

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
 Data File : BP024958.D
 Acq On : 16 Jun 2025 12:55
 Operator : RC/JU
 Sample : PB168456BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168456BL

Quant Time: Jun 16 13:50:26 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	7.607	152	325815	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1221526	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	737769	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1294055	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1084530	20.000	ng	0.00
86) Perylene-d12	24.747	264	1309880	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2881068	147.602	ng	0.00
7) Phenol-d6	6.819	99	3475271	134.565	ng	0.00
23) Nitrobenzene-d5	8.760	82	2160111	85.931	ng	0.00
42) 2,4,6-Tribromophenol	15.777	330	1356504	132.990	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	4535780	82.821	ng	0.00
79) Terphenyl-d14	19.783	244	5491241	90.746	ng	-0.01

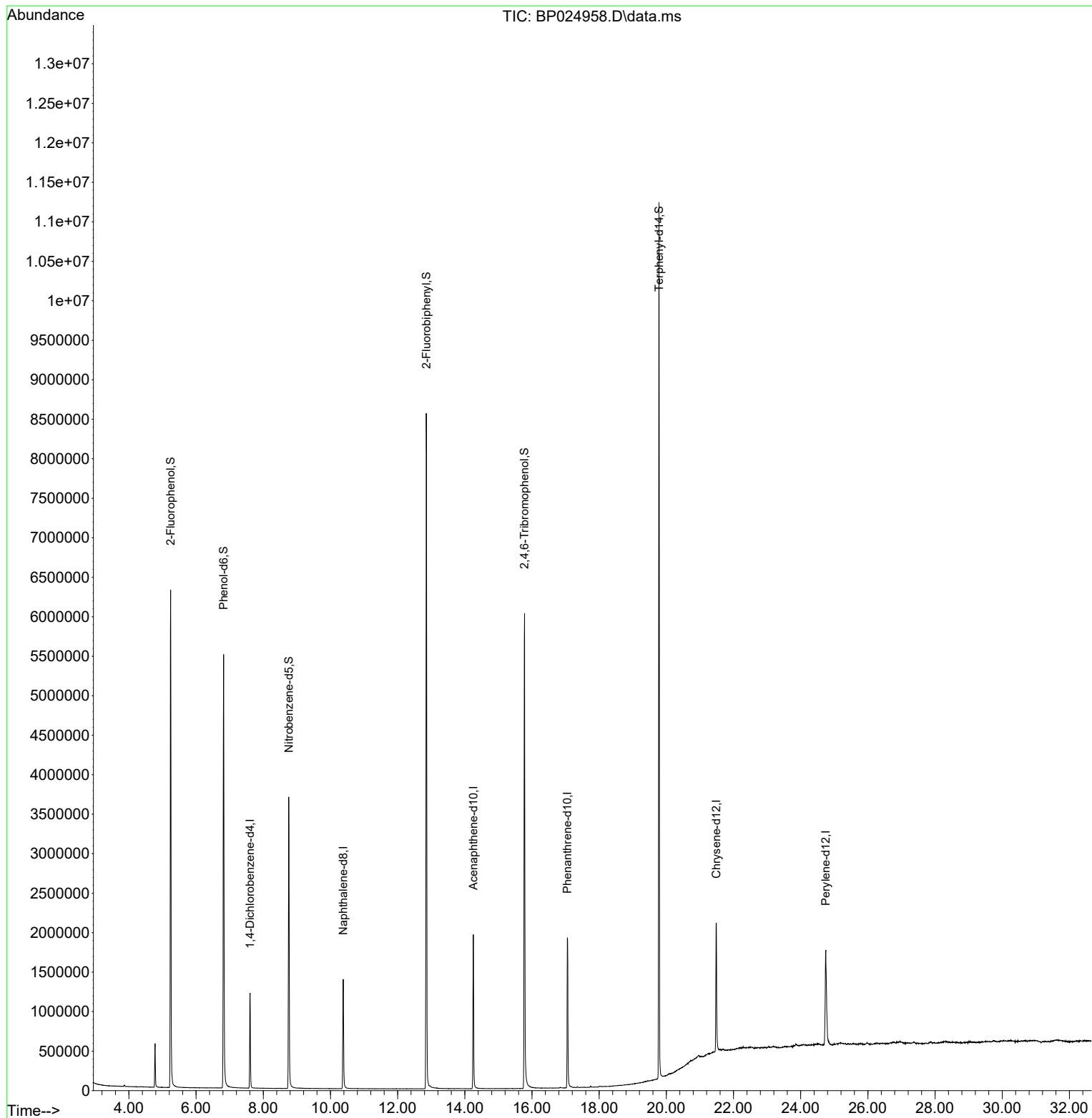
Target Compounds	Qvalue

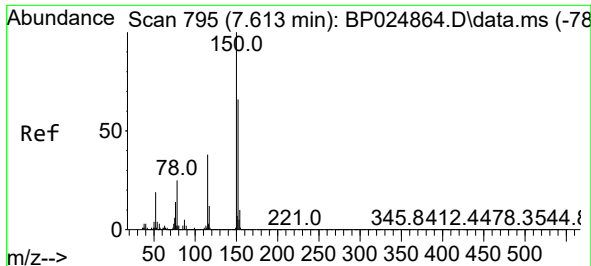
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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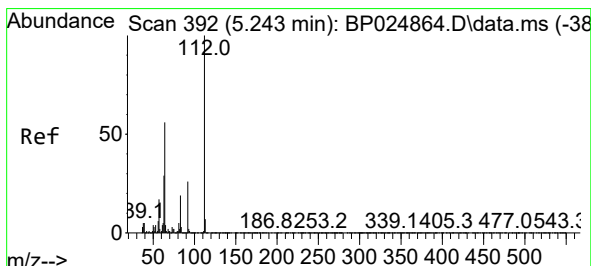
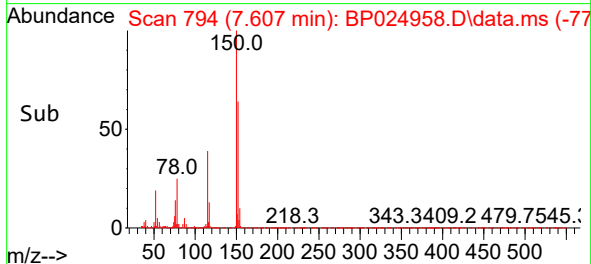
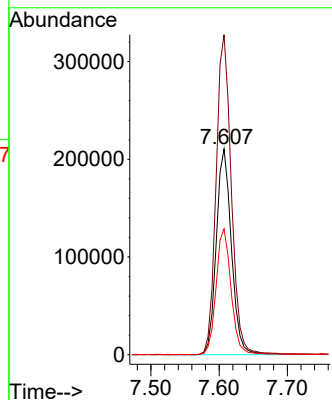
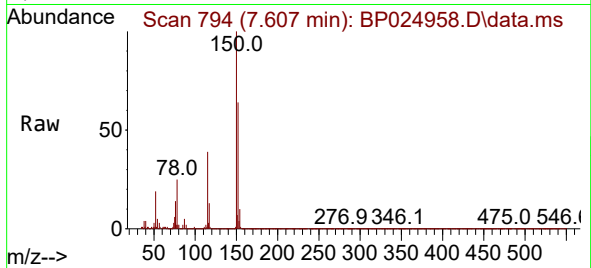




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP024958.D
Acq: 16 Jun 2025 12:55

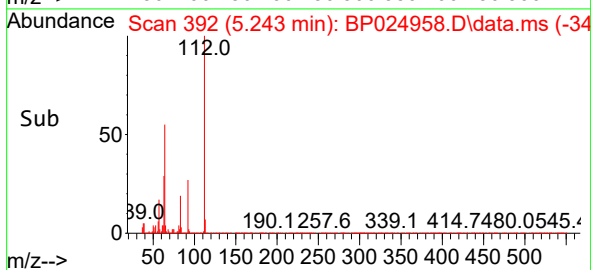
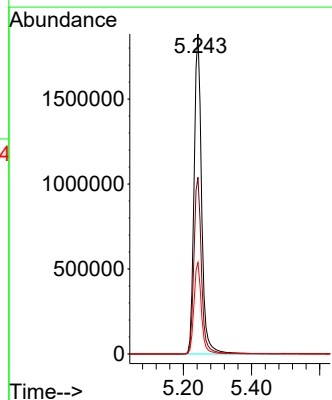
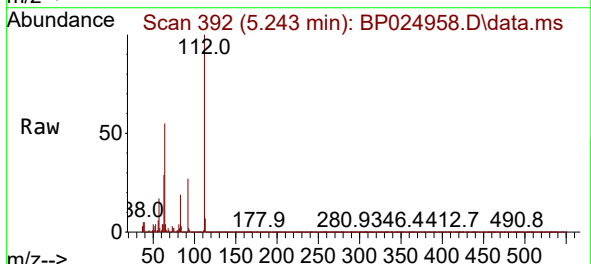
Instrument :
BNA_P
ClientSampleId :
PB168456BL

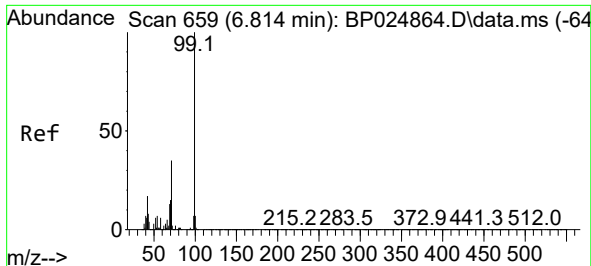
Tgt Ion:152 Resp: 325815
Ion Ratio Lower Upper
152 100
150 155.6 122.1 183.1
115 61.2 46.4 69.6



#5
2-Fluorophenol
Concen: 147.602 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024958.D
Acq: 16 Jun 2025 12:55

Tgt Ion:112 Resp: 2881068
Ion Ratio Lower Upper
112 100
64 55.2 44.7 67.1
63 28.6 23.5 35.3



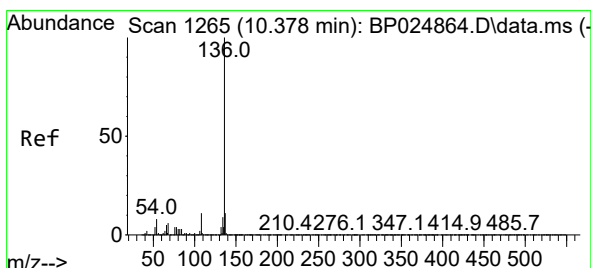
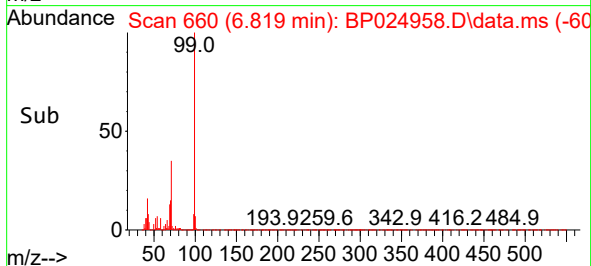
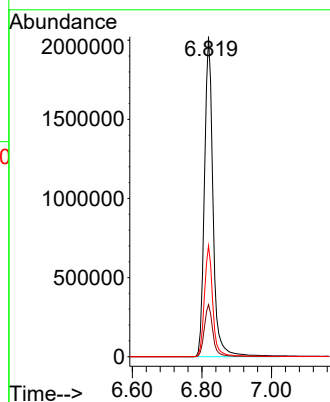
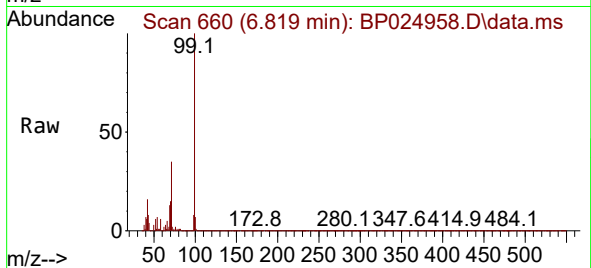


#7
Phenol-d6
Concen: 134.565 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.005 min
Lab File: BP024958.D
Acq: 16 Jun 2025 12:55

Instrument :
BNA_P
ClientSampleId :
PB168456BL

Tgt Ion: 99 Resp: 3475271

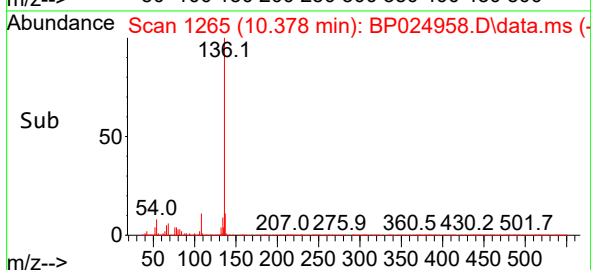
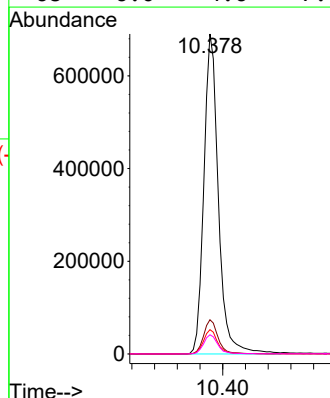
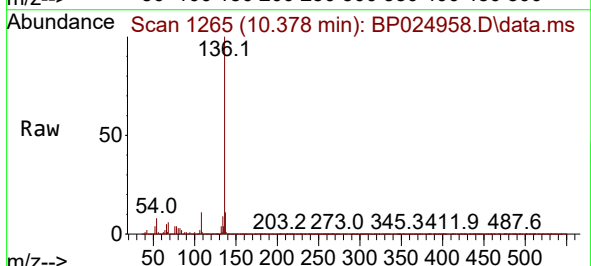
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.2
71	34.6	27.6	41.4

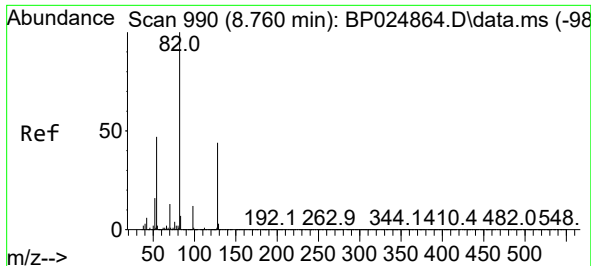


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024958.D
Acq: 16 Jun 2025 12:55

Tgt Ion: 136 Resp: 1221526

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.6	6.1	9.1
68	6.0	4.6	7.0

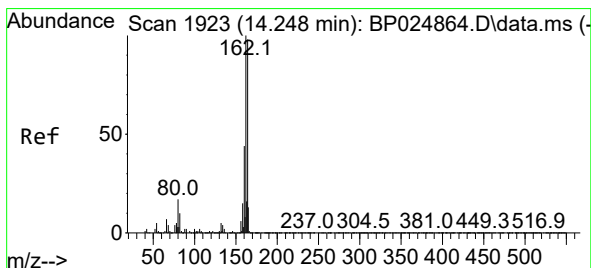
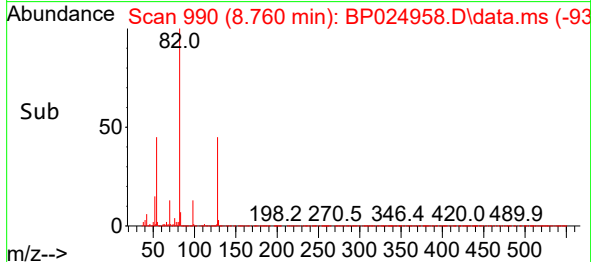
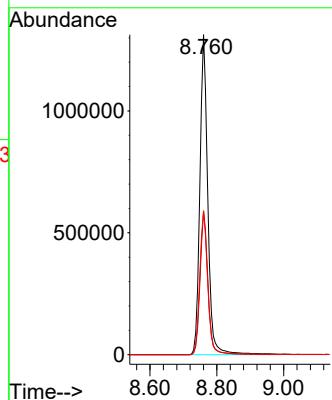
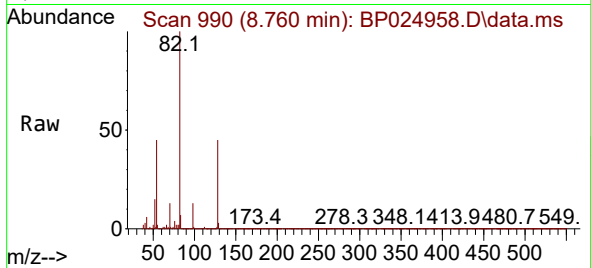




#23
Nitrobenzene-d5
Concen: 85.931 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024958.D
Acq: 16 Jun 2025 12:55

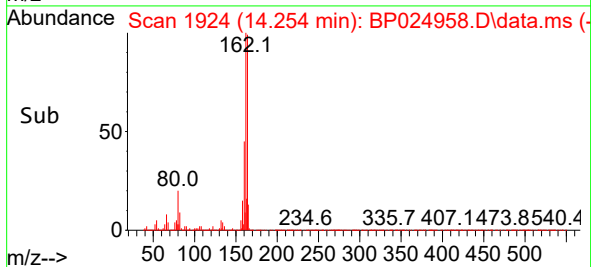
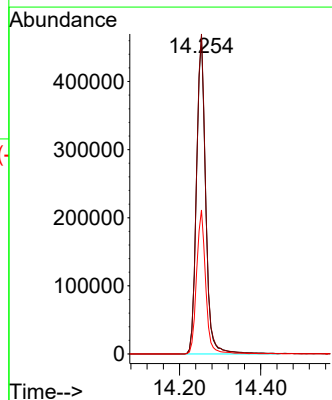
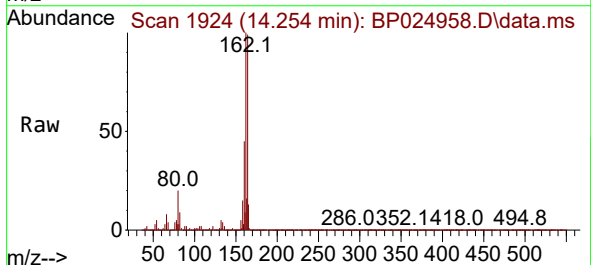
Instrument :
BNA_P
ClientSampleId :
PB168456BL

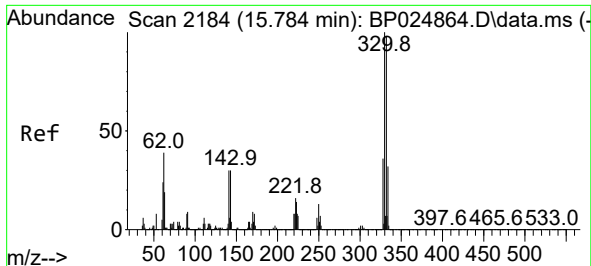
Tgt Ion: 82 Resp: 2160111
Ion Ratio Lower Upper
82 100
128 45.0 35.3 52.9
54 44.9 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.005 min
Lab File: BP024958.D
Acq: 16 Jun 2025 12:55

Tgt Ion:164 Resp: 737769
Ion Ratio Lower Upper
164 100
162 100.7 81.6 122.4
160 45.3 36.2 54.2

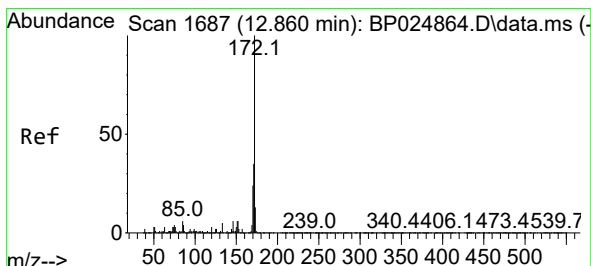
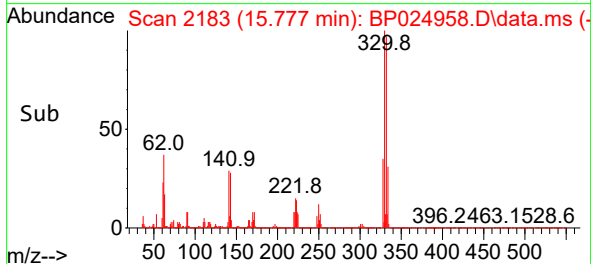
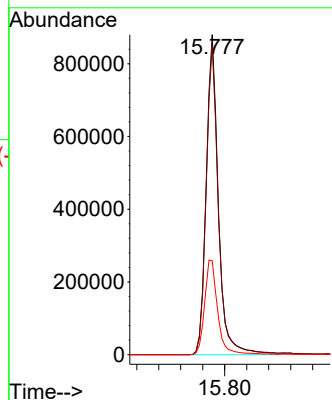
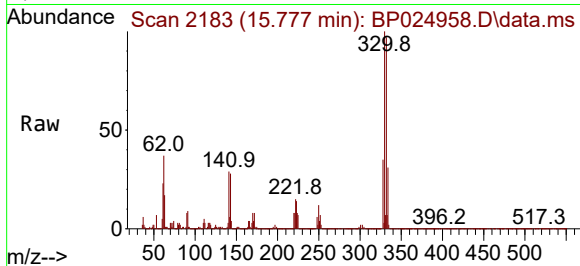




#42
2,4,6-Tribromophenol
Concen: 132.990 ng
RT: 15.777 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP024958.D
Acq: 16 Jun 2025 12:55

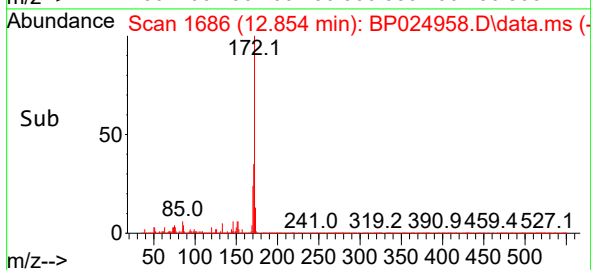
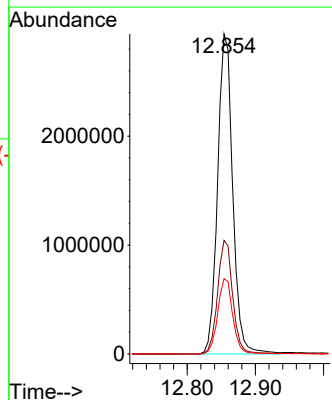
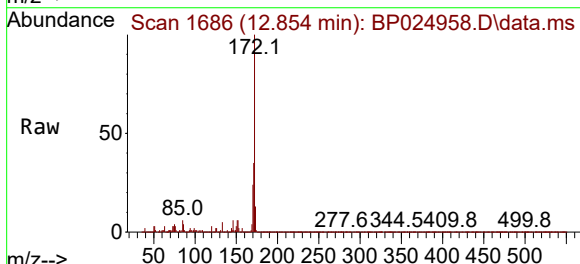
Instrument :
BNA_P
ClientSampleId :
PB168456BL

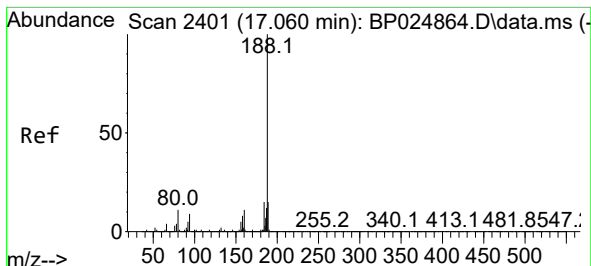
Tgt Ion:330 Resp: 1356504
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 32.2 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 82.821 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024958.D
Acq: 16 Jun 2025 12:55

Tgt Ion:172 Resp: 4535780
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.5 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: BP024958.D

Acq: 16 Jun 2025 12:55

Instrument :

BNA_P

ClientSampleId :

PB168456BL

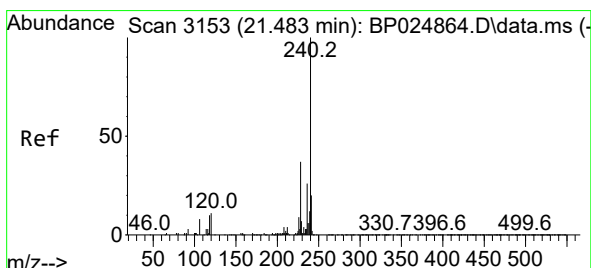
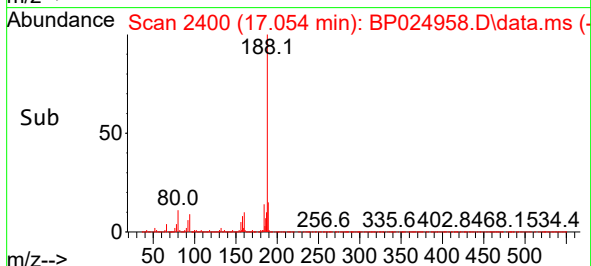
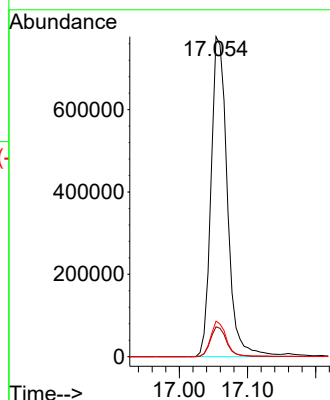
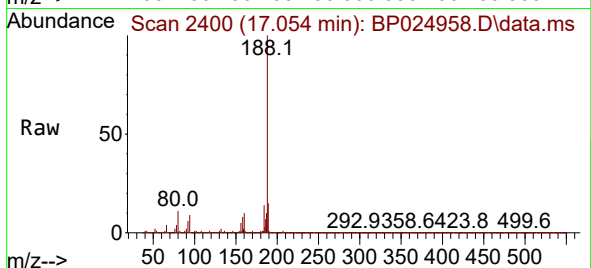
Tgt Ion:188 Resp: 1294055

Ion Ratio Lower Upper

188 100

94 9.3 7.3 10.9

80 11.1 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.489 min Scan# 3154

Delta R.T. 0.005 min

Lab File: BP024958.D

Acq: 16 Jun 2025 12:55

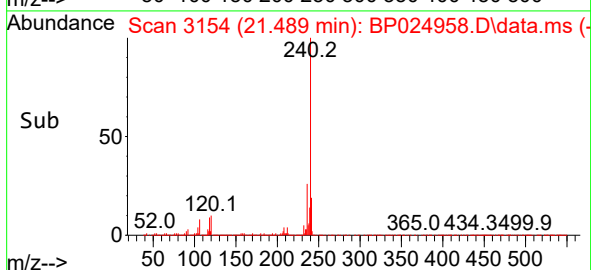
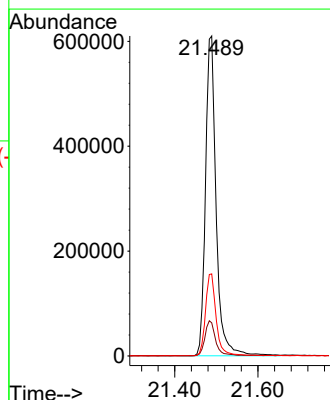
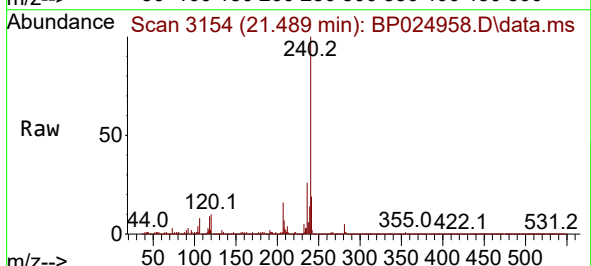
Tgt Ion:240 Resp: 1084530

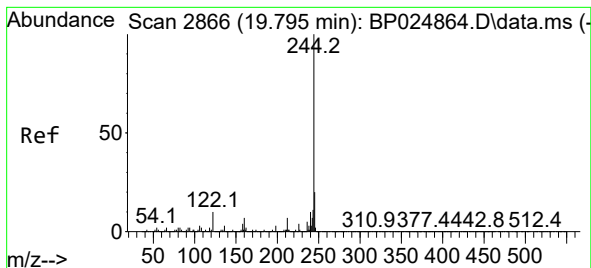
Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 90.746 ng

RT: 19.783 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024958.D

Acq: 16 Jun 2025 12:55

Instrument :

BNA_P

ClientSampleId :

PB168456BL

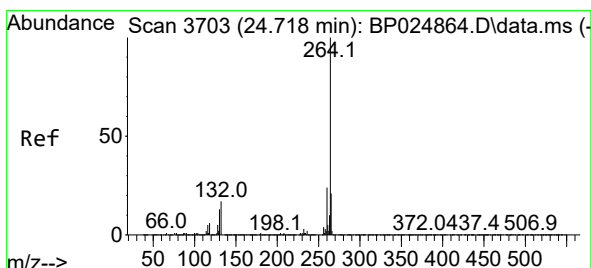
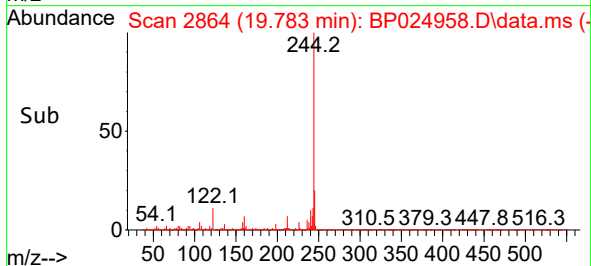
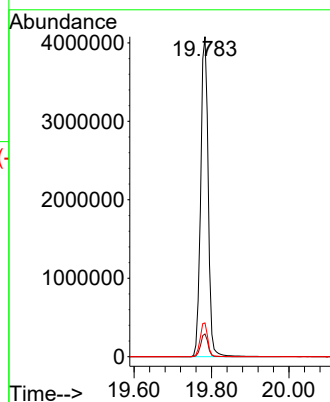
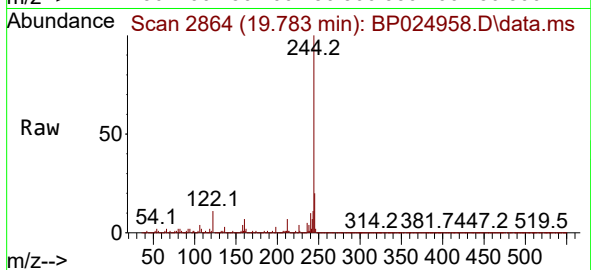
Tgt Ion:244 Resp: 5491241

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.6 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.747 min Scan# 3708

Delta R.T. 0.029 min

Lab File: BP024958.D

Acq: 16 Jun 2025 12:55

Tgt Ion:264 Resp: 1309880

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 22.3 17.4 26.0

