

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
 Data File : BP025793.D
 Acq On : 19 Sep 2025 10:53
 Operator : CG/JU
 Sample : PB169731TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169731TB

Quant Time: Sep 19 11:28:57 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	7.748	152	198195	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	754273	20.000	ng	0.00
39) Acenaphthene-d10	14.377	164	480600	20.000	ng	0.00
64) Phenanthrene-d10	17.177	188	999588	20.000	ng	0.00
76) Chrysene-d12	21.624	240	1042439	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1081487	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1548829	126.094	ng	0.00
7) Phenol-d6	6.937	99	1943274	119.025	ng	-0.01
23) Nitrobenzene-d5	8.889	82	1331410	77.863	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	707720	118.061	ng	0.00
45) 2-Fluorobiphenyl	12.983	172	2800189	77.579	ng	0.00
79) Terphenyl-d14	19.901	244	4446684	76.739	ng	-0.01

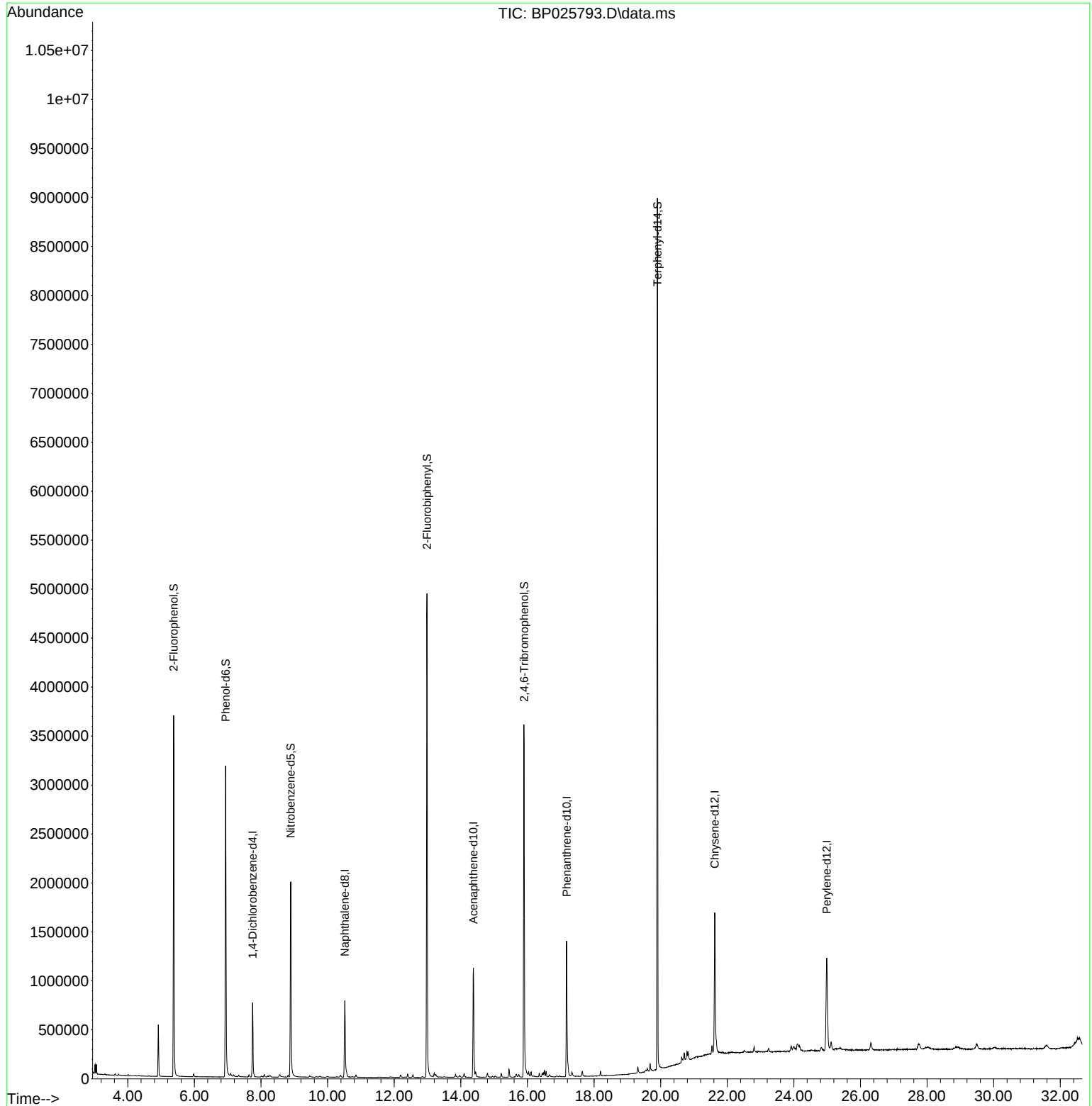
Target Compounds	Qvalue

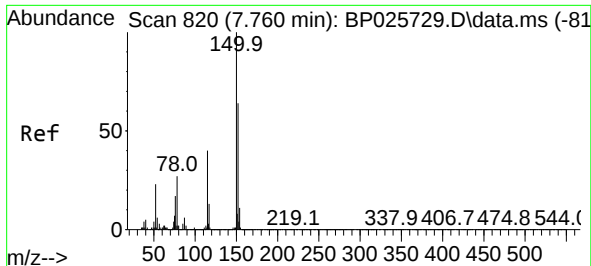
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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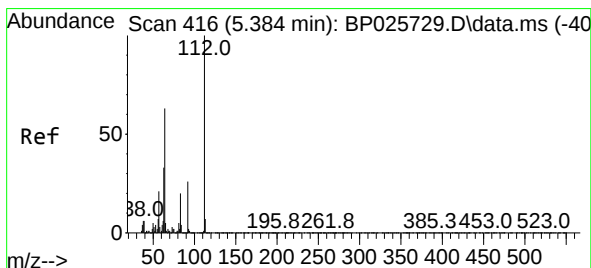
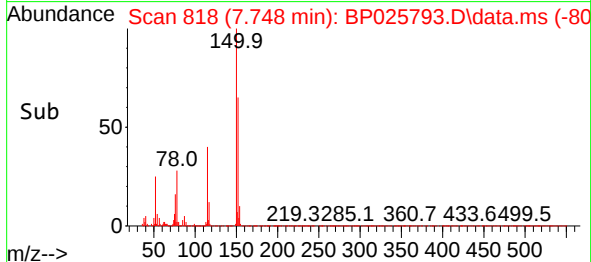
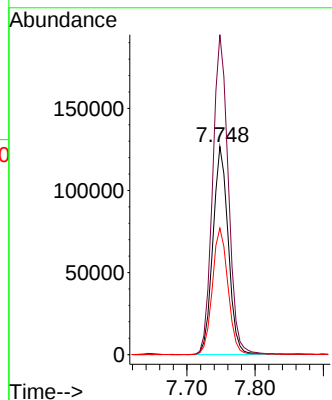
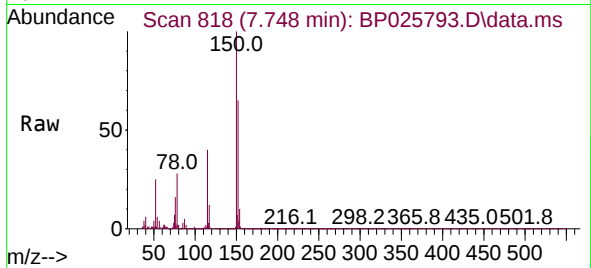




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.748 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025793.D
Acq: 19 Sep 2025 10:53

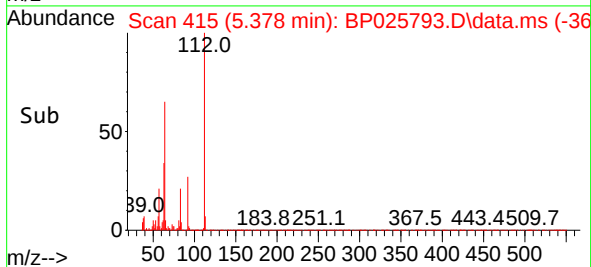
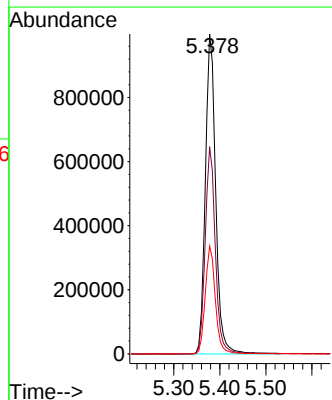
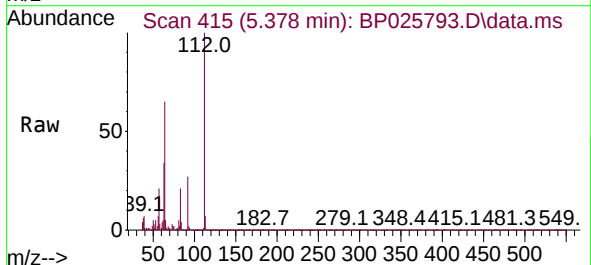
Instrument :
BNA_P
ClientSampleId :
PB169731TB

Tgt Ion:152 Resp: 198195
Ion Ratio Lower Upper
152 100
150 153.7 124.3 186.5
115 60.8 50.3 75.5



#5
2-Fluorophenol
Concen: 126.094 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025793.D
Acq: 19 Sep 2025 10:53

Tgt Ion:112 Resp: 1548829
Ion Ratio Lower Upper
112 100
64 64.7 50.2 75.4
63 33.7 26.7 40.1



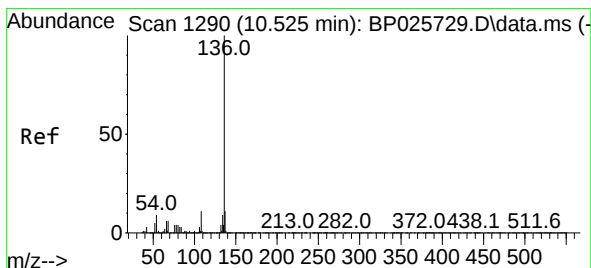
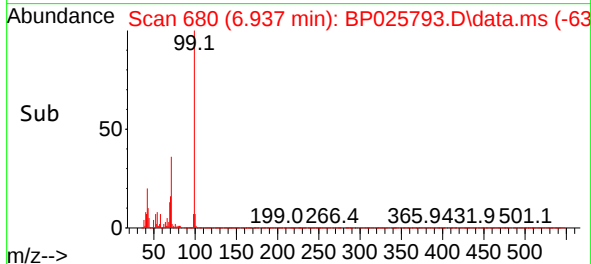
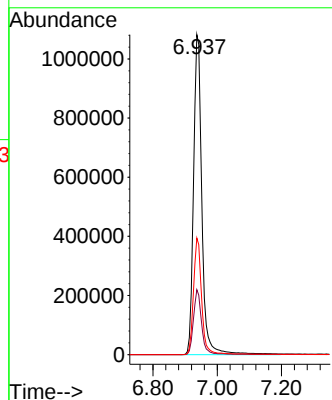
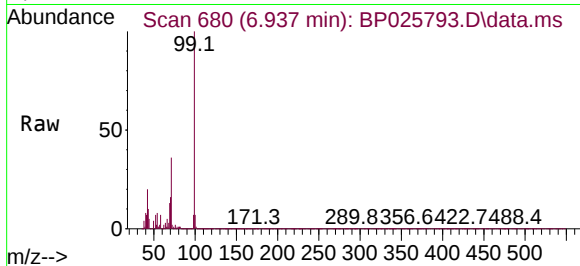


#7
Phenol-d6
Concen: 119.025 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.012 min
Lab File: BP025793.D
Acq: 19 Sep 2025 10:53

Instrument :
BNA_P
ClientSampleId :
PB169731TB

Tgt Ion: 99 Resp: 1943274

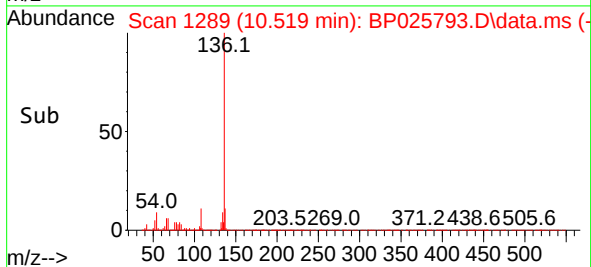
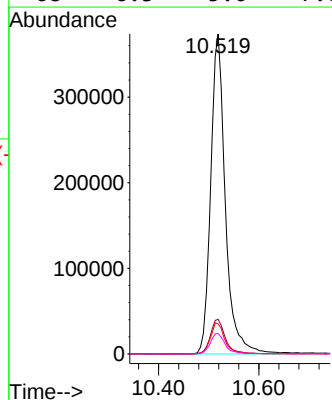
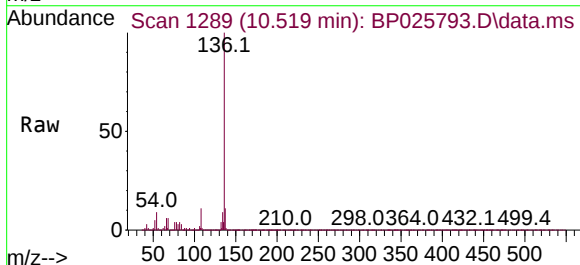
Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.6	23.4
71	36.4	28.6	43.0

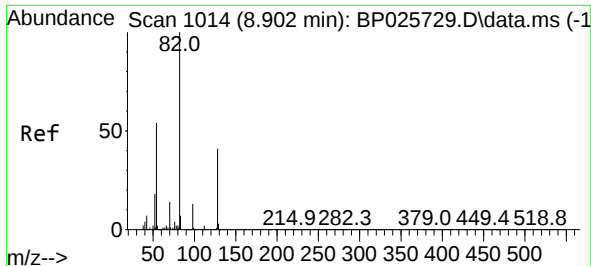


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025793.D
Acq: 19 Sep 2025 10:53

Tgt Ion:136 Resp: 754273

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.4	7.5	11.3
68	6.3	5.0	7.6

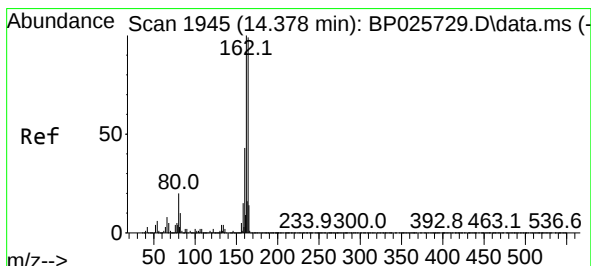
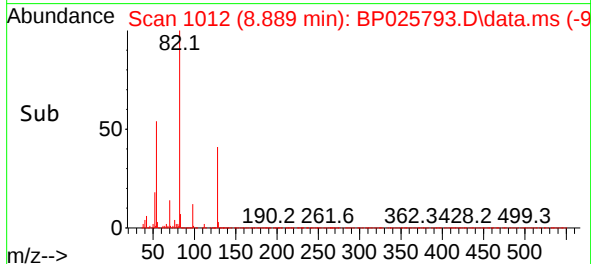
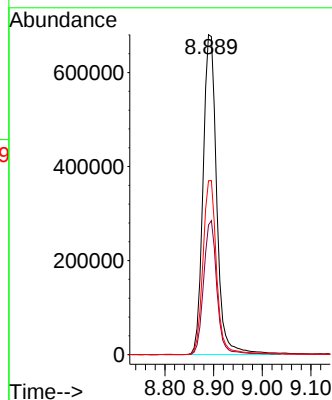
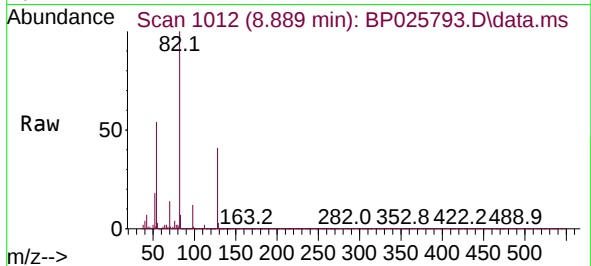




#23
Nitrobenzene-d5
Concen: 77.863 ng
RT: 8.889 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025793.D
Acq: 19 Sep 2025 10:53

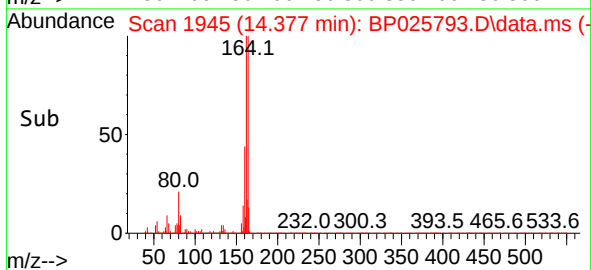
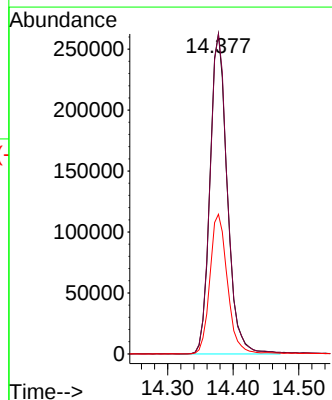
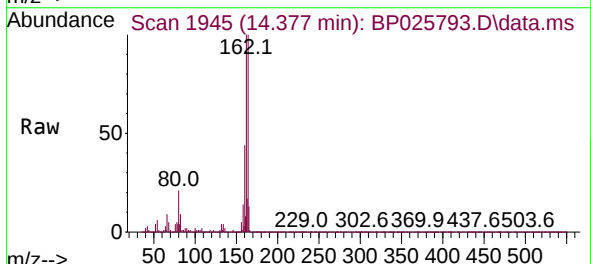
Instrument :
BNA_P
ClientSampleId :
PB169731TB

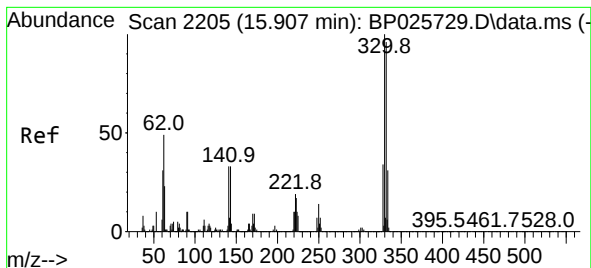
Tgt Ion: 82 Resp: 1331410
Ion Ratio Lower Upper
82 100
128 40.5 32.9 49.3
54 54.3 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.377 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025793.D
Acq: 19 Sep 2025 10:53

Tgt Ion:164 Resp: 480600
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 43.6 35.0 52.6

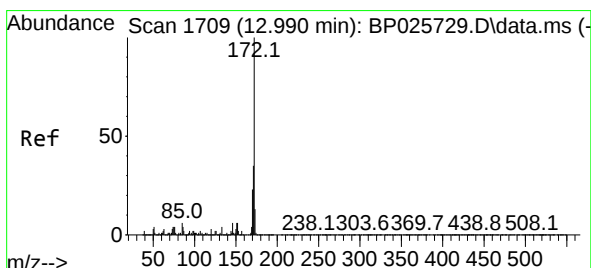
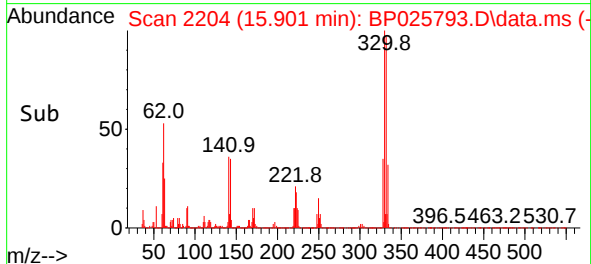
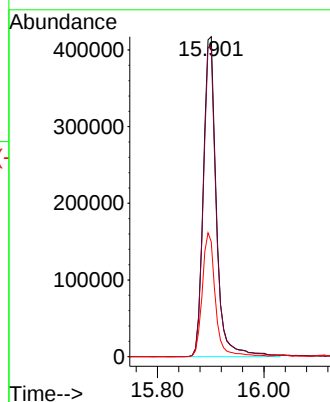
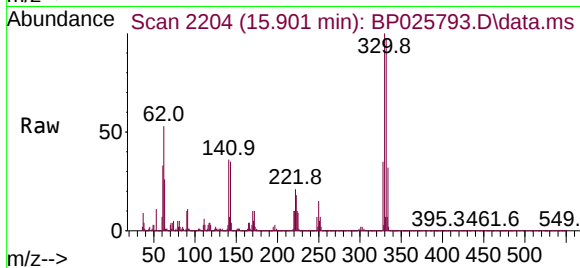




#42
2,4,6-Tribromophenol
Concen: 118.061 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025793.D
Acq: 19 Sep 2025 10:53

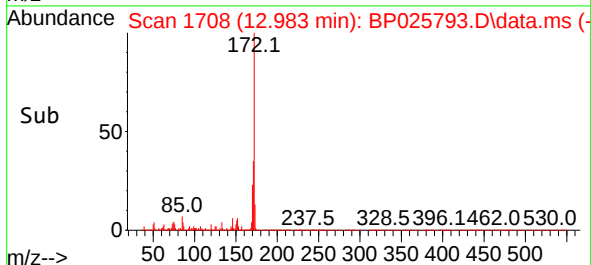
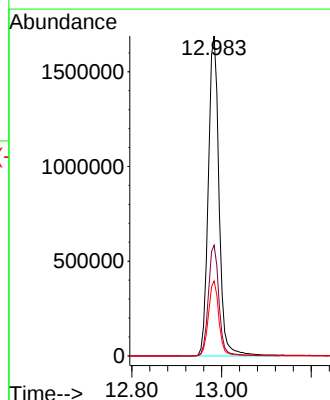
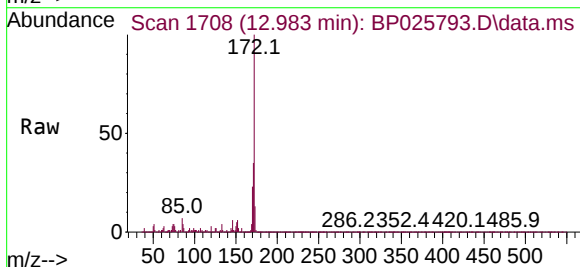
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PB169731TB

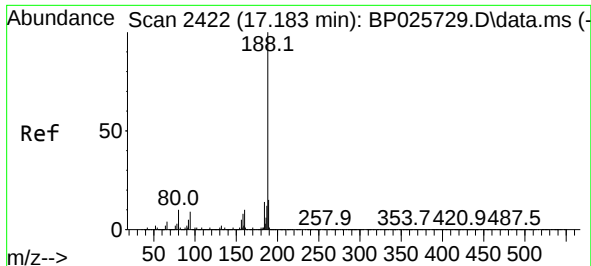
Tgt Ion:330 Resp: 707720
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 38.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 77.579 ng
RT: 12.983 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025793.D
Acq: 19 Sep 2025 10:53

Tgt Ion:172 Resp: 2800189
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.4 18.6 27.8

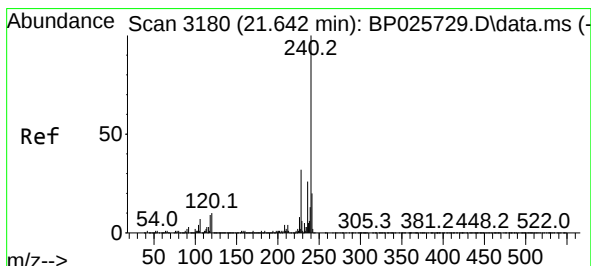
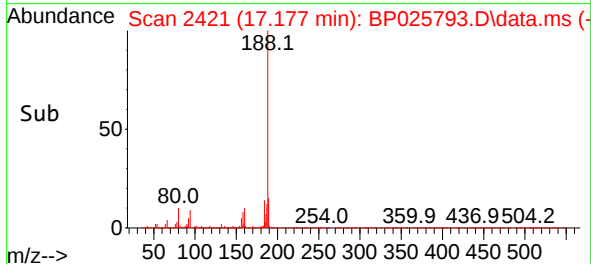
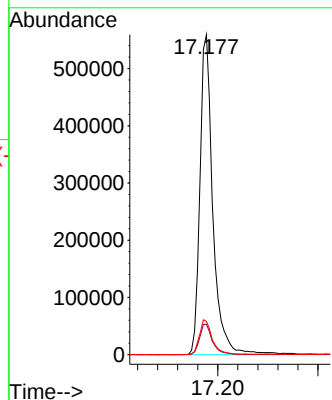
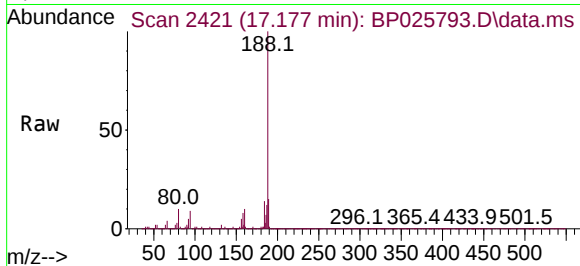




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.177 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025793.D
Acq: 19 Sep 2025 10:53

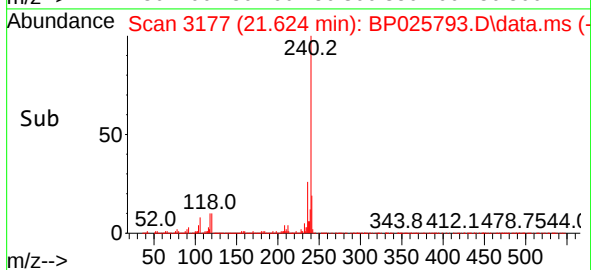
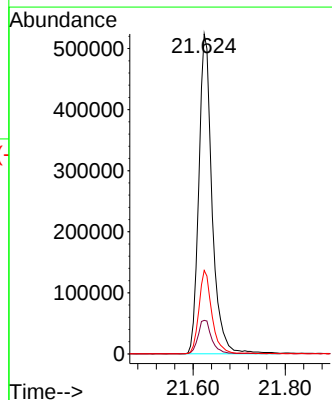
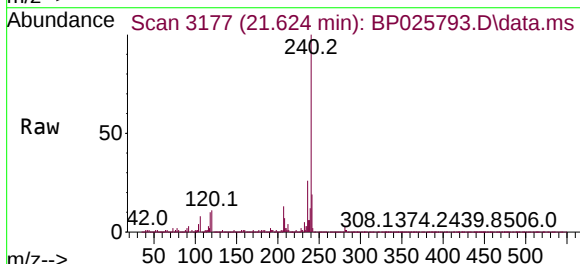
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BNA_P
ClientSampleId :
PB169731TB

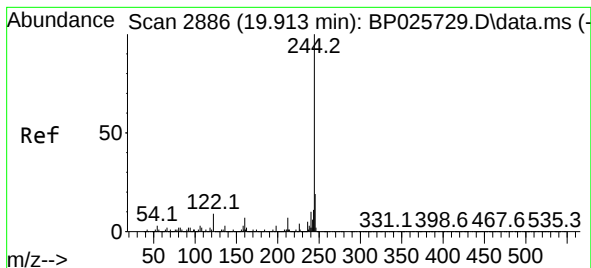
Tgt Ion:188 Resp: 999588
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 10.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.018 min
Lab File: BP025793.D
Acq: 19 Sep 2025 10:53

Tgt Ion:240 Resp: 1042439
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 76.739 ng

RT: 19.901 min Scan# 2886

Delta R.T. -0.012 min

Lab File: BP025793.D

Acq: 19 Sep 2025 10:53

Instrument :

BNA_P

ClientSampleId :

PB169731TB

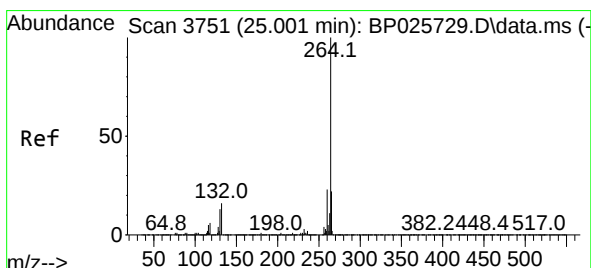
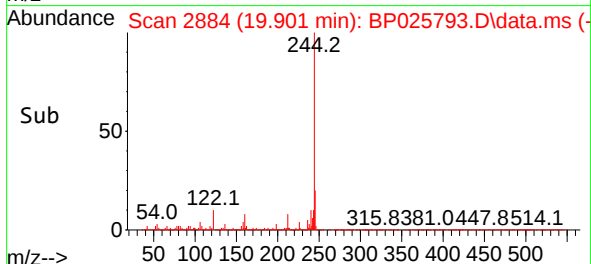
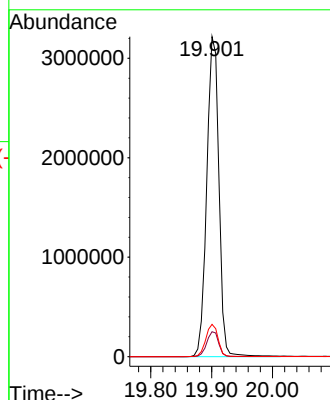
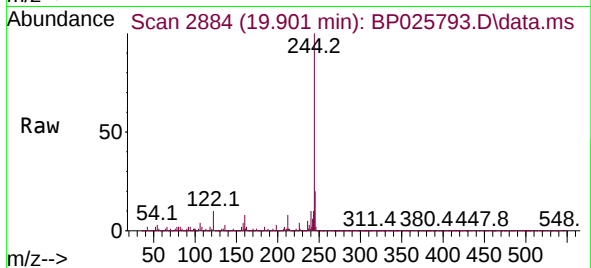
Tgt Ion:244 Resp: 4446684

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

122 10.1 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

Delta R.T. -0.012 min

Lab File: BP025793.D

Acq: 19 Sep 2025 10:53

Tgt Ion:264 Resp: 1081487

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 22.0 17.3 25.9

