

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025458.D
 Acq On : 18 Aug 2025 12:47
 Operator : CG/JU
 Sample : Q2864-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LAW-25-122-126

Quant Time: Aug 18 13:09:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

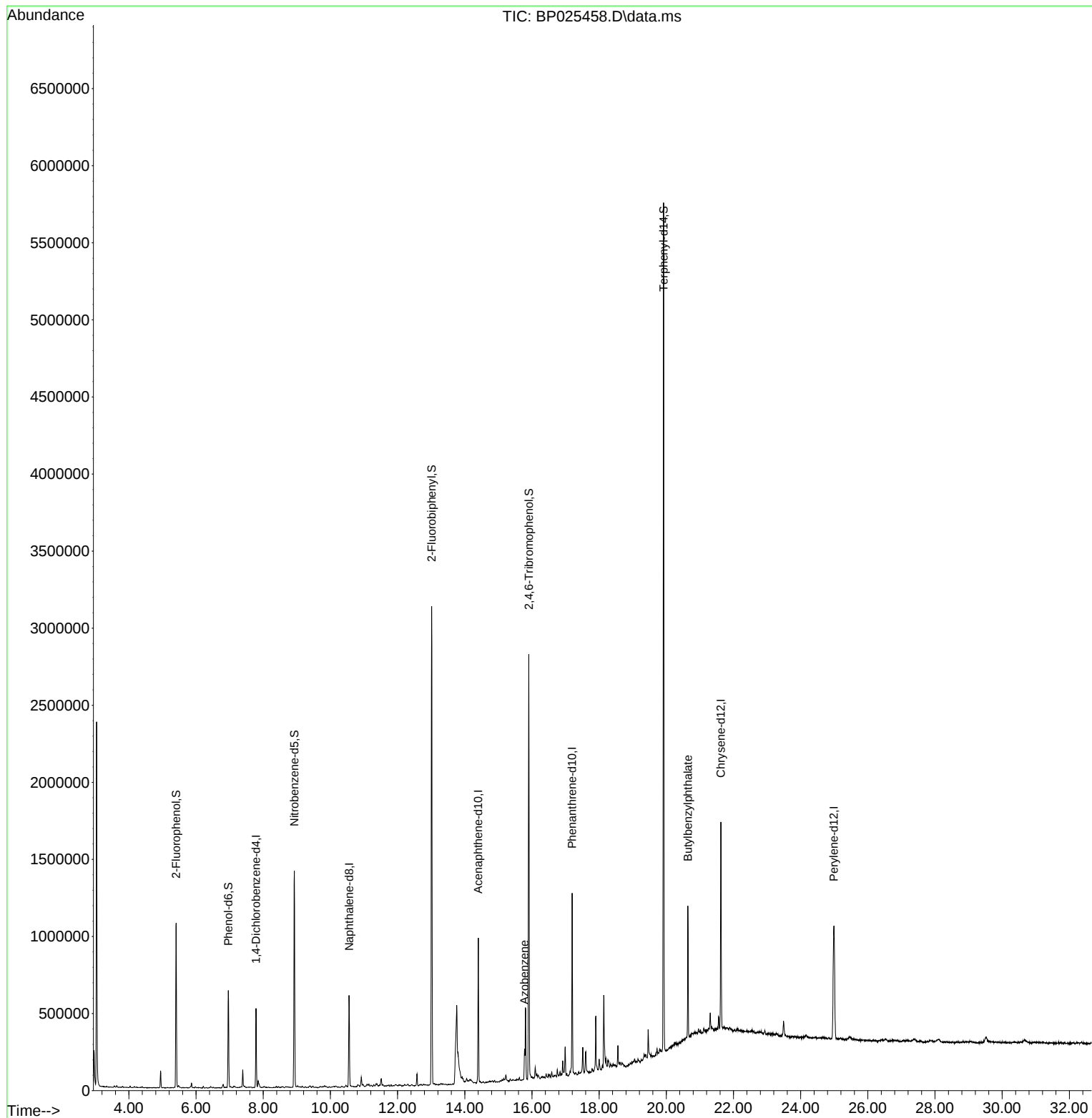
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	128442	20.000	ng	-0.01
21) Naphthalene-d8	10.555	136	492363	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	296040	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	610617	20.000	ng	0.00
76) Chrysene-d12	21.625	240	702047	20.000	ng	-0.02
86) Perylene-d12	24.989	264	838587	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	472023	61.030	ng	0.00
7) Phenol-d6	6.961	99	370036	37.317	ng	0.00
23) Nitrobenzene-d5	8.925	82	815714	83.807	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	530008	133.010	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1726000	79.682	ng	0.00
79) Terphenyl-d14	19.919	244	2831902	73.801	ng	0.00
Target Compounds						
63) Azobenzene	15.778	77	51518	2.731	ng	# 1
80) Butylbenzylphthalate	20.642	149	249604	12.070	ng	98

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

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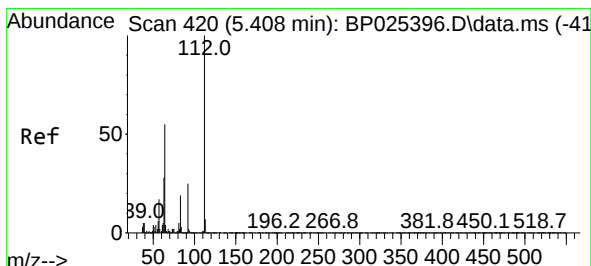
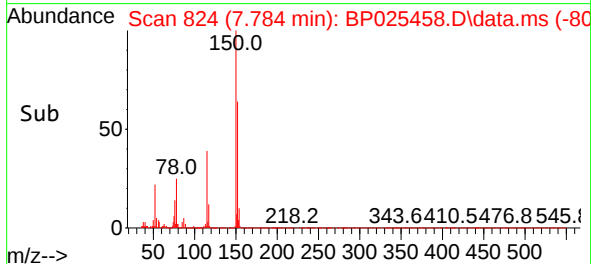
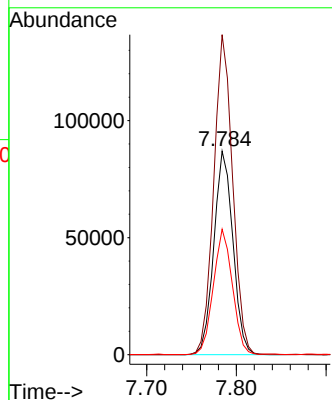
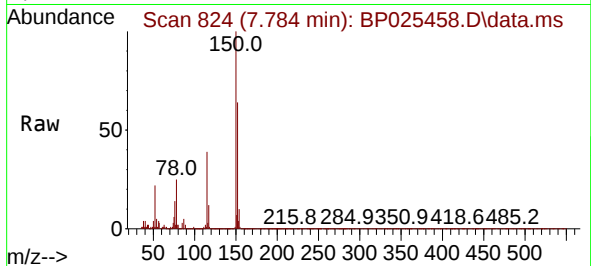




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

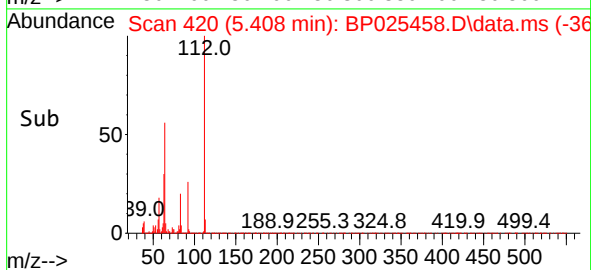
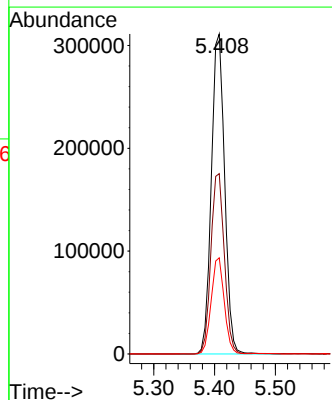
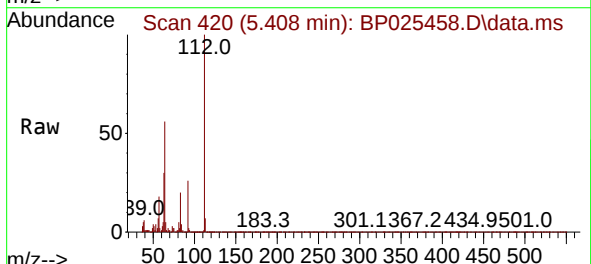
Instrument :
BNA_P
ClientSampleId :
LAW-25-122-126

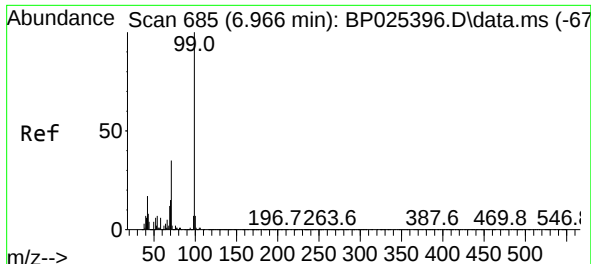
Tgt Ion:152 Resp: 128442
Ion Ratio Lower Upper
152 100
150 157.2 125.9 188.9
115 61.6 48.5 72.7



#5
2-Fluorophenol
Concen: 61.030 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Tgt Ion:112 Resp: 472023
Ion Ratio Lower Upper
112 100
64 56.3 43.8 65.8
63 30.1 22.7 34.1

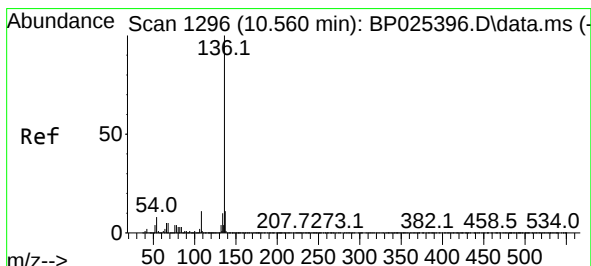
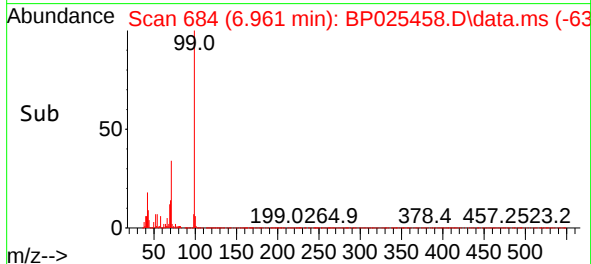
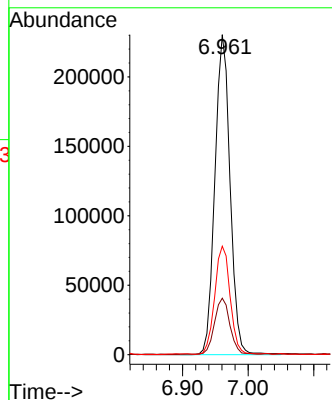
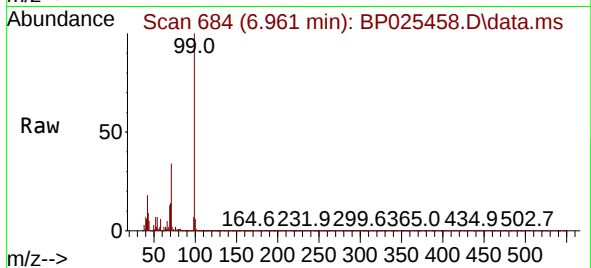




#7
Phenol-d6
Concen: 37.317 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

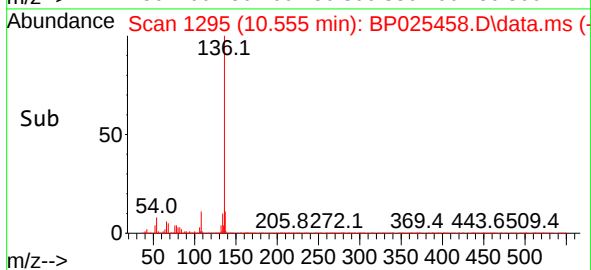
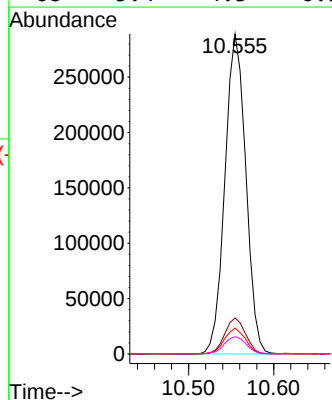
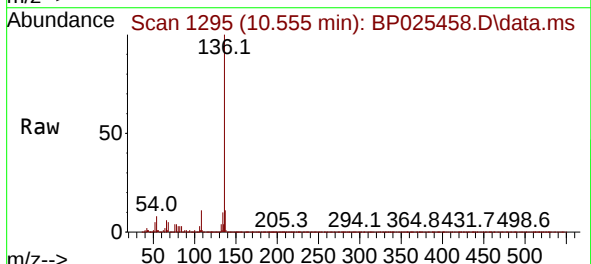
Instrument :
BNA_P
ClientSampleId :
LAW-25-122-126

Tgt Ion: 99 Resp: 370036
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 33.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Tgt Ion: 136 Resp: 492363
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 8.1 6.0 9.0
68 5.4 4.3 6.5

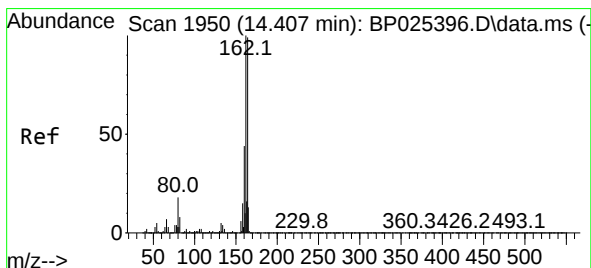
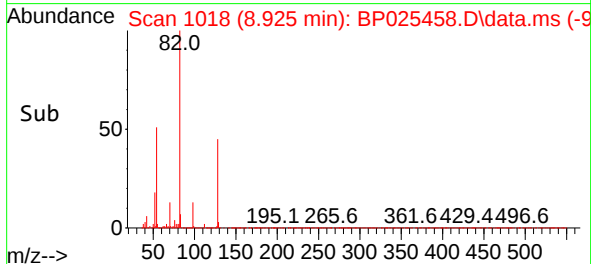
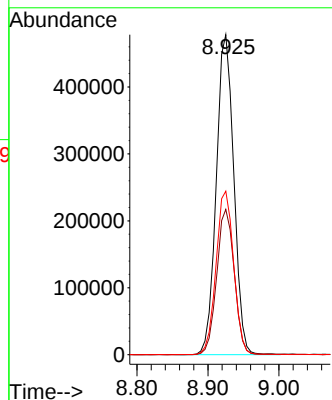
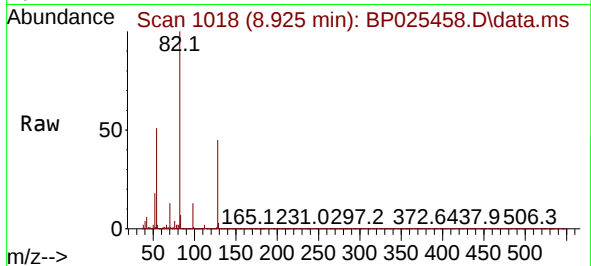




#23
Nitrobenzene-d5
Concen: 83.807 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

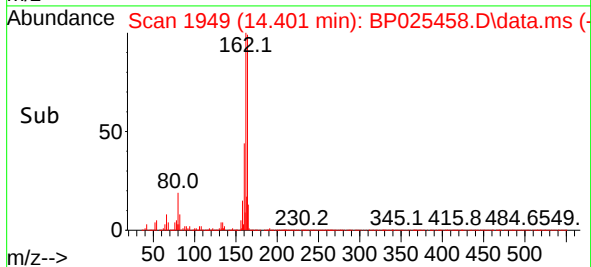
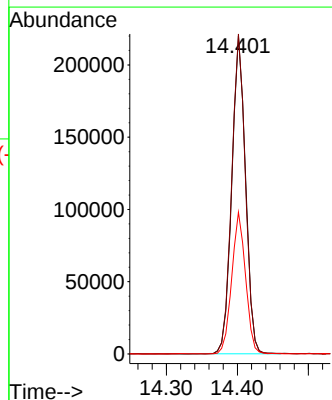
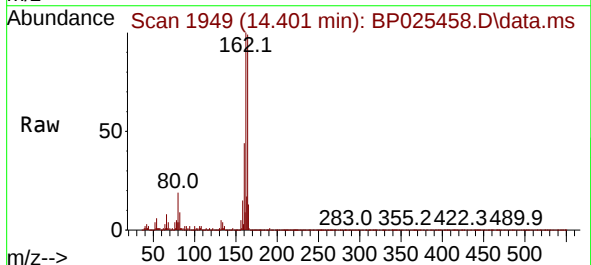
Instrument :
BNA_P
ClientSampleId :
LAW-25-122-126

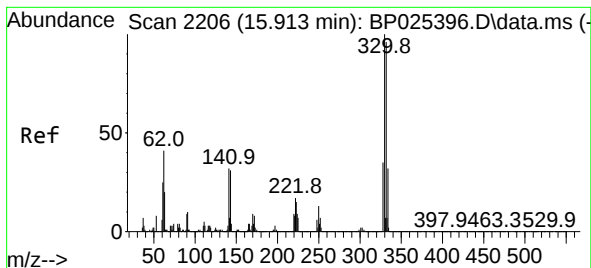
Tgt Ion: 82 Resp: 815714
Ion Ratio Lower Upper
82 100
128 45.4 37.7 56.5
54 51.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Tgt Ion:164 Resp: 296040
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.6
160 44.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 133.010 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025458.D

Acq: 18 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

LAW-25-122-126

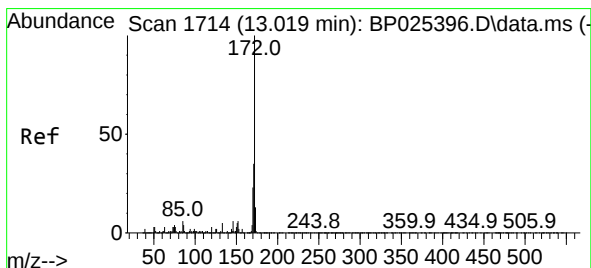
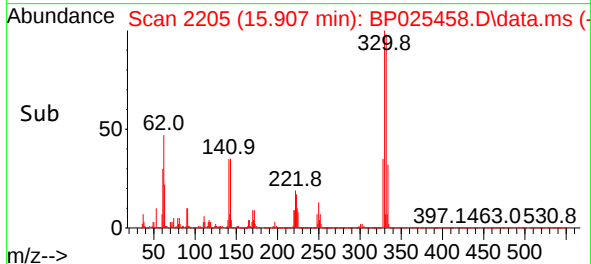
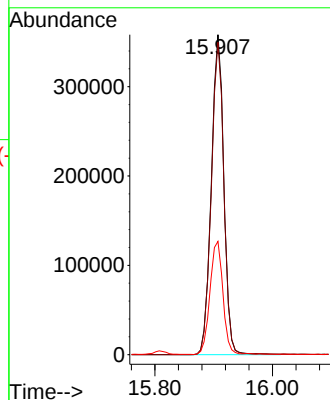
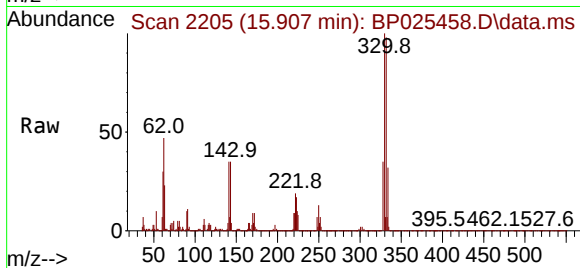
Tgt Ion:330 Resp: 530008

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 36.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 79.682 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025458.D

Acq: 18 Aug 2025 12:47

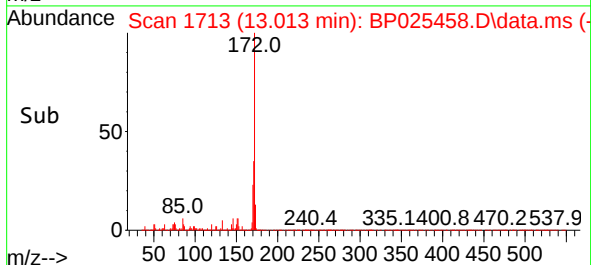
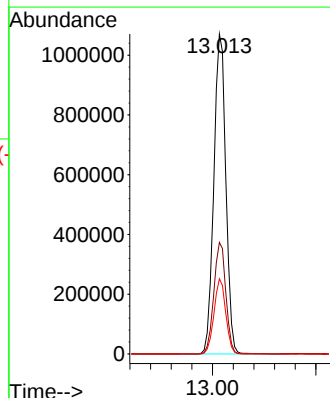
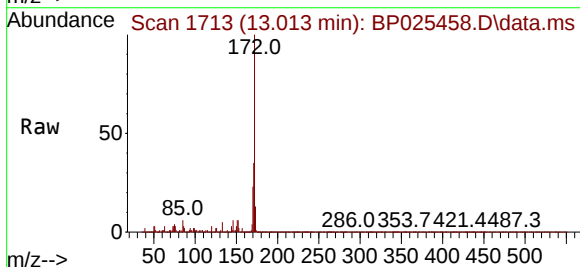
Tgt Ion:172 Resp: 1726000

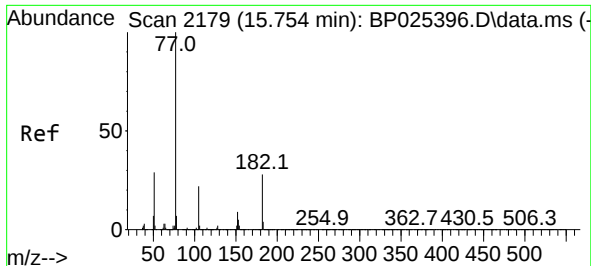
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.5 18.6 28.0

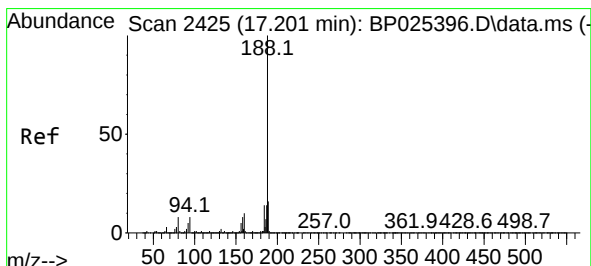
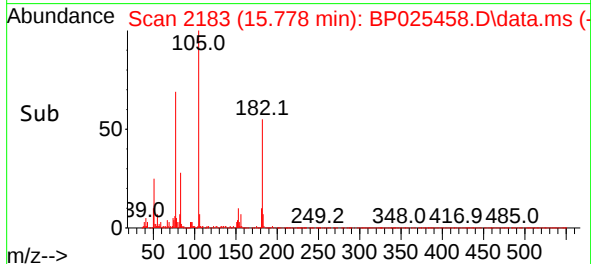
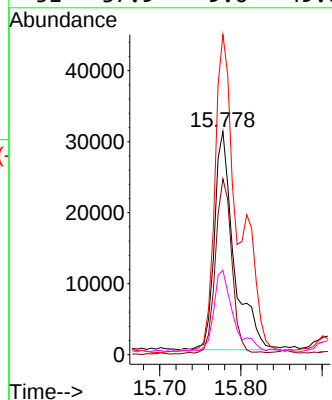
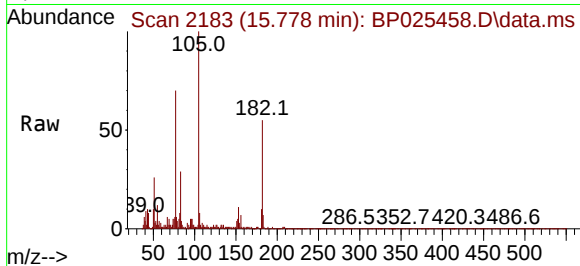




#63
Azobenzene
Concen: 2.731 ng
RT: 15.778 min Scan# 2179
Delta R.T. 0.024 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

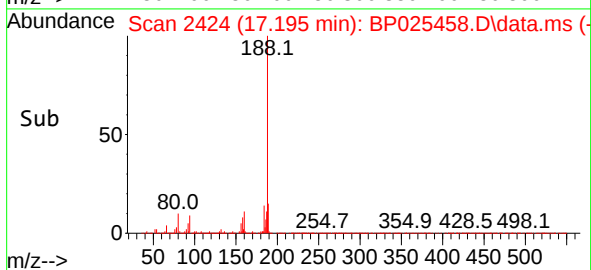
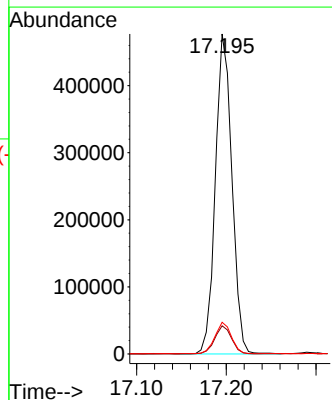
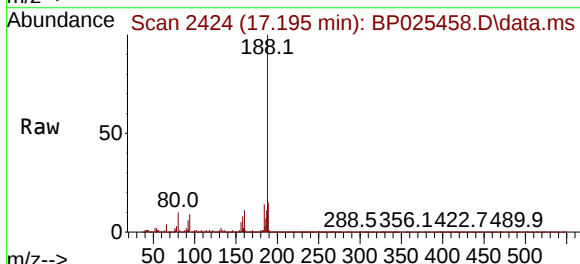
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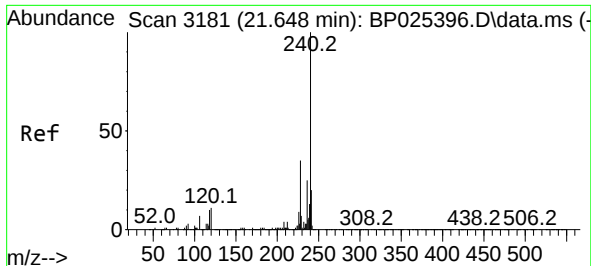
Tgt Ion: 77	Resp: 51518
Ion Ratio	Lower Upper
77	100
182	78.8 7.5 47.5#
105	143.3 2.1 42.1#
51	37.9 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Tgt Ion: 188	Resp: 610617
Ion Ratio	Lower Upper
188	100
94	8.8 6.6 10.0
80	9.9 6.7 10.1

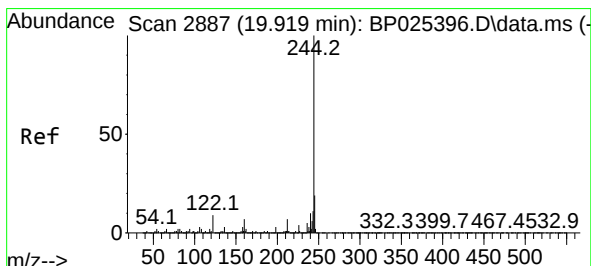
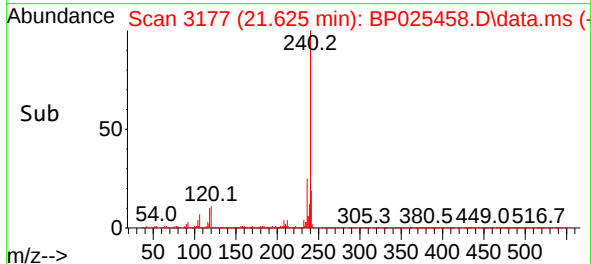
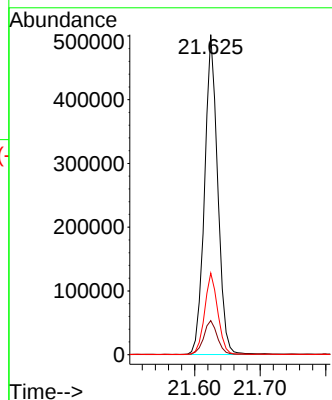
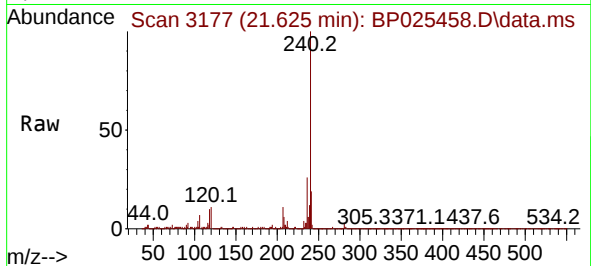




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3181
Delta R.T. -0.023 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

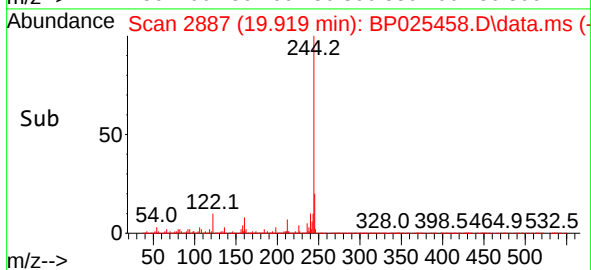
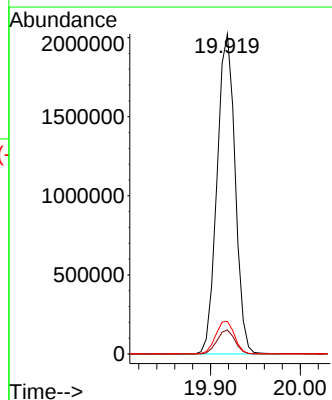
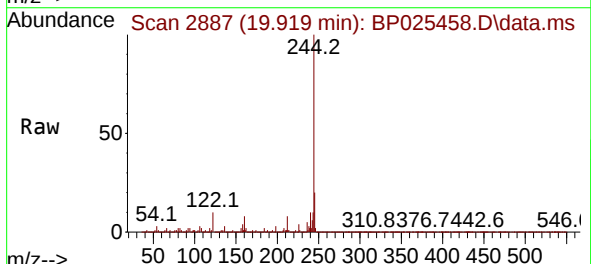
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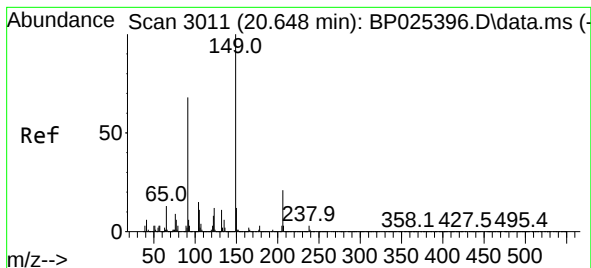
Tgt Ion:240 Resp: 702047
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.5 19.8 29.8



#79
Terphenyl-d14
Concen: 73.801 ng
RT: 19.919 min Scan# 2887
Delta R.T. 0.000 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Tgt Ion:244 Resp: 2831902
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 10.2 7.4 11.2





#80

Butylbenzylphthalate

Concen: 12.070 ng

RT: 20.642 min Scan# 3011

Delta R.T. -0.006 min

Lab File: BP025458.D

Acq: 18 Aug 2025 12:47

Instrument :

BNA_P

ClientSampleId :

LAW-25-122-126

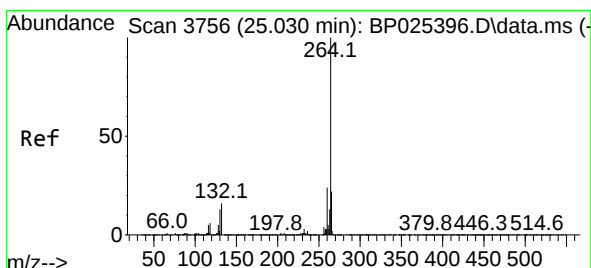
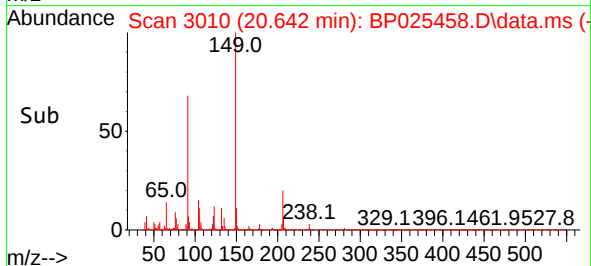
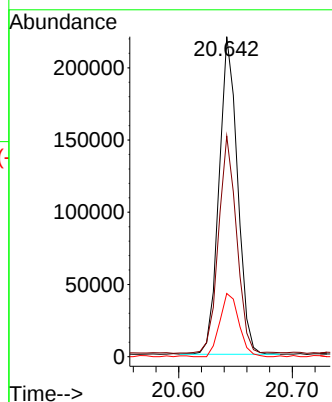
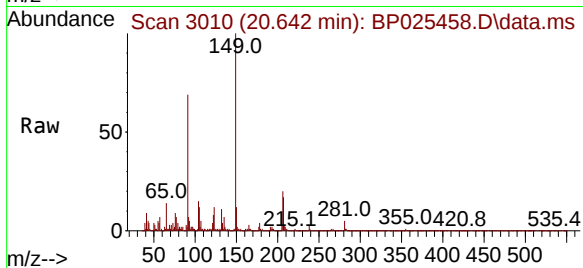
Tgt Ion:149 Resp: 249604

Ion Ratio Lower Upper

149 100

91 68.9 54.2 81.2

206 19.7 16.6 24.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

Delta R.T. -0.041 min

Lab File: BP025458.D

Acq: 18 Aug 2025 12:47

Tgt Ion:264 Resp: 838587

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 22.4 17.4 26.0

