

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092925\
 Data File : BP025880.D
 Acq On : 29 Sep 2025 14:23
 Operator : CG/JU
 Sample : Q3210-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SG-1

Quant Time: Sep 29 15:00:16 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	7.743	152	186530	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	682496	20.000	ng	-0.01
39) Acenaphthene-d10	14.366	164	409394	20.000	ng	-0.01
64) Phenanthrene-d10	17.172	188	780801	20.000	ng	-0.01
76) Chrysene-d12	21.619	240	914213	20.000	ng	-0.02
86) Perylene-d12	24.977	264	1089506	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	875147	75.703	ng	0.00
7) Phenol-d6	6.949	99	1056152	68.735	ng	0.00
23) Nitrobenzene-d5	8.890	82	654639	42.311	ng	-0.01
42) 2,4,6-Tribromophenol	15.889	330	410668	80.423	ng	-0.02
45) 2-Fluorobiphenyl	12.972	172	1505898	48.978	ng	-0.02
79) Terphenyl-d14	19.883	244	2191943	43.133	ng	-0.03

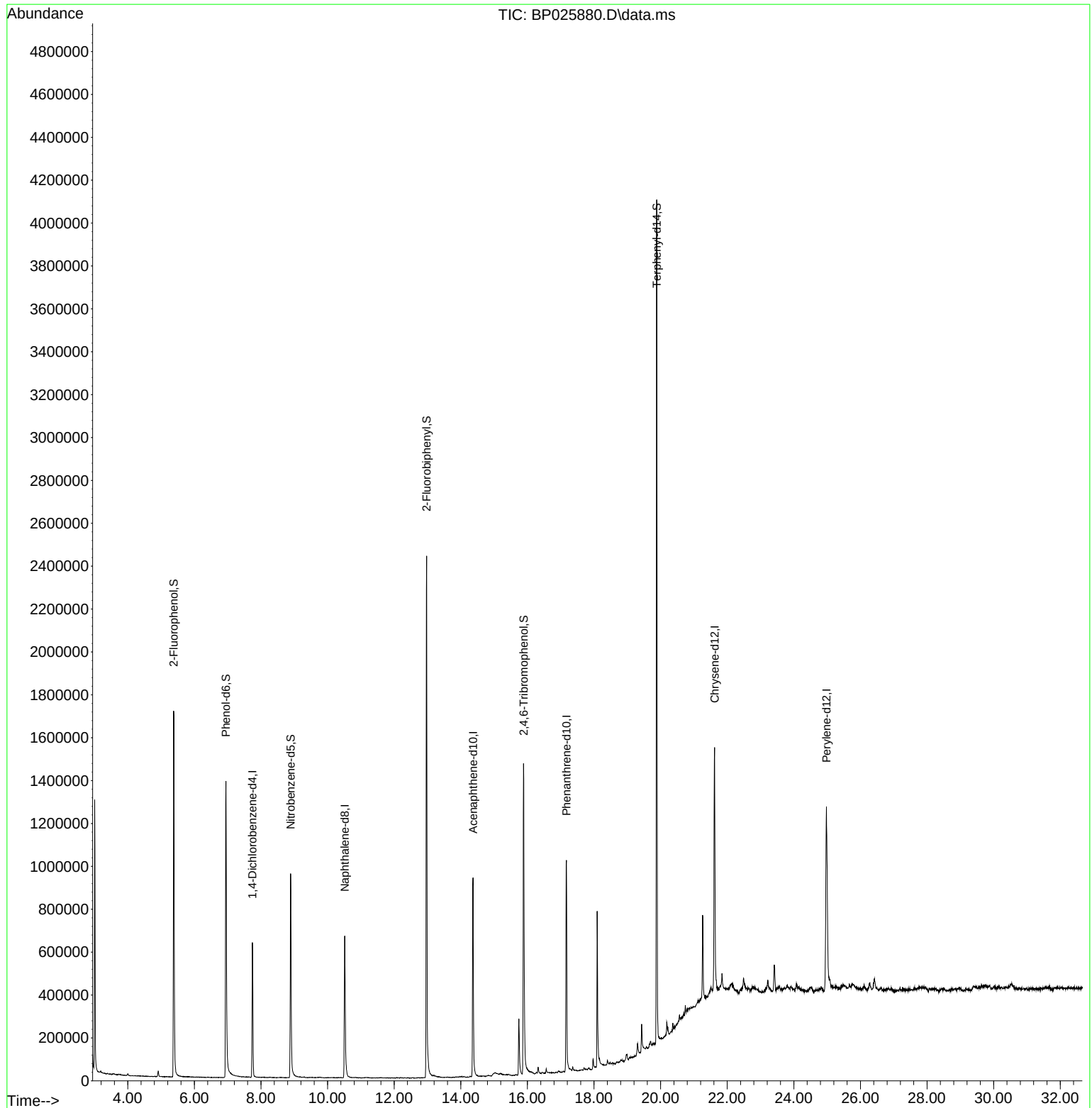
Target Compounds	Qvalue

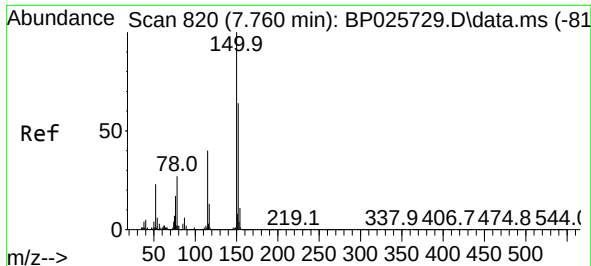
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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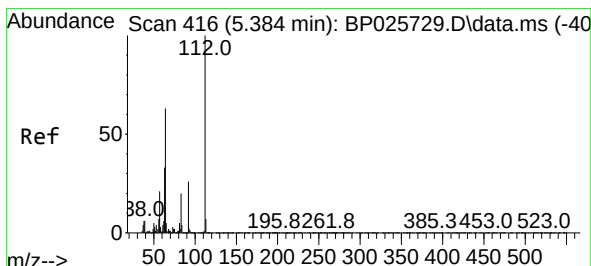
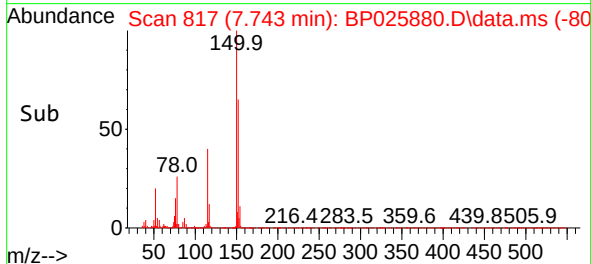
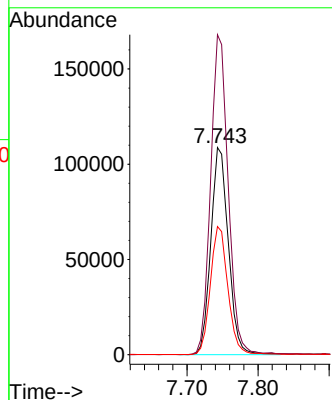
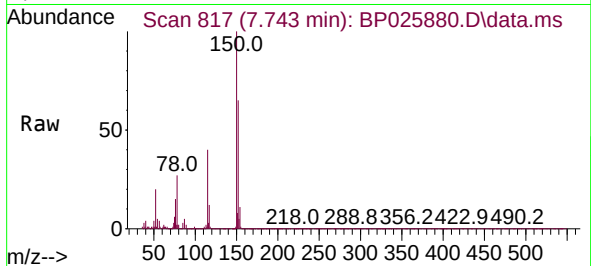




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.743 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: BP025880.D
 Acq: 29 Sep 2025 14:23

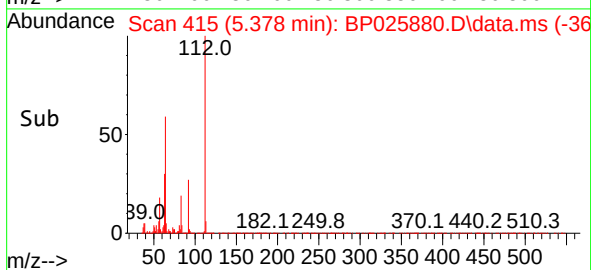
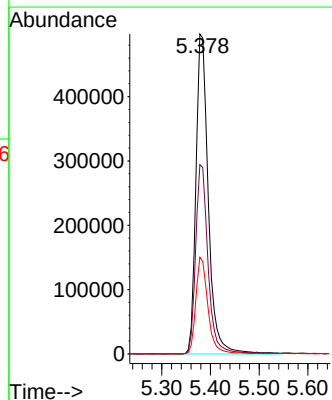
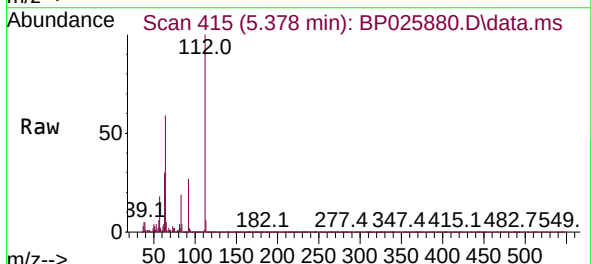
Instrument :
 BNA_P
 ClientSampleId :
 SG-1

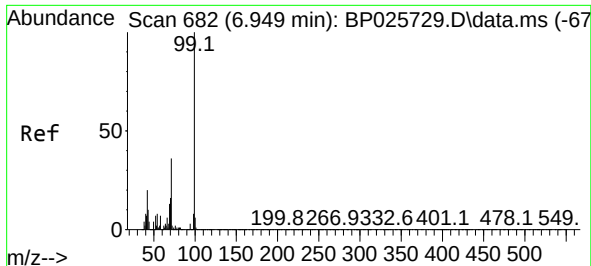
Tgt Ion:152 Resp: 186530
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.3 186.5
 115 61.8 50.3 75.5



#5
 2-Fluorophenol
 Concen: 75.703 ng
 RT: 5.378 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: BP025880.D
 Acq: 29 Sep 2025 14:23

Tgt Ion:112 Resp: 875147
 Ion Ratio Lower Upper
 112 100
 64 59.1 50.2 75.4
 63 30.2 26.7 40.1



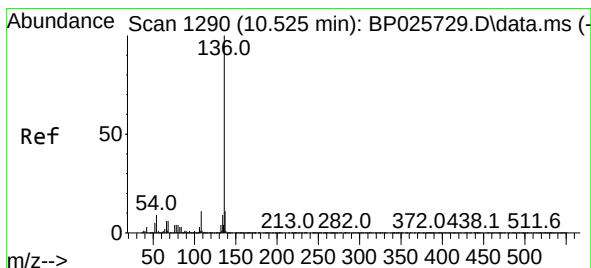
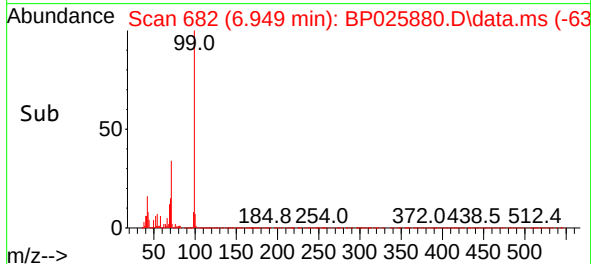
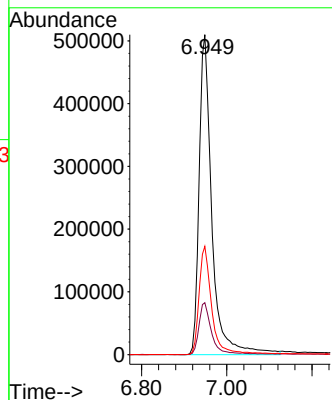
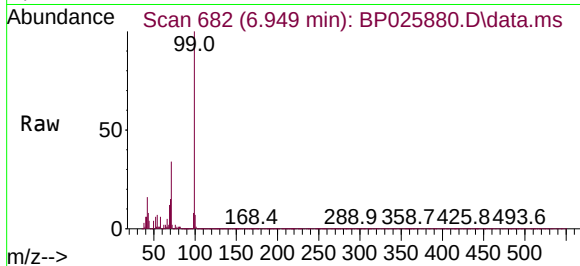


#7
Phenol-d6
Concen: 68.735 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP025880.D
Acq: 29 Sep 2025 14:23

Instrument :
BNA_P
ClientSampleId :
SG-1

Tgt Ion: 99 Resp: 1056152

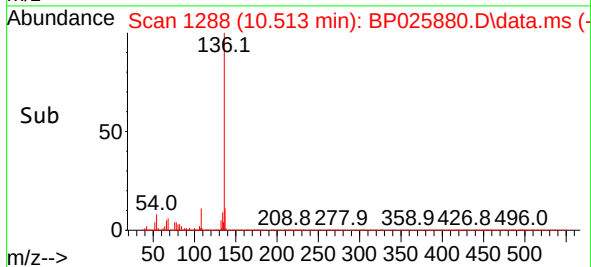
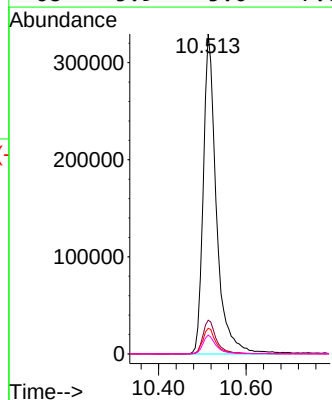
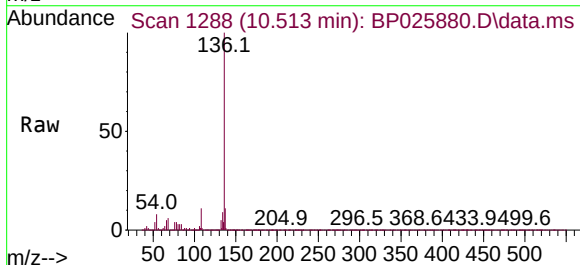
Ion	Ratio	Lower	Upper
99	100		
42	16.2	15.6	23.4
71	33.8	28.6	43.0

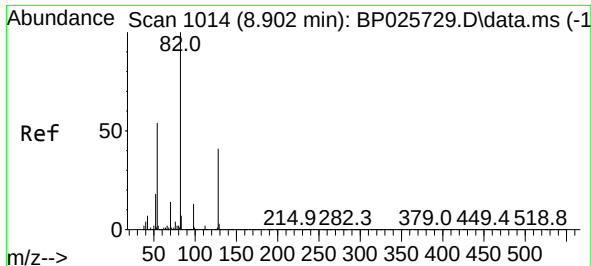


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025880.D
Acq: 29 Sep 2025 14:23

Tgt Ion: 136 Resp: 682496

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	8.0	7.5	11.3
68	5.9	5.0	7.6

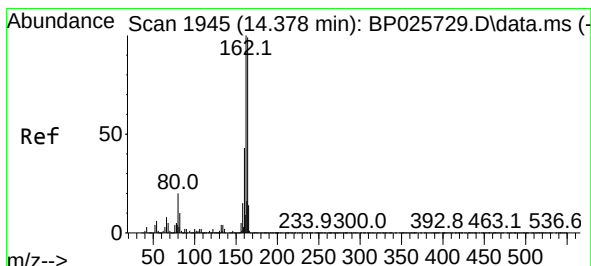
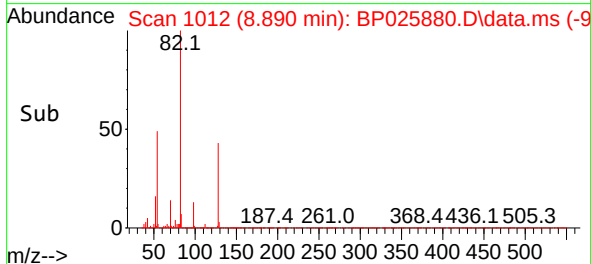
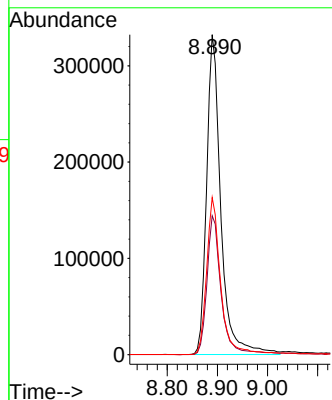
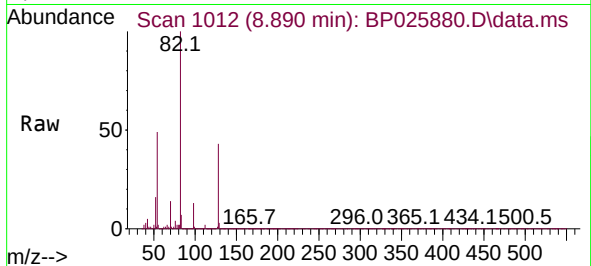




#23
Nitrobenzene-d5
Concen: 42.311 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025880.D
Acq: 29 Sep 2025 14:23

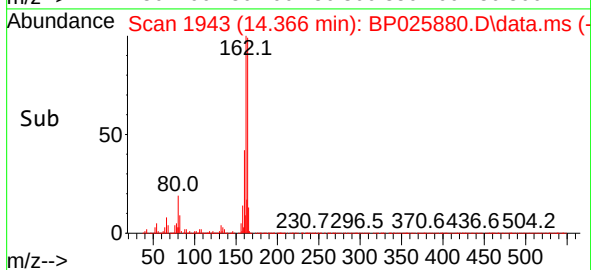
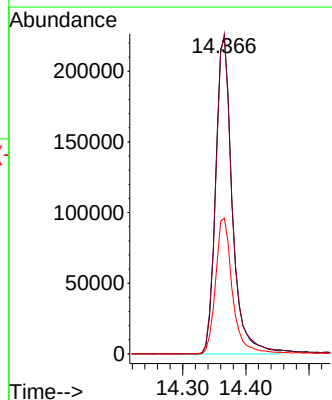
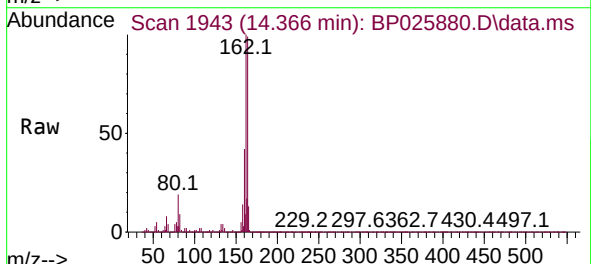
Instrument :
BNA_P
ClientSampleId :
SG-1

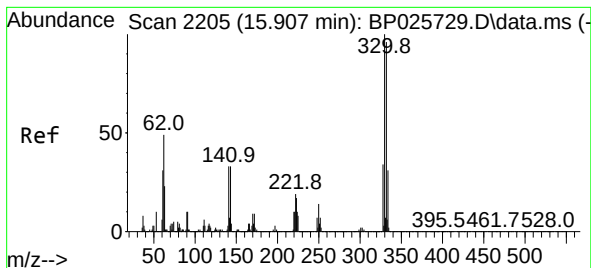
Tgt Ion: 82 Resp: 654639
Ion Ratio Lower Upper
82 100
128 43.4 32.9 49.3
54 49.1 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.366 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP025880.D
Acq: 29 Sep 2025 14:23

Tgt Ion: 164 Resp: 409394
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 43.1 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 80.423 ng

RT: 15.889 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025880.D

Acq: 29 Sep 2025 14:23

Instrument :

BNA_P

ClientSampleId :

SG-1

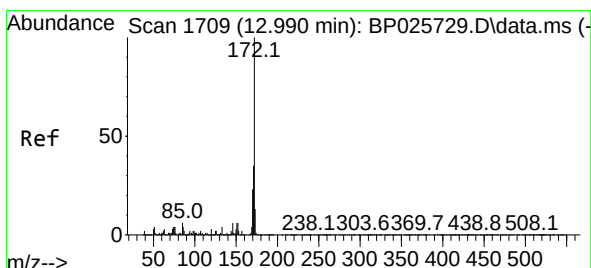
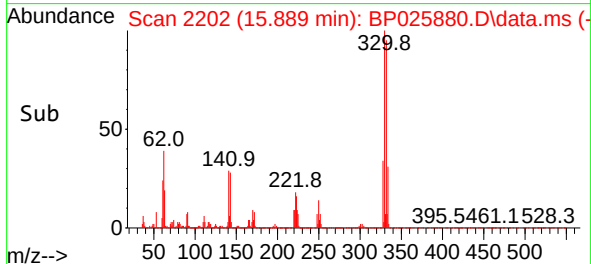
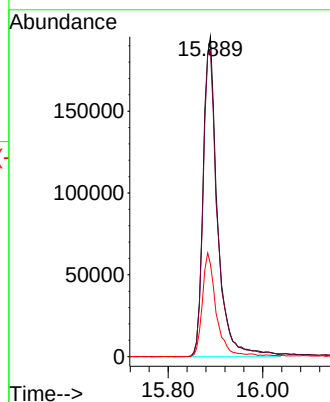
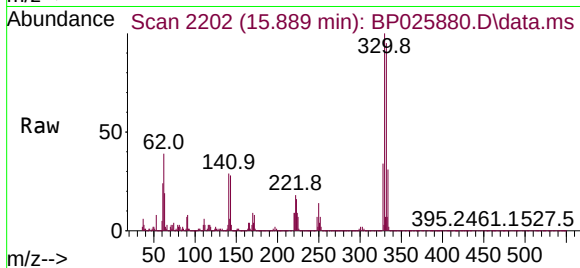
Tgt Ion:330 Resp: 410668

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

141 30.8 31.0 46.4#



#45

2-Fluorobiphenyl

Concen: 48.978 ng

RT: 12.972 min Scan# 1706

Delta R.T. -0.018 min

Lab File: BP025880.D

Acq: 29 Sep 2025 14:23

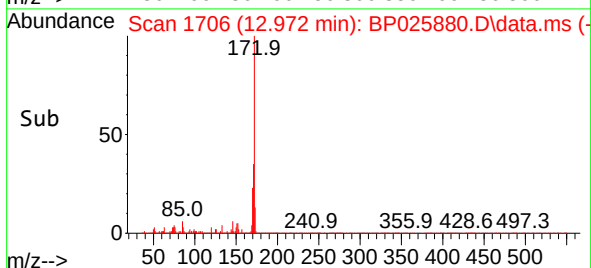
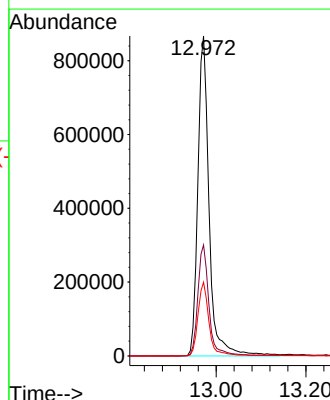
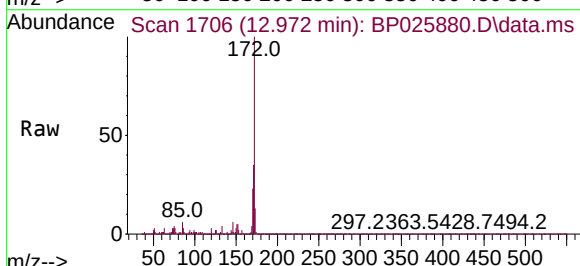
Tgt Ion:172 Resp: 1505898

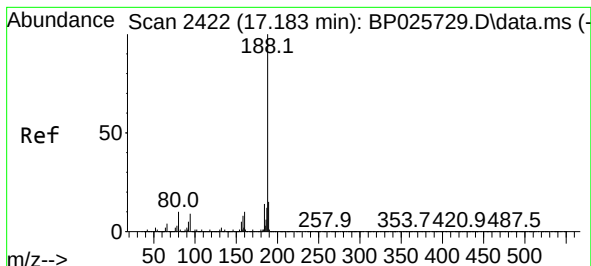
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.0 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.172 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP025880.D

Acq: 29 Sep 2025 14:23

Instrument :

BNA_P

ClientSampleId :

SG-1

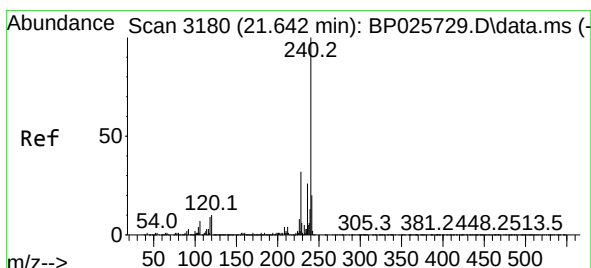
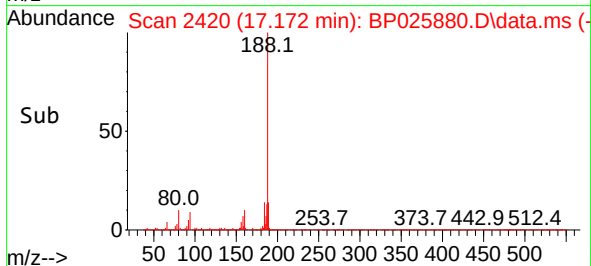
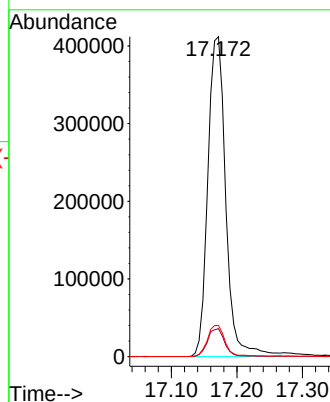
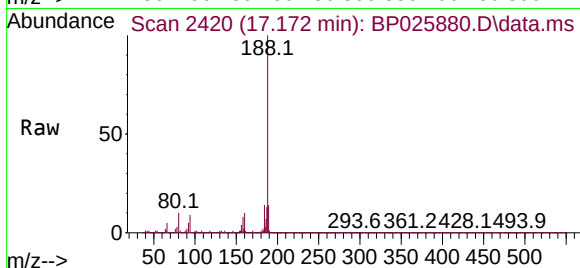
Tgt Ion:188 Resp: 780801

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.0

80 9.7 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.619 min Scan# 3176

Delta R.T. -0.024 min

Lab File: BP025880.D

Acq: 29 Sep 2025 14:23

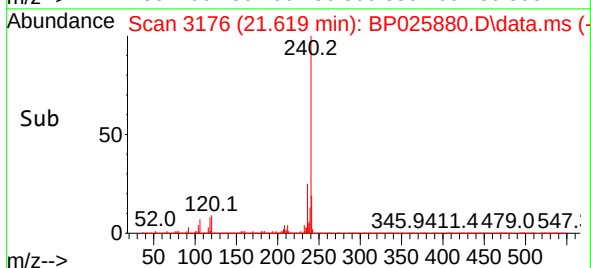
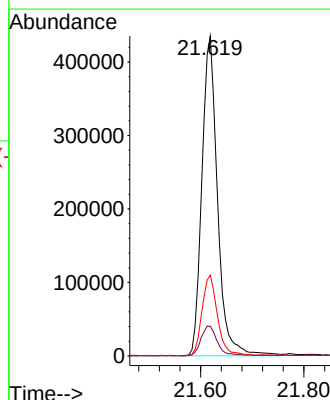
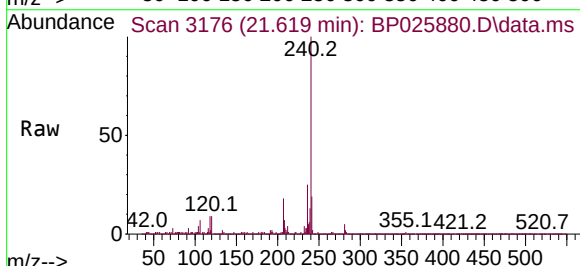
Tgt Ion:240 Resp: 914213

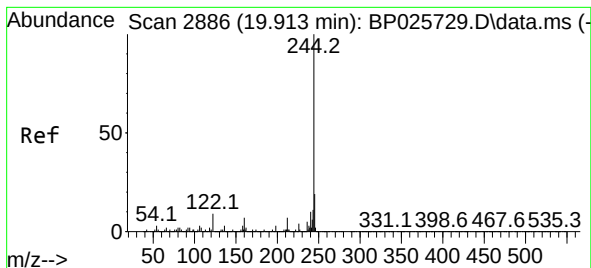
Ion Ratio Lower Upper

240 100

120 9.3 8.0 12.0

236 25.3 20.7 31.1





#79

Terphenyl-d14

Concen: 43.133 ng

RT: 19.883 min Scan# 2886

Delta R.T. -0.029 min

Lab File: BP025880.D

Acq: 29 Sep 2025 14:23

Instrument :

BNA_P

ClientSampleId :

SG-1

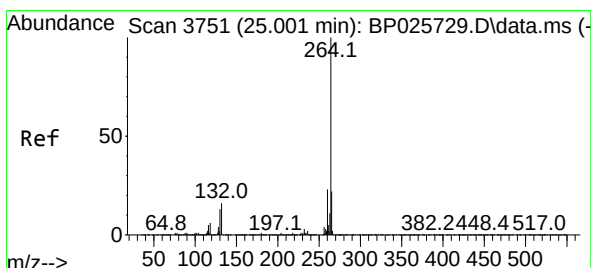
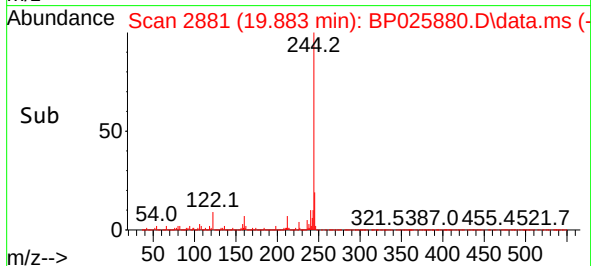
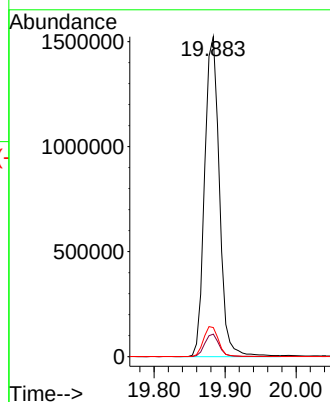
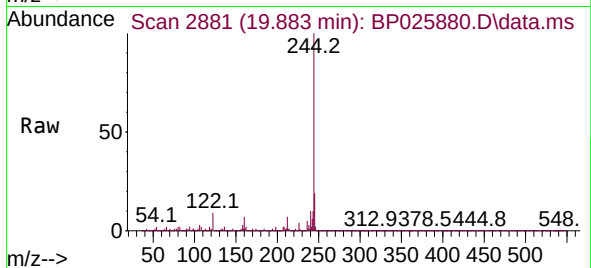
Tgt Ion:244 Resp: 2191943

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 9.1 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.977 min Scan# 3747

Delta R.T. -0.024 min

Lab File: BP025880.D

Acq: 29 Sep 2025 14:23

Tgt Ion:264 Resp: 1089506

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.7 17.3 25.9

