

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
 Data File : BP024889.D
 Acq On : 10 Jun 2025 11:33
 Operator : RC/JU
 Sample : PB168321BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168321BL

Quant Time: Jun 10 12:25:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	238782	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	925741	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	559666	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1106475	20.000	ng	0.00
76) Chrysene-d12	21.477	240	1229440	20.000	ng	0.00
86) Perylene-d12	24.718	264	1444069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2193773	153.355	ng	0.00
7) Phenol-d6	6.814	99	2683147	141.761	ng	0.00
23) Nitrobenzene-d5	8.760	82	1661851	87.232	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1164554	150.504	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3621535	87.171	ng	0.00
79) Terphenyl-d14	19.778	244	5873234	85.619	ng	-0.02

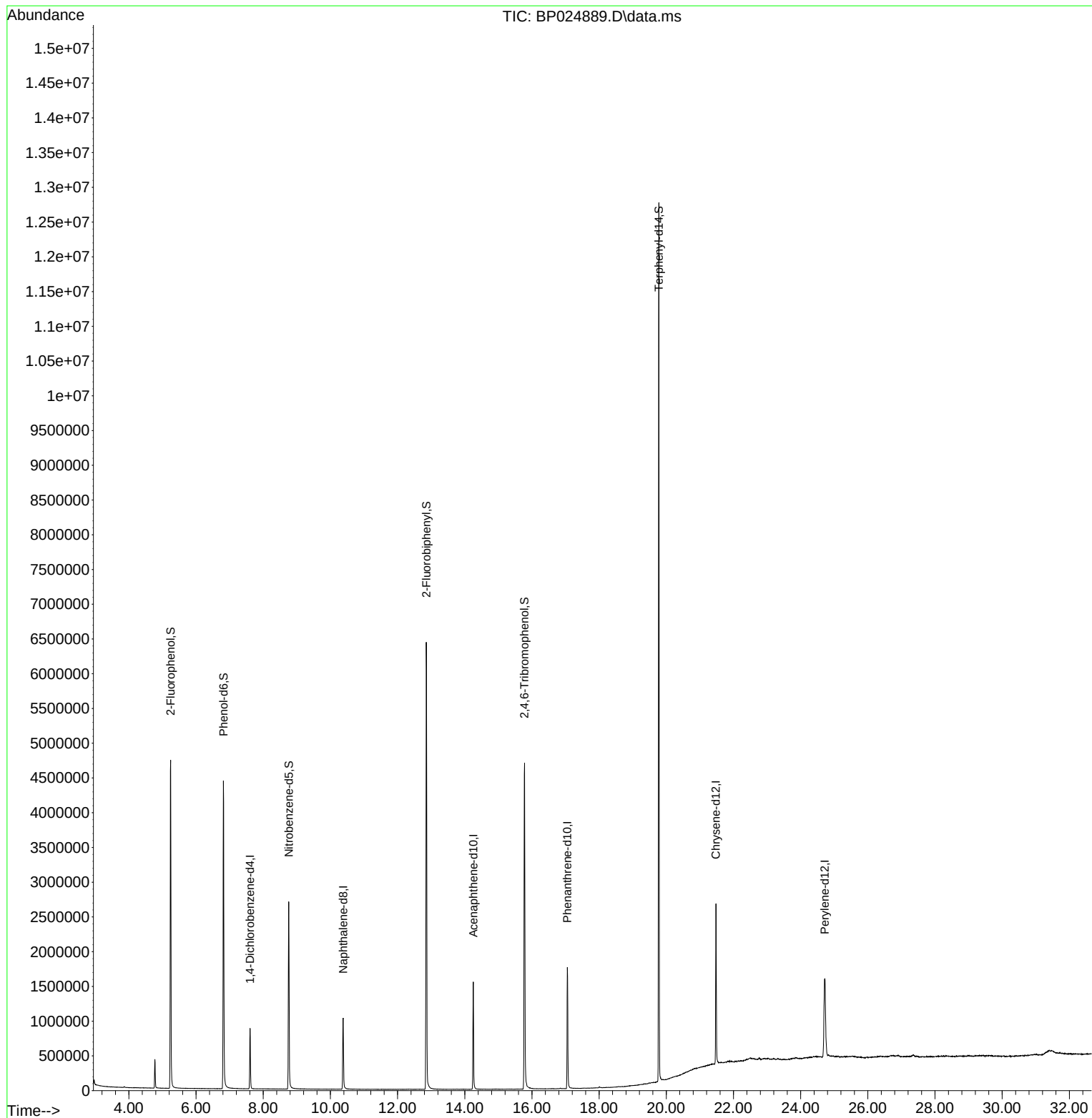
Target Compounds	Qvalue

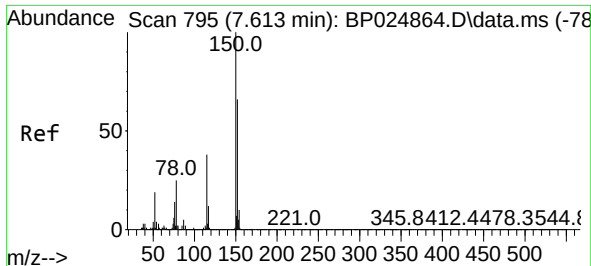
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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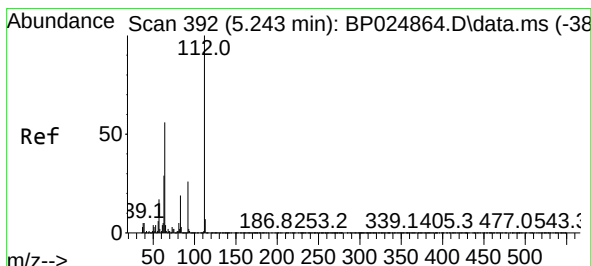
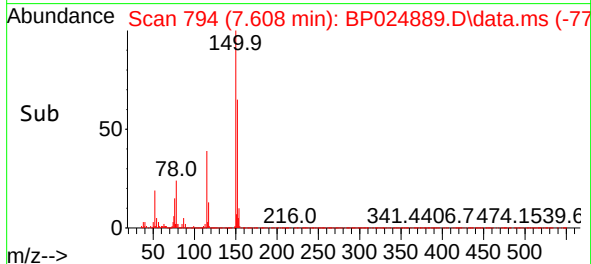
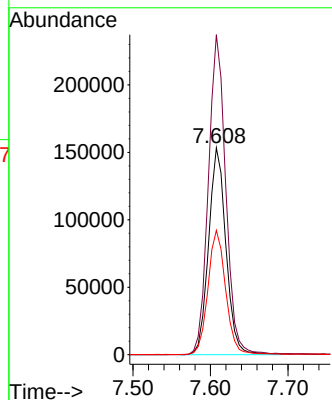
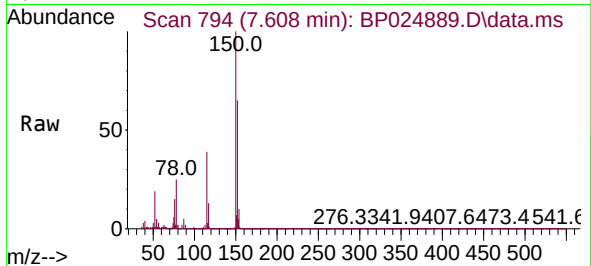




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 794
Delta R.T. -0.005 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

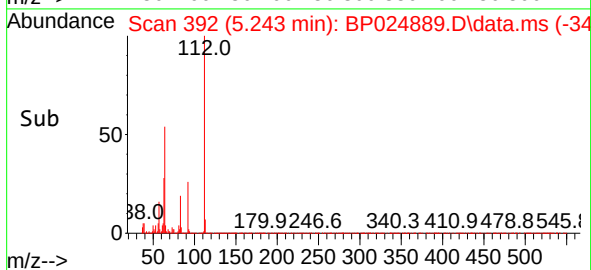
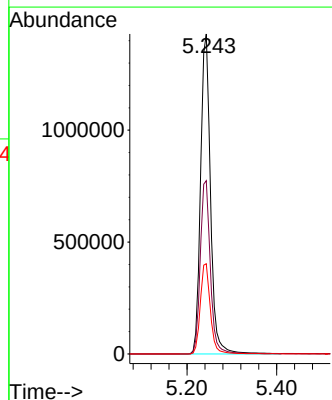
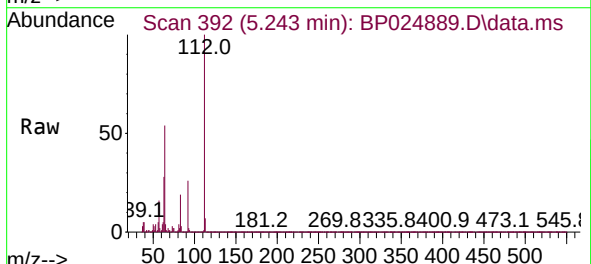
Instrument :
BNA_P
ClientSampleId :
PB168321BL

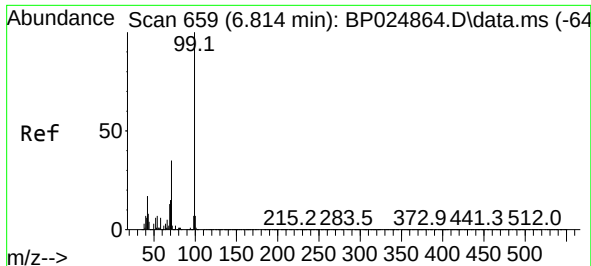
Tgt Ion:152 Resp: 238782
Ion Ratio Lower Upper
152 100
150 154.7 122.1 183.1
115 60.1 46.4 69.6



#5
2-Fluorophenol
Concen: 153.355 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

Tgt Ion:112 Resp: 2193773
Ion Ratio Lower Upper
112 100
64 54.2 44.7 67.1
63 28.2 23.5 35.3



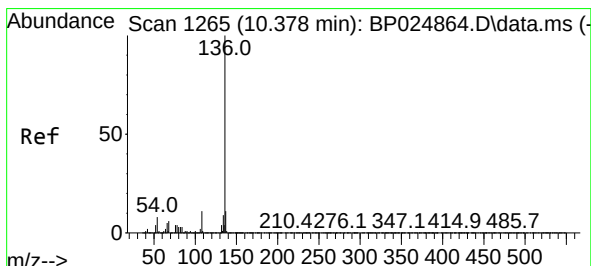
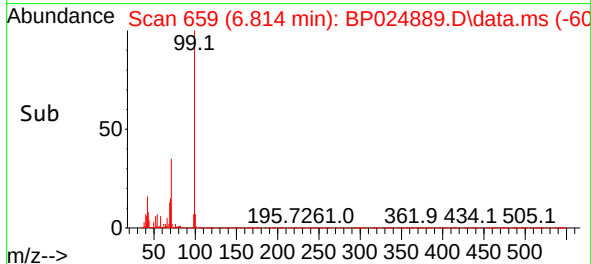
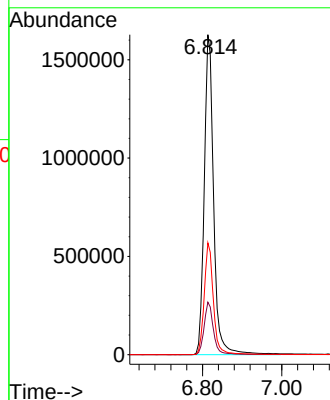
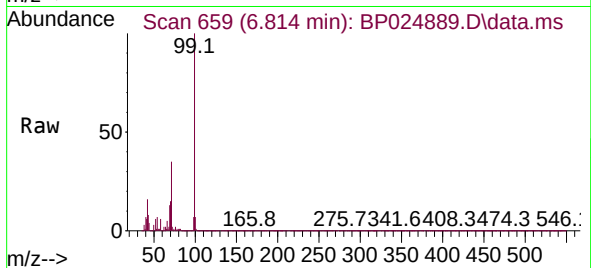


#7
Phenol-d6
Concen: 141.761 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

Instrument :
BNA_P
ClientSampleId :
PB168321BL

Tgt Ion: 99 Resp: 2683147

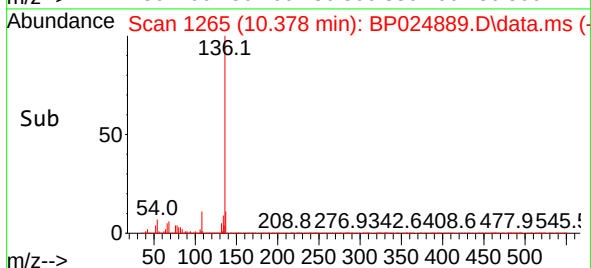
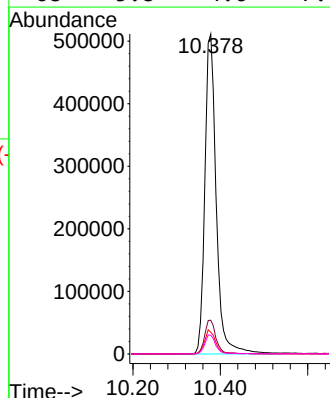
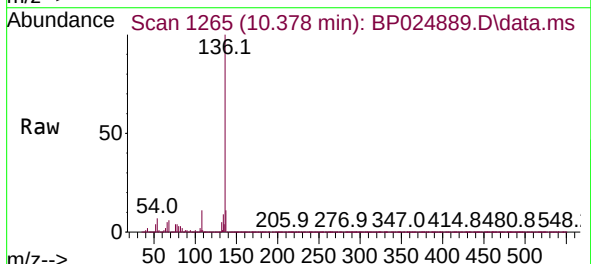
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.4	20.2
71	35.0	27.6	41.4

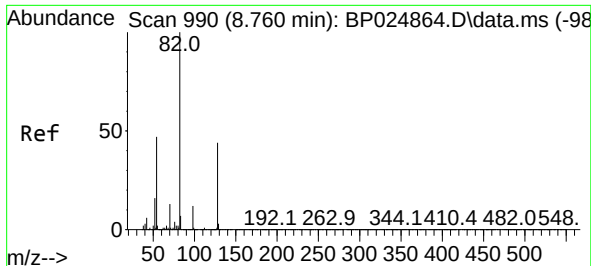


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

Tgt Ion: 136 Resp: 925741

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.8	6.1	9.1
68	5.8	4.6	7.0

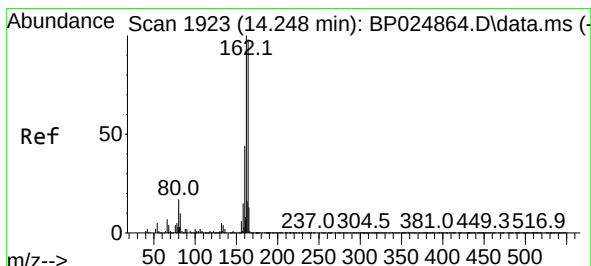
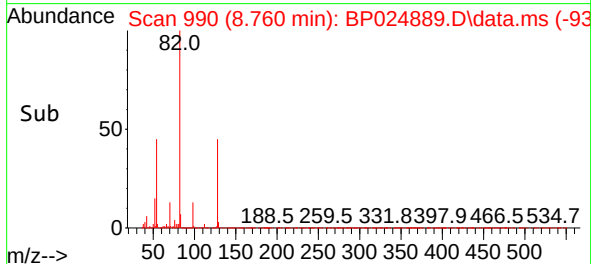
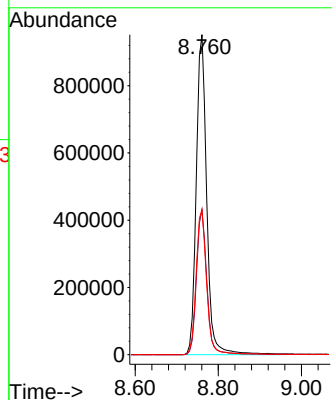
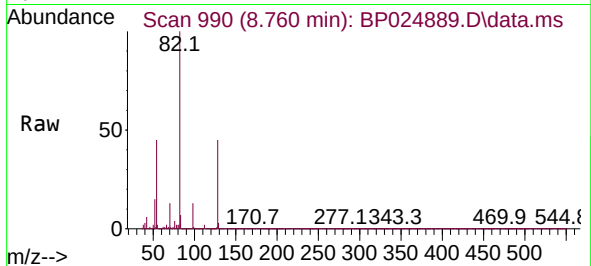




#23
Nitrobenzene-d5
Concen: 87.232 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

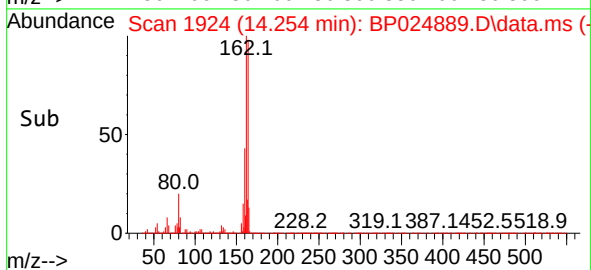
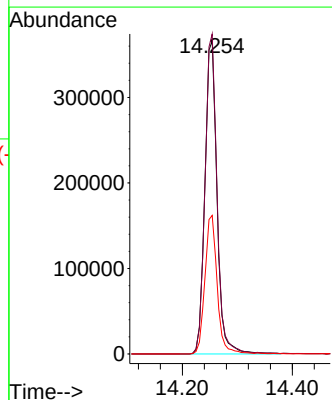
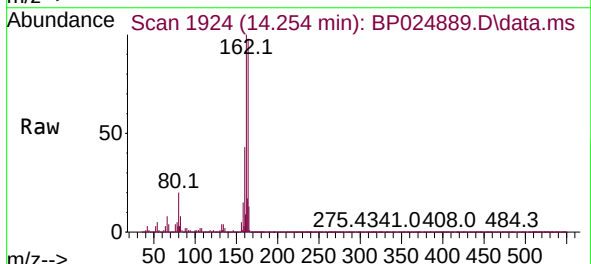
Instrument :
BNA_P
ClientSampleId :
PB168321BL

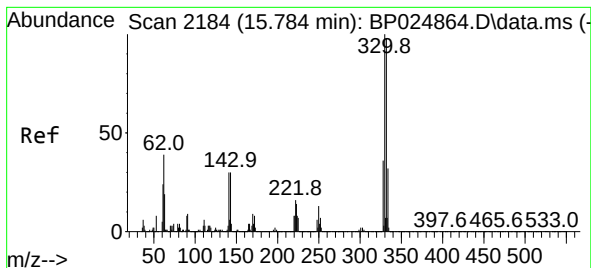
Tgt Ion: 82 Resp: 1661851
Ion Ratio Lower Upper
82 100
128 45.3 35.3 52.9
54 45.3 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

Tgt Ion:164 Resp: 559666
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 44.3 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 150.504 ng

RT: 15.778 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024889.D

Acq: 10 Jun 2025 11:33

Instrument :

BNA_P

ClientSampleId :

PB168321BL

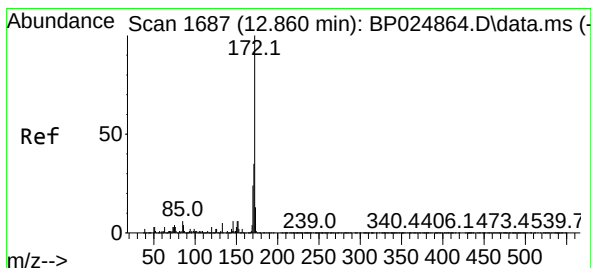
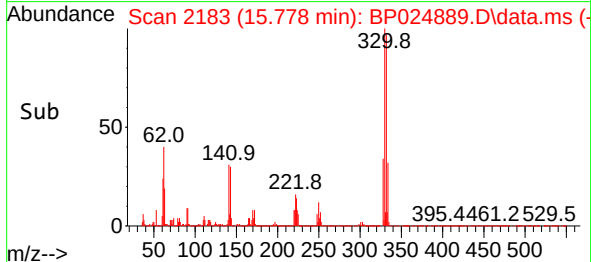
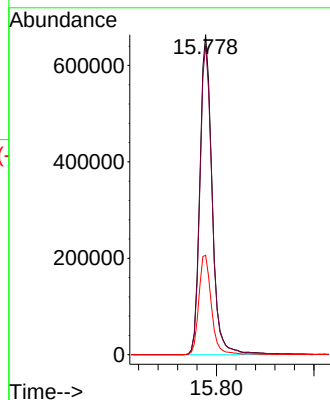
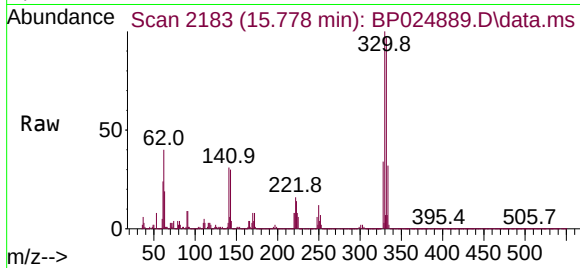
Tgt Ion:330 Resp: 1164554

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

141 31.6 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 87.171 ng

RT: 12.854 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BP024889.D

Acq: 10 Jun 2025 11:33

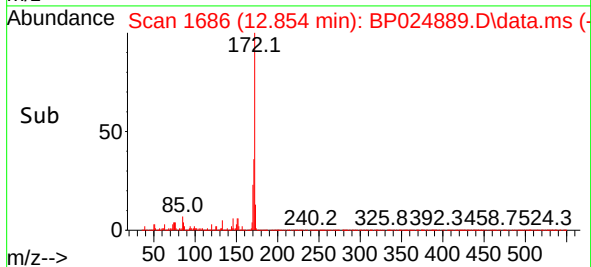
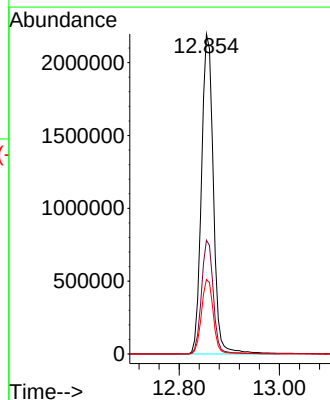
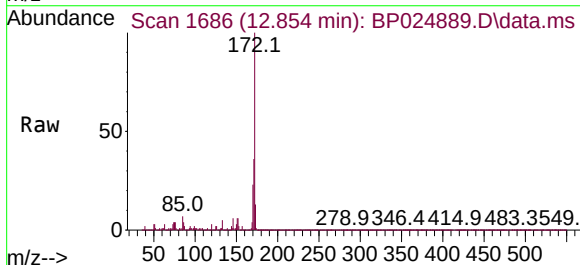
Tgt Ion:172 Resp: 3621535

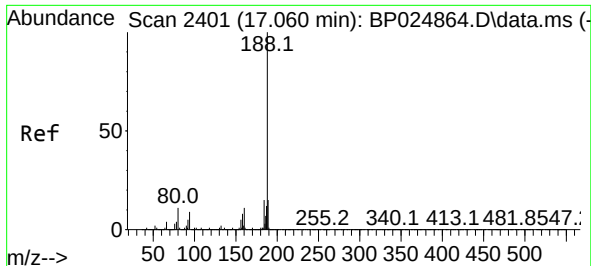
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 19.0 28.4

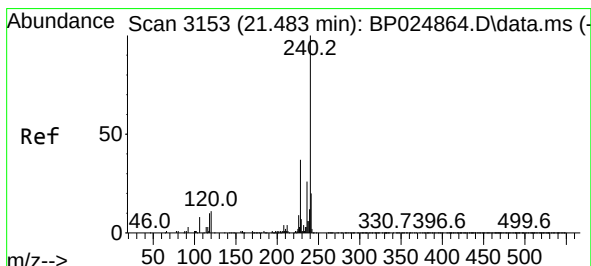
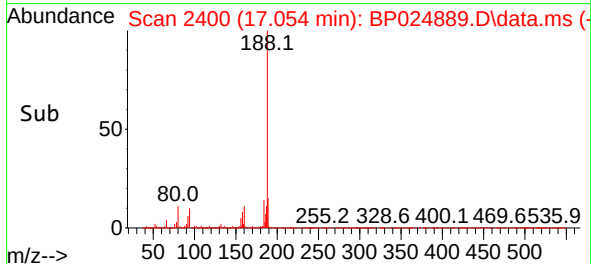
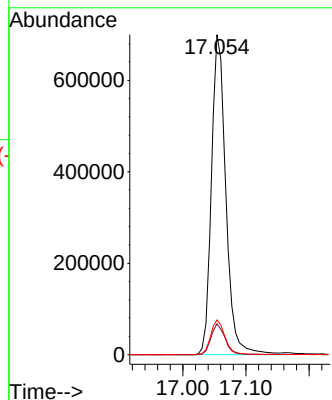
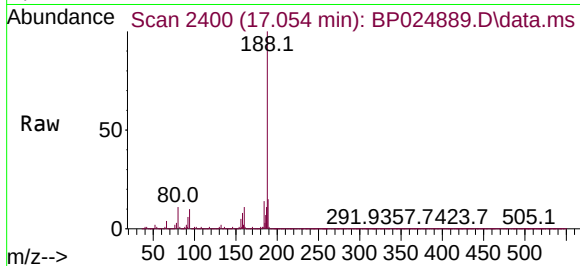




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.054 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

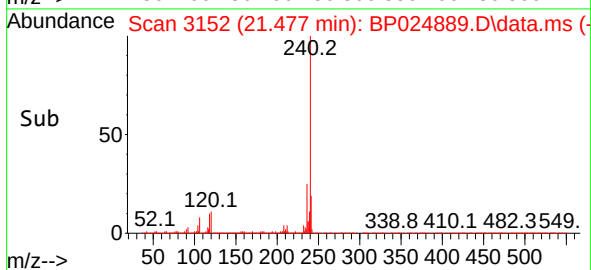
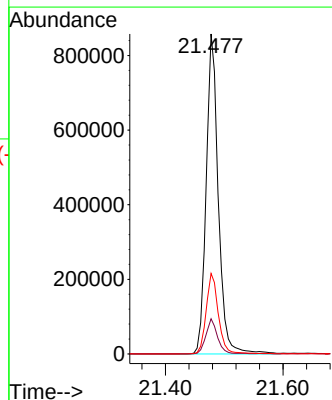
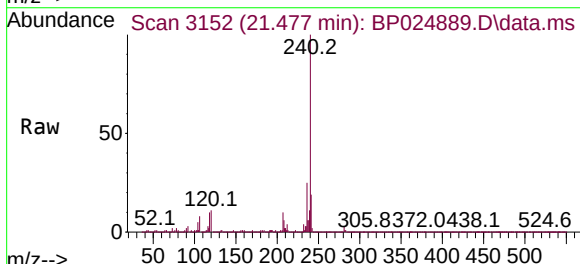
Instrument :
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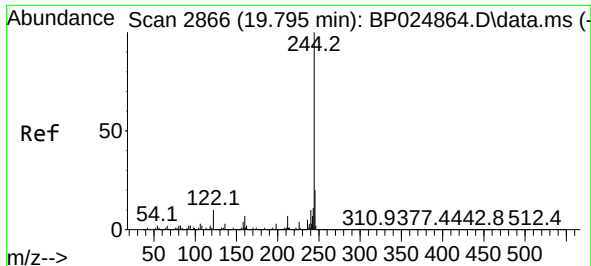
Tgt Ion:188 Resp: 1106475
Ion Ratio Lower Upper
188 100
94 9.6 7.3 10.9
80 10.9 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BP024889.D
Acq: 10 Jun 2025 11:33

Tgt Ion:240 Resp: 1229440
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.1 20.9 31.3

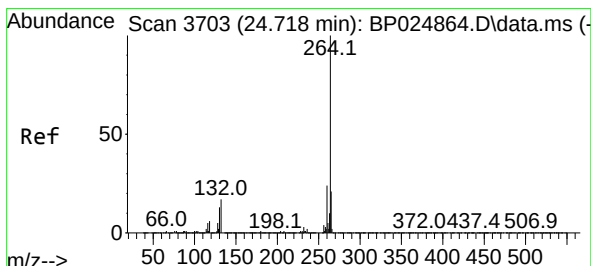
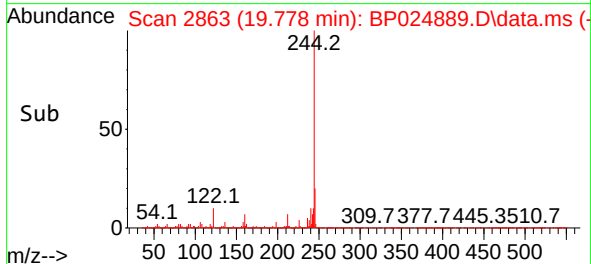
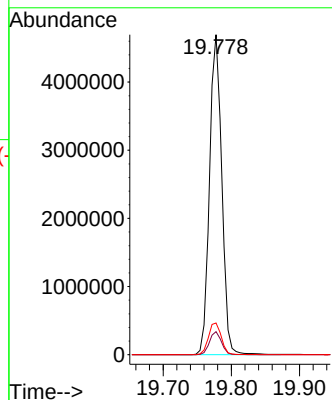
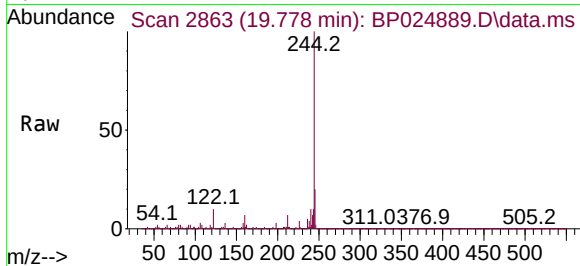




#79
 Terphenyl-d14
 Concen: 85.619 ng
 RT: 19.778 min Scan# 2863
 Delta R.T. -0.018 min
 Lab File: BP024889.D
 Acq: 10 Jun 2025 11:33

Instrument :
 BNA_P
 ClientSampleId :
 PB168321BL

Tgt Ion:244 Resp: 5873234
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 9.9 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.718 min Scan# 3703
 Delta R.T. 0.000 min
 Lab File: BP024889.D
 Acq: 10 Jun 2025 11:33

Tgt Ion:264 Resp: 1444069
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 21.9 17.4 26.0

