

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
 Data File : BP025984.D
 Acq On : 21 Oct 2025 13:18
 Operator : RC/JU
 Sample : PB170182BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170182BL

Quant Time: Oct 21 13:39:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 15 23:48:51 2025
 Response via : Initial Calibration

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

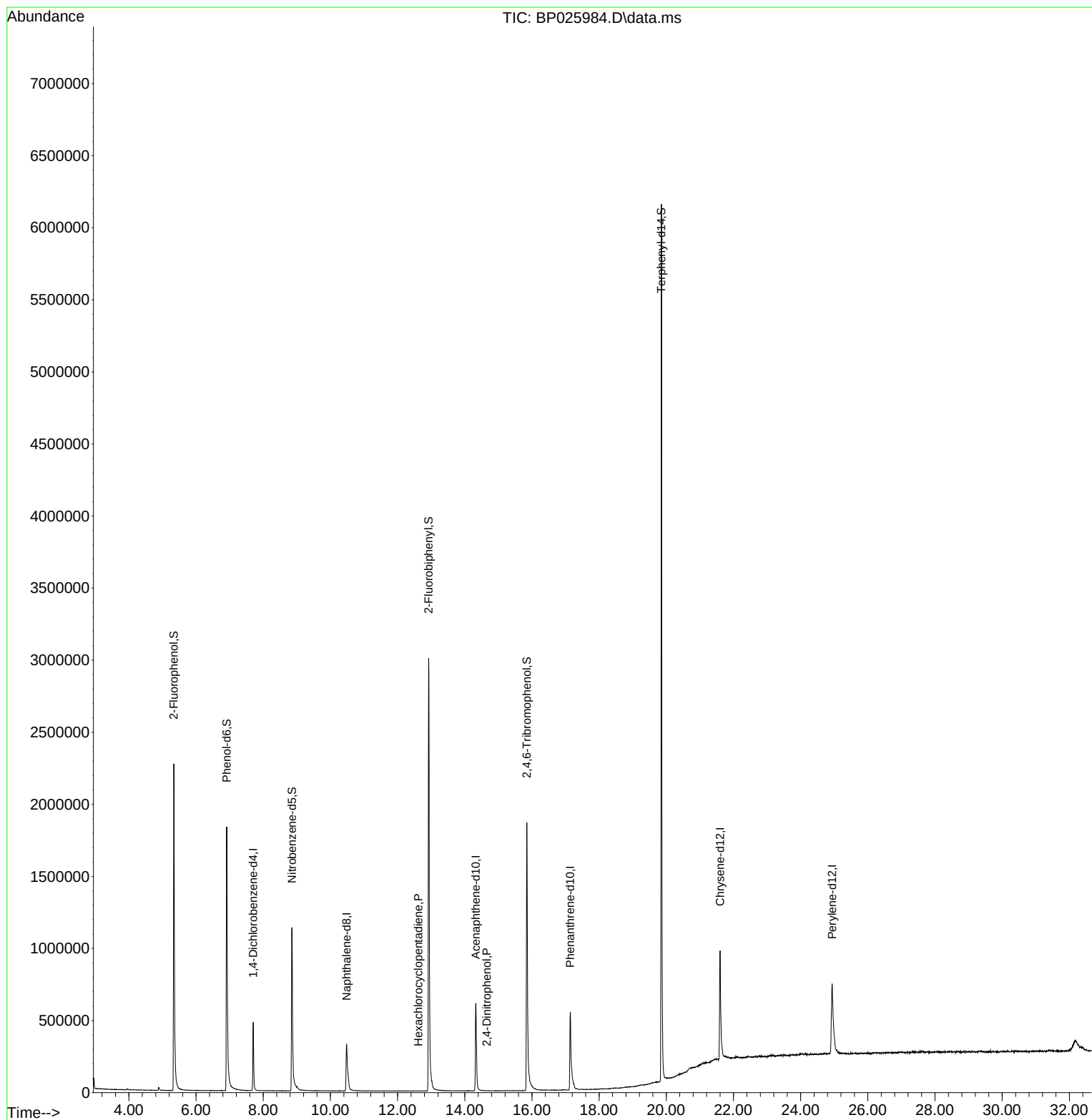
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.702	152	140127	20.000	ng	0.00
21) Naphthalene-d8	10.478	136	522974	20.000	ng	0.02
39) Acenaphthene-d10	14.331	164	330994	20.000	ng	0.01
64) Phenanthrene-d10	17.142	188	651014	20.000	ng	0.02
76) Chrysene-d12	21.601	240	728936	20.000	ng	0.02
86) Perylene-d12	24.936	264	779270	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	1178355	137.871	ng	0.00
7) Phenol-d6	6.914	99	1429517	119.852	ng	0.00
23) Nitrobenzene-d5	8.855	82	911001	78.297	ng	0.00
42) 2,4,6-Tribromophenol	15.848	330	537951	120.726	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	2104254	81.485	ng	0.00
79) Terphenyl-d14	19.854	244	3376802	74.036	ng	0.00
Target Compounds						
41) Hexachlorocyclopentadiene	12.619	237	13	5.383	ng	80
54) 2,4-Dinitrophenol	14.654	184	7	5.440	ng	92

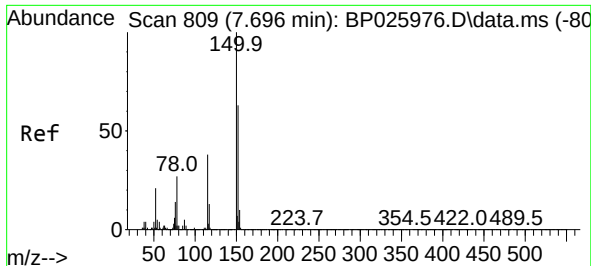
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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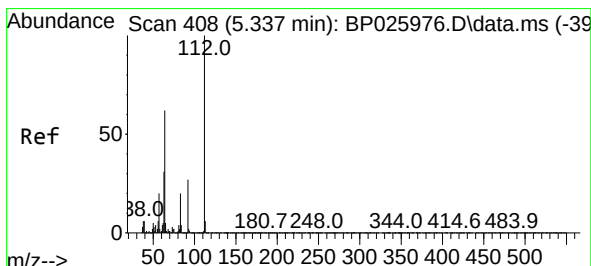
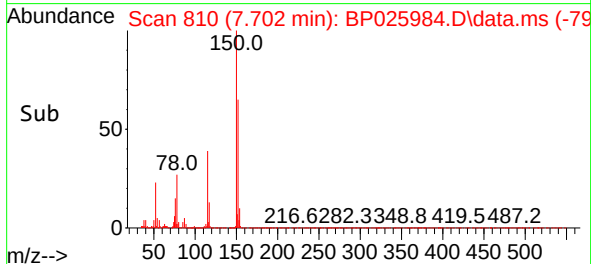
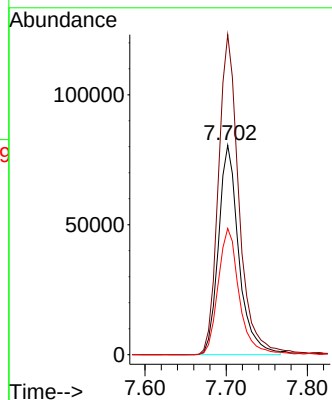
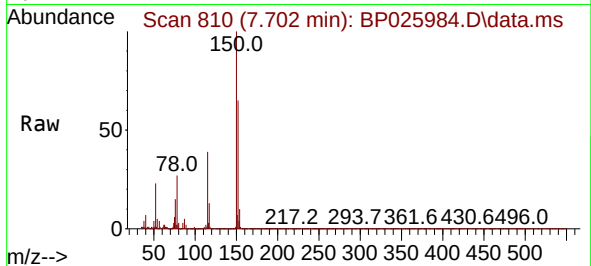




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.702 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BP025984.D
 Acq: 21 Oct 2025 13:18

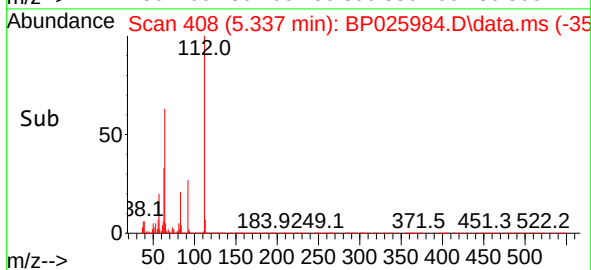
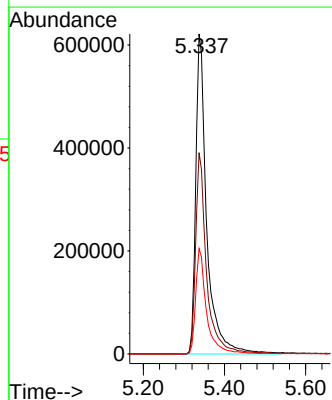
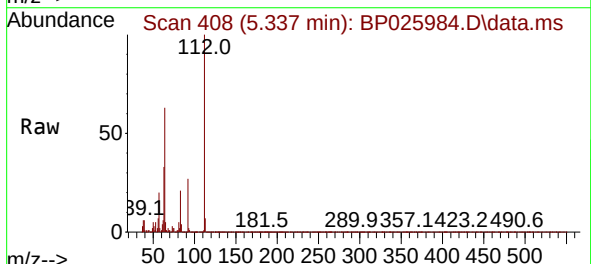
Instrument :
 BNA_P
 ClientSampleId :
 PB170182BL

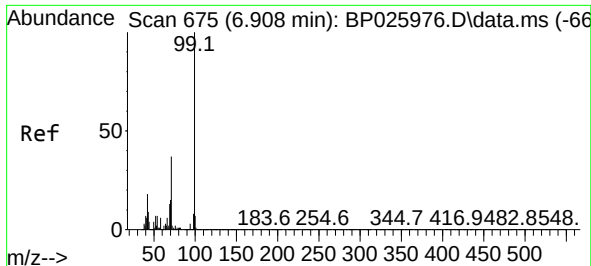
Tgt Ion:152 Resp: 140127
 Ion Ratio Lower Upper
 152 100
 150 152.8 127.3 190.9
 115 60.3 48.7 73.1



#5
 2-Fluorophenol
 Concen: 137.871 ng
 RT: 5.337 min Scan# 408
 Delta R.T. 0.000 min
 Lab File: BP025984.D
 Acq: 21 Oct 2025 13:18

Tgt Ion:112 Resp: 1178355
 Ion Ratio Lower Upper
 112 100
 64 62.9 49.9 74.9
 63 33.0 24.9 37.3

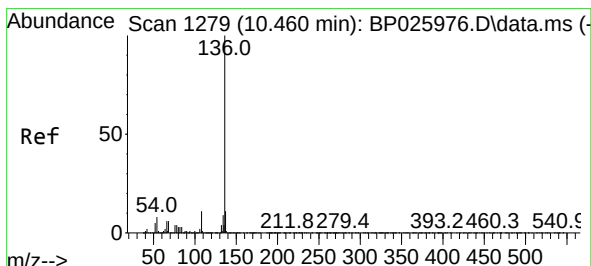
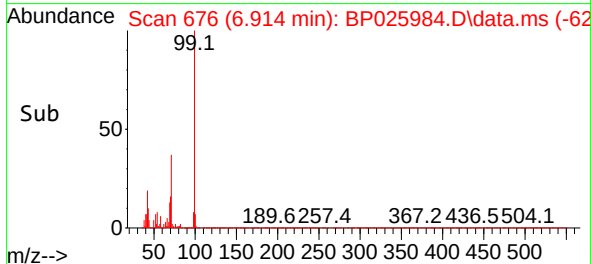
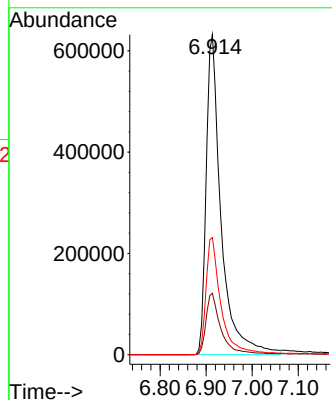
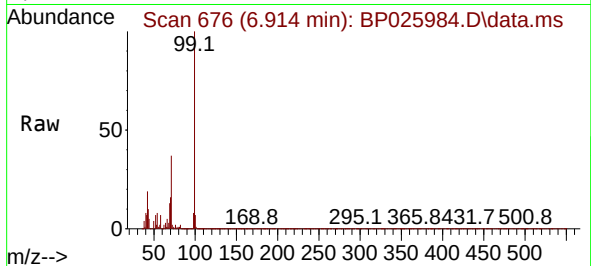




#7
Phenol-d6
Concen: 119.852 ng
RT: 6.914 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

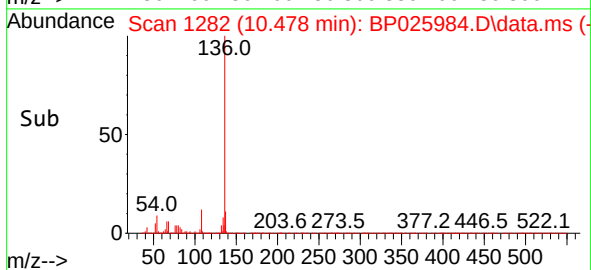
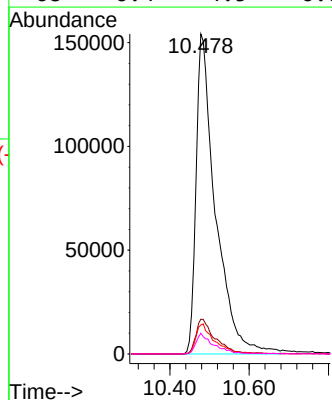
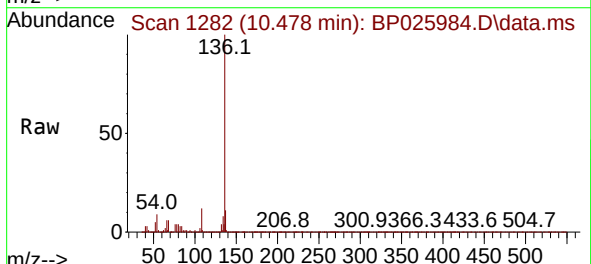
Instrument :
BNA_P
ClientSampleId :
PB170182BL

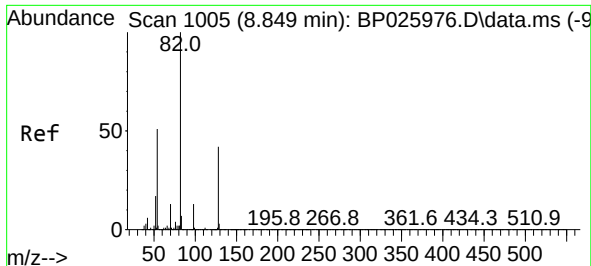
Tgt Ion: 99 Resp: 1429517
Ion Ratio Lower Upper
99 100
42 19.2 14.2 21.4
71 36.6 29.4 44.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.478 min Scan# 1282
Delta R.T. 0.018 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

Tgt Ion:136 Resp: 522974
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.1 6.8 10.2
68 6.4 4.5 6.7

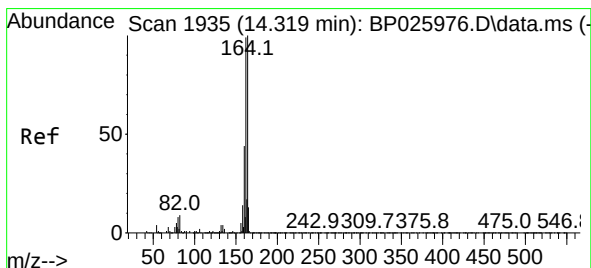
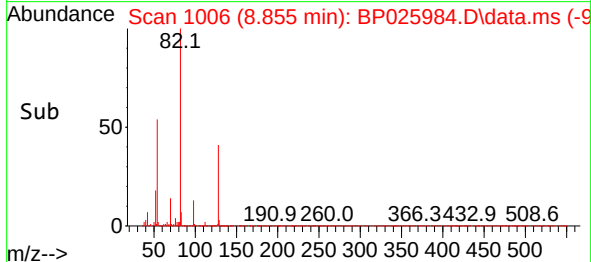
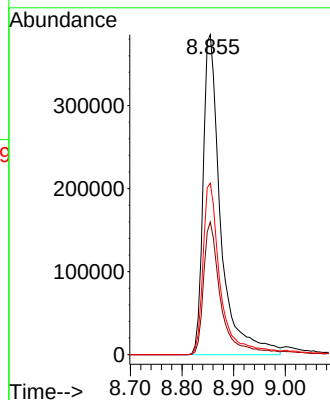
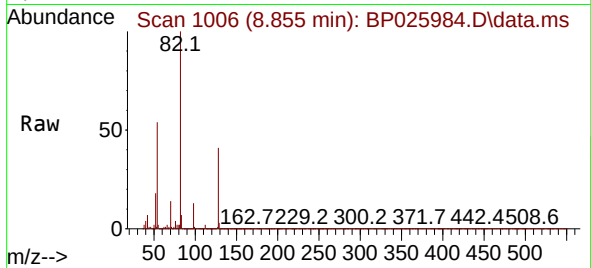




#23
Nitrobenzene-d5
Concen: 78.297 ng
RT: 8.855 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

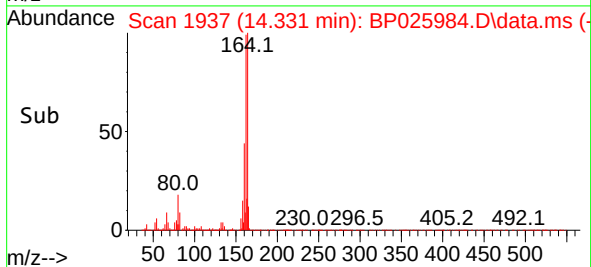
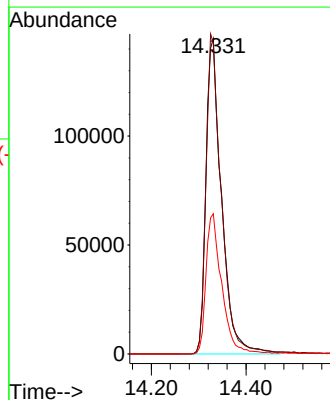
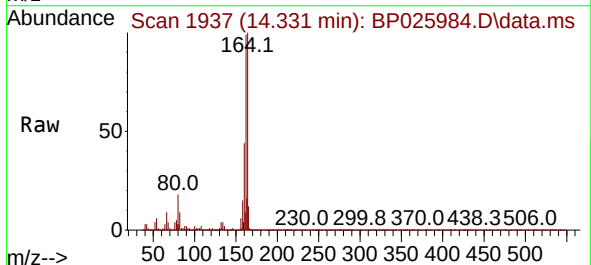
Instrument :
BNA_P
ClientSampleId :
PB170182BL

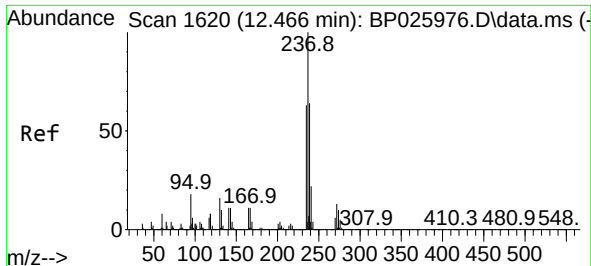
Tgt Ion: 82 Resp: 911001
Ion Ratio Lower Upper
82 100
128 41.4 33.6 50.4
54 53.6 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.331 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

Tgt Ion: 164 Resp: 330994
Ion Ratio Lower Upper
164 100
162 98.6 79.3 118.9
160 44.5 35.4 53.0

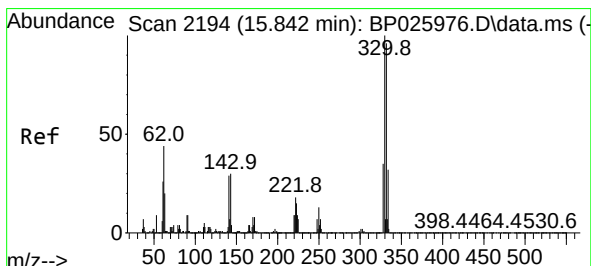
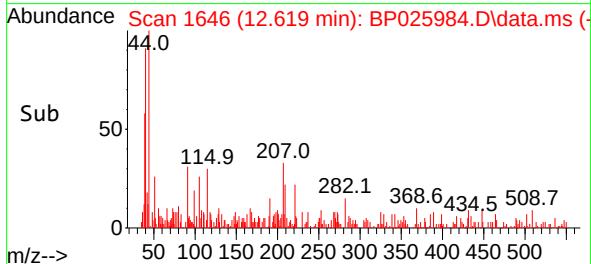
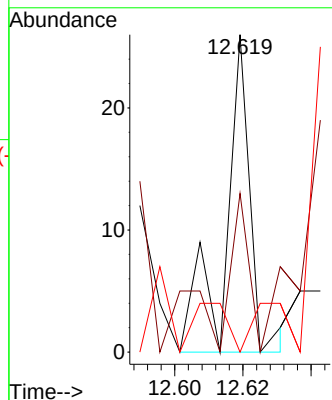
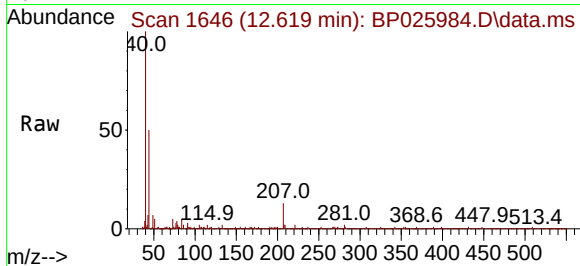




#41
Hexachlorocyclopentadiene
Concen: 5.383 ng
RT: 12.619 min Scan# 1
Delta R.T. 0.153 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

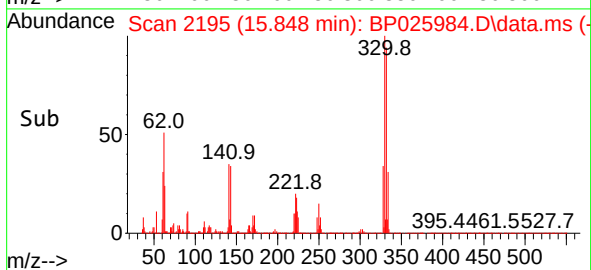
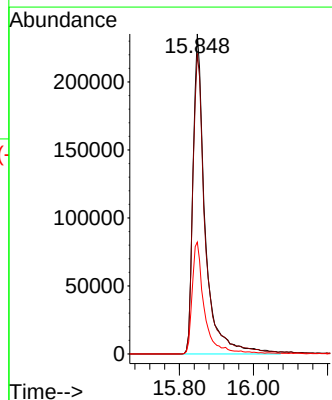
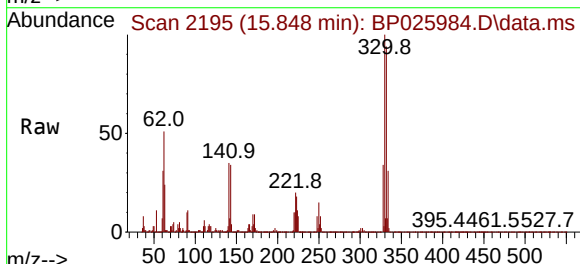
Instrument :
BNA_P
ClientSampleId :
PB170182BL

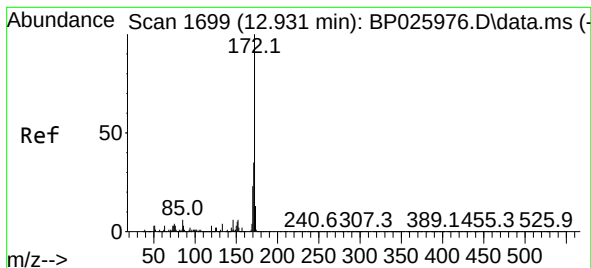
Tgt Ion:	237	Resp:	13
Ion	Ratio	Lower	Upper
237	100		
235	50.0	43.1	83.1
272	0.0	0.0	33.4



#42
2,4,6-Tribromophenol
Concen: 120.726 ng
RT: 15.848 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

Tgt Ion:	330	Resp:	537951
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.8	116.8
141	35.3	25.6	38.4





#45

2-Fluorobiphenyl

Concen: 81.485 ng

RT: 12.925 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025984.D

Acq: 21 Oct 2025 13:18

Instrument :

BNA_P

ClientSampleId :

PB170182BL

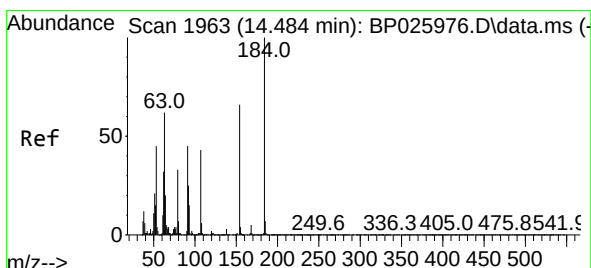
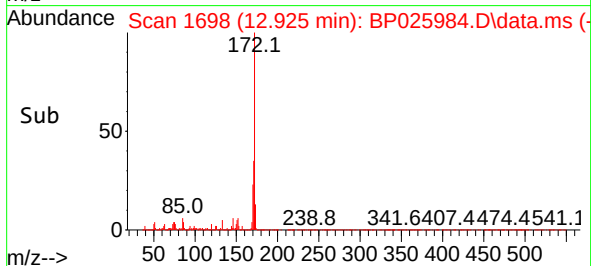
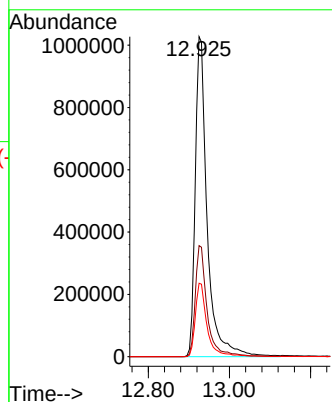
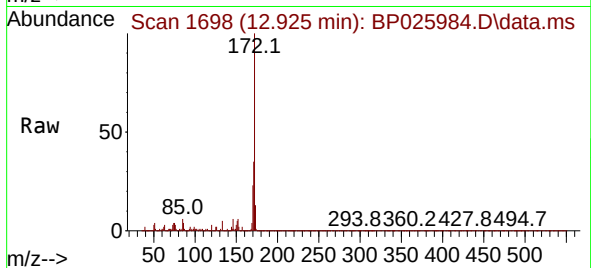
Tgt Ion:172 Resp: 2104254

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.8

170 23.0 18.5 27.7



#54

2,4-Dinitrophenol

Concen: 5.440 ng

RT: 14.654 min Scan# 1992

Delta R.T. 0.171 min

Lab File: BP025984.D

Acq: 21 Oct 2025 13:18

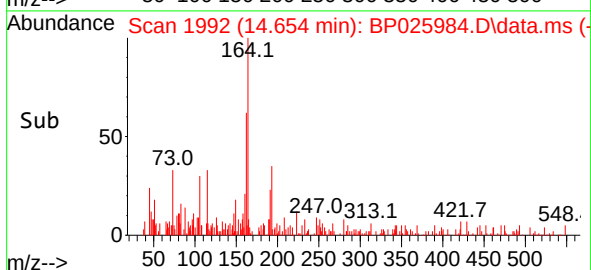
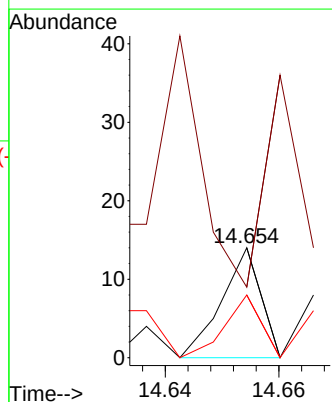
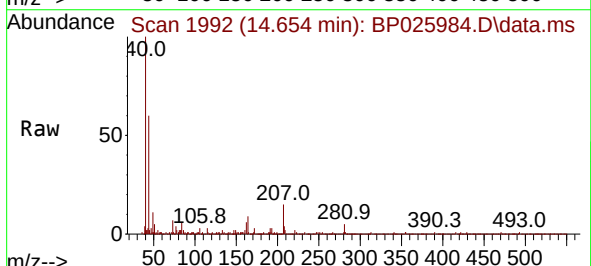
Tgt Ion:184 Resp: 7

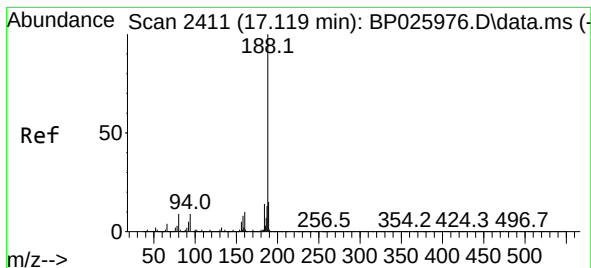
Ion Ratio Lower Upper

184 100

63 64.3 50.2 75.2

154 57.1 54.2 81.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.142 min Scan# 2411

Delta R.T. 0.024 min

Lab File: BP025984.D

Acq: 21 Oct 2025 13:18

Instrument :

BNA_P

ClientSampleId :

PB170182BL

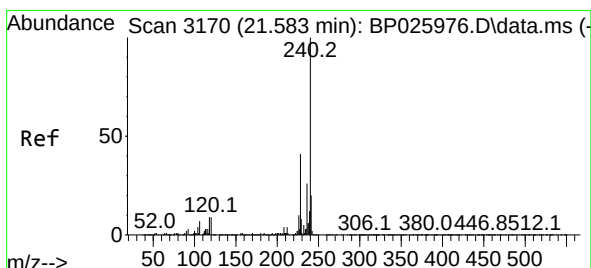
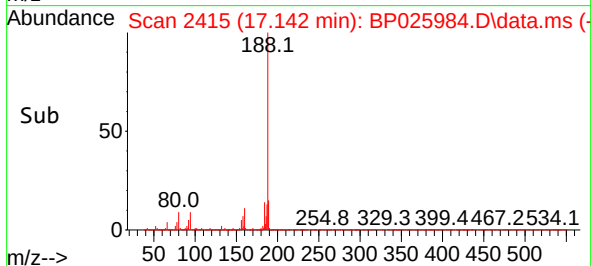
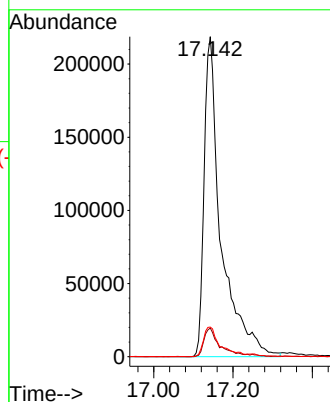
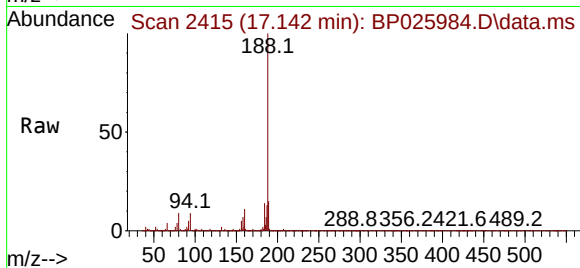
Tgt Ion:188 Resp: 651014

Ion Ratio Lower Upper

188 100

94 8.9 6.8 10.2

80 9.2 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.601 min Scan# 3173

Delta R.T. 0.018 min

Lab File: BP025984.D

Acq: 21 Oct 2025 13:18

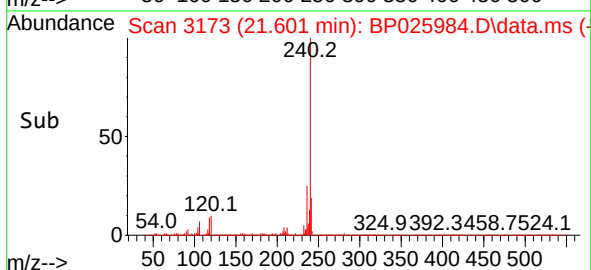
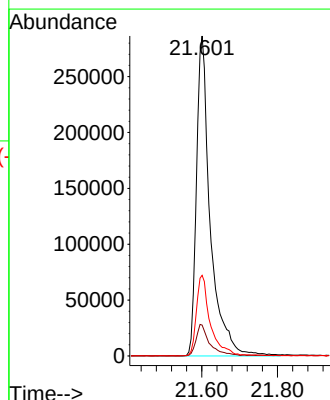
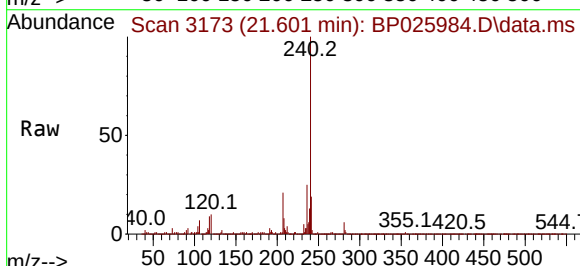
Tgt Ion:240 Resp: 728936

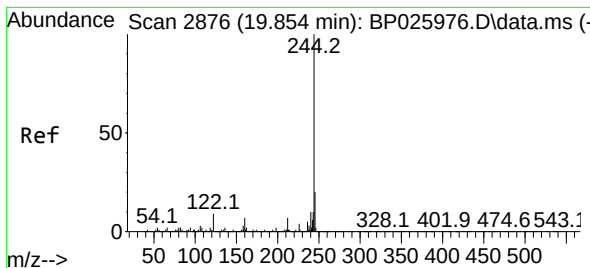
Ion Ratio Lower Upper

240 100

120 9.7 7.4 11.0

236 25.2 20.4 30.6





#79

Terphenyl-d14

Concen: 74.036 ng

RT: 19.854 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025984.D

Acq: 21 Oct 2025 13:18

Instrument :

BNA_P

ClientSampleId :

PB170182BL

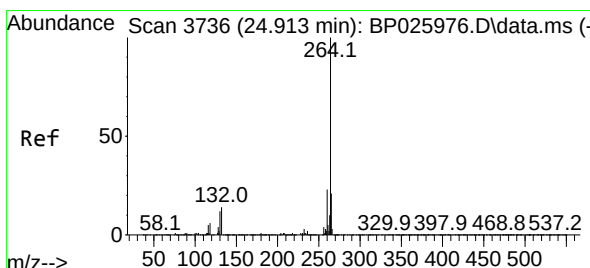
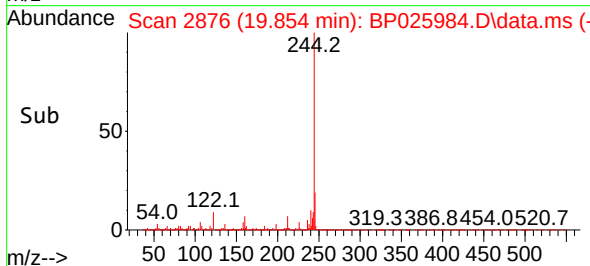
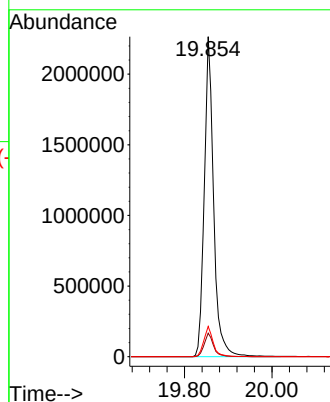
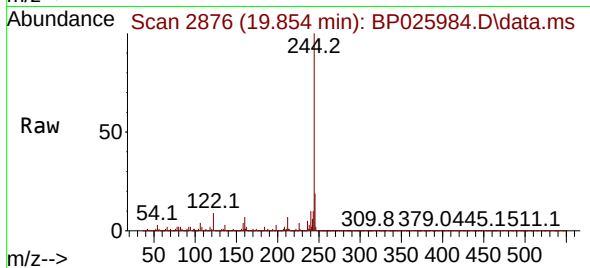
Tgt Ion:244 Resp: 3376802

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 9.5 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.936 min Scan# 3740

Delta R.T. 0.024 min

Lab File: BP025984.D

Acq: 21 Oct 2025 13:18

Tgt Ion:264 Resp: 779270

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 22.2 17.7 26.5

