

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
 Data File : BP025796.D
 Acq On : 19 Sep 2025 13:01
 Operator : CG/JU
 Sample : Q3108-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 19 13:23:03 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)

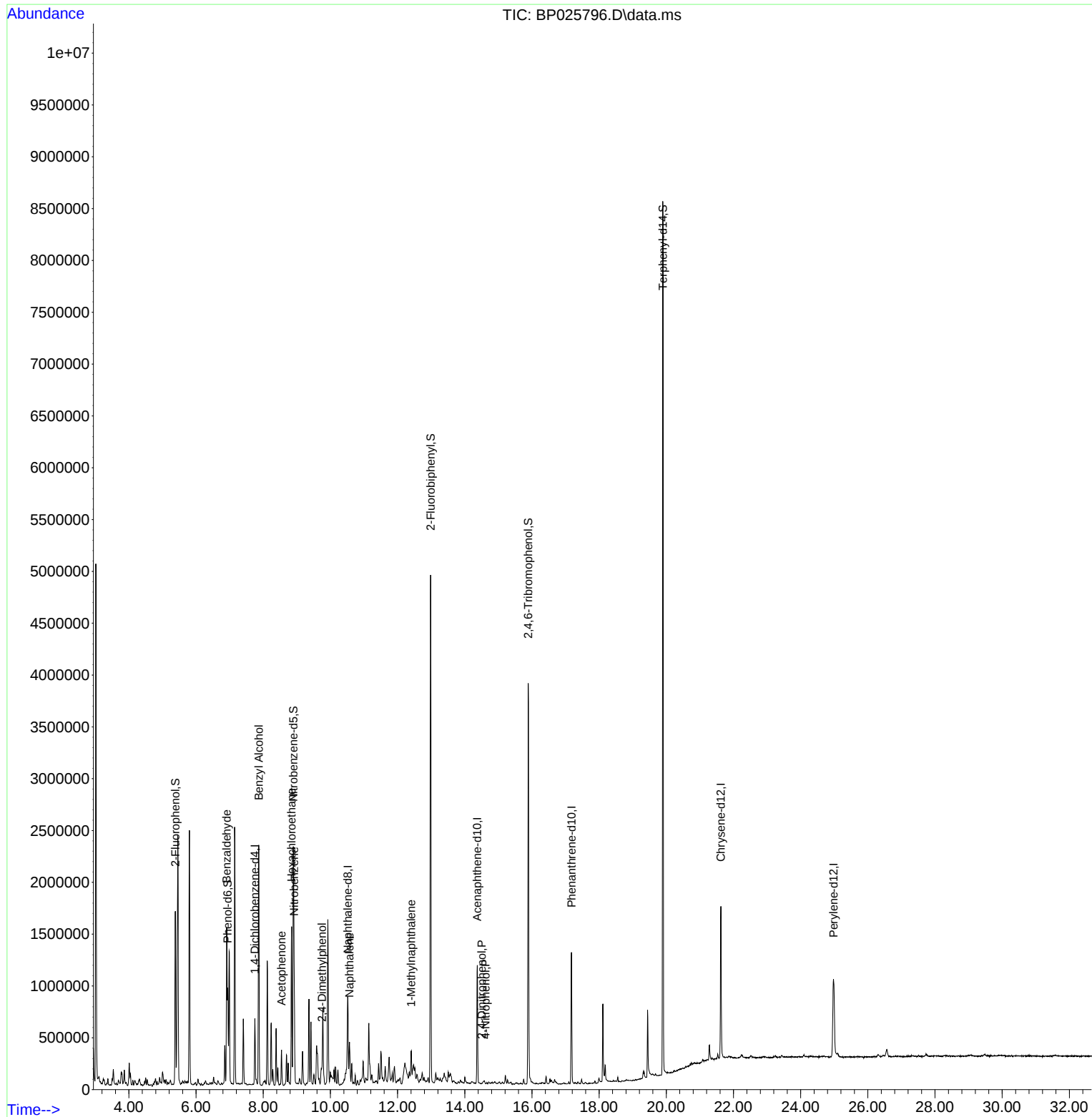
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	165881	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	650117	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	426439	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	855270	20.000	ng	0.00
76) Chrysene-d12	21.624	240	903003	20.000	ng	-0.02
86) Perylene-d12	24.983	264	964980	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	764877	74.401	ng	0.00
7) Phenol-d6	6.943	99	586055	42.888	ng	0.00
23) Nitrobenzene-d5	8.896	82	1370645	92.999	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	774413	145.594	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2867026	89.520	ng	0.00
79) Terphenyl-d14	19.895	244	4227832	84.228	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.913	77	108311	13.224	ng	# 1
15) Benzyl Alcohol	7.866	79	122465	10.846	ng	# 5
18) Hexachloroethane	8.843	117	136513	27.334	ng	# 1
22) Acetophenone	8.543	105	229639	13.218	ng	# 56
24) Nitrobenzene	8.919	77	35116	2.656	ng	# 1
27) 2,4-Dimethylphenol	9.749	122	37354	3.627	ng	# 89
31) Naphthalene	10.566	128	116338	3.319	ng	# 87
38) 1-Methylnaphthalene	12.401	142	76940	3.205	ng	# 98
54) 2,4-Dinitrophenol	14.507	184	7	4.826	ng	# 1
56) 4-Nitrophenol	14.619	139	137	4.503	ng	# 24

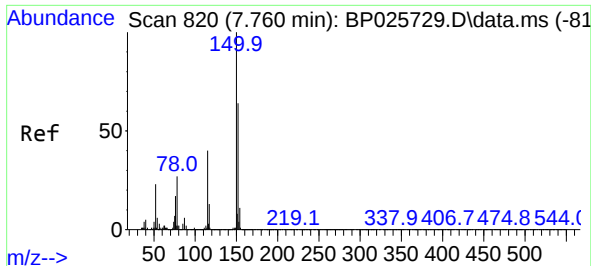
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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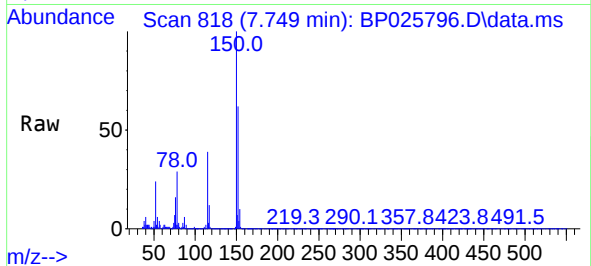
Quant Time: Sep 19 13:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
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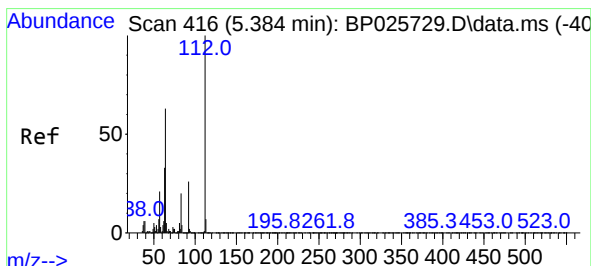
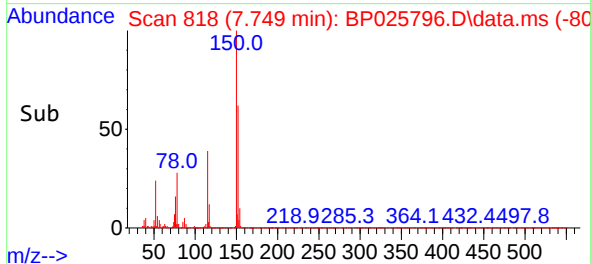
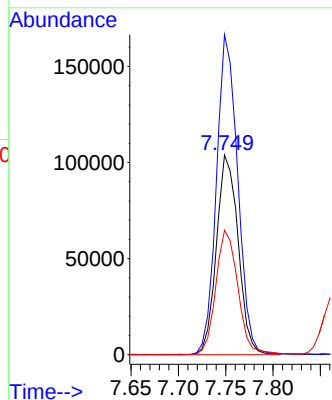


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :

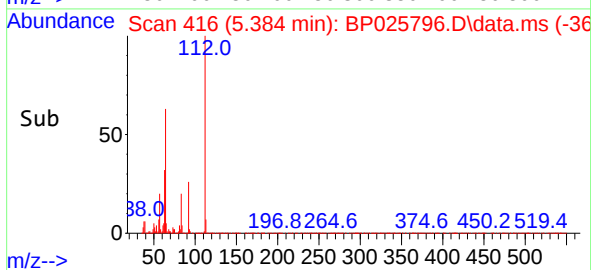
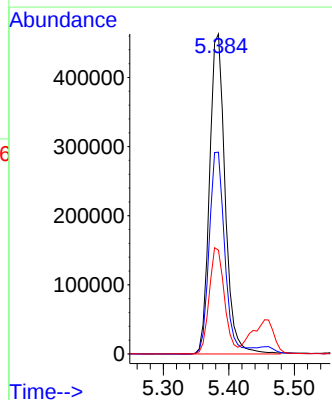
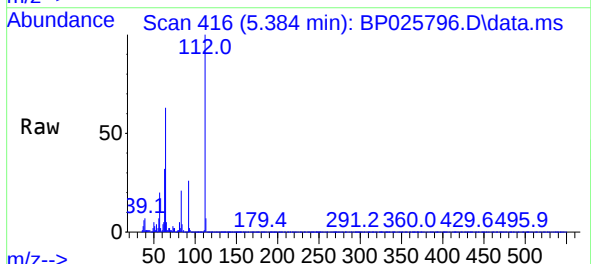


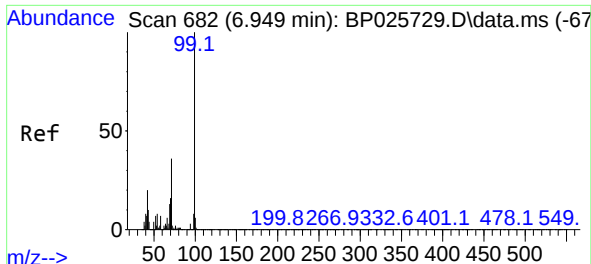
Tgt Ion:152 Resp: 165881
Ion Ratio Lower Upper
152 100
150 160.2 124.3 186.5
115 62.2 50.3 75.5



#5
2-Fluorophenol
Concen: 74.401 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:112 Resp: 764877
Ion Ratio Lower Upper
112 100
64 63.0 50.2 75.4
63 32.4 26.7 40.1

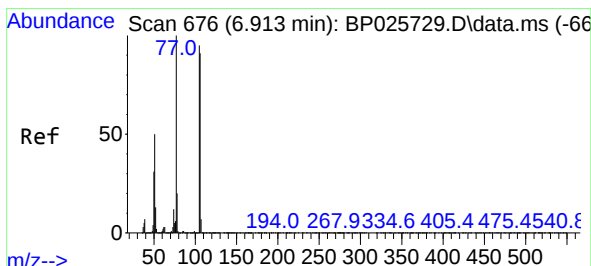
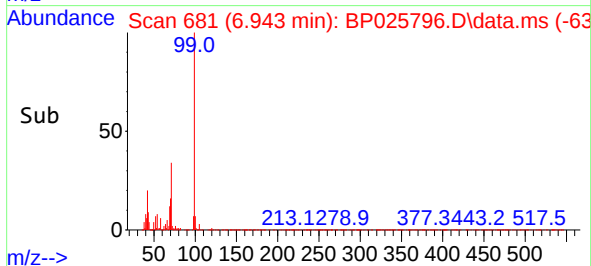
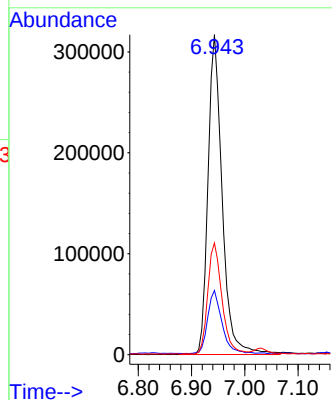
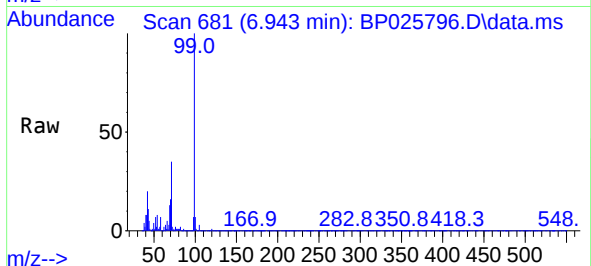




#7
Phenol-d6
Concen: 42.888 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

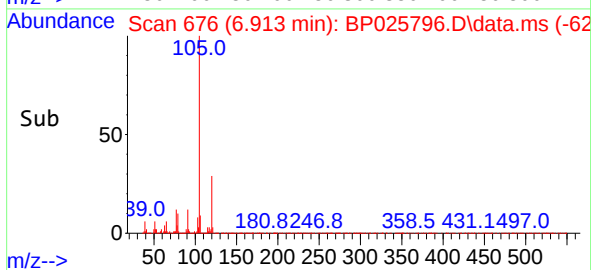
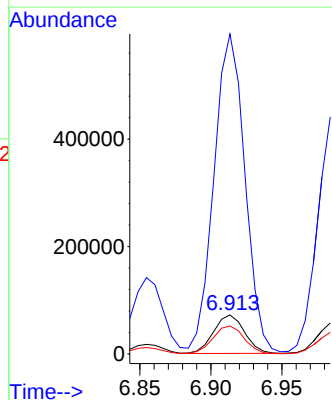
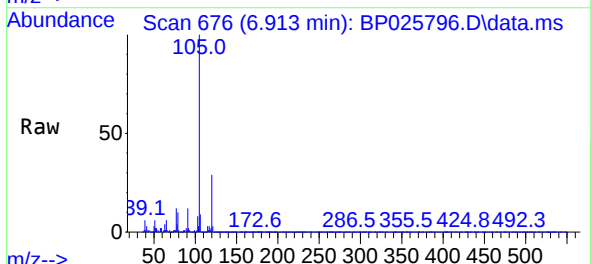
Instrument :
BNA_P
ClientSampleId :

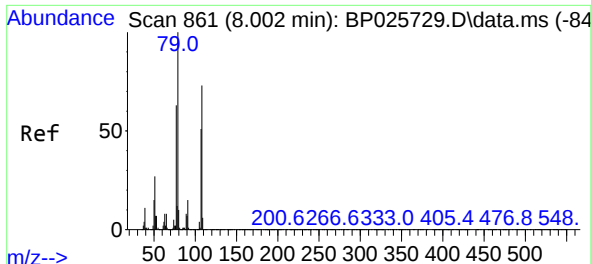
Tgt Ion: 99 Resp: 586055
Ion Ratio Lower Upper
99 100
42 20.0 15.6 23.4
71 34.9 28.6 43.0



#9
Benzaldehyde
Concen: 13.224 ng
RT: 6.913 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion: 77 Resp: 108311
Ion Ratio Lower Upper
77 100
105 818.7 75.2 115.2#
106 71.5 71.3 111.3

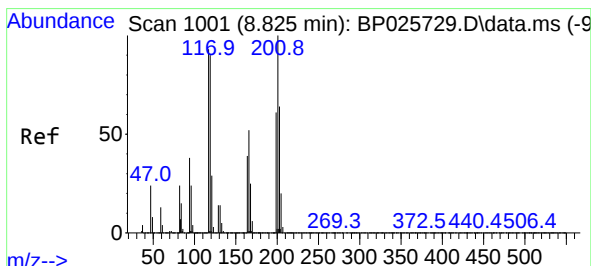
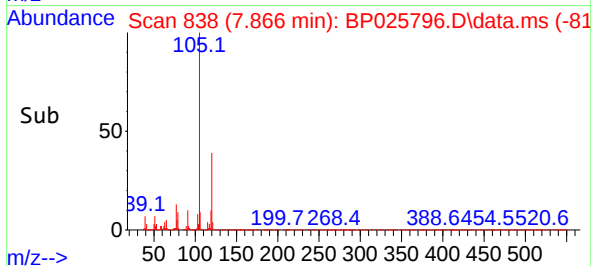
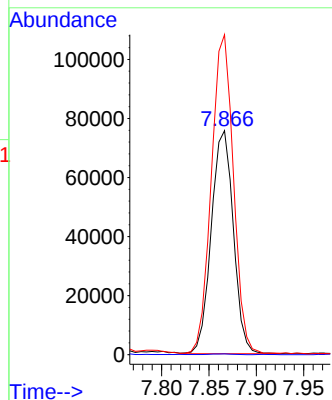
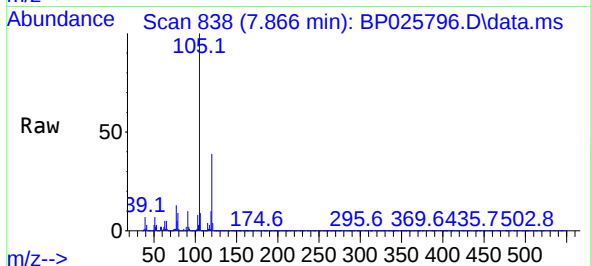




#15
Benzyl Alcohol
Concen: 10.846 ng
RT: 7.866 min Scan# 81
Delta R.T. -0.135 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

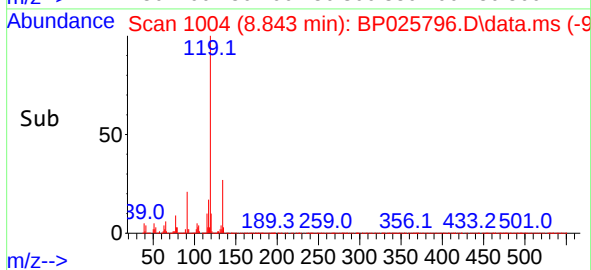
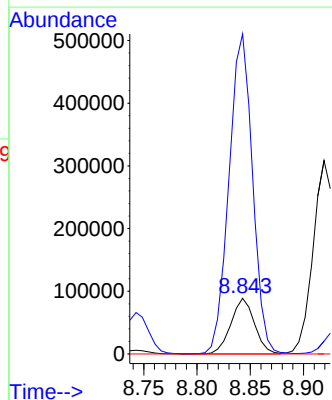
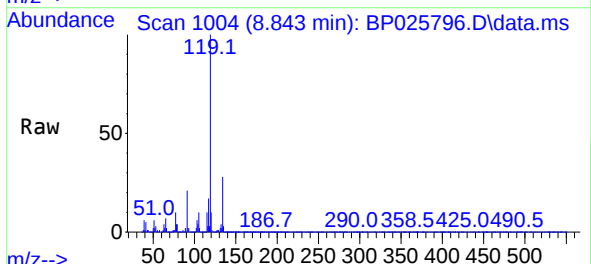
Instrument :
BNA_P
ClientSampleId :

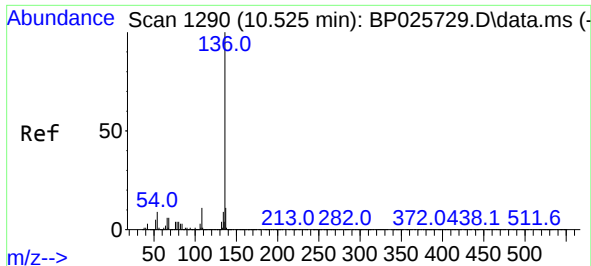
Tgt Ion: 79 Resp: 122465
Ion Ratio Lower Upper
79 100
108 0.3 58.7 88.1#
77 142.8 50.2 75.2#



#18
Hexachloroethane
Concen: 27.334 ng
RT: 8.843 min Scan# 1004
Delta R.T. 0.018 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion: 117 Resp: 136513
Ion Ratio Lower Upper
117 100
119 574.3 77.1 115.7#
201 0.0 85.6 128.4#



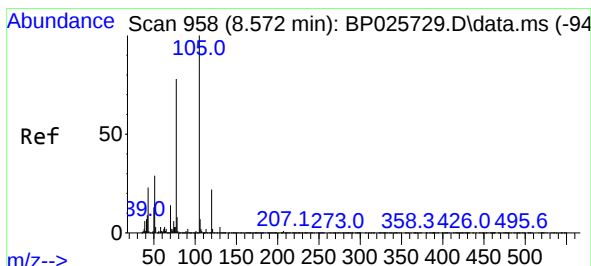
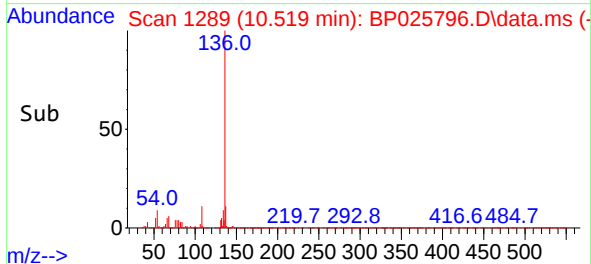
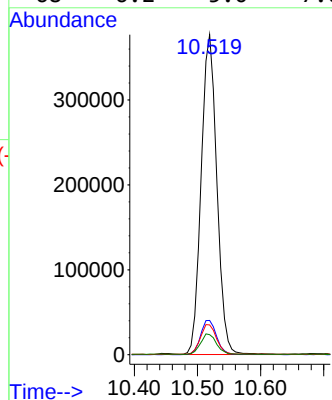
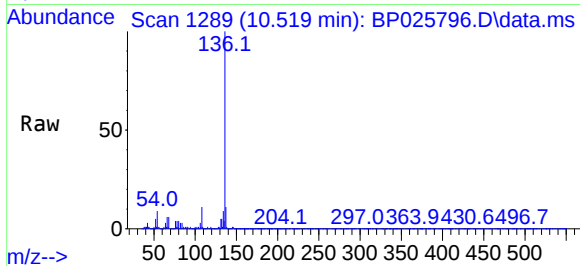


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 650117

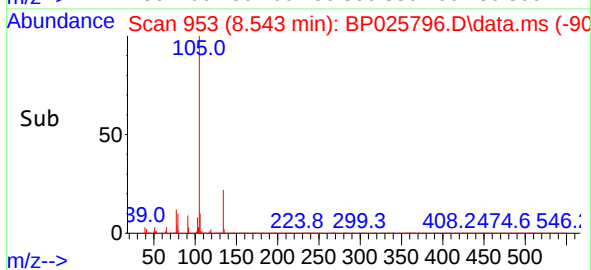
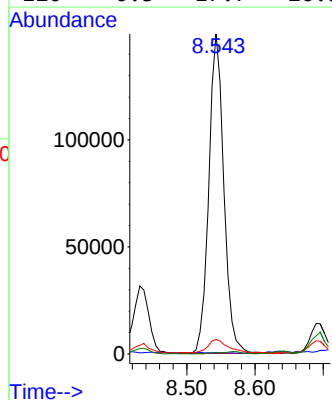
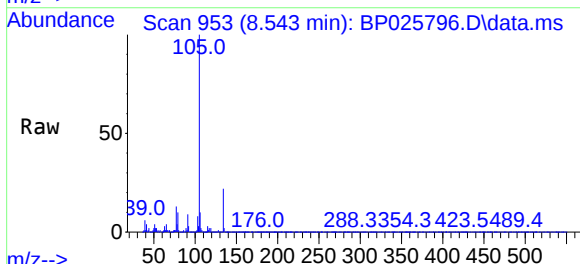
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.3	7.5	11.3
68	6.2	5.0	7.6

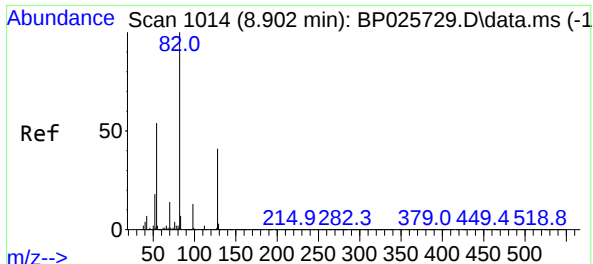


#22
Acetophenone
Concen: 13.218 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.029 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:105 Resp: 229639

Ion	Ratio	Lower	Upper
105	100		
71	0.5	1.8	2.8#
51	4.5	23.5	35.3#
120	0.3	17.7	26.5#





#23

Nitrobenzene-d5

Concen: 92.999 ng

RT: 8.896 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BP025796.D

Acq: 19 Sep 2025 13:01

Instrument :

BNA_P

ClientSampleId :

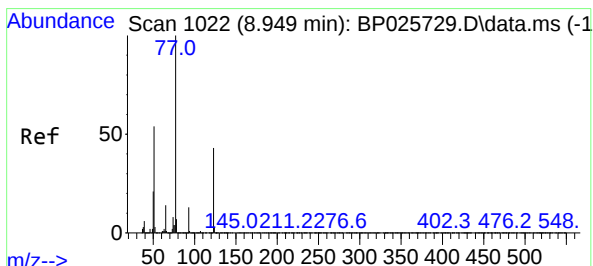
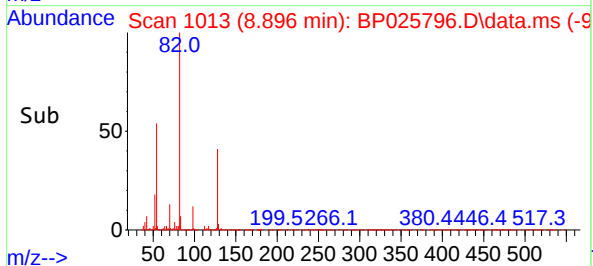
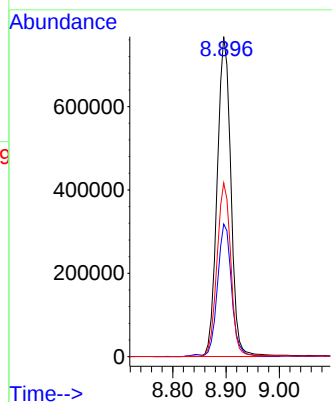
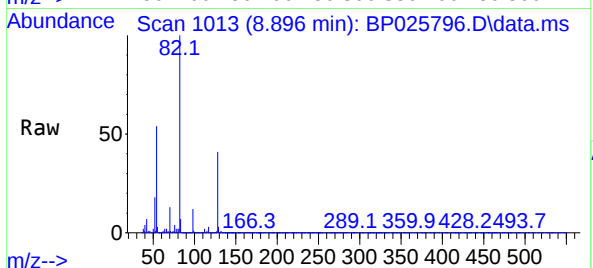
Tgt Ion: 82 Resp: 1370645

Ion Ratio Lower Upper

82 100

128 41.4 32.9 49.3

54 54.3 43.4 65.2



#24

Nitrobenzene

Concen: 2.656 ng

RT: 8.919 min Scan# 1017

Delta R.T. -0.029 min

Lab File: BP025796.D

Acq: 19 Sep 2025 13:01

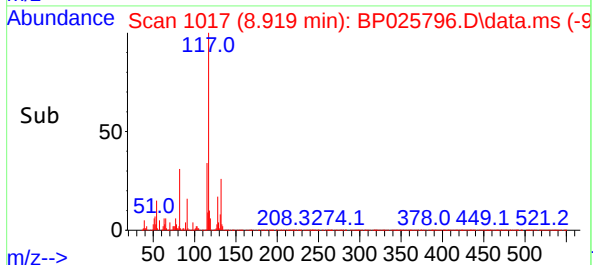
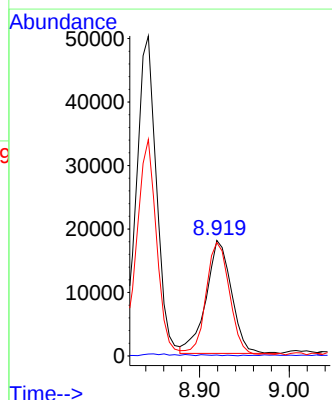
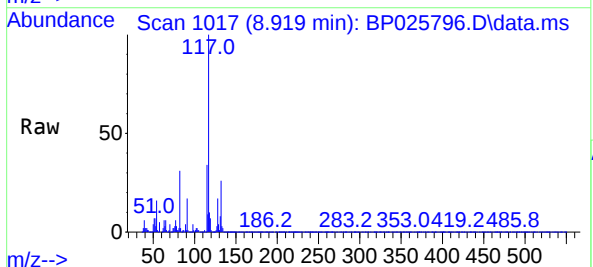
Tgt Ion: 77 Resp: 35116

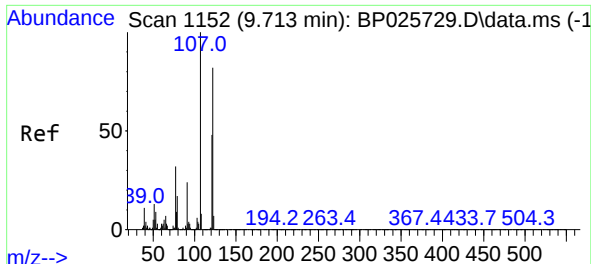
Ion Ratio Lower Upper

77 100

123 0.9 34.4 51.6#

65 98.2 10.8 16.2#

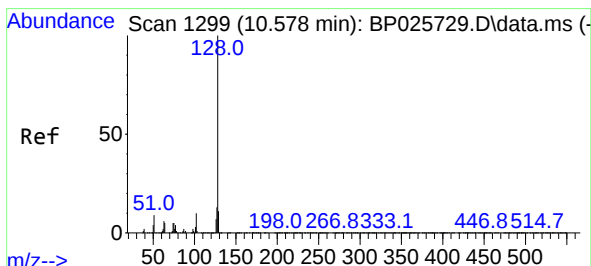
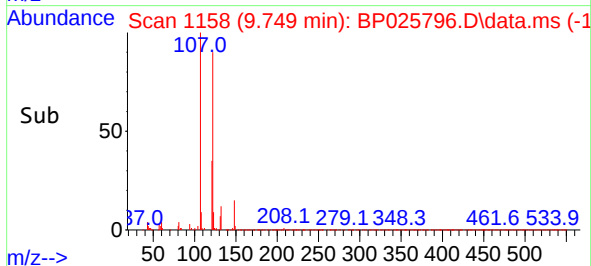
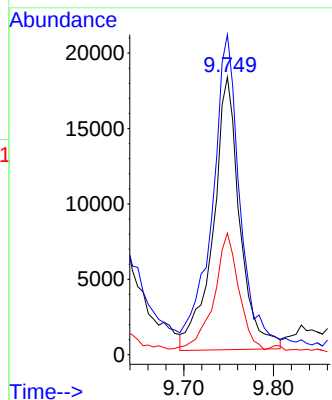
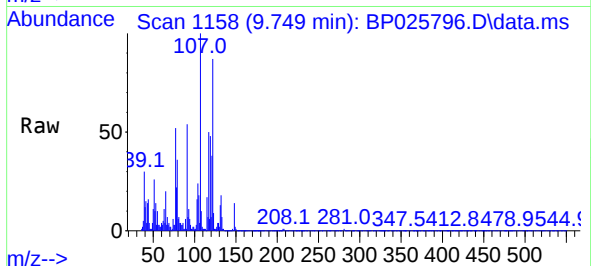




#27
2,4-Dimethylphenol
Concen: 3.627 ng
RT: 9.749 min Scan# 1158
Delta R.T. 0.035 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

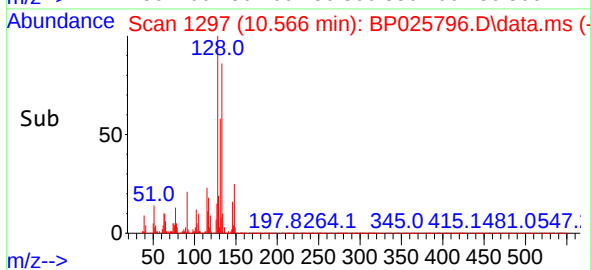
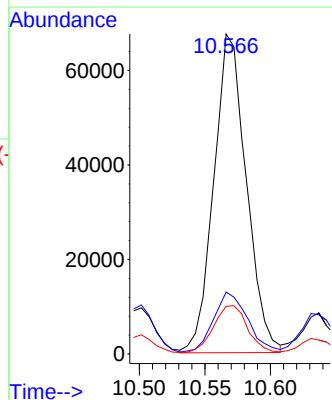
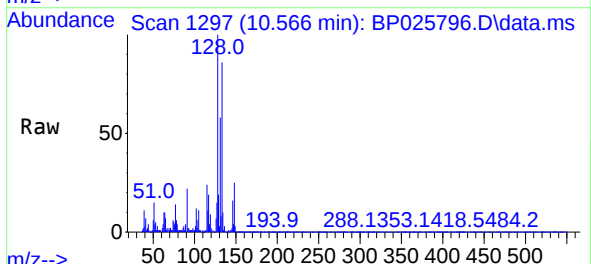
Instrument :
BNA_P
ClientSampleId :

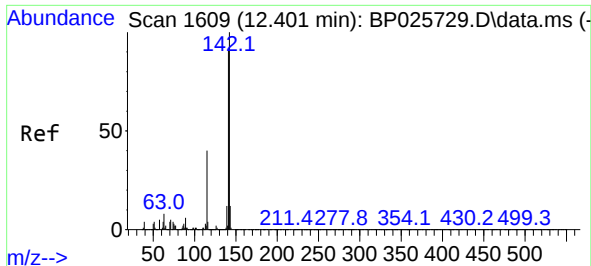
Tgt Ion:122 Resp: 37354
Ion Ratio Lower Upper
122 100
107 115.3 97.9 146.9
121 43.8 47.4 71.0#



#31
Naphthalene
Concen: 3.319 ng
RT: 10.566 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:128 Resp: 116338
Ion Ratio Lower Upper
128 100
129 19.4 8.6 12.8#
127 14.9 10.2 15.4

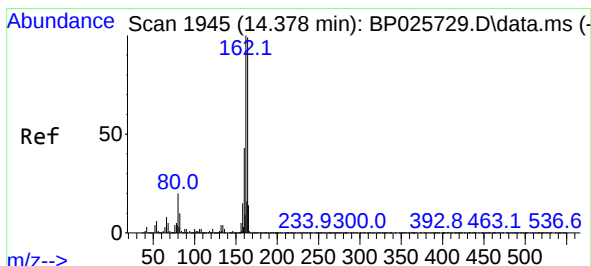
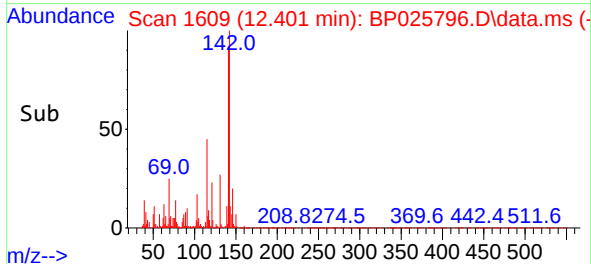
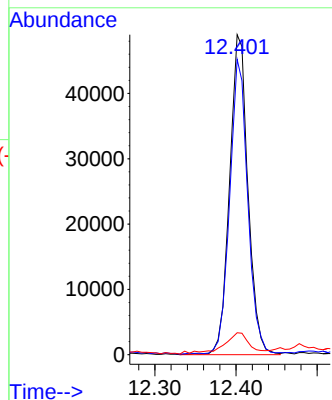
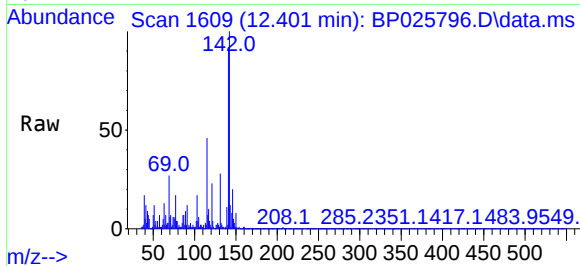




#38
1-Methylnaphthalene
Concen: 3.205 ng
RT: 12.401 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

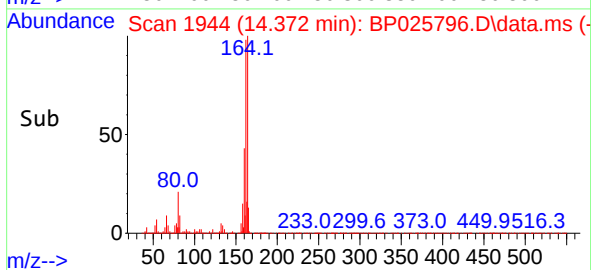
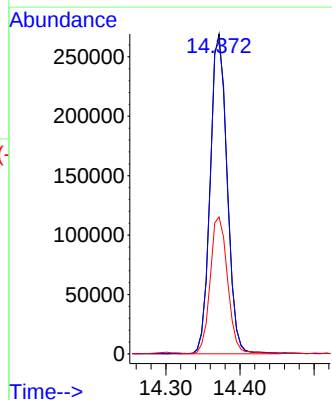
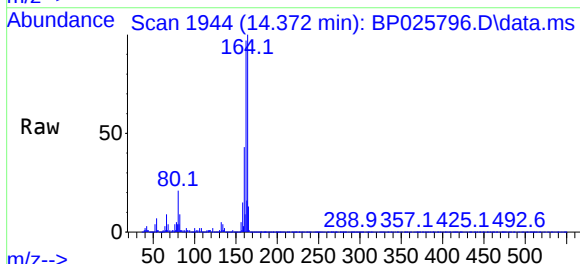
Instrument :
BNA_P
ClientSampleId :

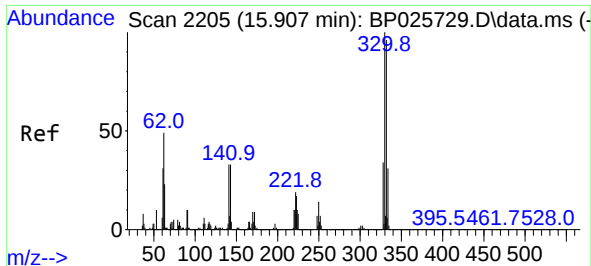
Tgt Ion:142 Resp: 76940
Ion Ratio Lower Upper
142 100
141 92.2 72.7 109.1
116 6.9 3.5 5.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

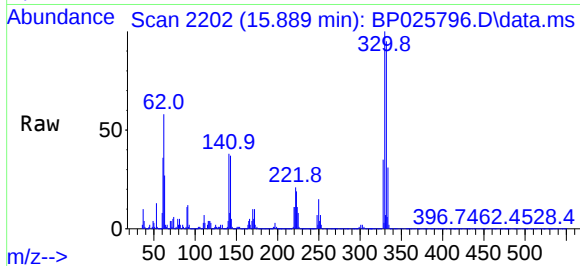
Tgt Ion:164 Resp: 426439
Ion Ratio Lower Upper
164 100
162 97.4 80.6 120.8
160 42.8 35.0 52.6



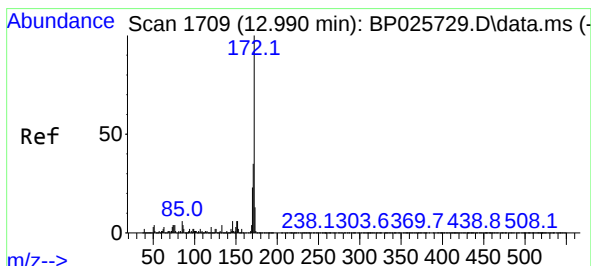
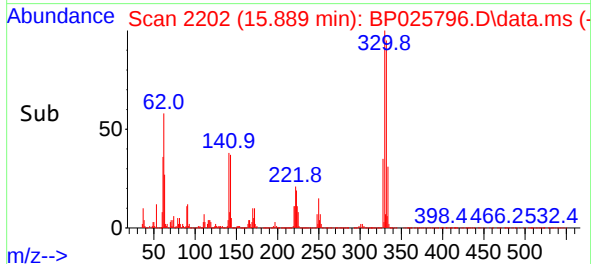
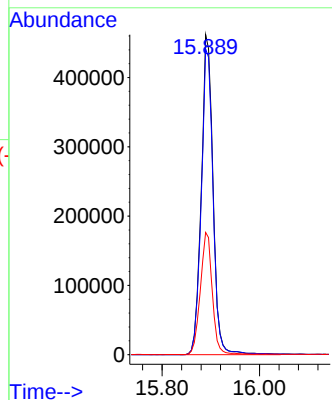


#42
2,4,6-Tribromophenol
Concen: 145.594 ng
RT: 15.889 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :

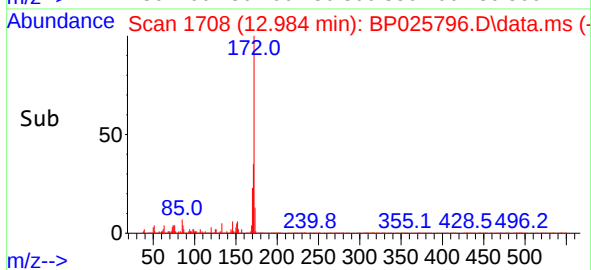
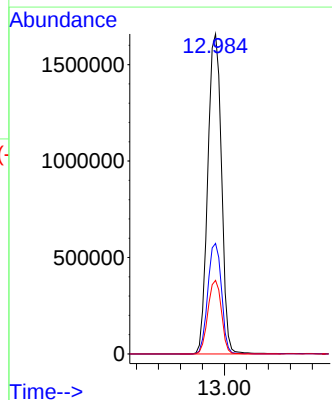
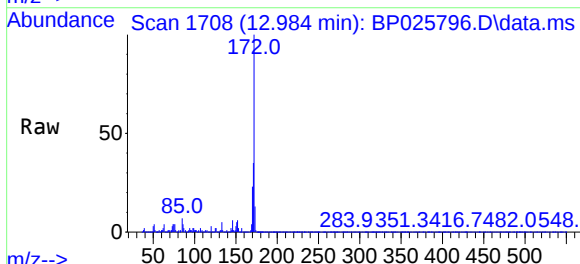


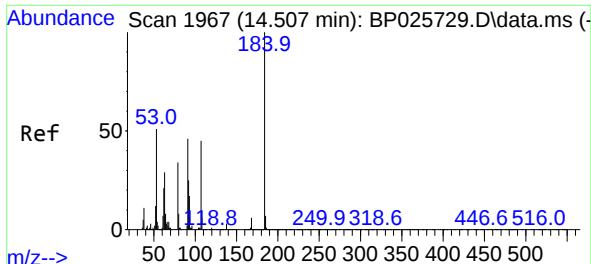
Tgt Ion:330 Resp: 774413
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 38.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 89.520 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:172 Resp: 2867026
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.0 18.6 27.8

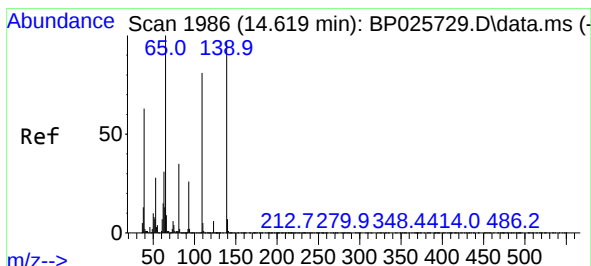
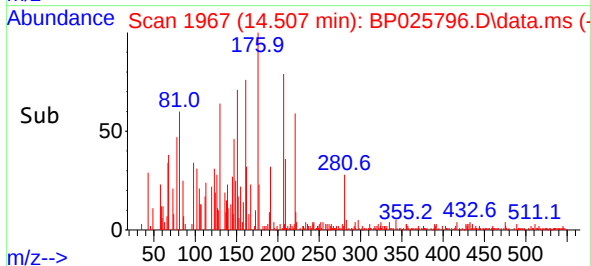
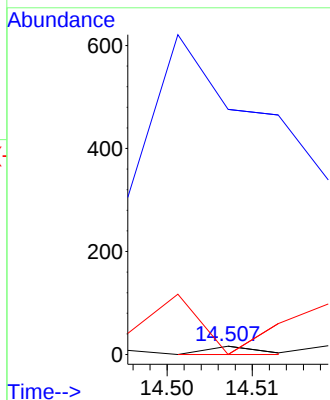
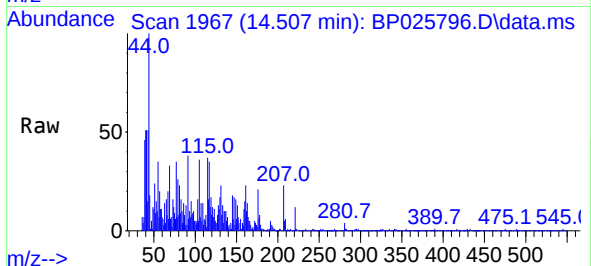




#54
2,4-Dinitrophenol
Concen: 4.826 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

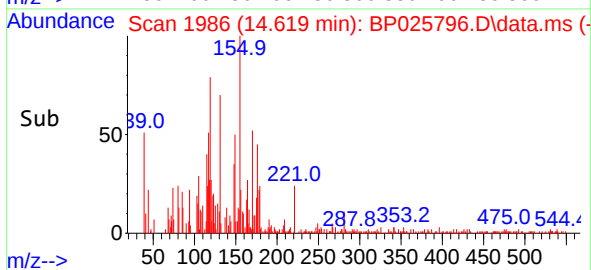
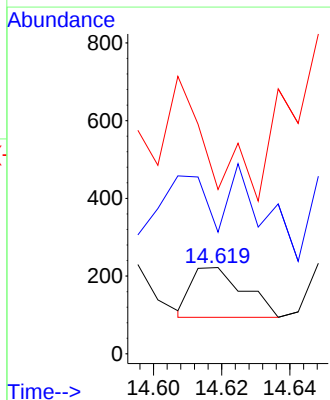
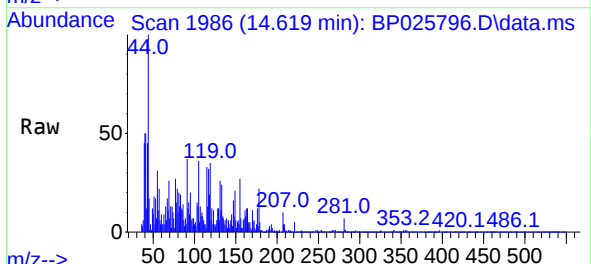
Instrument :
BNA_P
ClientSampleId :

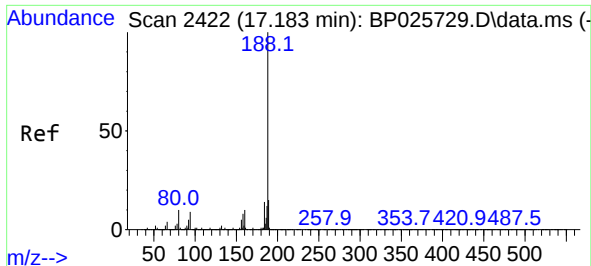
Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 2975.0 52.5 78.7#
154 0.0 51.5 77.3#



#56
4-Nitrophenol
Concen: 4.503 ng
RT: 14.619 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:139 Resp: 137
Ion Ratio Lower Upper
139 100
109 141.0 62.9 102.9#
65 190.5 83.4 123.4#

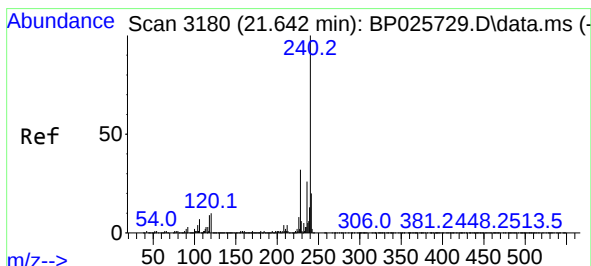
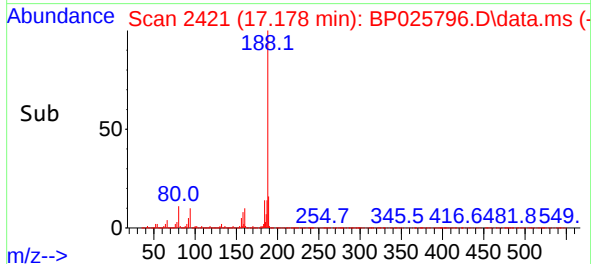
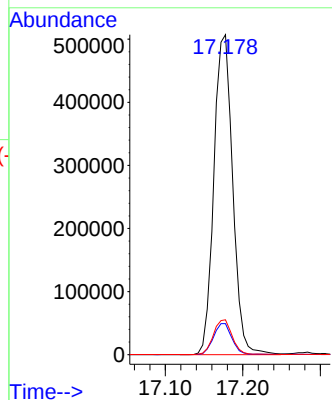
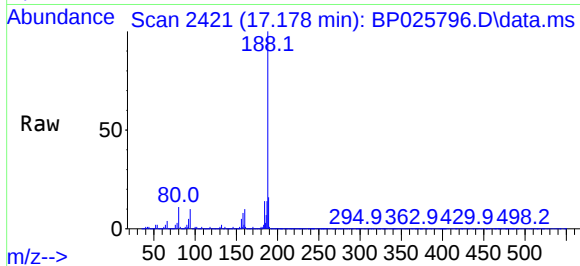




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

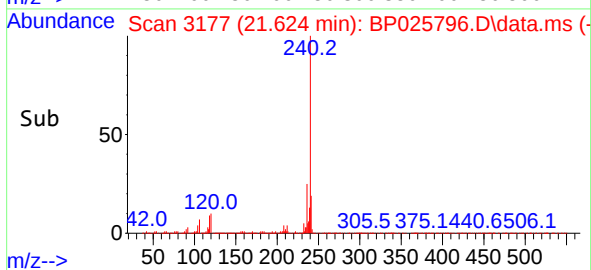
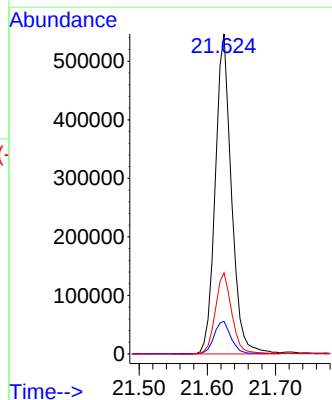
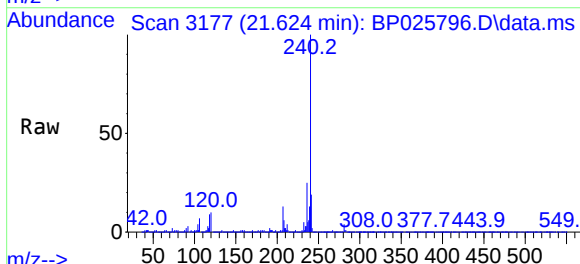
Instrument :
BNA_P
ClientSampleId :

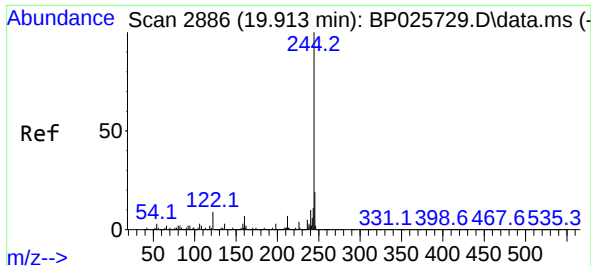
Tgt Ion:188 Resp: 855270
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.0
80 10.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.018 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:240 Resp: 903003
Ion Ratio Lower Upper
240 100
120 10.2 8.0 12.0
236 25.4 20.7 31.1

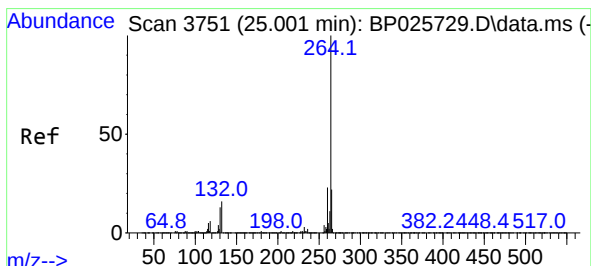
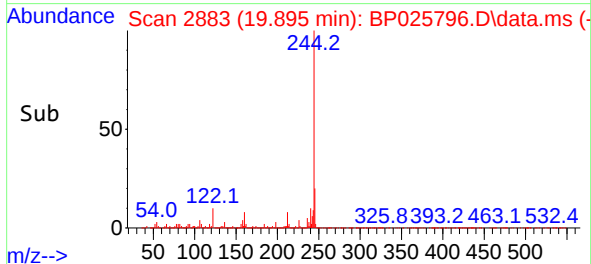
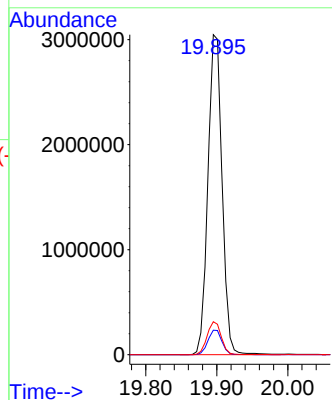
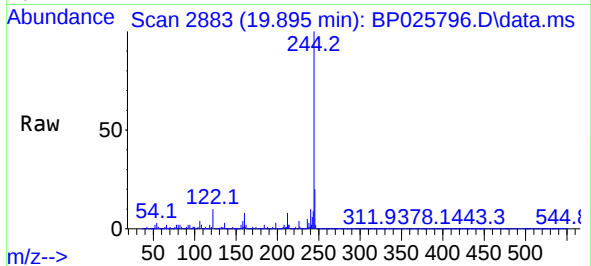




#79
 Terphenyl-d14
 Concen: 84.228 ng
 RT: 19.895 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP025796.D
 Acq: 19 Sep 2025 13:01

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:244 Resp: 4227832
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 10.3 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.983 min Scan# 3748
 Delta R.T. -0.018 min
 Lab File: BP025796.D
 Acq: 19 Sep 2025 13:01

Tgt Ion:264 Resp: 964980
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.3 27.5
 265 21.4 17.3 25.9

