

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
 Data File : BP025094.D
 Acq On : 10 Jul 2025 22:31
 Operator : CG/JU
 Sample : Q2526-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LAW-25-0102

Quant Time: Jul 11 02:33:26 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)

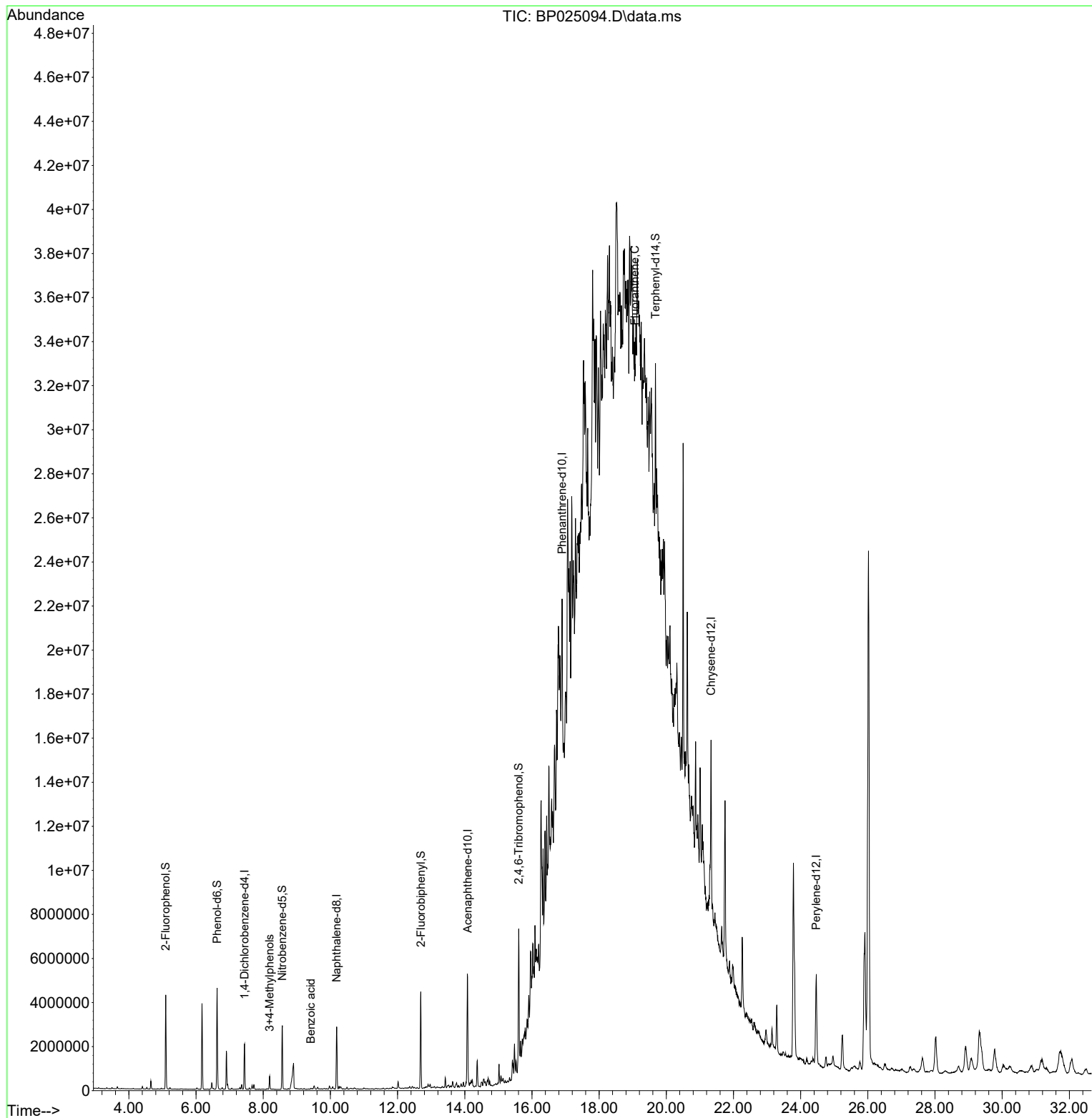
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	599678	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2535972	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1716436	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	3169042	20.000	ng	#-0.01
76) Chrysene-d12	21.330	240	3982008	20.000	ng	-0.01
86) Perylene-d12	24.466	264	4052241	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1989566	58.785	ng	0.00
7) Phenol-d6	6.625	99	2617325	59.260	ng	0.00
23) Nitrobenzene-d5	8.566	82	1528995	40.097	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1335373	65.857	ng	-0.01
45) 2-Fluorobiphenyl	12.690	172	2483678	22.416	ng	0.00
79) Terphenyl-d14	19.678	244	3759639	20.751	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	8.190	107	261876	6.467	ng	90
32) Benzoic acid	9.419	122	13725	6.654	ng	94
75) Fluoranthene	19.060	202	549132	2.774	ng	# 62

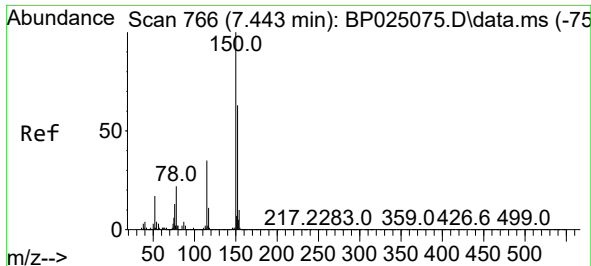
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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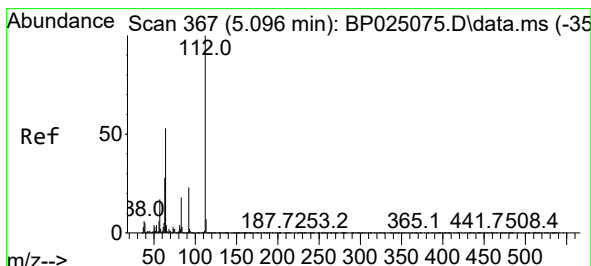
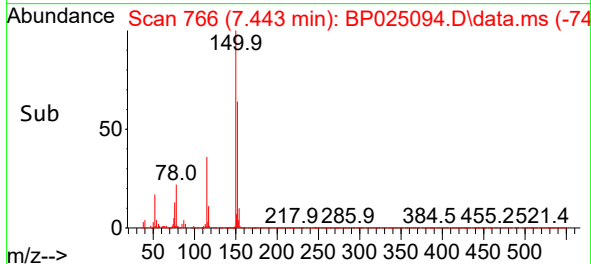
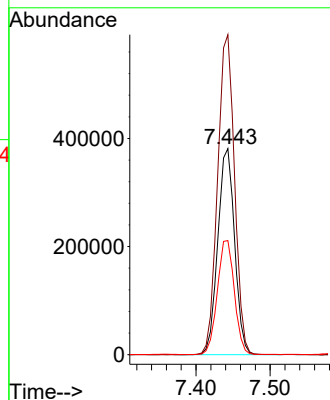
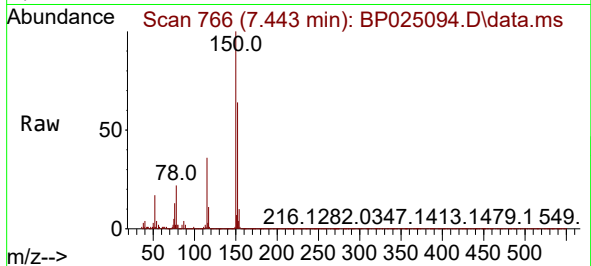




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.443 min Scan# 766
 Delta R.T. -0.000 min
 Lab File: BP025094.D
 Acq: 10 Jul 2025 22:31

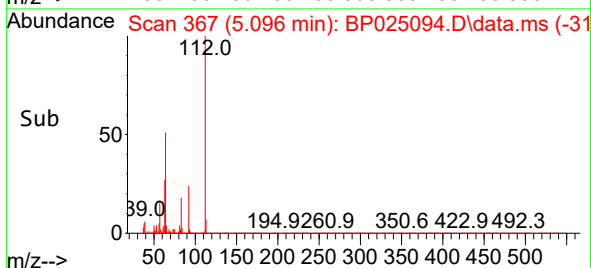
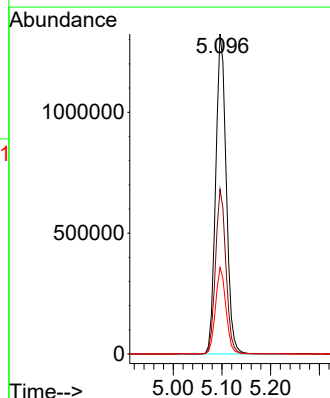
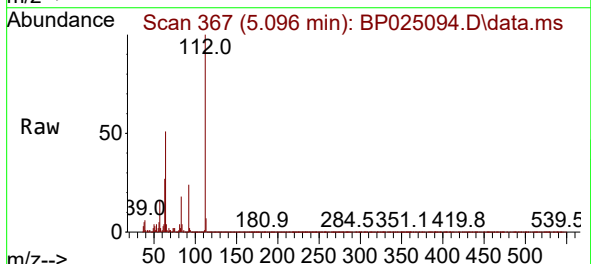
Instrument :
 BNA_P
 ClientSampleId :
 LAW-25-0102

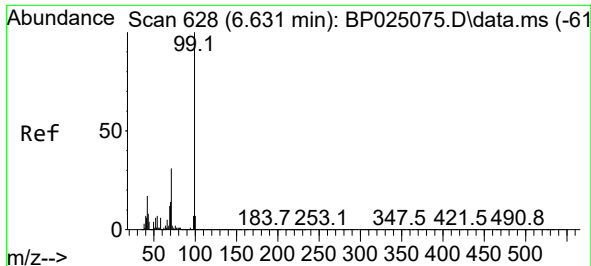
Tgt Ion:152 Resp: 599678
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.1 189.1
 115 55.4 44.3 66.5



#5
 2-Fluorophenol
 Concen: 58.785 ng
 RT: 5.096 min Scan# 367
 Delta R.T. 0.000 min
 Lab File: BP025094.D
 Acq: 10 Jul 2025 22:31

Tgt Ion:112 Resp: 1989566
 Ion Ratio Lower Upper
 112 100
 64 51.5 42.0 63.0
 63 27.0 22.2 33.2

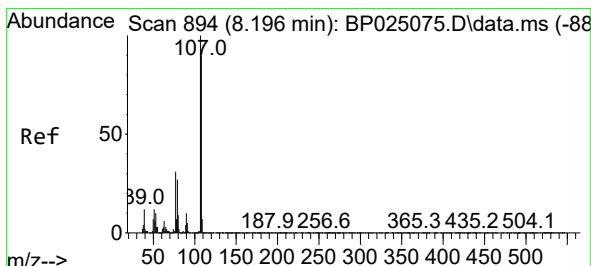
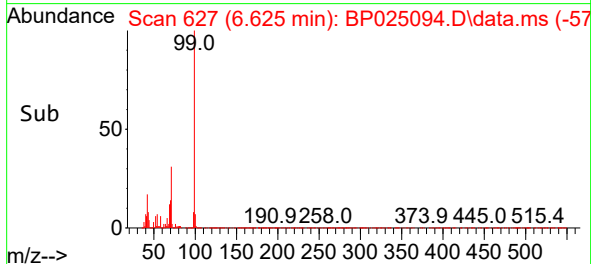
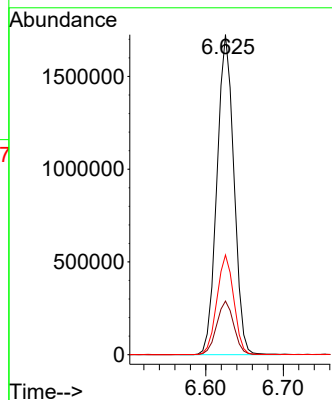
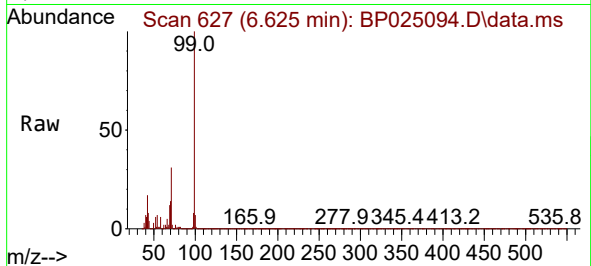




#7
Phenol-d6
Concen: 59.260 ng
RT: 6.625 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

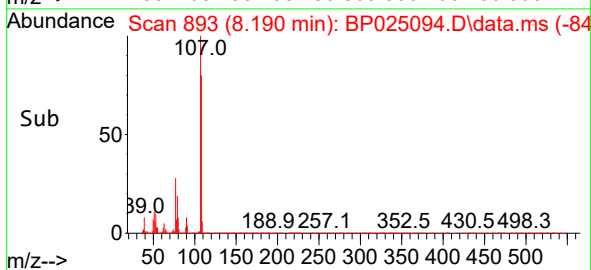
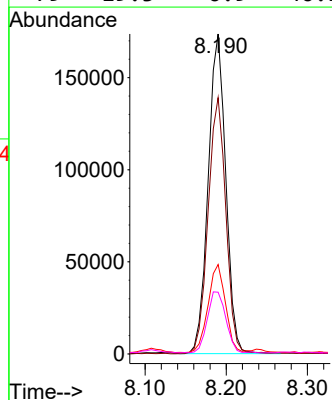
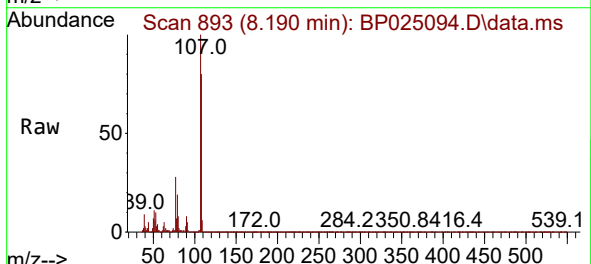
Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

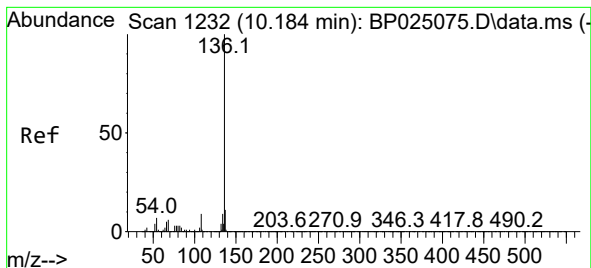
Tgt Ion: 99 Resp: 2617325
Ion Ratio Lower Upper
99 100
42 16.7 13.6 20.4
71 31.2 24.4 36.6



#20
3+4-Methylphenols
Concen: 6.467 ng
RT: 8.190 min Scan# 893
Delta R.T. -0.006 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion: 107 Resp: 261876
Ion Ratio Lower Upper
107 100
108 80.1 69.5 109.5
77 28.0 11.4 51.4
79 19.3 6.9 46.9

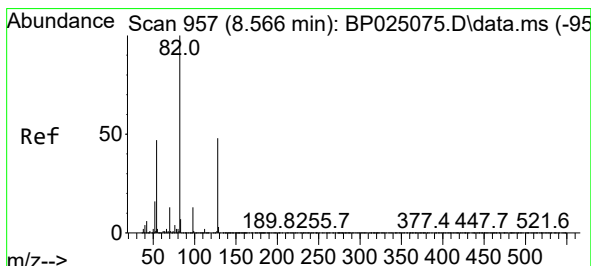
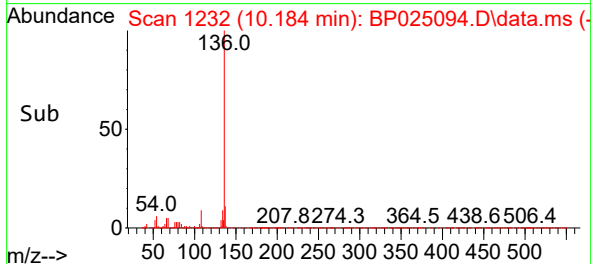
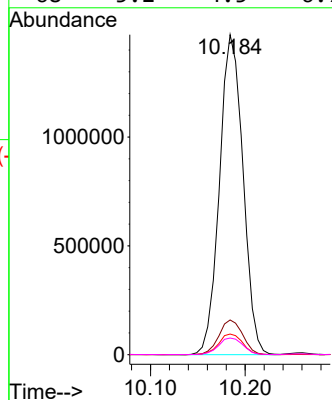
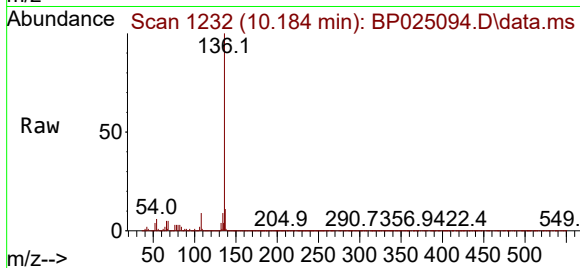




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

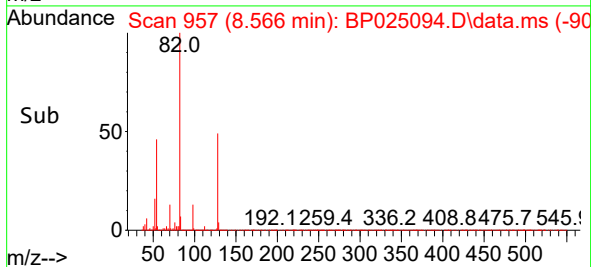
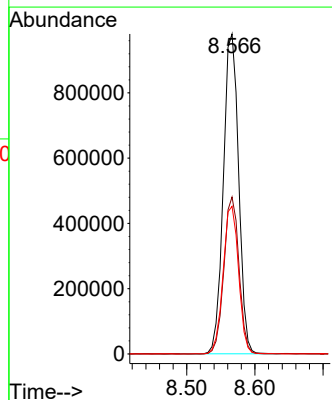
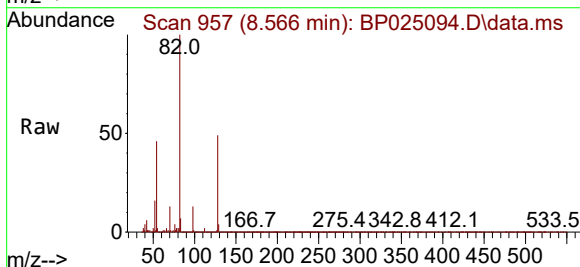
Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

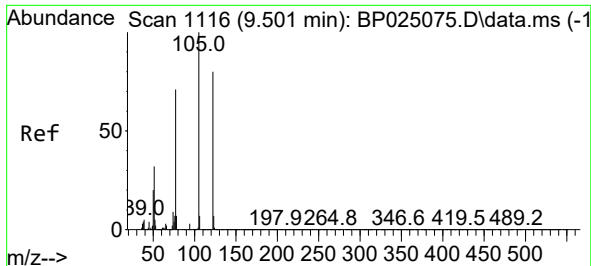
Tgt Ion:136 Resp: 2535972
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.4 5.4 8.2
68 5.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 40.097 ng
RT: 8.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion: 82 Resp: 1528995
Ion Ratio Lower Upper
82 100
128 49.0 38.4 57.6
54 46.2 37.8 56.6

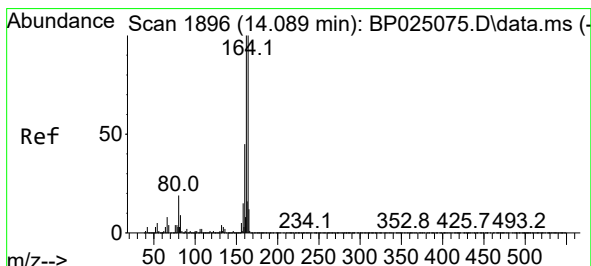
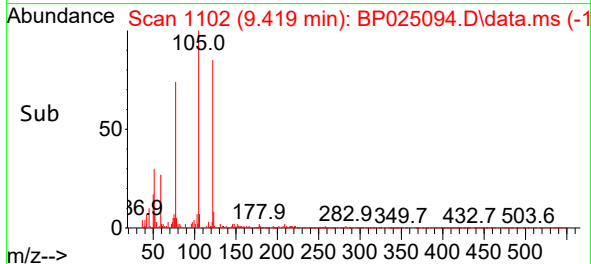
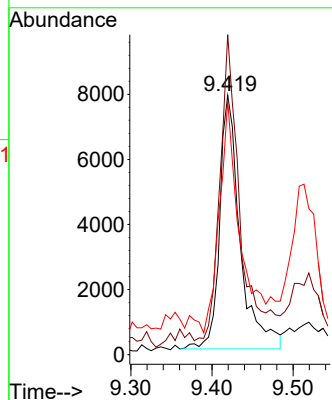
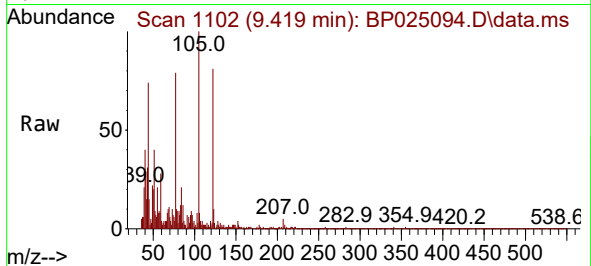




#32
Benzoic acid
Concen: 6.654 ng
RT: 9.419 min Scan# 1116
Delta R.T. -0.082 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

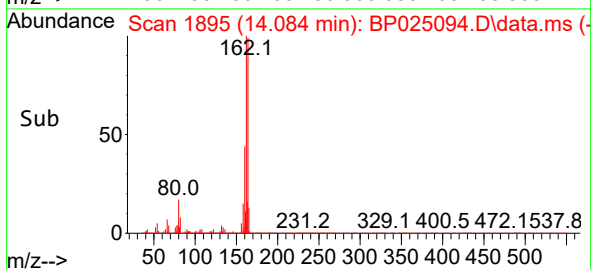
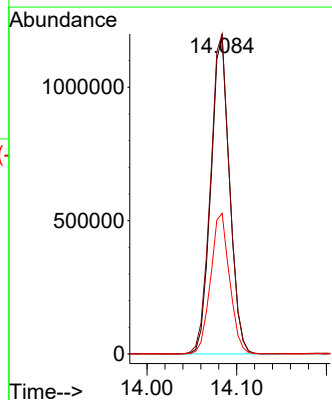
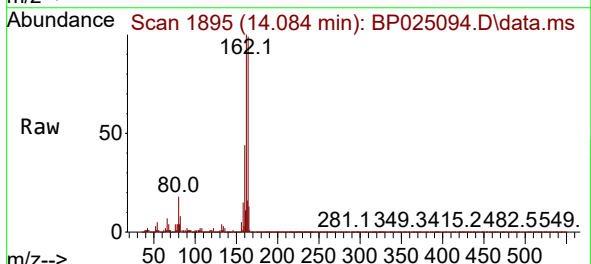
Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

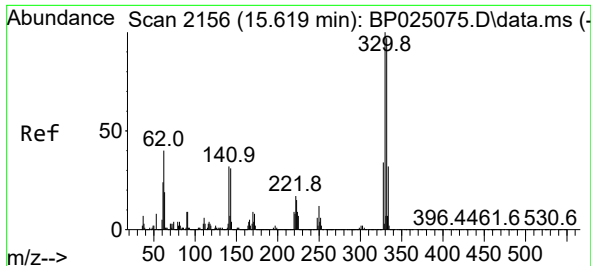
Tgt Ion:122 Resp: 13725
Ion Ratio Lower Upper
122 100
105 123.4 101.0 141.0
77 97.8 67.6 107.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion:164 Resp: 1716436
Ion Ratio Lower Upper
164 100
162 100.6 80.3 120.5
160 44.2 35.9 53.9

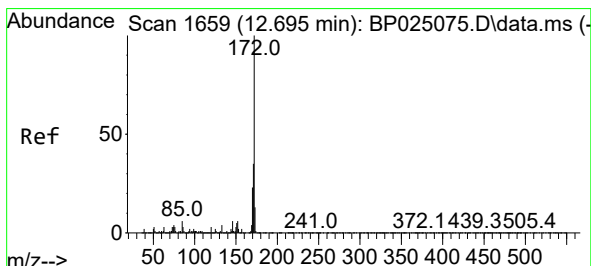
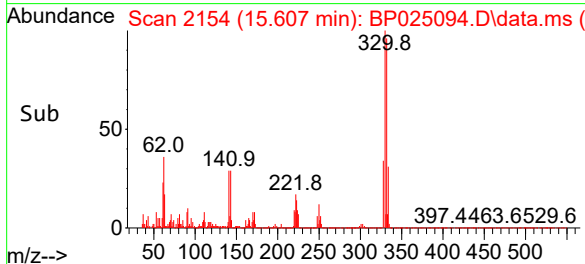
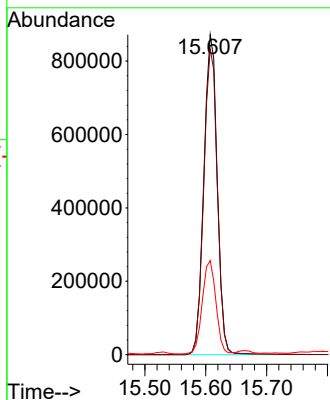
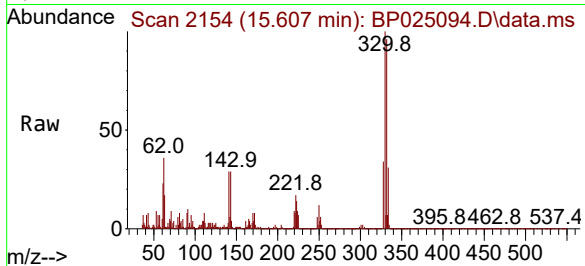




#42
2,4,6-Tribromophenol
Concen: 65.857 ng
RT: 15.607 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

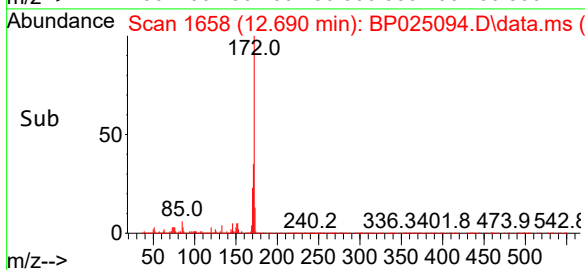
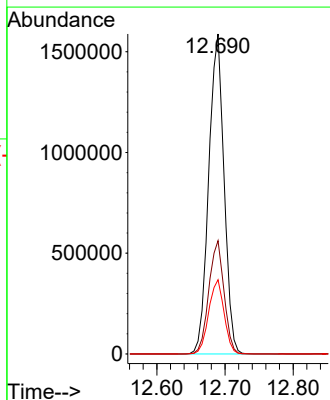
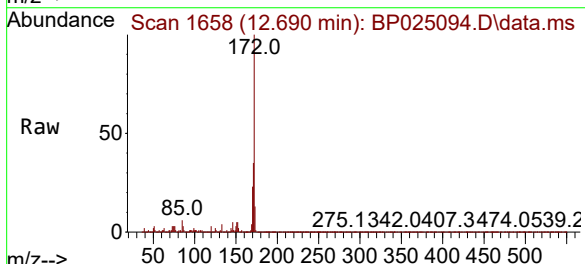
Instrument :
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LAW-25-0102

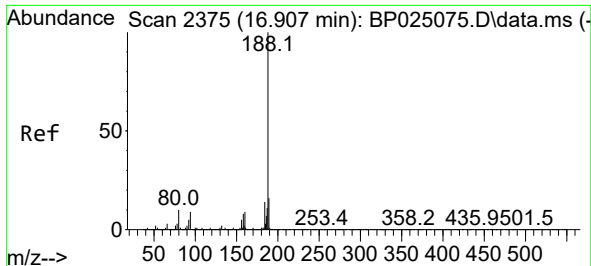
Tgt Ion: 330 Resp: 1335373
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 29.7 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 22.416 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion: 172 Resp: 2483678
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.2 18.7 28.1

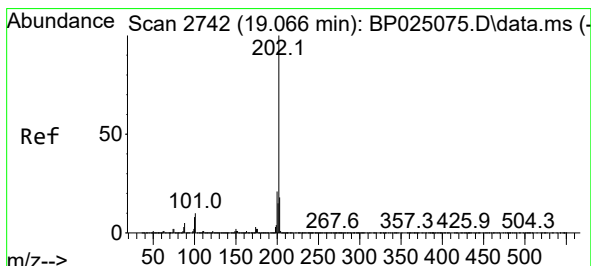
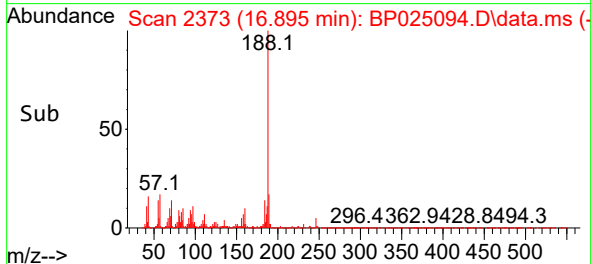
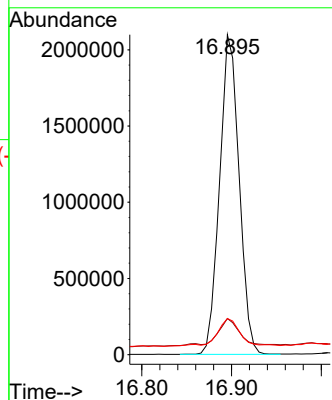
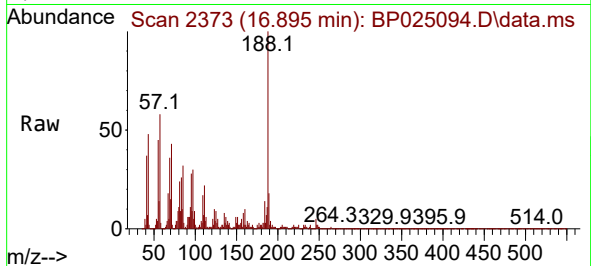




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

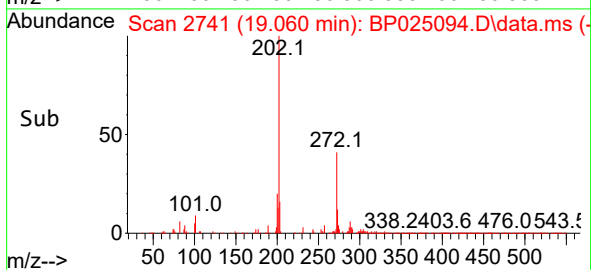
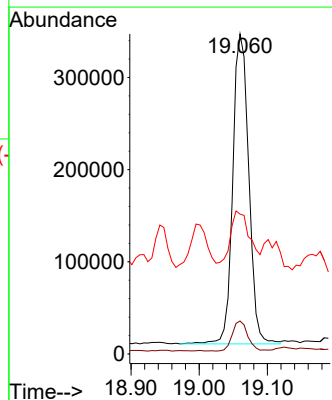
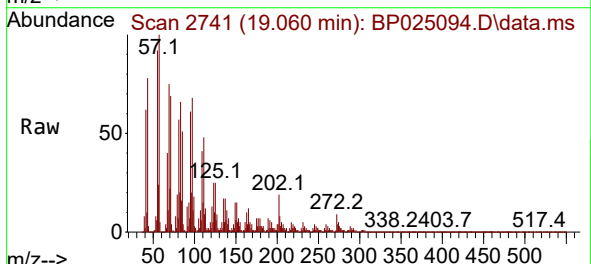
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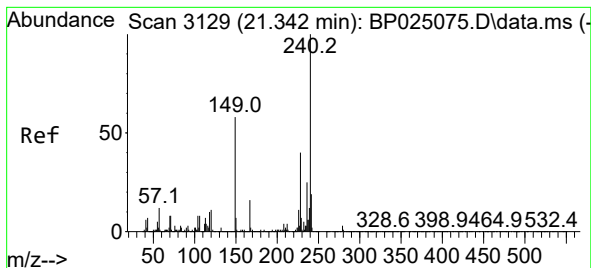
Tgt Ion:188 Resp: 3169042
Ion Ratio Lower Upper
188 100
94 11.3 7.3 10.9#
80 11.3 7.8 11.6



#75
Fluoranthene
Concen: 2.774 ng
RT: 19.060 min Scan# 2741
Delta R.T. -0.006 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion:202 Resp: 549132
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.4
203 43.7 0.0 37.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.330 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BP025094.D

Acq: 10 Jul 2025 22:31

Instrument :

BNA_P

ClientSampleId :

LAW-25-0102

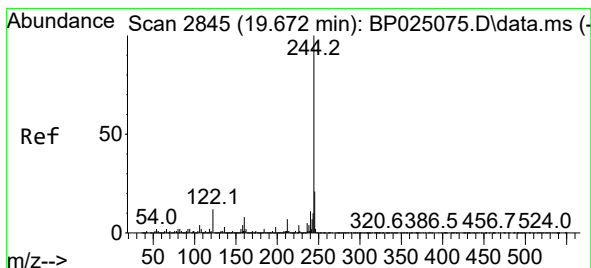
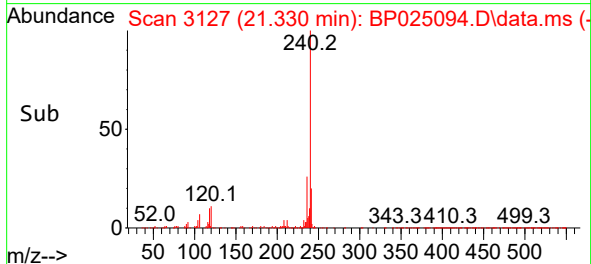
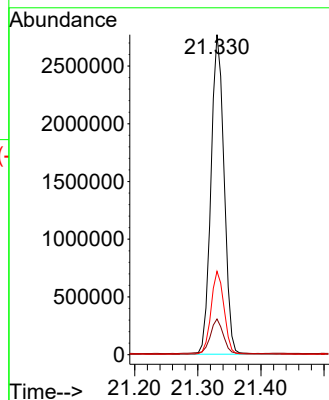
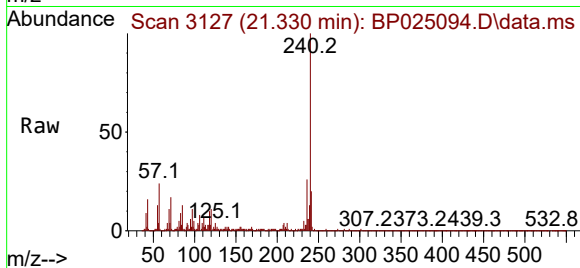
Tgt Ion:240 Resp: 3982008

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 26.1 20.3 30.5



#79

Terphenyl-d14

Concen: 20.751 ng

RT: 19.678 min Scan# 2846

Delta R.T. 0.006 min

Lab File: BP025094.D

Acq: 10 Jul 2025 22:31

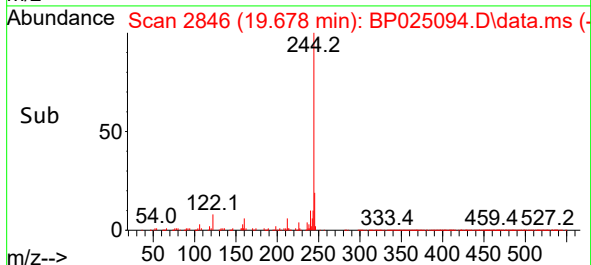
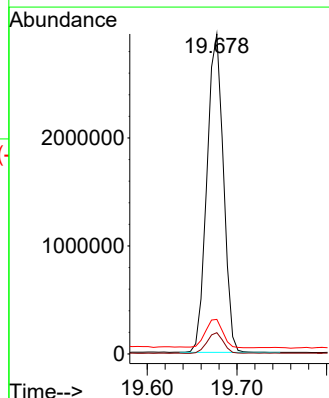
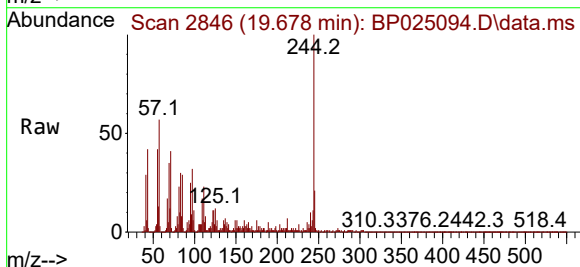
Tgt Ion:244 Resp: 3759639

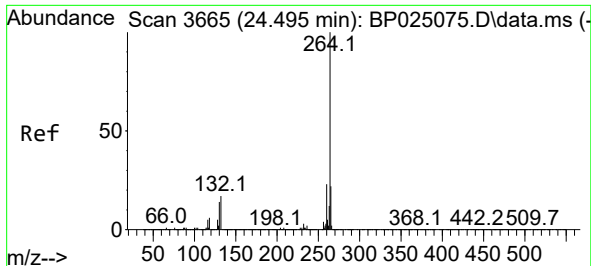
Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

122 10.8 9.4 14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.466 min Scan# 30
Delta R.T. -0.029 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

Tgt Ion:264 Resp: 4052241

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.9	17.7	26.5

