

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

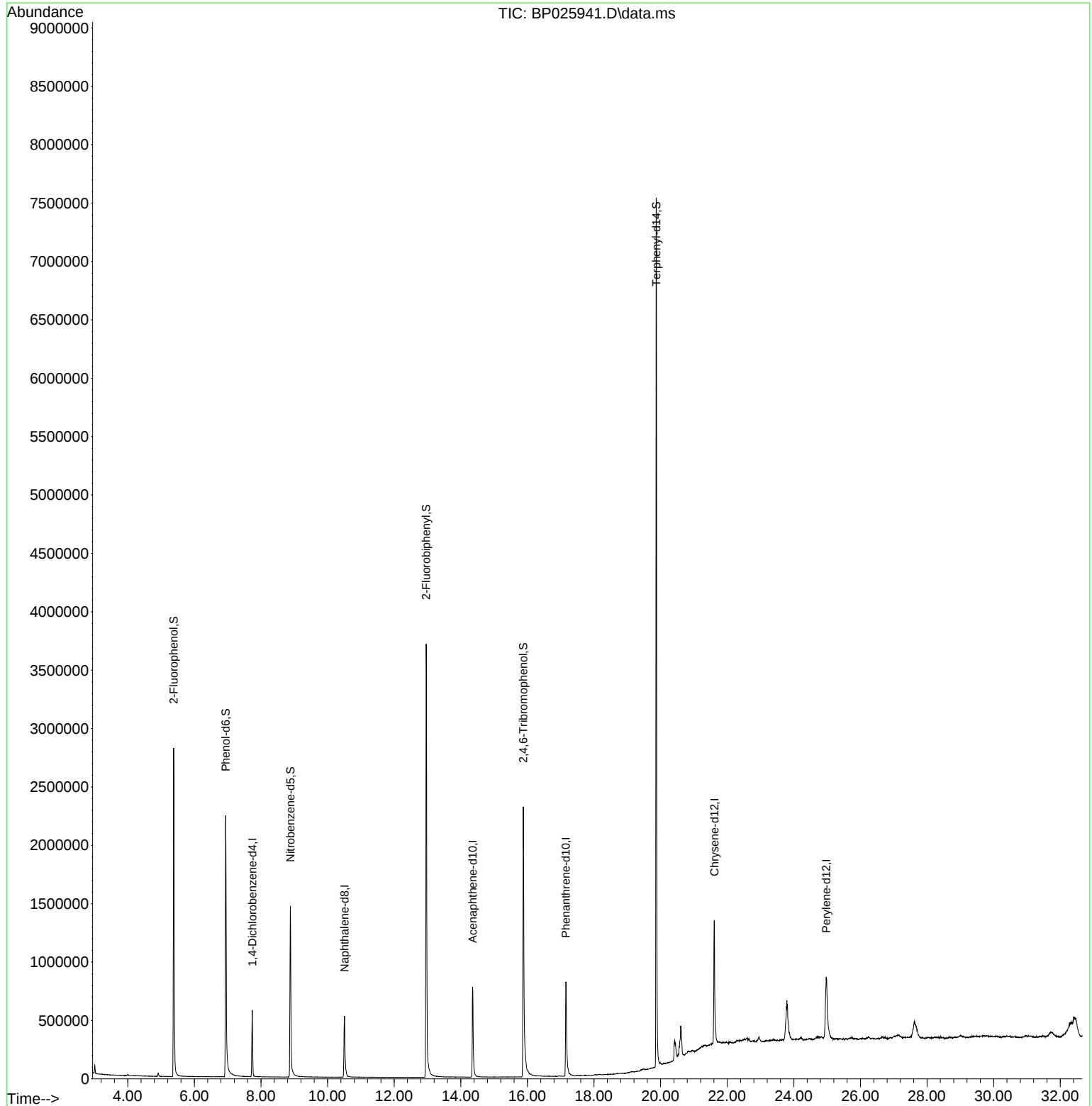
Target Compounds	Qvalue

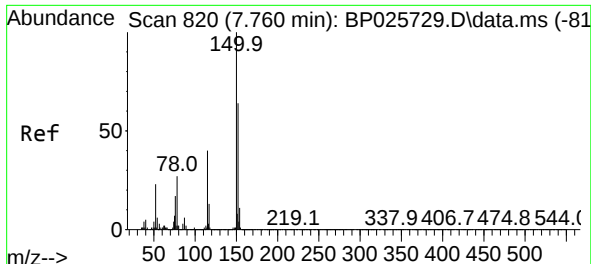
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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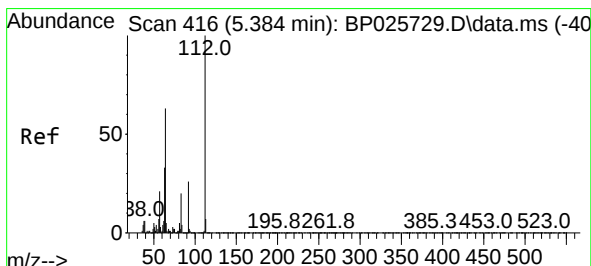
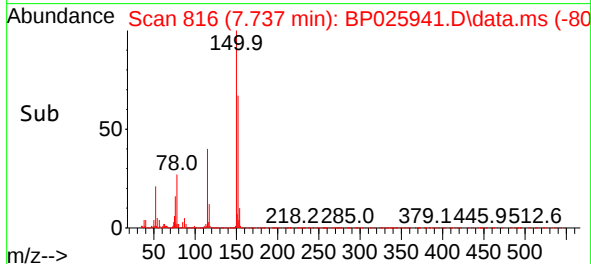
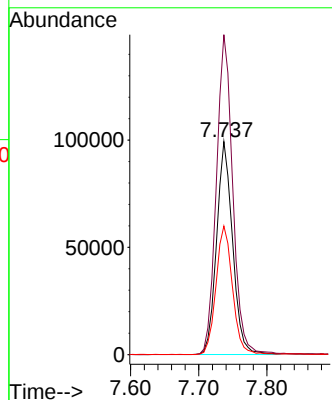
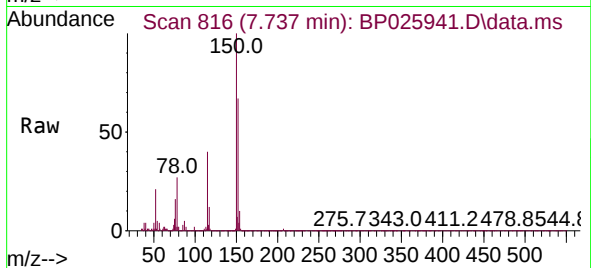




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025941.D
Acq: 07 Oct 2025 13:01

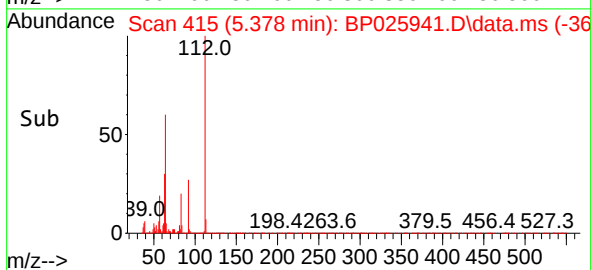
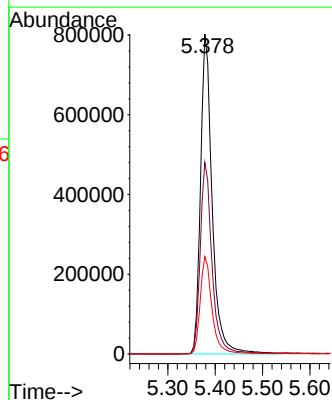
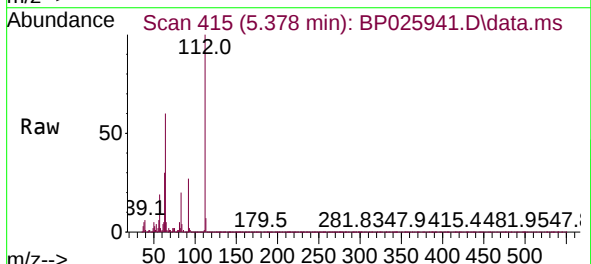
Instrument :
BNA_P
ClientSampleId :
PB169995BL

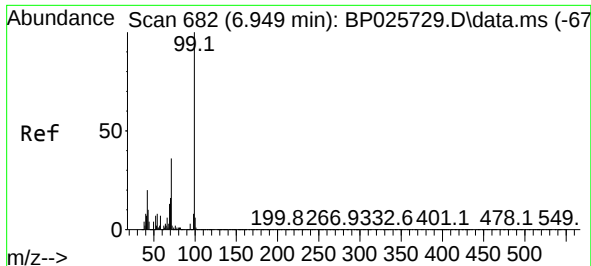
Tgt Ion:152 Resp: 161488
Ion Ratio Lower Upper
152 100
150 150.2 124.3 186.5
115 60.4 50.3 75.5



#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

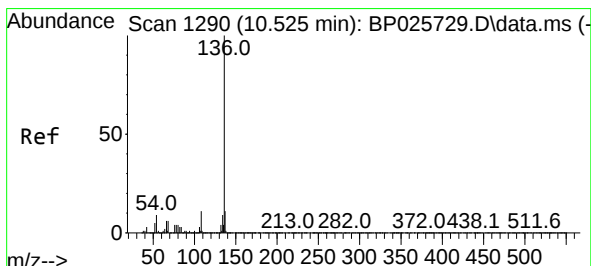
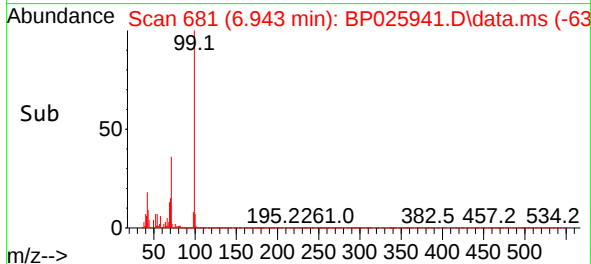
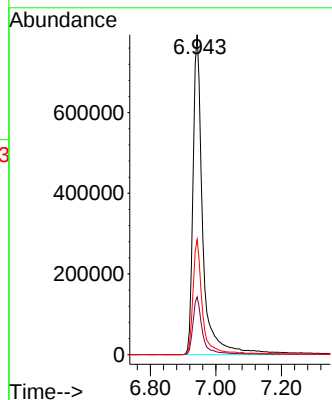
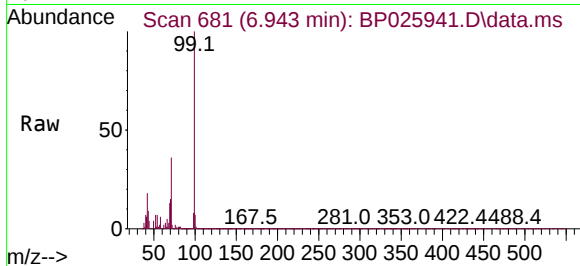




#7
Phenol-d6
Concen: 124.155 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025941.D
Acq: 07 Oct 2025 13:01

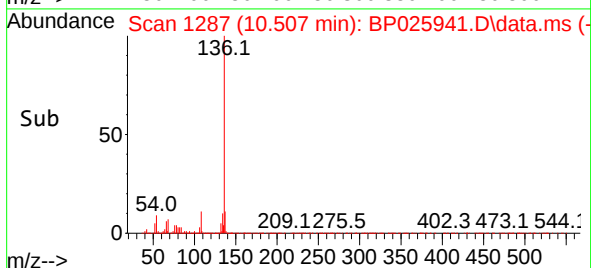
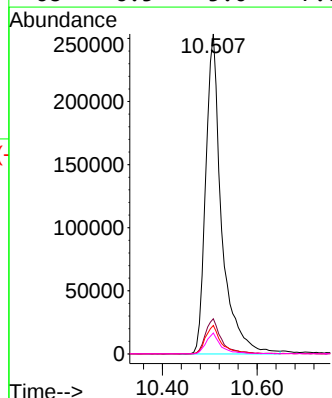
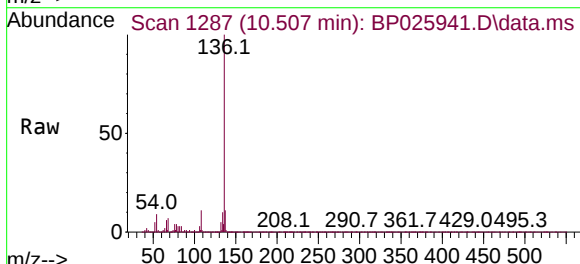
Instrument :
BNA_P
ClientSampleId :
PB169995BL

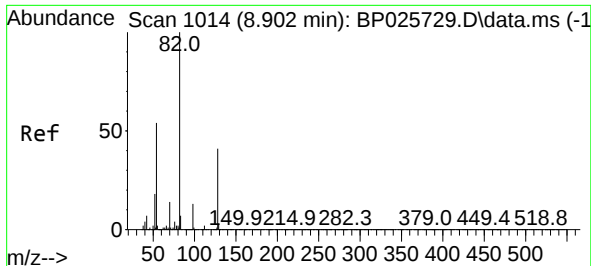
Tgt Ion: 99 Resp: 1651604
Ion Ratio Lower Upper
99 100
42 18.0 15.6 23.4
71 36.0 28.6 43.0



#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

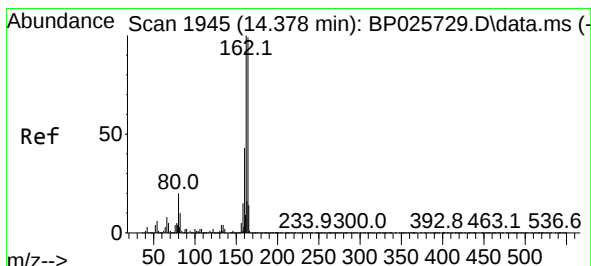
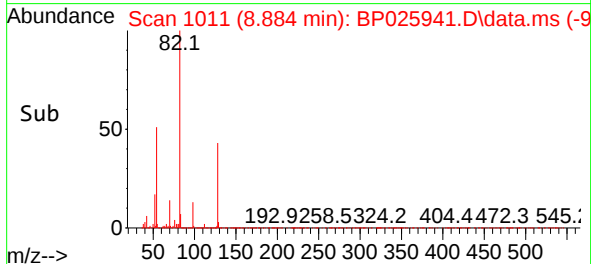
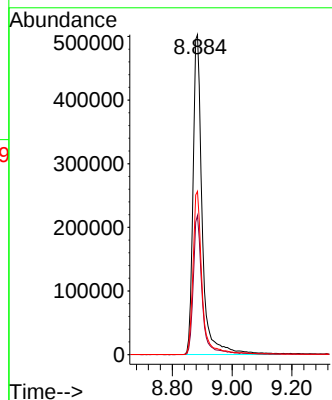
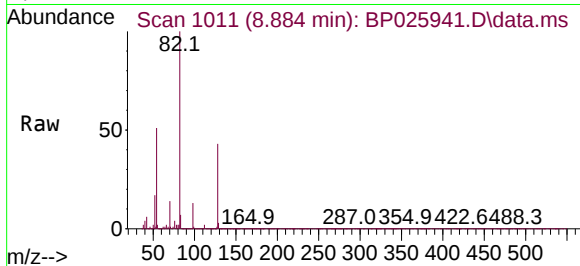




#23
Nitrobenzene-d5
Concen: 80.427 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025941.D
Acq: 07 Oct 2025 13:01

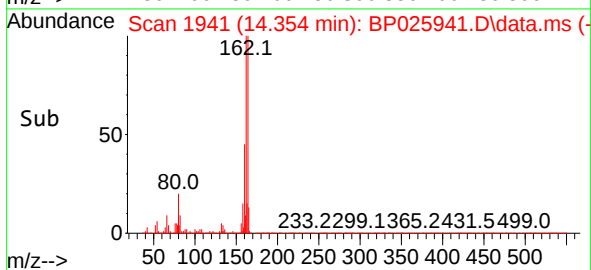
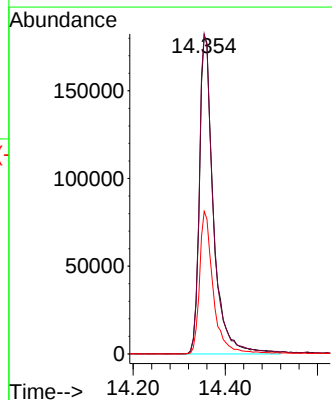
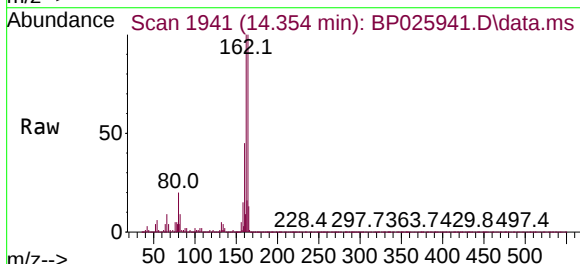
Instrument :
BNA_P
ClientSampleId :
PB169995BL

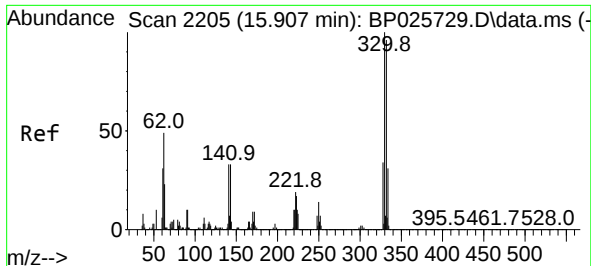
Tgt Ion: 82 Resp: 1077352
Ion Ratio Lower Upper
82 100
128 43.5 32.9 49.3
54 51.0 43.4 65.2



#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

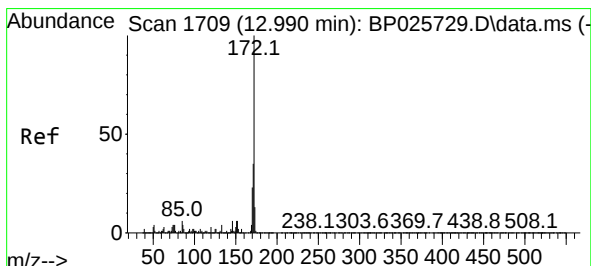
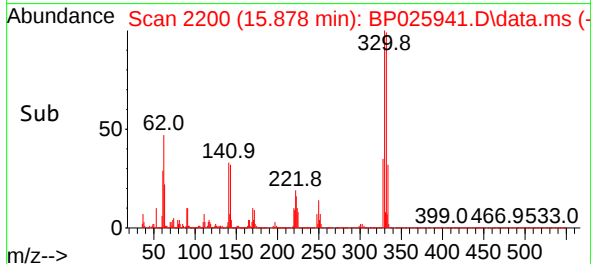
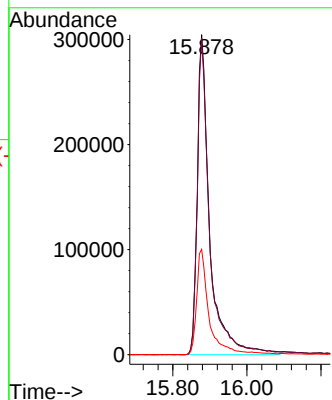
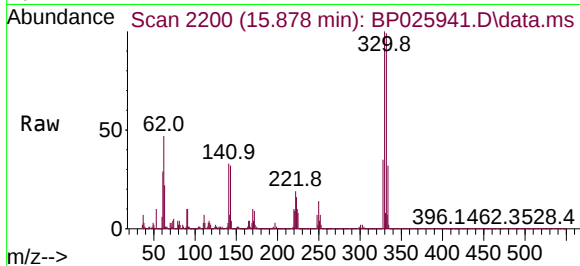




#42
2,4,6-Tribromophenol
Concen: 149.459 ng
RT: 15.878 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP025941.D
Acq: 07 Oct 2025 13:01

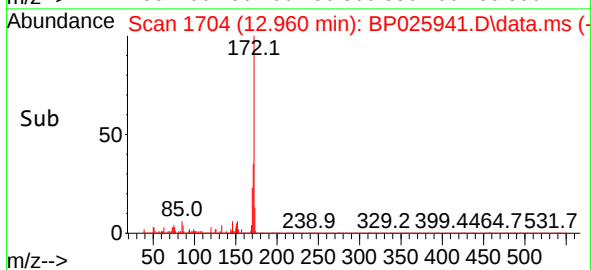
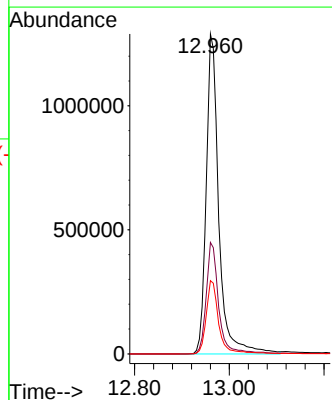
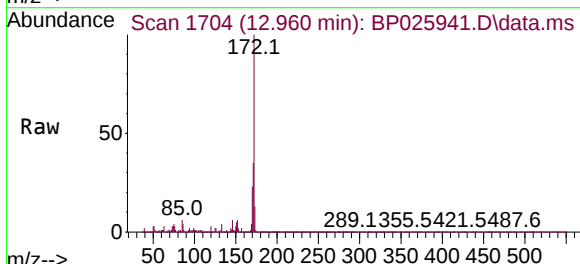
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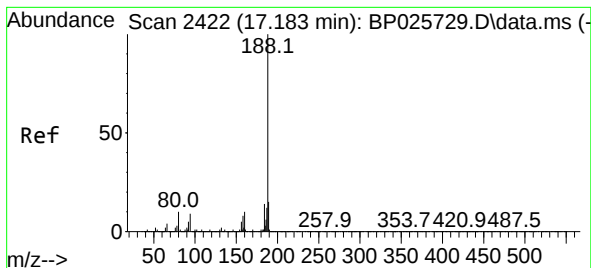
Tgt Ion:330 Resp: 711093
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 32.0 31.0 46.4



#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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.154 min Scan# 24

Delta R.T. -0.029 min

Lab File: BP025941.D

Acq: 07 Oct 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB169995BL

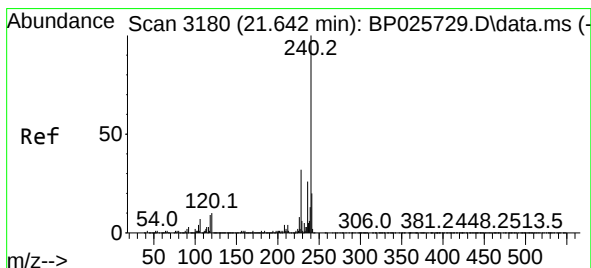
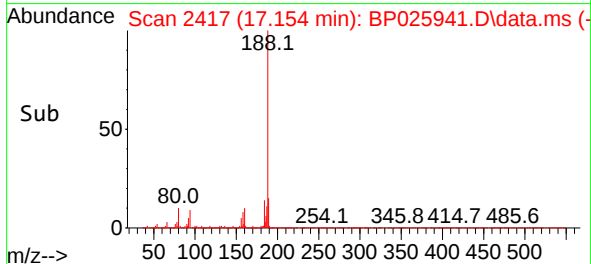
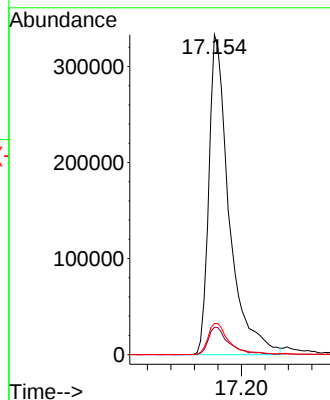
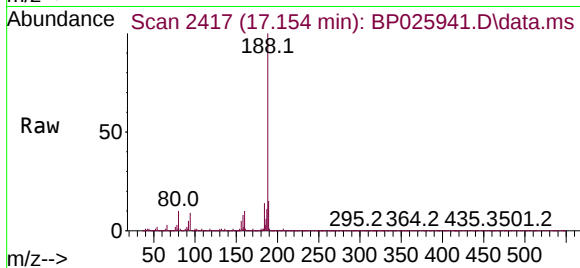
Tgt Ion:188 Resp: 796284

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

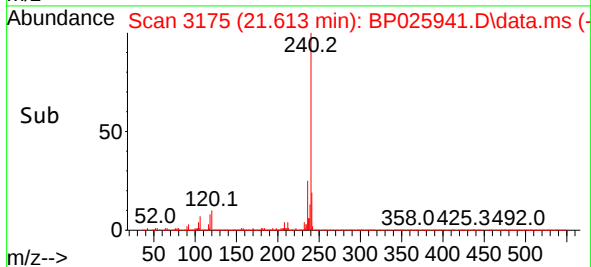
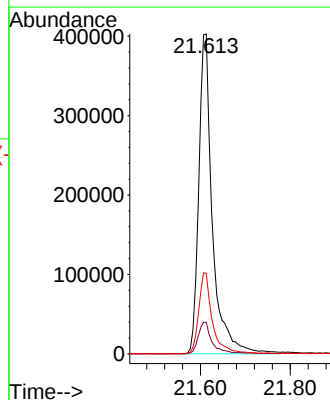
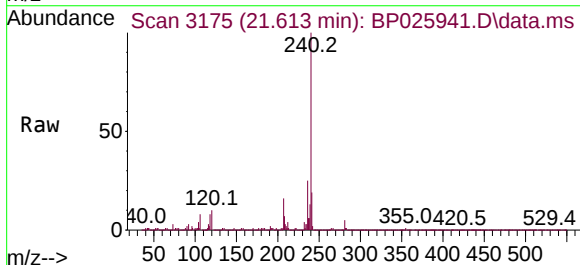
Tgt Ion:240 Resp: 849961

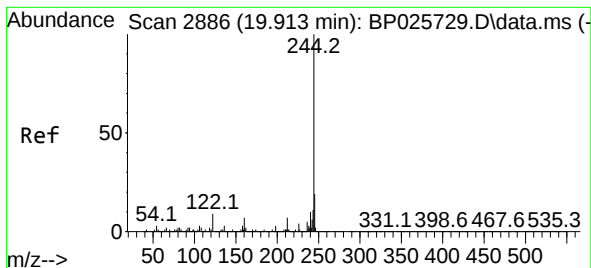
Ion Ratio Lower Upper

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# 2886

Delta R.T. -0.041 min

Lab File: BP025941.D

Acq: 07 Oct 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB169995BL

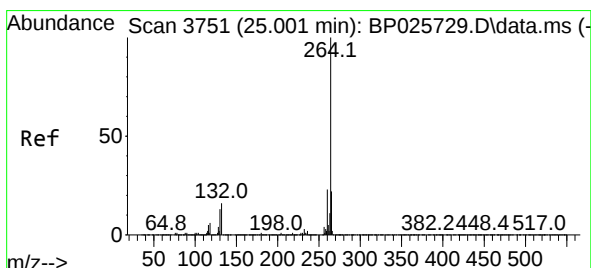
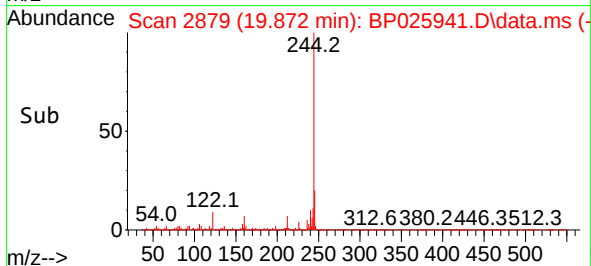
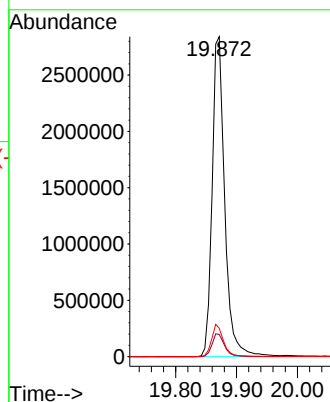
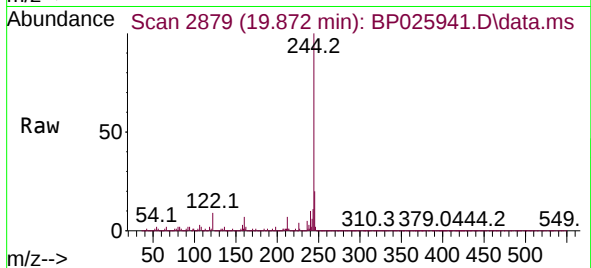
Tgt Ion:244 Resp: 4078817

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

