

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025113.D
 Acq On : 14 Jul 2025 10:02
 Operator : CG/JU
 Sample : PB168813BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168813BL

Quant Time: Jul 14 11:14:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	484559	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	1815413	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1103079	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2338770	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2461415	20.000	ng	0.00
86) Perylene-d12	24.465	264	2667716	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3582728	131.007	ng	0.00
7) Phenol-d6	6.631	99	4276262	119.823	ng	0.00
23) Nitrobenzene-d5	8.560	82	2574643	94.318	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1972310	151.355	ng	-0.01
45) 2-Fluorobiphenyl	12.690	172	6627487	93.077	ng	0.00
79) Terphenyl-d14	19.672	244	10586750	94.529	ng	0.00

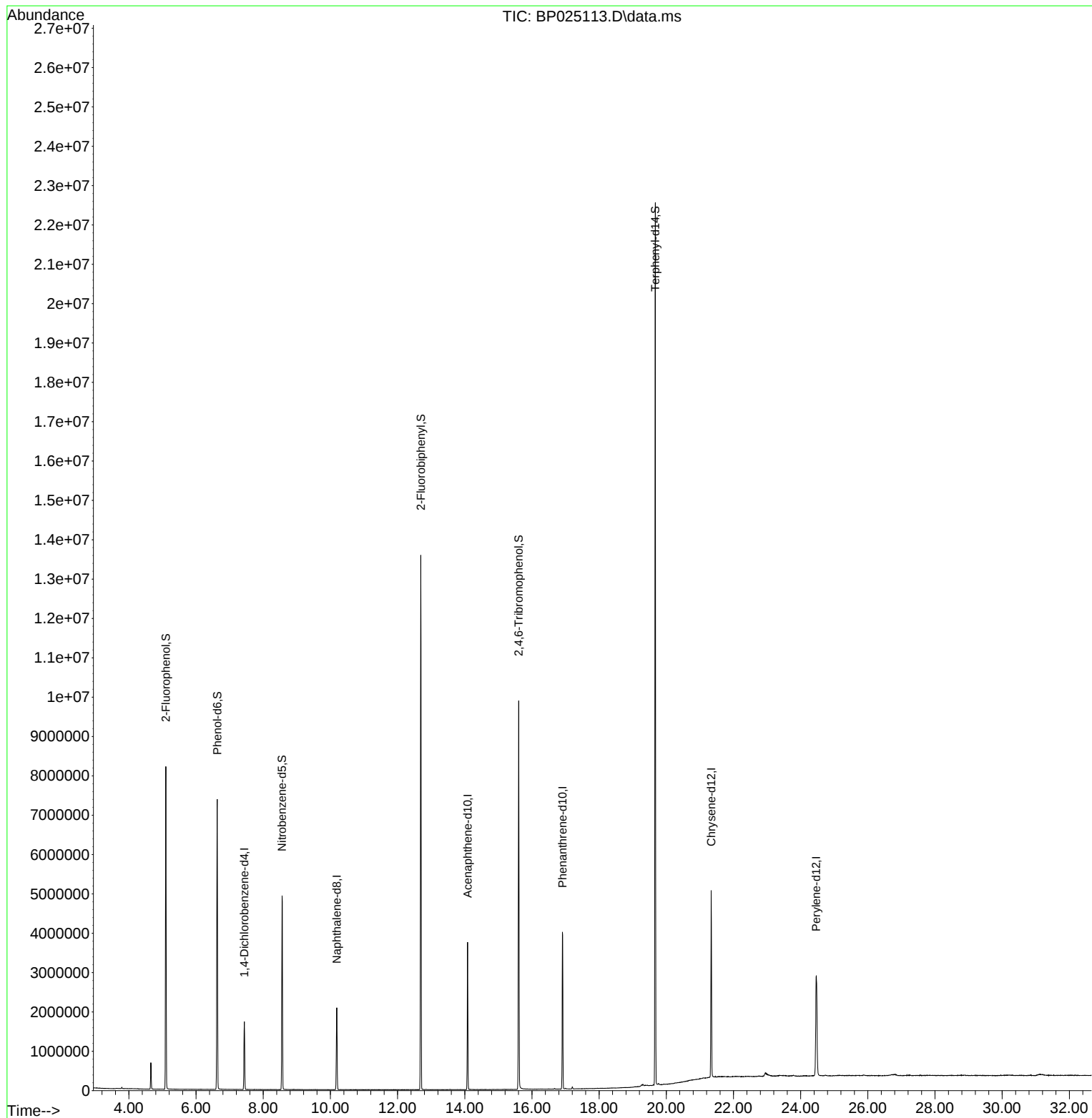
Target Compounds	Qvalue

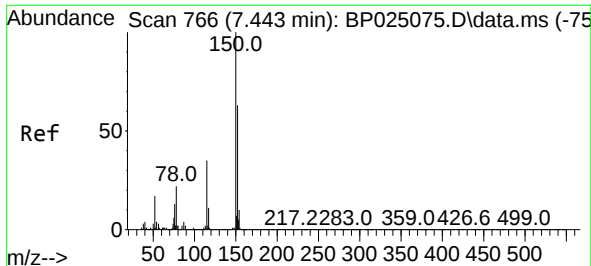
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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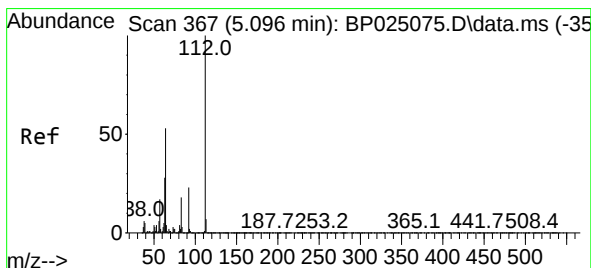
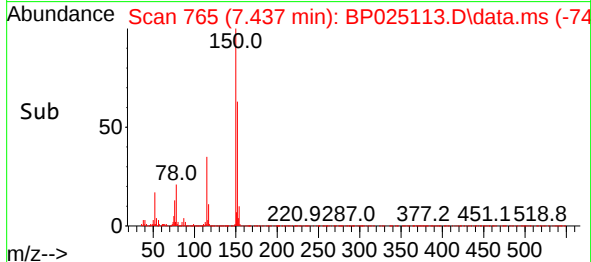
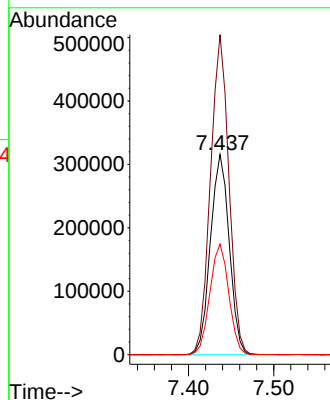
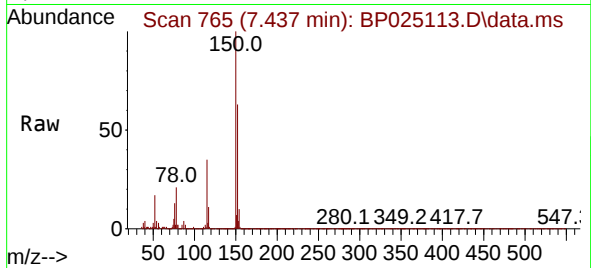




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

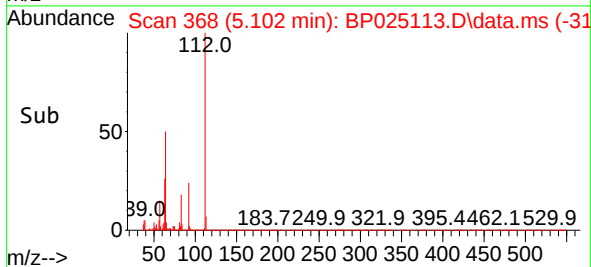
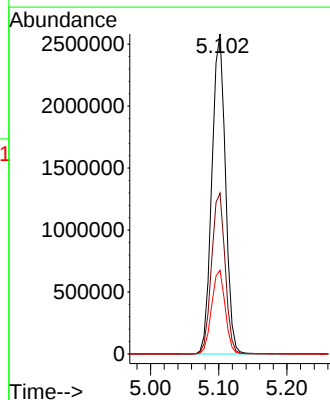
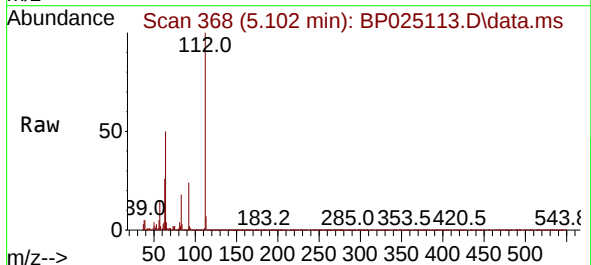
Instrument :
BNA_P
ClientSampleId :
PB168813BL

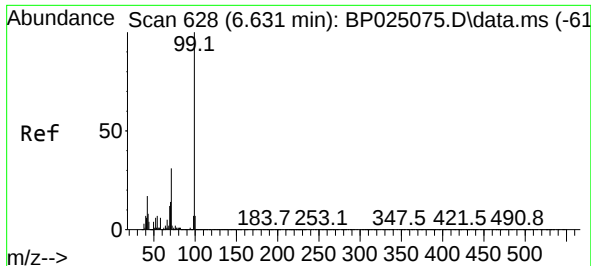
Tgt Ion:152 Resp: 484559
Ion Ratio Lower Upper
152 100
150 159.9 126.1 189.1
115 55.2 44.3 66.5



#5
2-Fluorophenol
Concen: 131.007 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

Tgt Ion:112 Resp: 3582728
Ion Ratio Lower Upper
112 100
64 50.3 42.0 63.0
63 26.1 22.2 33.2



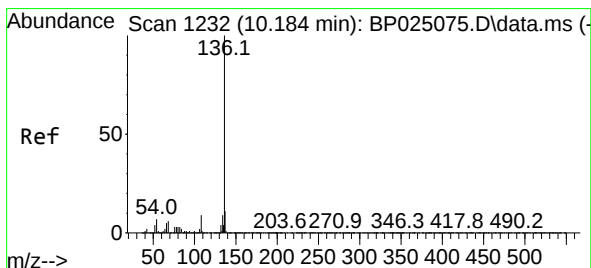
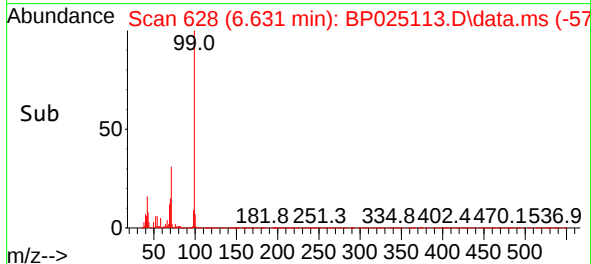
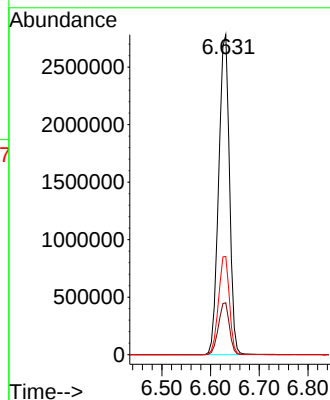
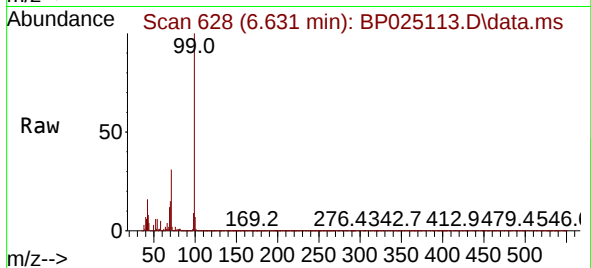


#7
Phenol-d6
Concen: 119.823 ng
RT: 6.631 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

Instrument :
BNA_P
ClientSampleId :
PB168813BL

Tgt Ion: 99 Resp: 4276262

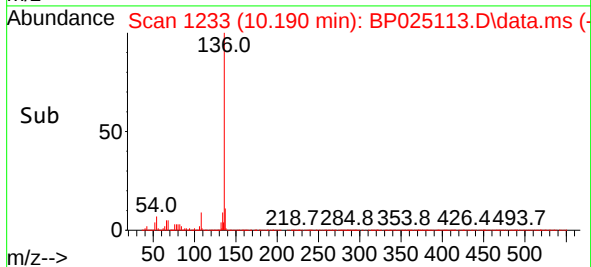
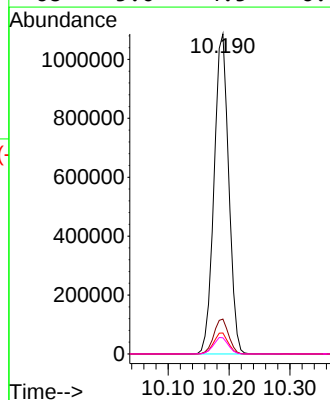
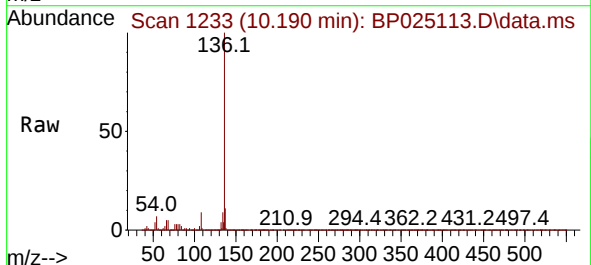
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.6	20.4
71	30.7	24.4	36.6

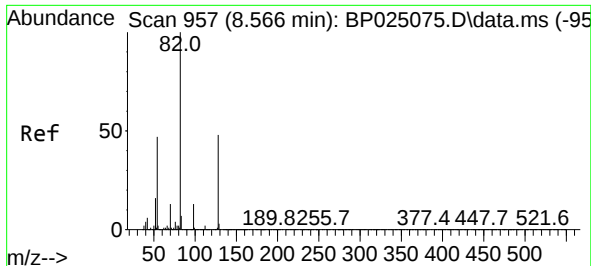


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

Tgt Ion:136 Resp: 1815413

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.5	5.4	8.2
68	5.0	4.5	6.7

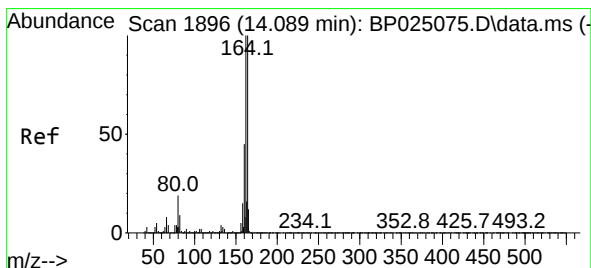
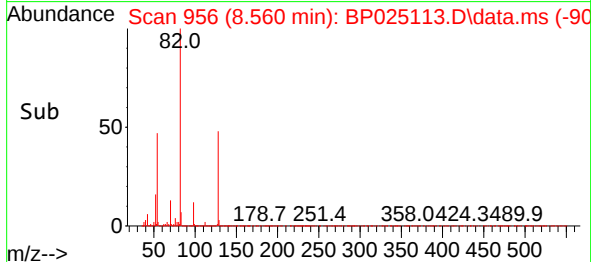
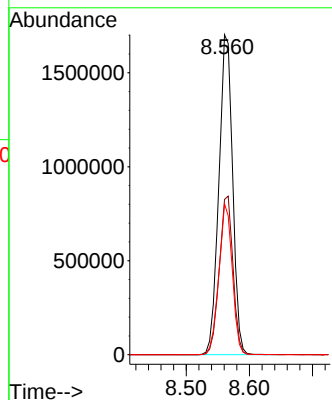
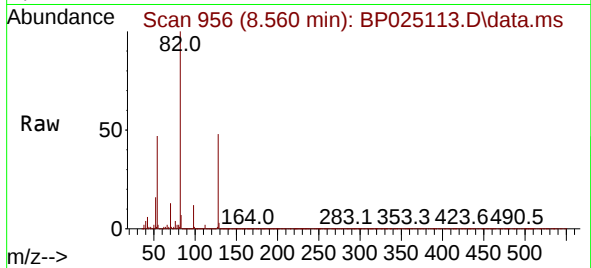




#23
Nitrobenzene-d5
Concen: 94.318 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

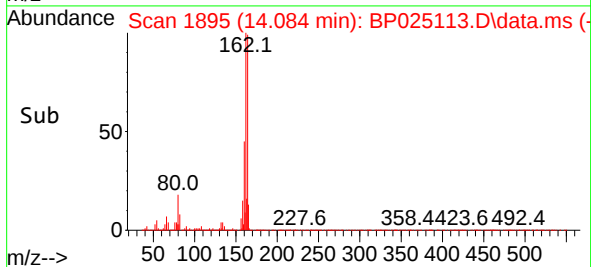
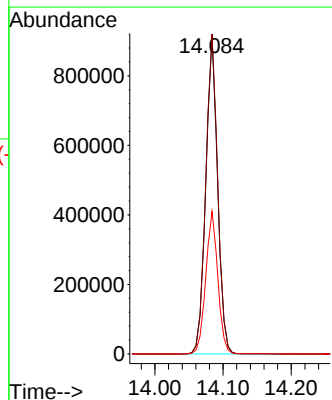
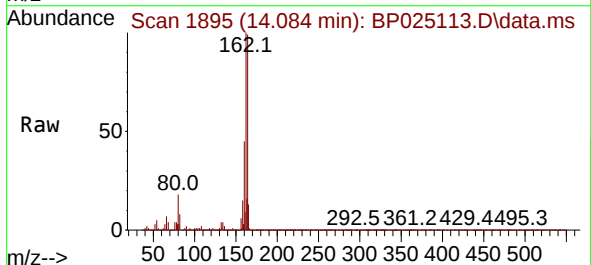
Instrument :
BNA_P
ClientSampleId :
PB168813BL

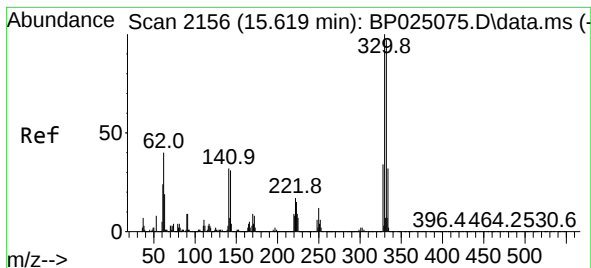
Tgt Ion: 82 Resp: 2574643
Ion Ratio Lower Upper
82 100
128 48.5 38.4 57.6
54 47.2 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

Tgt Ion:164 Resp: 1103079
Ion Ratio Lower Upper
164 100
162 100.7 80.3 120.5
160 44.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 151.355 ng

RT: 15.607 min Scan# 2156

Delta R.T. -0.012 min

Lab File: BP025113.D

Acq: 14 Jul 2025 10:02

Instrument :

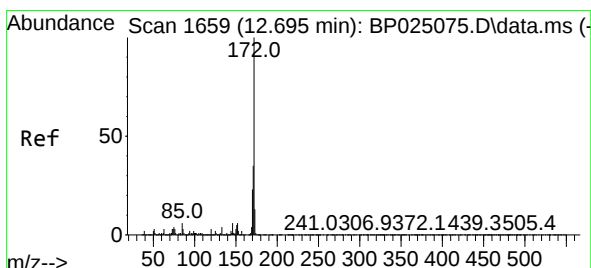
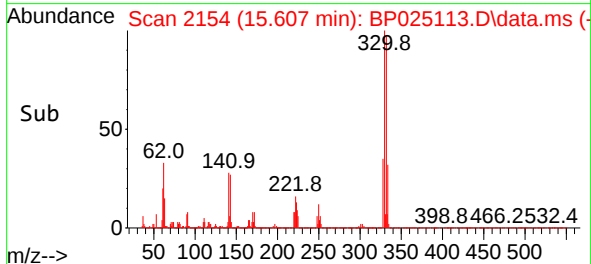
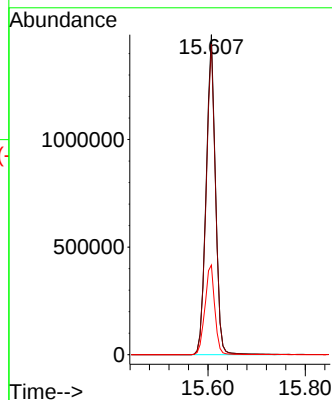
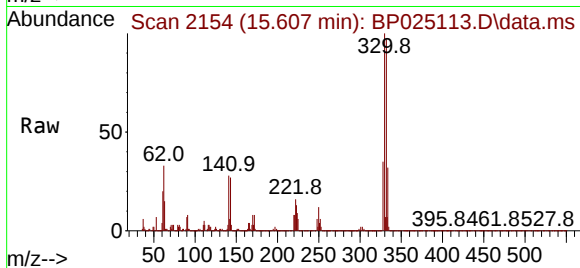
BNA_P

ClientSampleId :

PB168813BL

Tgt Ion:330 Resp: 1972310

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	29.7	26.0	39.0



#45

2-Fluorobiphenyl

Concen: 93.077 ng

RT: 12.690 min Scan# 1658

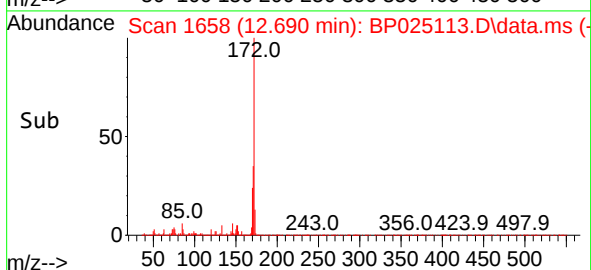
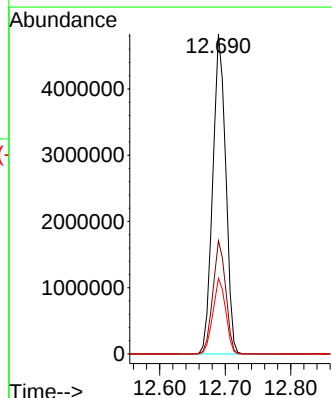
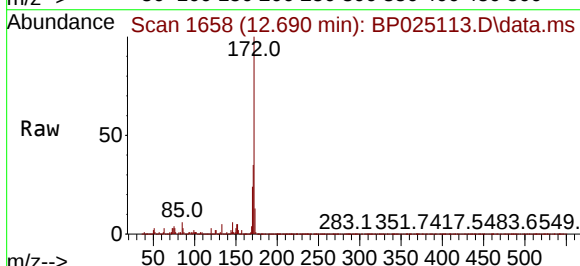
Delta R.T. -0.006 min

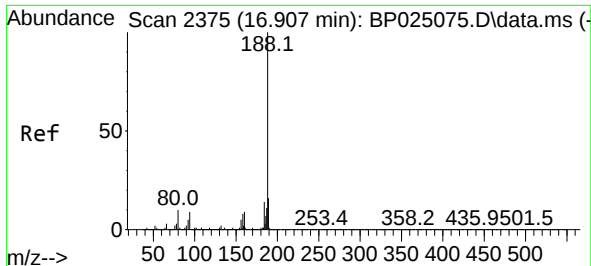
Lab File: BP025113.D

Acq: 14 Jul 2025 10:02

Tgt Ion:172 Resp: 6627487

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.6	18.7	28.1

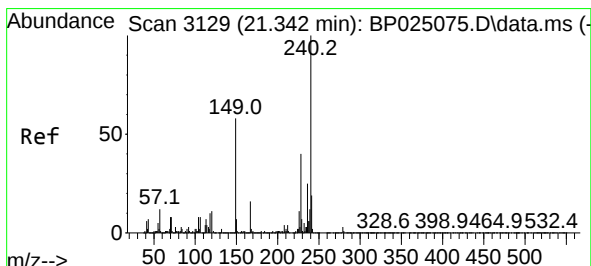
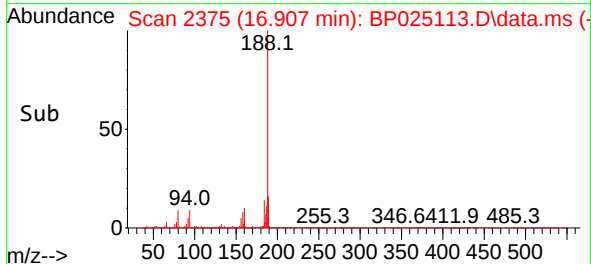
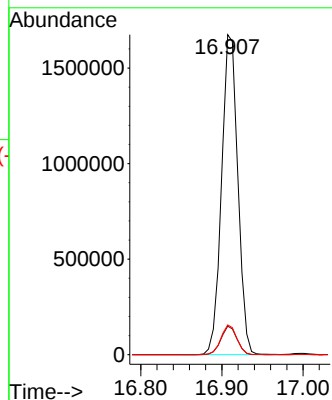
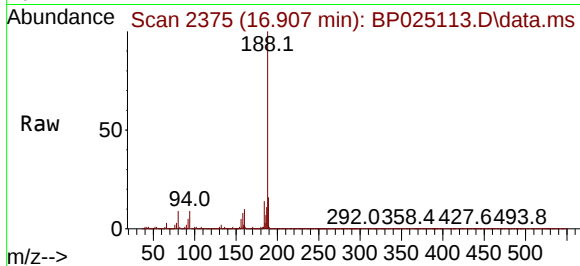




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

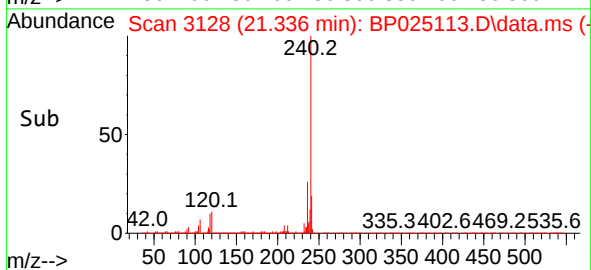
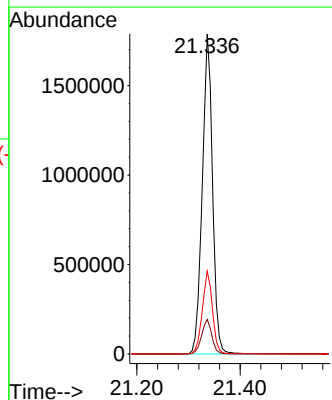
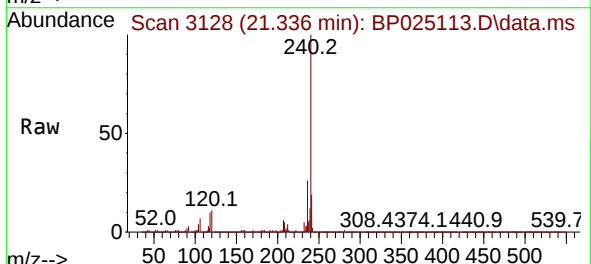
Instrument :
BNA_P
ClientSampleId :
PB168813BL

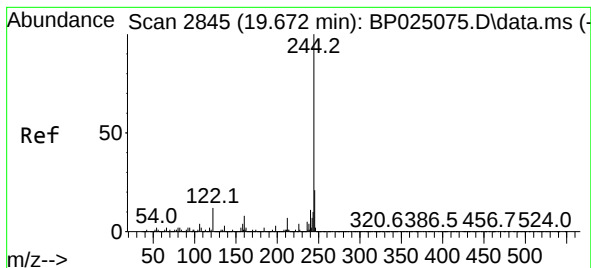
Tgt Ion:188 Resp: 2338770
Ion Ratio Lower Upper
188 100
94 8.9 7.3 10.9
80 9.3 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025113.D
Acq: 14 Jul 2025 10:02

Tgt Ion:240 Resp: 2461415
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 25.8 20.3 30.5





#79

Terphenyl-d14

Concen: 94.529 ng

RT: 19.672 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025113.D

Acq: 14 Jul 2025 10:02

Instrument :

BNA_P

ClientSampleId :

PB168813BL

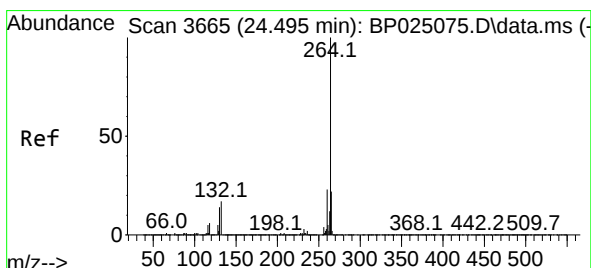
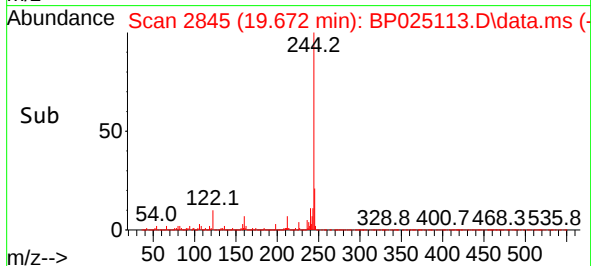
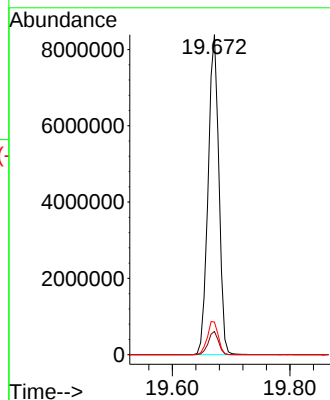
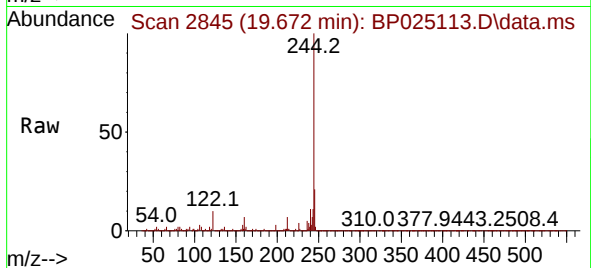
Tgt Ion:244 Resp:10586750

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 10.2 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.465 min Scan# 3660

Delta R.T. -0.029 min

Lab File: BP025113.D

Acq: 14 Jul 2025 10:02

Tgt Ion:264 Resp: 2667716

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.9 17.7 26.5

