

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025083.D
 Acq On : 10 Jul 2025 14:48
 Operator : CG/JU
 Sample : PB168767BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168767BL

Quant Time: Jul 10 15:21:46 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	7.431	152	405320	20.000	ng	-0.01
21) Naphthalene-d8	10.178	136	1589648	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	1018802	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2249210	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2364655	20.000	ng	0.00
86) Perylene-d12	24.471	264	2401938	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	3342414	146.113	ng	0.00
7) Phenol-d6	6.625	99	4131401	138.395	ng	0.00
23) Nitrobenzene-d5	8.560	82	2380307	99.583	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1881408	156.322	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	6343431	96.457	ng	0.00
79) Terphenyl-d14	19.672	244	11306190	105.084	ng	0.00

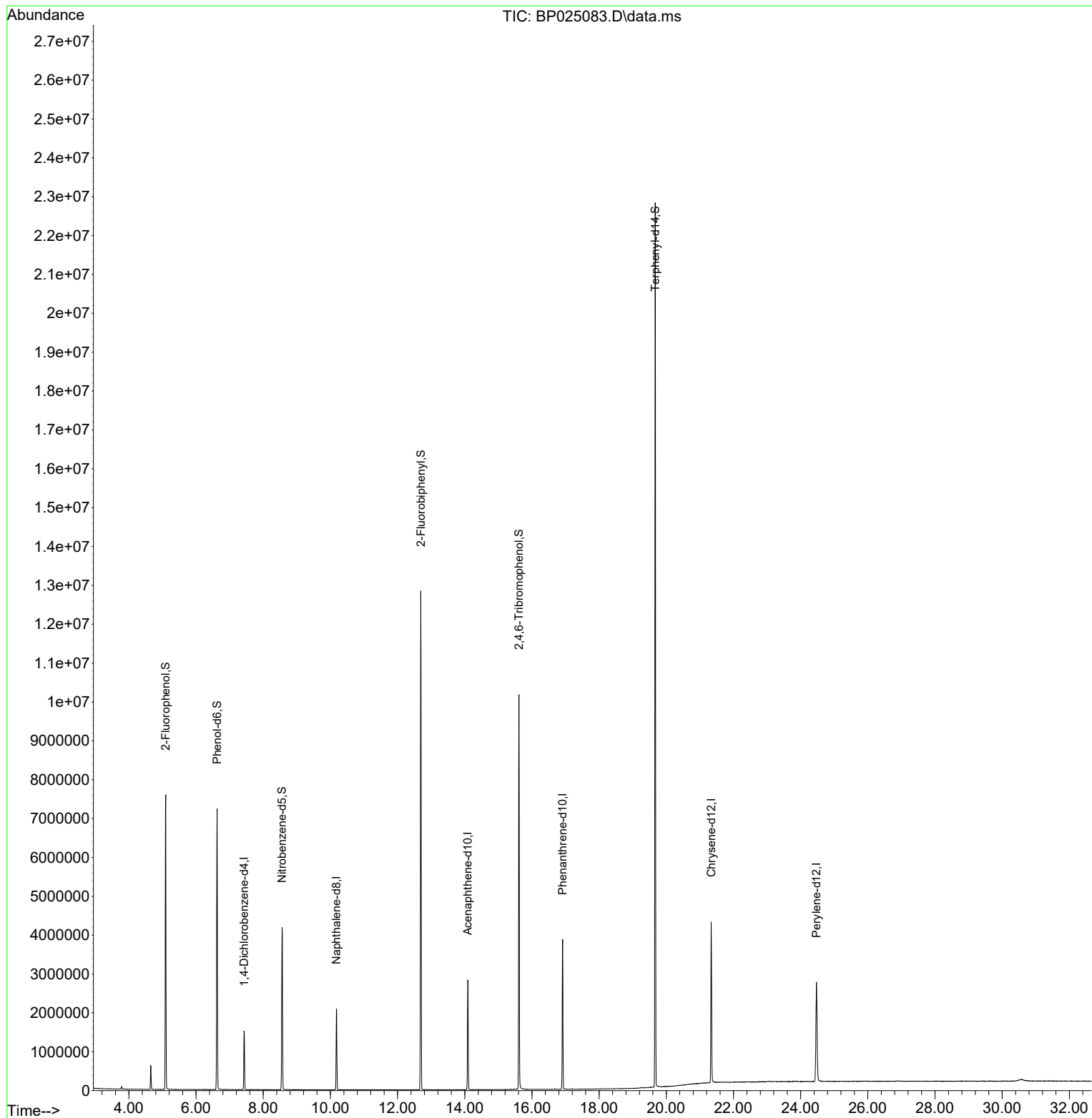
Target Compounds	Qvalue

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

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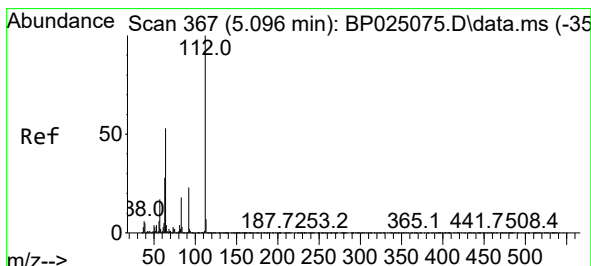
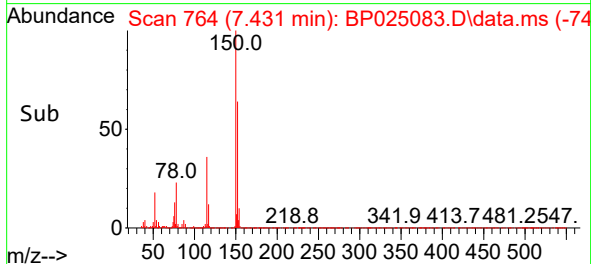
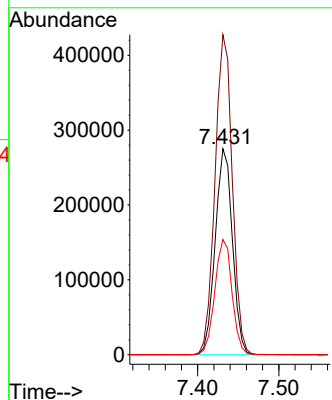
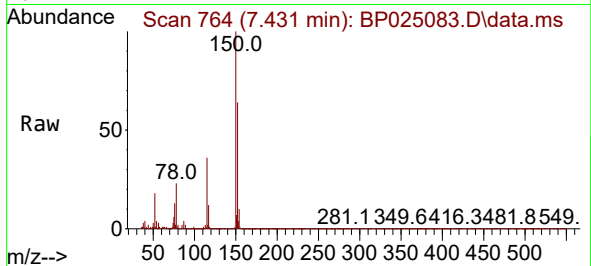




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 70
Delta R.T. -0.012 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

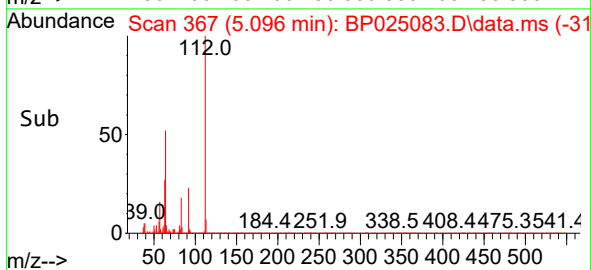
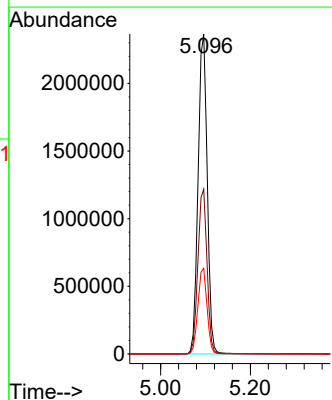
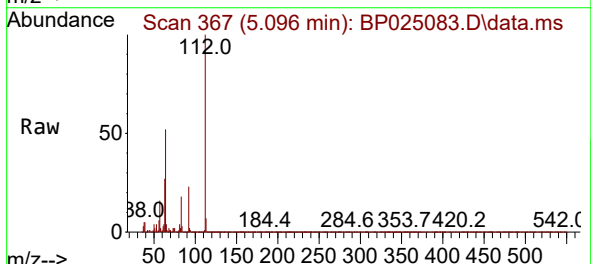
Instrument :
BNA_P
ClientSampleId :
PB168767BL

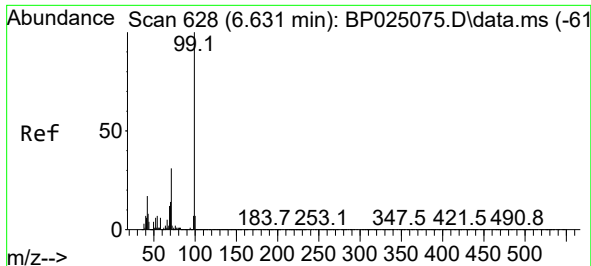
Tgt Ion:152 Resp: 405320
Ion Ratio Lower Upper
152 100
150 155.4 126.1 189.1
115 56.0 44.3 66.5



#5
2-Fluorophenol
Concen: 146.113 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion:112 Resp: 3342414
Ion Ratio Lower Upper
112 100
64 51.5 42.0 63.0
63 26.8 22.2 33.2

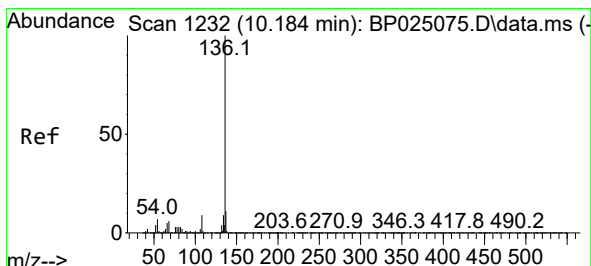
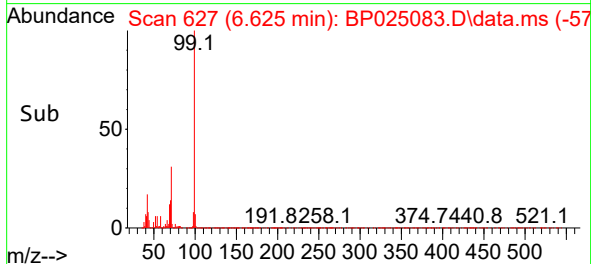
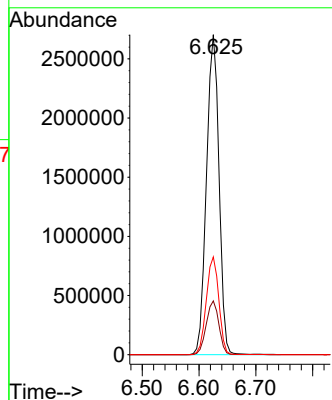
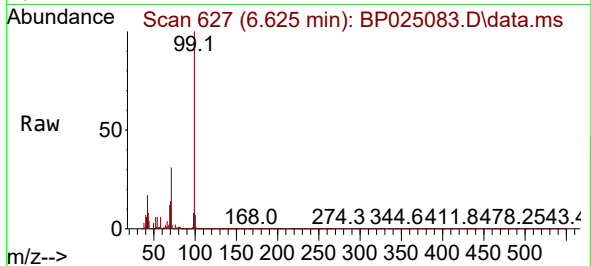




#7
Phenol-d6
Concen: 138.395 ng
RT: 6.625 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

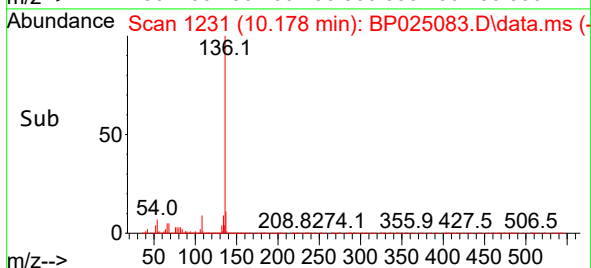
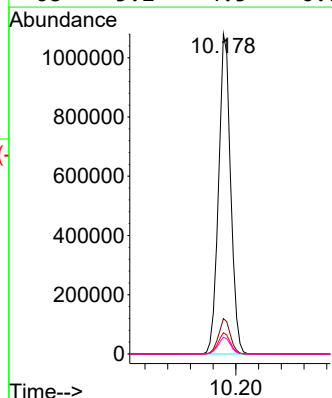
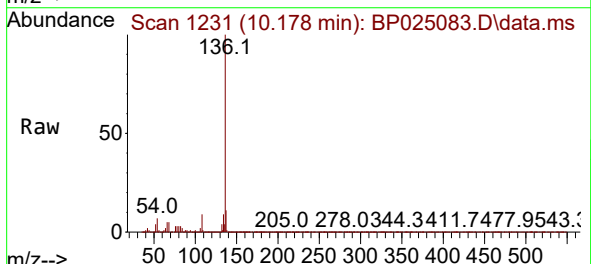
Instrument :
BNA_P
ClientSampleId :
PB168767BL

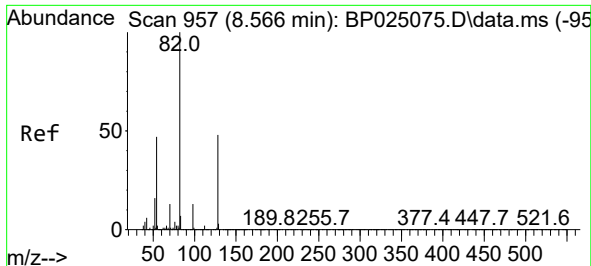
Tgt Ion: 99 Resp: 4131401
Ion Ratio Lower Upper
99 100
42 16.8 13.6 20.4
71 30.5 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion: 136 Resp: 1589648
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.6 5.4 8.2
68 5.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 99.583 ng

RT: 8.560 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025083.D

Acq: 10 Jul 2025 14:48

Instrument :

BNA_P

ClientSampleId :

PB168767BL

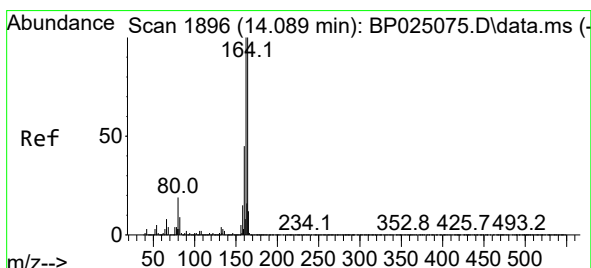
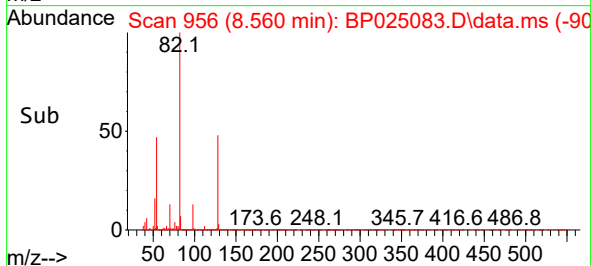
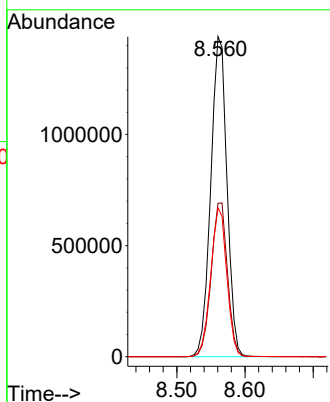
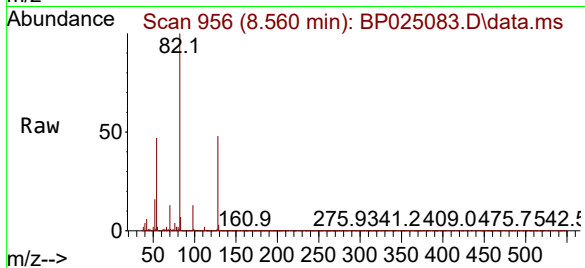
Tgt Ion: 82 Resp: 2380307

Ion Ratio Lower Upper

82 100

128 48.0 38.4 57.6

54 46.5 37.8 56.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.089 min Scan# 1896

Delta R.T. 0.000 min

Lab File: BP025083.D

Acq: 10 Jul 2025 14:48

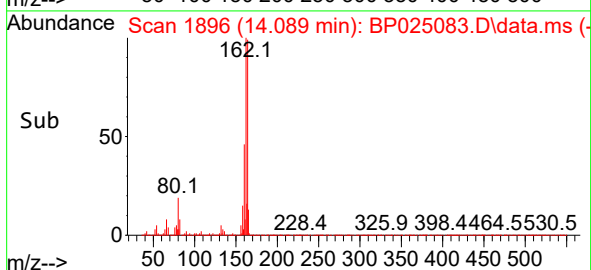
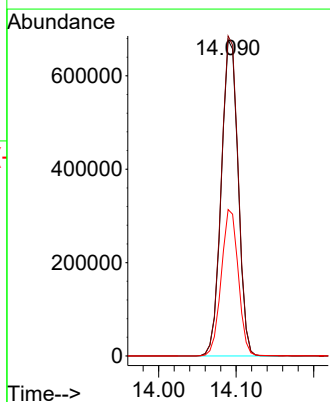
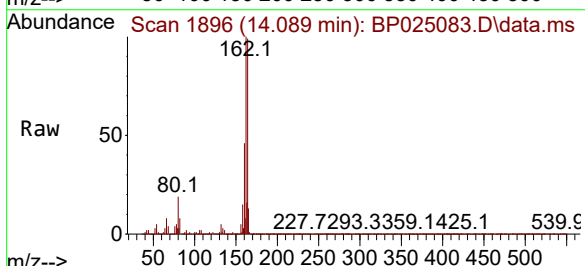
Tgt Ion:164 Resp: 1018802

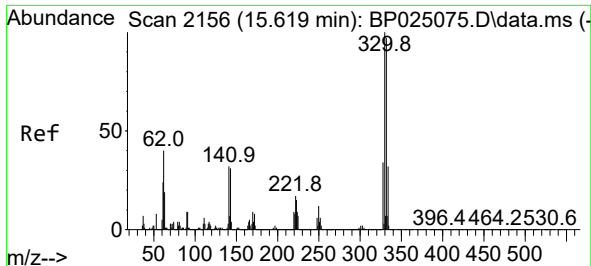
Ion Ratio Lower Upper

164 100

162 101.2 80.3 120.5

160 46.3 35.9 53.9

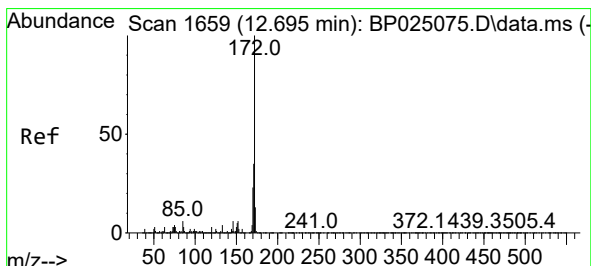
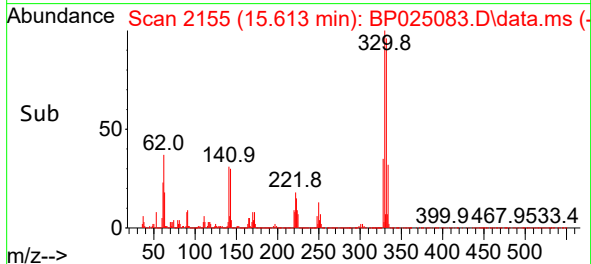
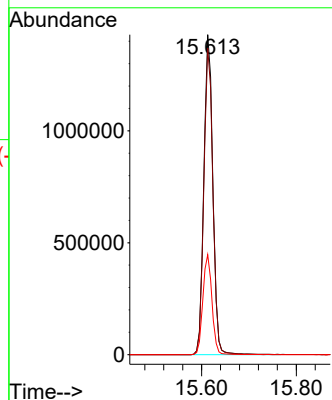
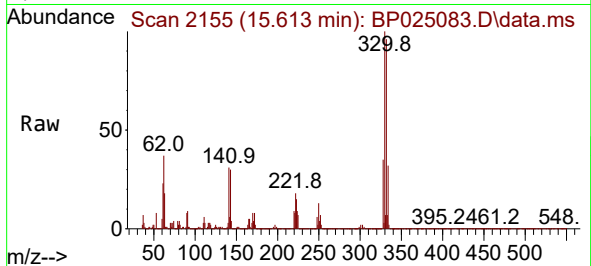




#42
2,4,6-Tribromophenol
Concen: 156.322 ng
RT: 15.613 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

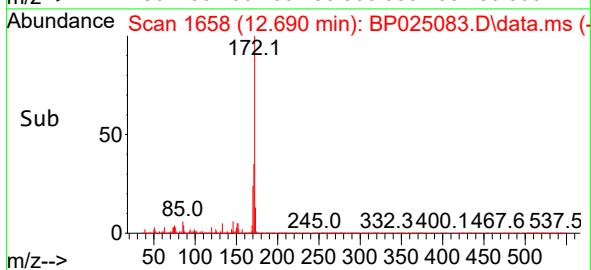
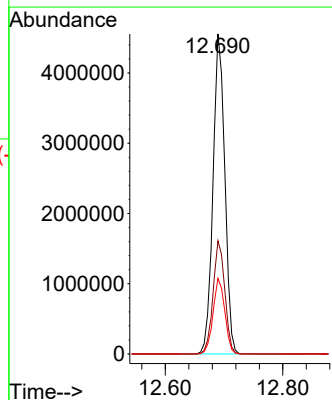
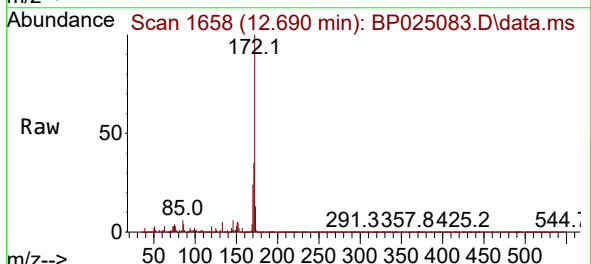
Instrument :
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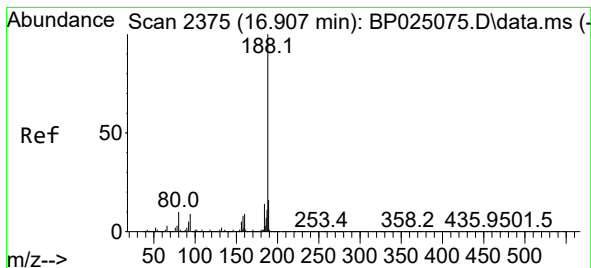
Tgt Ion:330 Resp: 1881408
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 31.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 96.457 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion:172 Resp: 6343431
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: 16.913 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025083.D

Acq: 10 Jul 2025 14:48

Instrument :

BNA_P

ClientSampleId :

PB168767BL

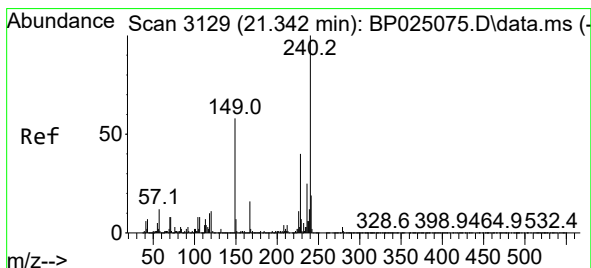
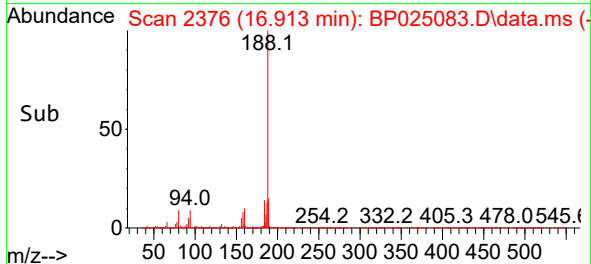
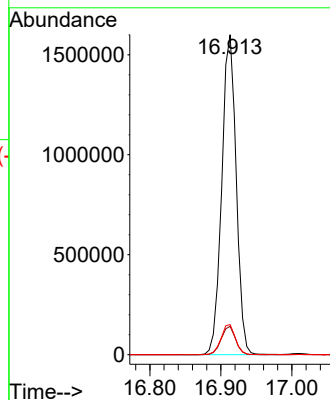
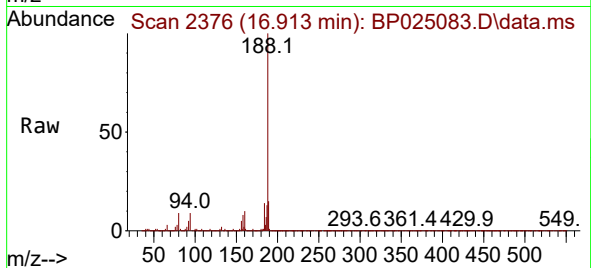
Tgt Ion:188 Resp: 2249210

Ion Ratio Lower Upper

188 100

94 8.9 7.3 10.9

80 9.4 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: BP025083.D

Acq: 10 Jul 2025 14:48

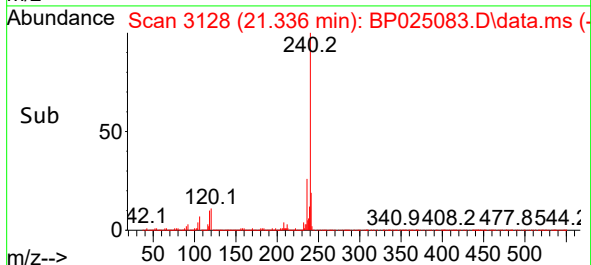
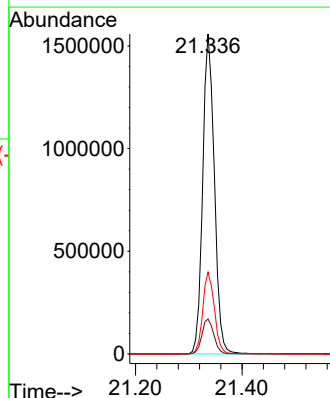
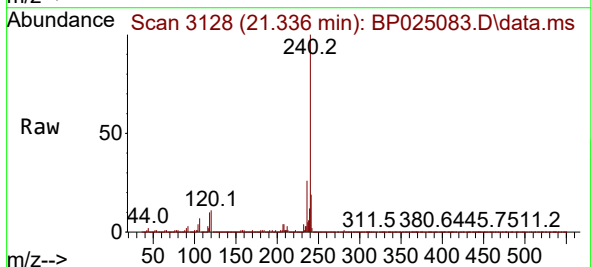
Tgt Ion:240 Resp: 2364655

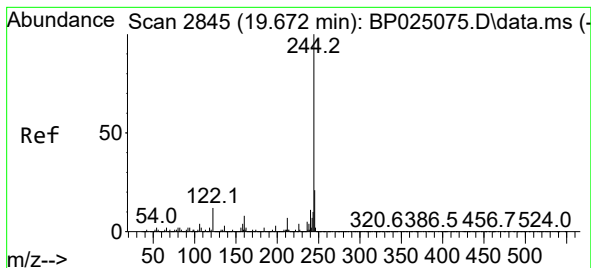
Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.4

236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 105.084 ng

RT: 19.672 min Scan# 2845

Delta R.T. 0.000 min

Lab File: BP025083.D

Acq: 10 Jul 2025 14:48

Instrument :

BNA_P

ClientSampleId :

PB168767BL

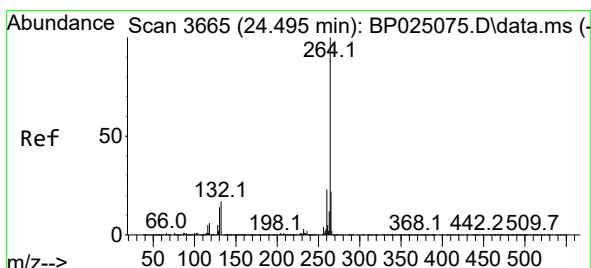
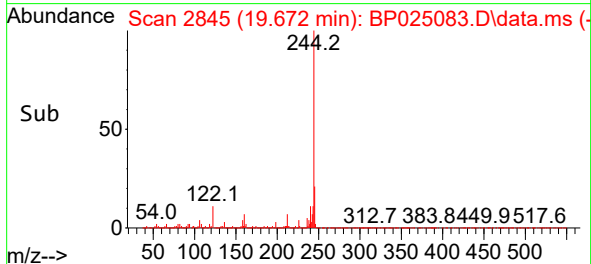
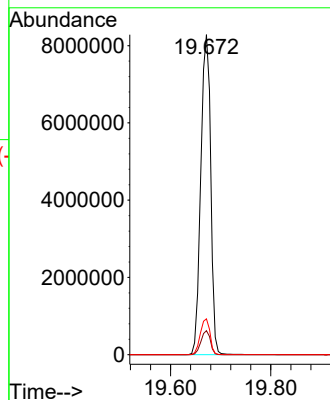
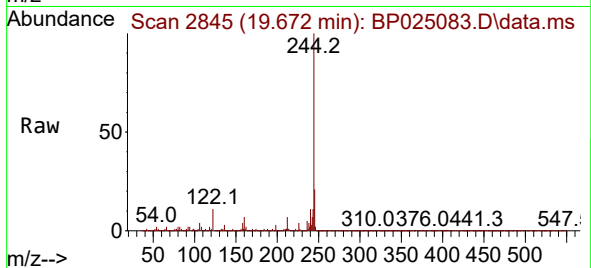
Tgt Ion:244 Resp:11306190

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 11.2 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.471 min Scan# 3661

Delta R.T. -0.023 min

Lab File: BP025083.D

Acq: 10 Jul 2025 14:48

Tgt Ion:264 Resp: 2401938

Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 22.0 17.7 26.5

