

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100825\
 Data File : BP025956.D
 Acq On : 08 Oct 2025 16:48
 Operator : RC/JU
 Sample : Q3297-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP2

Quant Time: Oct 08 17:18:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 08 16:22:13 2025
 Response via : Initial Calibration

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

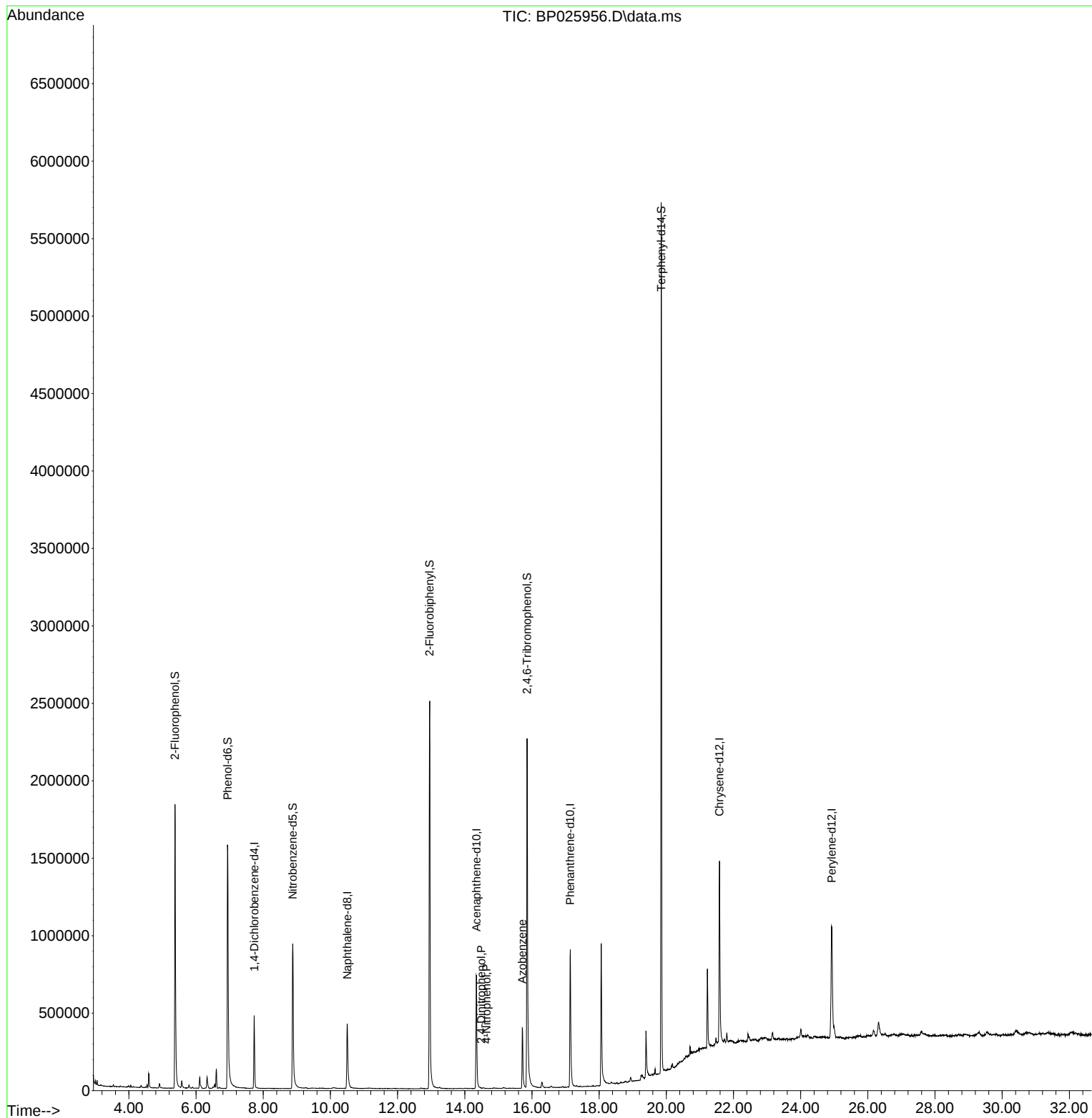
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	130922	20.000	ng	0.00
21) Naphthalene-d8	10.502	136	500471	20.000	ng	0.01
39) Acenaphthene-d10	14.348	164	353509	20.000	ng	0.01
64) Phenanthrene-d10	17.142	188	742478	20.000	ng	0.01
76) Chrysene-d12	21.583	240	827396	20.000	ng	0.01
86) Perylene-d12	24.924	264	883915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	936318	116.727	ng	0.00
7) Phenol-d6	6.937	99	1260039	118.953	ng	0.00
23) Nitrobenzene-d5	8.878	82	736484	65.862	ng	0.00
42) 2,4,6-Tribromophenol	15.854	330	590387	133.731	ng	0.00
45) 2-Fluorobiphenyl	12.954	172	1688220	64.153	ng	0.00
79) Terphenyl-d14	19.848	244	3250491	70.839	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.490	184	10	4.823	ng	# 15
56) 4-Nitrophenol	14.643	139	30	4.540	ng	# 1
63) Azobenzene	15.713	77	153453	5.921	ng	# 1

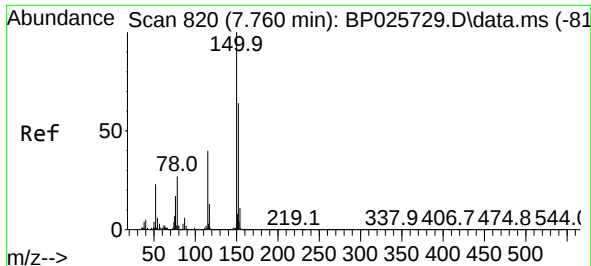
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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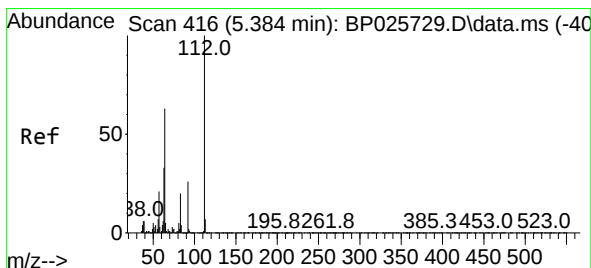
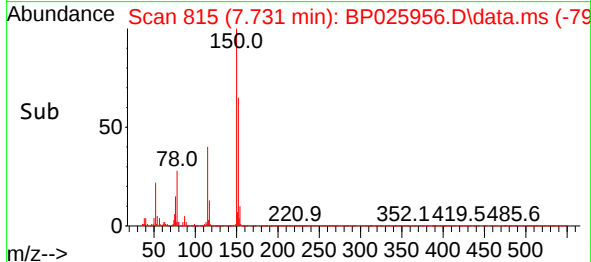
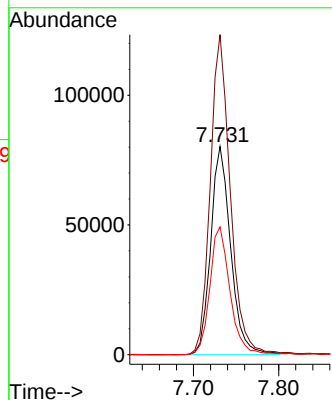
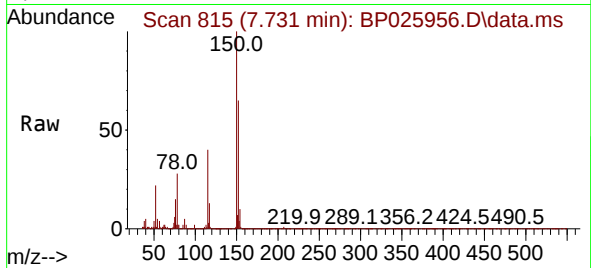




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.731 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP025956.D
Acq: 08 Oct 2025 16:48

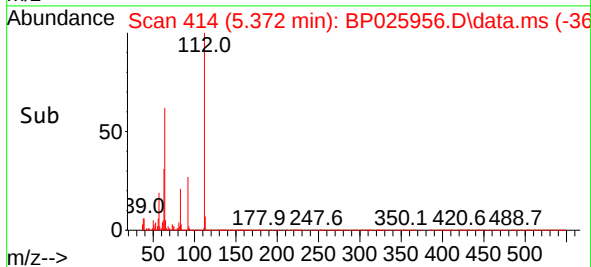
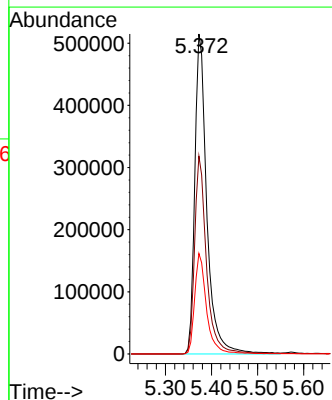
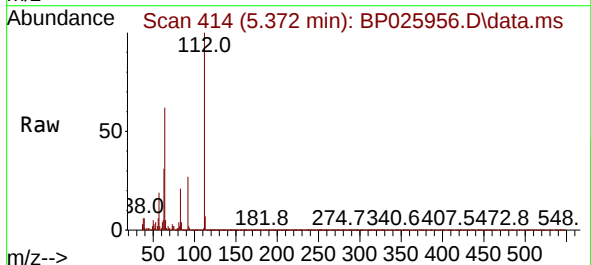
Instrument :
BNA_P
ClientSampleId :
TP2

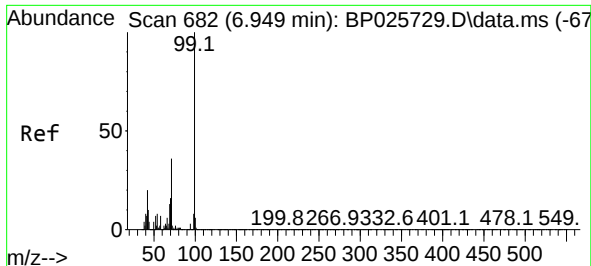
Tgt Ion:152 Resp: 130922
Ion Ratio Lower Upper
152 100
150 153.8 124.3 186.5
115 61.4 50.3 75.5



#5
2-Fluorophenol
Concen: 116.727 ng
RT: 5.372 min Scan# 414
Delta R.T. -0.000 min
Lab File: BP025956.D
Acq: 08 Oct 2025 16:48

Tgt Ion:112 Resp: 936318
Ion Ratio Lower Upper
112 100
64 61.9 50.2 75.4
63 31.4 26.7 40.1

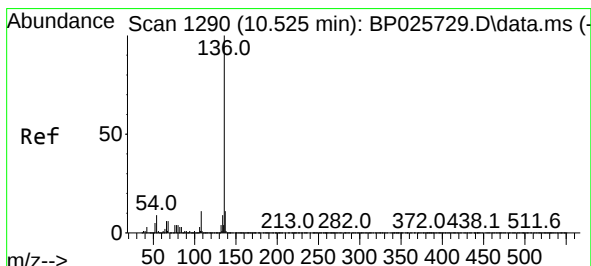
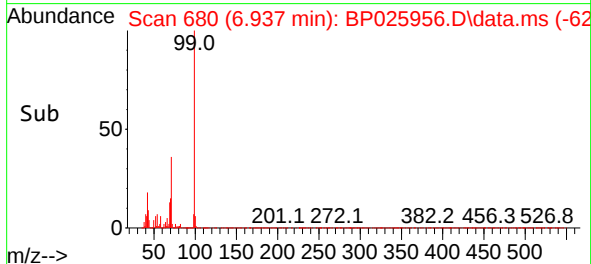
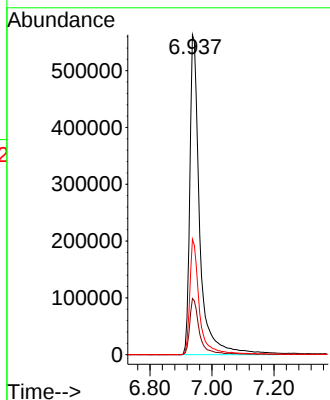
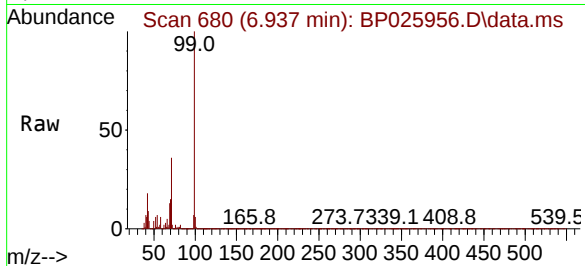




#7
Phenol-d6
Concen: 118.953 ng
RT: 6.937 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025956.D
Acq: 08 Oct 2025 16:48

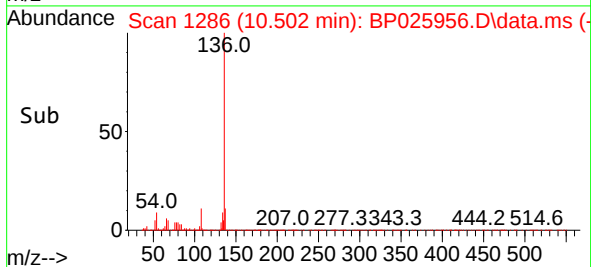
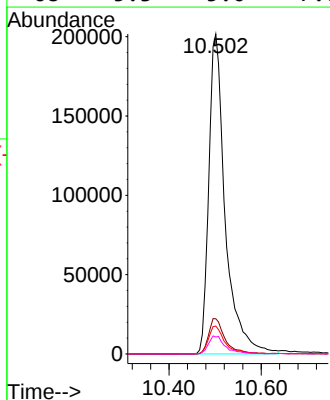
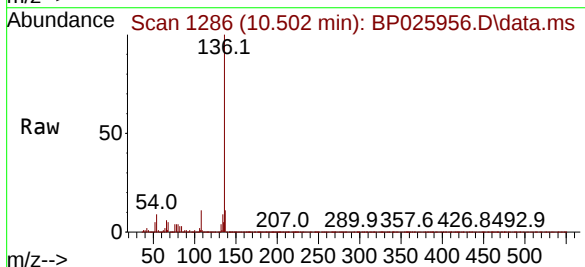
Instrument :
BNA_P
ClientSampleId :
TP2

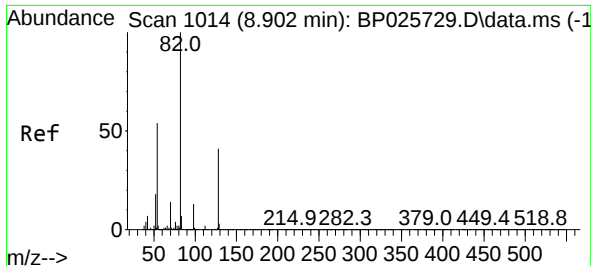
Tgt Ion: 99 Resp: 1260039
Ion Ratio Lower Upper
99 100
42 17.6 15.6 23.4
71 36.1 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.502 min Scan# 1286
Delta R.T. 0.012 min
Lab File: BP025956.D
Acq: 08 Oct 2025 16:48

Tgt Ion:136 Resp: 500471
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.7 7.5 11.3
68 5.3 5.0 7.6

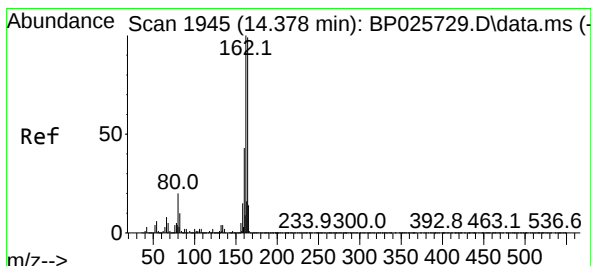
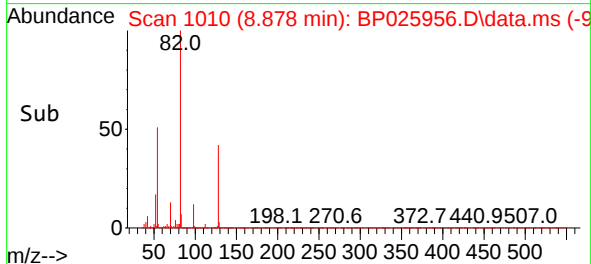
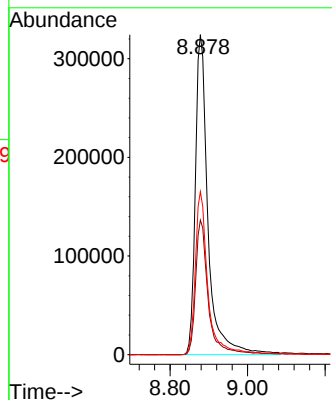
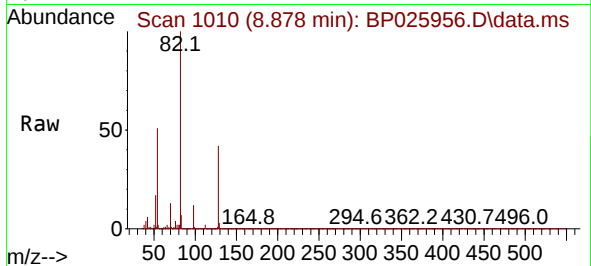




#23
Nitrobenzene-d5
Concen: 65.862 ng
RT: 8.878 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP025956.D
Acq: 08 Oct 2025 16:48

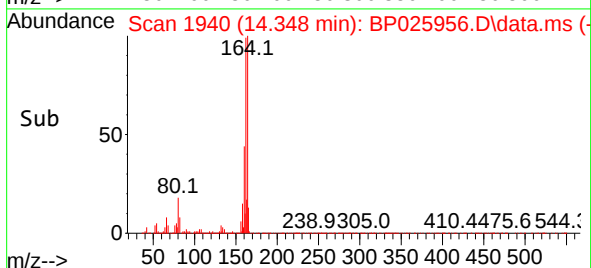
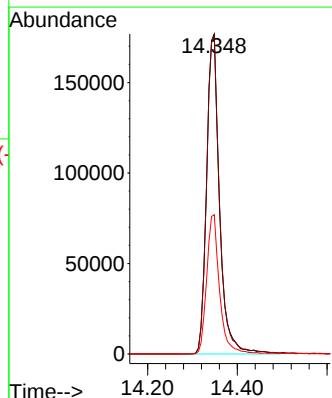
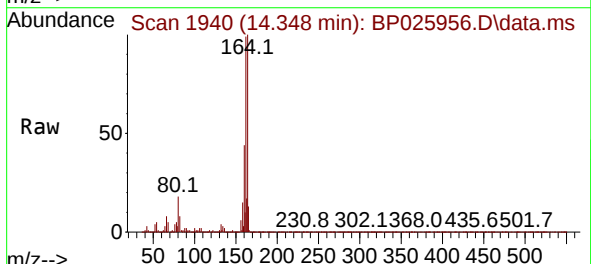
Instrument :
BNA_P
ClientSampleId :
TP2

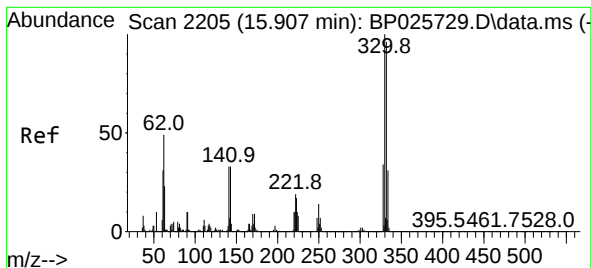
Tgt Ion: 82 Resp: 736484
Ion Ratio Lower Upper
82 100
128 42.0 32.9 49.3
54 50.9 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.348 min Scan# 1940
Delta R.T. 0.012 min
Lab File: BP025956.D
Acq: 08 Oct 2025 16:48

Tgt Ion:164 Resp: 353509
Ion Ratio Lower Upper
164 100
162 99.5 80.6 120.8
160 43.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 133.731 ng

RT: 15.854 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BP025956.D

Acq: 08 Oct 2025 16:48

Instrument :

BNA_P

ClientSampleId :

TP2

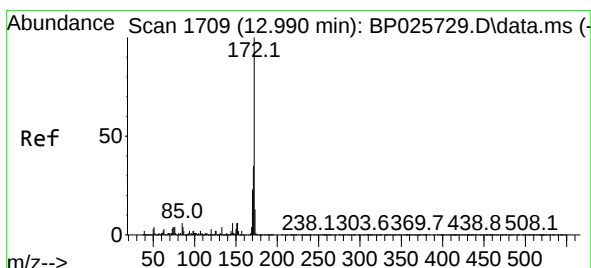
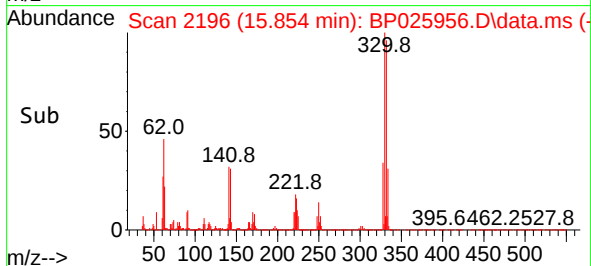
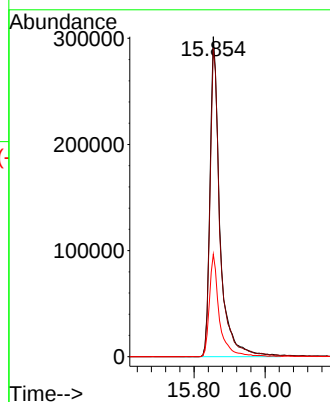
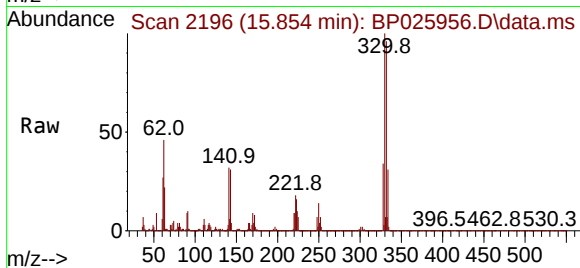
Tgt Ion:330 Resp: 590387

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

141 31.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 64.153 ng

RT: 12.954 min Scan# 1703

Delta R.T. 0.006 min

Lab File: BP025956.D

Acq: 08 Oct 2025 16:48

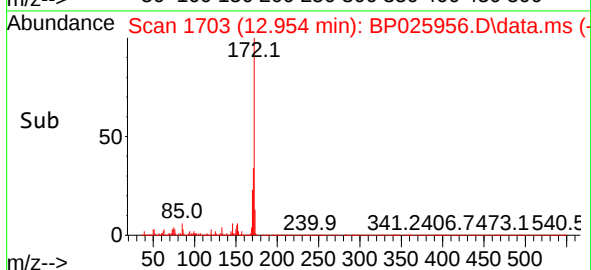
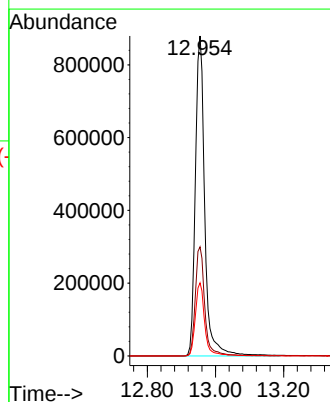
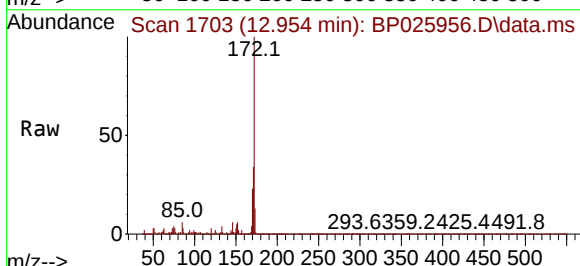
Tgt Ion:172 Resp: 1688220

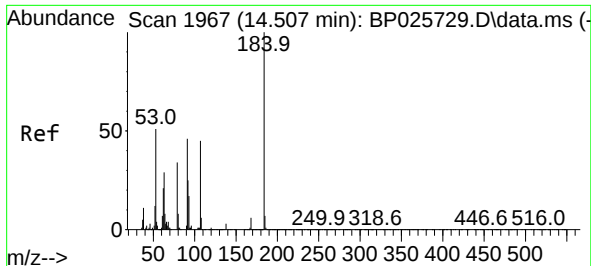
Ion Ratio Lower Upper

172 100

171 34.1 27.8 41.6

170 22.8 18.6 27.8

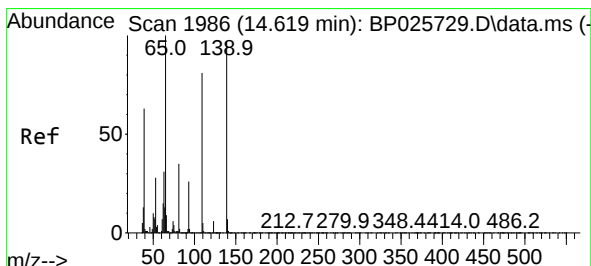
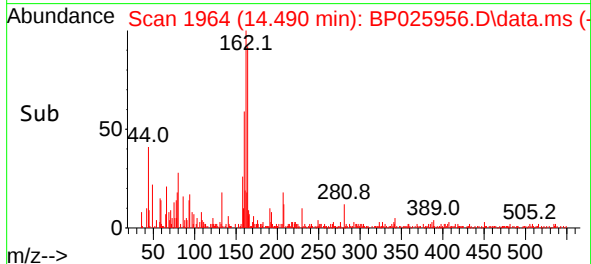
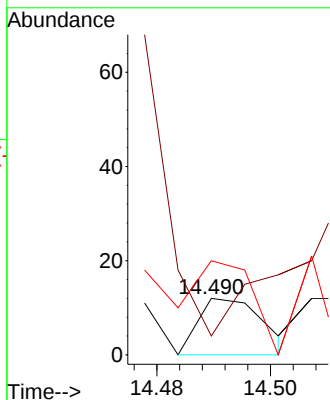
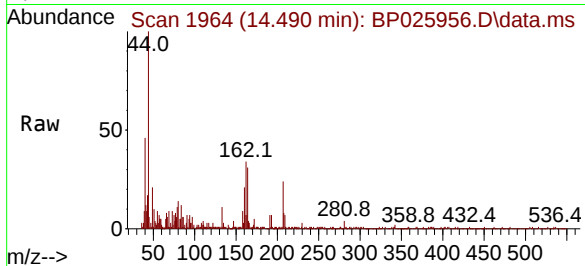




#54
2,4-Dinitrophenol
Concen: 4.823 ng
RT: 14.490 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BP025956.D
Acq: 08 Oct 2025 16:48

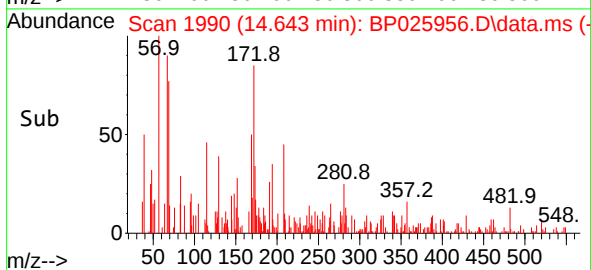
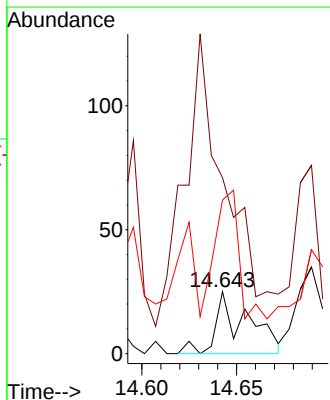
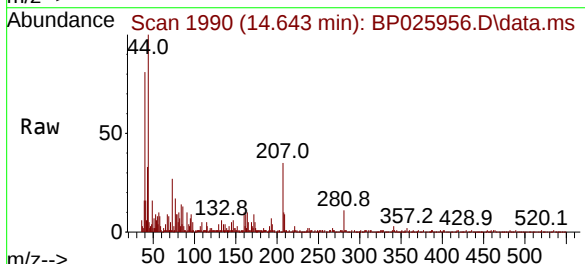
Instrument :
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TP2

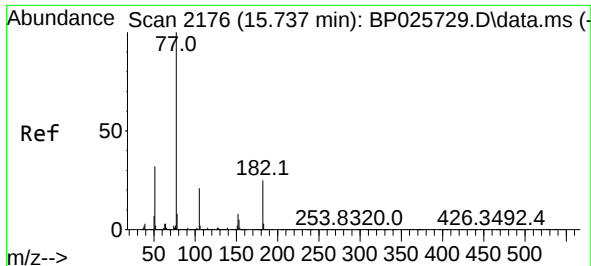
Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 33.3 52.5 78.7#
154 166.7 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.540 ng
RT: 14.643 min Scan# 1990
Delta R.T. 0.012 min
Lab File: BP025956.D
Acq: 08 Oct 2025 16:48

Tgt Ion:139 Resp: 30
Ion Ratio Lower Upper
139 100
109 284.0 62.9 102.9#
65 248.0 83.4 123.4#

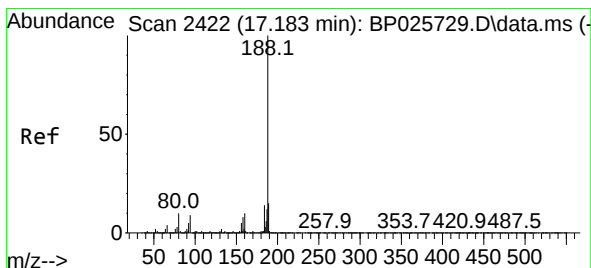
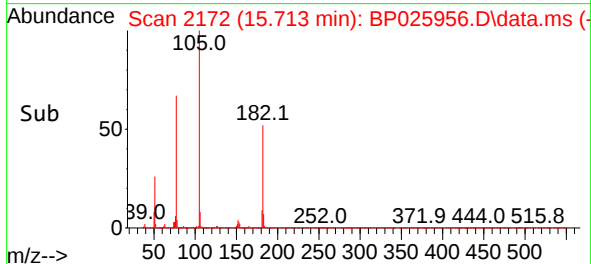
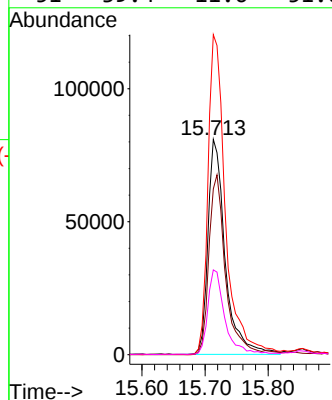
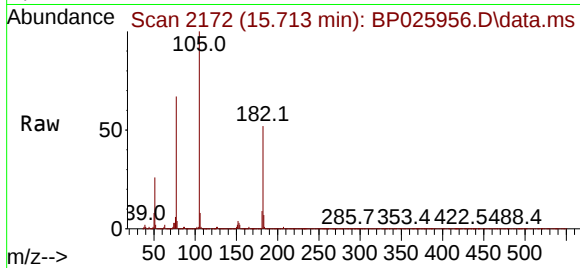




#63
Azobenzene
Concen: 5.921 ng
RT: 15.713 min Scan# 2172
Delta R.T. 0.023 min
Lab File: BP025956.D
Acq: 08 Oct 2025 16:48

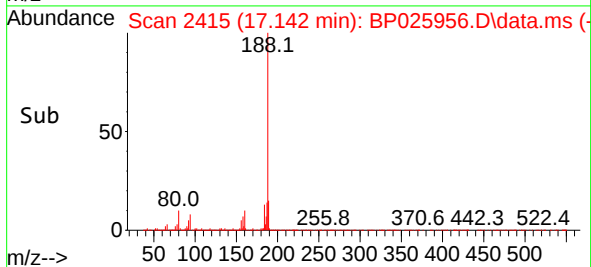
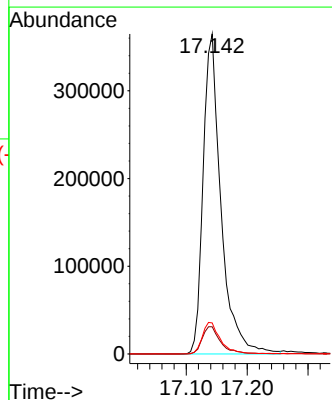
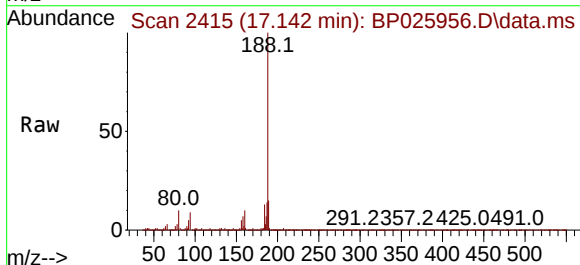
Instrument :
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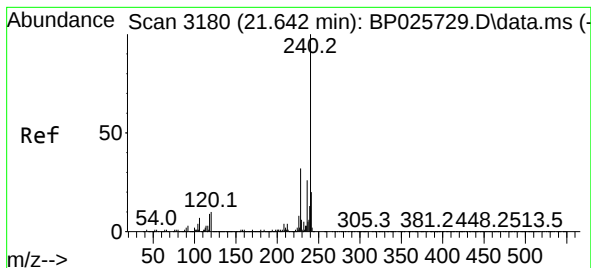
Tgt Ion: 77 Resp: 153453
Ion Ratio Lower Upper
77 100
182 77.0 5.2 45.2#
105 148.6 1.1 41.1#
51 39.4 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 2415
Delta R.T. 0.012 min
Lab File: BP025956.D
Acq: 08 Oct 2025 16:48

Tgt Ion:188 Resp: 742478
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.0
80 9.7 7.7 11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025956.D

Acq: 08 Oct 2025 16:48

Instrument :

BNA_P

ClientSampleId :

TP2

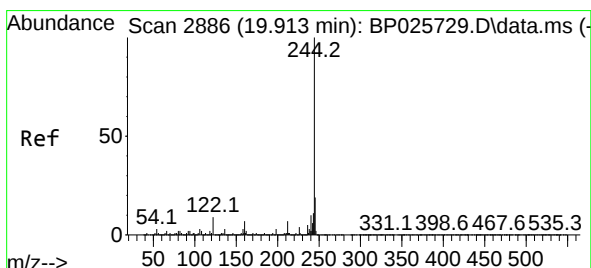
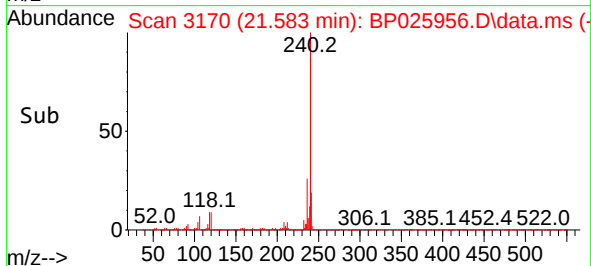
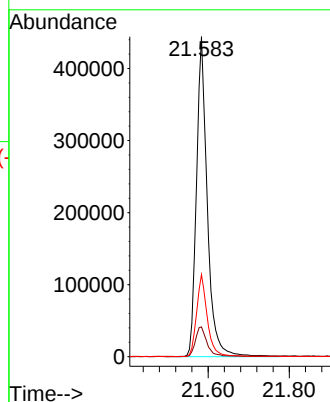
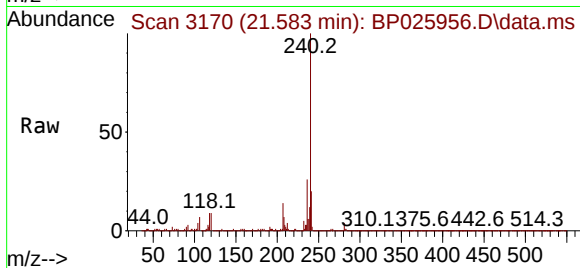
Tgt Ion:240 Resp: 827396

Ion Ratio Lower Upper

240 100

120 9.3 8.0 12.0

236 25.6 20.7 31.1



#79

Terphenyl-d14

Concen: 70.839 ng

RT: 19.848 min Scan# 2875

Delta R.T. -0.006 min

Lab File: BP025956.D

Acq: 08 Oct 2025 16:48

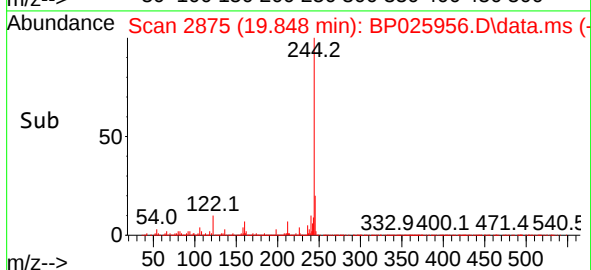
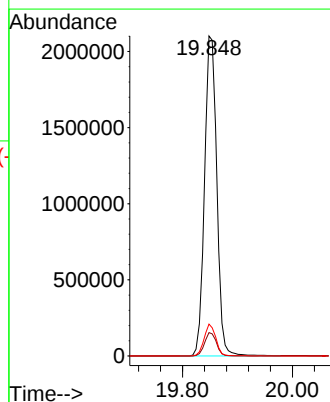
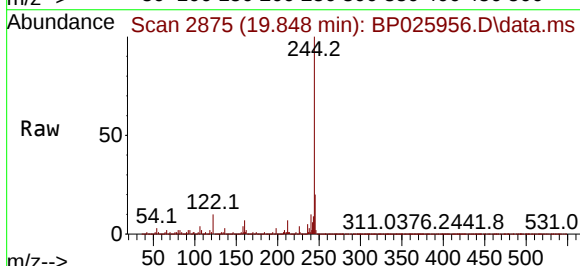
Tgt Ion:244 Resp: 3250491

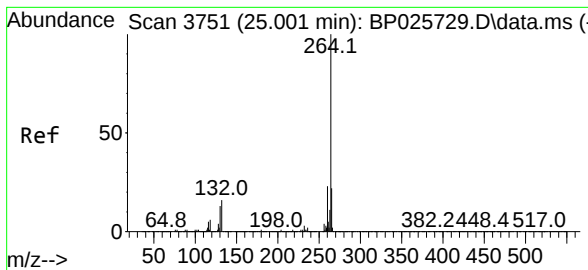
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 9.9 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.924 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP025956.D
 Acq: 08 Oct 2025 16:48

Instrument :
 BNA_P
 ClientSampleId :
 TP2

Tgt Ion:264 Resp: 883915

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	21.7	17.3	25.9

