

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025925.D
 Acq On : 06 Oct 2025 16:15
 Operator : CG/JU
 Sample : PB169989BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169989BL

Quant Time: Oct 06 16:38:38 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	7.737	152	166902	20.000	ng	-0.02
21) Naphthalene-d8	10.501	136	621599	20.000	ng	-0.02
39) Acenaphthene-d10	14.360	164	409905	20.000	ng	-0.02
64) Phenanthrene-d10	17.166	188	834381	20.000	ng	-0.02
76) Chrysene-d12	21.601	240	918841	20.000	ng	-0.04
86) Perylene-d12	24.954	264	970381	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	1391143	134.491	ng	-0.01
7) Phenol-d6	6.943	99	1732470	126.009	ng	0.00
23) Nitrobenzene-d5	8.884	82	1102998	78.273	ng	-0.02
42) 2,4,6-Tribromophenol	15.878	330	689611	134.881	ng	-0.03
45) 2-Fluorobiphenyl	12.966	172	2484362	80.700	ng	-0.02
79) Terphenyl-d14	19.877	244	4166754	81.580	ng	-0.04

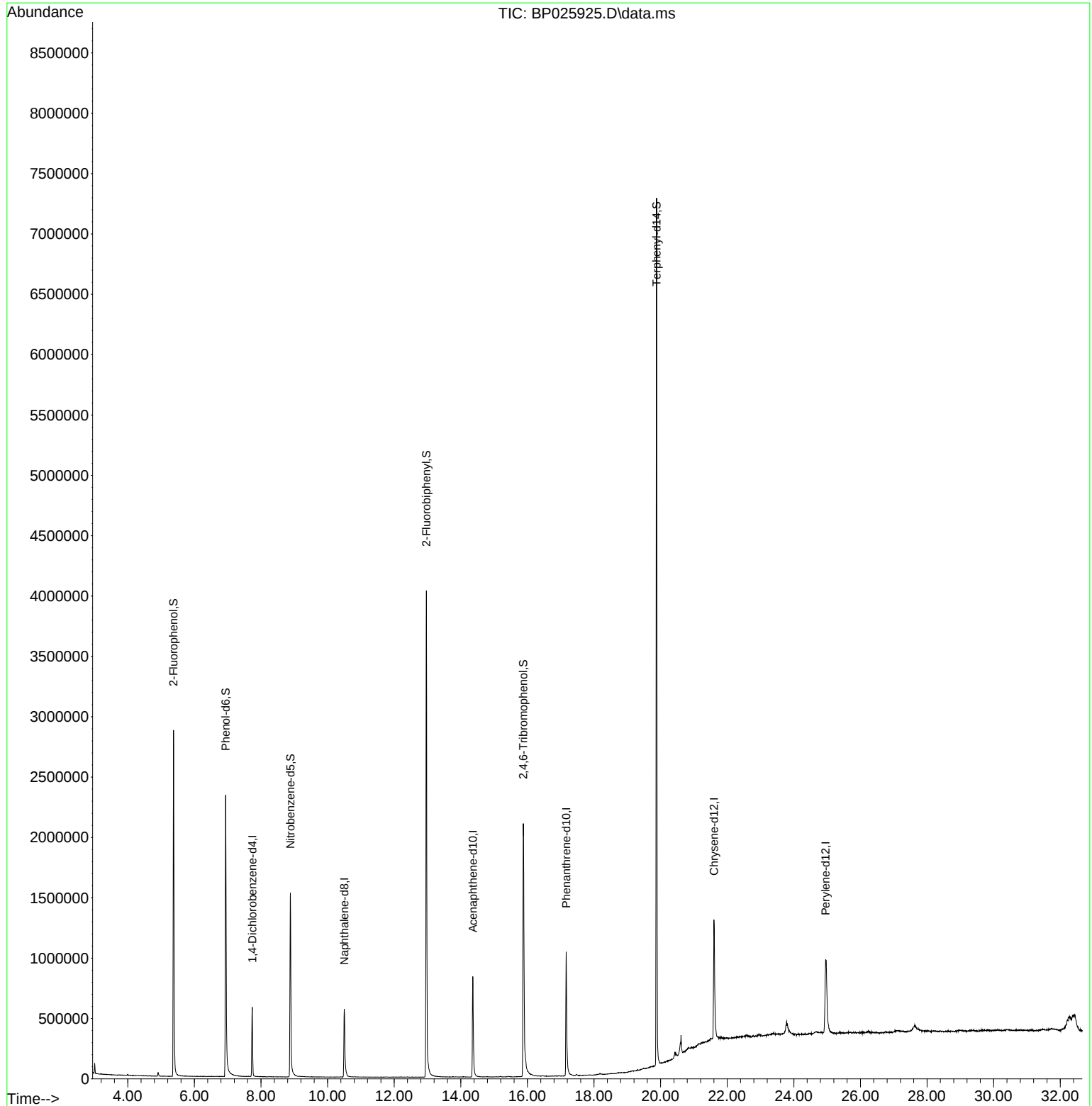
Target Compounds	Qvalue

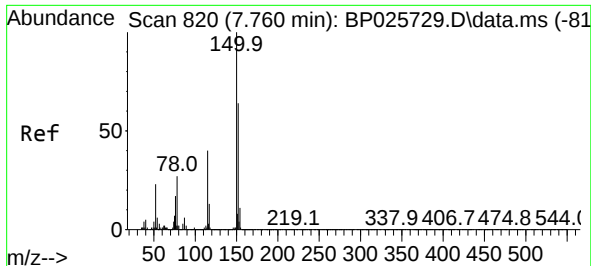
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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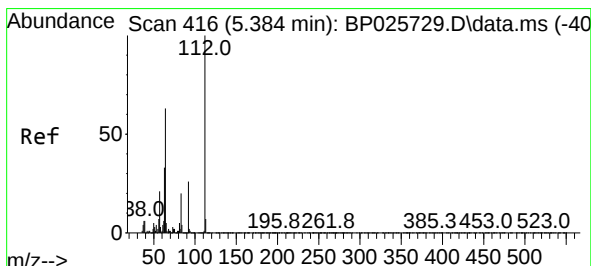
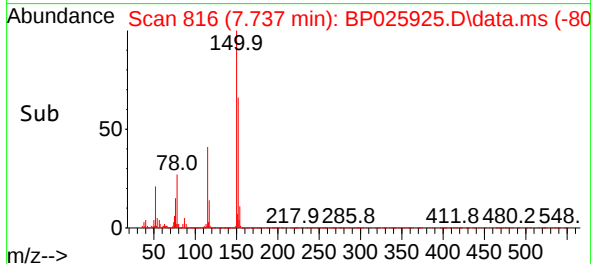
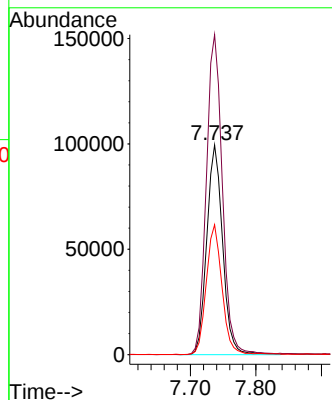
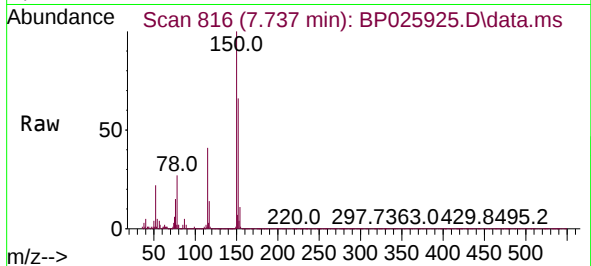




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.737 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BP025925.D
 Acq: 06 Oct 2025 16:15

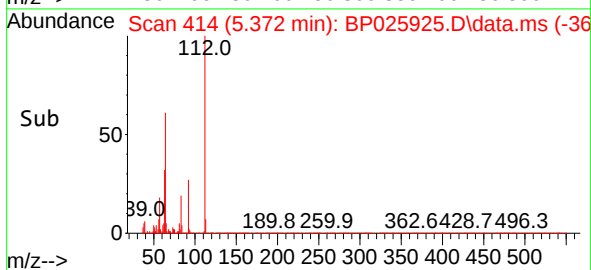
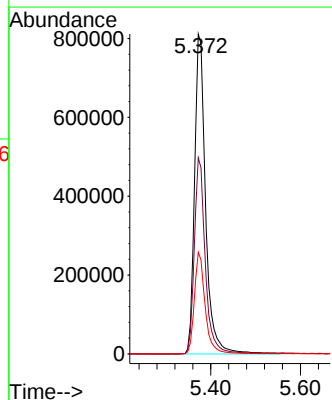
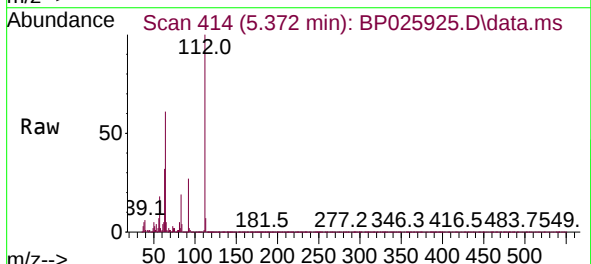
Instrument :
 BNA_P
 ClientSampleId :
 PB169989BL

Tgt Ion:152 Resp: 166902
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.3 186.5
 115 61.9 50.3 75.5



#5
 2-Fluorophenol
 Concen: 134.491 ng
 RT: 5.372 min Scan# 414
 Delta R.T. -0.012 min
 Lab File: BP025925.D
 Acq: 06 Oct 2025 16:15

Tgt Ion:112 Resp: 1391143
 Ion Ratio Lower Upper
 112 100
 64 61.3 50.2 75.4
 63 31.8 26.7 40.1



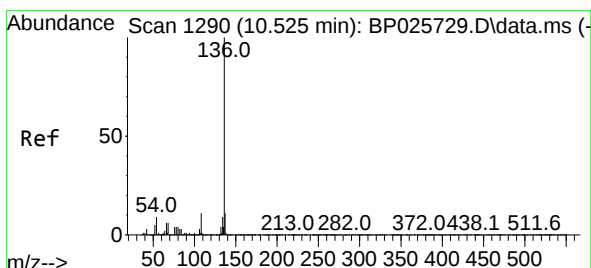
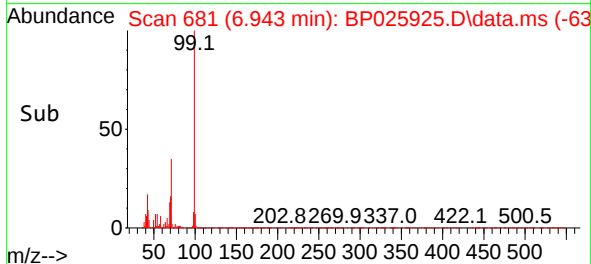
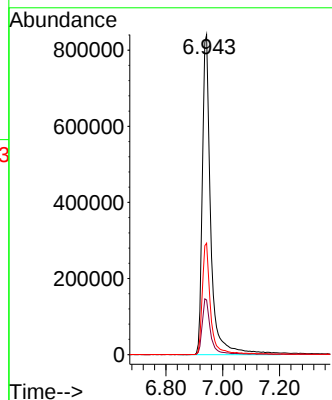
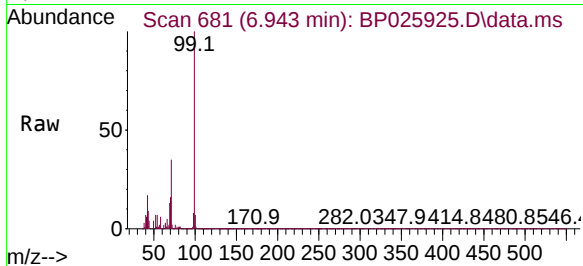


#7
Phenol-d6
Concen: 126.009 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

Instrument :
BNA_P
ClientSampleId :
PB169989BL

Tgt Ion: 99 Resp: 1732470

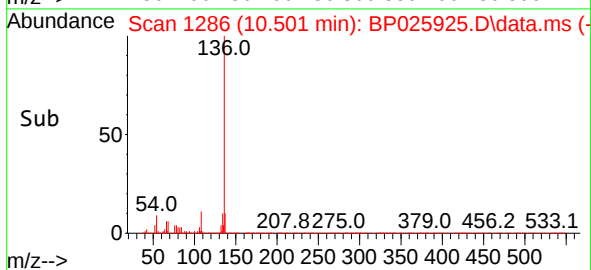
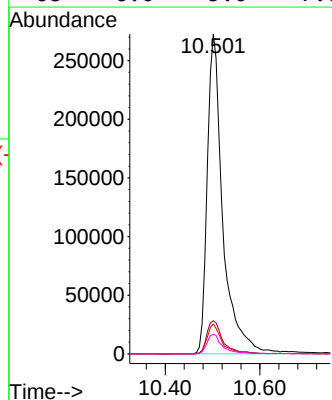
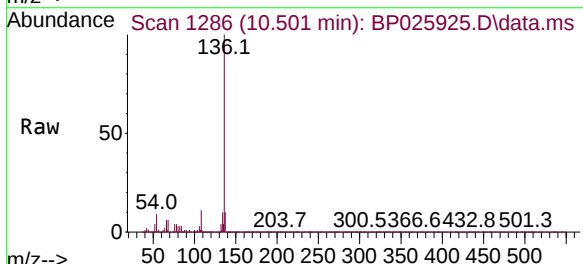
Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.6	23.4
71	34.8	28.6	43.0

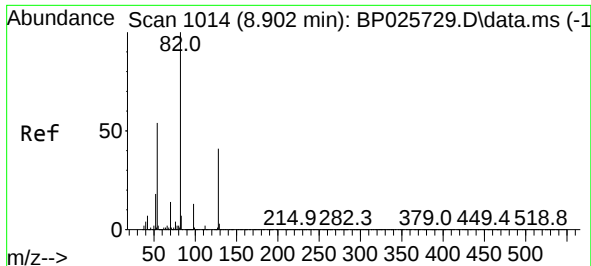


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.501 min Scan# 1286
Delta R.T. -0.024 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

Tgt Ion:136 Resp: 621599

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	9.4	7.5	11.3
68	6.0	5.0	7.6

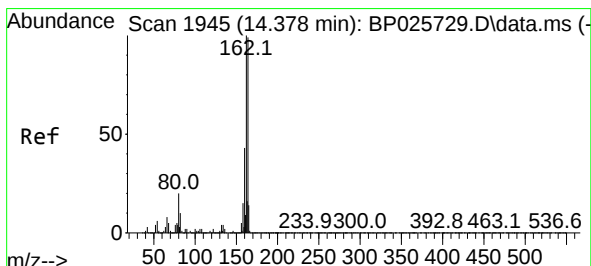
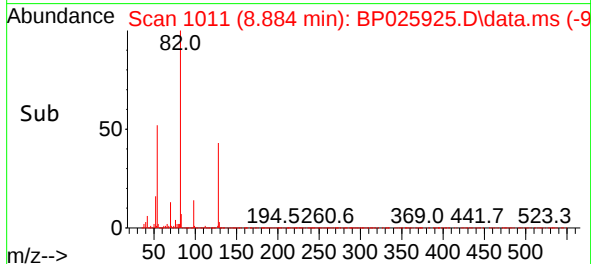
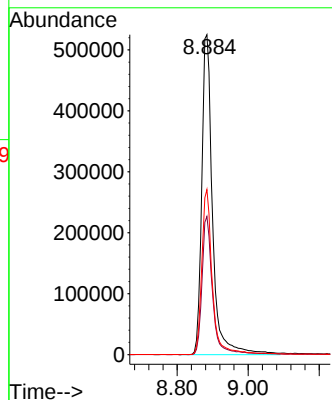
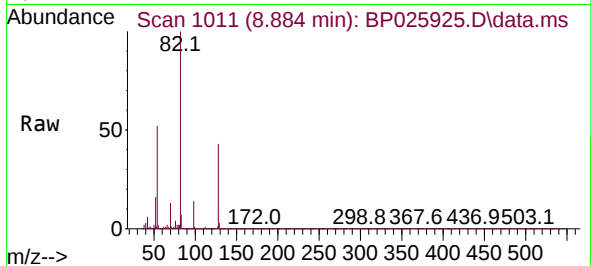




#23
Nitrobenzene-d5
Concen: 78.273 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

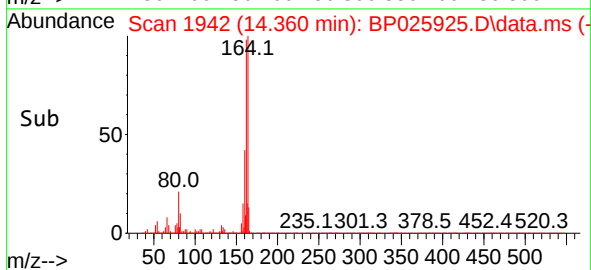
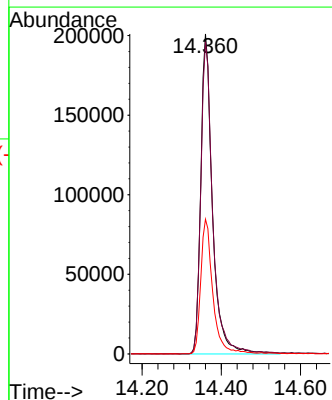
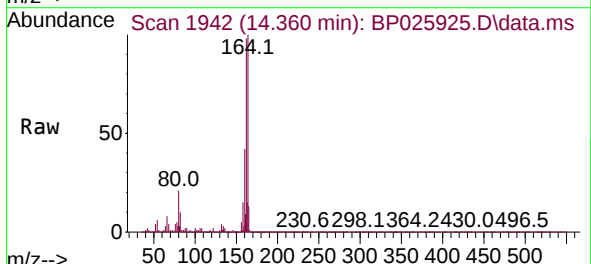
Instrument :
BNA_P
ClientSampleId :
PB169989BL

Tgt Ion: 82 Resp: 1102998
Ion Ratio Lower Upper
82 100
128 43.2 32.9 49.3
54 51.6 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.360 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

Tgt Ion: 164 Resp: 409905
Ion Ratio Lower Upper
164 100
162 97.5 80.6 120.8
160 42.1 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 134.881 ng

RT: 15.878 min Scan# 21

Delta R.T. -0.030 min

Lab File: BP025925.D

Acq: 06 Oct 2025 16:15

Instrument :

BNA_P

ClientSampleId :

PB169989BL

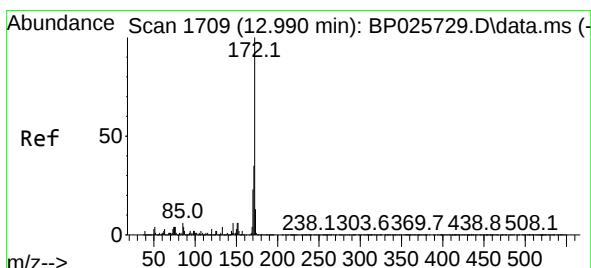
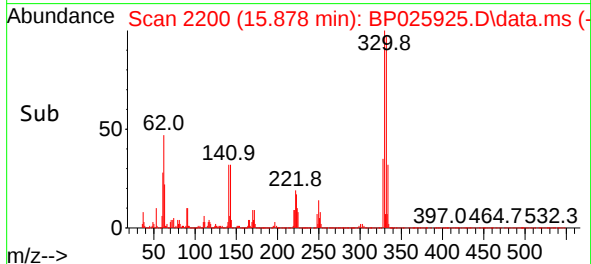
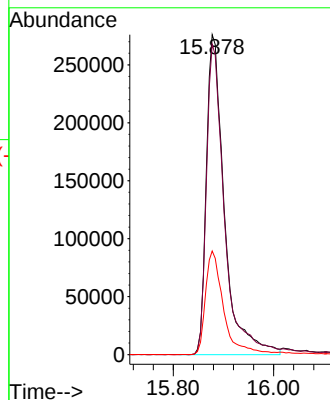
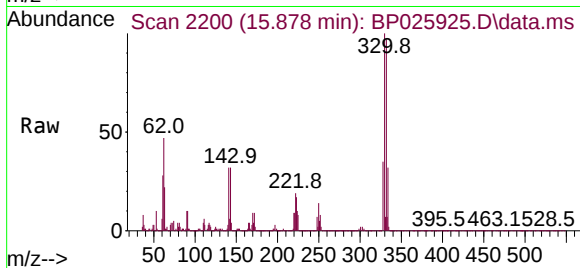
Tgt Ion:330 Resp: 689611

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 32.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 80.700 ng

RT: 12.966 min Scan# 1705

Delta R.T. -0.024 min

Lab File: BP025925.D

Acq: 06 Oct 2025 16:15

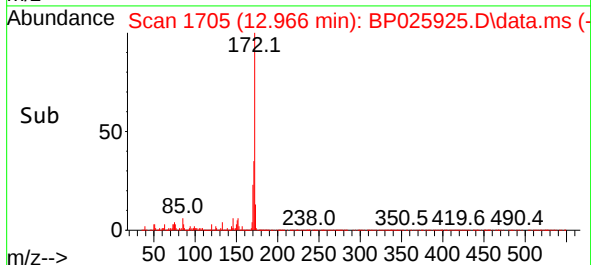
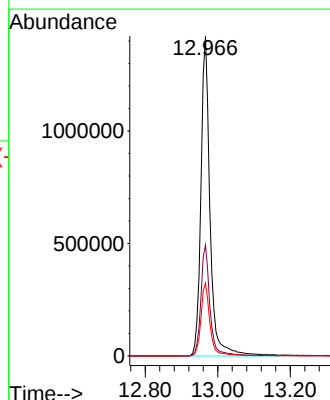
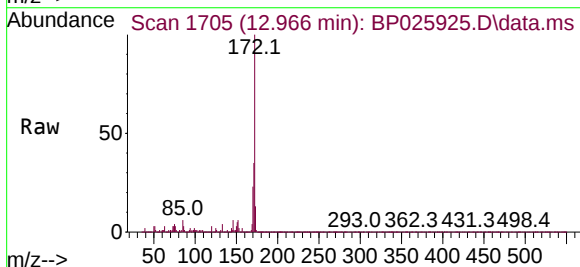
Tgt Ion:172 Resp: 2484362

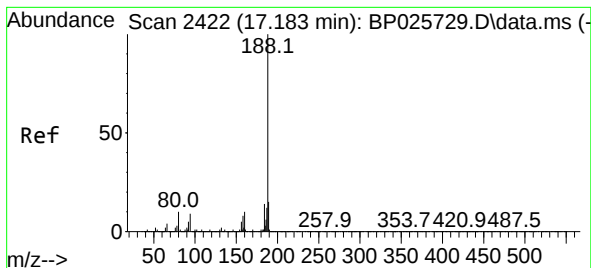
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 22.8 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.166 min Scan# 24

Delta R.T. -0.018 min

Lab File: BP025925.D

Acq: 06 Oct 2025 16:15

Instrument :

BNA_P

ClientSampleId :

PB169989BL

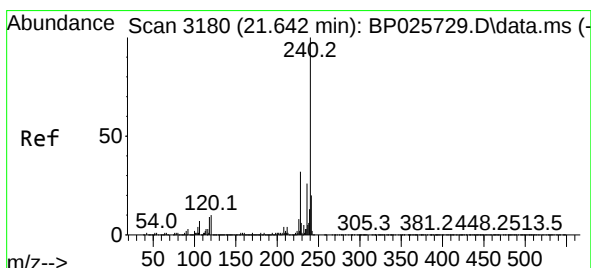
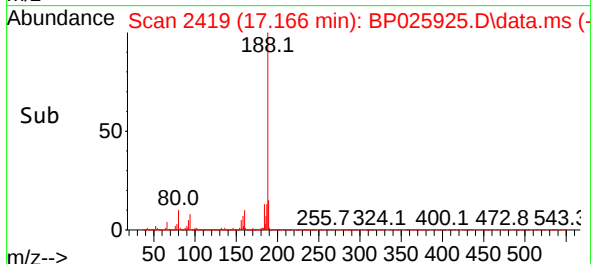
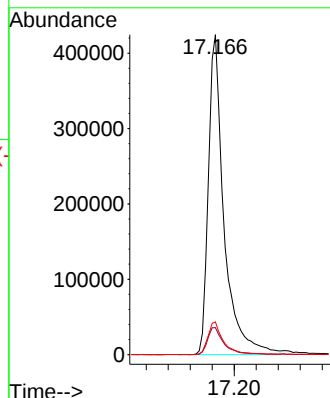
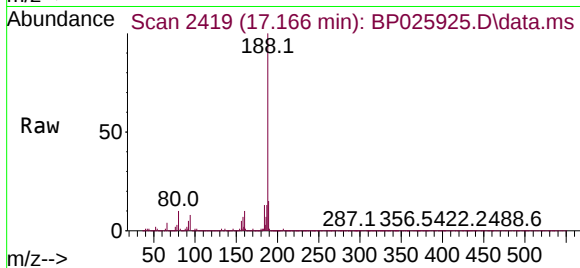
Tgt Ion:188 Resp: 834381

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.0

80 10.2 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.601 min Scan# 3173

Delta R.T. -0.041 min

Lab File: BP025925.D

Acq: 06 Oct 2025 16:15

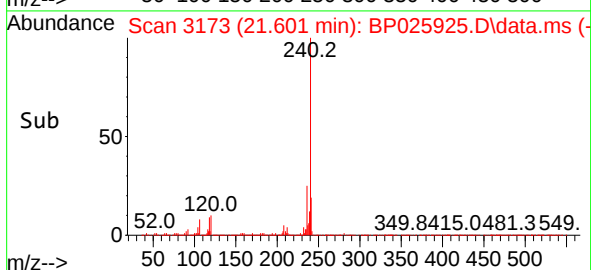
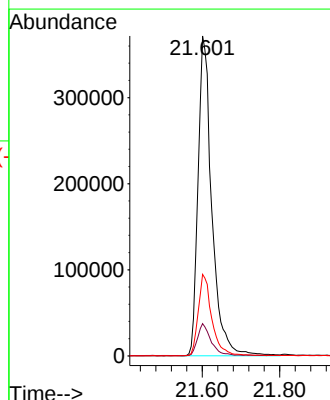
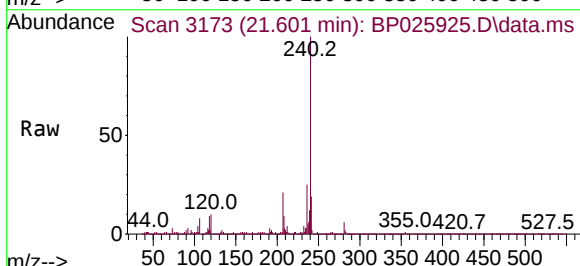
Tgt Ion:240 Resp: 918841

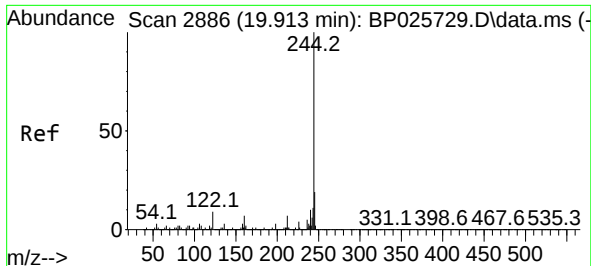
Ion Ratio Lower Upper

240 100

120 10.1 8.0 12.0

236 25.5 20.7 31.1

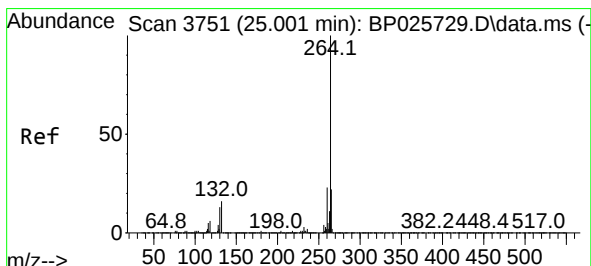
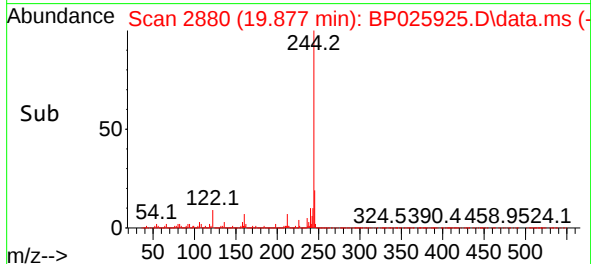
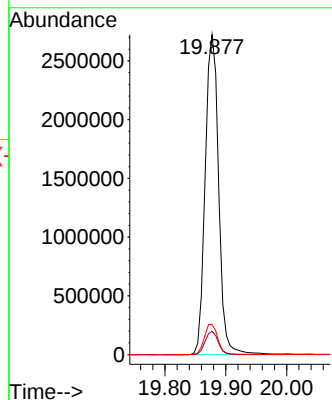
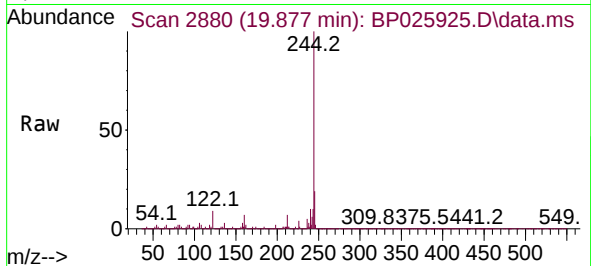




#79
 Terphenyl-d14
 Concen: 81.580 ng
 RT: 19.877 min Scan# 2886
 Delta R.T. -0.035 min
 Lab File: BP025925.D
 Acq: 06 Oct 2025 16:15

Instrument :
 BNA_P
 ClientSampleId :
 PB169989BL

Tgt Ion:244 Resp: 4166754
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.4 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.954 min Scan# 3743
 Delta R.T. -0.047 min
 Lab File: BP025925.D
 Acq: 06 Oct 2025 16:15

Tgt Ion:264 Resp: 970381
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 22.6 17.3 25.9

