

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
 Data File : BP025782.D
 Acq On : 18 Sep 2025 13:57
 Operator : CG/JU
 Sample : Q3015-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WP0925-PT-ACIDS-WPDL

Quant Time: Sep 18 14:54:28 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)

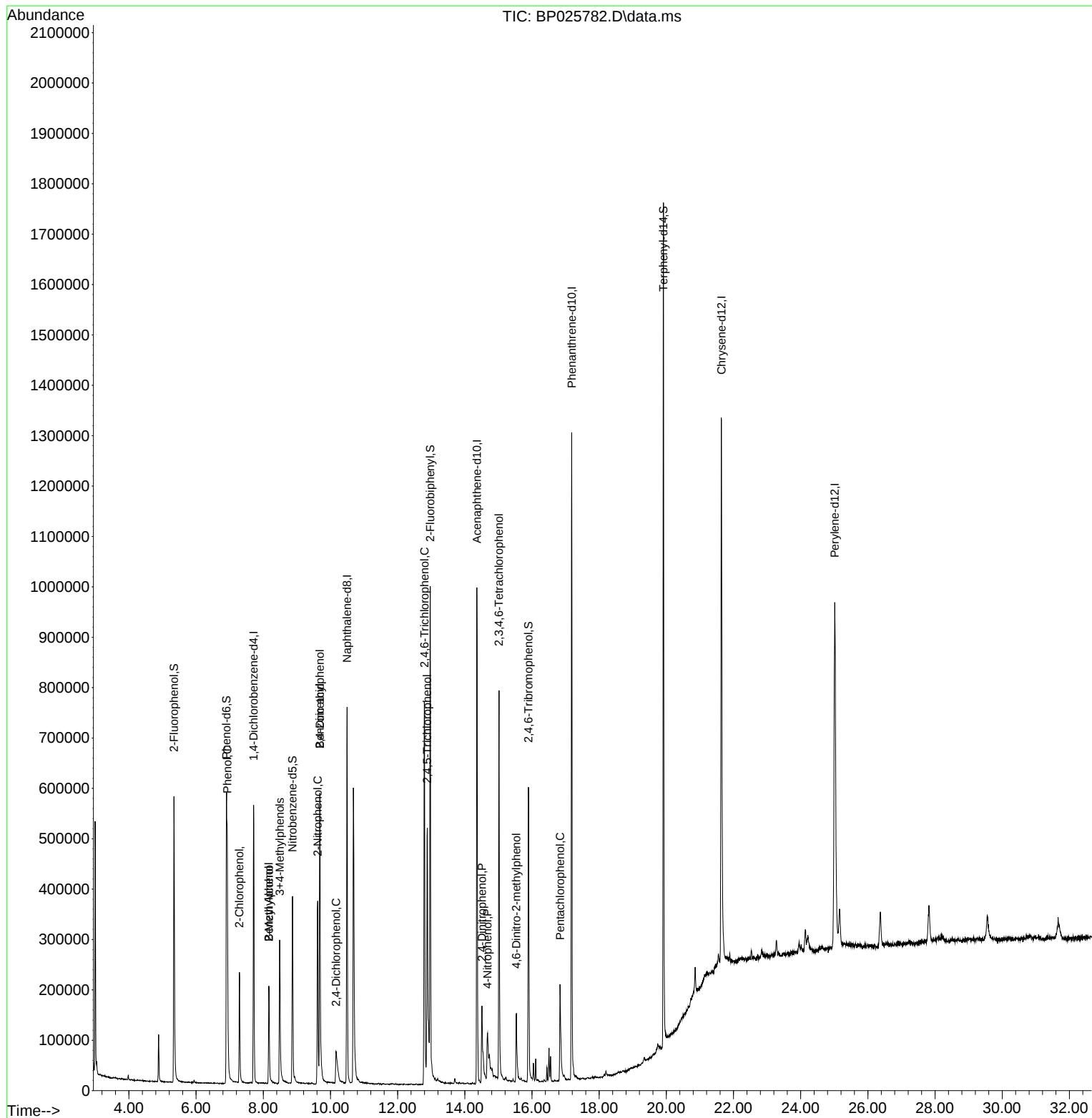
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.713	152	153740	20.000	ng	-0.05
21) Naphthalene-d8	10.495	136	591198	20.000	ng	-0.03
39) Acenaphthene-d10	14.360	164	370117	20.000	ng	-0.02
64) Phenanthrene-d10	17.183	188	786882	20.000	ng	0.00
76) Chrysene-d12	21.642	240	850407	20.000	ng	0.00
86) Perylene-d12	25.012	264	920116	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.343	112	273297	28.683	ng	-0.04
7) Phenol-d6	6.902	99	334097	26.381	ng	-0.05
23) Nitrobenzene-d5	8.872	82	227785	16.996	ng	-0.03
42) 2,4,6-Tribromophenol	15.895	330	124782	27.030	ng	-0.01
45) 2-Fluorobiphenyl	12.972	172	540691	19.452	ng	-0.02
79) Terphenyl-d14	19.913	244	924260	19.552	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.290	128	101109	9.673	ng	97
10) Phenol	6.931	94	269540	20.184	ng	99
15) Benzyl Alcohol	8.166	79	32177	3.075	ng	# 1
17) 2-Methylphenol	8.166	107	67815	7.532	ng	95
20) 3+4-Methylphenols	8.490	107	157816	12.516	ng	92
26) 2-Nitrophenol	9.619	139	124171	23.261	ng	96
27) 2,4-Dimethylphenol	9.684	122	184547	19.706	ng	98
29) 2,4-Dichlorophenol	10.166	162	56975	6.102	ng	96
32) Benzoic acid	9.684	122	184734	26.532	ng	# 11
43) 2,4,6-Trichlorophenol	12.801	196	221528	30.046	ng	98
44) 2,4,5-Trichlorophenol	12.884	196	201282	24.530	ng	98
54) 2,4-Dinitrophenol	14.513	184	62124	19.822	ng	96
56) 4-Nitrophenol	14.678	139	38616	11.206	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.019	232	162980	22.049	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	39310	7.512	ng	95
70) Pentachlorophenol	16.836	266	52162	8.198	ng	98

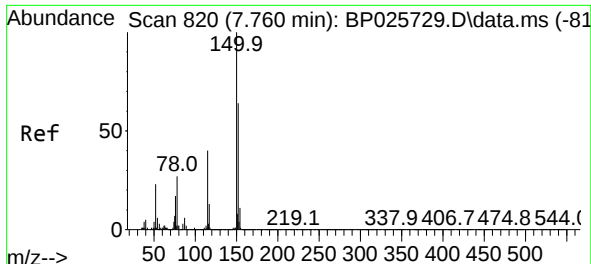
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025782.D
Acq On : 18 Sep 2025 13:57
Operator : CG/JU
Sample : Q3015-06DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WP0925-PT-ACIDS-WPDL

Quant Time: Sep 18 14:54:28 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

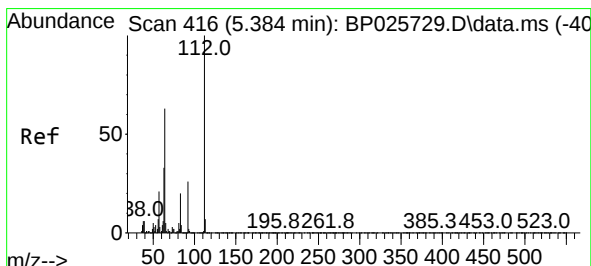
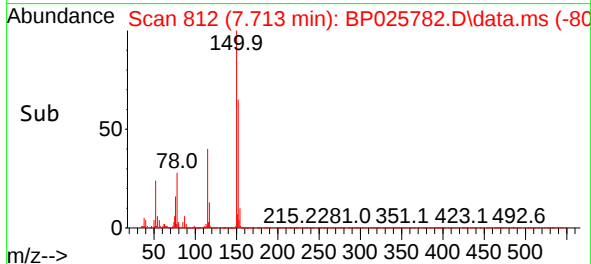
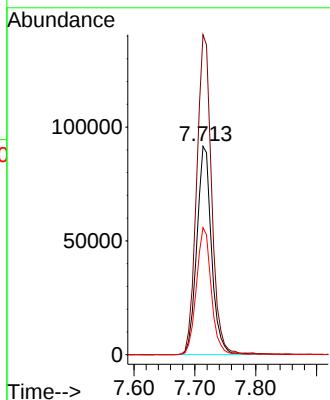
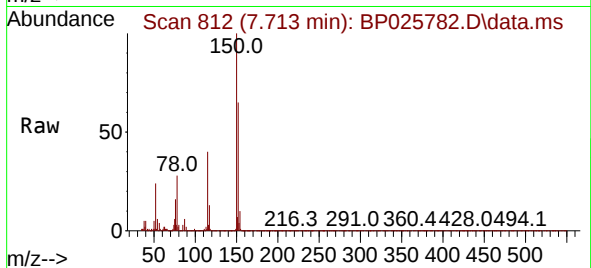




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.713 min Scan# 81
Delta R.T. -0.047 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

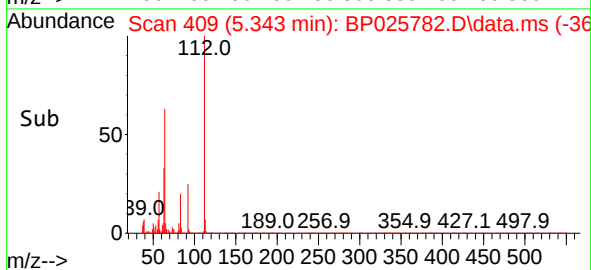
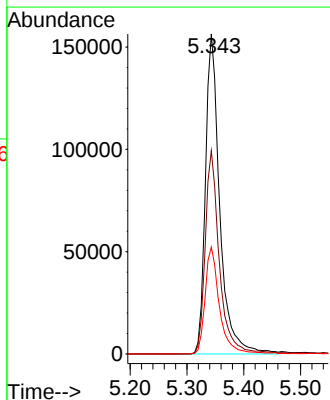
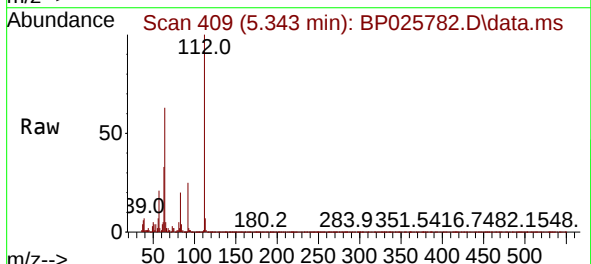
Instrument :
BNA_P
ClientSampleId :
WP0925-PT-ACIDS-WPDL

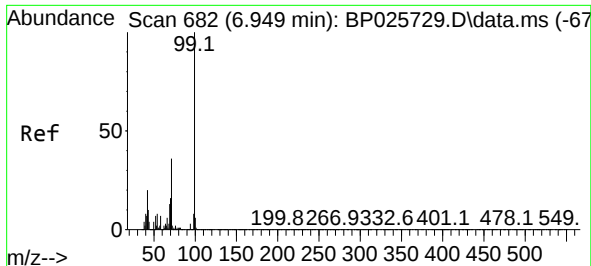
Tgt Ion:152 Resp: 153740
Ion Ratio Lower Upper
152 100
150 153.6 124.3 186.5
115 61.0 50.3 75.5



#5
2-Fluorophenol
Concen: 28.683 ng
RT: 5.343 min Scan# 409
Delta R.T. -0.041 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

Tgt Ion:112 Resp: 273297
Ion Ratio Lower Upper
112 100
64 63.5 50.2 75.4
63 33.4 26.7 40.1

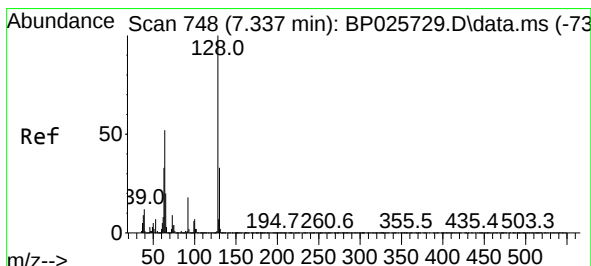
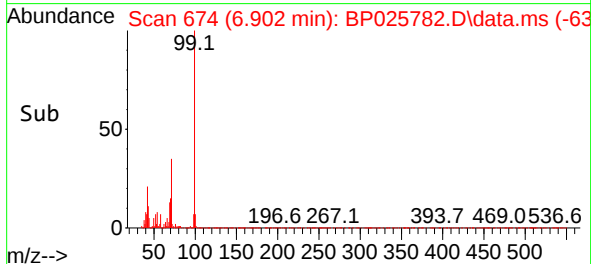
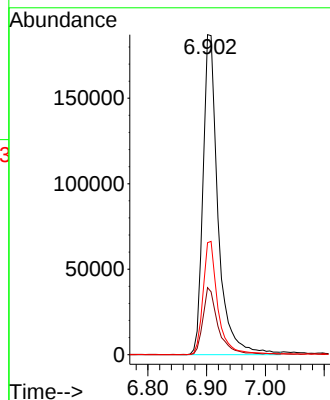
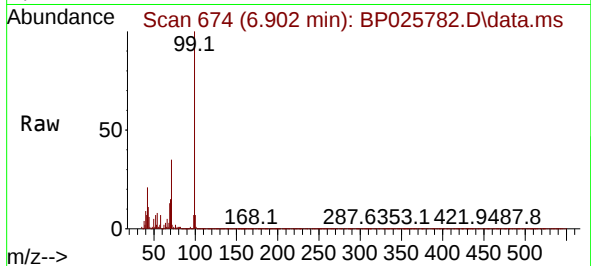




#7
Phenol-d6
Concen: 26.381 ng
RT: 6.902 min Scan# 61
Delta R.T. -0.047 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

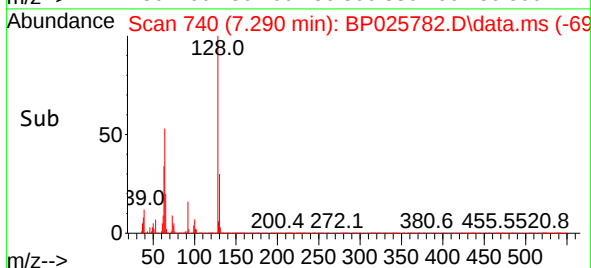
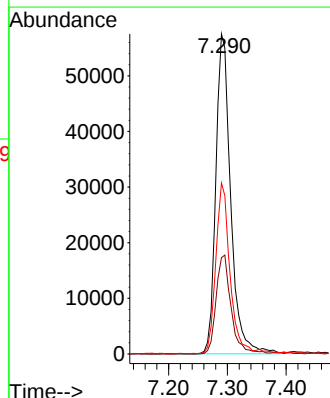
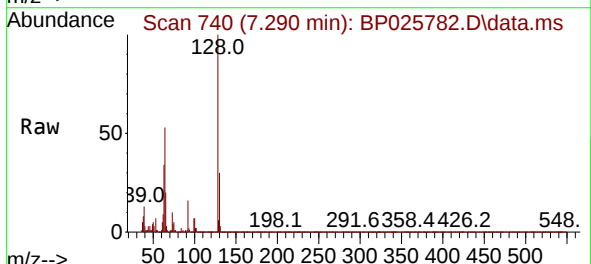
Instrument :
BNA_P
ClientSampleId :
WP0925-PT-ACIDS-WPDL

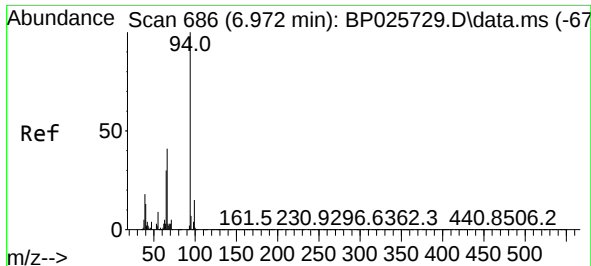
Tgt Ion: 99 Resp: 334097
Ion Ratio Lower Upper
99 100
42 21.0 15.6 23.4
71 35.0 28.6 43.0



#8
2-Chlorophenol
Concen: 9.673 ng
RT: 7.290 min Scan# 740
Delta R.T. -0.047 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

Tgt Ion:128 Resp: 101109
Ion Ratio Lower Upper
128 100
130 30.1 12.6 52.6
64 53.4 31.6 71.6

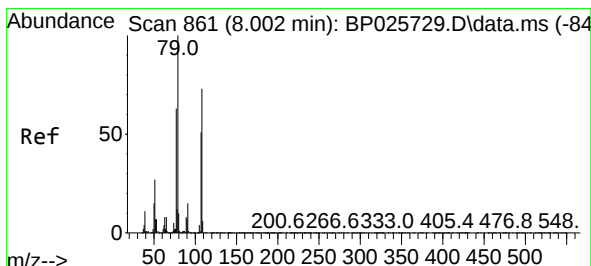
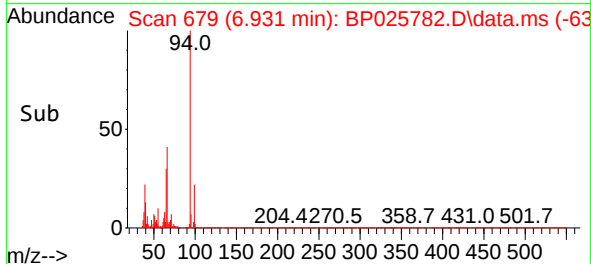
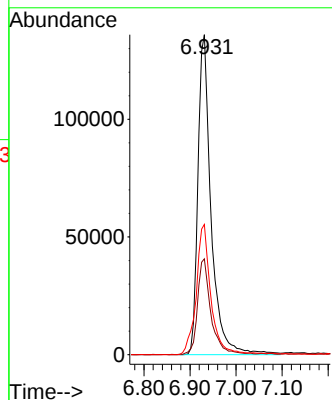
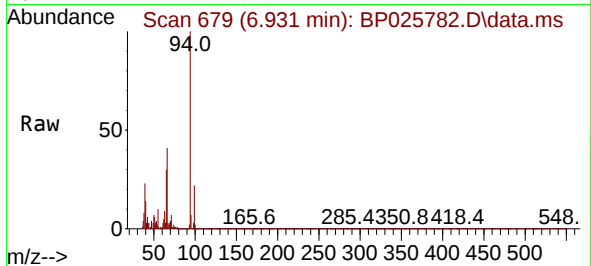




#10
Phenol
Concen: 20.184 ng
RT: 6.931 min Scan# 610
Delta R.T. -0.041 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

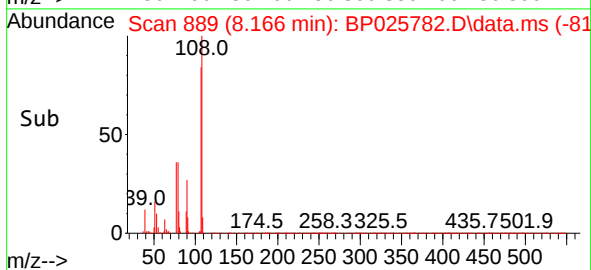
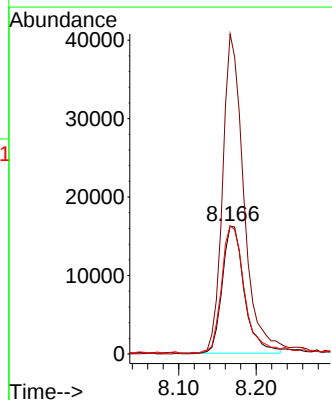
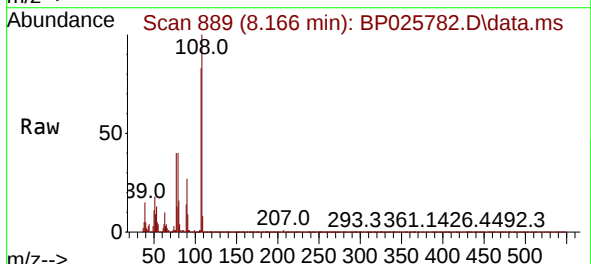
Instrument :
BNA_P
ClientSampleId :
WP0925-PT-ACIDS-WPDL

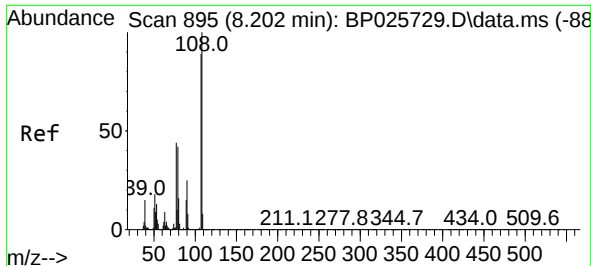
Tgt Ion: 94 Resp: 269540
Ion Ratio Lower Upper
94 100
65 30.0 10.2 50.2
66 40.7 21.4 61.4



#15
Benzyl Alcohol
Concen: 3.075 ng
RT: 8.166 min Scan# 889
Delta R.T. 0.165 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

Tgt Ion: 79 Resp: 32177
Ion Ratio Lower Upper
79 100
108 250.4 58.7 88.1#
77 100.2 50.2 75.2#





#17

2-Methylphenol

Concen: 7.532 ng

RT: 8.166 min Scan# 81

Delta R.T. -0.035 min

Lab File: BP025782.D

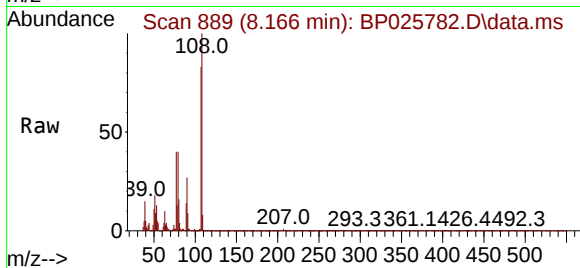
Acq: 18 Sep 2025 13:57

Instrument :

BNA_P

ClientSampleId :

WP0925-PT-ACIDS-WPDL



Tgt Ion:107 Resp: 67815

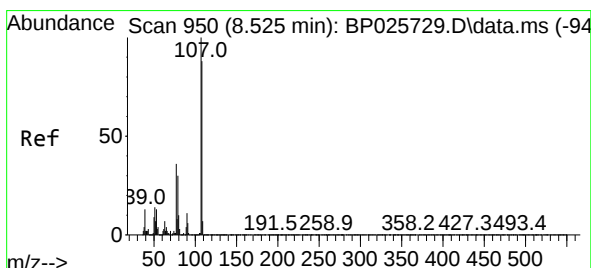
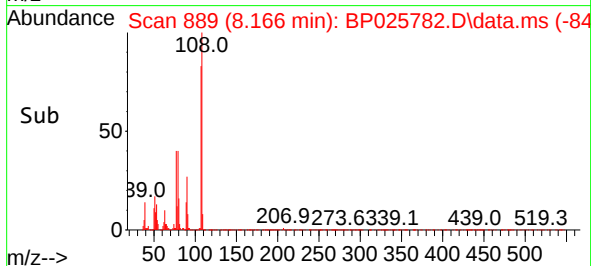
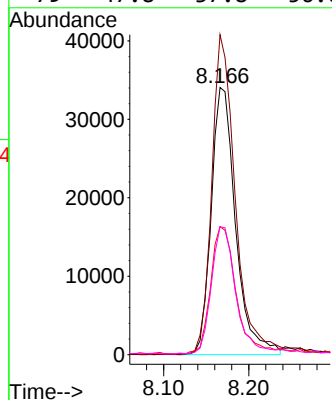
Ion Ratio Lower Upper

107 100

108 119.8 89.6 134.4

77 48.0 39.3 58.9

79 47.8 37.8 56.6



#20

3+4-Methylphenols

Concen: 12.516 ng

RT: 8.490 min Scan# 944

Delta R.T. -0.035 min

Lab File: BP025782.D

Acq: 18 Sep 2025 13:57

Tgt Ion:107 Resp: 157816

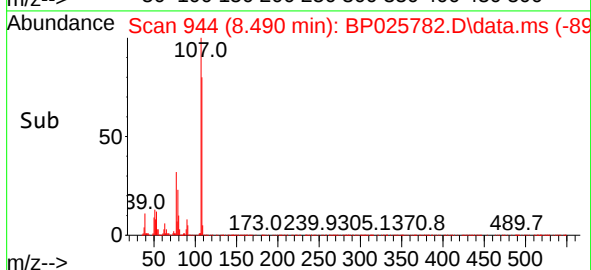
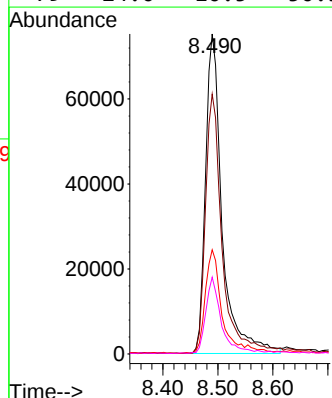
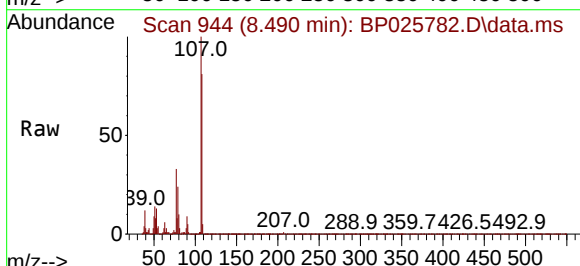
Ion Ratio Lower Upper

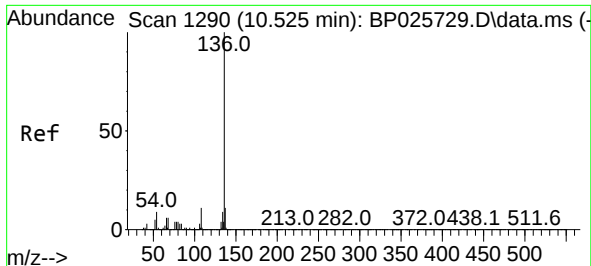
107 100

108 81.2 67.8 107.8

77 32.6 16.1 56.1

79 24.0 10.5 50.5

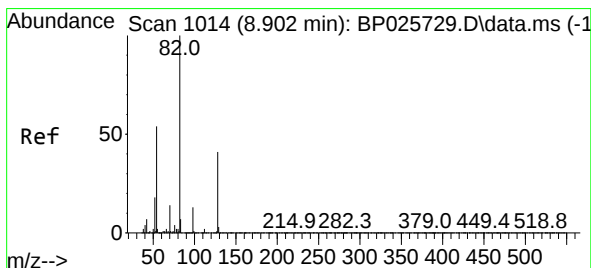
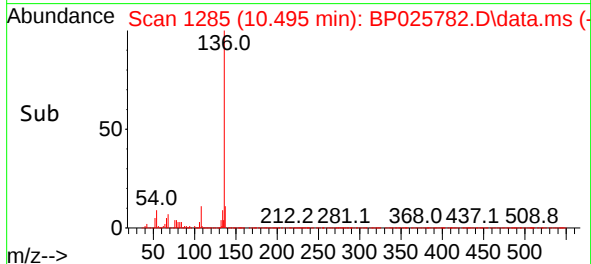
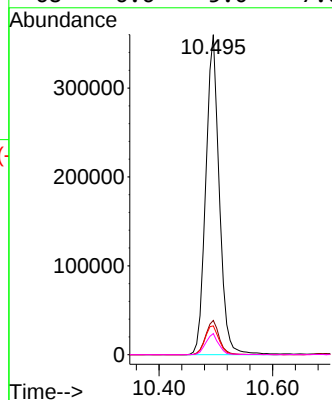
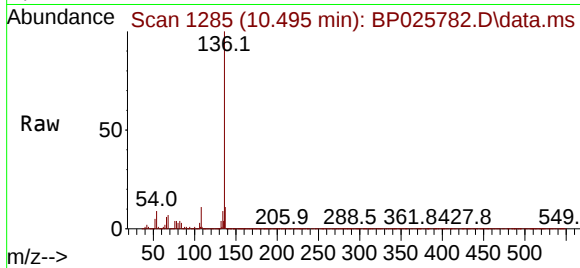




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.495 min Scan# 11
Delta R.T. -0.030 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

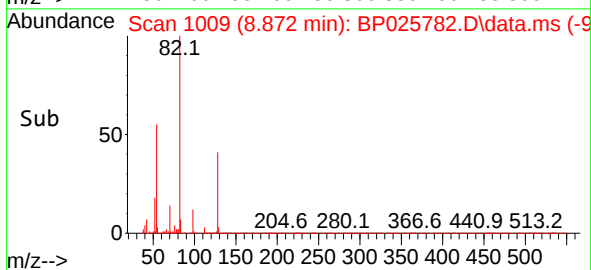
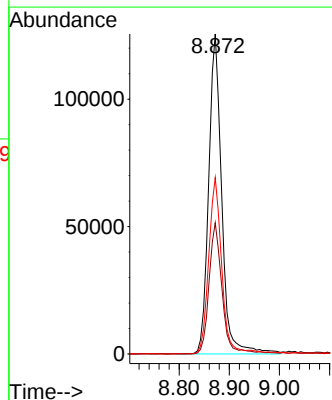
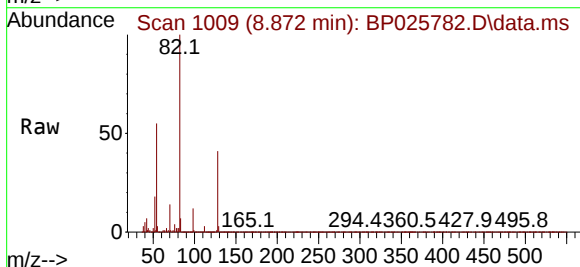
Instrument :
BNA_P
ClientSampleId :
WP0925-PT-ACIDS-WPDL

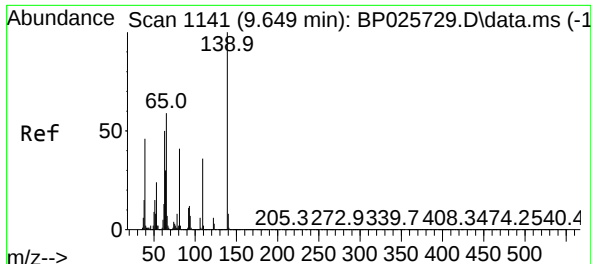
Tgt Ion:136 Resp: 591198
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.0 7.5 11.3
68 6.6 5.0 7.6



#23
Nitrobenzene-d5
Concen: 16.996 ng
RT: 8.872 min Scan# 1009
Delta R.T. -0.030 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

Tgt Ion: 82 Resp: 227785
Ion Ratio Lower Upper
82 100
128 41.0 32.9 49.3
54 55.1 43.4 65.2

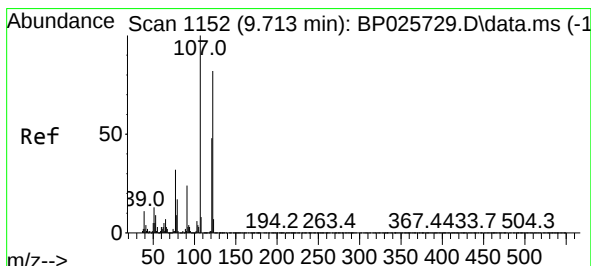
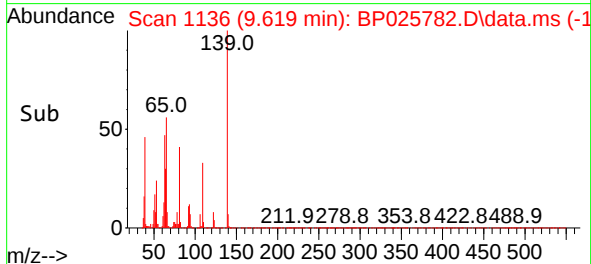
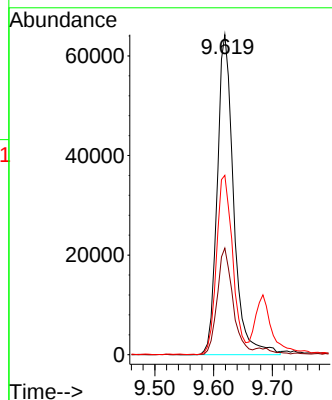
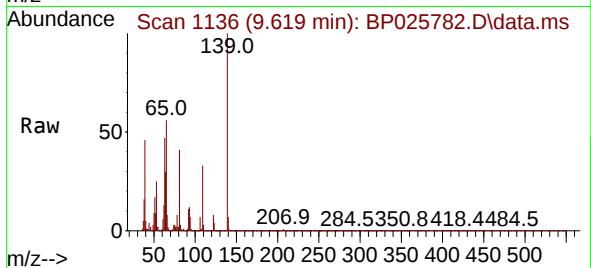




#26
2-Nitrophenol
Concen: 23.261 ng
RT: 9.619 min Scan# 1136
Delta R.T. -0.030 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

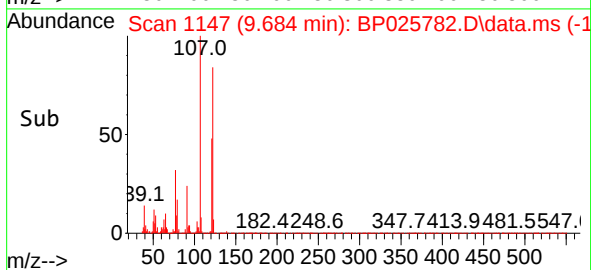
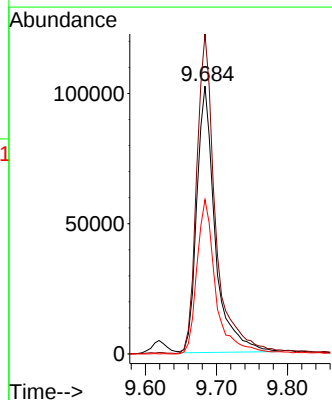
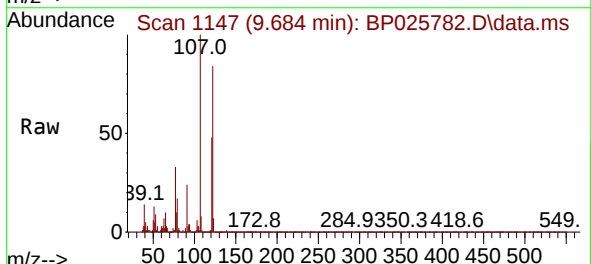
Instrument :
BNA_P
ClientSampleId :
WP0925-PT-ACIDS-WPDL

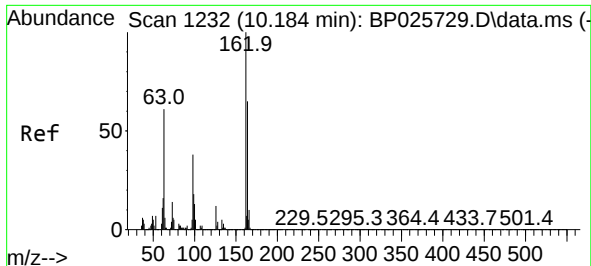
Tgt Ion:139 Resp: 124171
Ion Ratio Lower Upper
139 100
109 33.3 29.0 43.4
65 56.0 46.9 70.3



#27
2,4-Dimethylphenol
Concen: 19.706 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.030 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

Tgt Ion:122 Resp: 184547
Ion Ratio Lower Upper
122 100
107 119.5 97.9 146.9
121 57.7 47.4 71.0

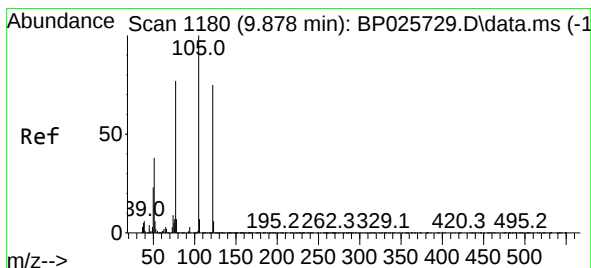
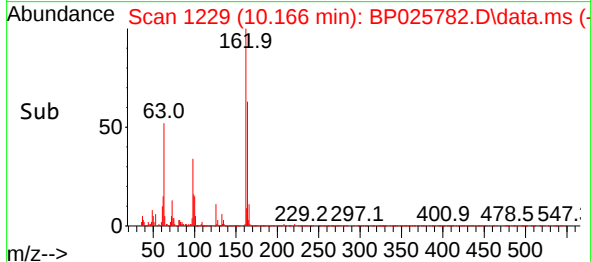
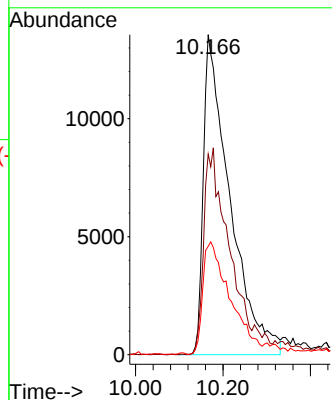
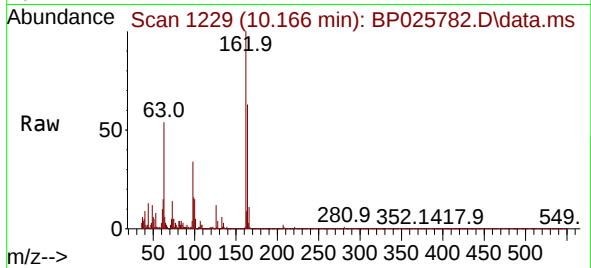




#29
2,4-Dichlorophenol
Concen: 6.102 ng
RT: 10.166 min Scan# 1147
Delta R.T. -0.018 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

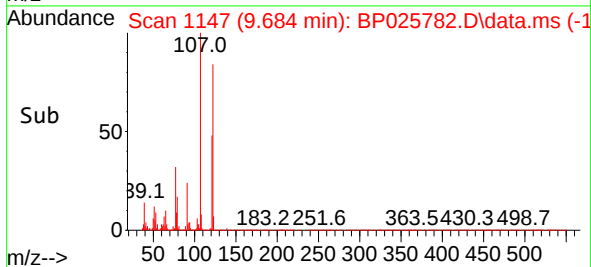
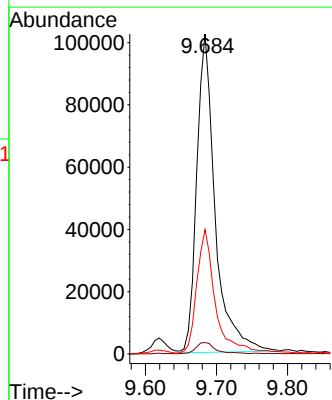
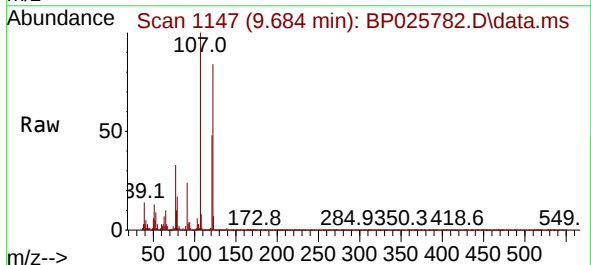
Instrument :
BNA_P
ClientSampleId :
WP0925-PT-ACIDS-WPDL

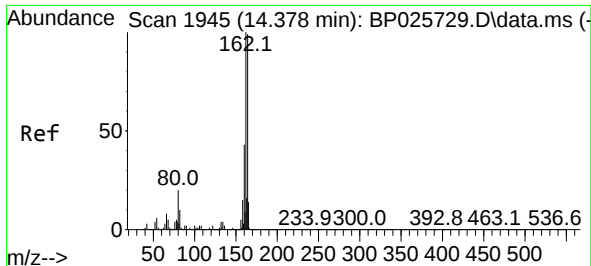
Tgt Ion:	162	Resp:	56975
Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.7	84.7
98	33.8	18.1	58.1



#32
Benzoic acid
Concen: 26.532 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.194 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

Tgt Ion:	122	Resp:	184734
Ion	Ratio	Lower	Upper
122	100		
105	3.5	111.5	151.5#
77	38.9	81.8	121.8#

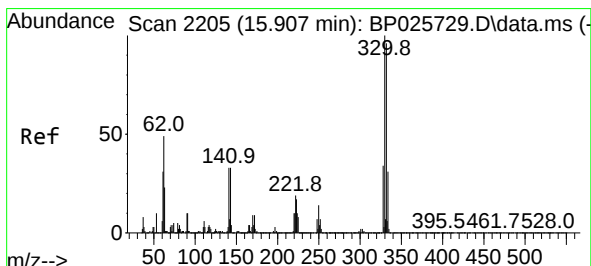
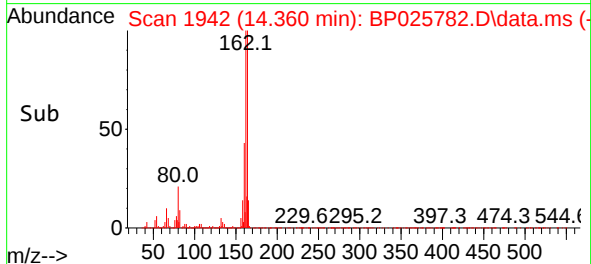
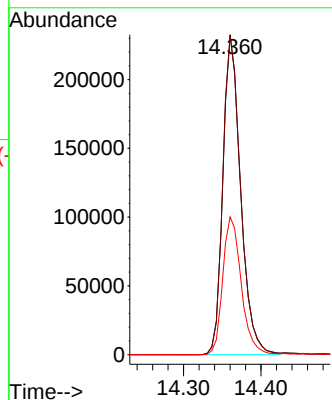
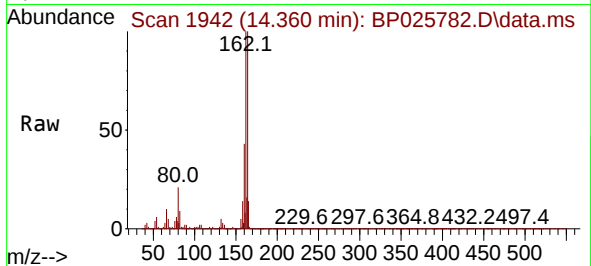




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.360 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

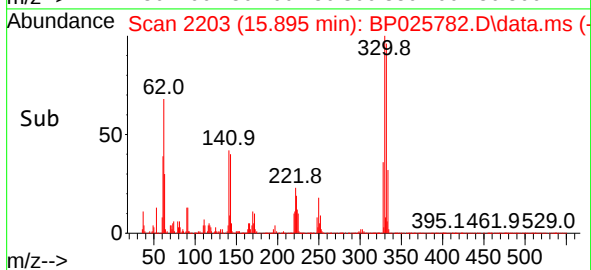
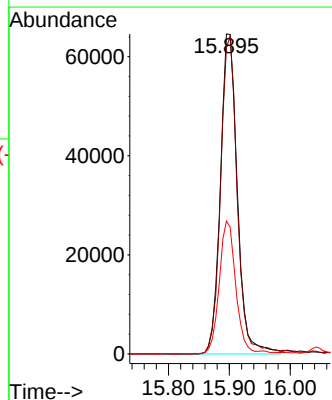
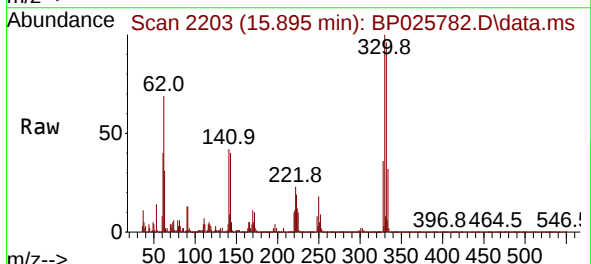
Instrument :
BNA_P
ClientSampleId :
WP0925-PT-ACIDS-WPDL

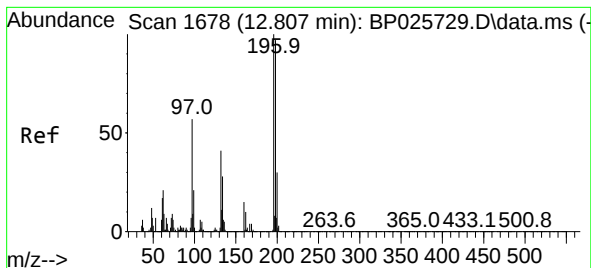
Tgt Ion:164 Resp: 370117
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 43.2 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 27.030 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

Tgt Ion:330 Resp: 124782
Ion Ratio Lower Upper
330 100
332 98.4 76.9 115.3
141 40.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 30.046 ng

RT: 12.801 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025782.D

Acq: 18 Sep 2025 13:57

Instrument :

BNA_P

ClientSampleId :

WP0925-PT-ACIDS-WPDL

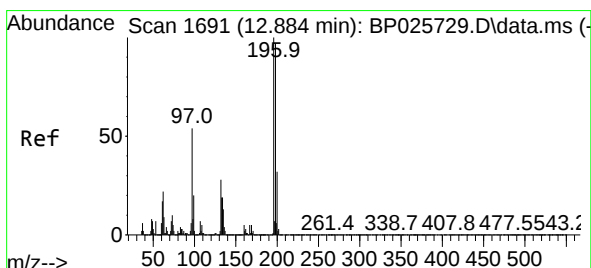
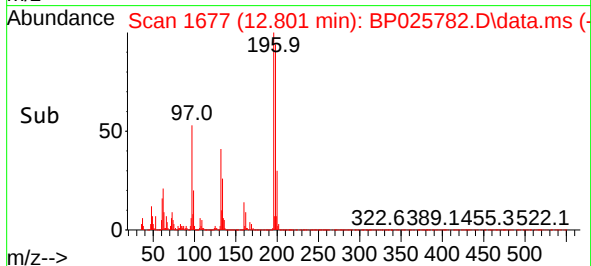
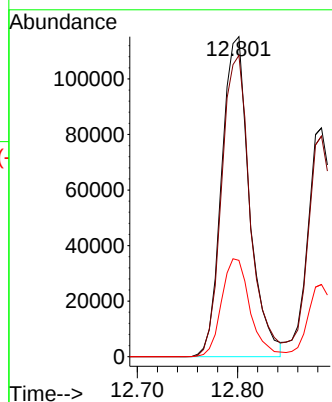
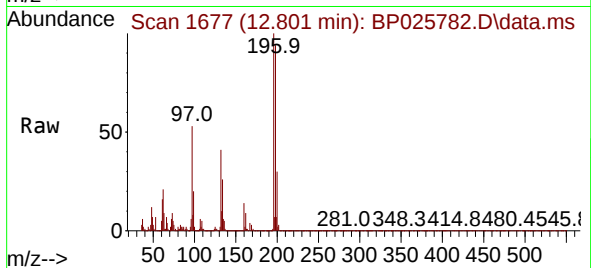
Tgt Ion:196 Resp: 221528

Ion Ratio Lower Upper

196 100

198 94.1 77.2 115.8

200 30.1 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 24.530 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BP025782.D

Acq: 18 Sep 2025 13:57

Tgt Ion:196 Resp: 201282

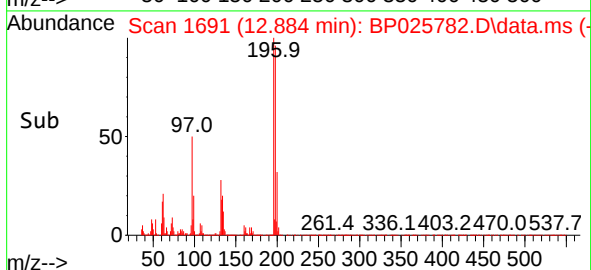
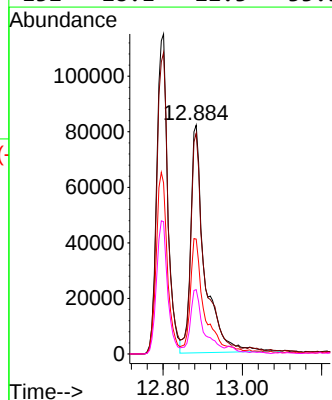
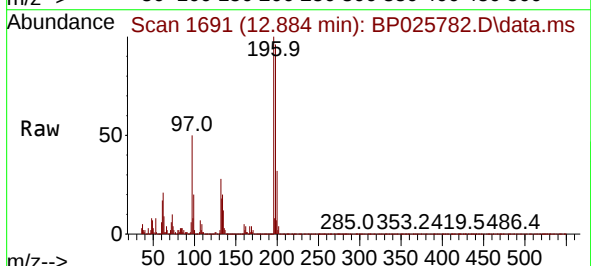
Ion Ratio Lower Upper

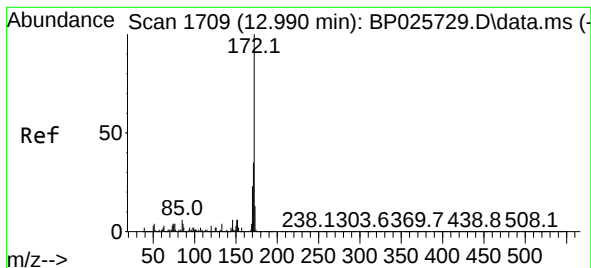
196 100

198 96.4 77.8 116.8

97 50.2 43.3 64.9

132 28.1 22.3 33.5





#45

2-Fluorobiphenyl

Concen: 19.452 ng

RT: 12.972 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP025782.D

Acq: 18 Sep 2025 13:57

Instrument :

BNA_P

ClientSampleId :

WP0925-PT-ACIDS-WPDL

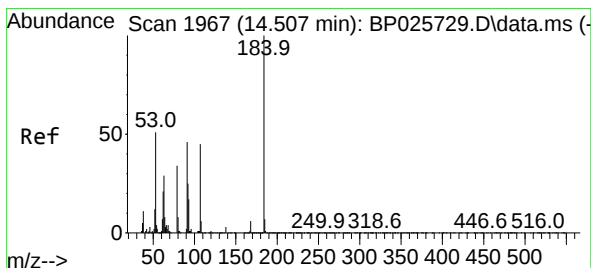
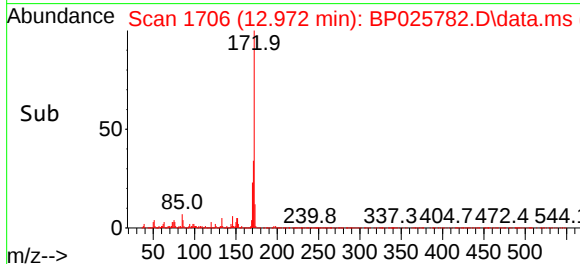
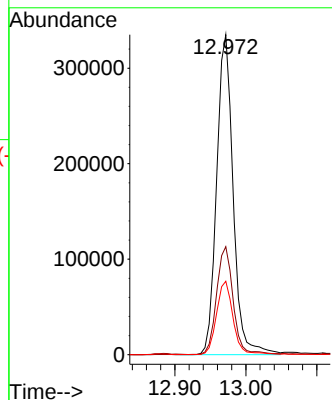
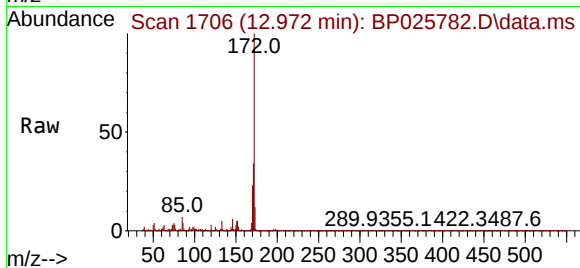
Tgt Ion:172 Resp: 540691

Ion Ratio Lower Upper

172 100

171 33.8 27.8 41.6

170 23.0 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 19.822 ng

RT: 14.513 min Scan# 1968

Delta R.T. 0.006 min

Lab File: BP025782.D

Acq: 18 Sep 2025 13:57

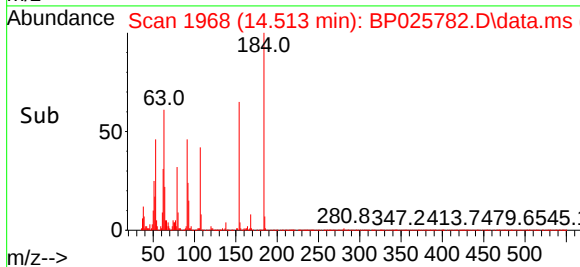
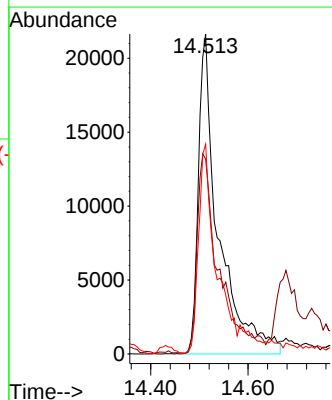
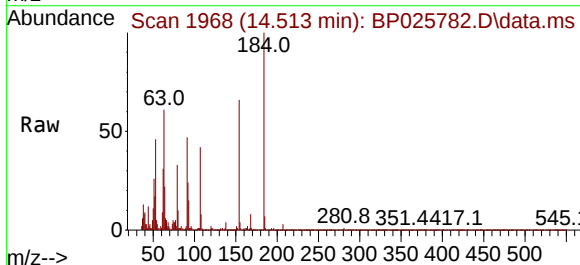
Tgt Ion:184 Resp: 62124

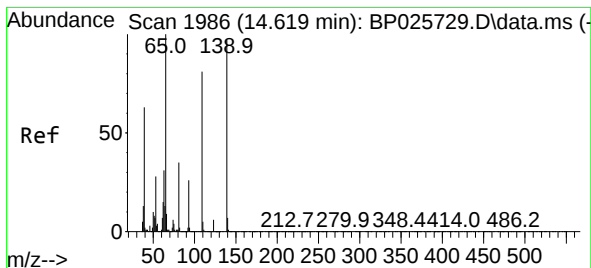
Ion Ratio Lower Upper

184 100

63 60.9 52.5 78.7

154 65.5 51.5 77.3

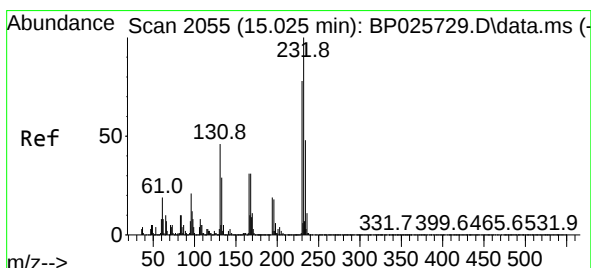
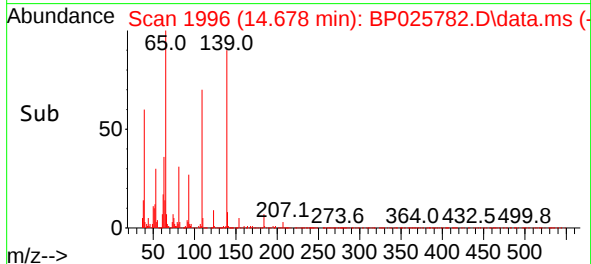
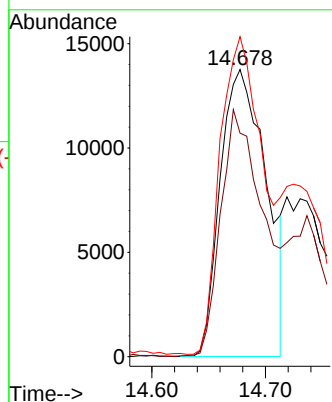
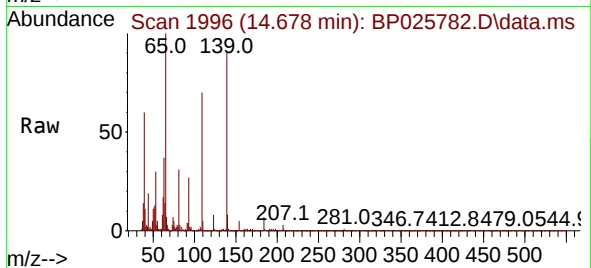




#56
4-Nitrophenol
Concen: 11.206 ng
RT: 14.678 min Scan# 1986
Delta R.T. 0.059 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

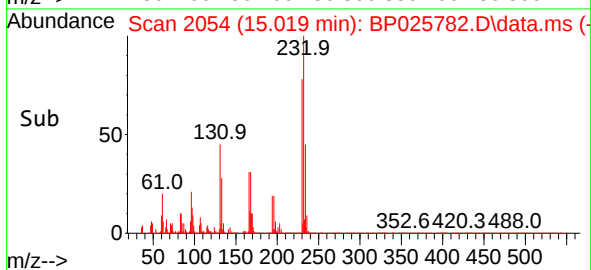
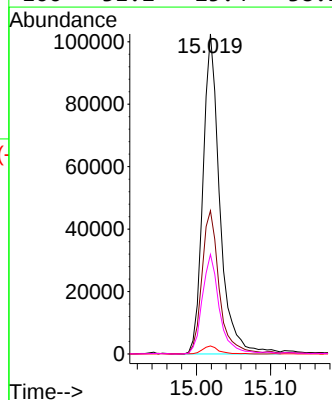
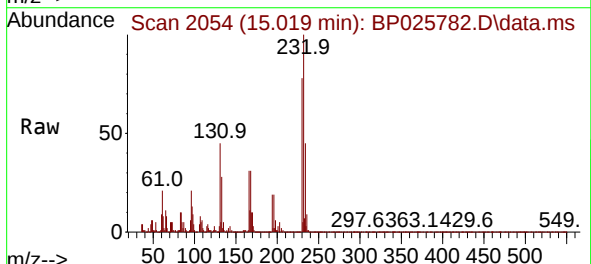
Instrument :
BNA_P
ClientSampleId :
WP0925-PT-ACIDS-WPDL

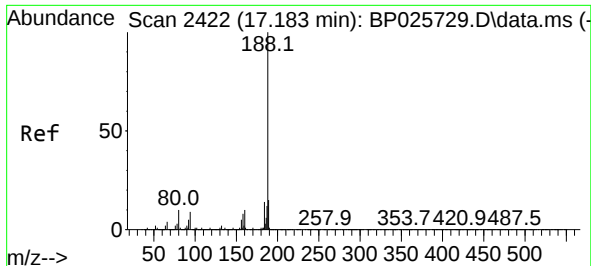
Tgt Ion:139 Resp: 38616
Ion Ratio Lower Upper
139 100
109 77.8 62.9 102.9
65 111.4 83.4 123.4



#59
2,3,4,6-Tetrachlorophenol
Concen: 22.049 ng
RT: 15.019 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

Tgt Ion:232 Resp: 162980
Ion Ratio Lower Upper
232 100
131 45.4 36.7 55.1
130 2.5 2.0 3.0
166 31.2 25.4 38.2

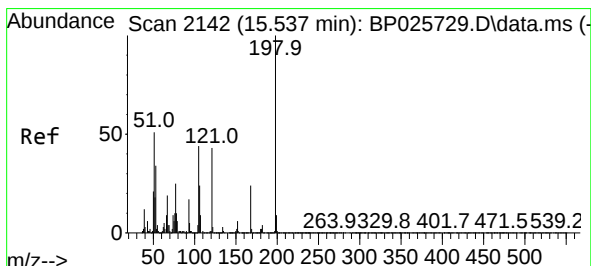
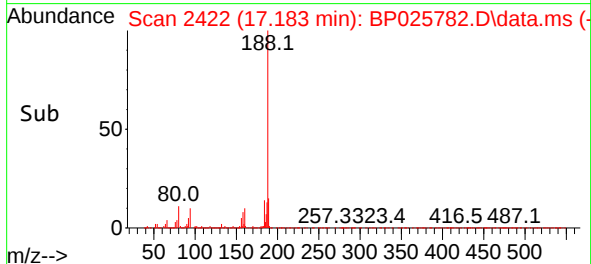
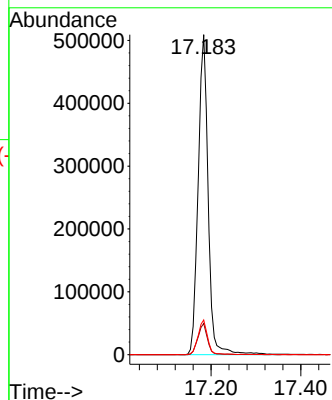
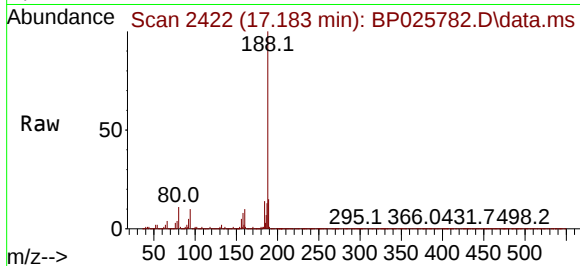




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

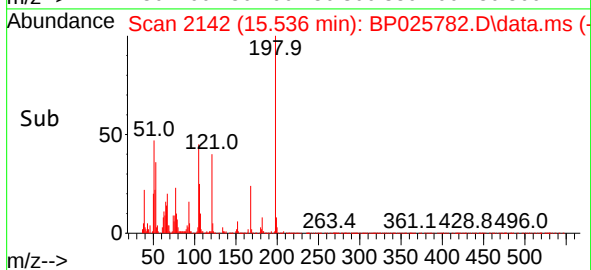
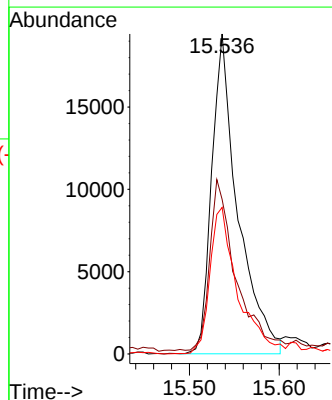
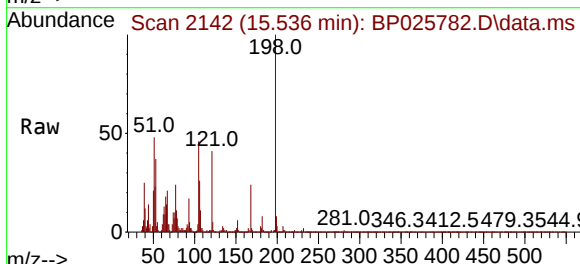
Instrument :
BNA_P
ClientSampleId :
WP0925-PT-ACIDS-WPDL

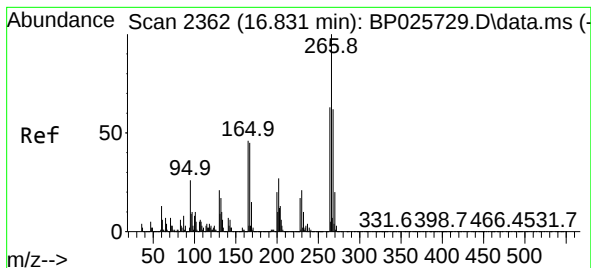
Tgt Ion:188 Resp: 786882
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 10.9 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 7.512 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

Tgt Ion:198 Resp: 39310
Ion Ratio Lower Upper
198 100
51 48.3 33.4 73.4
105 45.8 24.3 64.3





#70

Pentachlorophenol

Concen: 8.198 ng

RT: 16.836 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025782.D

Acq: 18 Sep 2025 13:57

Instrument :

BNA_P

ClientSampleId :

WP0925-PT-ACIDS-WPDL

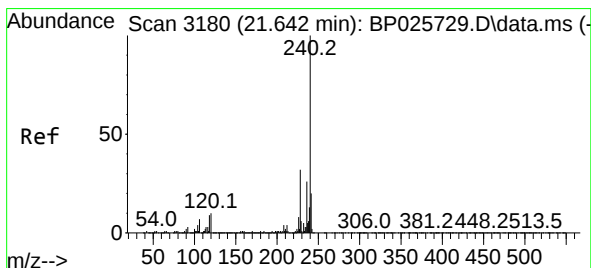
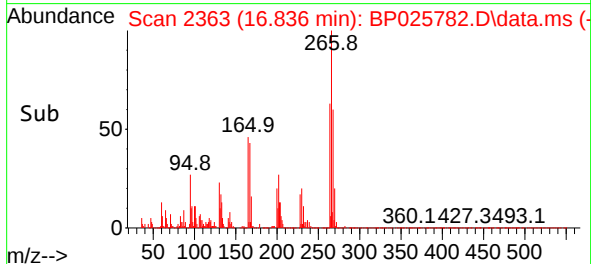
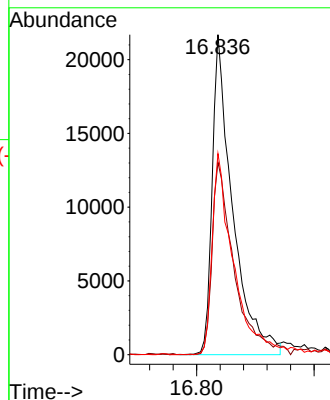
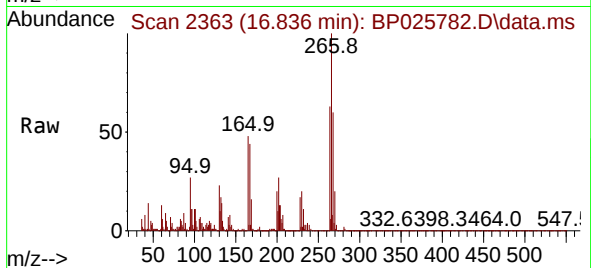
Tgt Ion:266 Resp: 52162

Ion Ratio Lower Upper

266 100

268 60.1 49.8 74.8

264 62.9 50.2 75.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.000 min

Lab File: BP025782.D

Acq: 18 Sep 2025 13:57

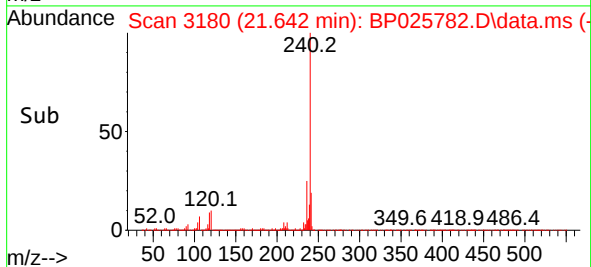
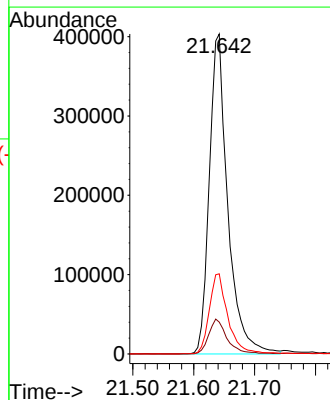
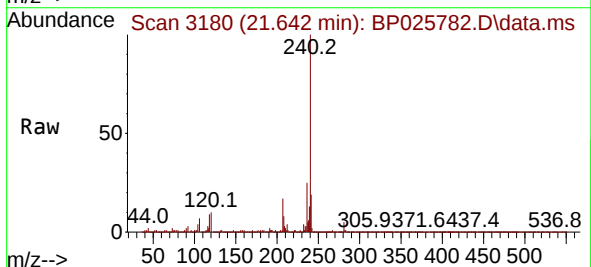
Tgt Ion:240 Resp: 850407

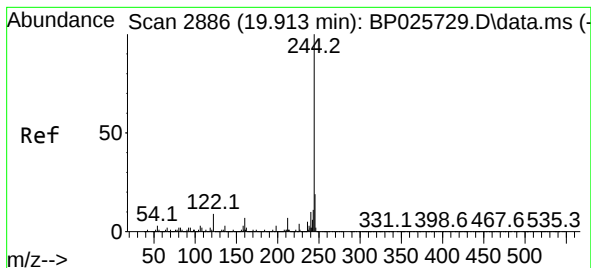
Ion Ratio Lower Upper

240 100

120 10.0 8.0 12.0

236 25.0 20.7 31.1





#79

Terphenyl-d14

Concen: 19.552 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025782.D

Acq: 18 Sep 2025 13:57

Instrument :

BNA_P

ClientSampleId :

WP0925-PT-ACIDS-WPDL

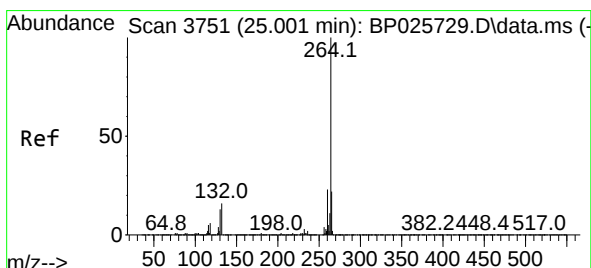
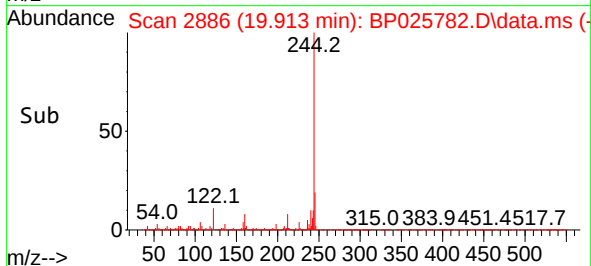
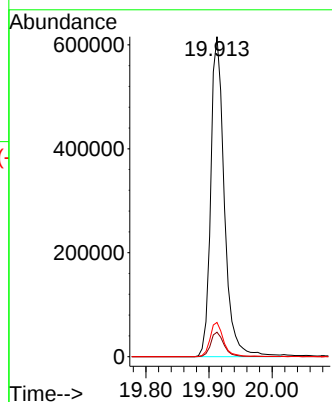
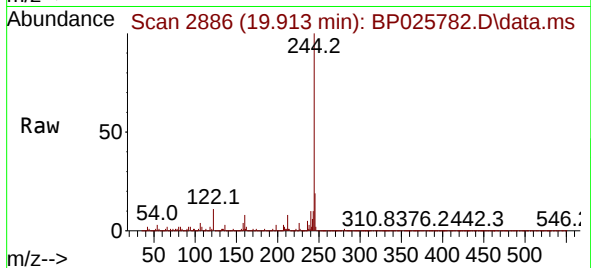
Tgt Ion:244 Resp: 924260

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 10.7 7.1 10.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 3753

Delta R.T. 0.012 min

Lab File: BP025782.D

Acq: 18 Sep 2025 13:57

Tgt Ion:264 Resp: 920116

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 22.2 17.3 25.9

