

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100825\
 Data File : BP025960.D
 Acq On : 08 Oct 2025 19:32
 Operator : RC/JU
 Sample : Q3308-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-12(6.0-6.5)

Quant Time: Oct 09 01:29:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 08 16:22:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	128417	20.000	ng	0.00
21) Naphthalene-d8	10.501	136	499788	20.000	ng	0.01
39) Acenaphthene-d10	14.342	164	351286	20.000	ng	0.00
64) Phenanthrene-d10	17.142	188	763845	20.000	ng	0.01
76) Chrysene-d12	21.571	240	824798	20.000	ng	0.00
86) Perylene-d12	24.918	264	868398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	408201	51.881	ng	0.00
7) Phenol-d6	6.949	99	523929	50.426	ng	0.01
23) Nitrobenzene-d5	8.884	82	293489	26.282	ng	0.00
42) 2,4,6-Tribromophenol	15.866	330	263323	60.024	ng	0.01
45) 2-Fluorobiphenyl	12.954	172	628312	24.027	ng	0.00
79) Terphenyl-d14	19.848	244	1486774	32.504	ng	0.00

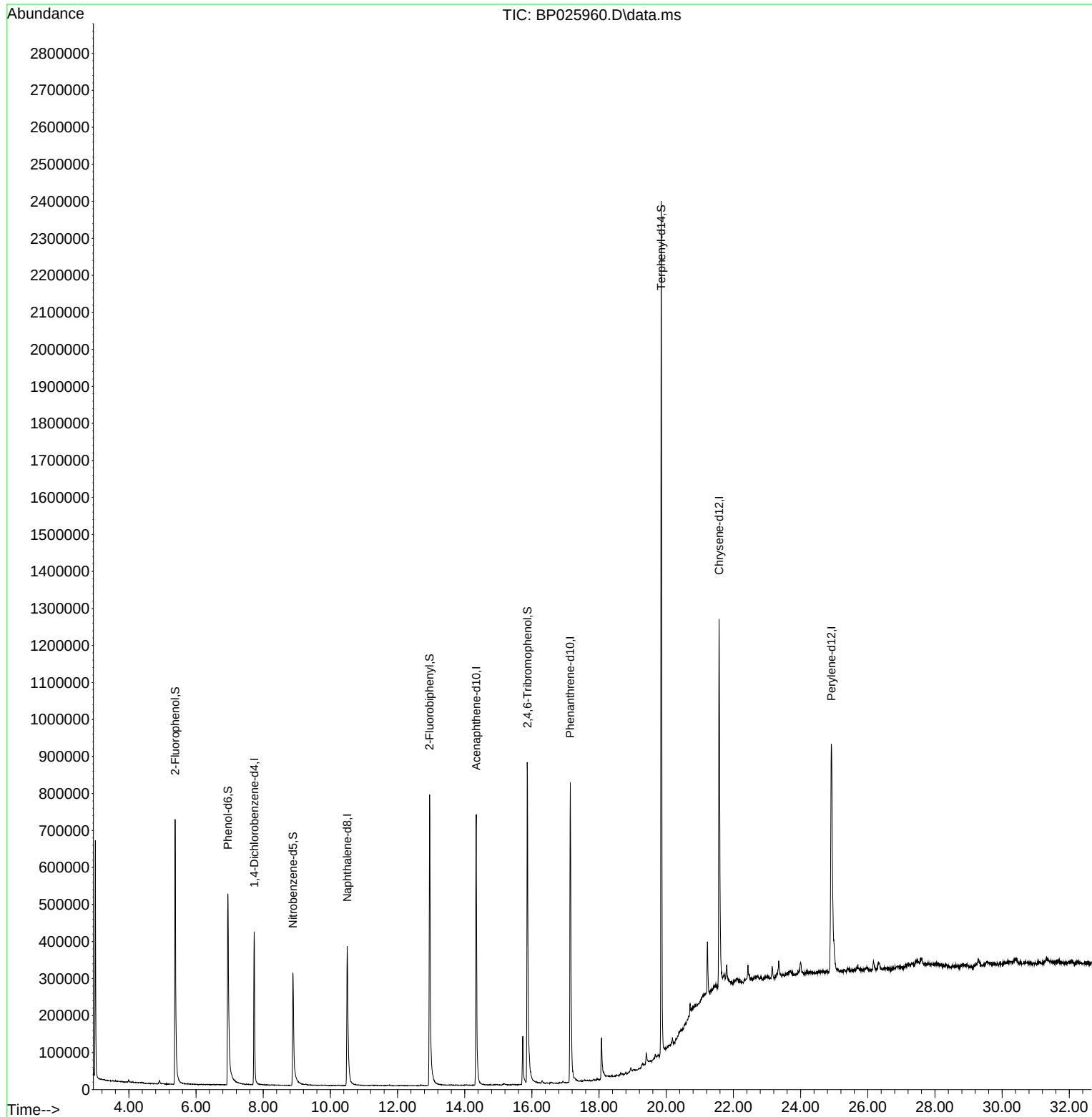
Target Compounds	Qvalue

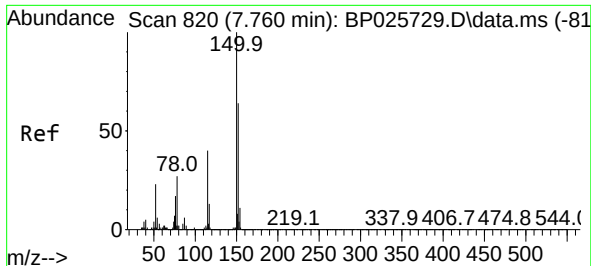
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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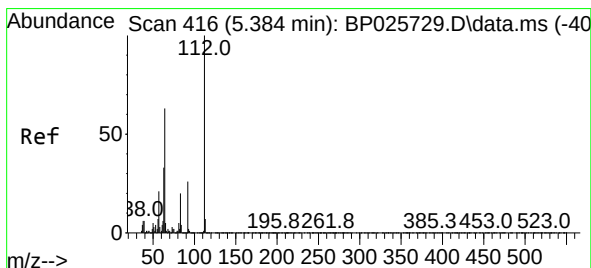
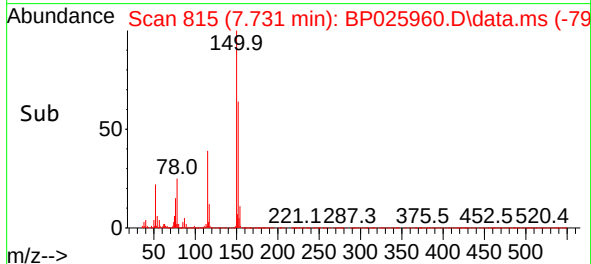
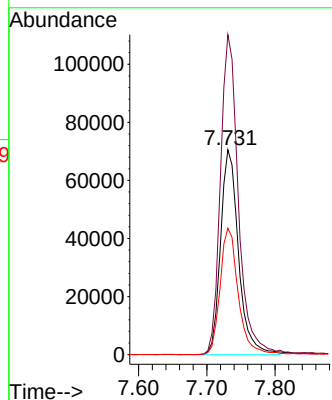
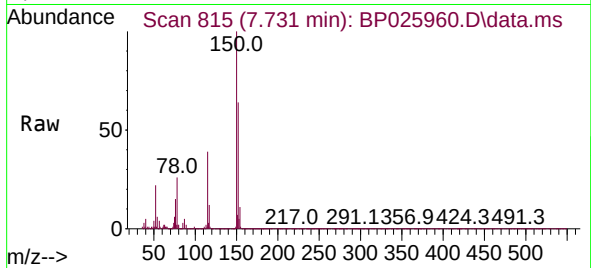




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.731 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP025960.D
 Acq: 08 Oct 2025 19:32

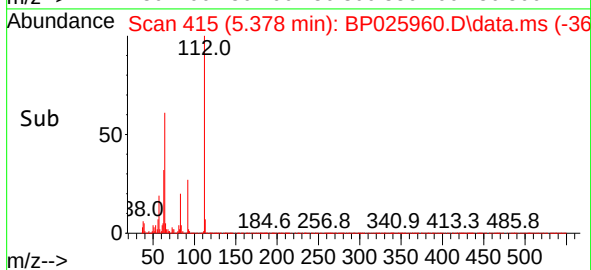
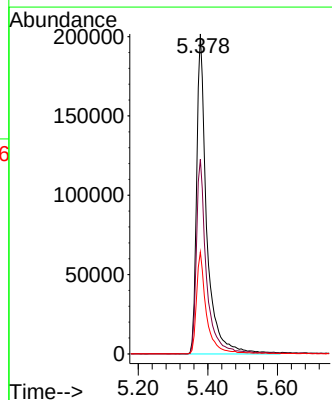
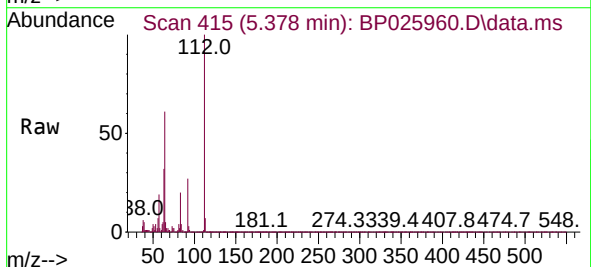
Instrument :
 BNA_P
 ClientSampleId :
 S-12(6.0-6.5)

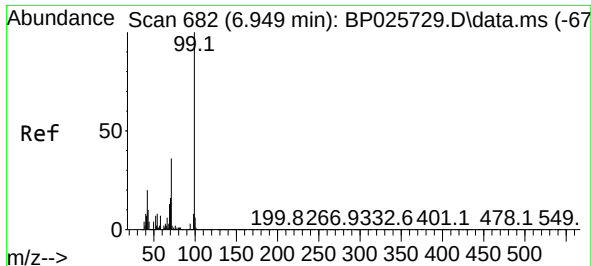
Tgt Ion:152 Resp: 128417
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.3 186.5
 115 61.6 50.3 75.5



#5
 2-Fluorophenol
 Concen: 51.881 ng
 RT: 5.378 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: BP025960.D
 Acq: 08 Oct 2025 19:32

Tgt Ion:112 Resp: 408201
 Ion Ratio Lower Upper
 112 100
 64 60.8 50.2 75.4
 63 31.8 26.7 40.1

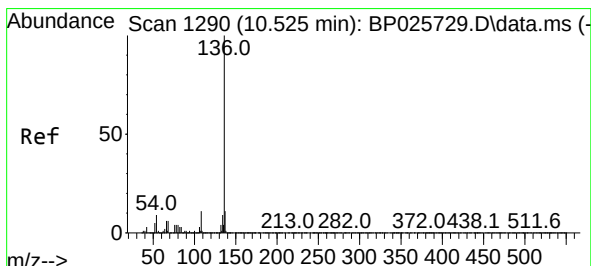
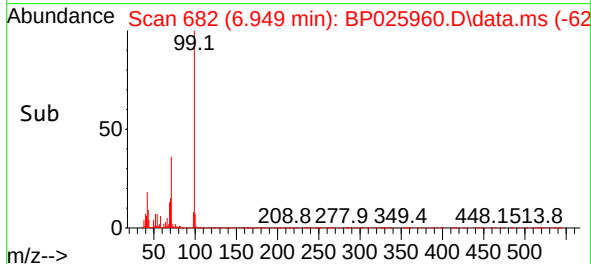
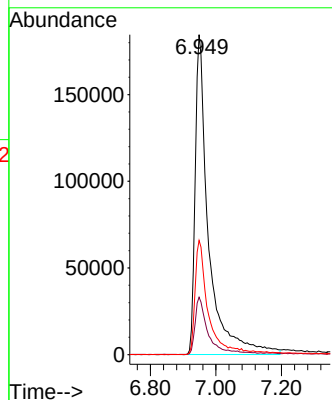
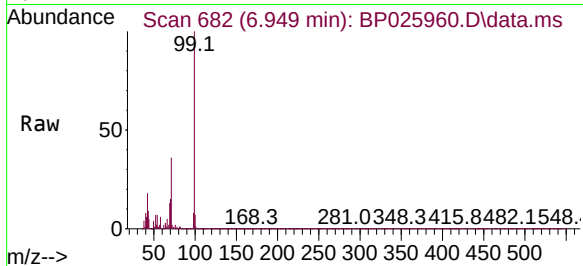




#7
Phenol-d6
Concen: 50.426 ng
RT: 6.949 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

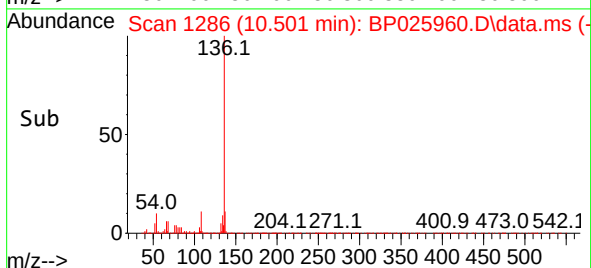
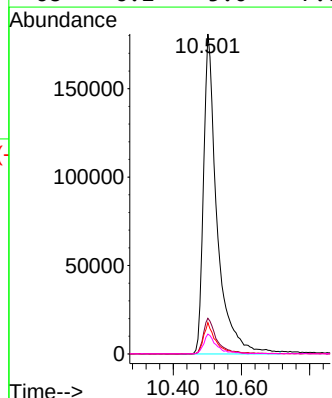
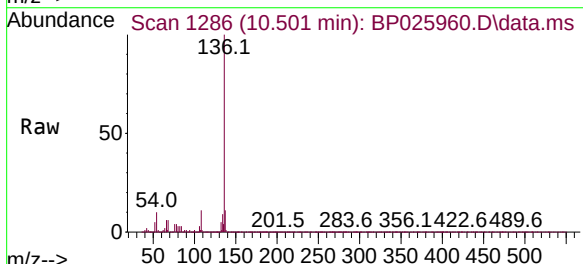
Instrument :
BNA_P
ClientSampleId :
S-12(6.0-6.5)

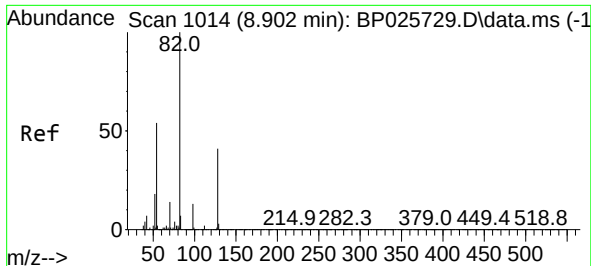
Tgt Ion:	99	Resp:	523929
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.6	23.4
71	35.7	28.6	43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.501 min Scan# 1286
Delta R.T. 0.012 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Tgt Ion:	136	Resp:	499788
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.8	7.5	11.3
68	6.2	5.0	7.6

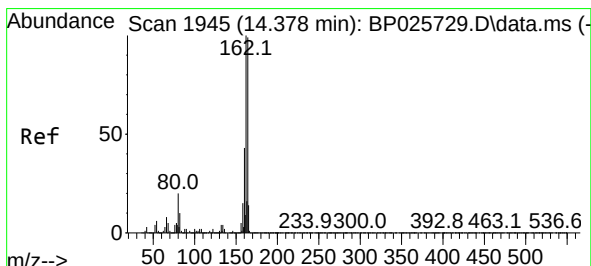
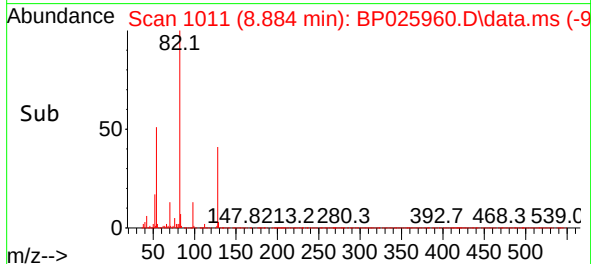
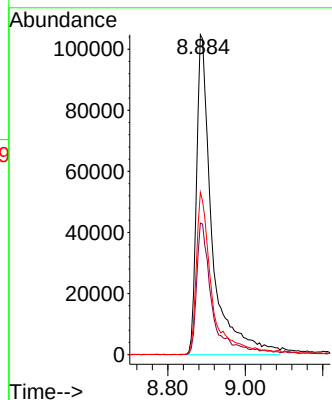
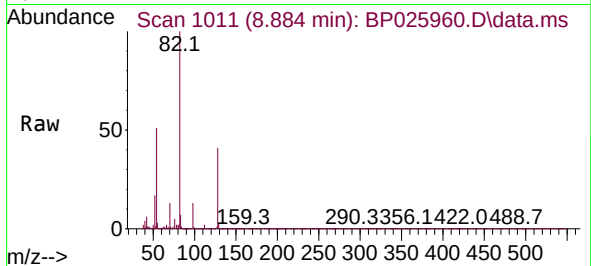




#23
Nitrobenzene-d5
Concen: 26.282 ng
RT: 8.884 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

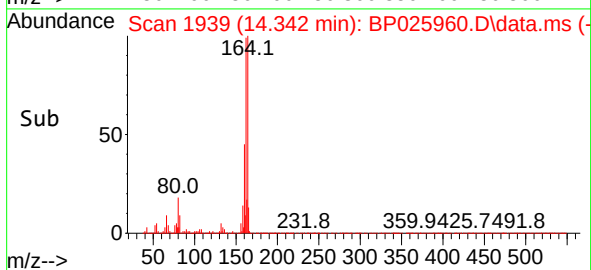
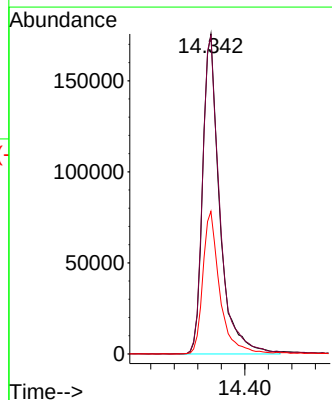
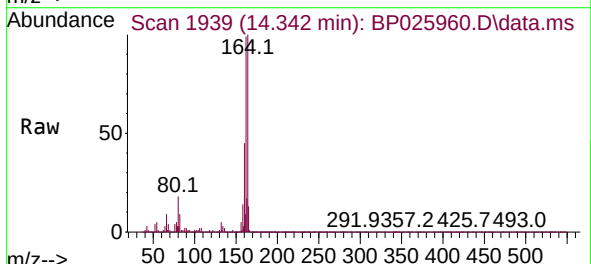
Instrument :
BNA_P
ClientSampleId :
S-12(6.0-6.5)

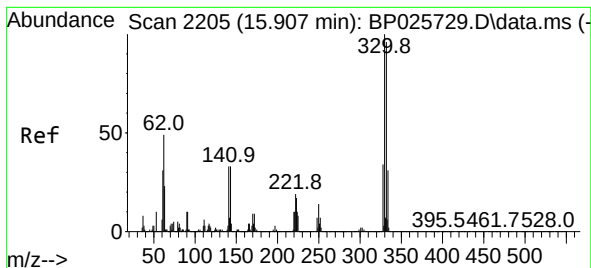
Tgt Ion: 82 Resp: 293489
Ion Ratio Lower Upper
82 100
128 41.1 32.9 49.3
54 50.7 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.342 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Tgt Ion: 164 Resp: 351286
Ion Ratio Lower Upper
164 100
162 99.4 80.6 120.8
160 44.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 60.024 ng

RT: 15.866 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025960.D

Acq: 08 Oct 2025 19:32

Instrument :

BNA_P

ClientSampleId :

S-12(6.0-6.5)

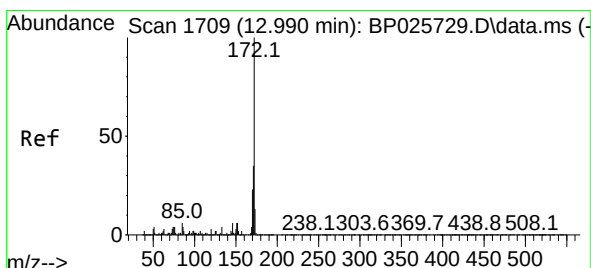
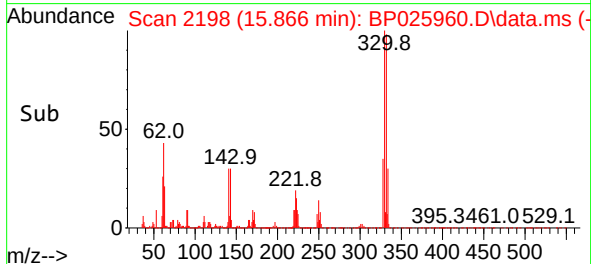
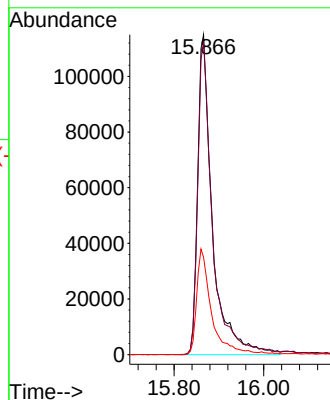
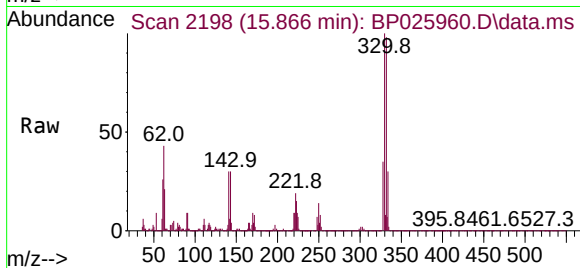
Tgt Ion:330 Resp: 263323

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

141 32.8 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 24.027 ng

RT: 12.954 min Scan# 1703

Delta R.T. 0.006 min

Lab File: BP025960.D

Acq: 08 Oct 2025 19:32

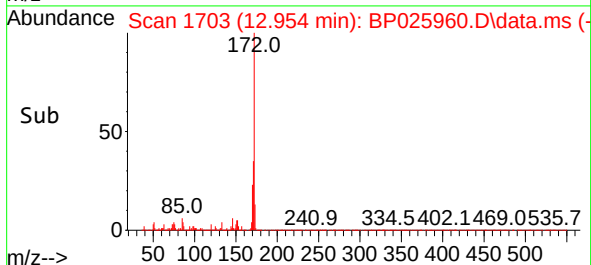
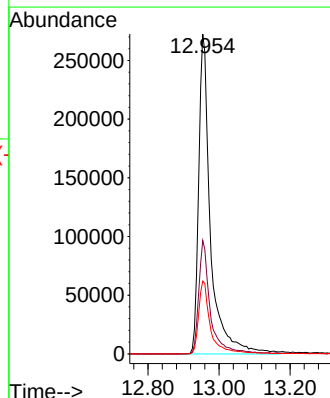
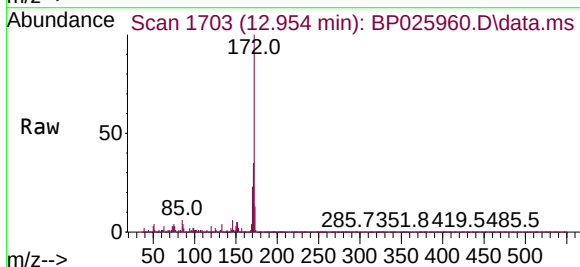
Tgt Ion:172 Resp: 628312

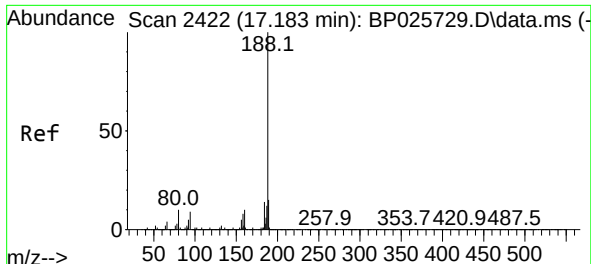
Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.6

170 22.8 18.6 27.8

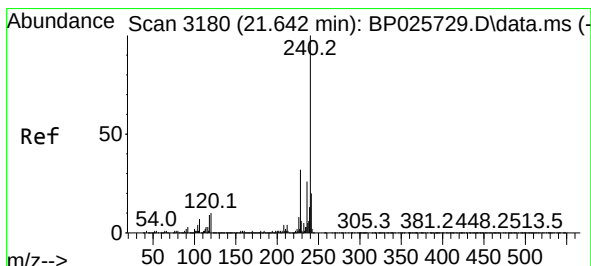
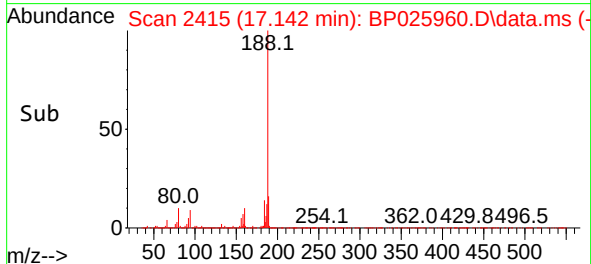
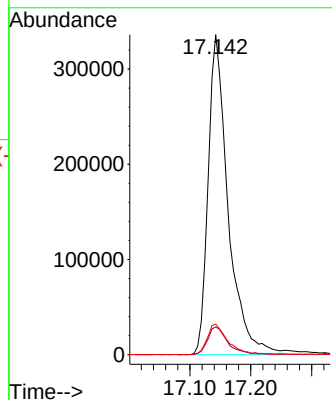
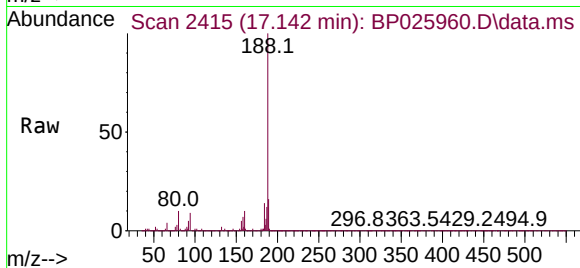




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

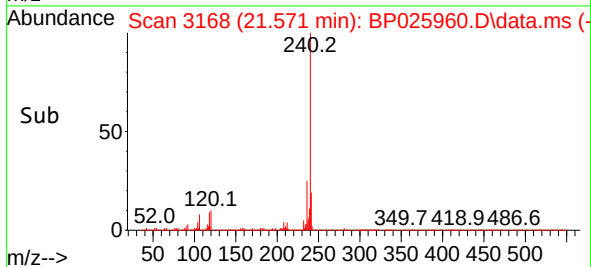
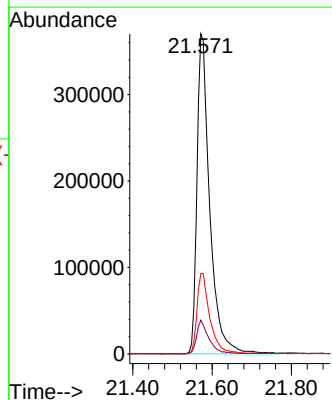
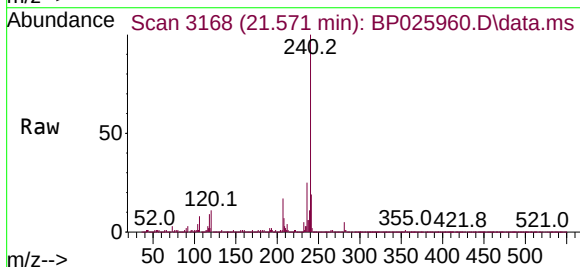
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S-12(6.0-6.5)

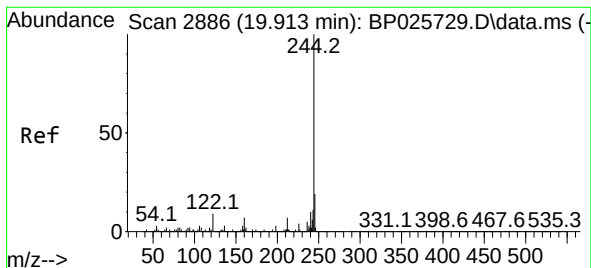
Tgt Ion:188 Resp: 763845
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 9.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Tgt Ion:240 Resp: 824798
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 25.1 20.7 31.1





#79

Terphenyl-d14

Concen: 32.504 ng

RT: 19.848 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025960.D

Acq: 08 Oct 2025 19:32

Instrument :

BNA_P

ClientSampleId :

S-12(6.0-6.5)

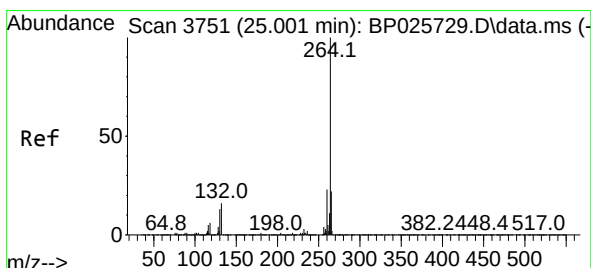
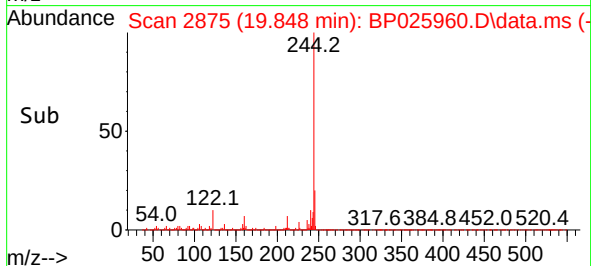
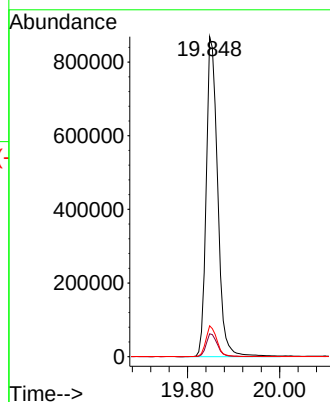
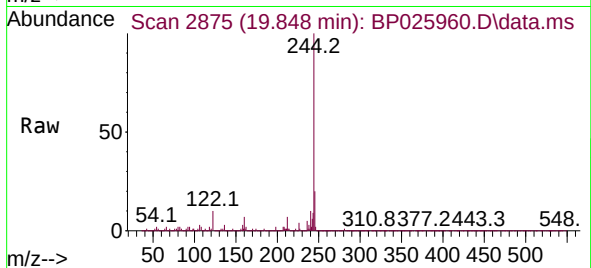
Tgt Ion:244 Resp: 1486774

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 9.6 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.918 min Scan# 3737

Delta R.T. -0.000 min

Lab File: BP025960.D

Acq: 08 Oct 2025 19:32

Tgt Ion:264 Resp: 868398

Ion Ratio Lower Upper

264 100

260 24.4 18.3 27.5

265 22.3 17.3 25.9

