

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
 Data File : BP025798.D
 Acq On : 19 Sep 2025 14:24
 Operator : CG/JU
 Sample : Q3117-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 7211986-357

Quant Time: Sep 19 14:45:11 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	7.749	152	180165	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	676804	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	425122	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	864253	20.000	ng	0.00
76) Chrysene-d12	21.619	240	878802	20.000	ng	-0.02
86) Perylene-d12	24.977	264	889317	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1377933	123.407	ng	0.00
7) Phenol-d6	6.943	99	1603915	108.071	ng	0.00
23) Nitrobenzene-d5	8.896	82	1226504	79.938	ng	0.00
42) 2,4,6-Tribromophenol	15.890	330	691567	130.422	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2524221	79.060	ng	0.00
79) Terphenyl-d14	19.907	244	4127121	84.486	ng	0.00

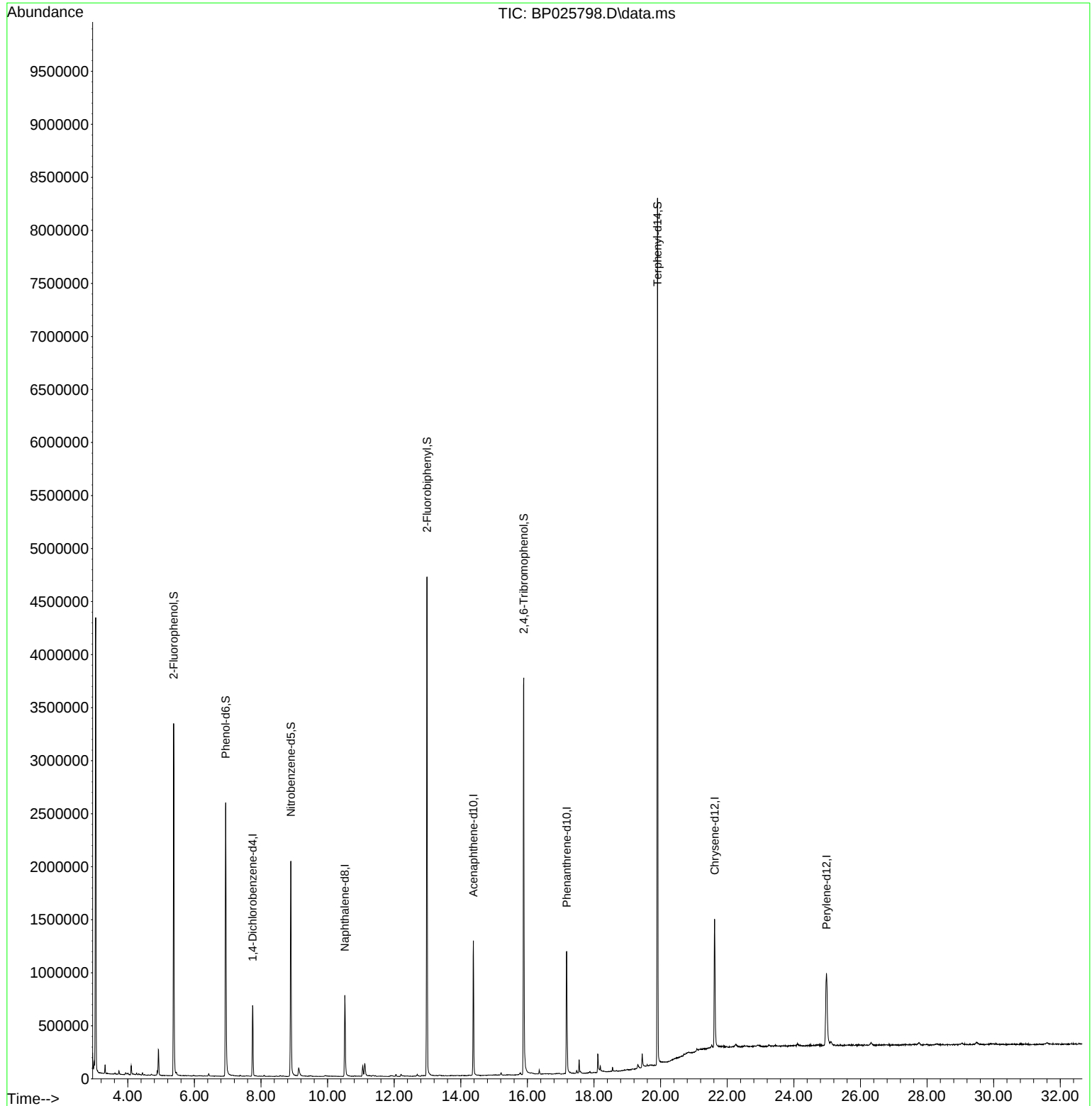
Target Compounds	Qvalue

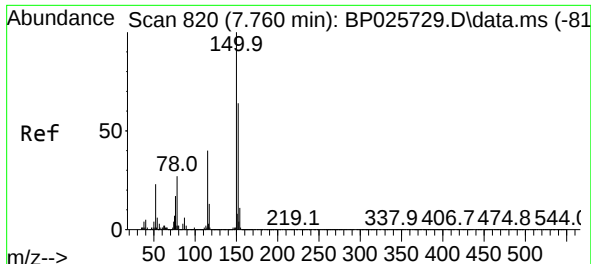
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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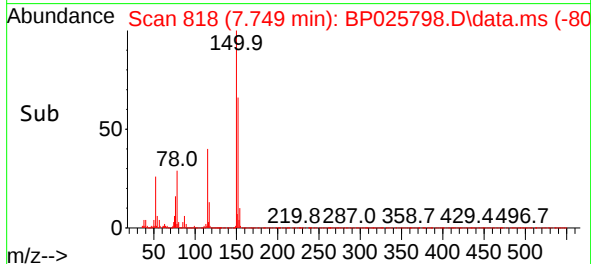
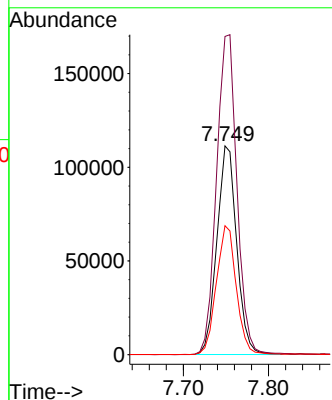
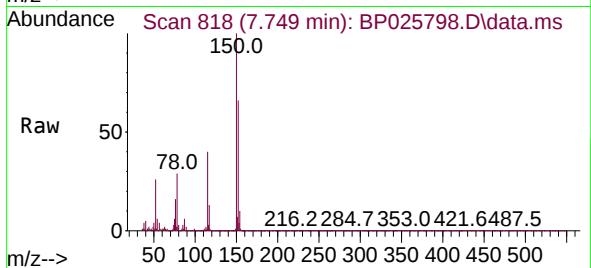




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.749 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP025798.D
 Acq: 19 Sep 2025 14:24

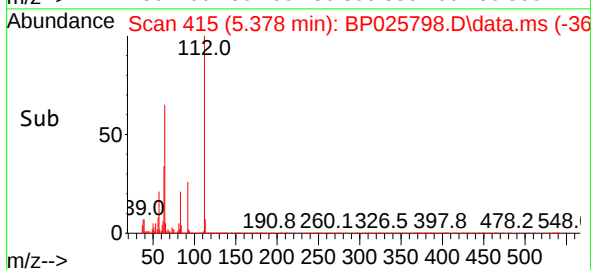
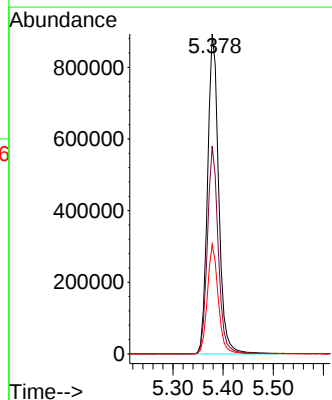
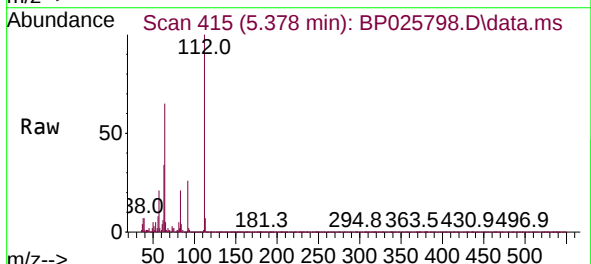
Instrument :
 BNA_P
 ClientSampleId :
 7211986-357

Tgt Ion:152 Resp: 180165
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.3 186.5
 115 61.7 50.3 75.5



#5
 2-Fluorophenol
 Concen: 123.407 ng
 RT: 5.378 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: BP025798.D
 Acq: 19 Sep 2025 14:24

Tgt Ion:112 Resp: 1377933
 Ion Ratio Lower Upper
 112 100
 64 64.9 50.2 75.4
 63 34.3 26.7 40.1



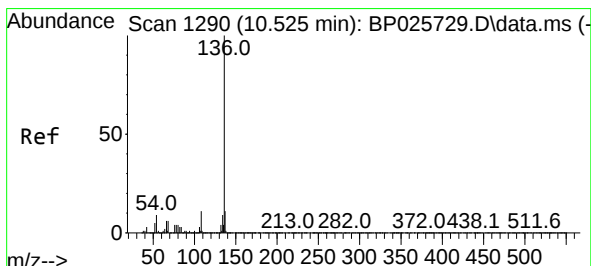
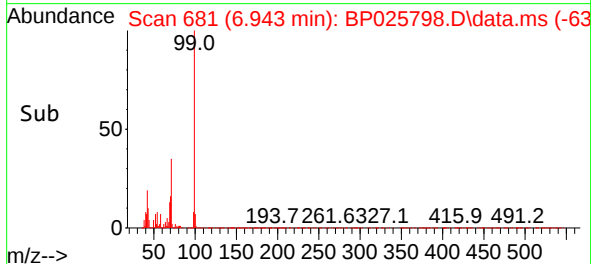
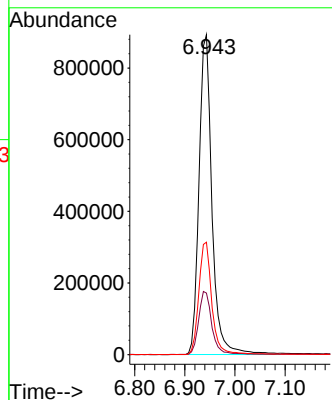
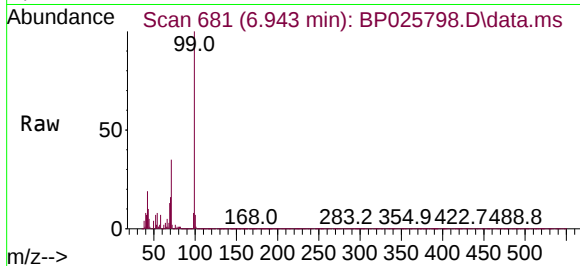


#7
Phenol-d6
Concen: 108.071 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
7211986-357

Tgt Ion: 99 Resp: 1603915

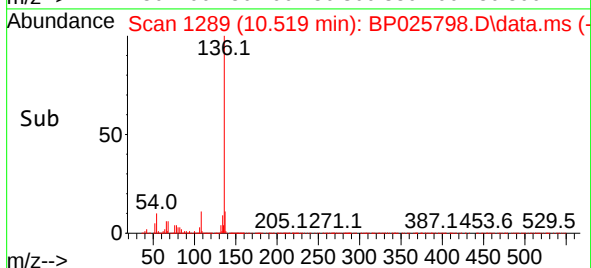
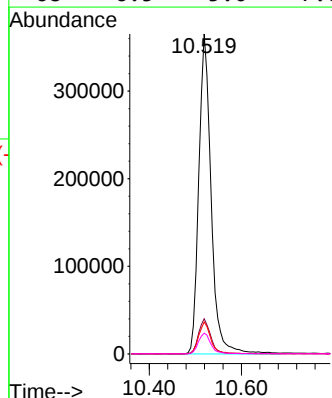
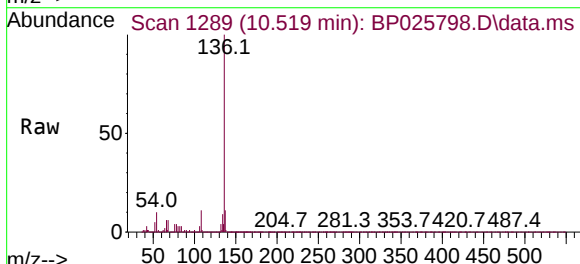
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.6	23.4
71	35.1	28.6	43.0

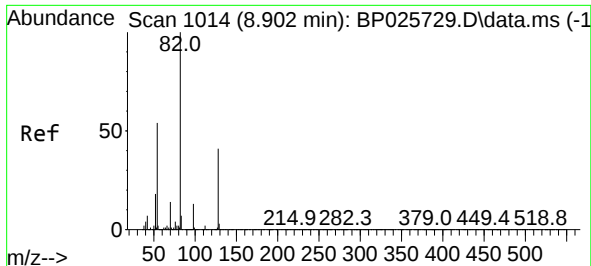


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

Tgt Ion:136 Resp: 676804

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.0	7.5	11.3
68	6.5	5.0	7.6

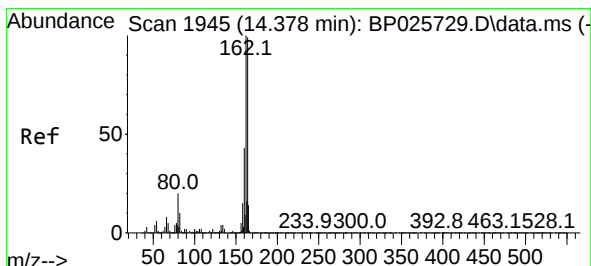
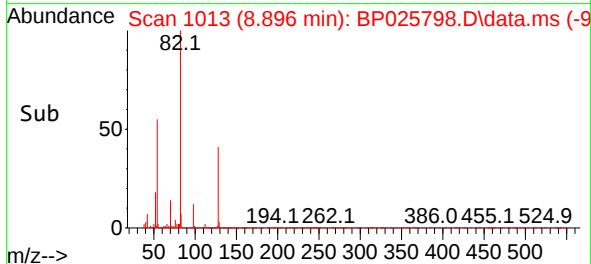
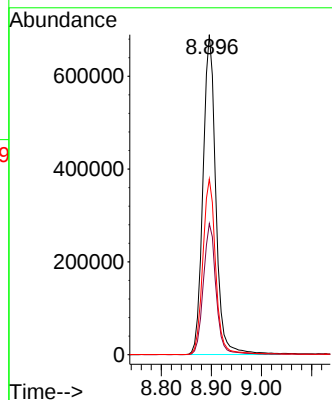
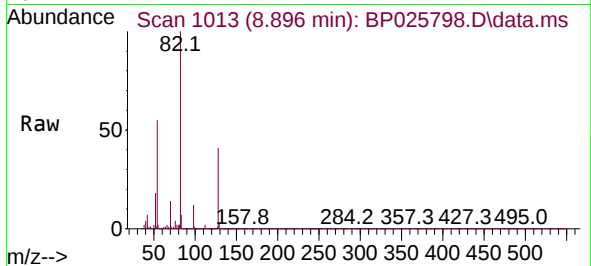




#23
Nitrobenzene-d5
Concen: 79.938 ng
RT: 8.896 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

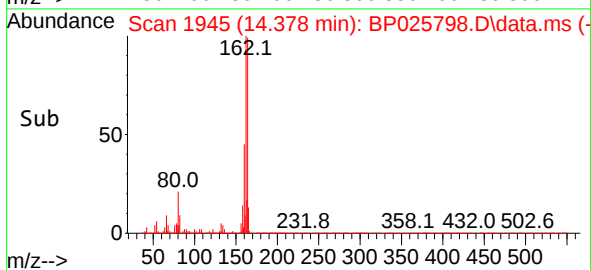
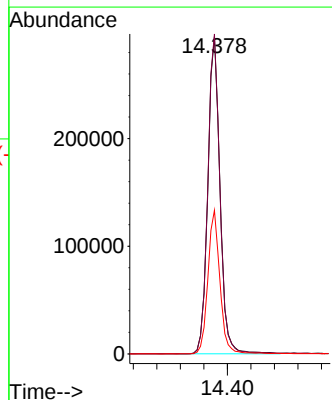
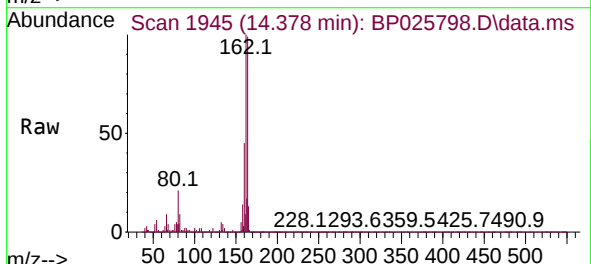
Instrument :
BNA_P
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7211986-357

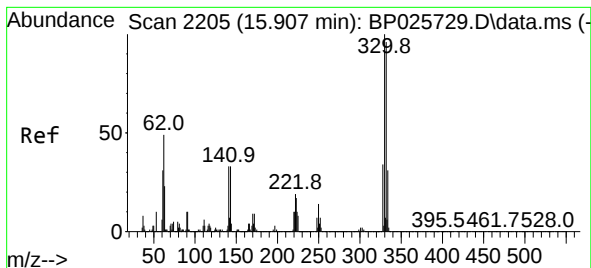
Tgt Ion: 82 Resp: 1226504
Ion Ratio Lower Upper
82 100
128 40.9 32.9 49.3
54 54.9 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

Tgt Ion:164 Resp: 425122
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 45.3 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 130.422 ng

RT: 15.890 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025798.D

Acq: 19 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

7211986-357

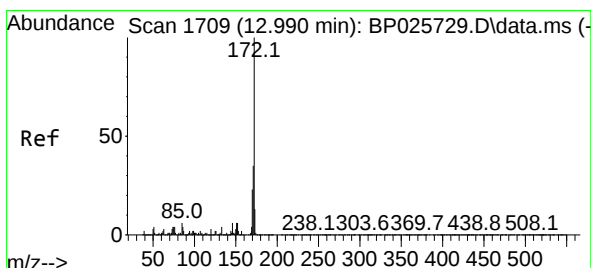
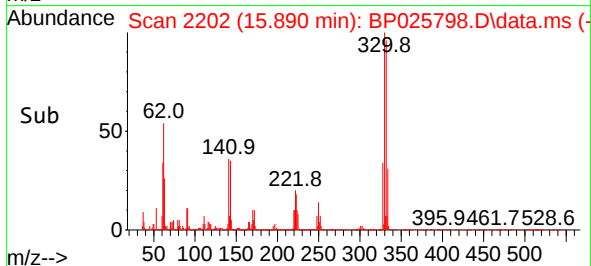
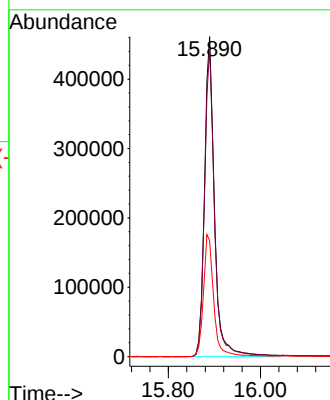
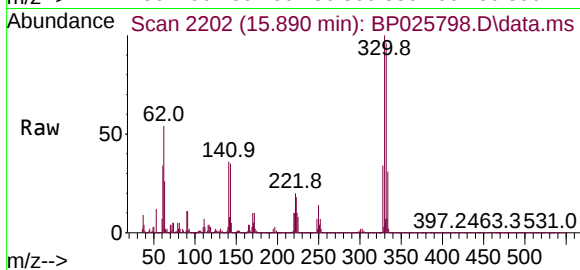
Tgt Ion:330 Resp: 691567

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

141 39.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 79.060 ng

RT: 12.984 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BP025798.D

Acq: 19 Sep 2025 14:24

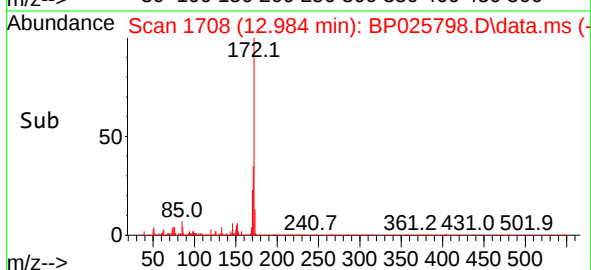
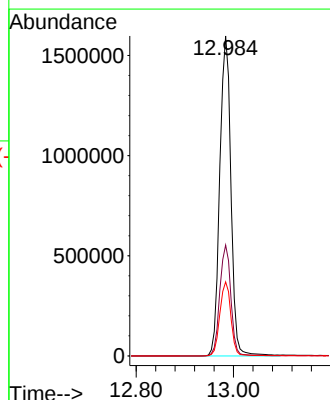
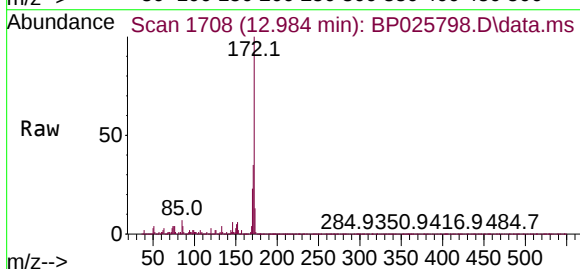
Tgt Ion:172 Resp: 2524221

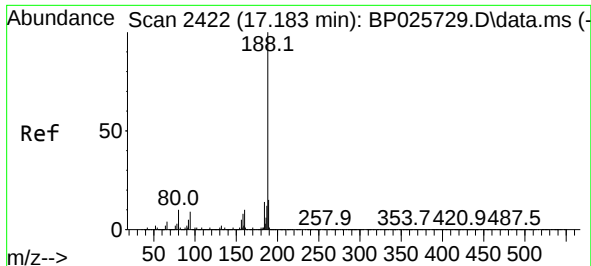
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 23.1 18.6 27.8

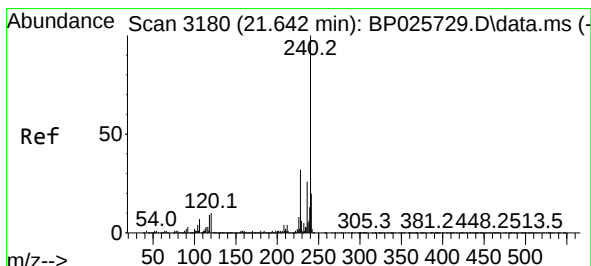
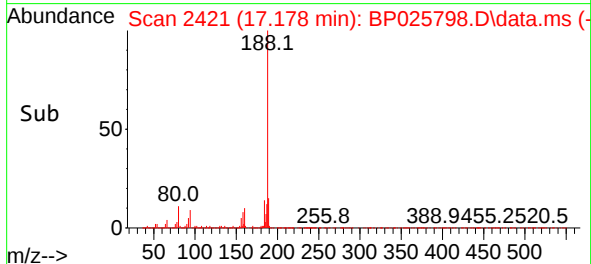
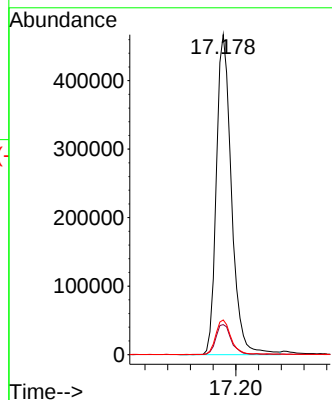
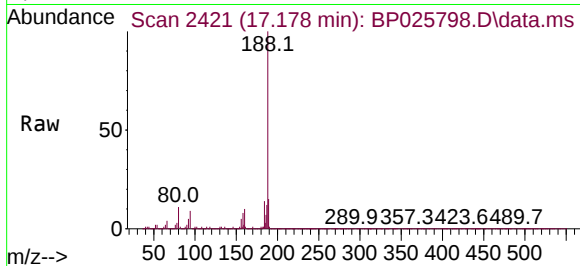




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

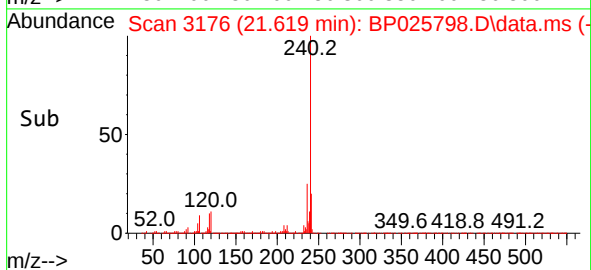
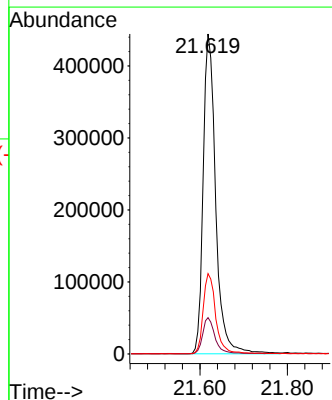
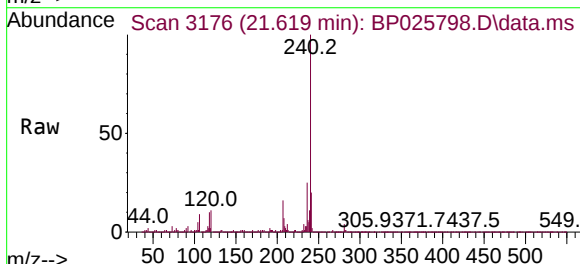
Instrument :
BNA_P
ClientSampleId :
7211986-357

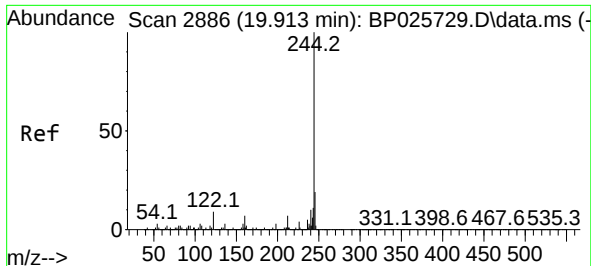
Tgt Ion:188 Resp: 864253
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.619 min Scan# 3176
Delta R.T. -0.023 min
Lab File: BP025798.D
Acq: 19 Sep 2025 14:24

Tgt Ion:240 Resp: 878802
Ion Ratio Lower Upper
240 100
120 11.3 8.0 12.0
236 25.1 20.7 31.1

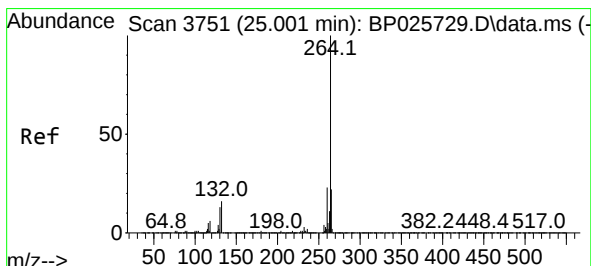
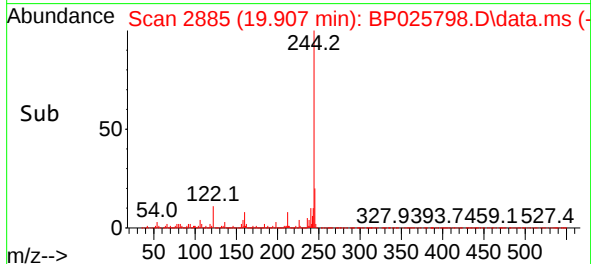
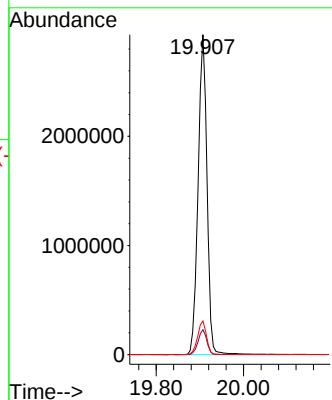
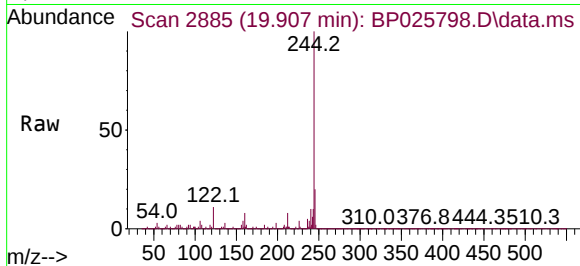




#79
 Terphenyl-d14
 Concen: 84.486 ng
 RT: 19.907 min Scan# 2885
 Delta R.T. -0.006 min
 Lab File: BP025798.D
 Acq: 19 Sep 2025 14:24

Instrument :
 BNA_P
 ClientSampleId :
 7211986-357

Tgt Ion:244 Resp: 4127121
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 10.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.977 min Scan# 3747
 Delta R.T. -0.023 min
 Lab File: BP025798.D
 Acq: 19 Sep 2025 14:24

Tgt Ion:264 Resp: 889317
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 22.0 17.3 25.9

