

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025735.D
 Acq On : 11 Sep 2025 17:35
 Operator : CG/JU
 Sample : PB169633BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 11 18:09:19 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)

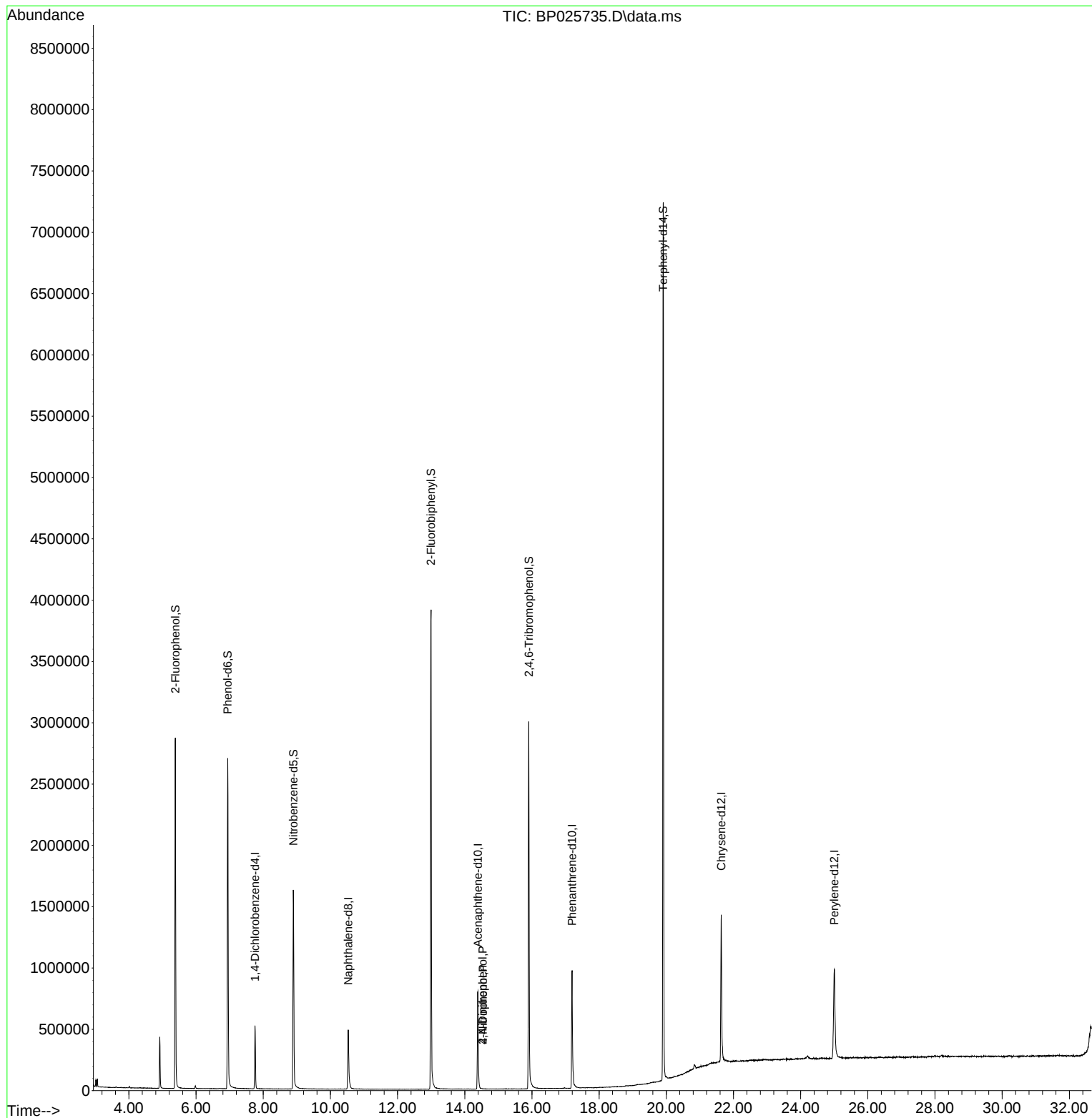
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	135092	20.000	ng	0.00
21) Naphthalene-d8	10.531	136	522059	20.000	ng	0.00
39) Acenaphthene-d10	14.390	164	349700	20.000	ng	0.01
64) Phenanthrene-d10	17.195	188	757089	20.000	ng	0.01
76) Chrysene-d12	21.636	240	844825	20.000	ng	0.00
86) Perylene-d12	25.001	264	883945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1245987	148.822	ng	0.00
7) Phenol-d6	6.943	99	1584652	142.397	ng	0.00
23) Nitrobenzene-d5	8.896	82	1064546	89.948	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	627192	143.792	ng	0.00
45) 2-Fluorobiphenyl	12.996	172	2314429	88.123	ng	0.00
79) Terphenyl-d14	19.907	244	4062327	86.504	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.531	184	12	4.827	ng	# 65
56) 4-Nitrophenol	14.537	139	24	4.487	ng	87

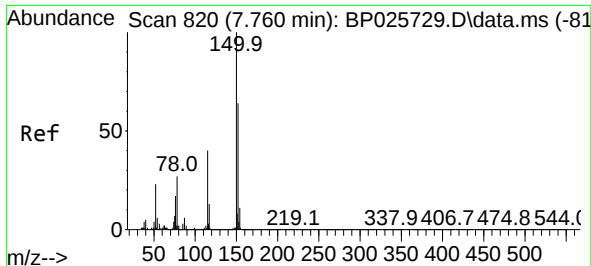
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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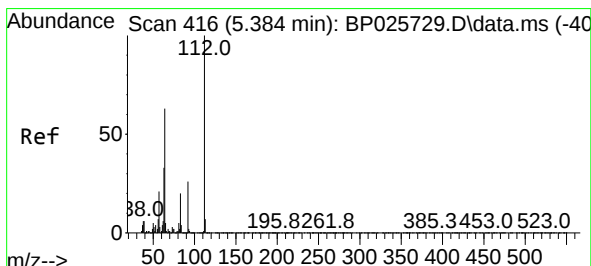
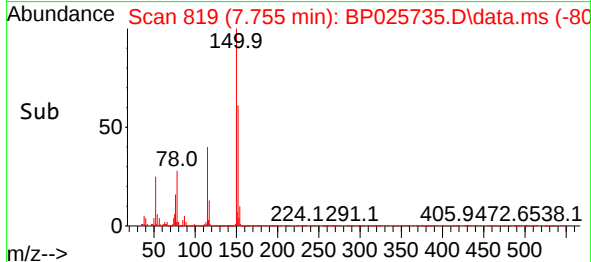
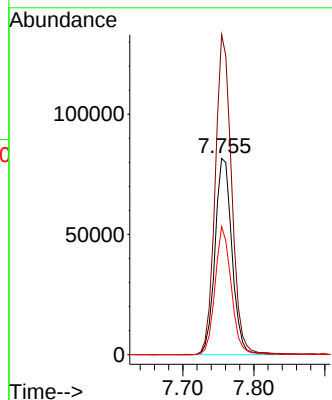
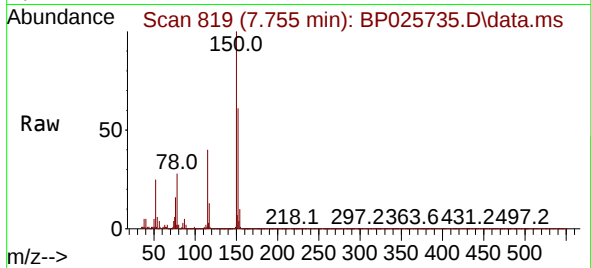




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.755 min Scan# 819
 Delta R.T. -0.005 min
 Lab File: BP025735.D
 Acq: 11 Sep 2025 17:35

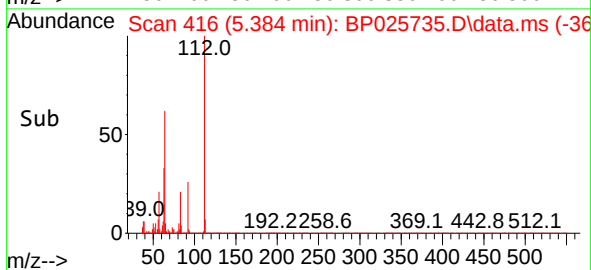
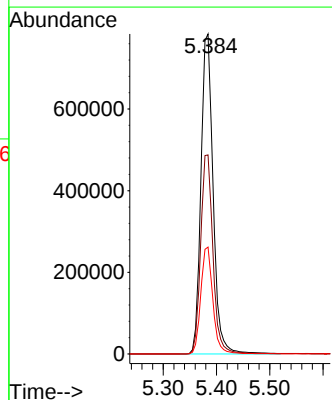
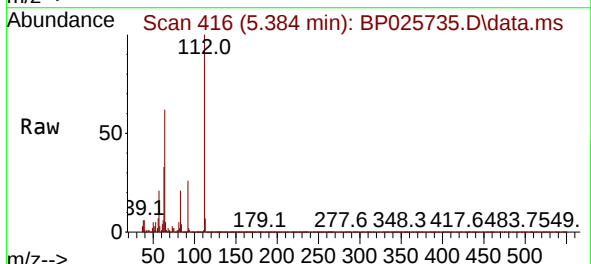
Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:152 Resp: 135092
 Ion Ratio Lower Upper
 152 100
 150 163.0 124.3 186.5
 115 65.2 50.3 75.5



#5
 2-Fluorophenol
 Concen: 148.822 ng
 RT: 5.384 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: BP025735.D
 Acq: 11 Sep 2025 17:35

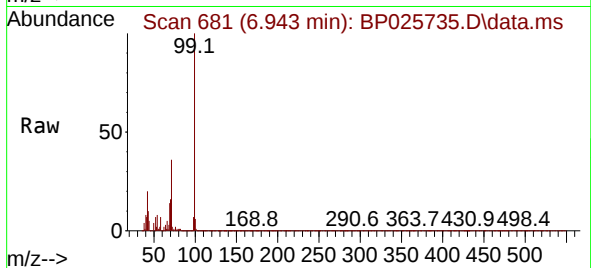
Tgt Ion:112 Resp: 1245987
 Ion Ratio Lower Upper
 112 100
 64 62.2 50.2 75.4
 63 33.4 26.7 40.1



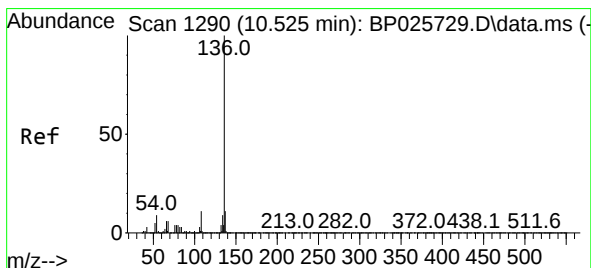
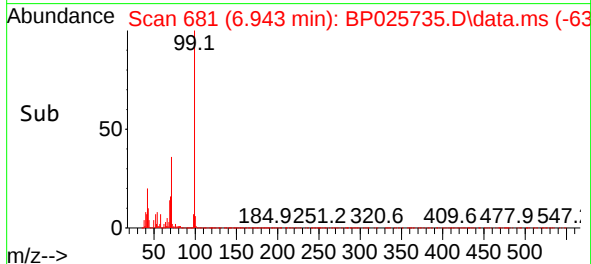
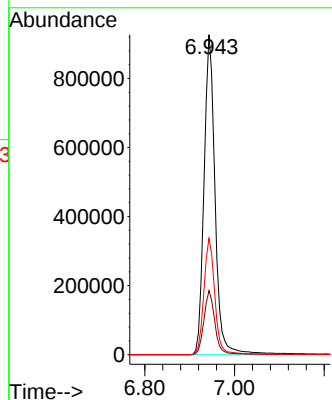


#7
Phenol-d6
Concen: 142.397 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025735.D
Acq: 11 Sep 2025 17:35

Instrument :
BNA_P
ClientSampleId :

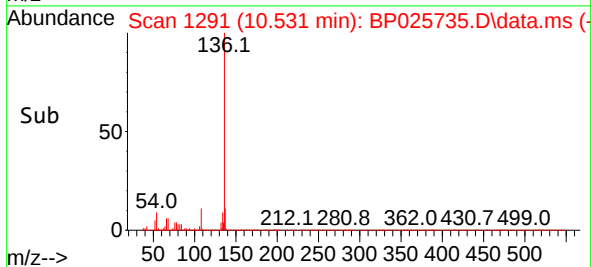
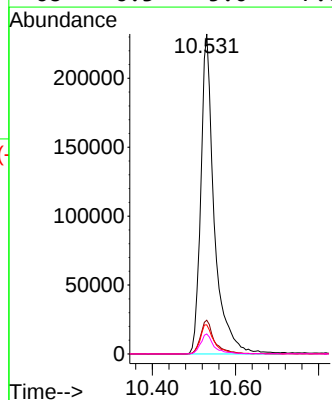
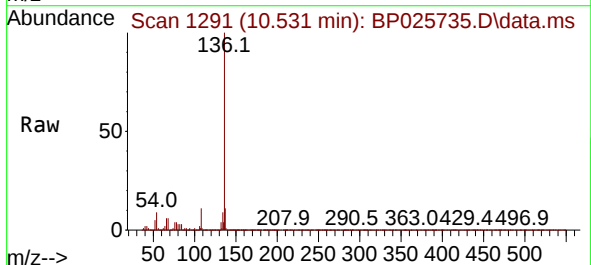


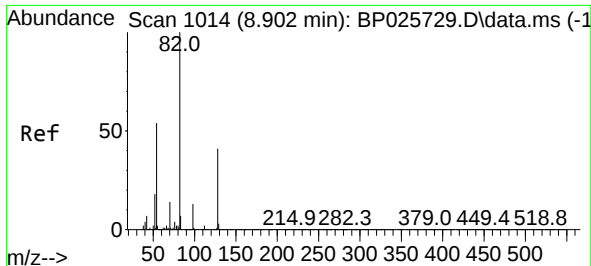
Tgt Ion: 99 Resp: 1584652
Ion Ratio Lower Upper
99 100
42 20.0 15.6 23.4
71 36.3 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.531 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BP025735.D
Acq: 11 Sep 2025 17:35

Tgt Ion:136 Resp: 522059
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.1 7.5 11.3
68 6.3 5.0 7.6

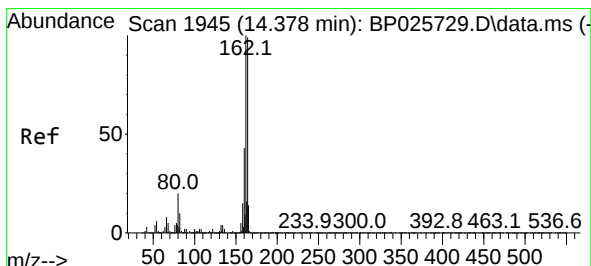
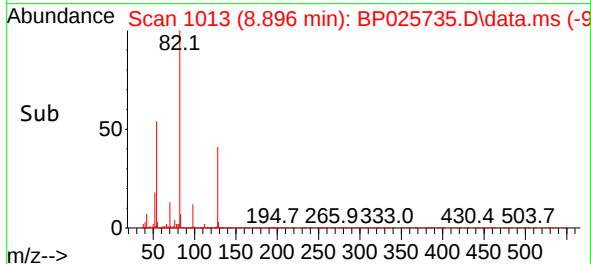
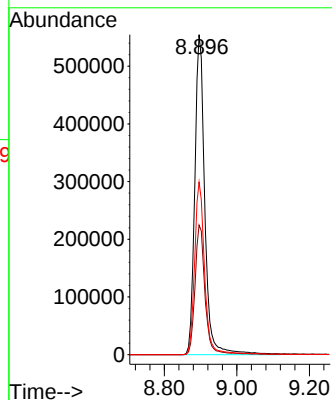
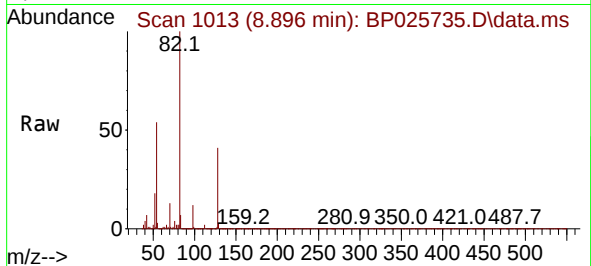




#23
Nitrobenzene-d5
Concen: 89.948 ng
RT: 8.896 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP025735.D
Acq: 11 Sep 2025 17:35

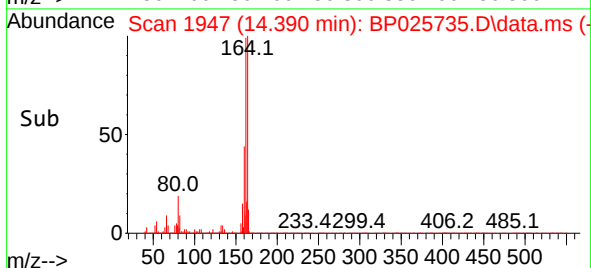
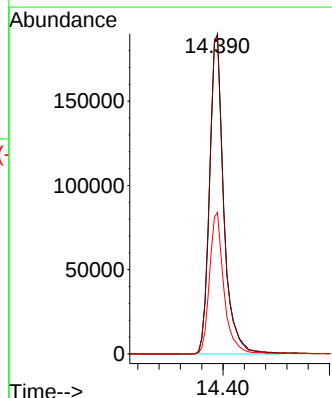
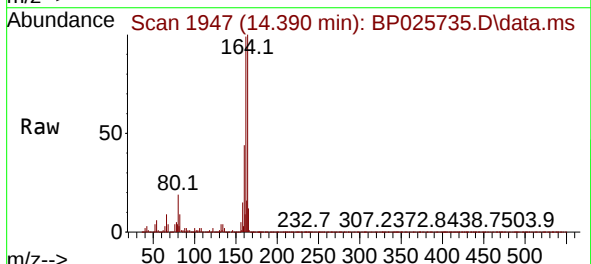
Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1064546
Ion Ratio Lower Upper
82 100
128 40.5 32.9 49.3
54 53.9 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1947
Delta R.T. 0.012 min
Lab File: BP025735.D
Acq: 11 Sep 2025 17:35

Tgt Ion:164 Resp: 349700
Ion Ratio Lower Upper
164 100
162 99.2 80.6 120.8
160 44.3 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 143.792 ng

RT: 15.907 min Scan# 21

Delta R.T. 0.000 min

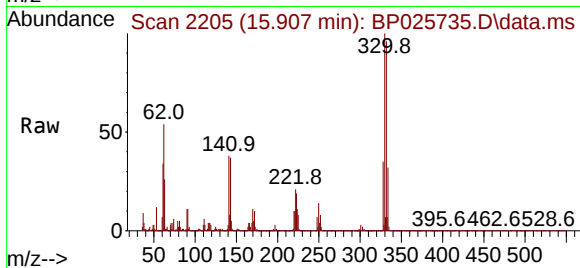
Lab File: BP025735.D

Acq: 11 Sep 2025 17:35

Instrument :

BNA_P

ClientSampleId :



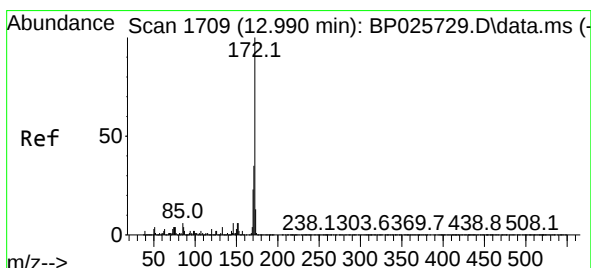
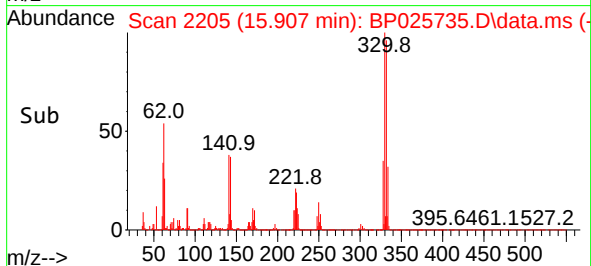
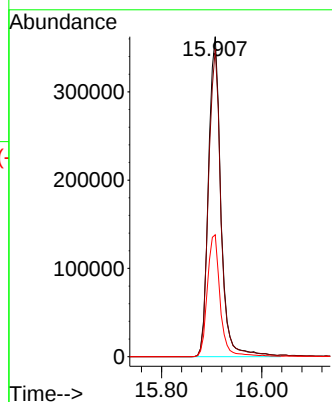
Tgt Ion:330 Resp: 627192

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

141 39.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 88.123 ng

RT: 12.996 min Scan# 1710

Delta R.T. 0.006 min

Lab File: BP025735.D

Acq: 11 Sep 2025 17:35

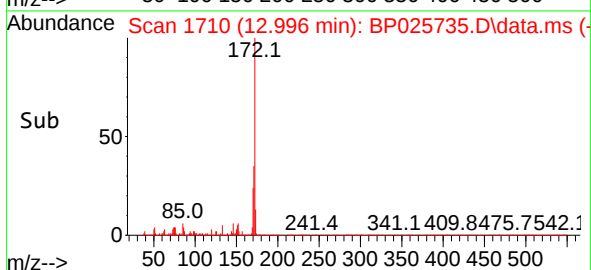
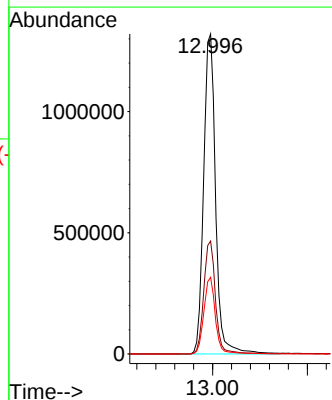
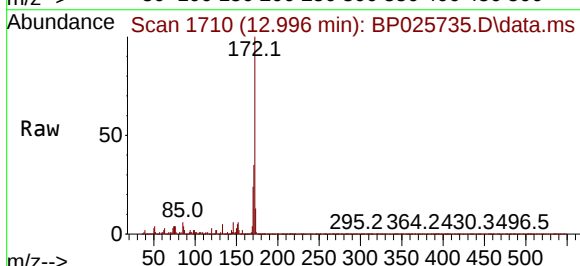
Tgt Ion:172 Resp: 2314429

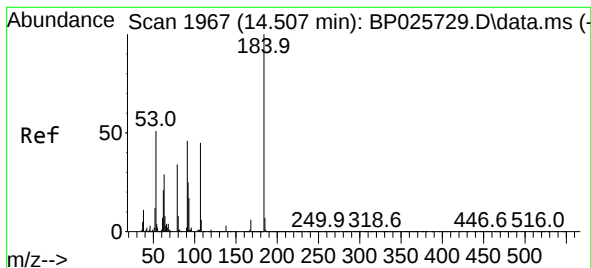
Ion Ratio Lower Upper

172 100

171 35.3 27.8 41.6

170 23.9 18.6 27.8

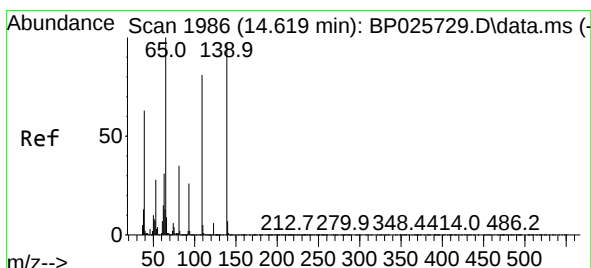
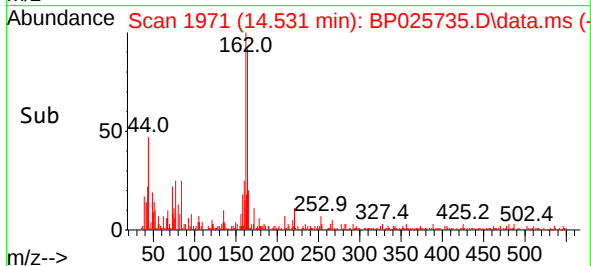
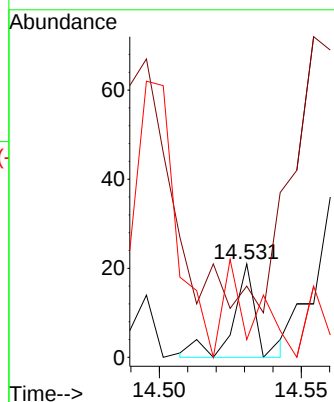
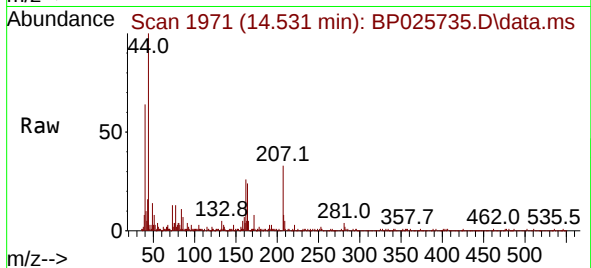




#54
2,4-Dinitrophenol
Concen: 4.827 ng
RT: 14.531 min Scan# 1967
Delta R.T. 0.024 min
Lab File: BP025735.D
Acq: 11 Sep 2025 17:35

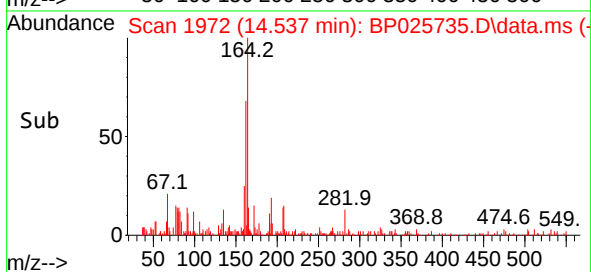
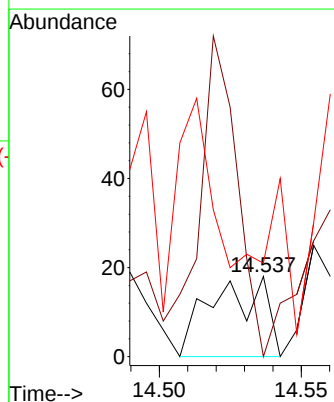
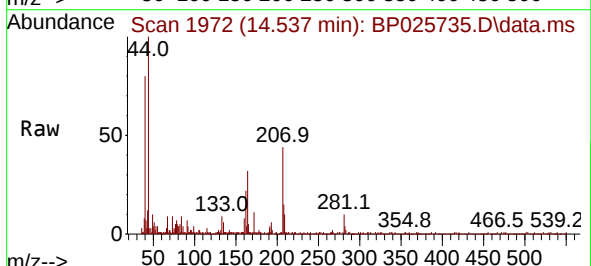
Instrument :
BNA_P
ClientSampleId :

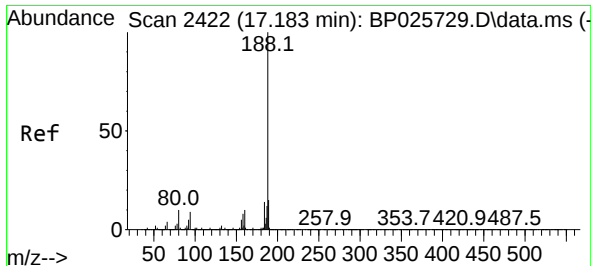
Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 76.2 52.5 78.7
154 19.0 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.487 ng
RT: 14.537 min Scan# 1972
Delta R.T. -0.082 min
Lab File: BP025735.D
Acq: 11 Sep 2025 17:35

Tgt Ion:139 Resp: 24
Ion Ratio Lower Upper
139 100
109 72.2 62.9 102.9
65 116.7 83.4 123.4

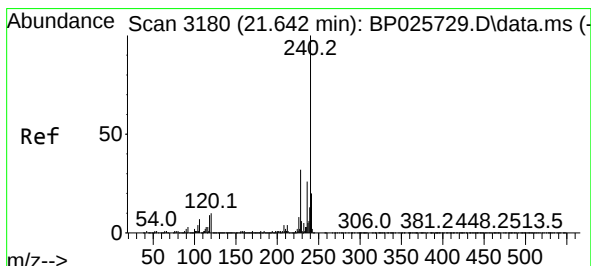
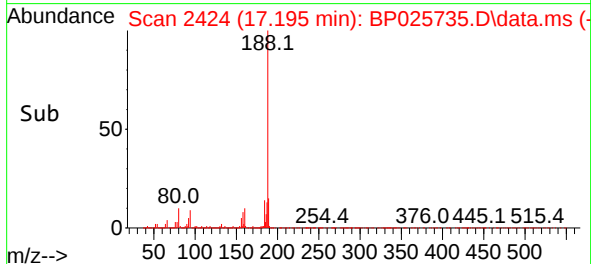
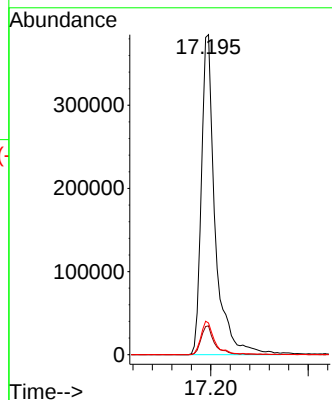
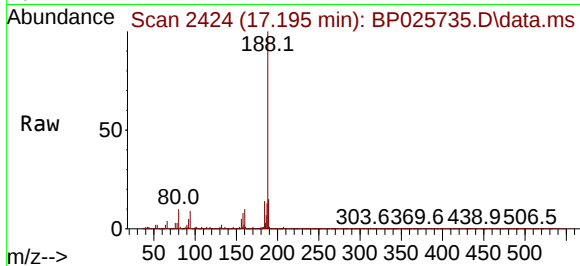




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2422
Delta R.T. 0.012 min
Lab File: BP025735.D
Acq: 11 Sep 2025 17:35

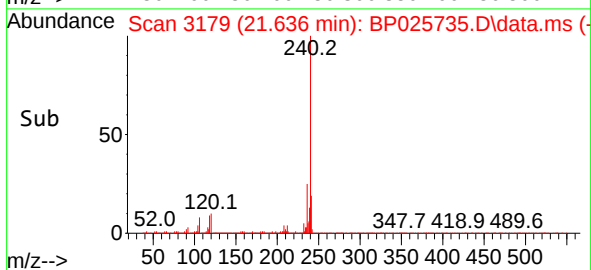
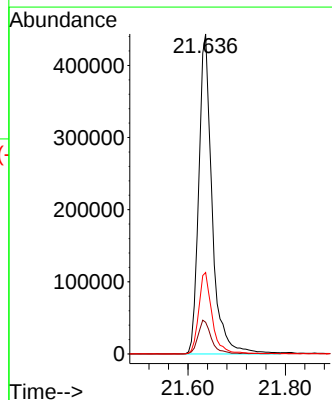
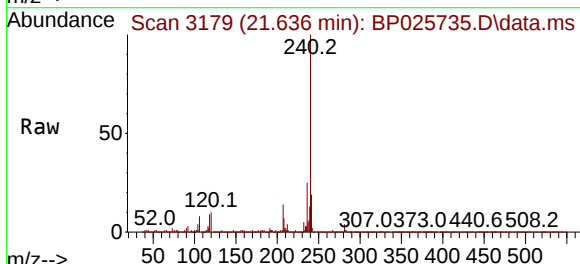
Instrument :
BNA_P
ClientSampleId :

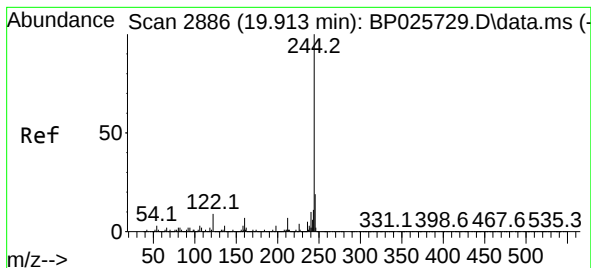
Tgt Ion:188 Resp: 757089
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025735.D
Acq: 11 Sep 2025 17:35

Tgt Ion:240 Resp: 844825
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 86.504 ng

RT: 19.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025735.D

Acq: 11 Sep 2025 17:35

Instrument :

BNA_P

ClientSampleId :

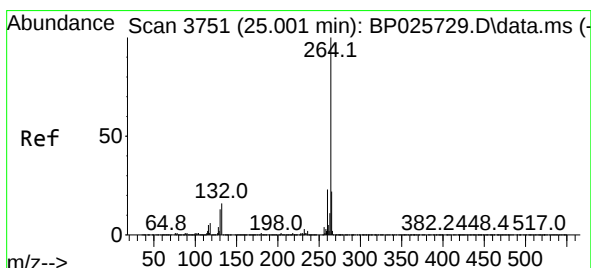
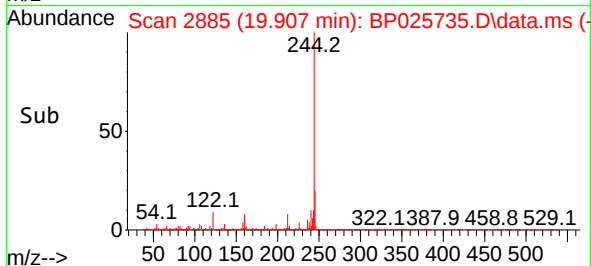
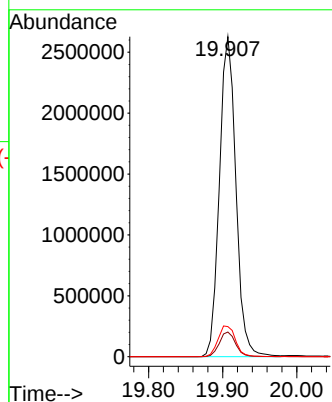
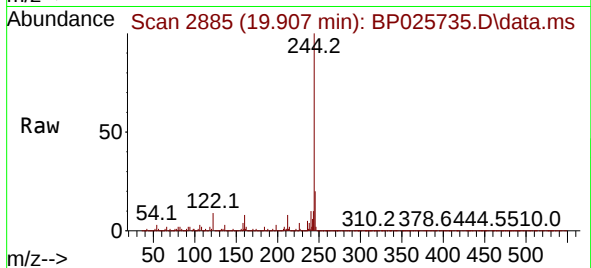
Tgt Ion:244 Resp: 4062327

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 9.4 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 3751

Delta R.T. 0.000 min

Lab File: BP025735.D

Acq: 11 Sep 2025 17:35

Tgt Ion:264 Resp: 883945

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 21.8 17.3 25.9

