

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100325\
 Data File : BP025917.D
 Acq On : 03 Oct 2025 17:02
 Operator : CG/JU
 Sample : Q3270-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SG-1-TEST-PIT

Quant Time: Oct 03 17:29:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

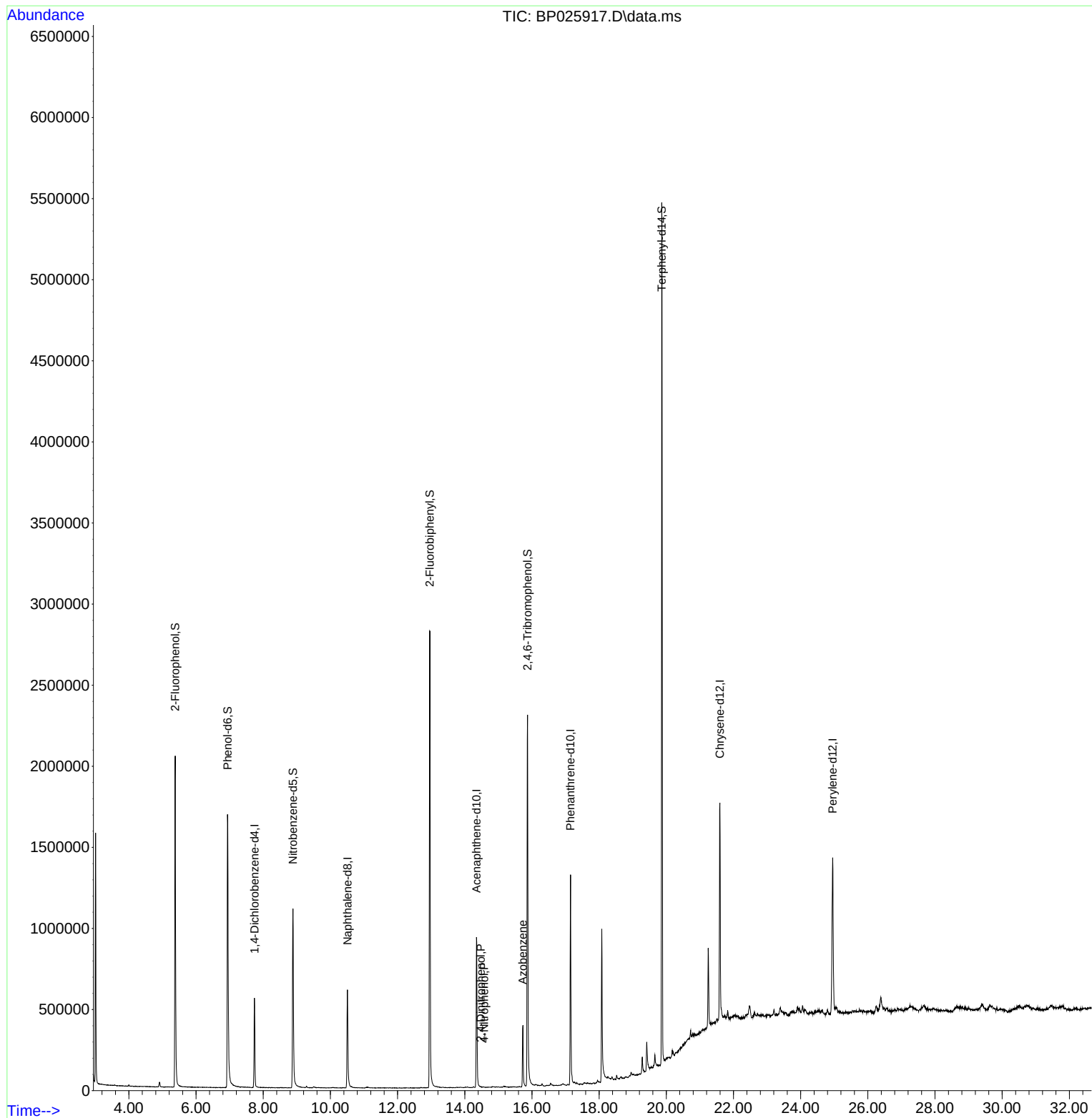
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	155713	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	610167	20.000	ng	-0.02
39) Acenaphthene-d10	14.348	164	398543	20.000	ng	-0.03
64) Phenanthrene-d10	17.148	188	820263	20.000	ng	-0.04
76) Chrysene-d12	21.595	240	873394	20.000	ng	-0.05
86) Perylene-d12	24.954	264	966547	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	986707	102.246	ng	0.00
7) Phenol-d6	6.937	99	1262361	98.414	ng	-0.01
23) Nitrobenzene-d5	8.884	82	795633	57.519	ng	-0.02
42) 2,4,6-Tribromophenol	15.866	330	555405	111.728	ng	-0.04
45) 2-Fluorobiphenyl	12.960	172	1694505	56.612	ng	-0.03
79) Terphenyl-d14	19.866	244	2819062	58.066	ng	-0.05
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.472	184	8	4.826	ng	87
56) 4-Nitrophenol	14.578	139	12	4.484	ng	# 1
63) Azobenzene	15.725	77	129849	4.351	ng	# 1

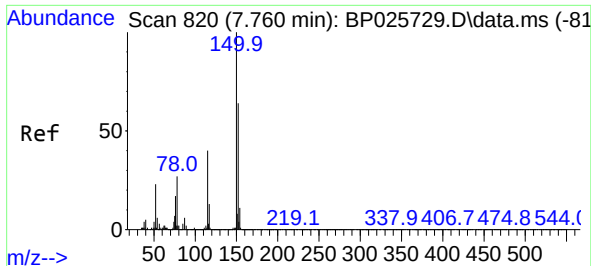
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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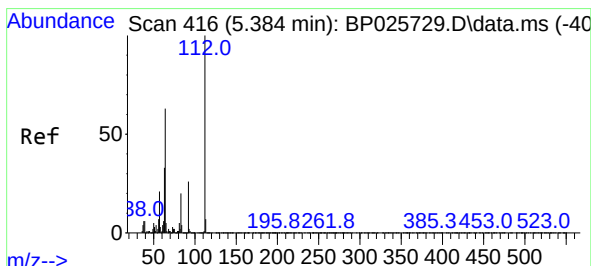
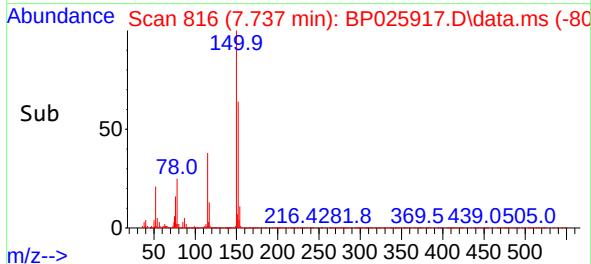
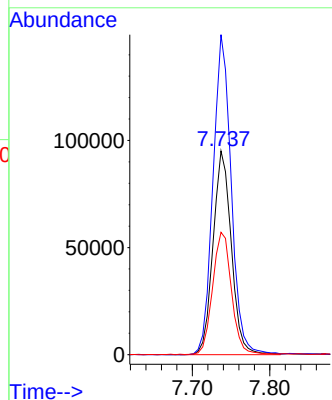
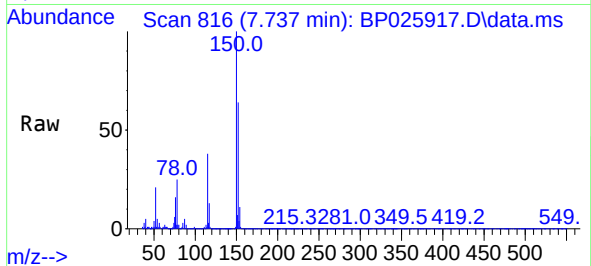




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025917.D
Acq: 03 Oct 2025 17:02

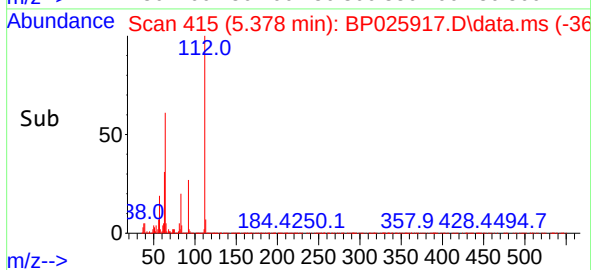
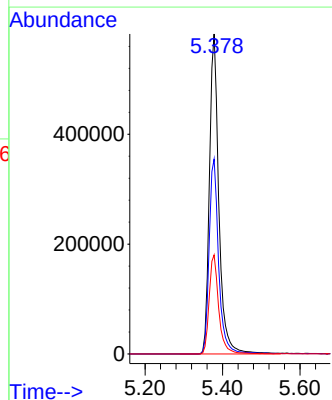
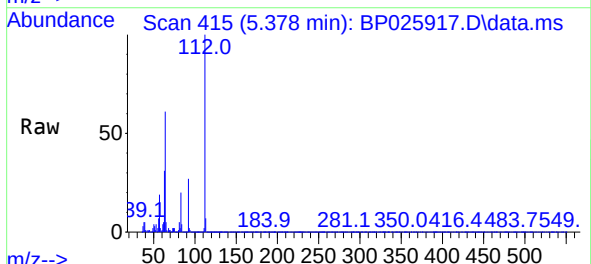
Instrument :
BNA_P
ClientSampleId :
SG-1-TEST-PIT

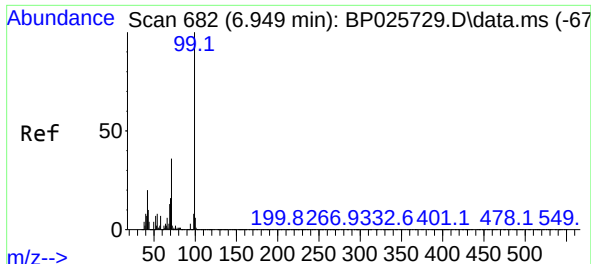
Tgt Ion:152 Resp: 155713
Ion Ratio Lower Upper
152 100
150 157.2 124.3 186.5
115 60.1 50.3 75.5



#5
2-Fluorophenol
Concen: 102.246 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025917.D
Acq: 03 Oct 2025 17:02

Tgt Ion:112 Resp: 986707
Ion Ratio Lower Upper
112 100
64 60.9 50.2 75.4
63 31.0 26.7 40.1

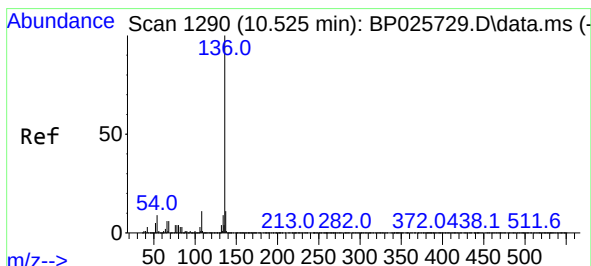
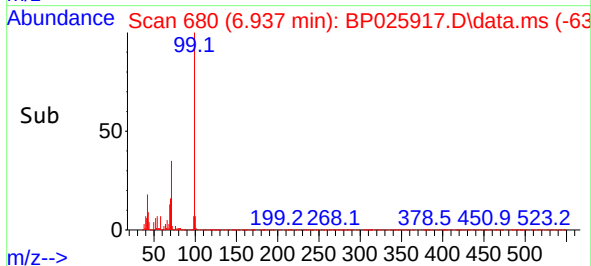
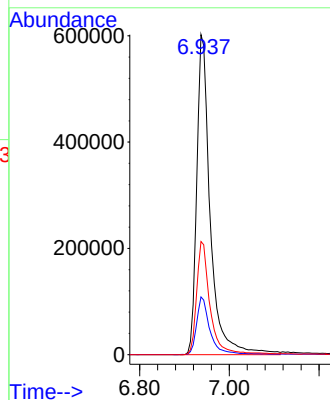
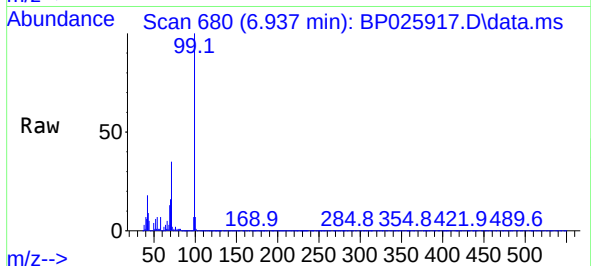




#7
Phenol-d6
Concen: 98.414 ng
RT: 6.937 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025917.D
Acq: 03 Oct 2025 17:02

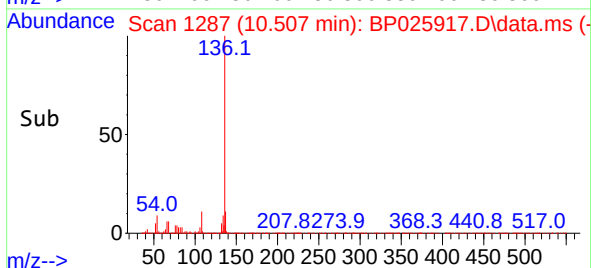
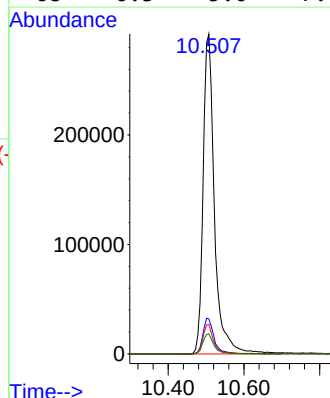
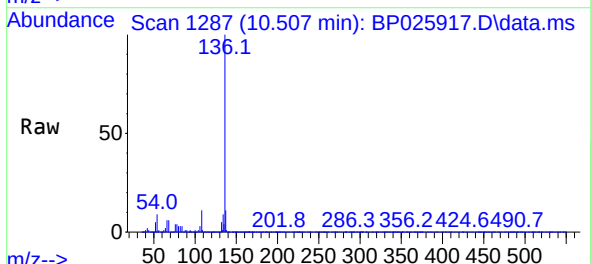
Instrument :
BNA_P
ClientSampleId :
SG-1-TEST-PIT

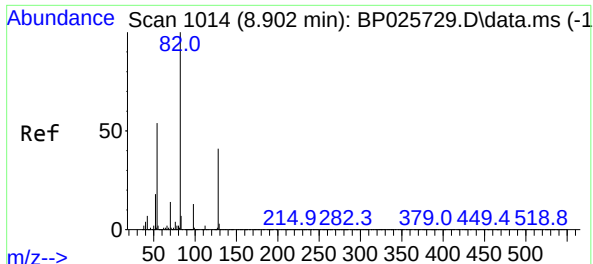
Tgt Ion: 99 Resp: 1262361
Ion Ratio Lower Upper
99 100
42 18.1 15.6 23.4
71 35.4 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025917.D
Acq: 03 Oct 2025 17:02

Tgt Ion: 136 Resp: 610167
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.3 7.5 11.3
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 57.519 ng

RT: 8.884 min Scan# 1011

Delta R.T. -0.018 min

Lab File: BP025917.D

Acq: 03 Oct 2025 17:02

Instrument :

BNA_P

ClientSampleId :

SG-1-TEST-PIT

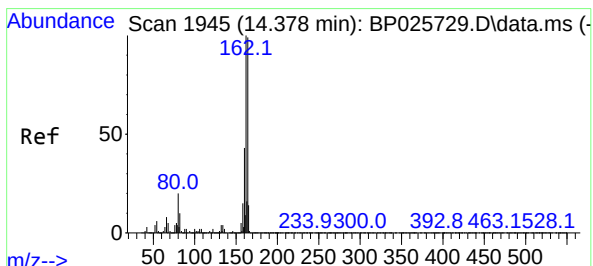
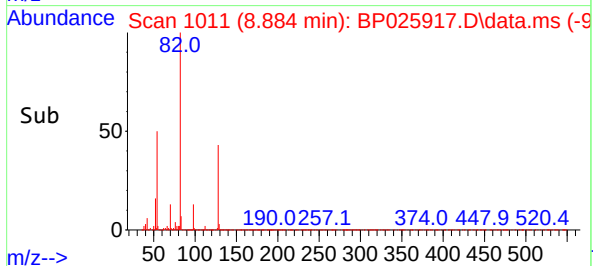
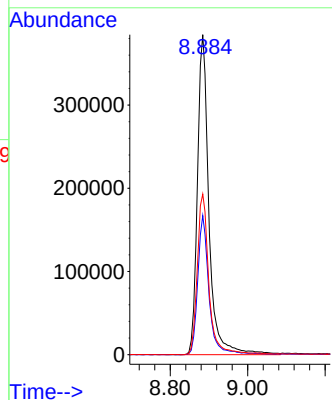
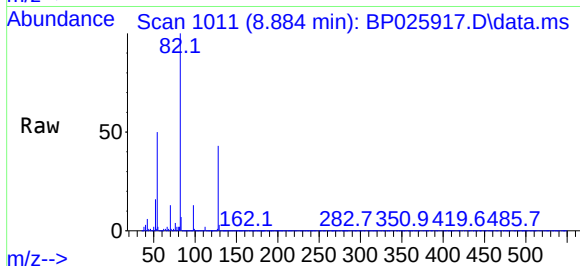
Tgt Ion: 82 Resp: 795633

Ion Ratio Lower Upper

82 100

128 43.5 32.9 49.3

54 50.2 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.348 min Scan# 1940

Delta R.T. -0.030 min

Lab File: BP025917.D

Acq: 03 Oct 2025 17:02

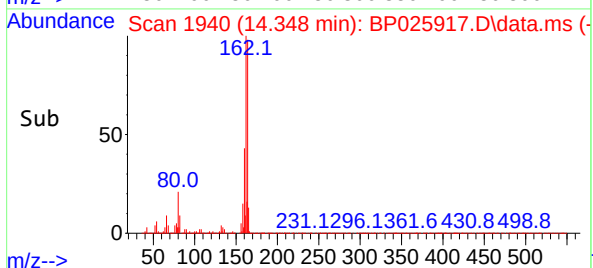
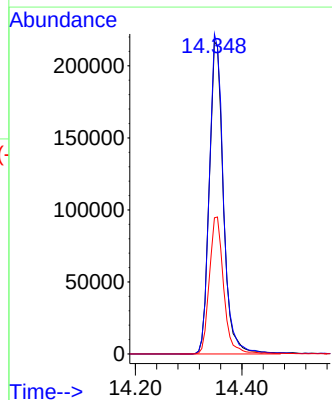
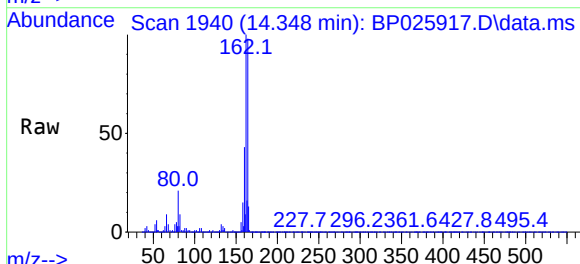
Tgt Ion: 164 Resp: 398543

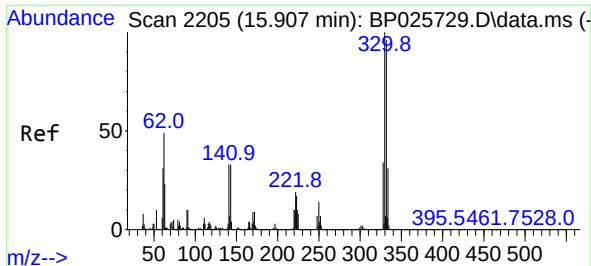
Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

160 43.6 35.0 52.6

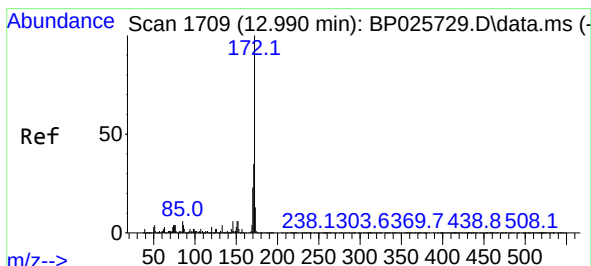
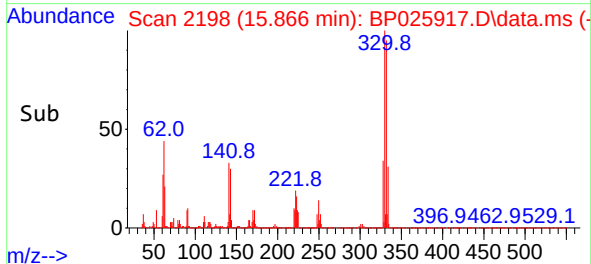
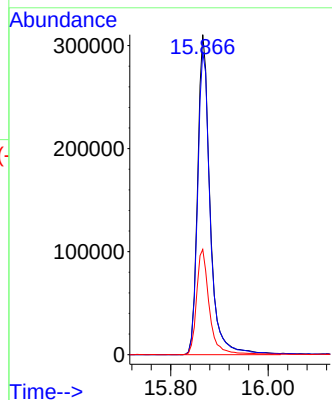
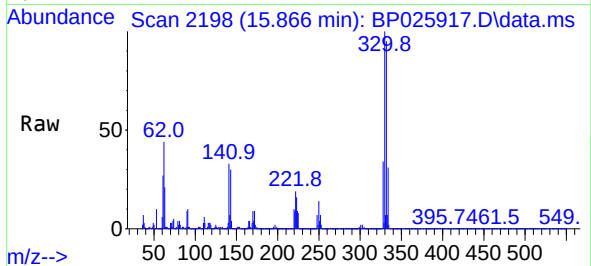




#42
2,4,6-Tribromophenol
Concen: 111.728 ng
RT: 15.866 min Scan# 21
Delta R.T. -0.041 min
Lab File: BP025917.D
Acq: 03 Oct 2025 17:02

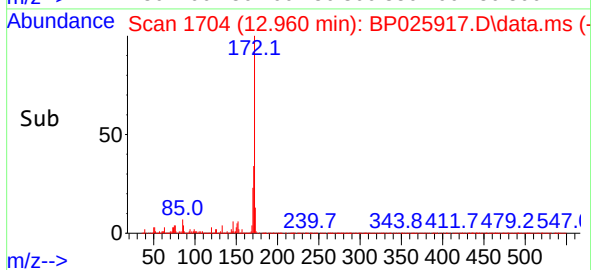
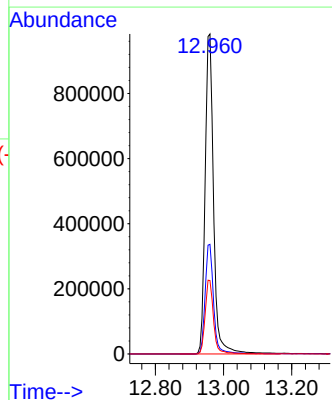
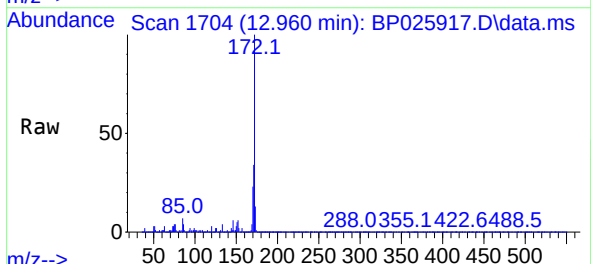
Instrument :
BNA_P
ClientSampleId :
SG-1-TEST-PIT

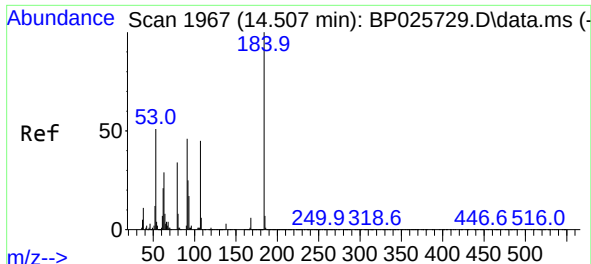
Tgt Ion:330 Resp: 555405
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 33.7 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 56.612 ng
RT: 12.960 min Scan# 1704
Delta R.T. -0.030 min
Lab File: BP025917.D
Acq: 03 Oct 2025 17:02

Tgt Ion:172 Resp: 1694505
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 22.9 18.6 27.8



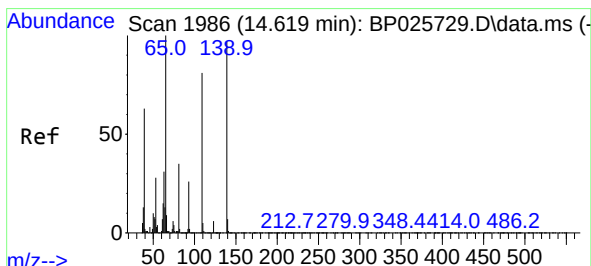
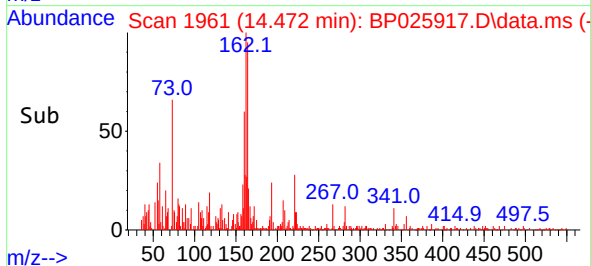
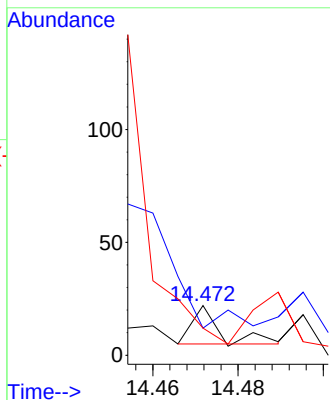
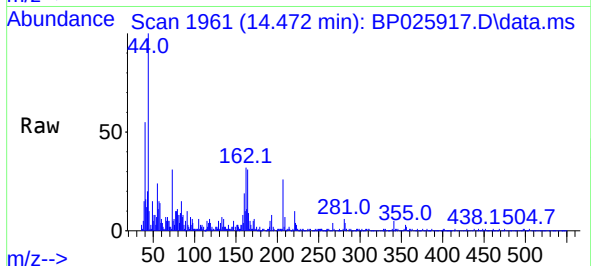


#54
2,4-Dinitrophenol
Concen: 4.826 ng
RT: 14.472 min Scan# 1961
Delta R.T. -0.035 min
Lab File: BP025917.D
Acq: 03 Oct 2025 17:02

Instrument :
BNA_P
ClientSampleId :
SG-1-TEST-PIT

Tgt Ion:184 Resp: 8

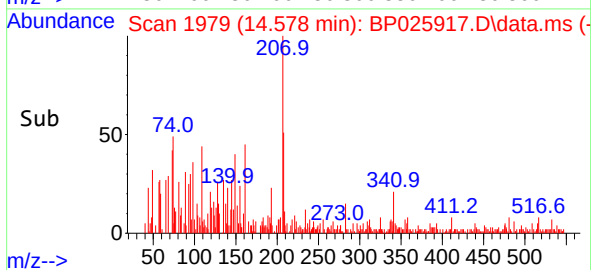
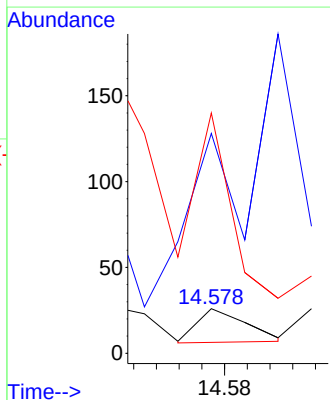
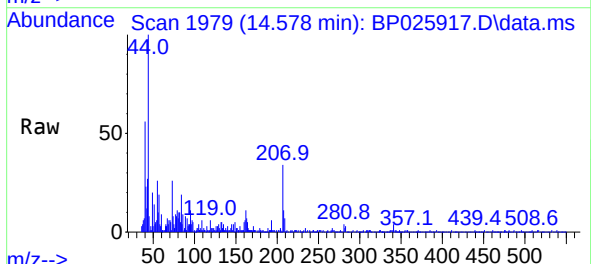
Ion	Ratio	Lower	Upper
184	100		
63	54.5	52.5	78.7
154	54.5	51.5	77.3

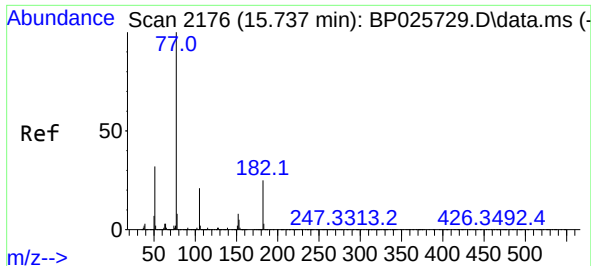


#56
4-Nitrophenol
Concen: 4.484 ng
RT: 14.578 min Scan# 1979
Delta R.T. -0.041 min
Lab File: BP025917.D
Acq: 03 Oct 2025 17:02

Tgt Ion:139 Resp: 12

Ion	Ratio	Lower	Upper
139	100		
109	561.5	62.9	102.9#
65	538.5	83.4	123.4#

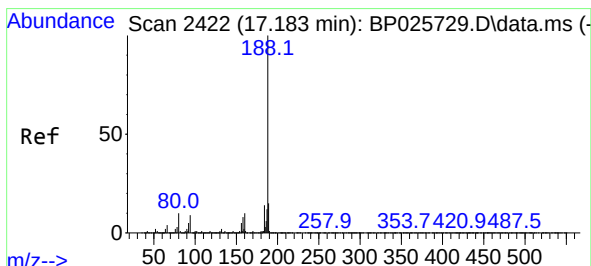
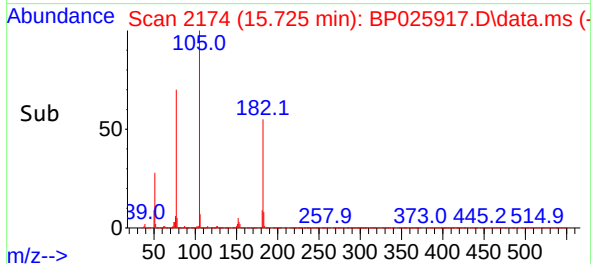
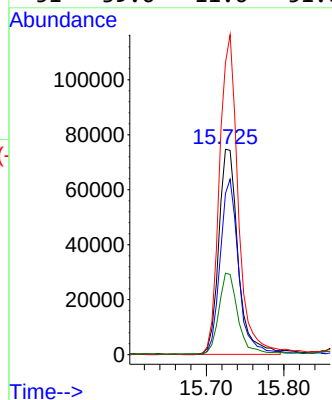
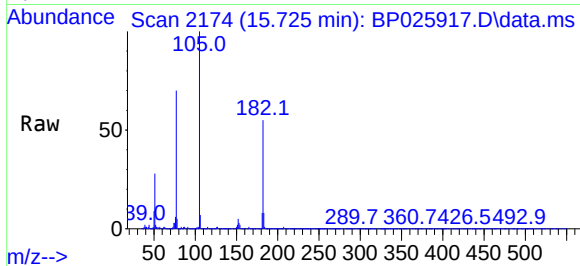




#63
Azobenzene
Concen: 4.351 ng
RT: 15.725 min Scan# 2176
Delta R.T. -0.012 min
Lab File: BP025917.D
Acq: 03 Oct 2025 17:02

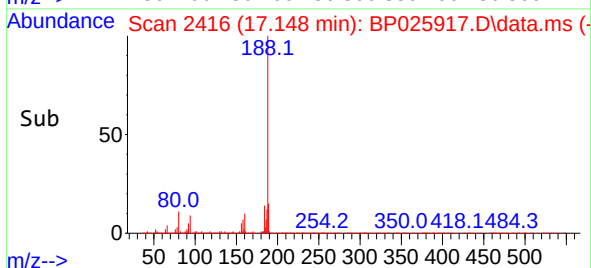
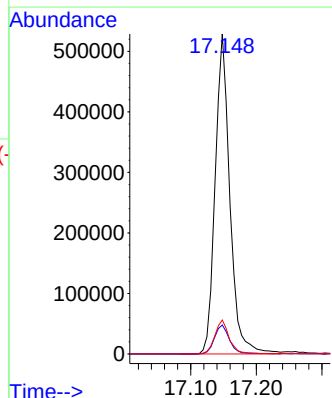
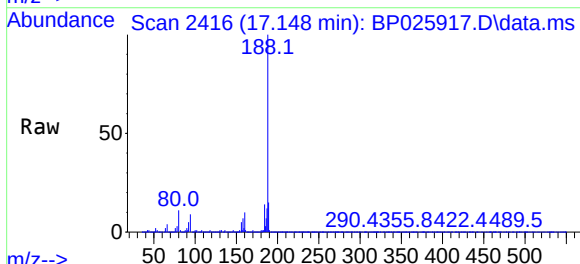
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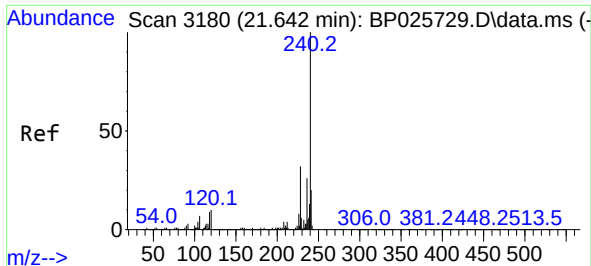
Tgt Ion: 77 Resp: 129849
Ion Ratio Lower Upper
77 100
182 78.4 5.2 45.2#
105 142.1 1.1 41.1#
51 39.6 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.148 min Scan# 2416
Delta R.T. -0.035 min
Lab File: BP025917.D
Acq: 03 Oct 2025 17:02

Tgt Ion: 188 Resp: 820263
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.6 7.7 11.5

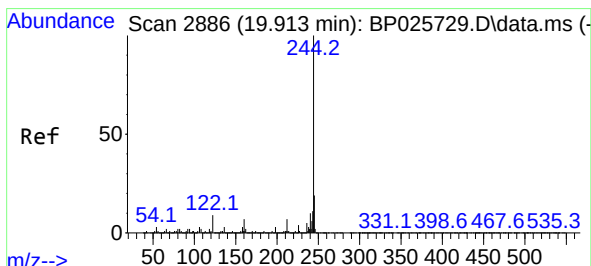
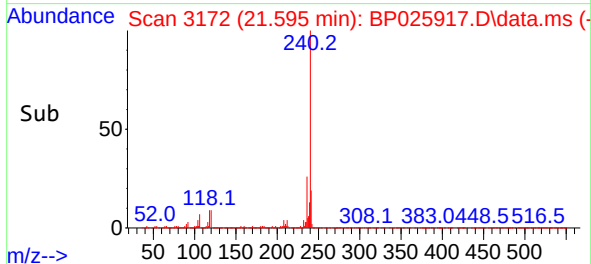
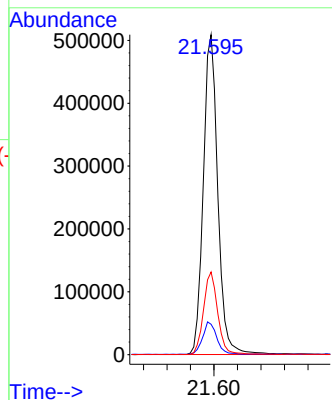
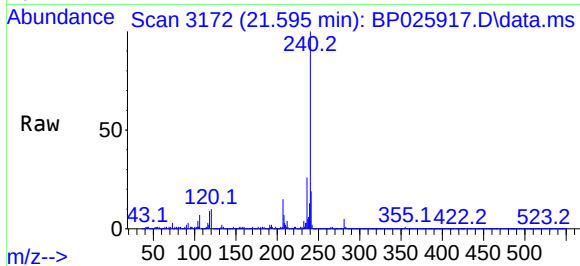




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 31
Delta R.T. -0.047 min
Lab File: BP025917.D
Acq: 03 Oct 2025 17:02

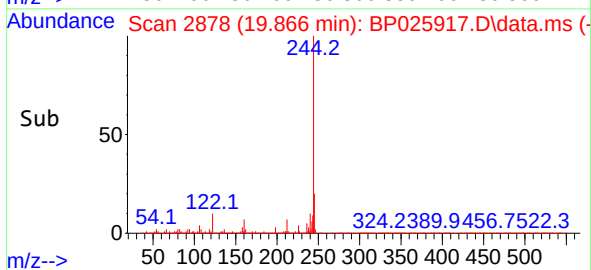
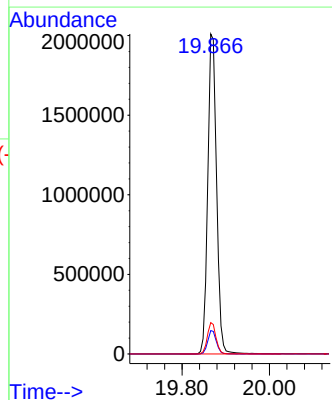
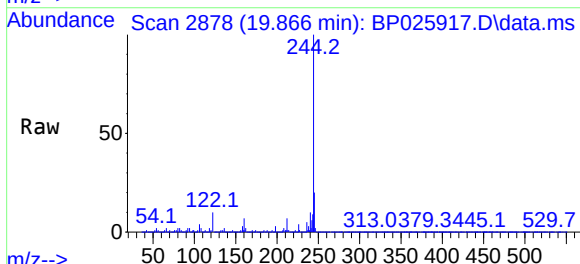
Instrument :
BNA_P
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SG-1-TEST-PIT

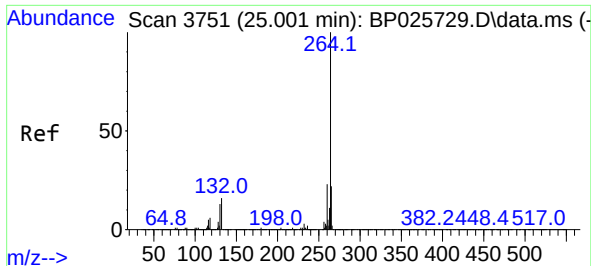
Tgt Ion:240 Resp: 873394
Ion Ratio Lower Upper
240 100
120 9.5 8.0 12.0
236 25.8 20.7 31.1



#79
Terphenyl-d14
Concen: 58.066 ng
RT: 19.866 min Scan# 2878
Delta R.T. -0.047 min
Lab File: BP025917.D
Acq: 03 Oct 2025 17:02

Tgt Ion:244 Resp: 2819062
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.8 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.954 min Scan# 31
 Delta R.T. -0.047 min
 Lab File: BP025917.D
 Acq: 03 Oct 2025 17:02

Instrument :
 BNA_P
 ClientSampleId :
 SG-1-TEST-PIT

Tgt Ion:264 Resp: 966547
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 22.4 17.3 25.9

