

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
 Data File : BP025205.D
 Acq On : 21 Jul 2025 21:58
 Operator : CG/JU
 Sample : PB168854BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168854BL

Quant Time: Jul 22 02:57:32 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	590752	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	2279879	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1413997	20.000	ng	0.00
64) Phenanthrene-d10	16.884	188	2967608	20.000	ng	-0.01
76) Chrysene-d12	21.330	240	3212025	20.000	ng	0.00
86) Perylene-d12	24.448	264	3675505	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	4131608	118.170	ng	0.00
7) Phenol-d6	6.637	99	4964367	114.642	ng	0.00
23) Nitrobenzene-d5	8.561	82	3051218	74.375	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	2588634	124.182	ng	-0.01
45) 2-Fluorobiphenyl	12.678	172	7842494	78.193	ng	0.00
79) Terphenyl-d14	19.660	244	12430814	76.397	ng	0.00

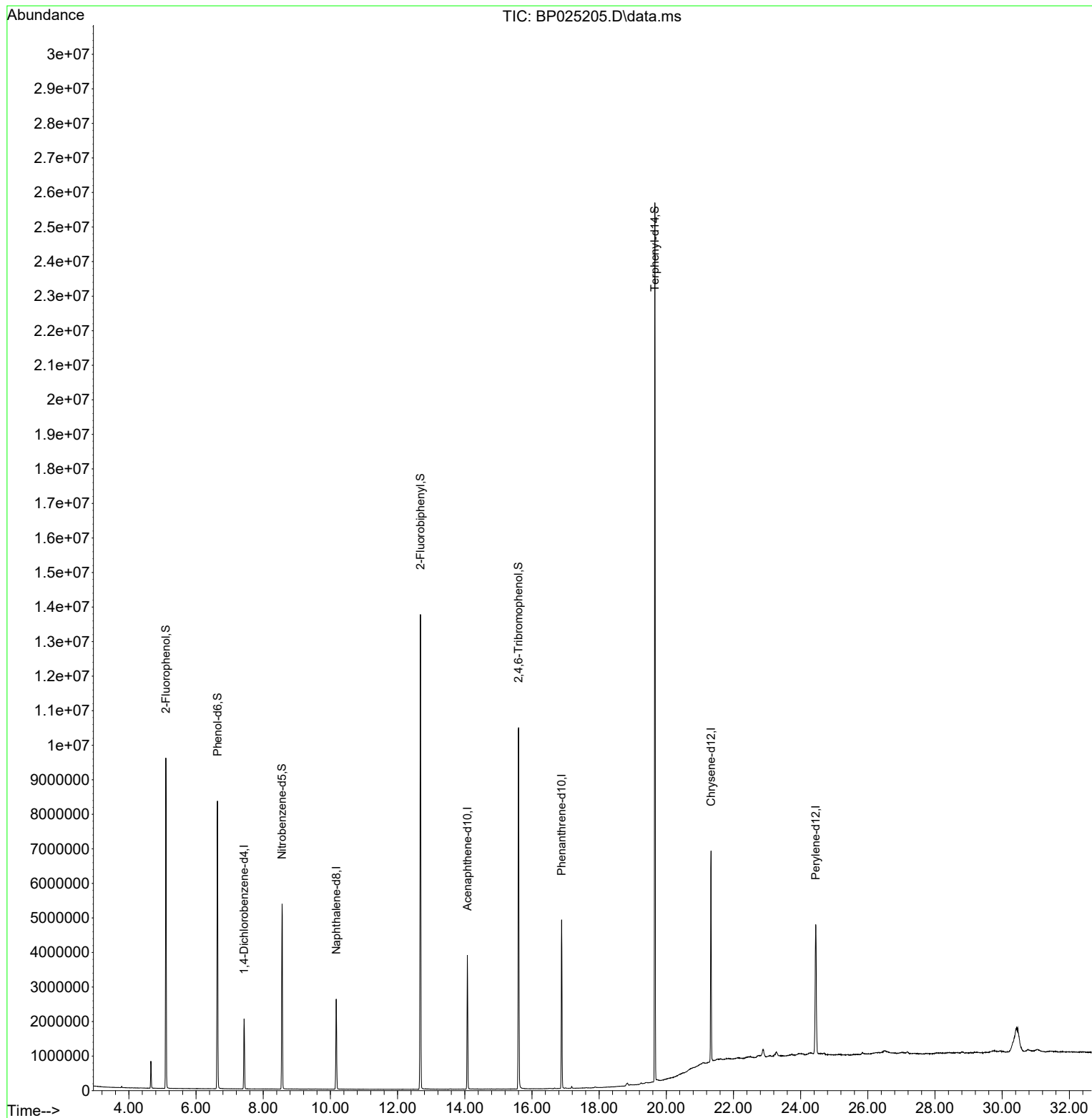
Target Compounds	Qvalue

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

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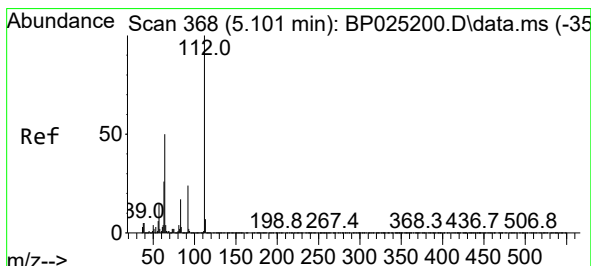
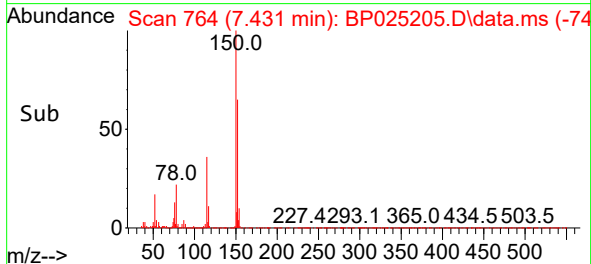
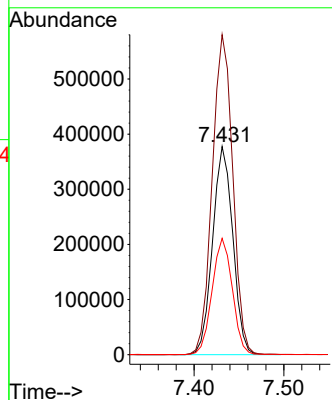
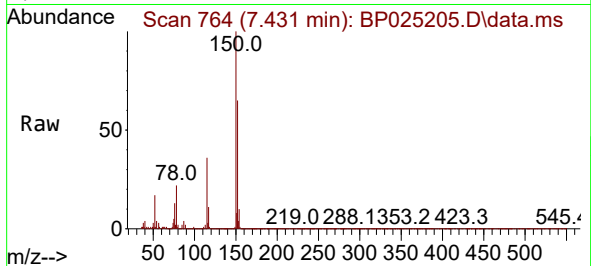




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 764
Delta R.T. 0.000 min
Lab File: BP025205.D
Acq: 21 Jul 2025 21:58

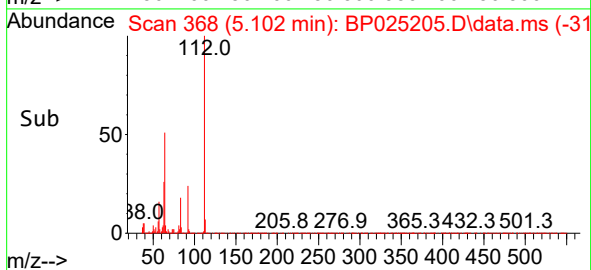
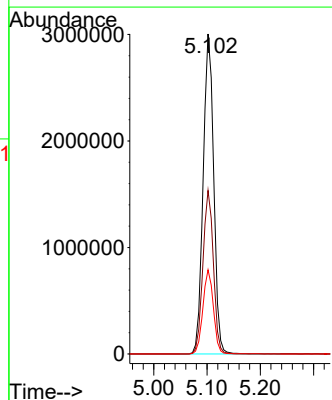
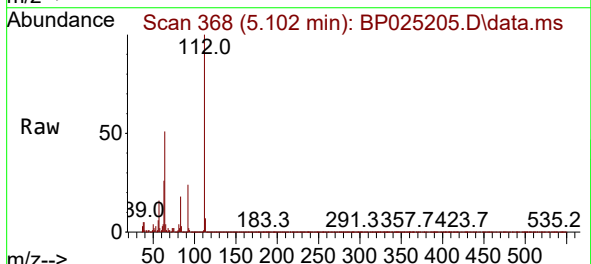
Instrument :
BNA_P
ClientSampleId :
PB168854BL

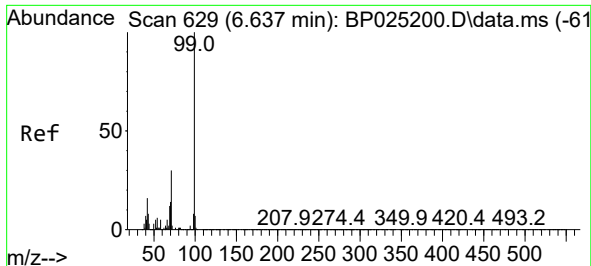
Tgt Ion:152 Resp: 590752
Ion Ratio Lower Upper
152 100
150 153.7 121.9 182.9
115 55.9 43.0 64.6



#5
2-Fluorophenol
Concen: 118.170 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.001 min
Lab File: BP025205.D
Acq: 21 Jul 2025 21:58

Tgt Ion:112 Resp: 4131608
Ion Ratio Lower Upper
112 100
64 51.1 39.8 59.6
63 26.3 20.5 30.7

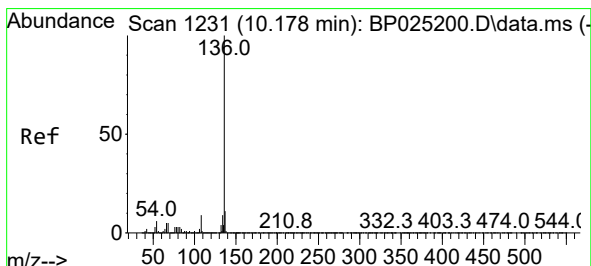
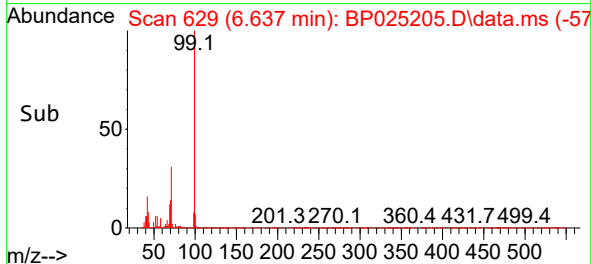
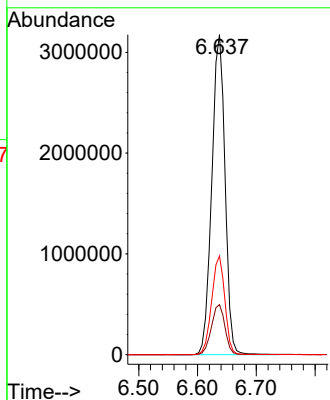
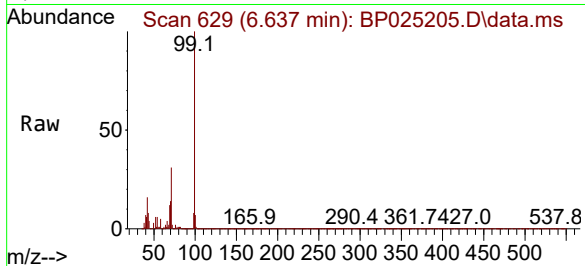




#7
Phenol-d6
Concen: 114.642 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.001 min
Lab File: BP025205.D
Acq: 21 Jul 2025 21:58

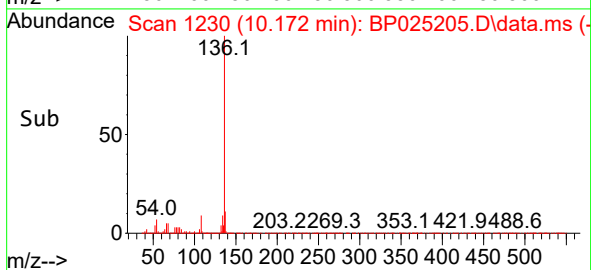
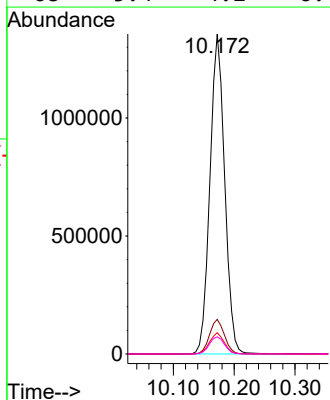
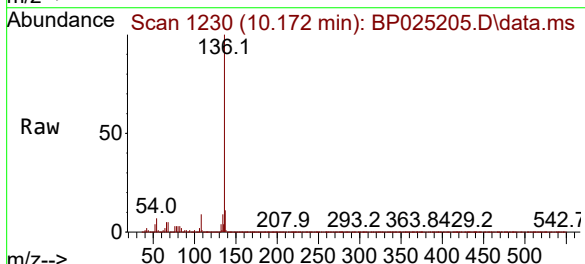
Instrument :
BNA_P
ClientSampleId :
PB168854BL

Tgt Ion: 99 Resp: 4964367
Ion Ratio Lower Upper
99 100
42 15.6 12.5 18.7
71 30.9 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.005 min
Lab File: BP025205.D
Acq: 21 Jul 2025 21:58

Tgt Ion: 136 Resp: 2279879
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.7 5.1 7.7
68 5.4 4.2 6.4

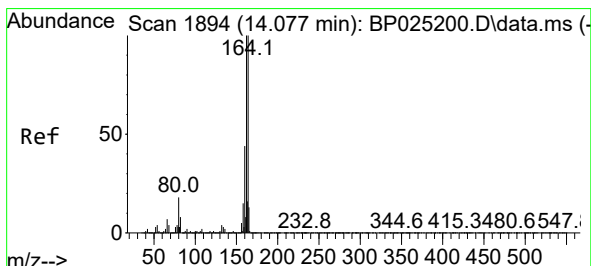
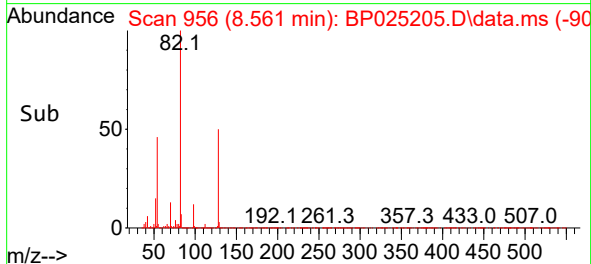
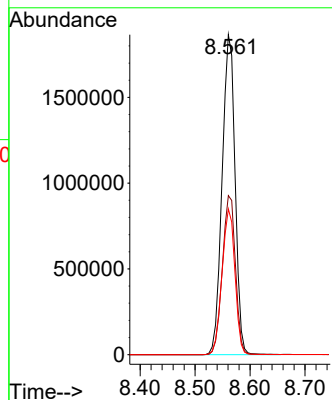
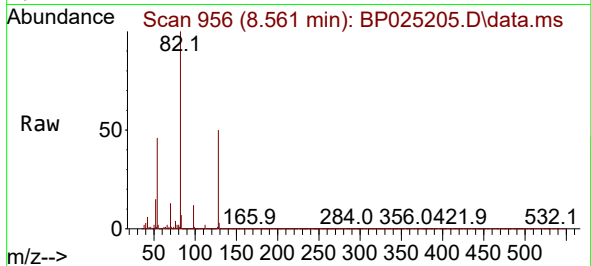




#23
Nitrobenzene-d5
Concen: 74.375 ng
RT: 8.561 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP025205.D
Acq: 21 Jul 2025 21:58

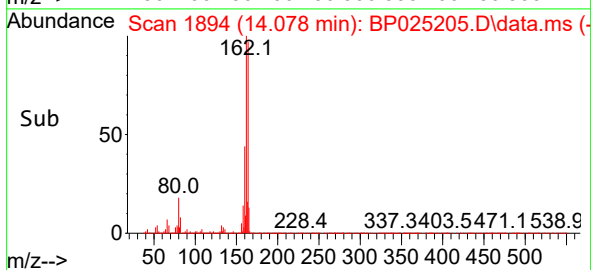
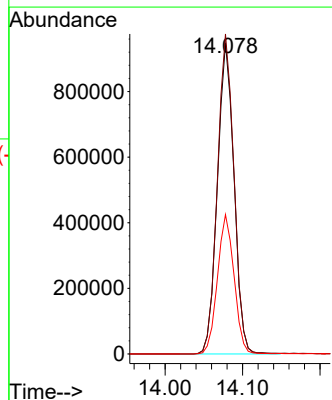
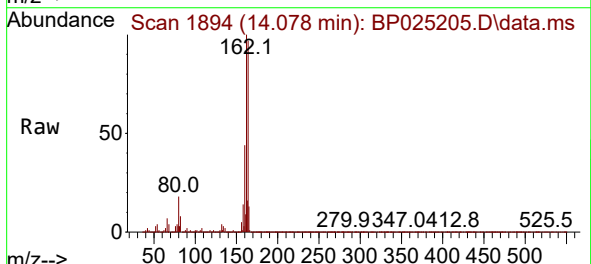
Instrument :
BNA_P
ClientSampleId :
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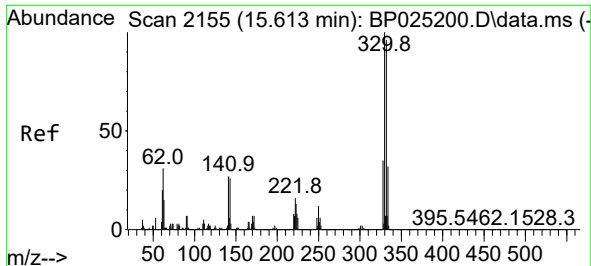
Tgt Ion: 82 Resp: 3051218
Ion Ratio Lower Upper
82 100
128 49.7 40.2 60.4
54 45.5 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.001 min
Lab File: BP025205.D
Acq: 21 Jul 2025 21:58

Tgt Ion: 164 Resp: 1413997
Ion Ratio Lower Upper
164 100
162 102.8 80.3 120.5
160 44.8 35.7 53.5

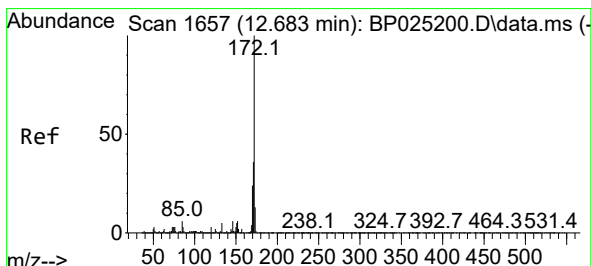
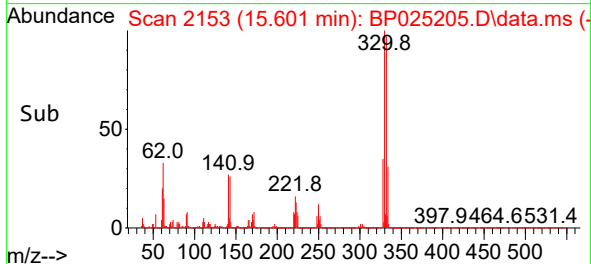
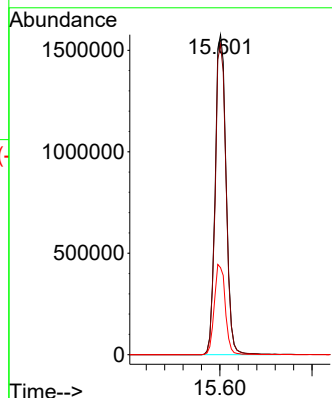
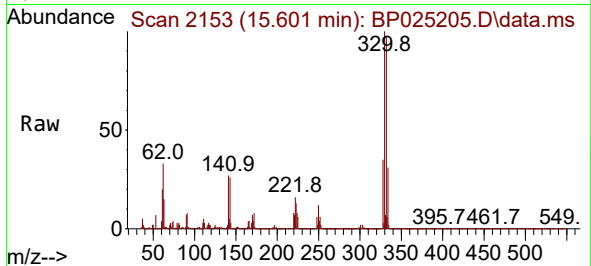




#42
2,4,6-Tribromophenol
Concen: 124.182 ng
RT: 15.601 min Scan# 2155
Delta R.T. -0.011 min
Lab File: BP025205.D
Acq: 21 Jul 2025 21:58

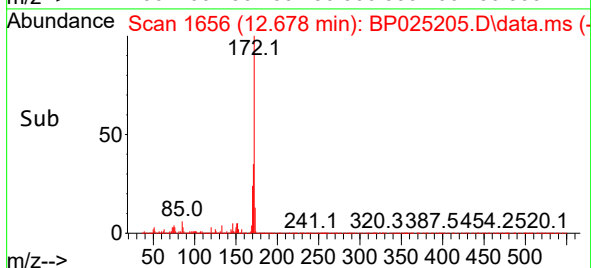
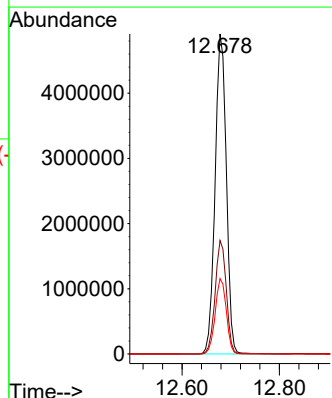
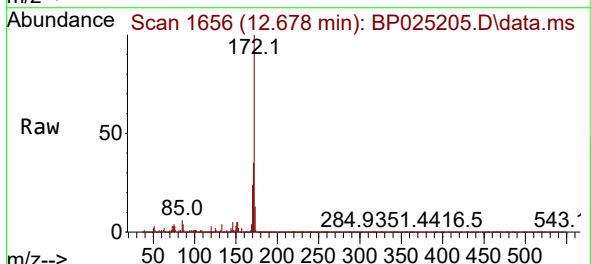
Instrument :
BNA_P
ClientSampleId :
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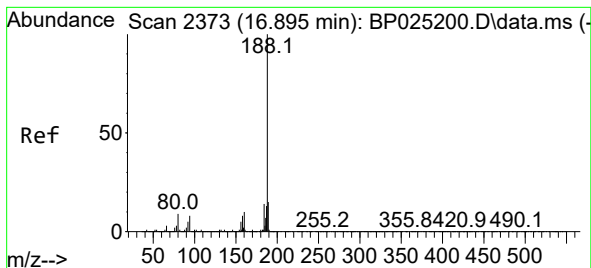
Tgt Ion:330 Resp: 2588634
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 28.4 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 78.193 ng
RT: 12.678 min Scan# 1656
Delta R.T. -0.005 min
Lab File: BP025205.D
Acq: 21 Jul 2025 21:58

Tgt Ion:172 Resp: 7842494
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.6 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.884 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP025205.D

Acq: 21 Jul 2025 21:58

Instrument :

BNA_P

ClientSampleId :

PB168854BL

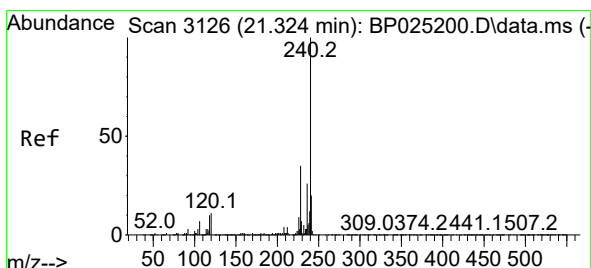
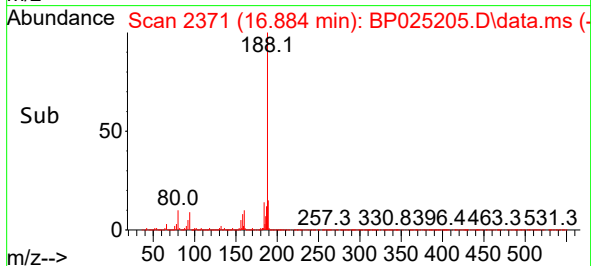
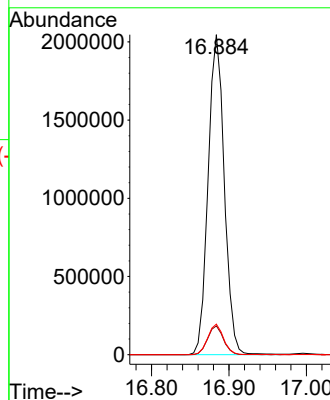
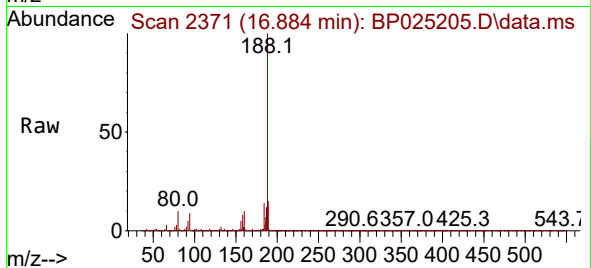
Tgt Ion:188 Resp: 2967608

Ion Ratio Lower Upper

188 100

94 9.0 6.8 10.2

80 9.6 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: BP025205.D

Acq: 21 Jul 2025 21:58

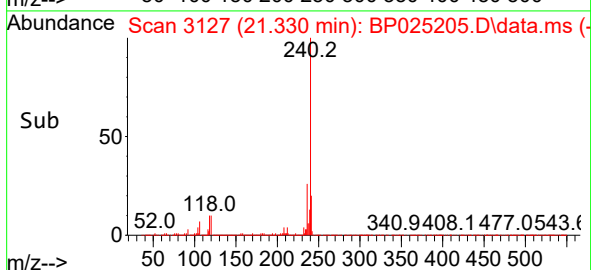
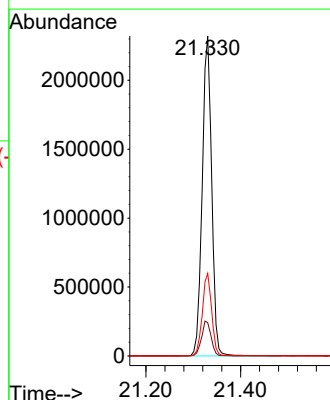
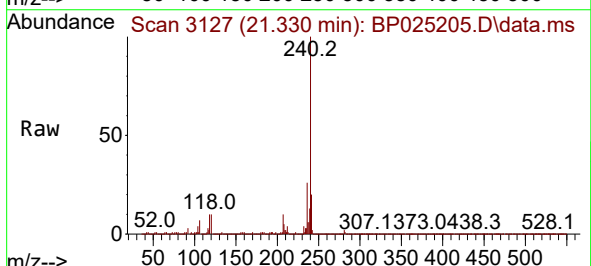
Tgt Ion:240 Resp: 3212025

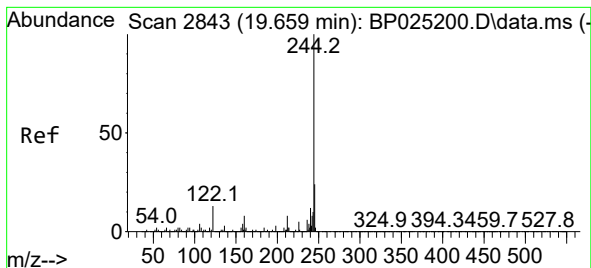
Ion Ratio Lower Upper

240 100

120 10.4 8.8 13.2

236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 76.397 ng

RT: 19.660 min Scan# 21

Delta R.T. 0.001 min

Lab File: BP025205.D

Acq: 21 Jul 2025 21:58

Instrument :

BNA_P

ClientSampleId :

PB168854BL

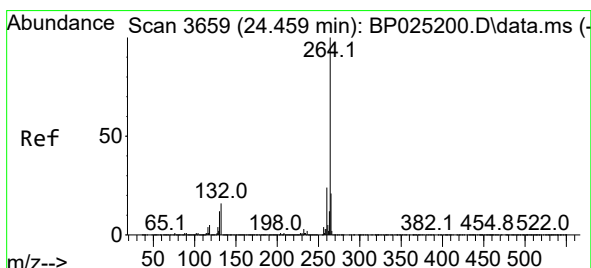
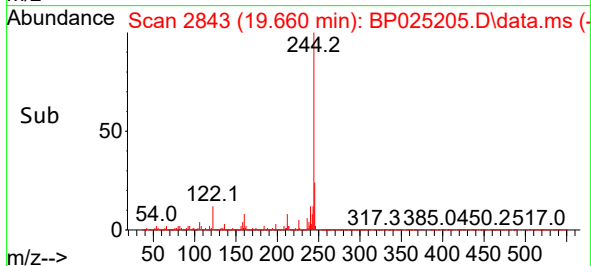
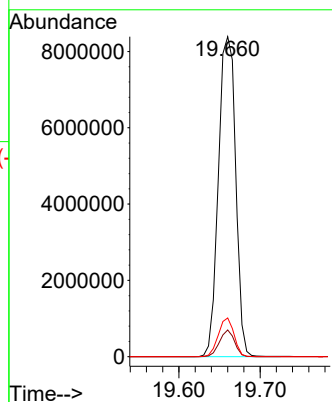
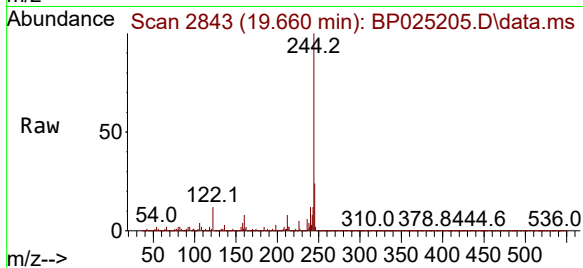
Tgt Ion:244 Resp:12430814

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

122 12.1 10.3 15.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.448 min Scan# 3657

Delta R.T. -0.011 min

Lab File: BP025205.D

Acq: 21 Jul 2025 21:58

Tgt Ion:264 Resp: 3675505

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.9 17.5 26.3

