

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072425\
 Data File : BP025243.D
 Acq On : 24 Jul 2025 15:27
 Operator : CG/JU
 Sample : Q2481-20 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CC0627-BL

Quant Time: Jul 24 16:03:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 22 02:55:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	469209	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	1835534	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	1050767	20.000	ng	0.01
64) Phenanthrene-d10	16.901	188	2259814	20.000	ng	0.00
76) Chrysene-d12	21.330	240	2324570	20.000	ng	0.00
86) Perylene-d12	24.465	264	1651308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.101	112	66254	2.386	ng	0.00
7) Phenol-d6	6.643	99	133099	3.870	ng	0.00
23) Nitrobenzene-d5	8.560	82	287376	8.701	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	64520	4.165	ng	0.00
45) 2-Fluorobiphenyl	12.678	172	742053	9.956	ng	0.00
79) Terphenyl-d14	19.660	244	1175554	9.983	ng	0.00

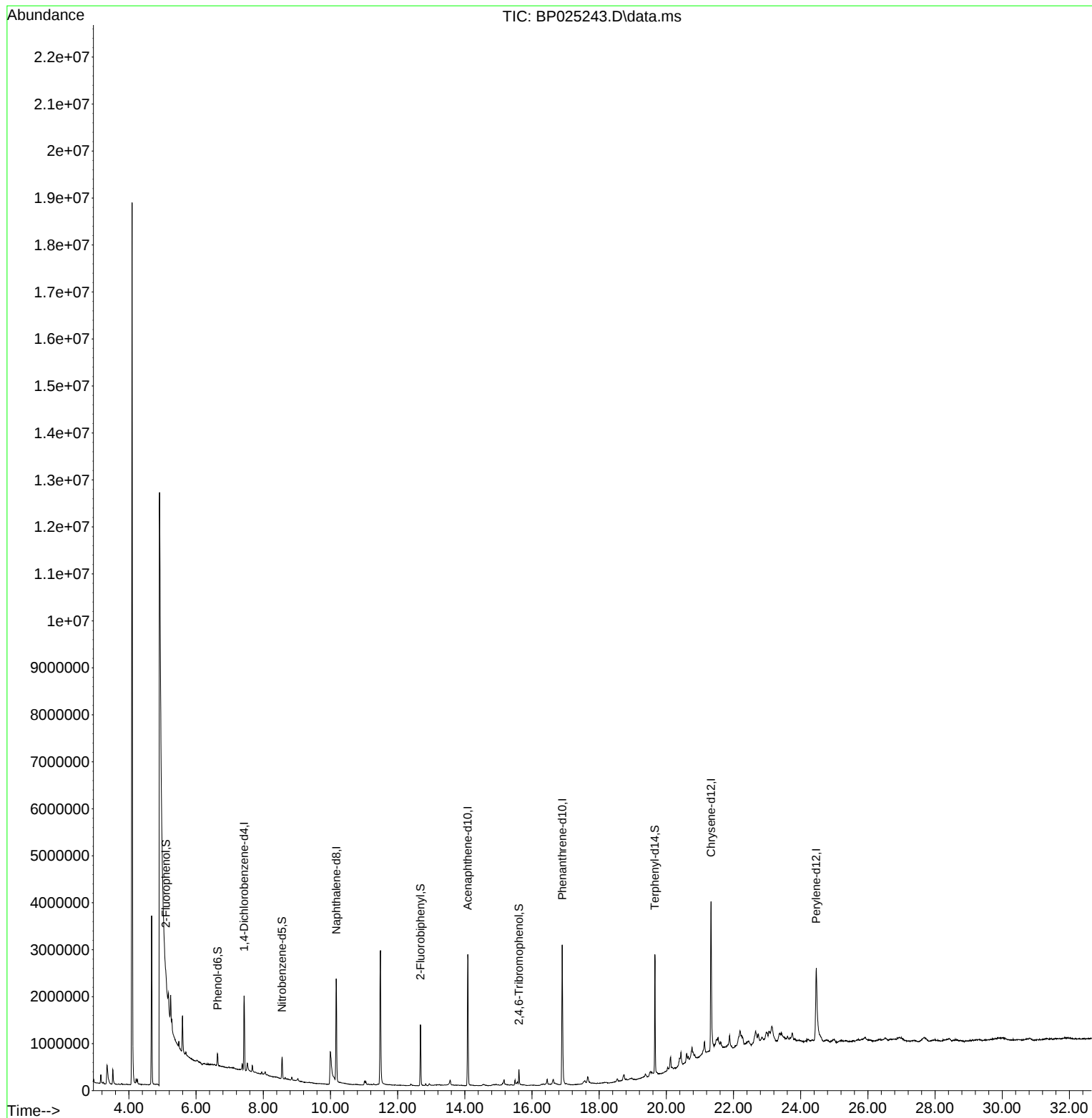
Target Compounds	Qvalue

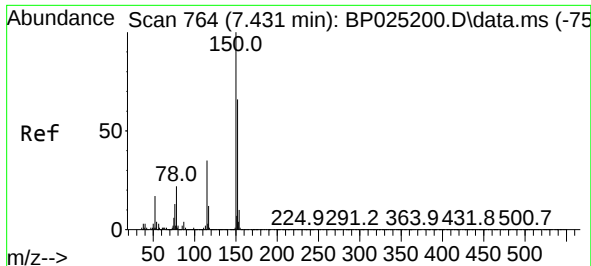
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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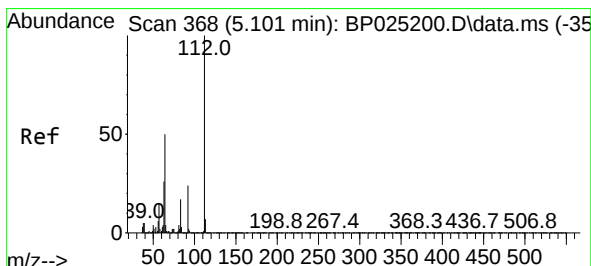
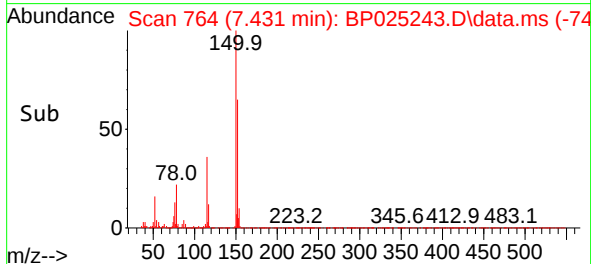
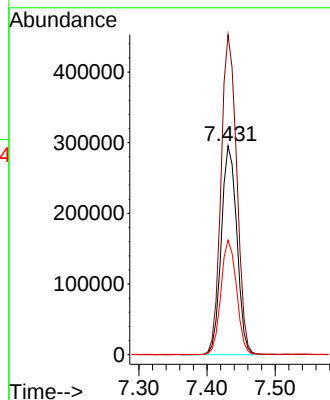
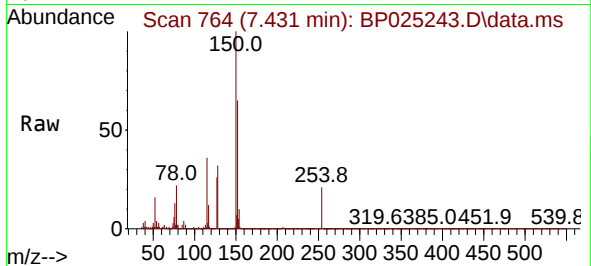




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.431 min Scan# 764
 Delta R.T. -0.000 min
 Lab File: BP025243.D
 Acq: 24 Jul 2025 15:27

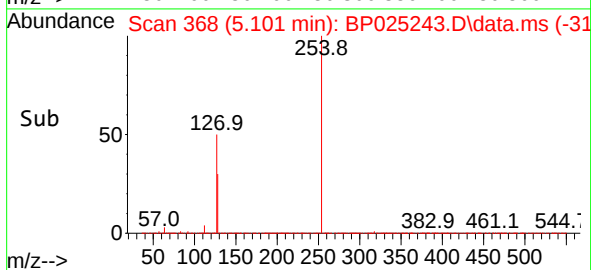
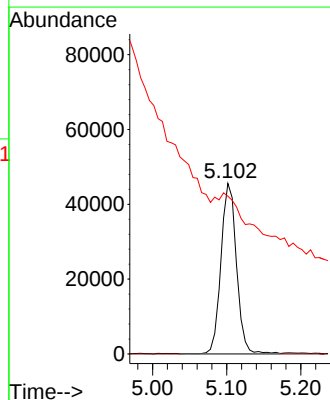
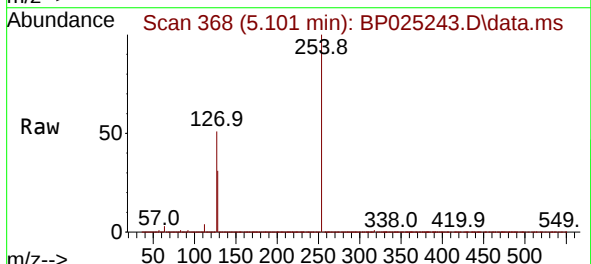
Instrument :
 BNA_P
 ClientSampleId :
 CC0627-BL

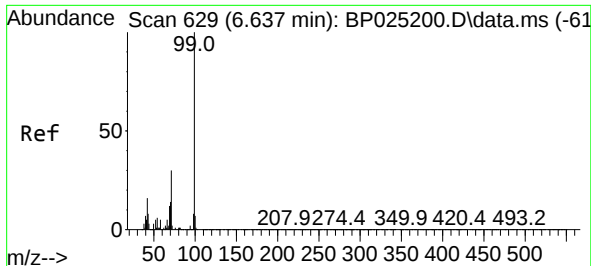
Tgt Ion:152 Resp: 469209
 Ion Ratio Lower Upper
 152 100
 150 153.3 121.9 182.9
 115 54.8 43.0 64.6



#5
 2-Fluorophenol
 Concen: 2.386 ng
 RT: 5.101 min Scan# 368
 Delta R.T. 0.000 min
 Lab File: BP025243.D
 Acq: 24 Jul 2025 15:27

Tgt Ion:112 Resp: 66254
 Ion Ratio Lower Upper
 112 100
 64 0.0 39.8 59.6#
 63 92.5 20.5 30.7#

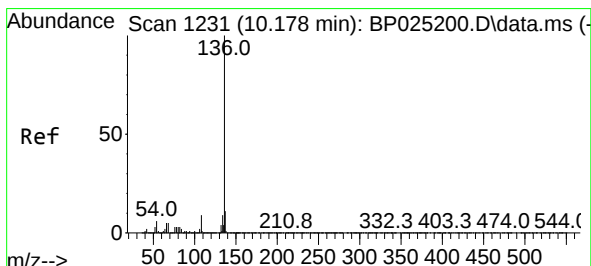
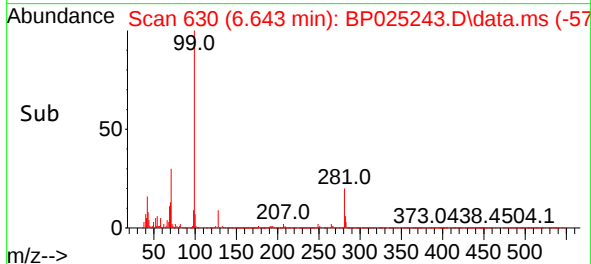
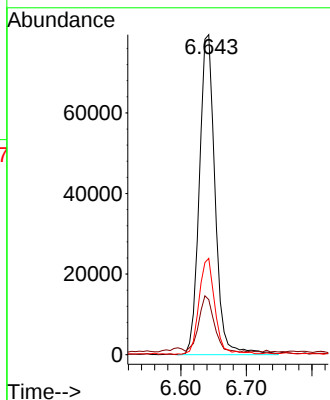
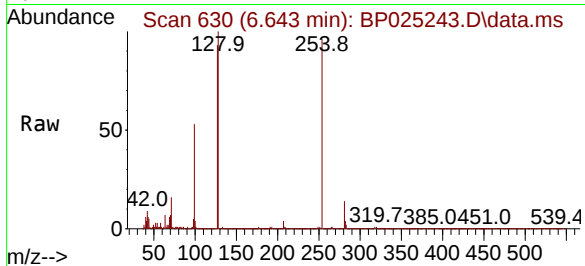




#7
Phenol-d6
Concen: 3.870 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

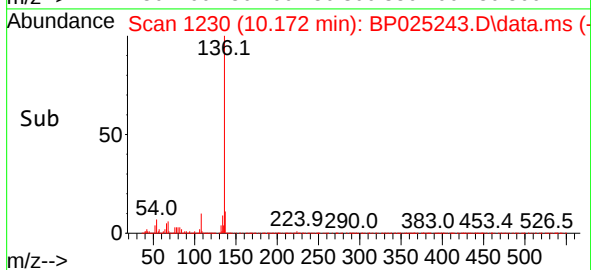
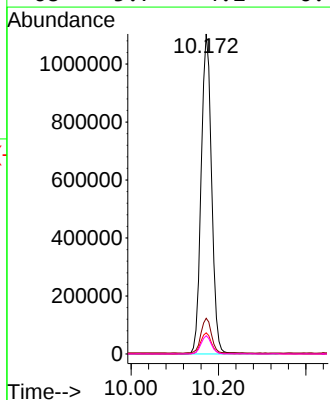
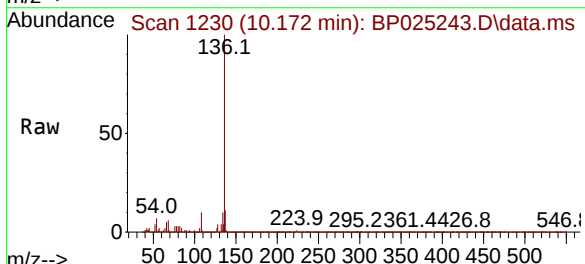
Instrument :
BNA_P
ClientSampleId :
CC0627-BL

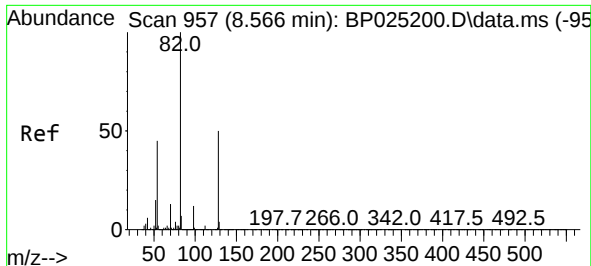
Tgt Ion: 99 Resp: 133099
Ion Ratio Lower Upper
99 100
42 17.2 12.5 18.7
71 30.1 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

Tgt Ion: 136 Resp: 1835534
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.6 5.1 7.7
68 5.7 4.2 6.4

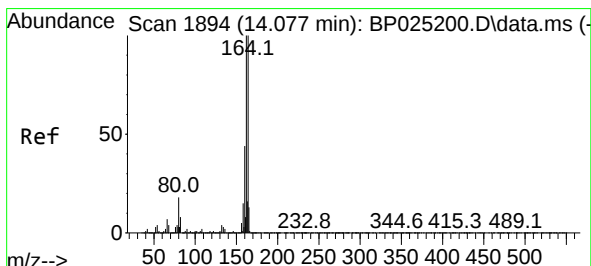
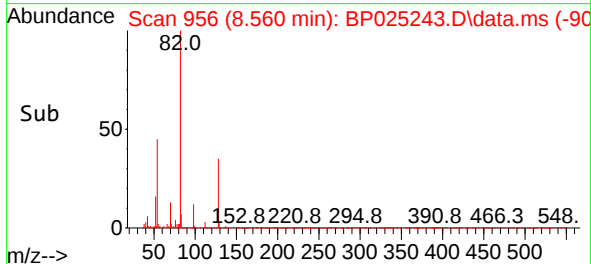
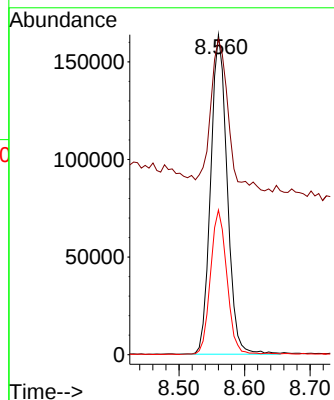
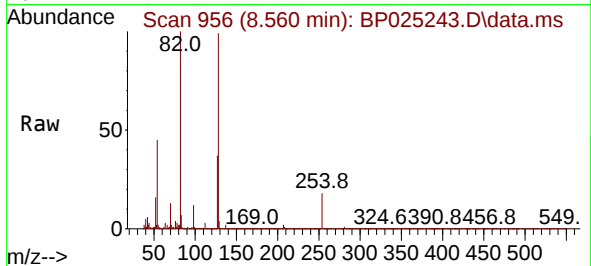




#23
Nitrobenzene-d5
Concen: 8.701 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

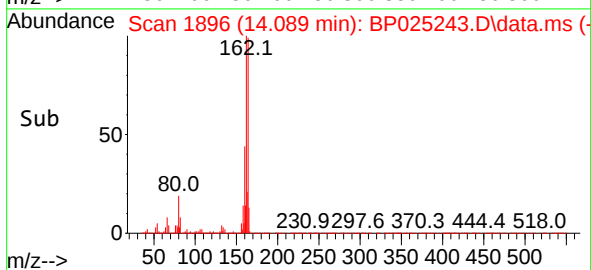
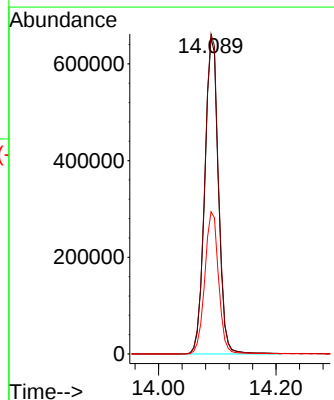
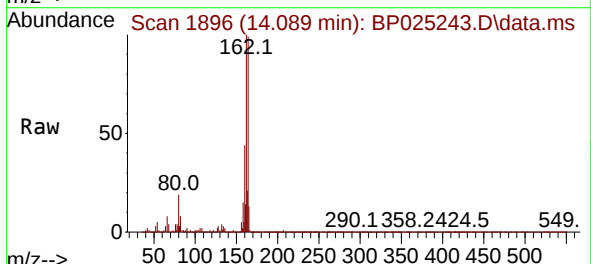
Instrument :
BNA_P
ClientSampleId :
CC0627-BL

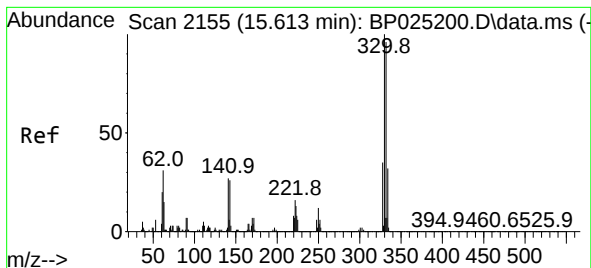
Tgt Ion: 82 Resp: 287376
Ion Ratio Lower Upper
82 100
128 98.6 40.2 60.4#
54 45.2 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1896
Delta R.T. 0.012 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

Tgt Ion:164 Resp: 1050767
Ion Ratio Lower Upper
164 100
162 101.3 80.3 120.5
160 45.0 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 4.165 ng

RT: 15.613 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BP025243.D

Acq: 24 Jul 2025 15:27

Instrument :

BNA_P

ClientSampleId :

CC0627-BL

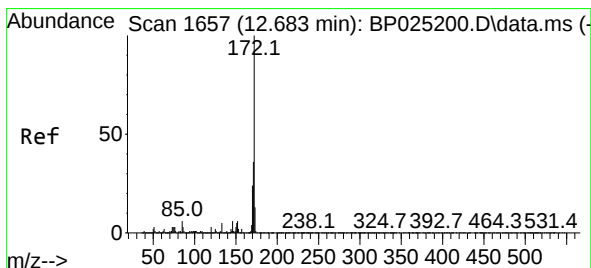
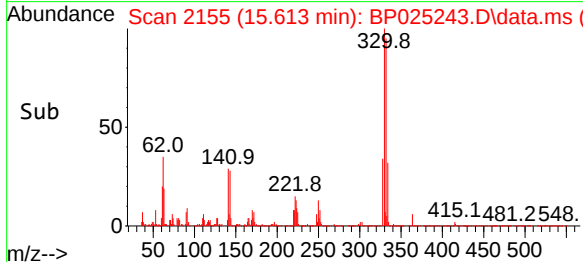
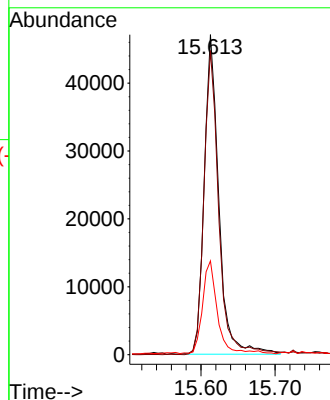
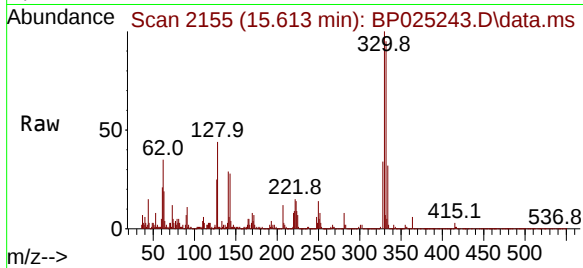
Tgt Ion:330 Resp: 64520

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

141 29.4 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 9.956 ng

RT: 12.678 min Scan# 1656

Delta R.T. -0.006 min

Lab File: BP025243.D

Acq: 24 Jul 2025 15:27

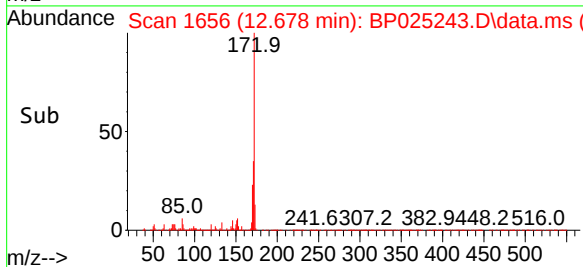
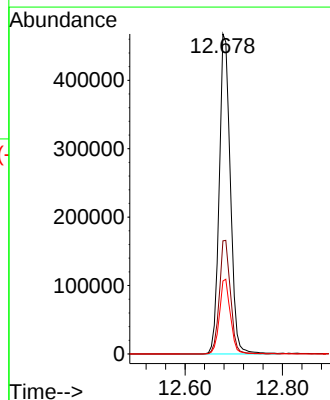
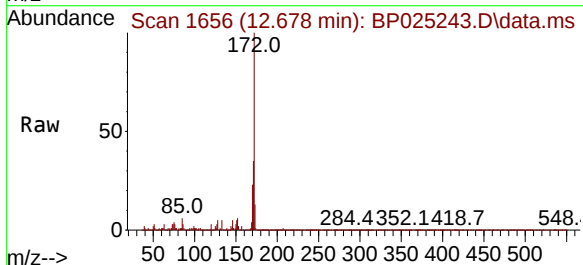
Tgt Ion:172 Resp: 742053

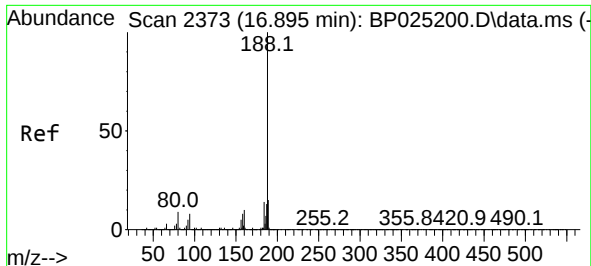
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 22.8 19.2 28.8

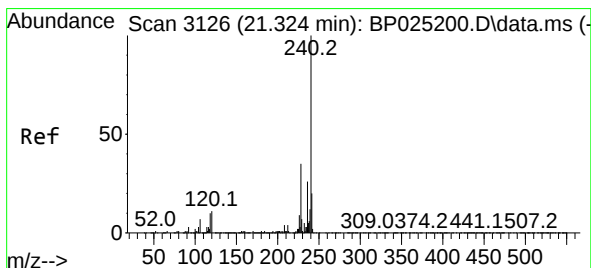
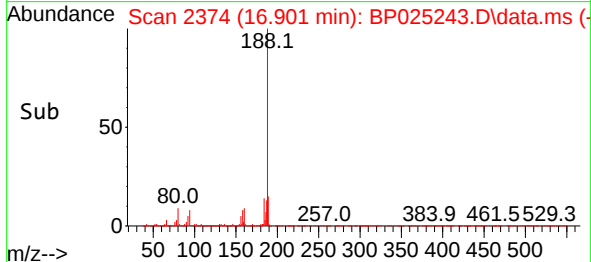
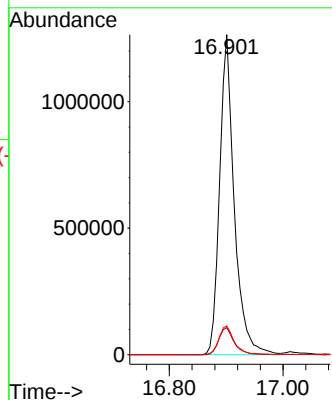
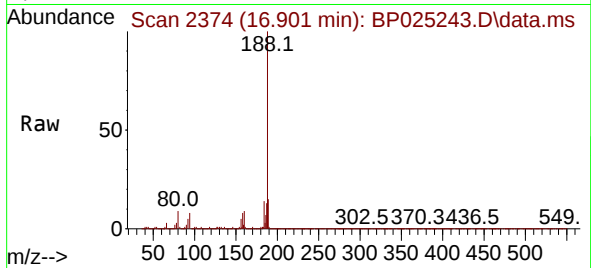




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

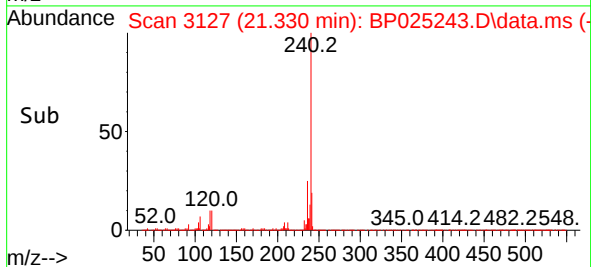
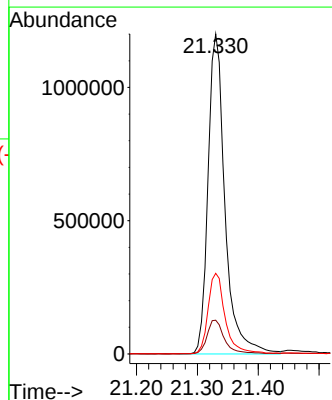
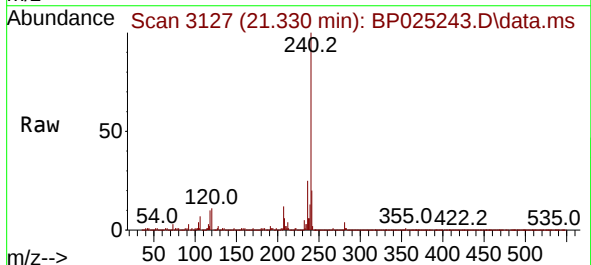
Instrument :
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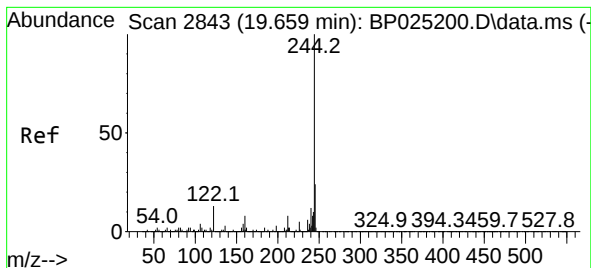
Tgt Ion:188 Resp: 2259814
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BP025243.D
Acq: 24 Jul 2025 15:27

Tgt Ion:240 Resp: 2324570
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 9.983 ng

RT: 19.660 min Scan# 21

Delta R.T. 0.001 min

Lab File: BP025243.D

Acq: 24 Jul 2025 15:27

Instrument :

BNA_P

ClientSampleId :

CC0627-BL

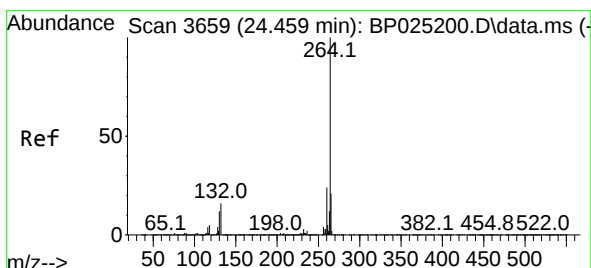
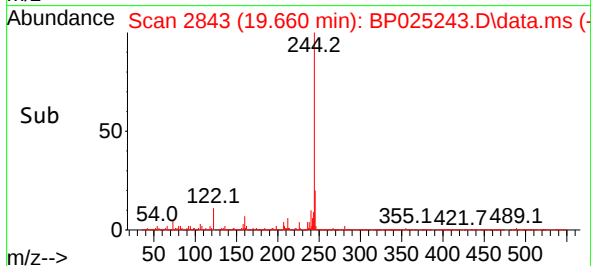
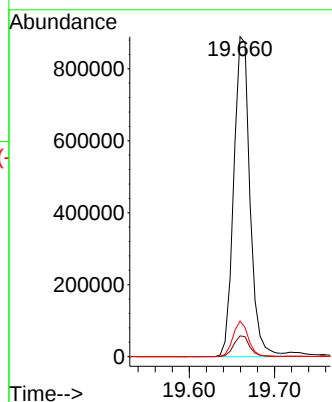
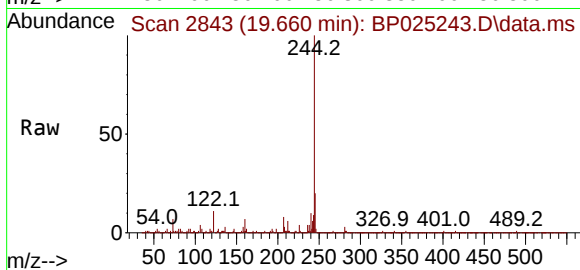
Tgt Ion:244 Resp: 1175554

Ion Ratio Lower Upper

244 100

212 6.5 6.6 9.8#

122 11.1 10.3 15.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.465 min Scan# 3660

Delta R.T. 0.006 min

Lab File: BP025243.D

Acq: 24 Jul 2025 15:27

Tgt Ion:264 Resp: 1651308

Ion Ratio Lower Upper

264 100

260 25.0 19.0 28.6

265 22.5 17.5 26.3

