

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093025\
 Data File : BP025898.D
 Acq On : 30 Sep 2025 19:33
 Operator : CG/JU
 Sample : Q3231-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-4

Quant Time: Oct 01 01:55:18 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)

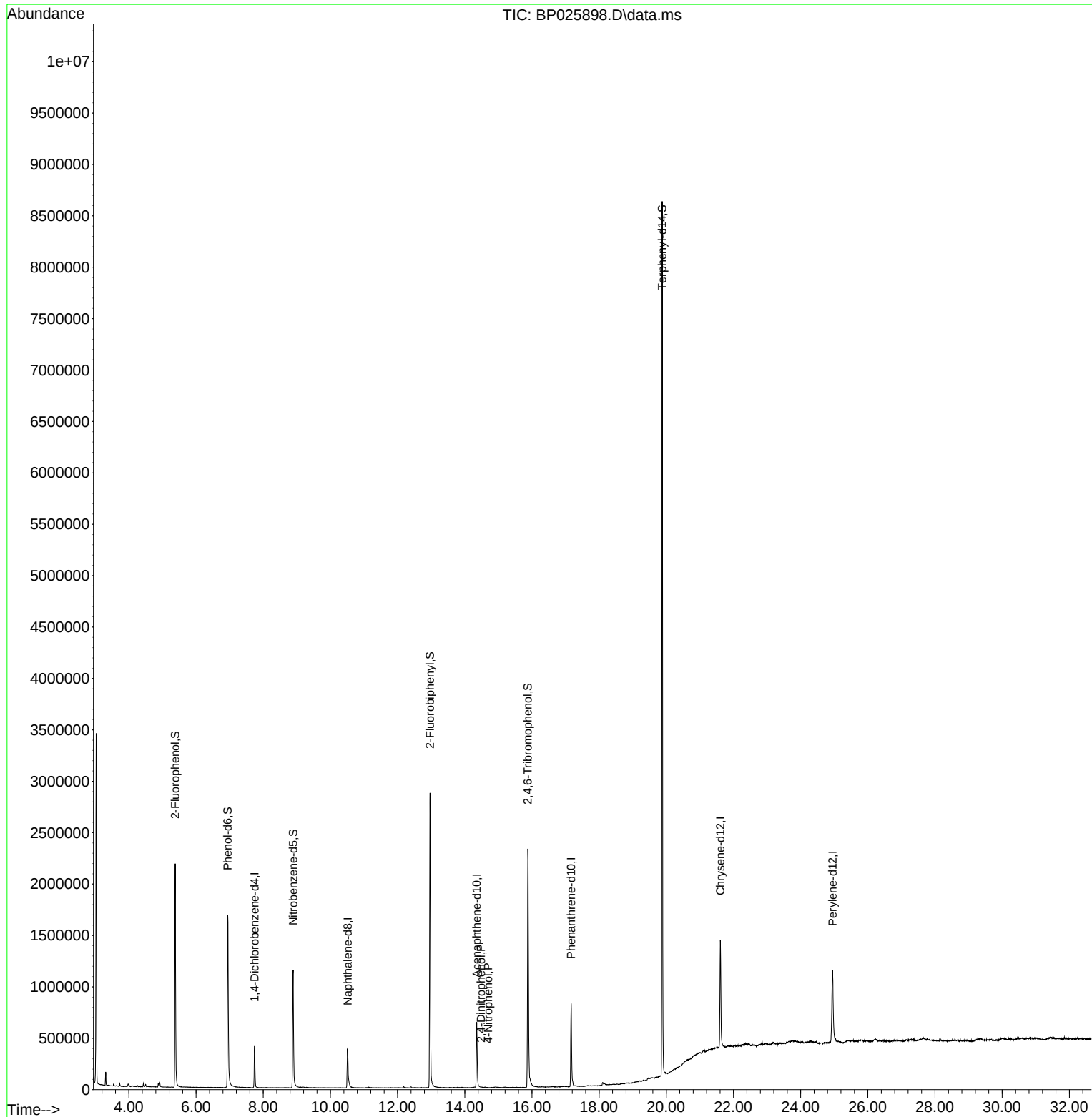
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	113981	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	426957	20.000	ng	-0.01
39) Acenaphthene-d10	14.354	164	289205	20.000	ng	-0.02
64) Phenanthrene-d10	17.166	188	646860	20.000	ng	-0.02
76) Chrysene-d12	21.607	240	786309	20.000	ng	-0.04
86) Perylene-d12	24.948	264	852916	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1010876	143.103	ng	0.00
7) Phenol-d6	6.943	99	1244662	132.561	ng	0.00
23) Nitrobenzene-d5	8.890	82	798632	82.510	ng	-0.01
42) 2,4,6-Tribromophenol	15.878	330	680712	188.706	ng	-0.03
45) 2-Fluorobiphenyl	12.966	172	1881000	86.602	ng	-0.02
79) Terphenyl-d14	19.878	244	4252939	97.302	ng	-0.04
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.484	184	28	4.833	ng	88
56) 4-Nitrophenol	14.695	139	19	4.486	ng	91

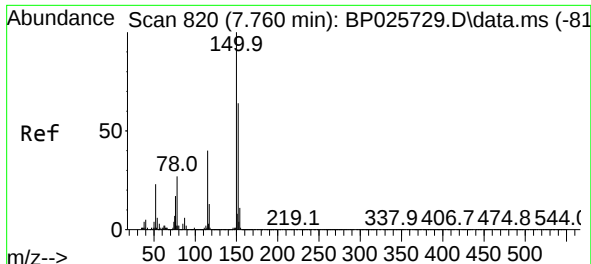
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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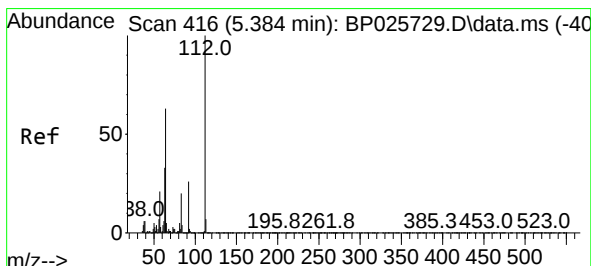
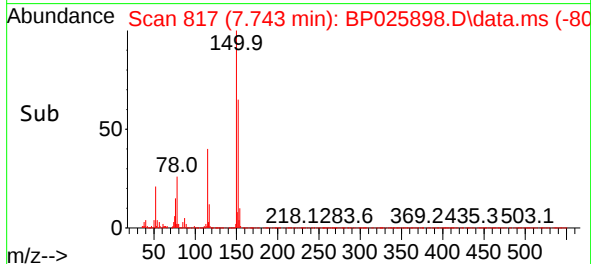
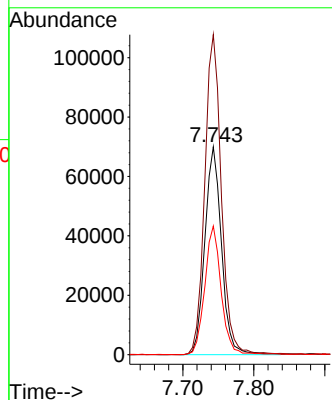
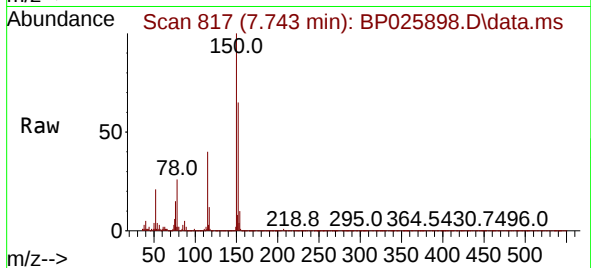




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025898.D
Acq: 30 Sep 2025 19:33

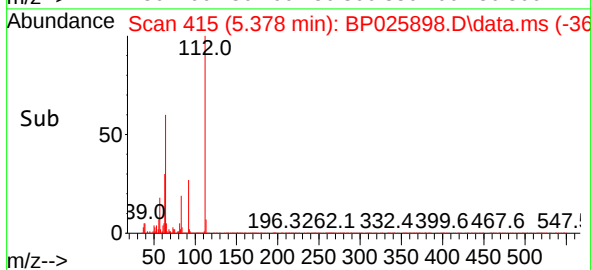
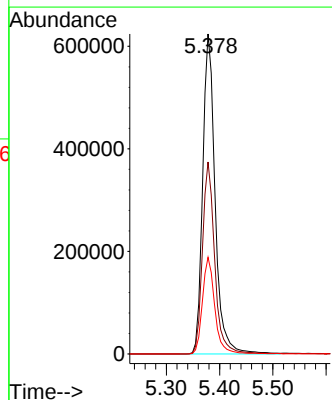
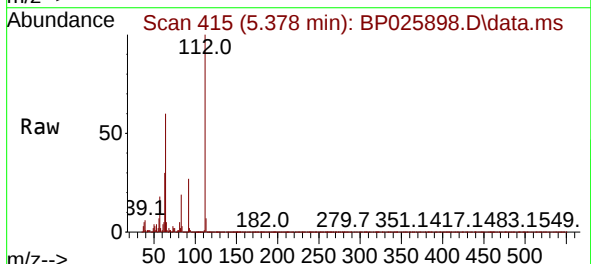
Instrument :
BNA_P
ClientSampleId :
WC-4

Tgt Ion:152 Resp: 113981
Ion Ratio Lower Upper
152 100
150 153.9 124.3 186.5
115 61.9 50.3 75.5



#5
2-Fluorophenol
Concen: 143.103 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025898.D
Acq: 30 Sep 2025 19:33

Tgt Ion:112 Resp: 1010876
Ion Ratio Lower Upper
112 100
64 60.0 50.2 75.4
63 30.2 26.7 40.1

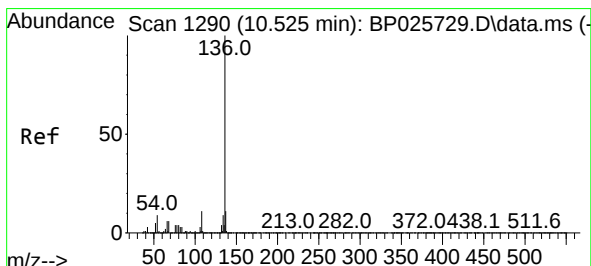
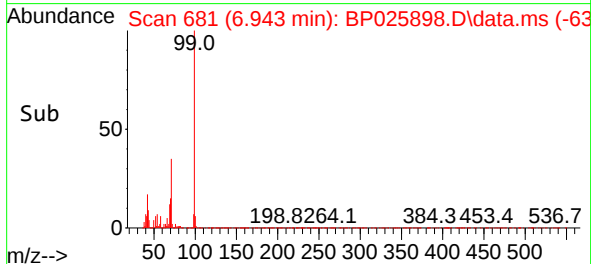
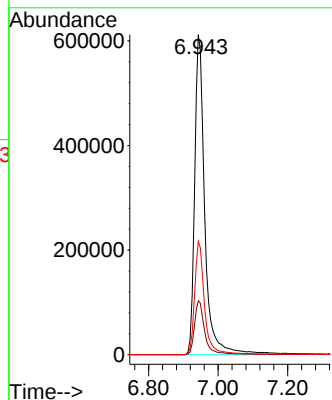
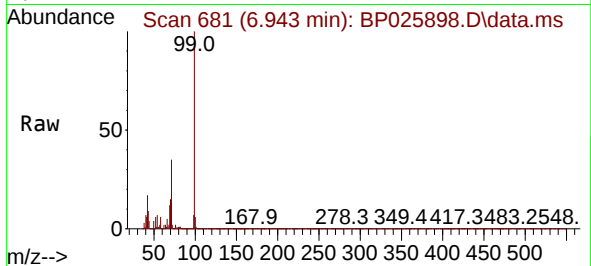




#7
Phenol-d6
Concen: 132.561 ng
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025898.D
Acq: 30 Sep 2025 19:33

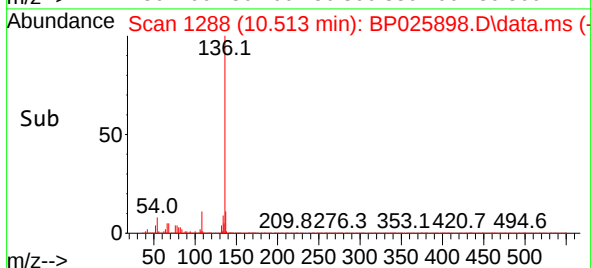
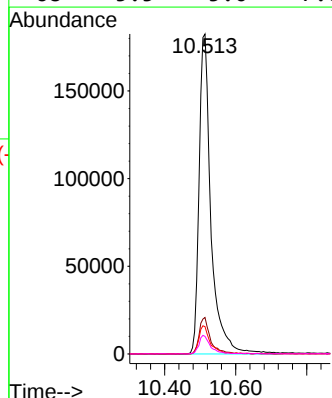
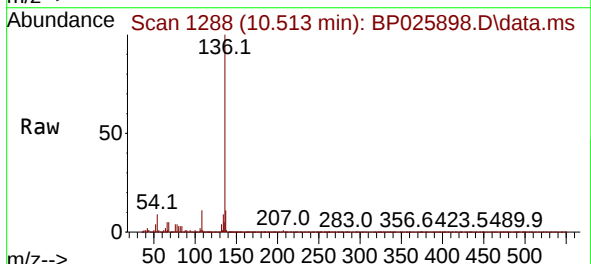
Instrument :
BNA_P
ClientSampleId :
WC-4

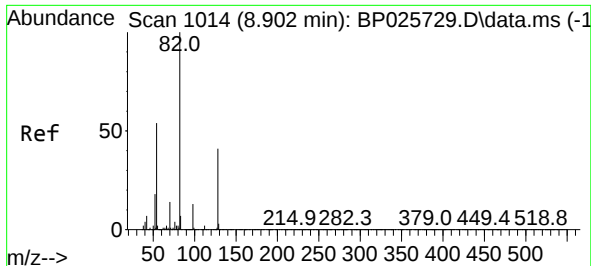
Tgt Ion: 99 Resp: 1244662
Ion Ratio Lower Upper
99 100
42 16.8 15.6 23.4
71 35.4 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.513 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BP025898.D
Acq: 30 Sep 2025 19:33

Tgt Ion:136 Resp: 426957
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 8.6 7.5 11.3
68 5.5 5.0 7.6

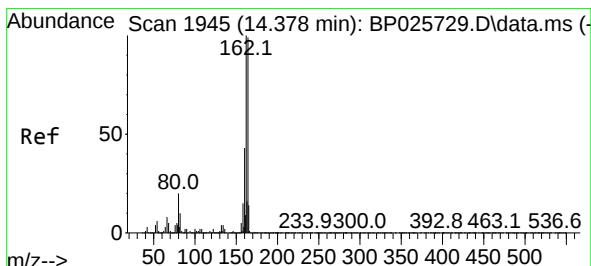
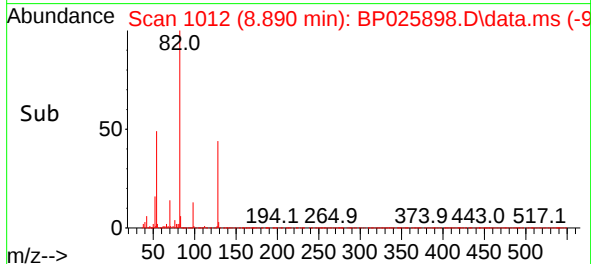
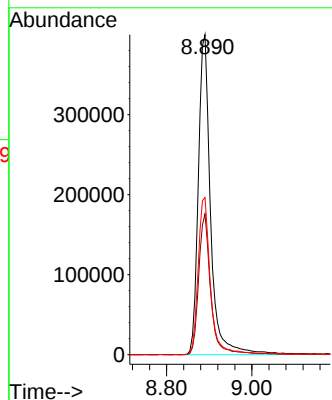
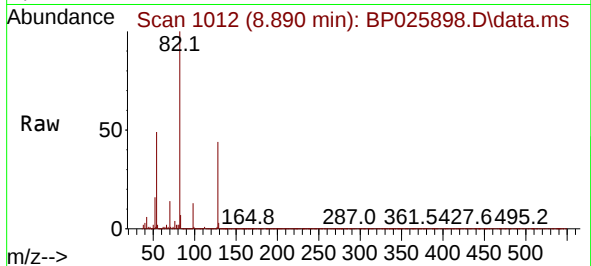




#23
Nitrobenzene-d5
Concen: 82.510 ng
RT: 8.890 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP025898.D
Acq: 30 Sep 2025 19:33

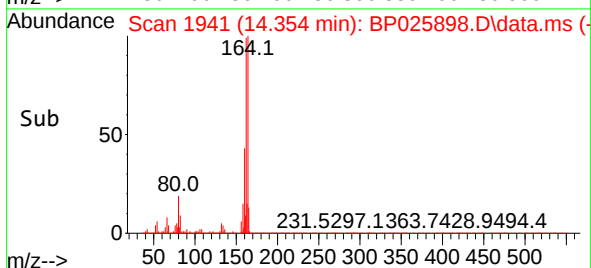
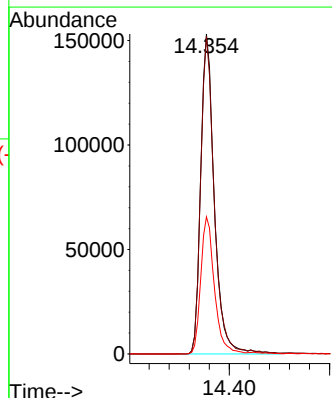
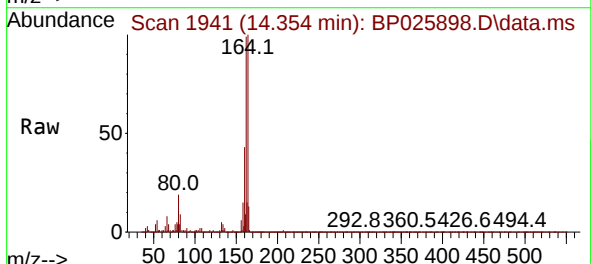
Instrument :
BNA_P
ClientSampleId :
WC-4

Tgt Ion: 82 Resp: 798632
Ion Ratio Lower Upper
82 100
128 44.0 32.9 49.3
54 49.1 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.023 min
Lab File: BP025898.D
Acq: 30 Sep 2025 19:33

Tgt Ion: 164 Resp: 289205
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 42.9 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 188.706 ng

RT: 15.878 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP025898.D

Acq: 30 Sep 2025 19:33

Instrument :

BNA_P

ClientSampleId :

WC-4

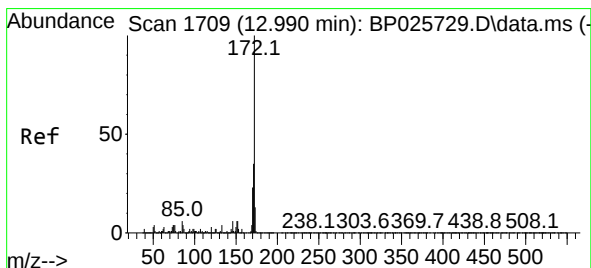
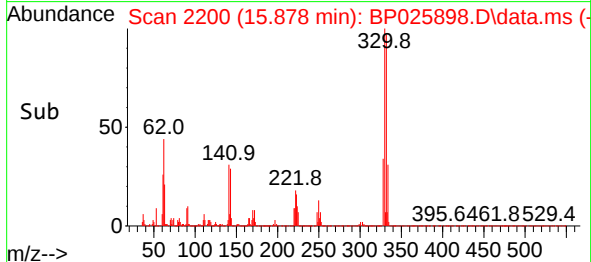
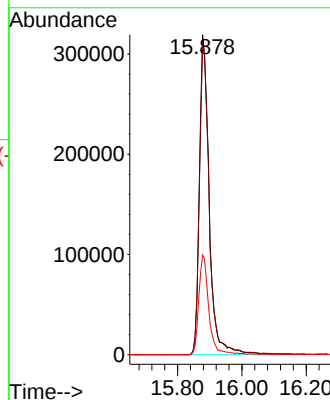
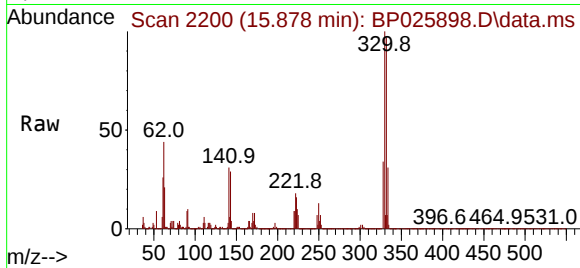
Tgt Ion:330 Resp: 680712

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

141 31.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 86.602 ng

RT: 12.966 min Scan# 1705

Delta R.T. -0.023 min

Lab File: BP025898.D

Acq: 30 Sep 2025 19:33

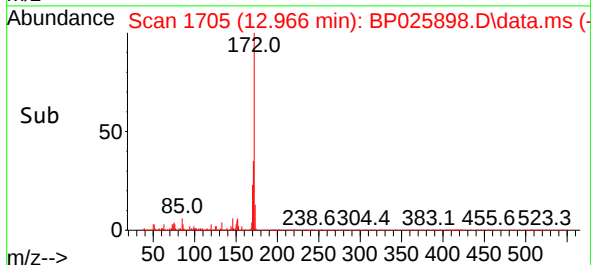
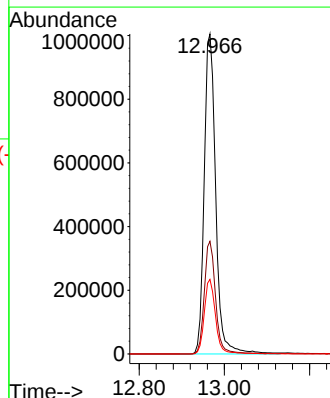
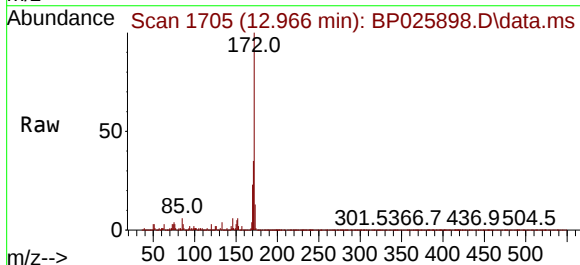
Tgt Ion:172 Resp: 1881000

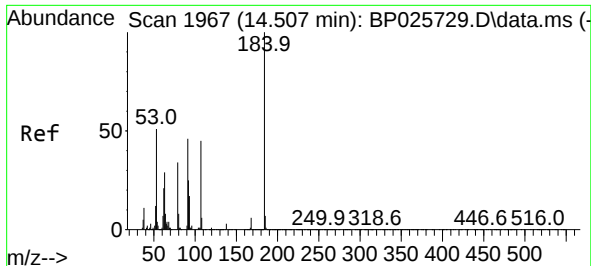
Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.6

170 23.3 18.6 27.8

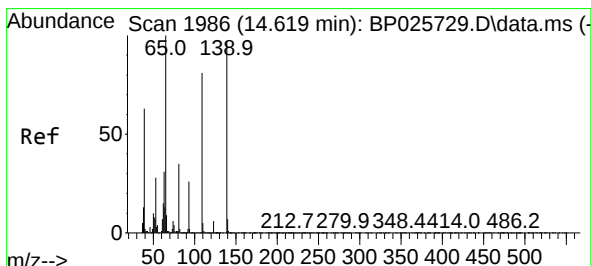
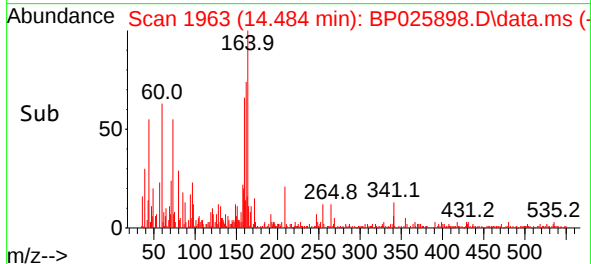
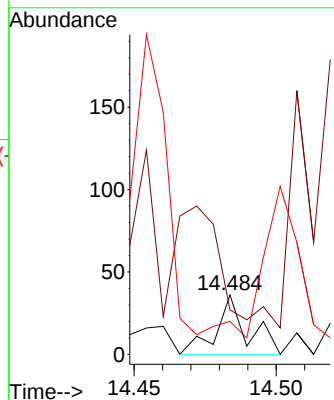
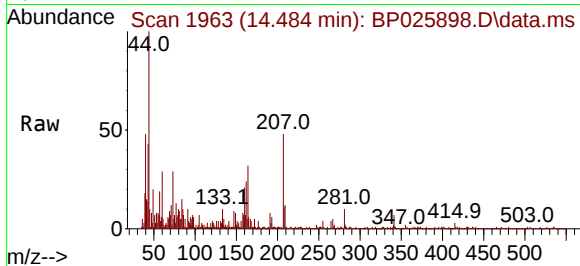




#54
2,4-Dinitrophenol
Concen: 4.833 ng
RT: 14.484 min Scan# 1999
Delta R.T. -0.023 min
Lab File: BP025898.D
Acq: 30 Sep 2025 19:33

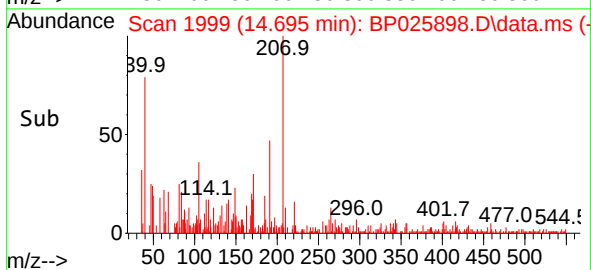
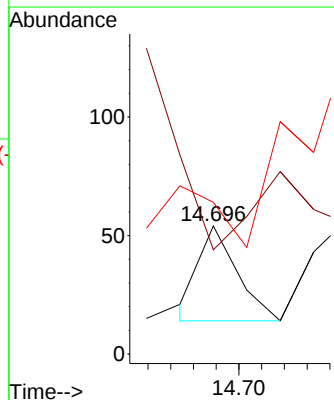
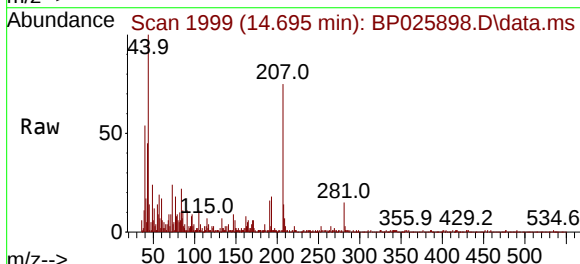
Instrument :
BNA_P
ClientSampleId :
WC-4

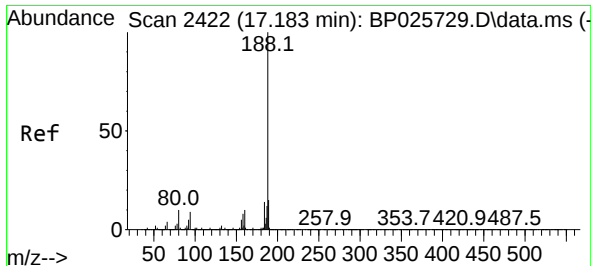
Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 75.0 52.5 78.7
154 55.6 51.5 77.3



#56
4-Nitrophenol
Concen: 4.486 ng
RT: 14.695 min Scan# 1999
Delta R.T. 0.076 min
Lab File: BP025898.D
Acq: 30 Sep 2025 19:33

Tgt Ion:139 Resp: 19
Ion Ratio Lower Upper
139 100
109 81.5 62.9 102.9
65 118.5 83.4 123.4

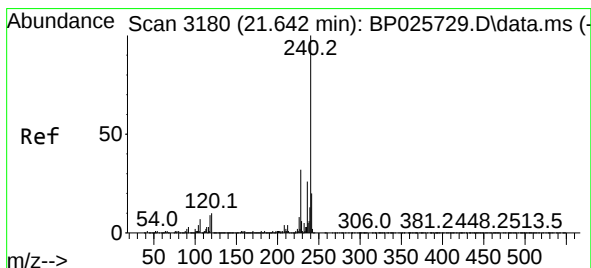
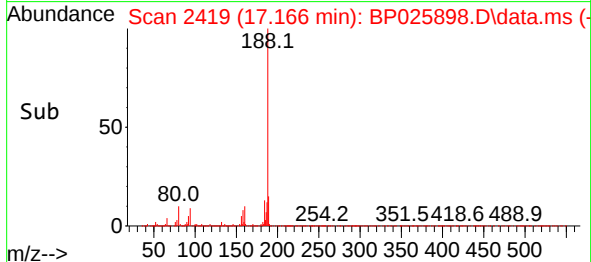
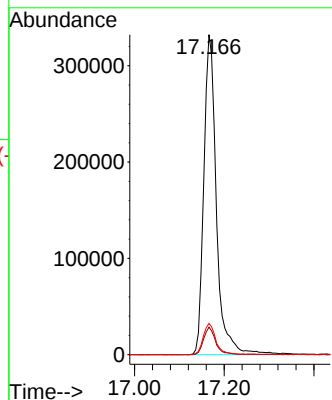
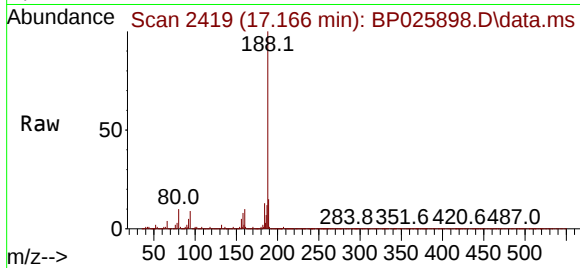




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.166 min Scan# 2422
Delta R.T. -0.018 min
Lab File: BP025898.D
Acq: 30 Sep 2025 19:33

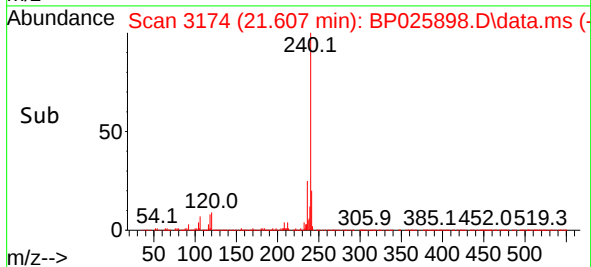
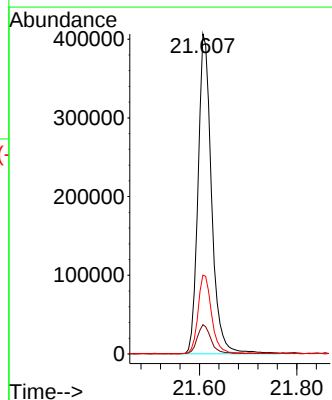
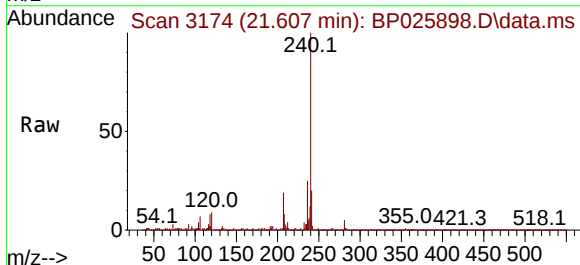
Instrument :
BNA_P
ClientSampleId :
WC-4

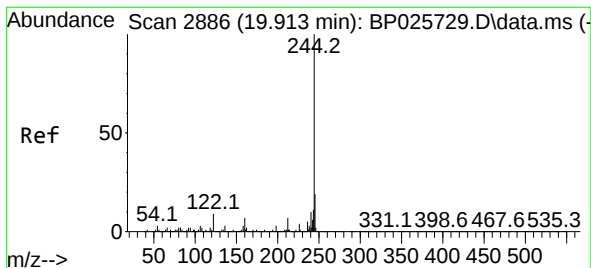
Tgt Ion:188 Resp: 646860
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 9.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.035 min
Lab File: BP025898.D
Acq: 30 Sep 2025 19:33

Tgt Ion:240 Resp: 786309
Ion Ratio Lower Upper
240 100
120 9.1 8.0 12.0
236 24.6 20.7 31.1





#79

Terphenyl-d14

Concen: 97.302 ng

RT: 19.878 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP025898.D

Acq: 30 Sep 2025 19:33

Instrument :

BNA_P

ClientSampleId :

WC-4

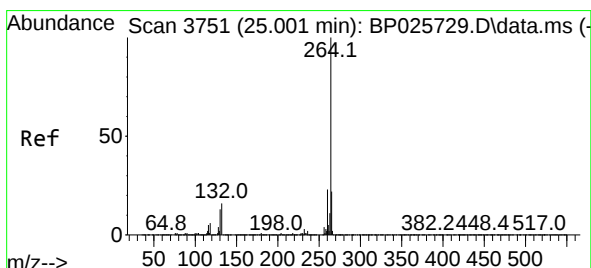
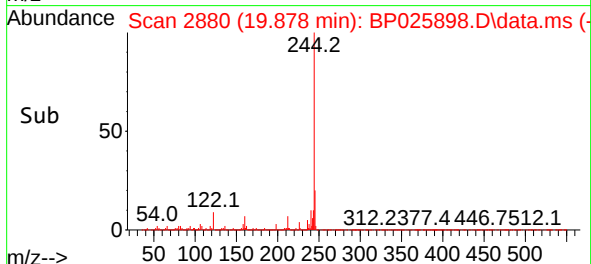
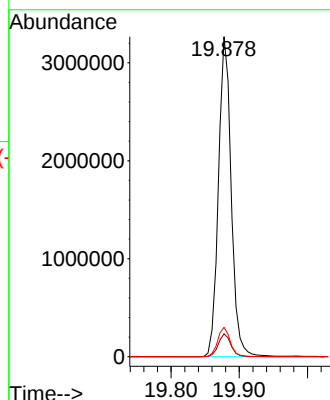
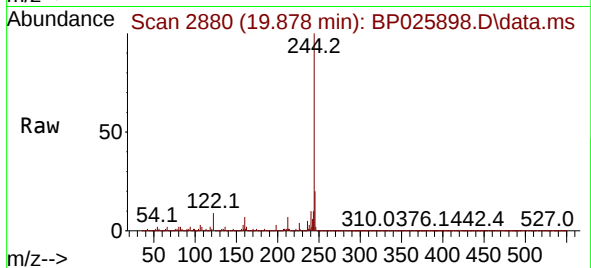
Tgt Ion:244 Resp: 4252939

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 9.2 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.948 min Scan# 3742

Delta R.T. -0.053 min

Lab File: BP025898.D

Acq: 30 Sep 2025 19:33

Tgt Ion:264 Resp: 852916

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 22.2 17.3 25.9

