

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100325\
 Data File : BP025914.D
 Acq On : 03 Oct 2025 14:46
 Operator : CG/JU
 Sample : PB169925TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169925TB

Quant Time: Oct 03 15:17:06 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	143685	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	531399	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	337790	20.000	ng	-0.02
64) Phenanthrene-d10	17.160	188	718297	20.000	ng	-0.02
76) Chrysene-d12	21.607	240	878409	20.000	ng	-0.04
86) Perylene-d12	24.954	264	1041091	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1211623	136.062	ng	0.00
7) Phenol-d6	6.943	99	1494562	126.270	ng	0.00
23) Nitrobenzene-d5	8.890	82	954092	79.198	ng	-0.01
42) 2,4,6-Tribromophenol	15.878	330	604860	143.561	ng	-0.03
45) 2-Fluorobiphenyl	12.960	172	2074128	81.758	ng	-0.03
79) Terphenyl-d14	19.883	244	3751903	76.839	ng	-0.03

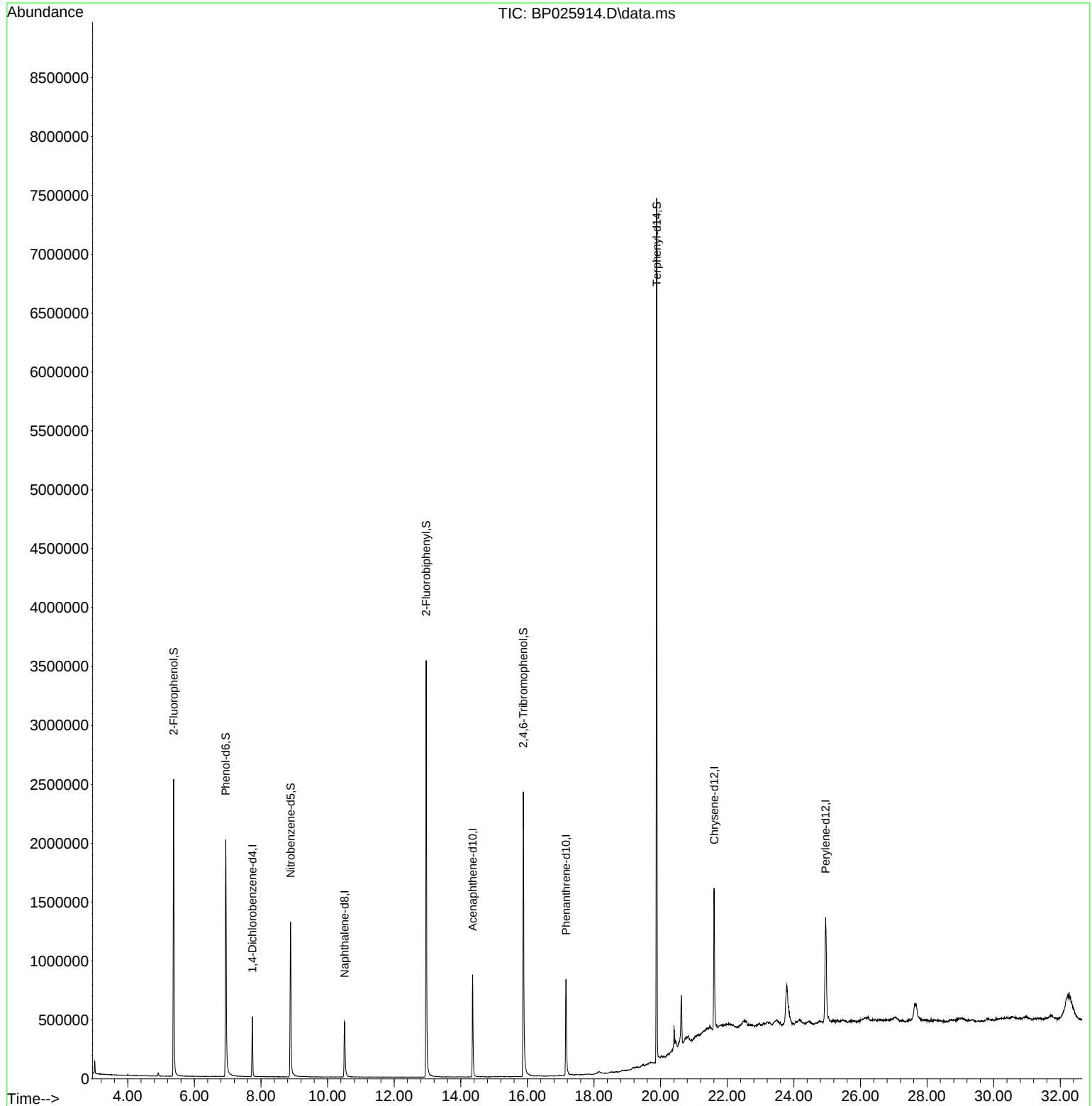
Target Compounds	Qvalue

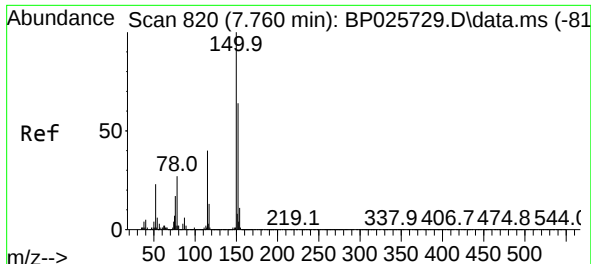
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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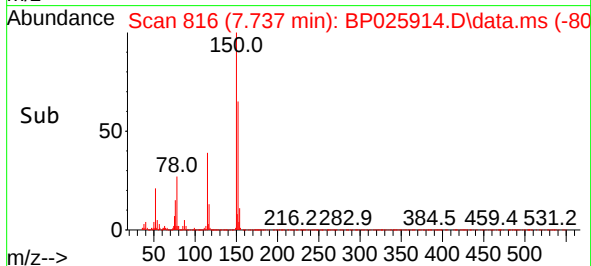
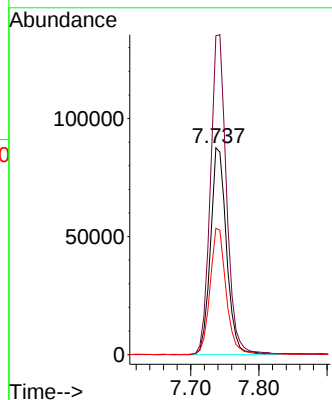
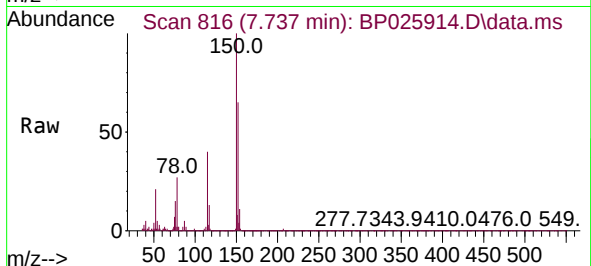


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.737 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BP025914.D
 Acq: 03 Oct 2025 14:46

Instrument :
 BNA_P
 ClientSampleId :
 PB169925TB

Tgt Ion:152 Resp: 143685

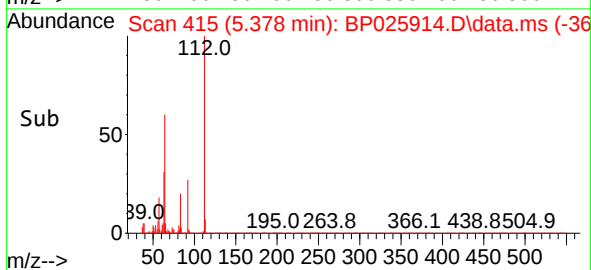
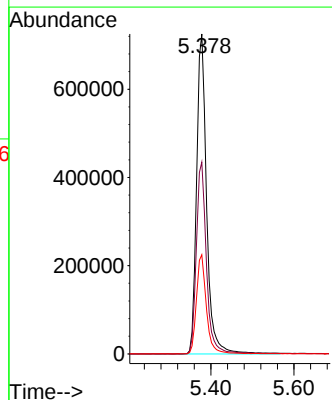
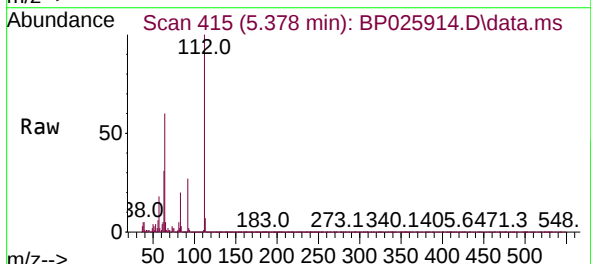
Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.3	186.5
115	61.0	50.3	75.5

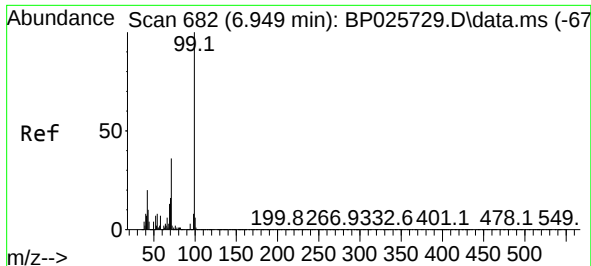


#5
 2-Fluorophenol
 Concen: 136.062 ng
 RT: 5.378 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: BP025914.D
 Acq: 03 Oct 2025 14:46

Tgt Ion:112 Resp: 1211623

Ion	Ratio	Lower	Upper
112	100		
64	59.9	50.2	75.4
63	31.0	26.7	40.1



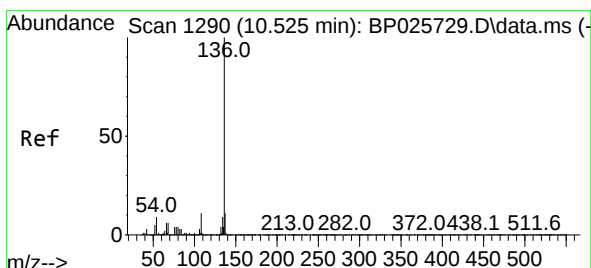
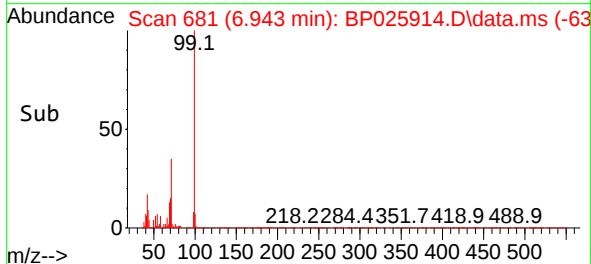
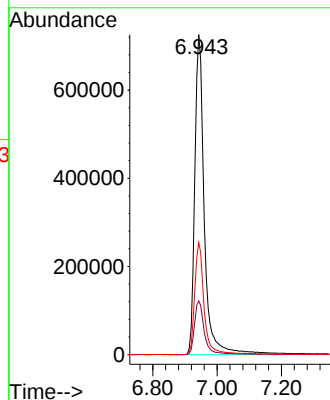
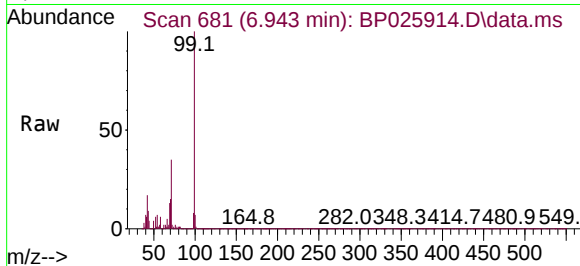


#7
Phenol-d6
Concen: 126.270 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025914.D
Acq: 03 Oct 2025 14:46

Instrument :
BNA_P
ClientSampleId :
PB169925TB

Tgt Ion: 99 Resp: 1494562

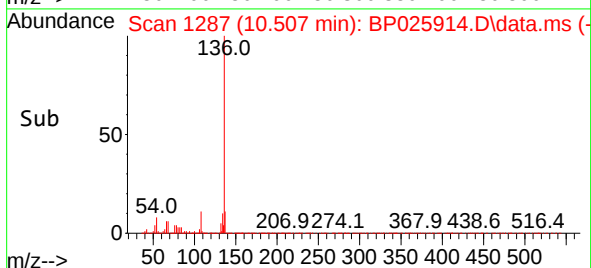
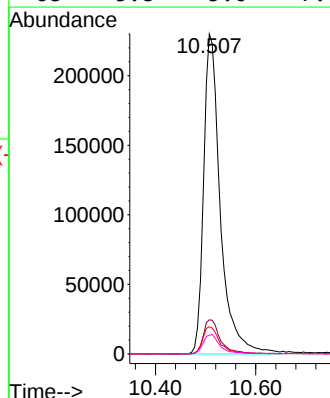
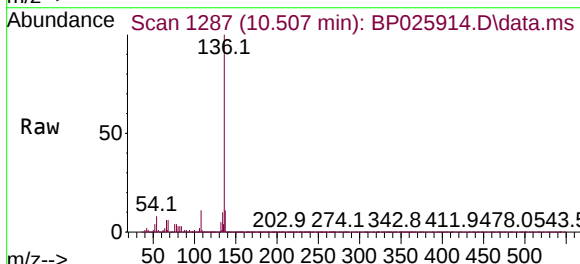
Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.6	23.4
71	35.0	28.6	43.0

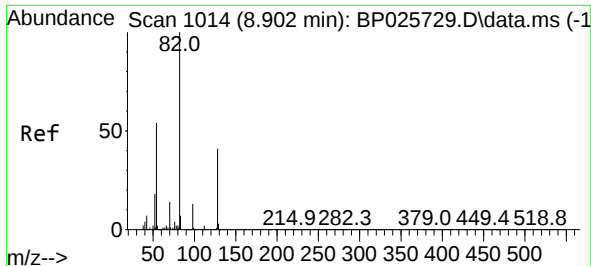


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025914.D
Acq: 03 Oct 2025 14:46

Tgt Ion: 136 Resp: 531399

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	8.5	7.5	11.3
68	5.8	5.0	7.6

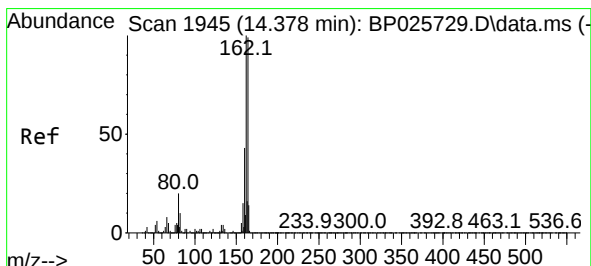
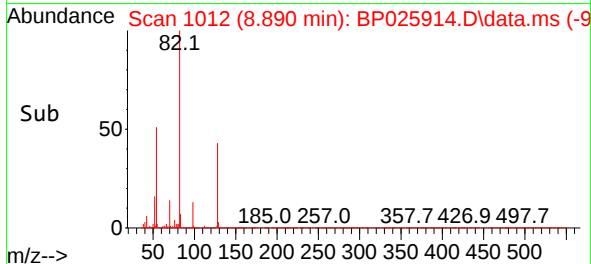
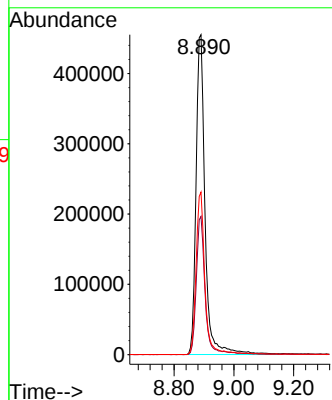
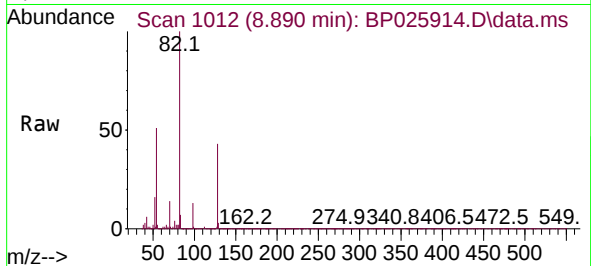




#23
Nitrobenzene-d5
Concen: 79.198 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025914.D
Acq: 03 Oct 2025 14:46

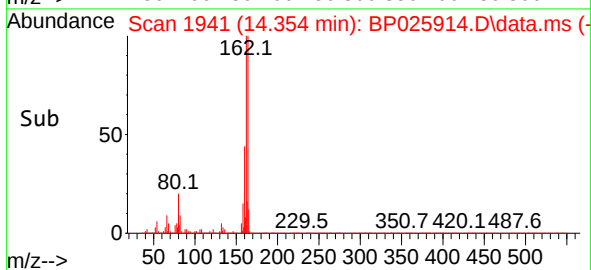
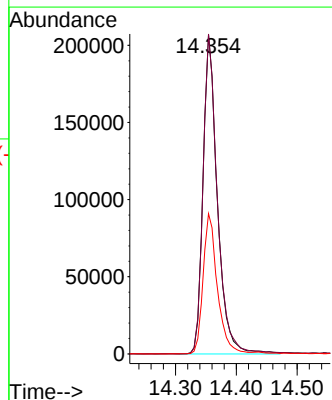
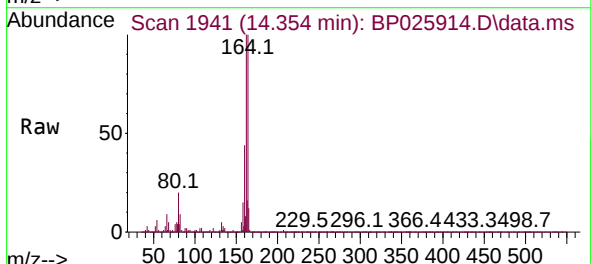
Instrument :
BNA_P
ClientSampleId :
PB169925TB

Tgt Ion: 82 Resp: 954092
Ion Ratio Lower Upper
82 100
128 43.2 32.9 49.3
54 50.8 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: BP025914.D
Acq: 03 Oct 2025 14:46

Tgt Ion: 164 Resp: 337790
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 43.9 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 143.561 ng

RT: 15.878 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP025914.D

Acq: 03 Oct 2025 14:46

Instrument :

BNA_P

ClientSampleId :

PB169925TB

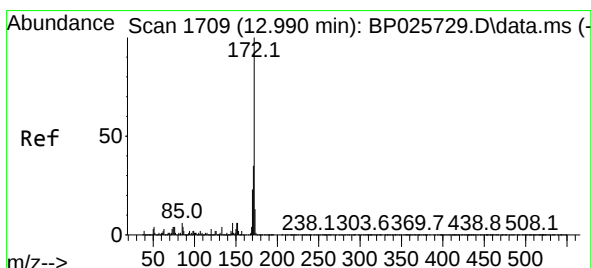
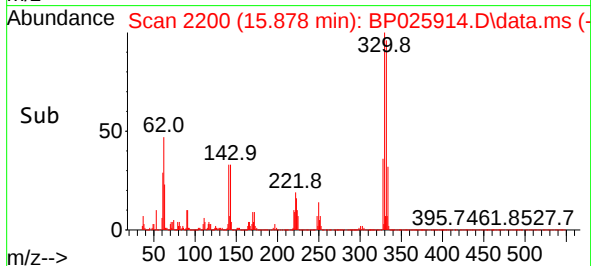
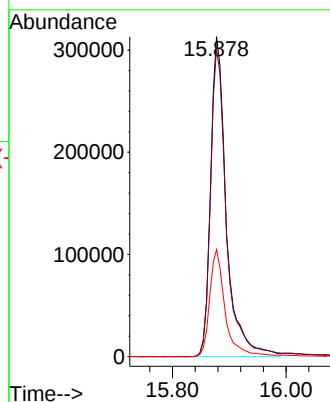
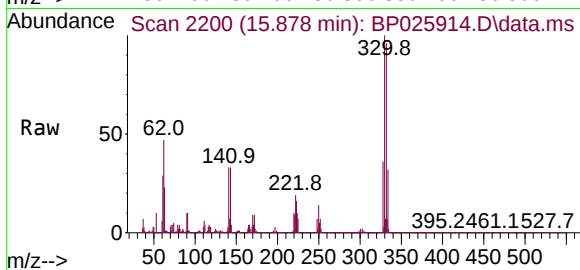
Tgt Ion:330 Resp: 604860

Ion Ratio Lower Upper

330 100

332 98.5 76.9 115.3

141 33.5 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 81.758 ng

RT: 12.960 min Scan# 1704

Delta R.T. -0.029 min

Lab File: BP025914.D

Acq: 03 Oct 2025 14:46

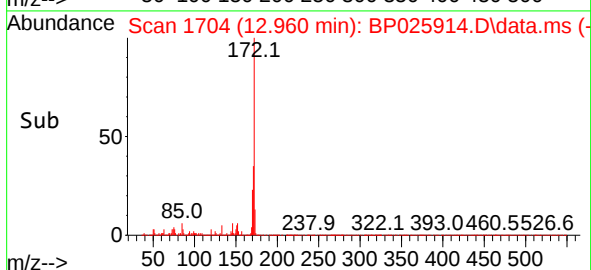
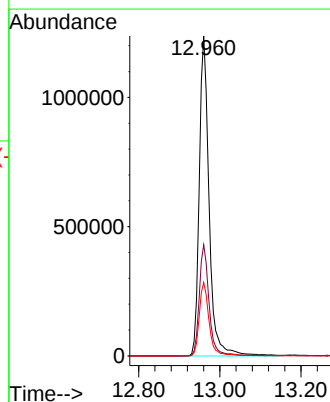
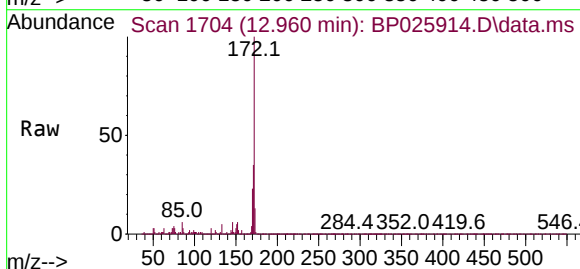
Tgt Ion:172 Resp: 2074128

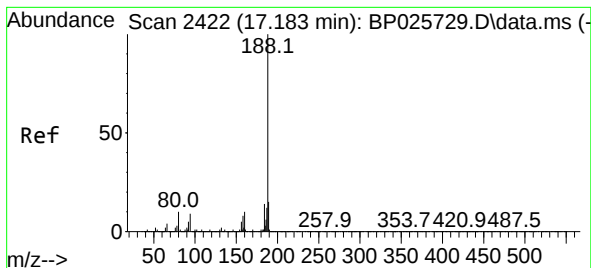
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 22.9 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.160 min Scan# 24

Delta R.T. -0.024 min

Lab File: BP025914.D

Acq: 03 Oct 2025 14:46

Instrument :

BNA_P

ClientSampleId :

PB169925TB

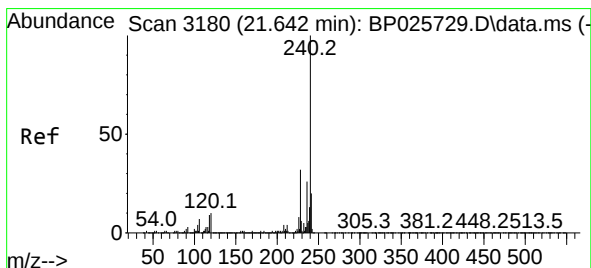
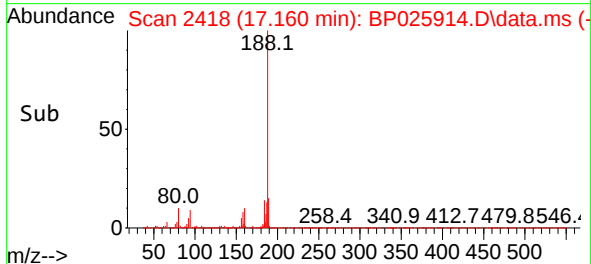
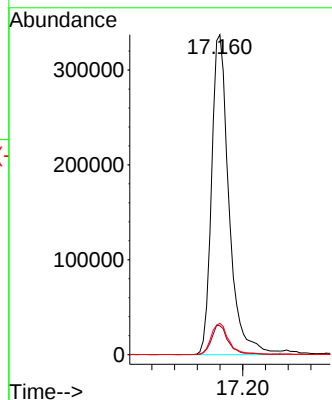
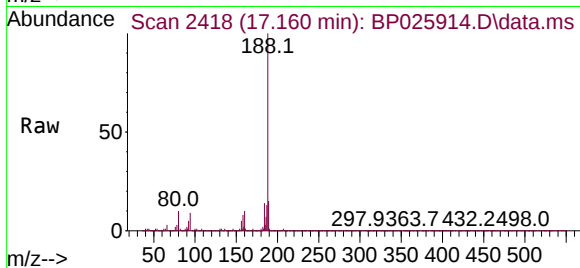
Tgt Ion:188 Resp: 718297

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.0

80 9.8 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.607 min Scan# 3174

Delta R.T. -0.035 min

Lab File: BP025914.D

Acq: 03 Oct 2025 14:46

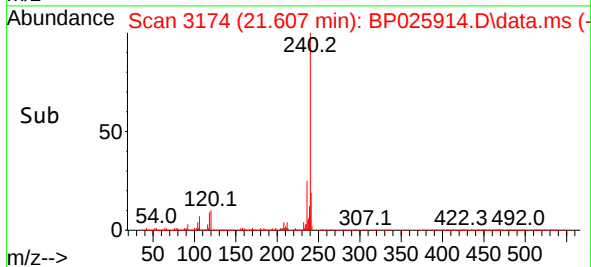
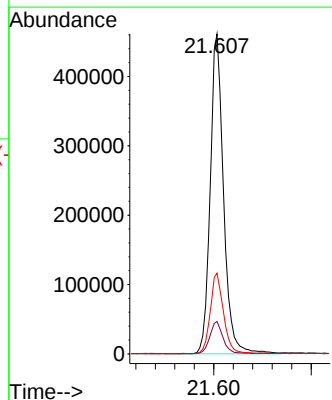
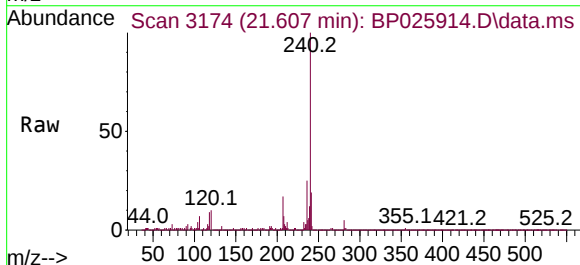
Tgt Ion:240 Resp: 878409

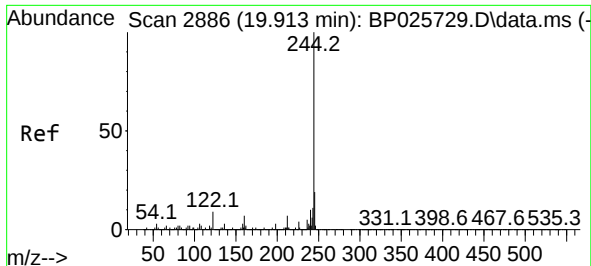
Ion Ratio Lower Upper

240 100

120 10.1 8.0 12.0

236 25.2 20.7 31.1

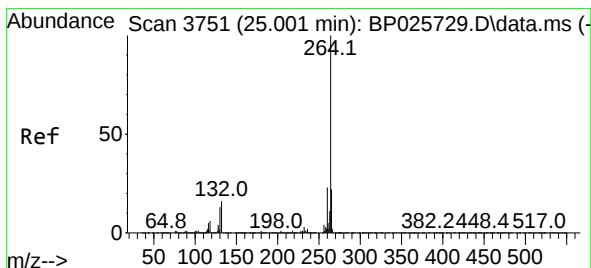
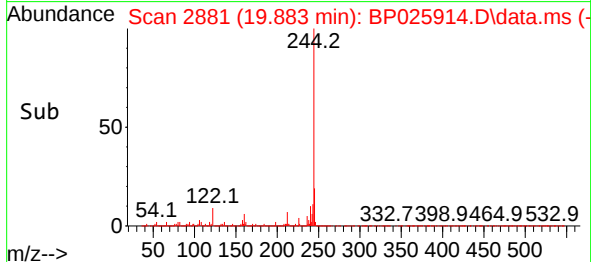
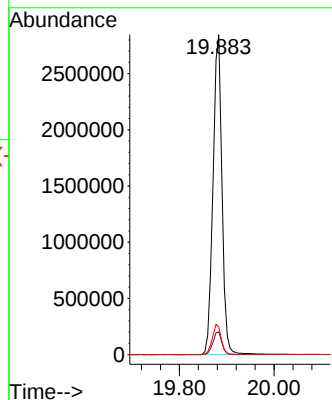
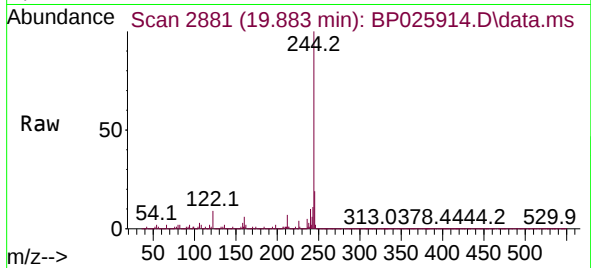




#79
 Terphenyl-d14
 Concen: 76.839 ng
 RT: 19.883 min Scan# 2881
 Delta R.T. -0.029 min
 Lab File: BP025914.D
 Acq: 03 Oct 2025 14:46

Instrument :
 BNA_P
 ClientSampleId :
 PB169925TB

Tgt Ion:244 Resp: 3751903
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.6 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: BP025914.D
 Acq: 03 Oct 2025 14:46

Tgt Ion:264 Resp: 1041091
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 22.0 17.3 25.9

