

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
 Data File : BP025757.D
 Acq On : 16 Sep 2025 14:13
 Operator : CG/JU
 Sample : PB169701BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169701BL

Quant Time: Sep 16 14:35:28 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	140325	20.000	ng	0.00
21) Naphthalene-d8	10.531	136	534479	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	339297	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	727669	20.000	ng	0.00
76) Chrysene-d12	21.619	240	850923	20.000	ng	-0.02
86) Perylene-d12	24.966	264	1003174	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1147912	131.994	ng	0.00
7) Phenol-d6	6.943	99	1427955	123.531	ng	0.00
23) Nitrobenzene-d5	8.896	82	957783	79.047	ng	0.00
42) 2,4,6-Tribromophenol	15.884	330	521006	123.109	ng	-0.02
45) 2-Fluorobiphenyl	12.990	172	2041491	80.114	ng	0.00
79) Terphenyl-d14	19.895	244	3536094	74.759	ng	-0.02

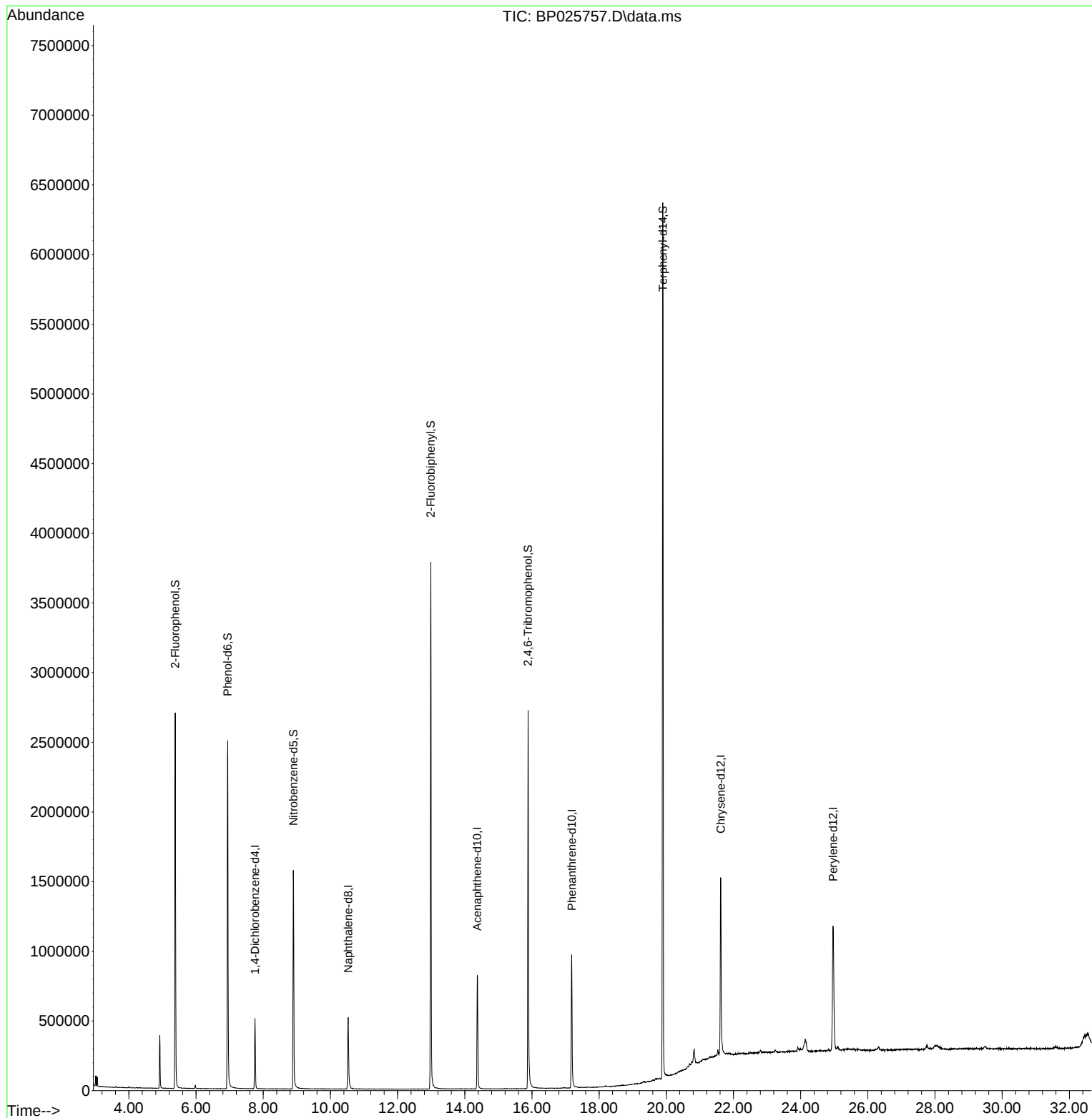
Target Compounds	Qvalue

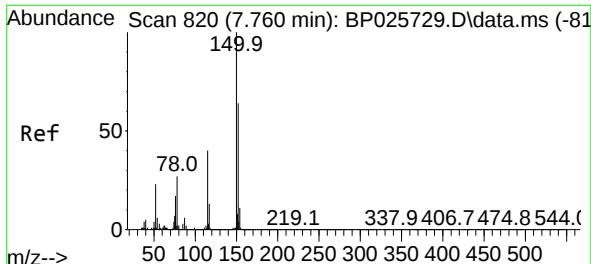
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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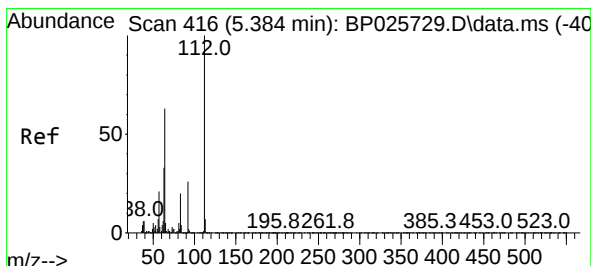
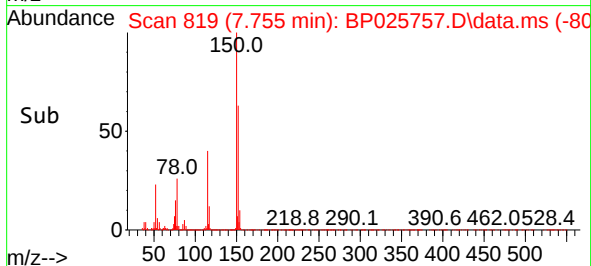
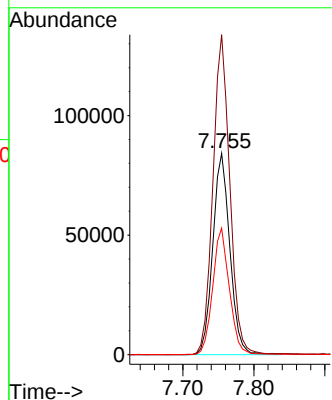
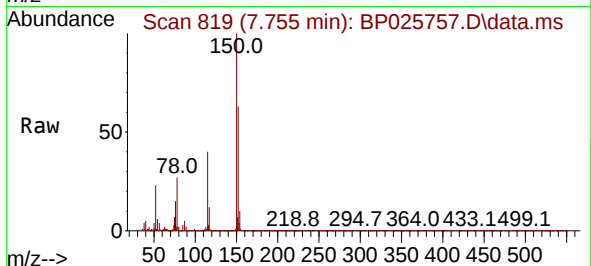




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.755 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BP025757.D
 Acq: 16 Sep 2025 14:13

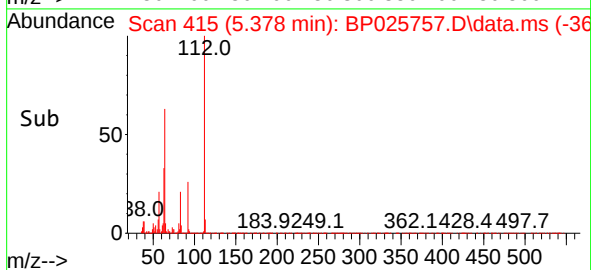
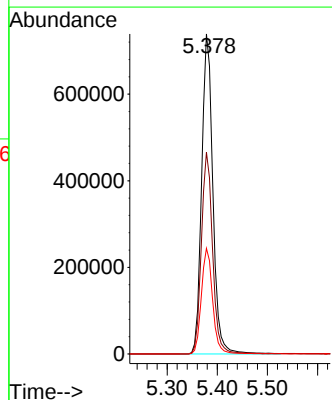
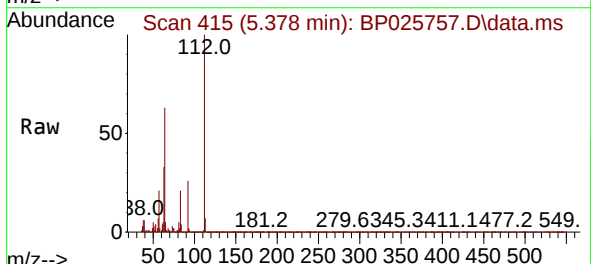
Instrument :
 BNA_P
 ClientSampleId :
 PB169701BL

Tgt Ion:152 Resp: 140325
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.3 186.5
 115 62.9 50.3 75.5



#5
 2-Fluorophenol
 Concen: 131.994 ng
 RT: 5.378 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: BP025757.D
 Acq: 16 Sep 2025 14:13

Tgt Ion:112 Resp: 1147912
 Ion Ratio Lower Upper
 112 100
 64 63.1 50.2 75.4
 63 33.0 26.7 40.1

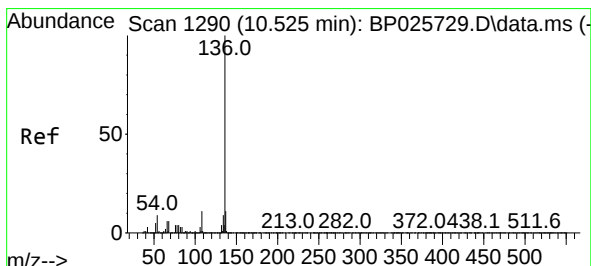
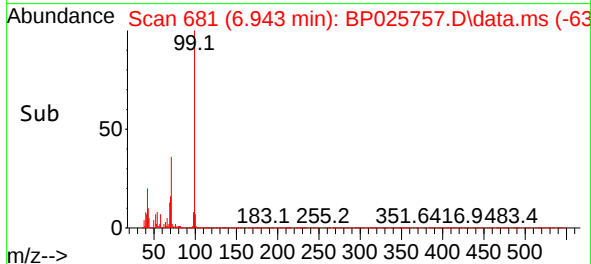
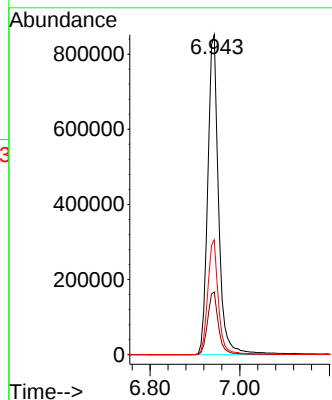
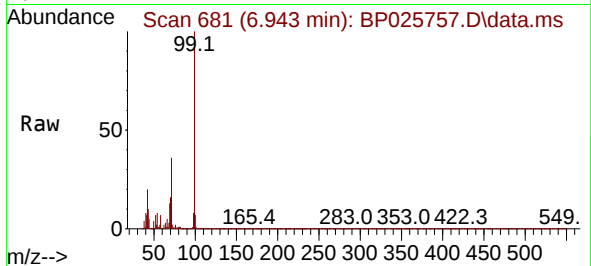




#7
Phenol-d6
Concen: 123.531 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025757.D
Acq: 16 Sep 2025 14:13

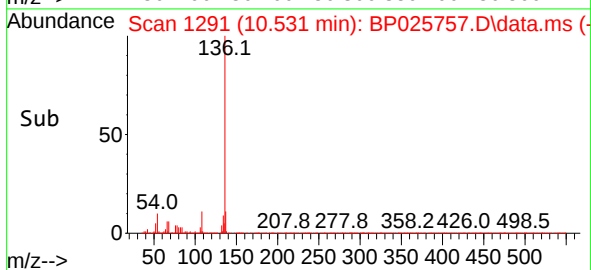
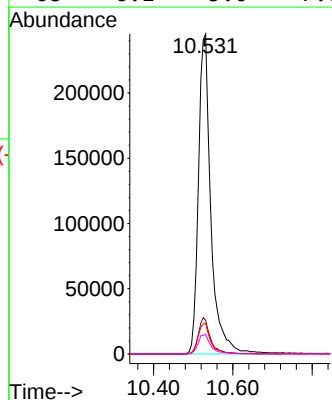
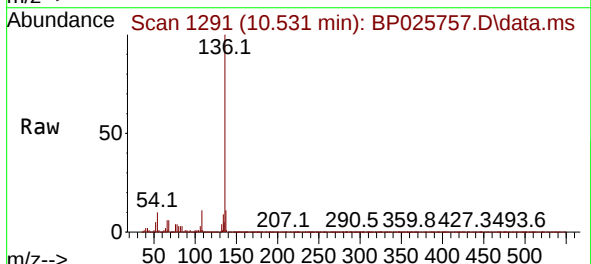
Instrument :
BNA_P
ClientSampleId :
PB169701BL

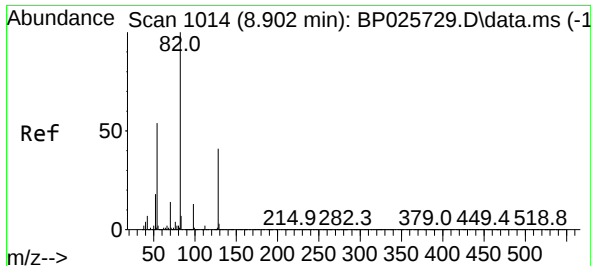
Tgt Ion: 99 Resp: 1427955
Ion Ratio Lower Upper
99 100
42 19.6 15.6 23.4
71 35.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.531 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BP025757.D
Acq: 16 Sep 2025 14:13

Tgt Ion:136 Resp: 534479
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 9.6 7.5 11.3
68 6.1 5.0 7.6

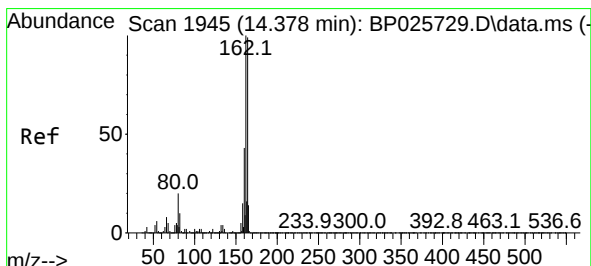
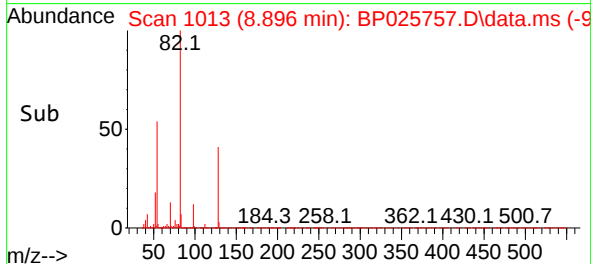
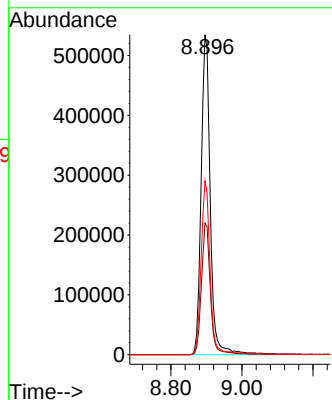
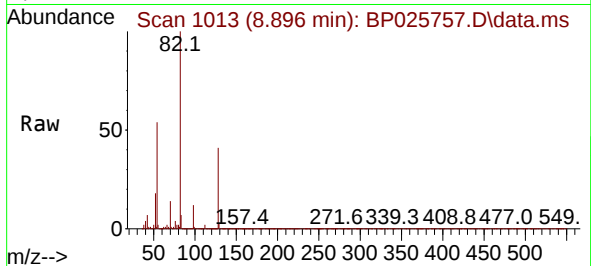




#23
 Nitrobenzene-d5
 Concen: 79.047 ng
 RT: 8.896 min Scan# 1013
 Delta R.T. -0.006 min
 Lab File: BP025757.D
 Acq: 16 Sep 2025 14:13

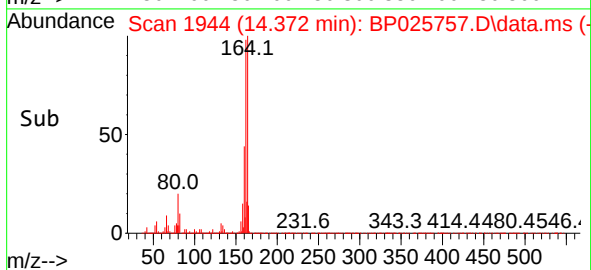
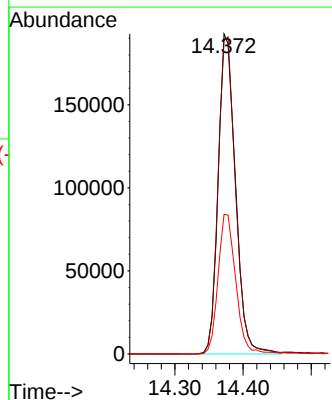
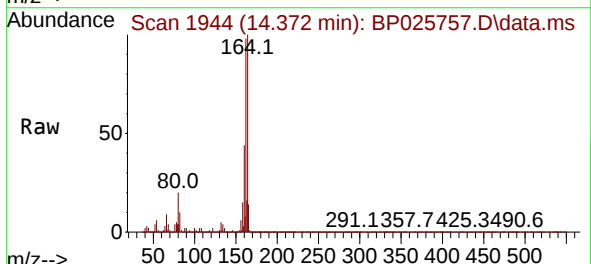
Instrument :
 BNA_P
 ClientSampleId :
 PB169701BL

Tgt Ion: 82 Resp: 957783
 Ion Ratio Lower Upper
 82 100
 128 41.1 32.9 49.3
 54 54.4 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: BP025757.D
 Acq: 16 Sep 2025 14:13

Tgt Ion: 164 Resp: 339297
 Ion Ratio Lower Upper
 164 100
 162 97.9 80.6 120.8
 160 43.6 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 123.109 ng

RT: 15.884 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP025757.D

Acq: 16 Sep 2025 14:13

Instrument :

BNA_P

ClientSampleId :

PB169701BL

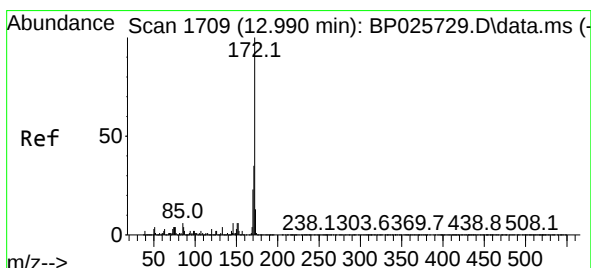
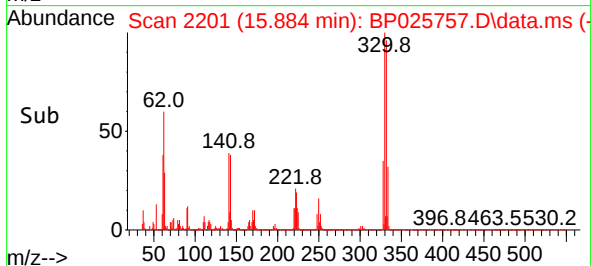
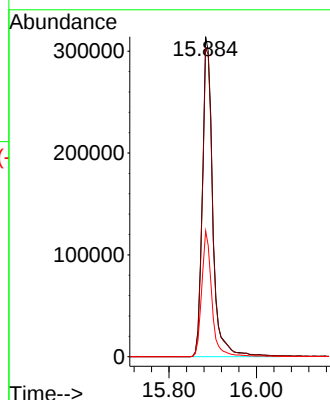
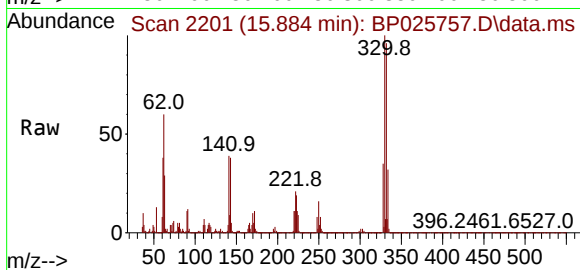
Tgt Ion:330 Resp: 521006

Ion Ratio Lower Upper

330 100

332 97.5 76.9 115.3

141 38.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 80.114 ng

RT: 12.990 min Scan# 1709

Delta R.T. 0.000 min

Lab File: BP025757.D

Acq: 16 Sep 2025 14:13

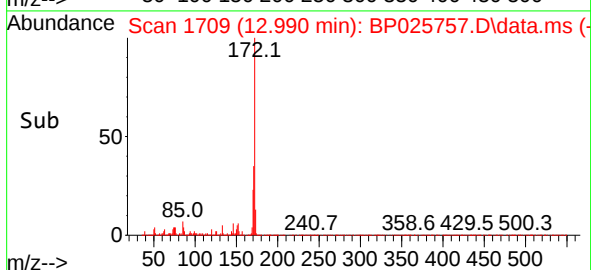
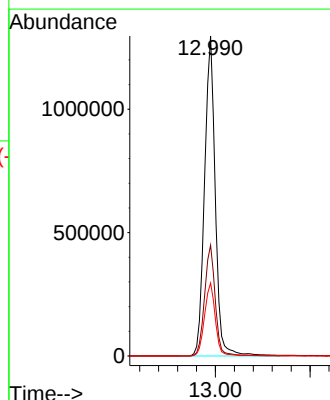
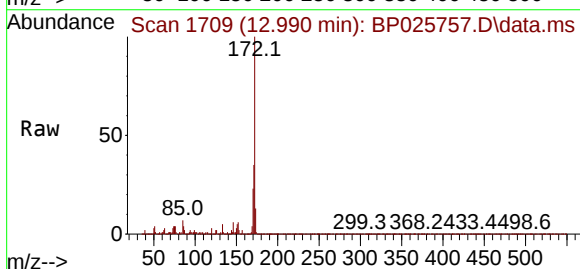
Tgt Ion:172 Resp: 2041491

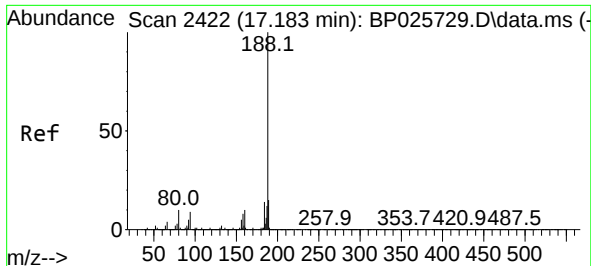
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 22.8 18.6 27.8

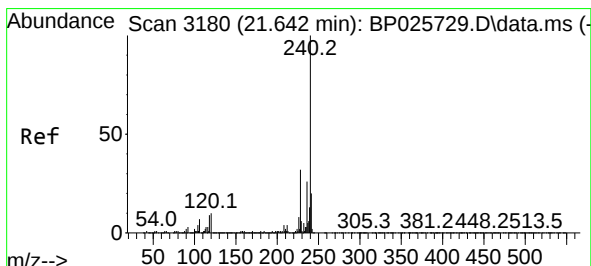
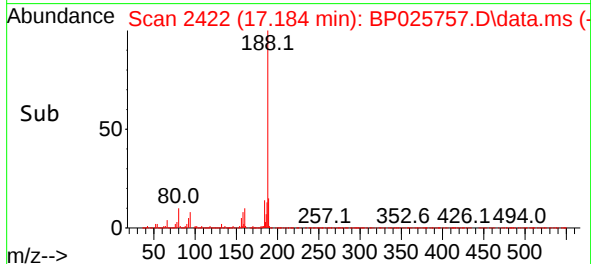
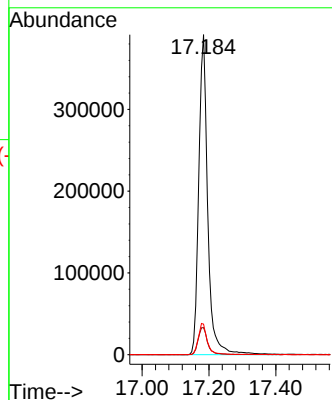
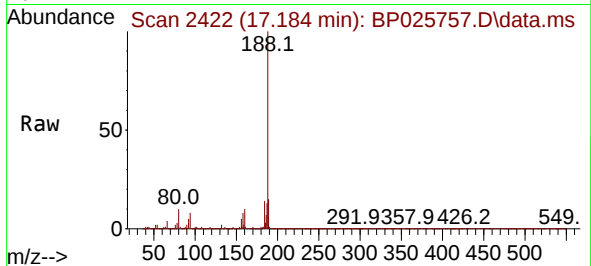




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.184 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BP025757.D
Acq: 16 Sep 2025 14:13

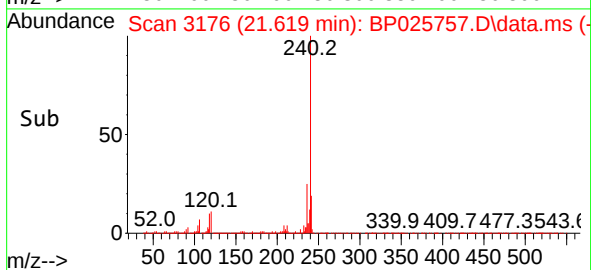
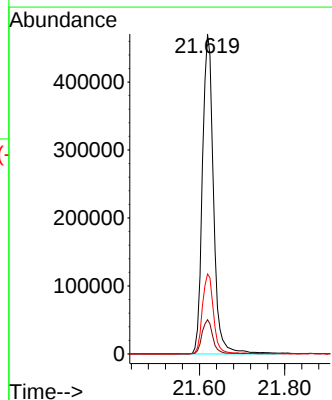
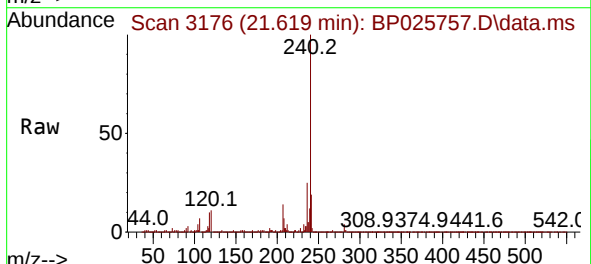
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BNA_P
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PB169701BL

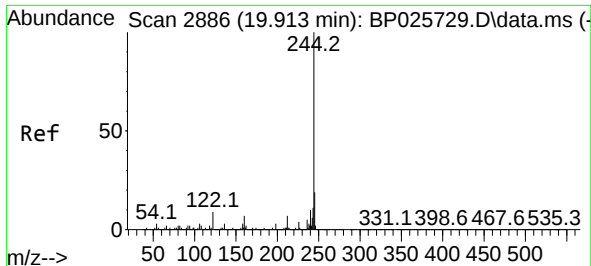
Tgt Ion:188 Resp: 727669
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.0
80 9.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.619 min Scan# 3176
Delta R.T. -0.023 min
Lab File: BP025757.D
Acq: 16 Sep 2025 14:13

Tgt Ion:240 Resp: 850923
Ion Ratio Lower Upper
240 100
120 10.7 8.0 12.0
236 25.0 20.7 31.1

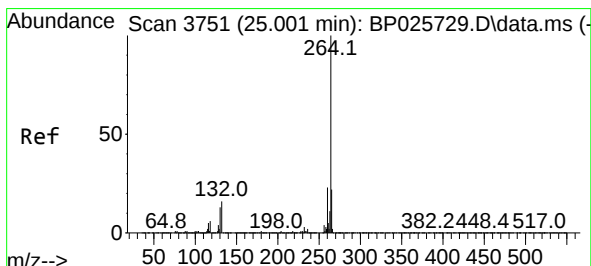
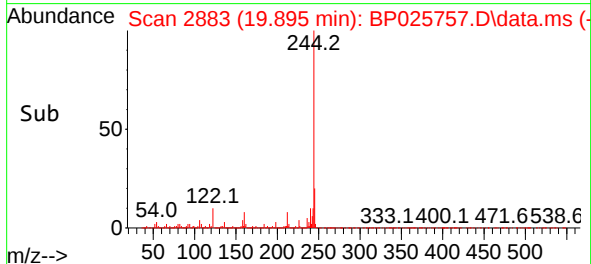
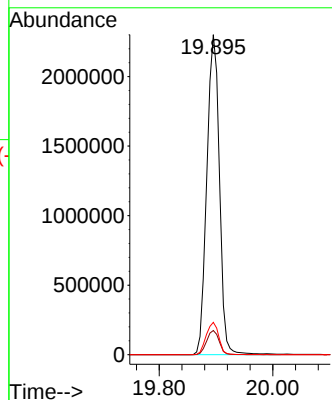
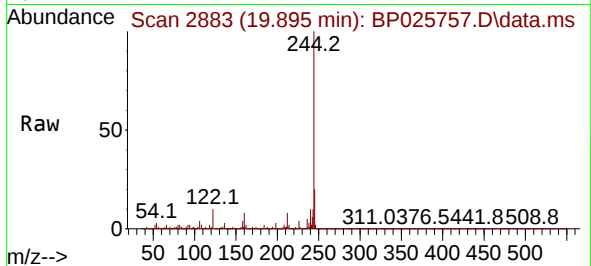




#79
 Terphenyl-d14
 Concen: 74.759 ng
 RT: 19.895 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP025757.D
 Acq: 16 Sep 2025 14:13

Instrument :
 BNA_P
 ClientSampleId :
 PB169701BL

Tgt Ion:244 Resp: 3536094
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.1 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.966 min Scan# 3745
 Delta R.T. -0.035 min
 Lab File: BP025757.D
 Acq: 16 Sep 2025 14:13

Tgt Ion:264 Resp: 1003174
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 21.5 17.3 25.9

