

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100725\
 Data File : BP025941.D
 Acq On : 07 Oct 2025 13:01
 Operator : CG/JU
 Sample : PB169995BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169995BL

Quant Time: Oct 07 13:25:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 19:16:54 2025
 Response via : Initial Calibration

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

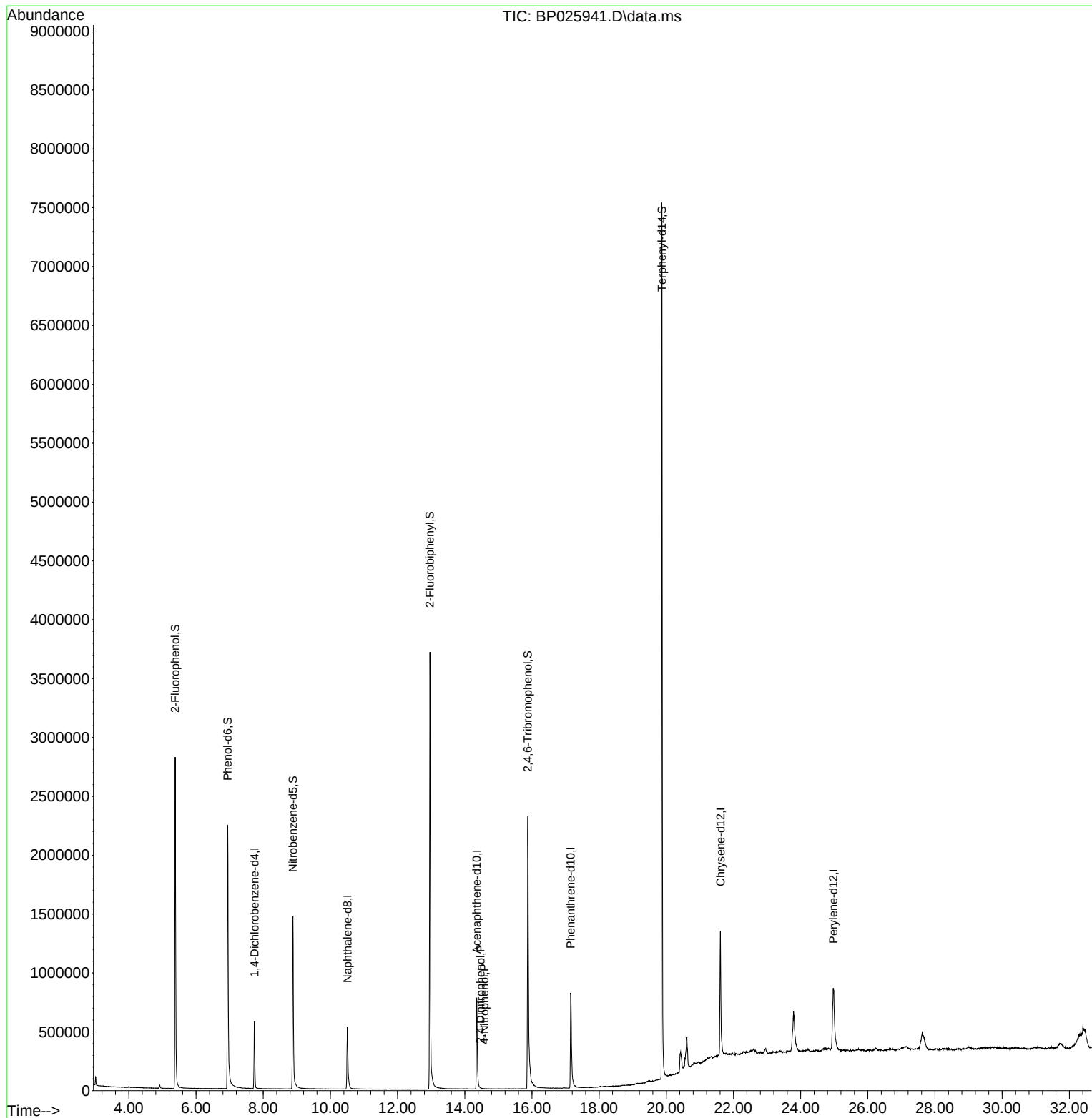
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	161488	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	590882	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	381445	20.000	ng	-0.02
64) Phenanthrene-d10	17.154	188	796284	20.000	ng	-0.03
76) Chrysene-d12	21.613	240	849961	20.000	ng	-0.03
86) Perylene-d12	24.971	264	886103	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1372933	137.180	ng	0.00
7) Phenol-d6	6.943	99	1651604	124.155	ng	0.00
23) Nitrobenzene-d5	8.884	82	1077352	80.427	ng	-0.02
42) 2,4,6-Tribromophenol	15.878	330	711093	149.459	ng	-0.03
45) 2-Fluorobiphenyl	12.960	172	2375306	82.915	ng	-0.03
79) Terphenyl-d14	19.872	244	4078817	86.330	ng	-0.04
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.466	184	23	4.830	ng	# 37
56) 4-Nitrophenol	14.584	139	22	4.486	ng	# 1

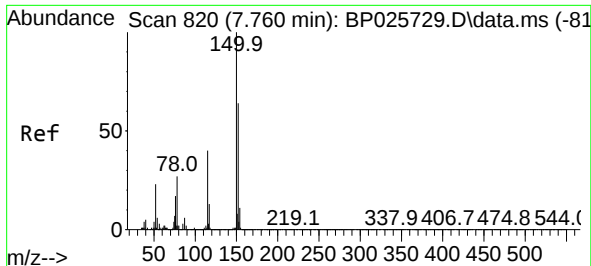
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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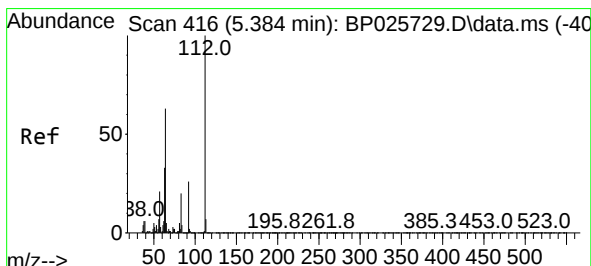
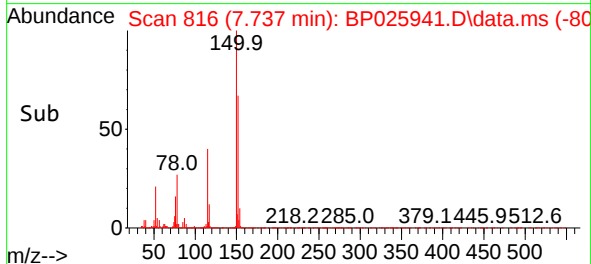
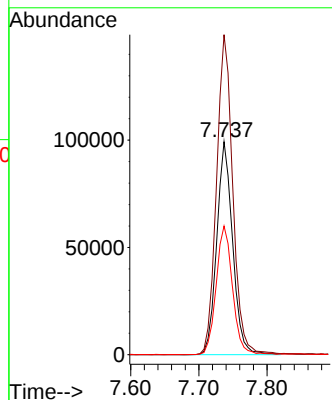
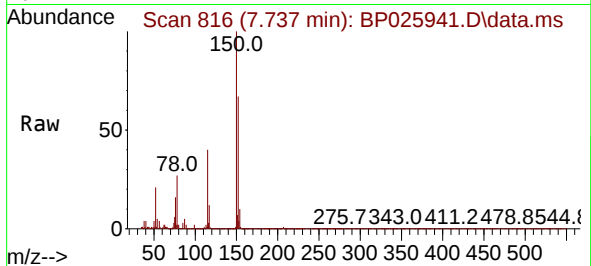




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.737 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BP025941.D
 Acq: 07 Oct 2025 13:01

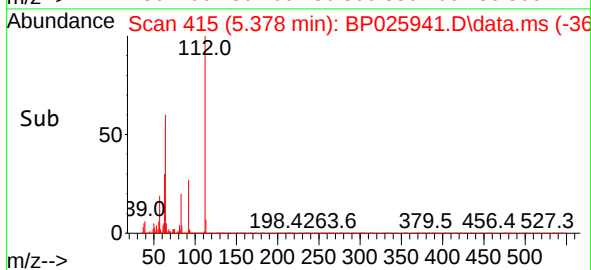
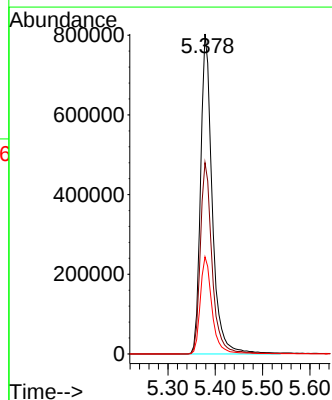
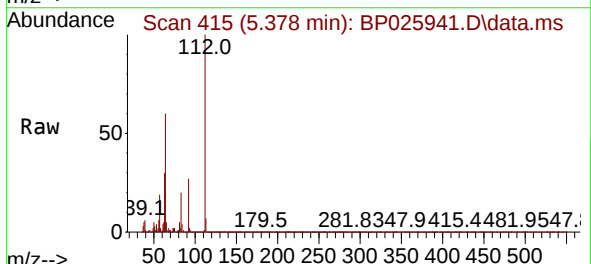
Instrument :
 BNA_P
 ClientSampleId :
 PB169995BL

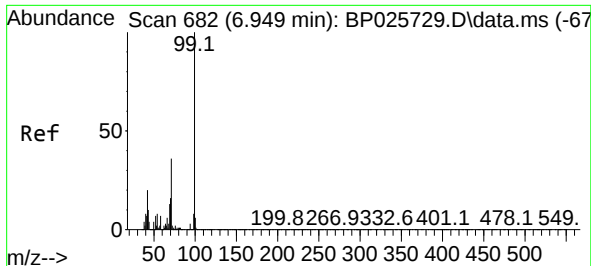
Tgt Ion:152 Resp: 161488
 Ion Ratio Lower Upper
 152 100
 150 150.2 124.3 186.5
 115 60.4 50.3 75.5



#5
 2-Fluorophenol
 Concen: 137.180 ng
 RT: 5.378 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: BP025941.D
 Acq: 07 Oct 2025 13:01

Tgt Ion:112 Resp: 1372933
 Ion Ratio Lower Upper
 112 100
 64 59.8 50.2 75.4
 63 30.4 26.7 40.1

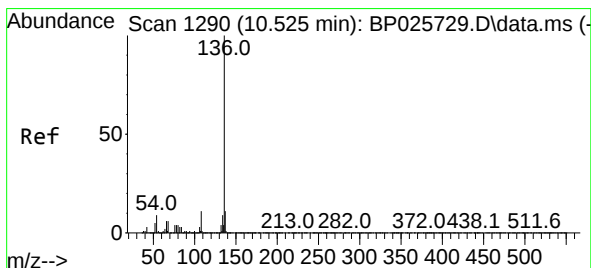
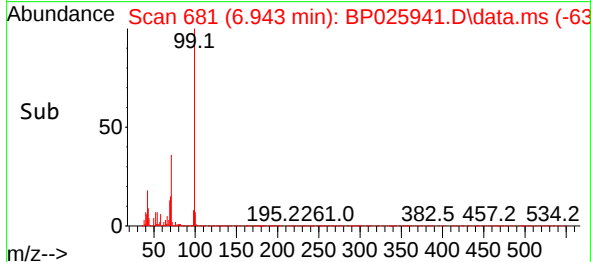
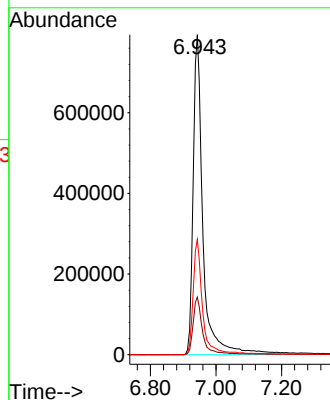
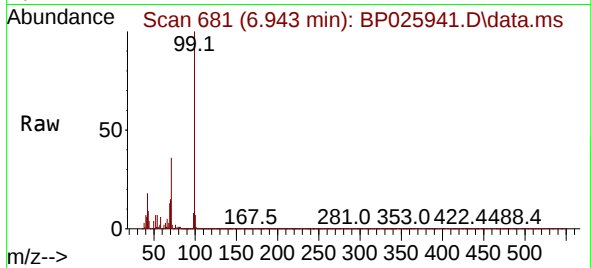




#7
Phenol-d6
Concen: 124.155 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025941.D
Acq: 07 Oct 2025 13:01

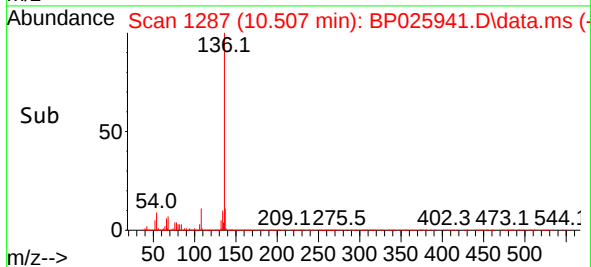
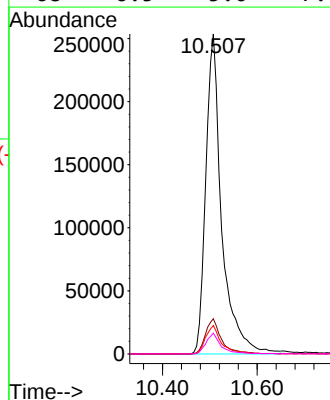
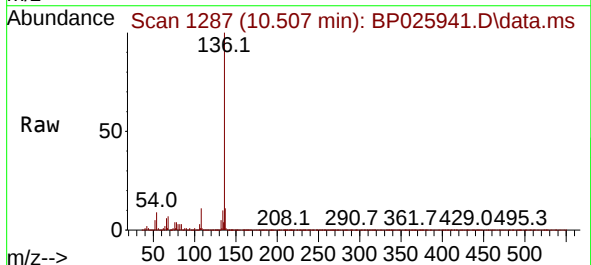
Instrument :
BNA_P
ClientSampleId :
PB169995BL

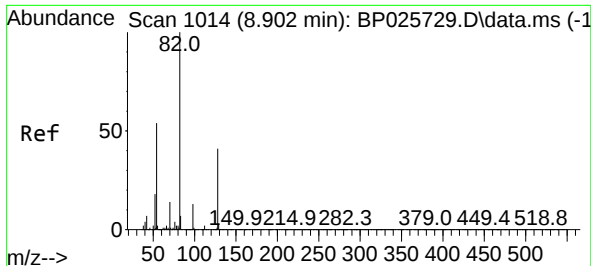
Tgt Ion: 99 Resp: 1651604
Ion Ratio Lower Upper
99 100
42 18.0 15.6 23.4
71 36.0 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025941.D
Acq: 07 Oct 2025 13:01

Tgt Ion:136 Resp: 590882
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.9 7.5 11.3
68 6.5 5.0 7.6

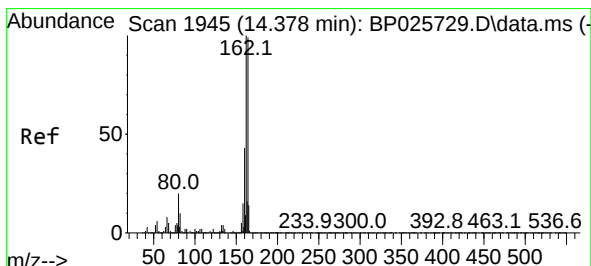
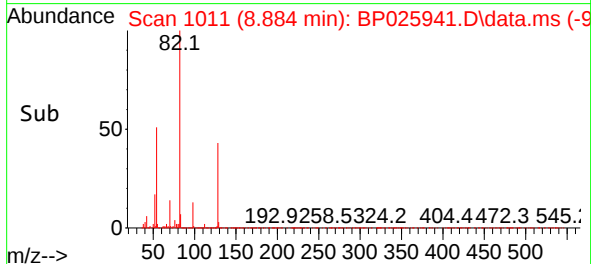
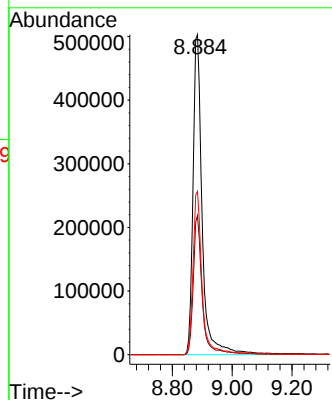
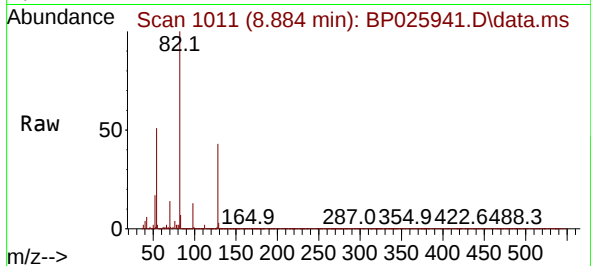




#23
Nitrobenzene-d5
Concen: 80.427 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025941.D
Acq: 07 Oct 2025 13:01

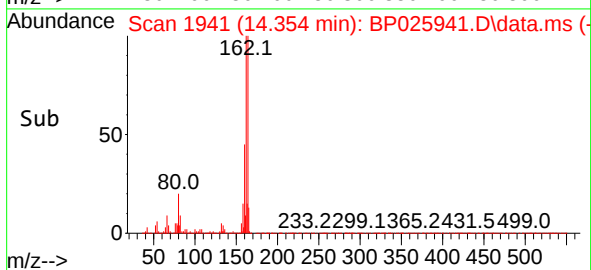
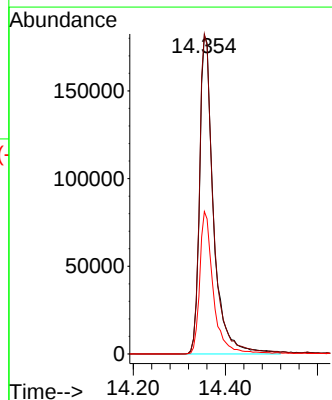
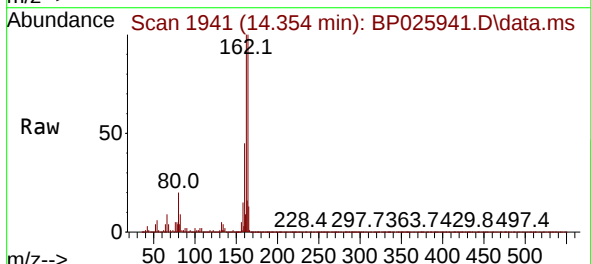
Instrument :
BNA_P
ClientSampleId :
PB169995BL

Tgt Ion: 82 Resp: 1077352
Ion Ratio Lower Upper
82 100
128 43.5 32.9 49.3
54 51.0 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.024 min
Lab File: BP025941.D
Acq: 07 Oct 2025 13:01

Tgt Ion:164 Resp: 381445
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 44.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 149.459 ng

RT: 15.878 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP025941.D

Acq: 07 Oct 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB169995BL

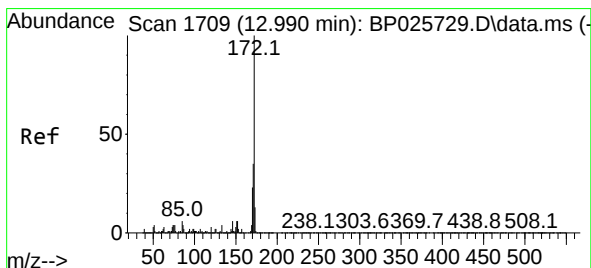
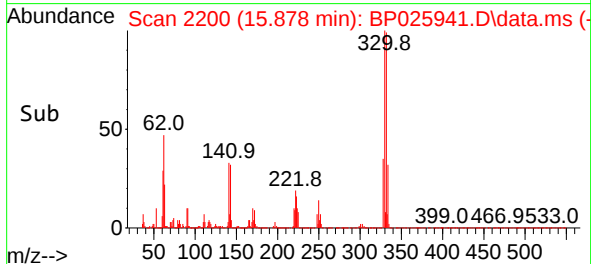
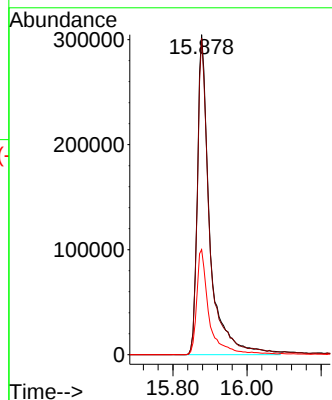
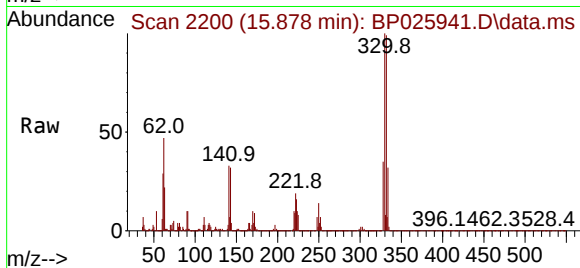
Tgt Ion:330 Resp: 711093

Ion Ratio Lower Upper

330 100

332 97.4 76.9 115.3

141 32.0 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 82.915 ng

RT: 12.960 min Scan# 1704

Delta R.T. -0.029 min

Lab File: BP025941.D

Acq: 07 Oct 2025 13:01

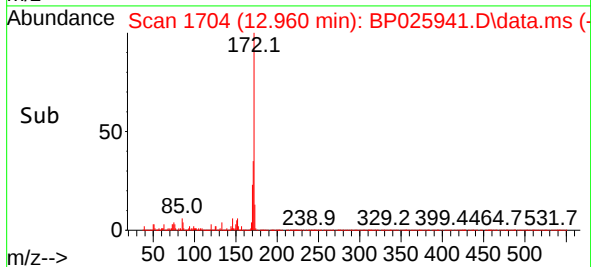
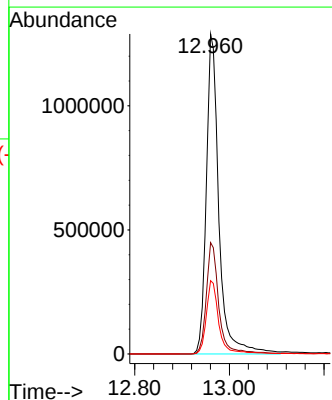
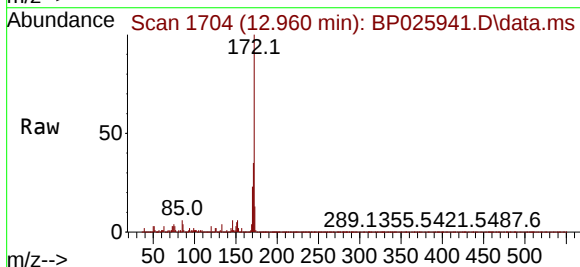
Tgt Ion:172 Resp: 2375306

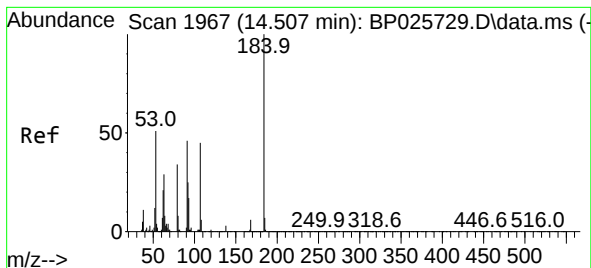
Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.6

170 22.9 18.6 27.8

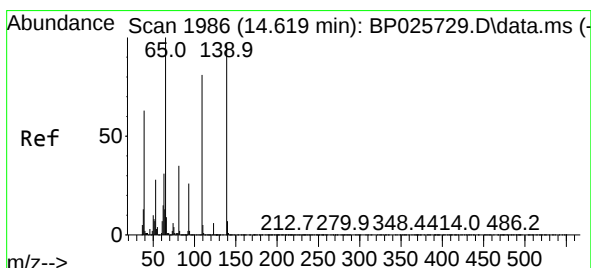
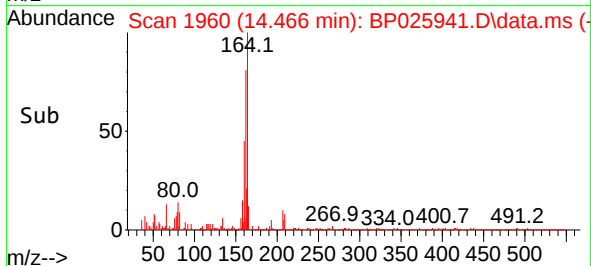
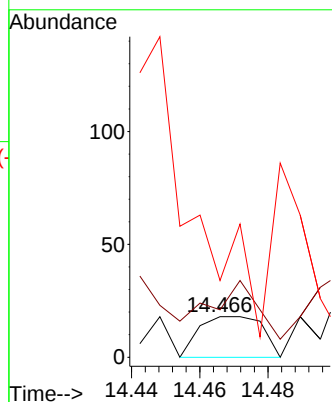
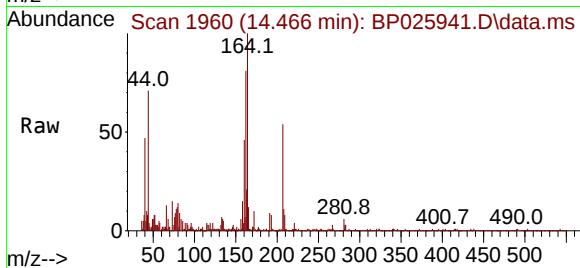




#54
2,4-Dinitrophenol
Concen: 4.830 ng
RT: 14.466 min Scan# 1960
Delta R.T. -0.041 min
Lab File: BP025941.D
Acq: 07 Oct 2025 13:01

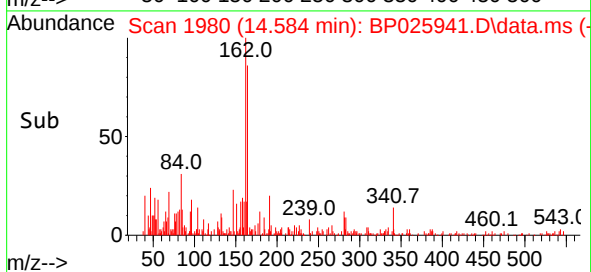
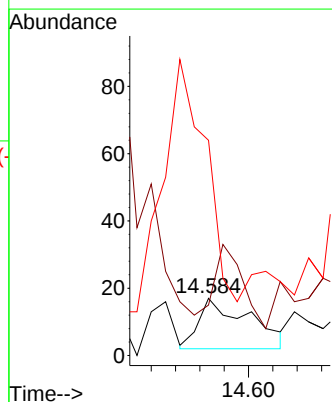
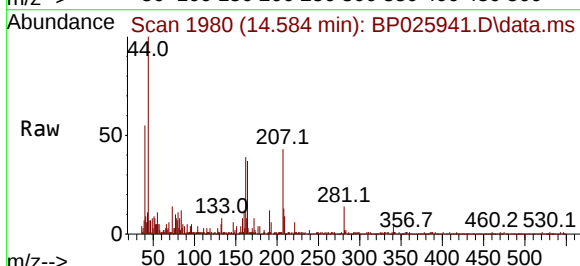
Instrument :
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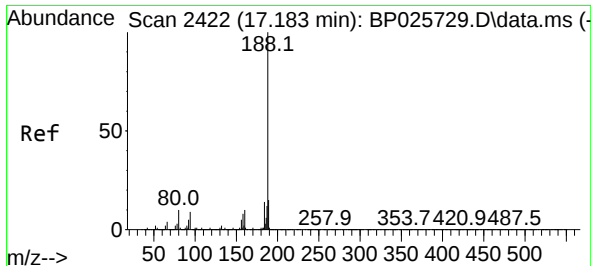
Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 87.5 52.5 78.7#
154 141.7 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.486 ng
RT: 14.584 min Scan# 1980
Delta R.T. -0.035 min
Lab File: BP025941.D
Acq: 07 Oct 2025 13:01

Tgt Ion:139 Resp: 22
Ion Ratio Lower Upper
139 100
109 88.2 62.9 102.9
65 376.5 83.4 123.4#

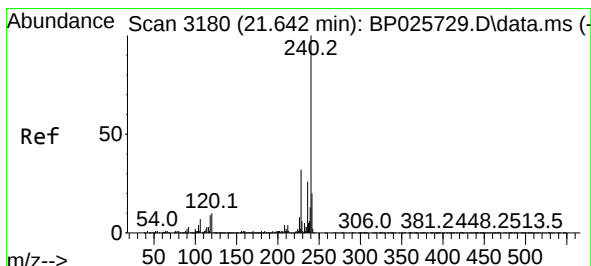
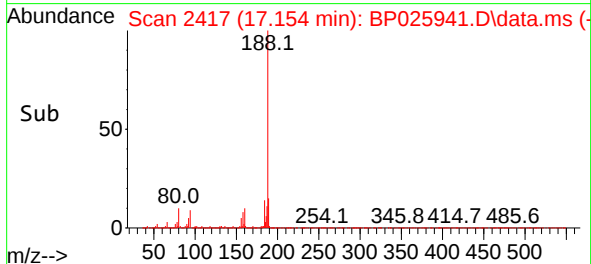
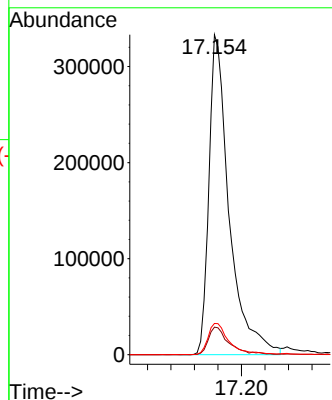
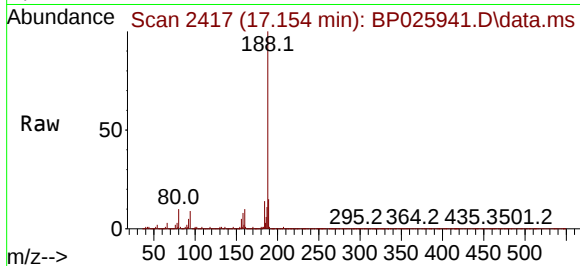




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.154 min Scan# 2417
Delta R.T. -0.029 min
Lab File: BP025941.D
Acq: 07 Oct 2025 13:01

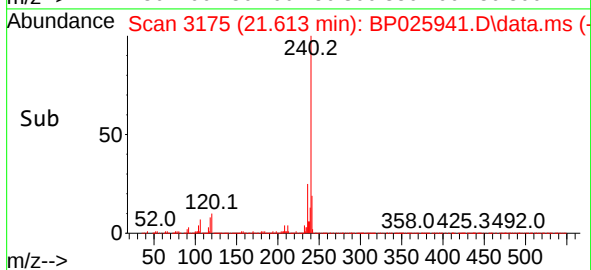
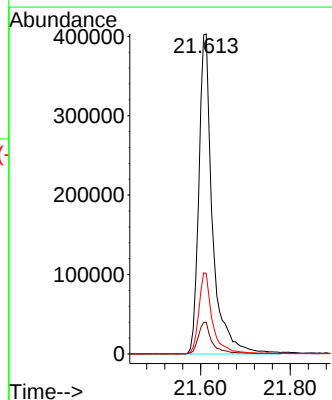
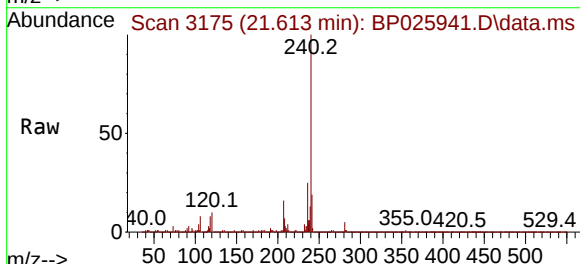
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PB169995BL

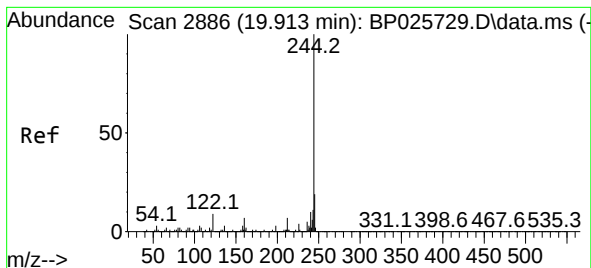
Tgt Ion:188 Resp: 796284
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 9.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.029 min
Lab File: BP025941.D
Acq: 07 Oct 2025 13:01

Tgt Ion:240 Resp: 849961
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 86.330 ng

RT: 19.872 min Scan# 21

Delta R.T. -0.041 min

Lab File: BP025941.D

Acq: 07 Oct 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB169995BL

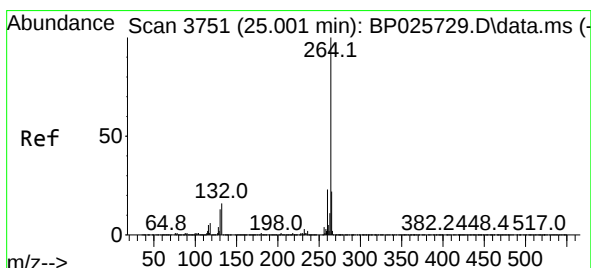
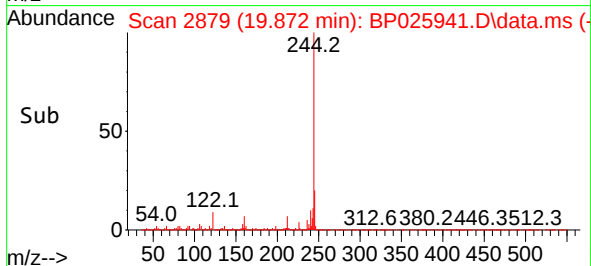
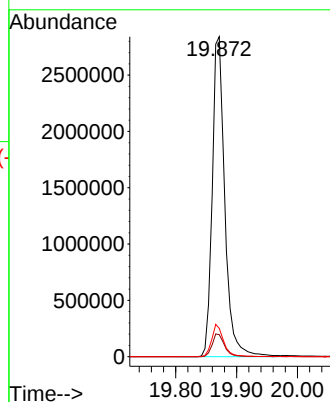
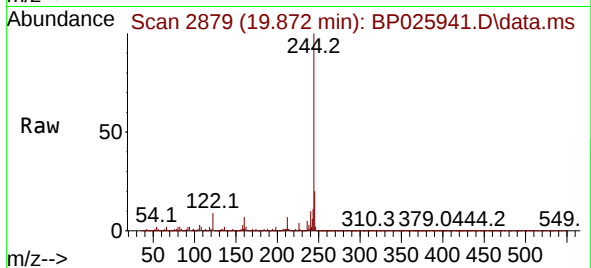
Tgt Ion:244 Resp: 4078817

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 8.9 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.971 min Scan# 3746

Delta R.T. -0.029 min

Lab File: BP025941.D

Acq: 07 Oct 2025 13:01

Tgt Ion:264 Resp: 886103

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 22.2 17.3 25.9

