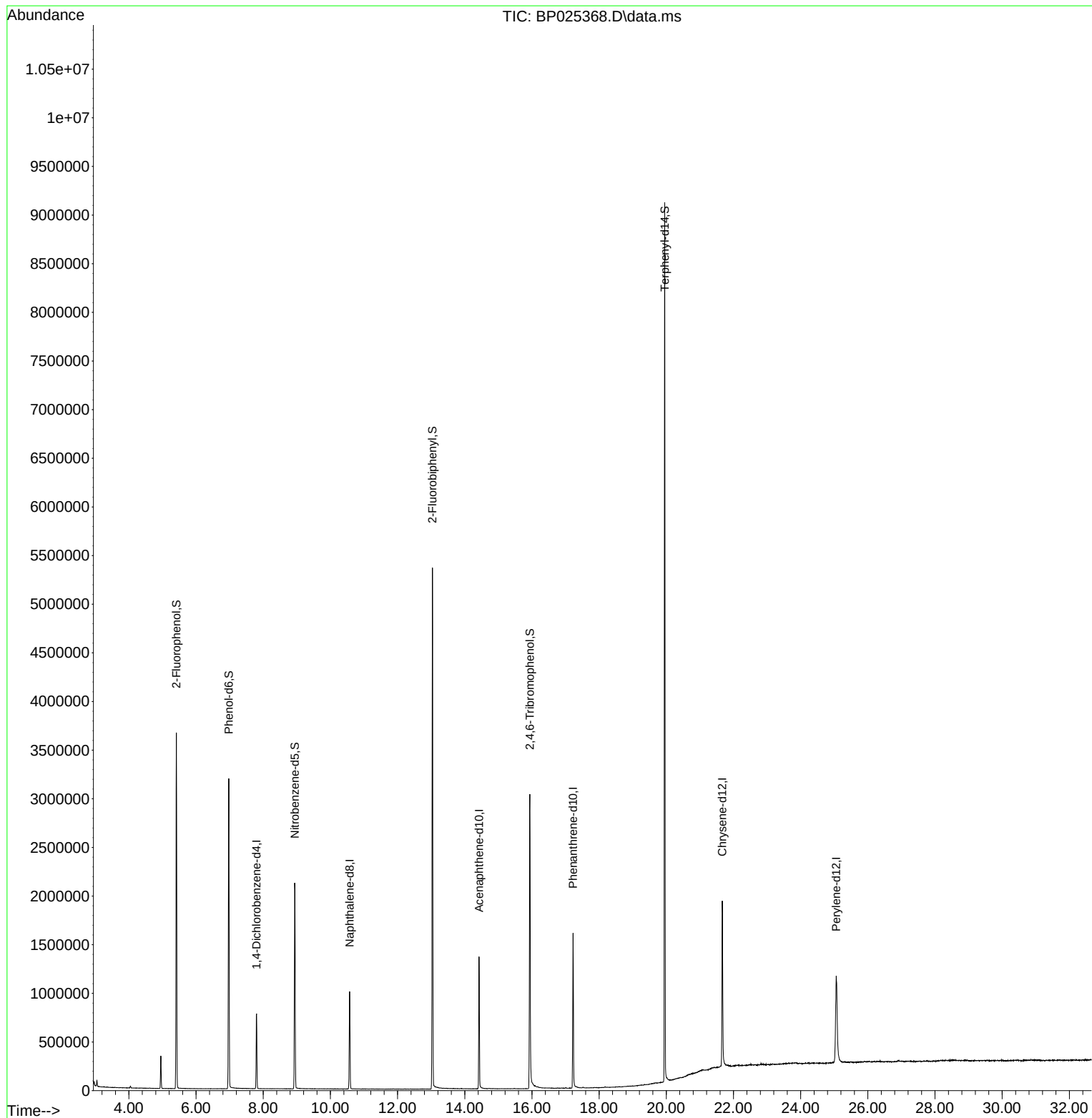
Target Compounds	Qvalue

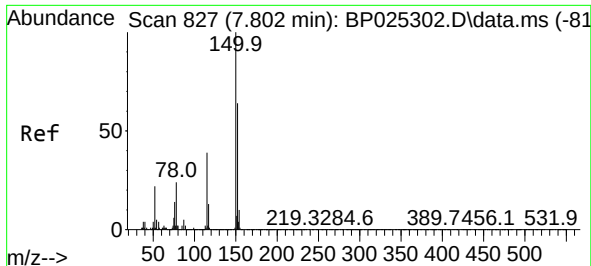
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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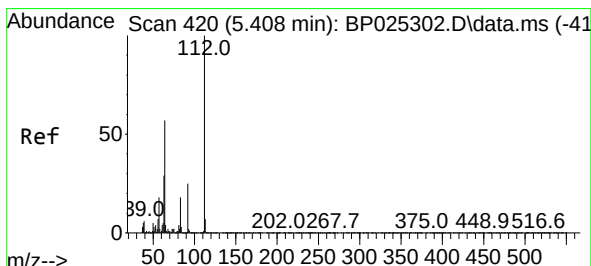
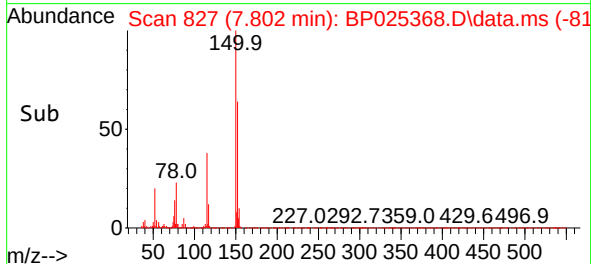
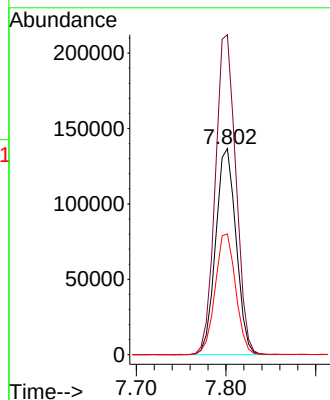
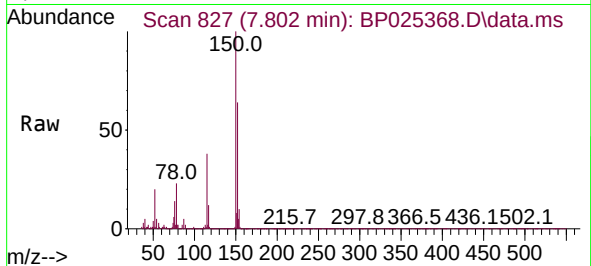




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.802 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025368.D
 Acq: 12 Aug 2025 15:40

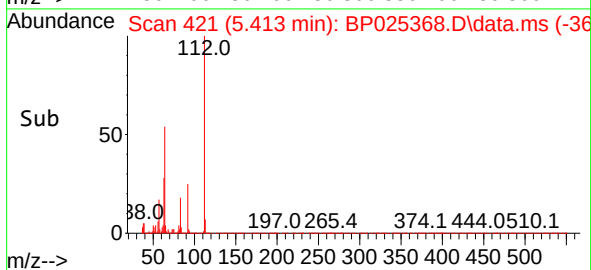
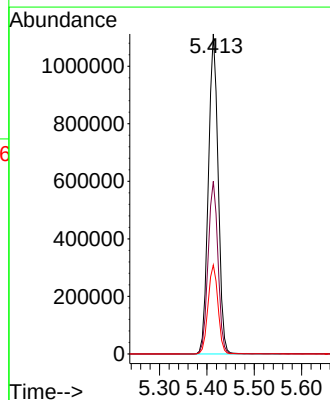
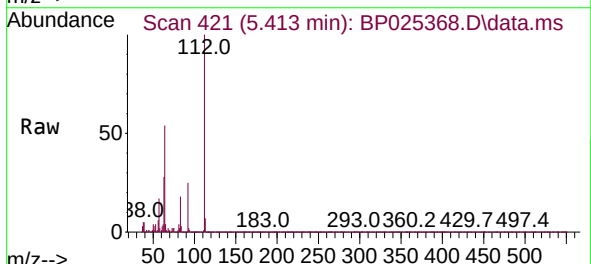
Instrument :
 BNA_P
 ClientSampleId :
 PB169149TB

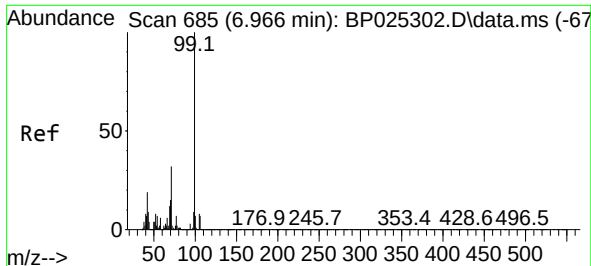
Tgt Ion:152 Resp: 216198
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.1 187.7
 115 58.7 48.4 72.6



#5
 2-Fluorophenol
 Concen: 119.229 ng
 RT: 5.413 min Scan# 421
 Delta R.T. 0.005 min
 Lab File: BP025368.D
 Acq: 12 Aug 2025 15:40

Tgt Ion:112 Resp: 1602688
 Ion Ratio Lower Upper
 112 100
 64 54.0 45.3 67.9
 63 27.8 23.0 34.6

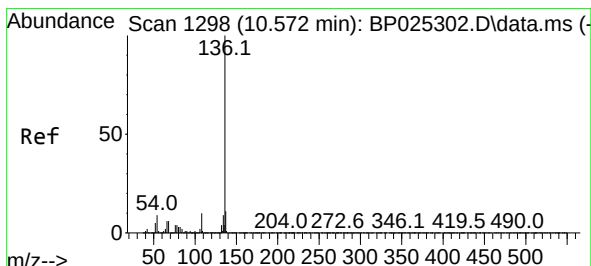
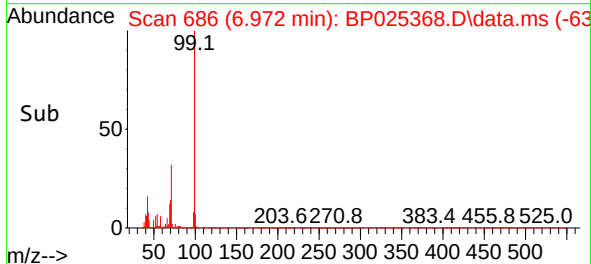
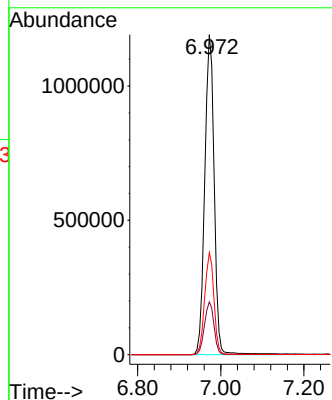
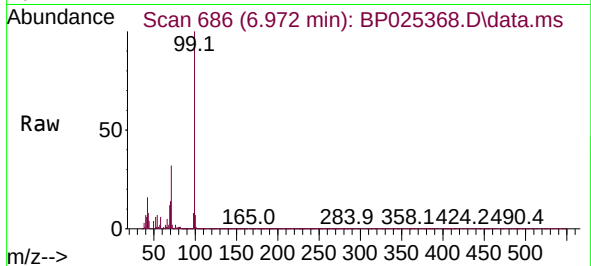




#7
Phenol-d6
Concen: 106.421 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP025368.D
Acq: 12 Aug 2025 15:40

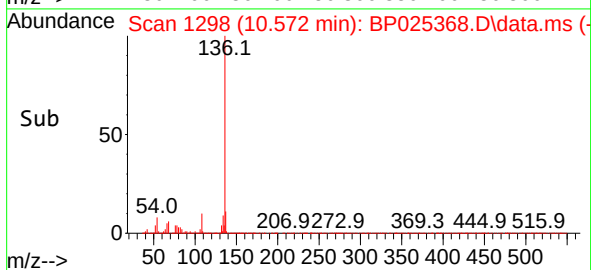
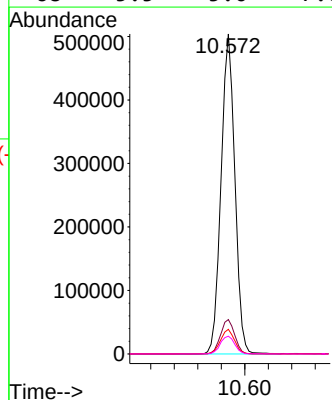
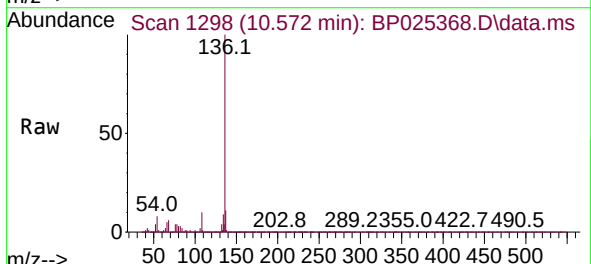
Instrument :
BNA_P
ClientSampleId :
PB169149TB

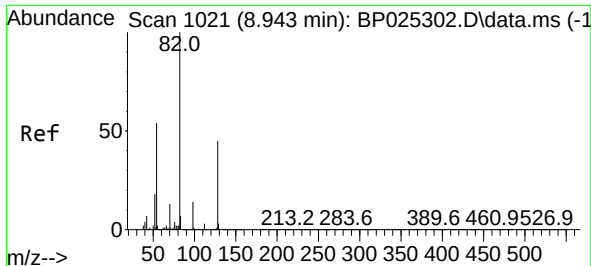
Tgt Ion: 99 Resp: 1882681
Ion Ratio Lower Upper
99 100
42 16.5 15.0 22.6
71 31.8 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP025368.D
Acq: 12 Aug 2025 15:40

Tgt Ion: 136 Resp: 822002
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.7 7.0 10.6
68 5.5 5.0 7.6

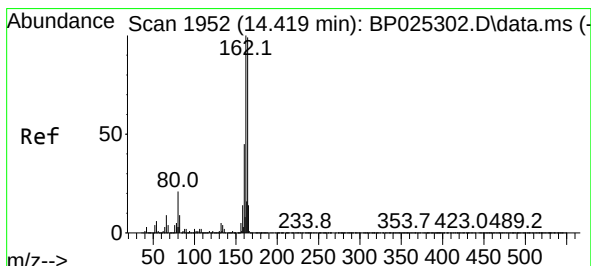
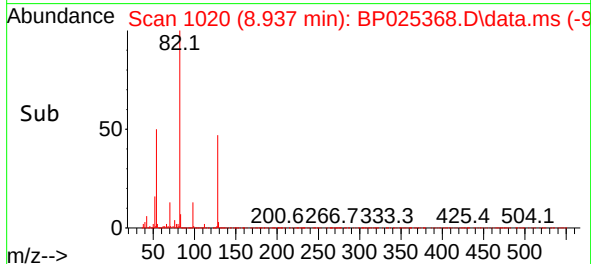
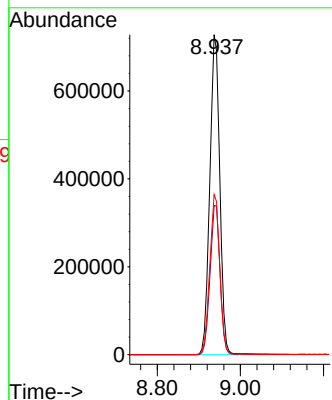
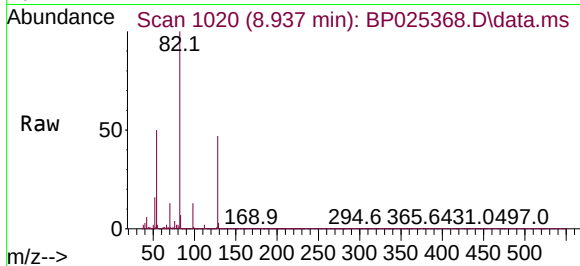




#23
Nitrobenzene-d5
Concen: 82.024 ng
RT: 8.937 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025368.D
Acq: 12 Aug 2025 15:40

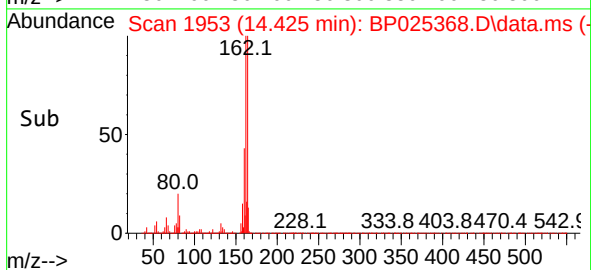
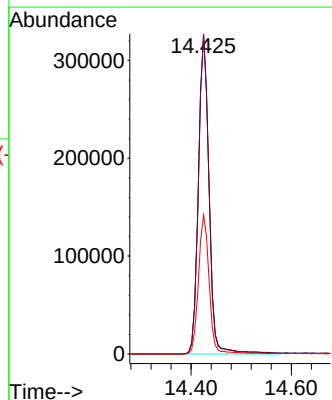
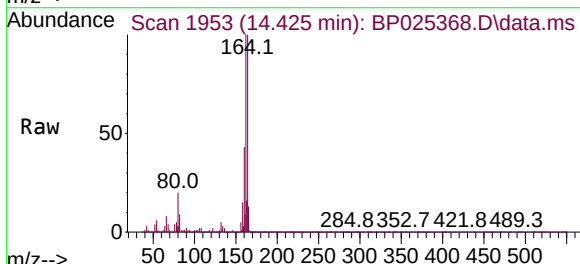
Instrument :
BNA_P
ClientSampleId :
PB169149TB

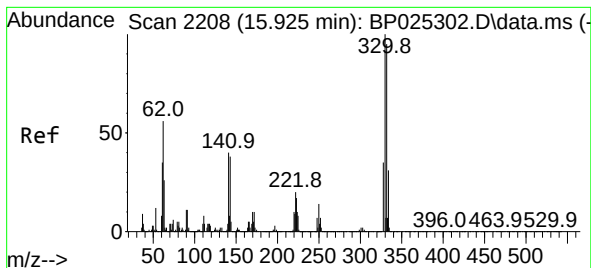
Tgt Ion: 82 Resp: 1217011
Ion Ratio Lower Upper
82 100
128 46.6 35.4 53.2
54 50.0 42.9 64.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.425 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP025368.D
Acq: 12 Aug 2025 15:40

Tgt Ion:164 Resp: 481171
Ion Ratio Lower Upper
164 100
162 99.8 80.6 120.8
160 43.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 141.549 ng

RT: 15.936 min Scan# 21

Delta R.T. 0.011 min

Lab File: BP025368.D

Acq: 12 Aug 2025 15:40

Instrument :

BNA_P

ClientSampleId :

PB169149TB

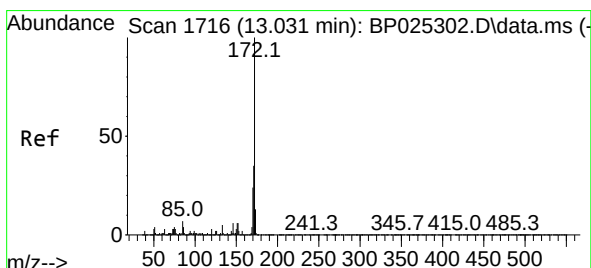
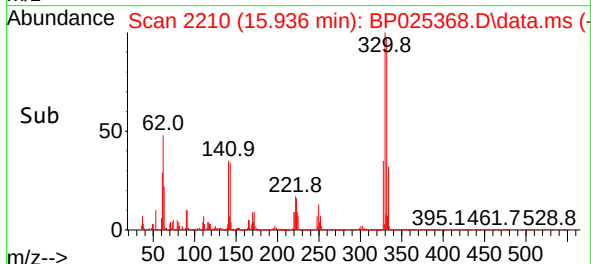
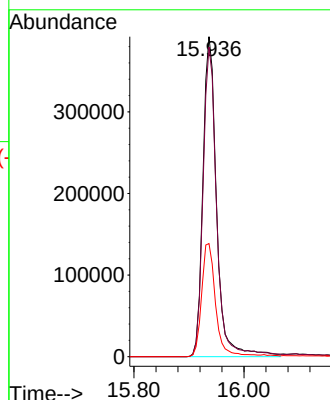
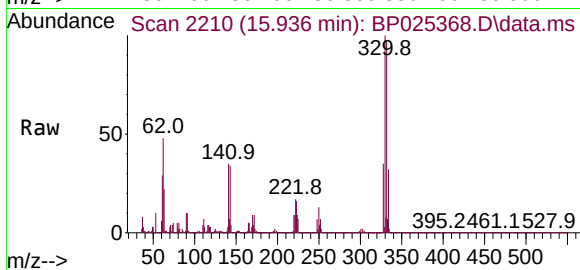
Tgt Ion:330 Resp: 679469

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 36.2 31.7 47.5



#45

2-Fluorobiphenyl

Concen: 78.180 ng

RT: 13.037 min Scan# 1717

Delta R.T. 0.006 min

Lab File: BP025368.D

Acq: 12 Aug 2025 15:40

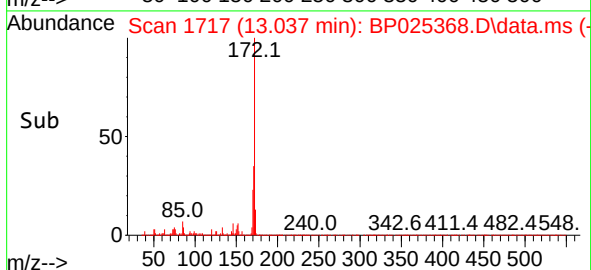
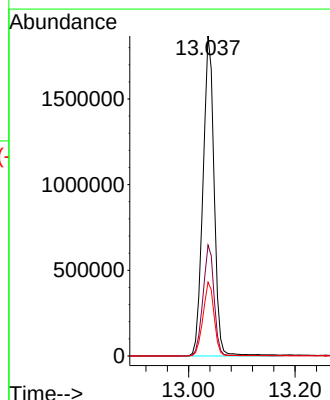
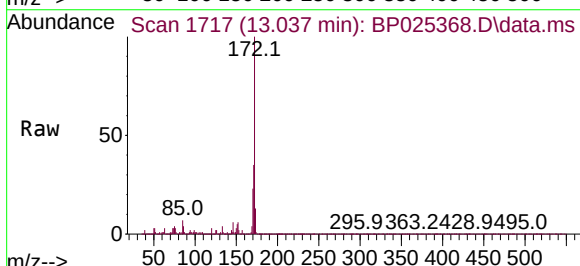
Tgt Ion:172 Resp: 2723558

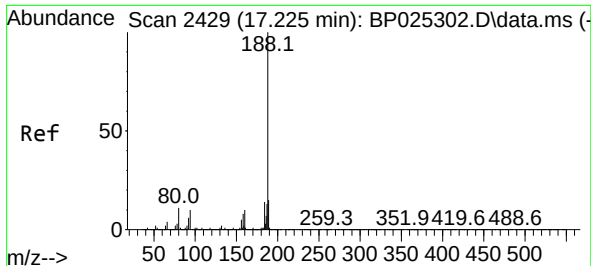
Ion Ratio Lower Upper

172 100

171 34.6 27.9 41.9

170 23.1 18.9 28.3

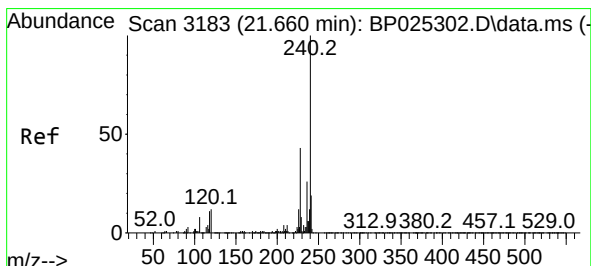
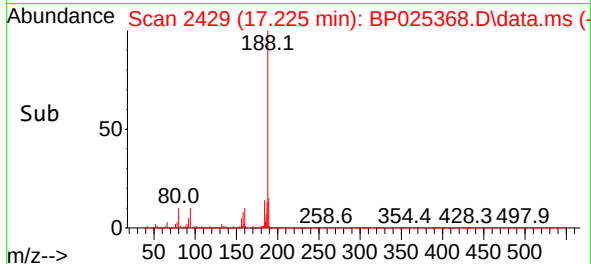
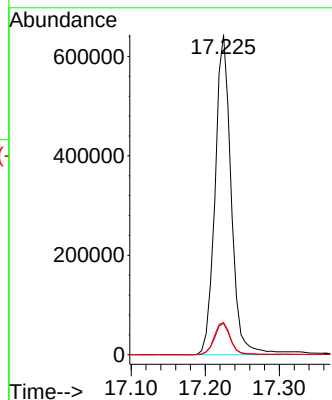
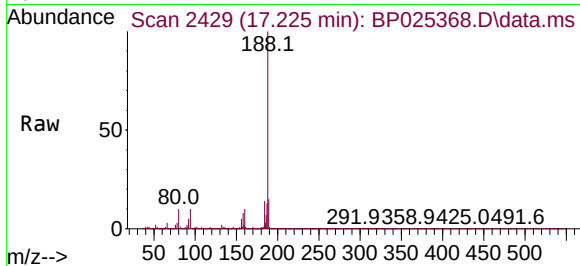




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025368.D
Acq: 12 Aug 2025 15:40

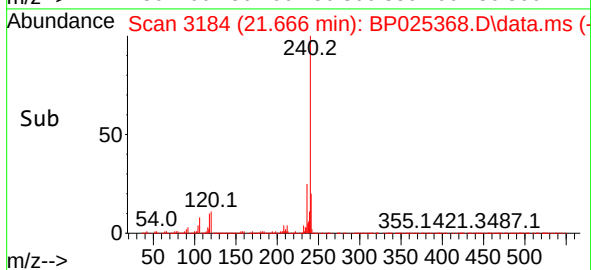
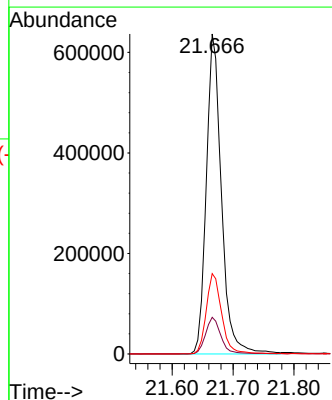
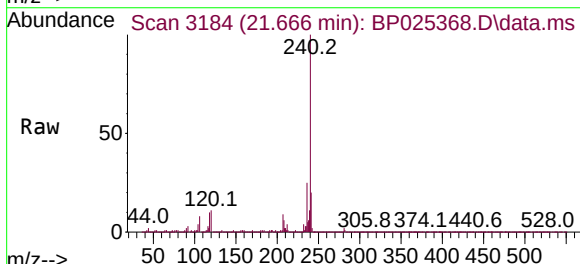
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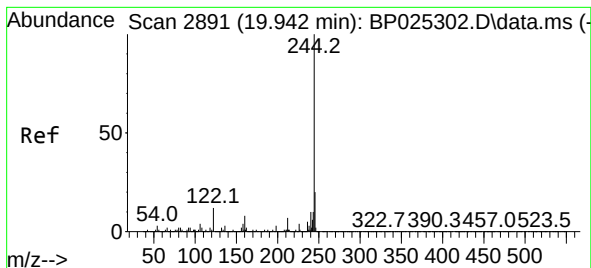
Tgt Ion:188 Resp: 966595
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.1 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.006 min
Lab File: BP025368.D
Acq: 12 Aug 2025 15:40

Tgt Ion:240 Resp: 1099080
Ion Ratio Lower Upper
240 100
120 11.5 9.6 14.4
236 25.1 20.4 30.6





#79

Terphenyl-d14

Concen: 76.433 ng

RT: 19.954 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025368.D

Acq: 12 Aug 2025 15:40

Instrument :

BNA_P

ClientSampleId :

PB169149TB

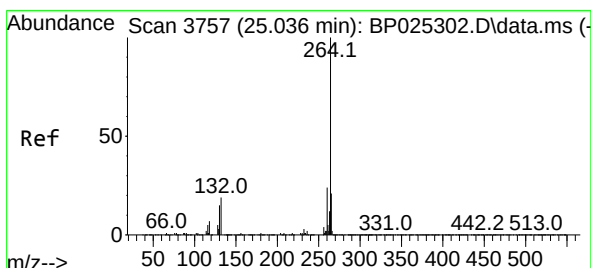
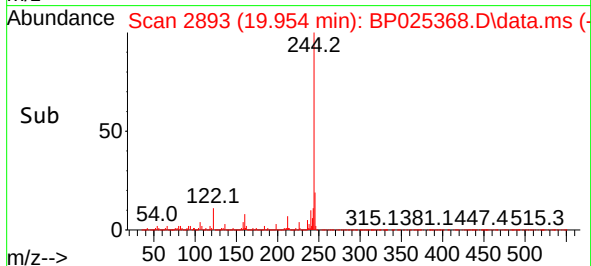
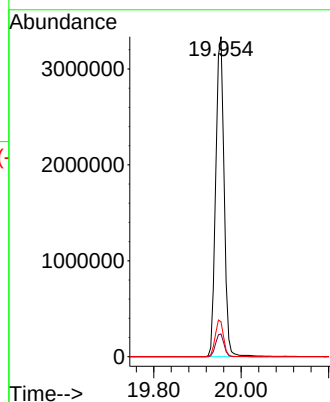
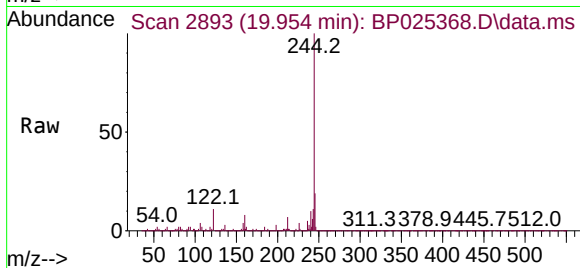
Tgt Ion:244 Resp: 4447639

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.9 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.059 min Scan# 3761

Delta R.T. 0.023 min

Lab File: BP025368.D

Acq: 12 Aug 2025 15:40

Tgt Ion:264 Resp: 1180748

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.8 17.1 25.7

