

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 14:38:02 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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/19/2025
 Supervised By :Jagrut Upadhyay 09/19/2025

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
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
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	85978m	19.452	ng	
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

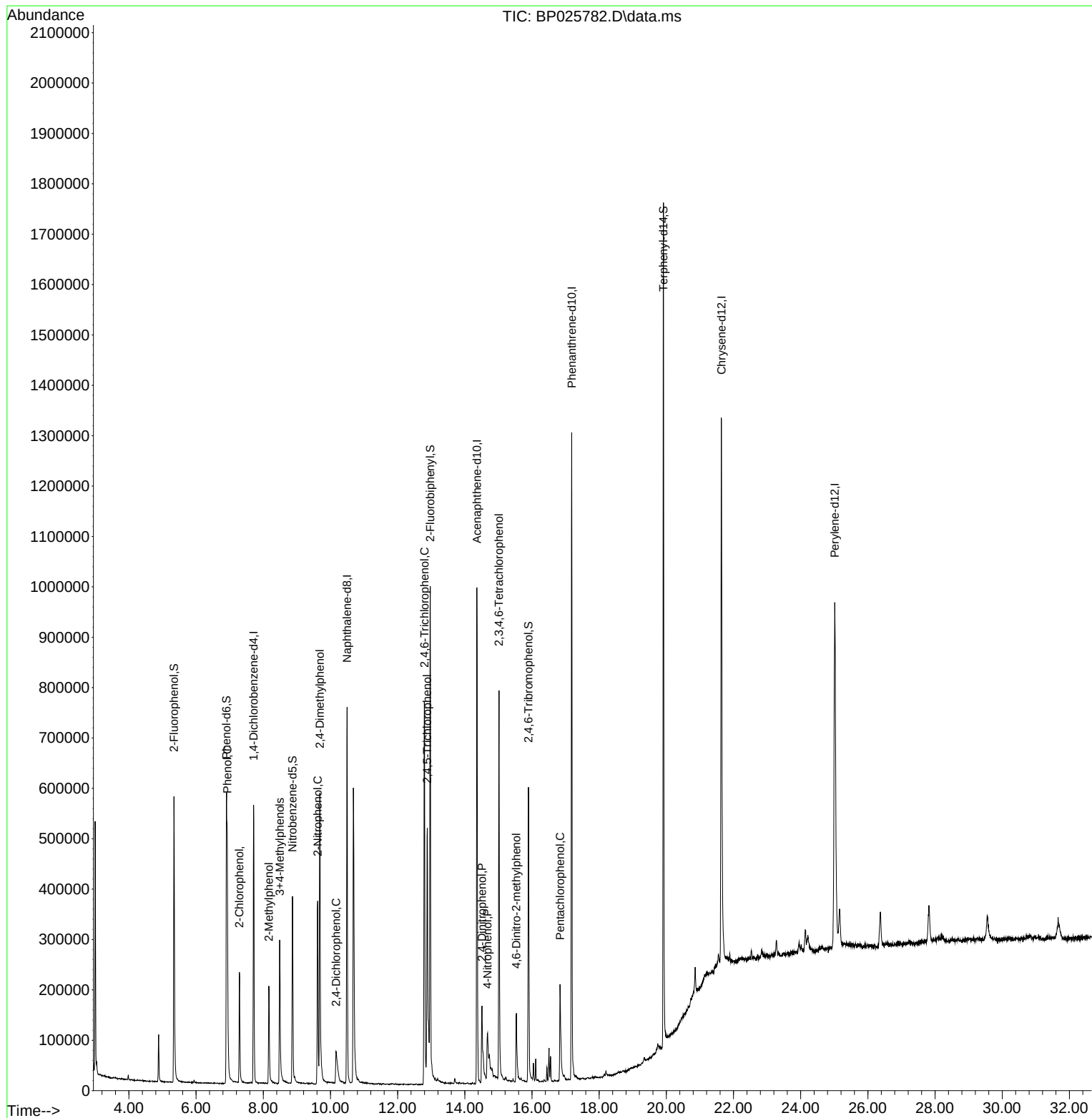
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025782.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

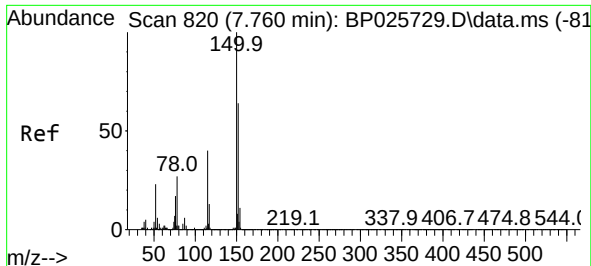
Instrument :
BNA_P
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WP0925-PT-ACIDS-WPDL

Quant Time: Sep 18 14:38:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
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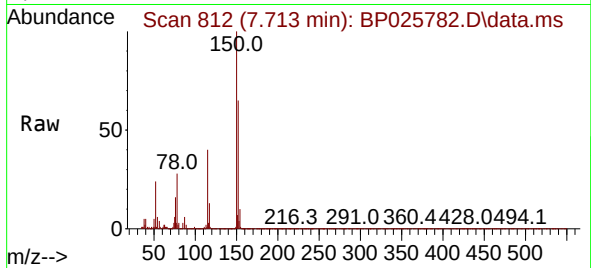
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025





#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

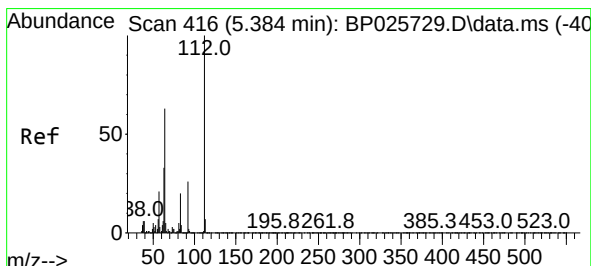
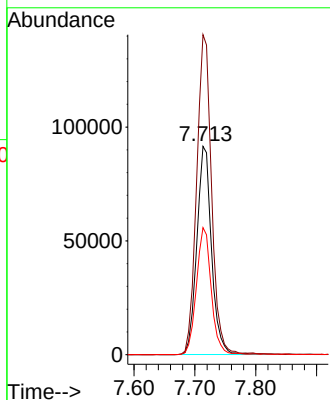
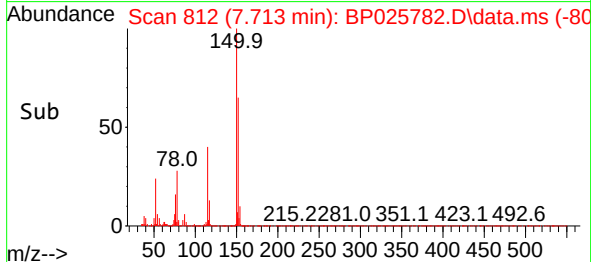
Instrument :
BNA_P
ClientSampleId :
WP0925-PT-ACIDS-WPDL



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

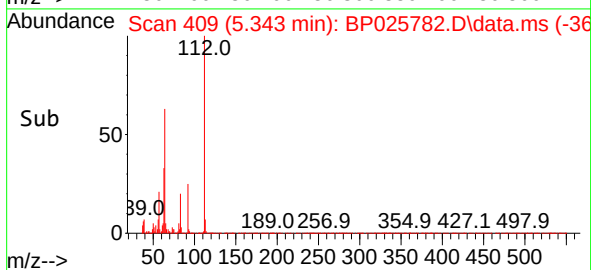
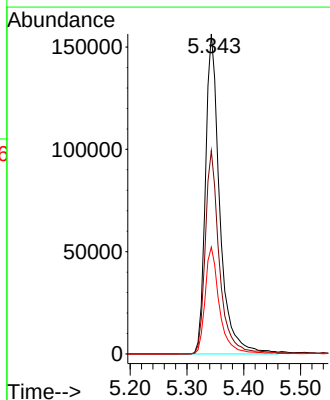
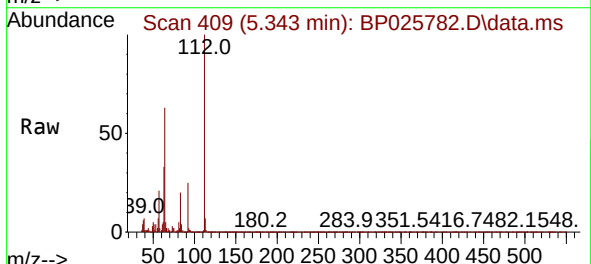
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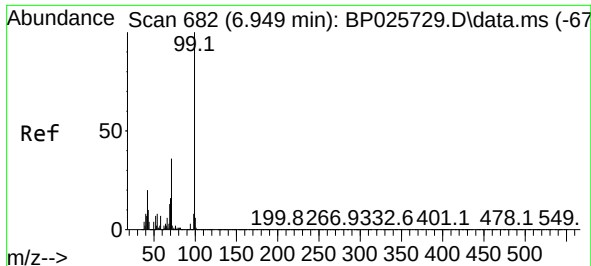
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025



#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

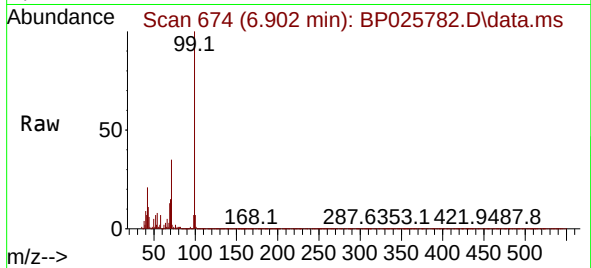
Tgt Ion:112 Resp: 273297
Ion Ratio Lower Upper
112 100
64 63.5 50.2 75.4
63 33.4 26.7 40.1





#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

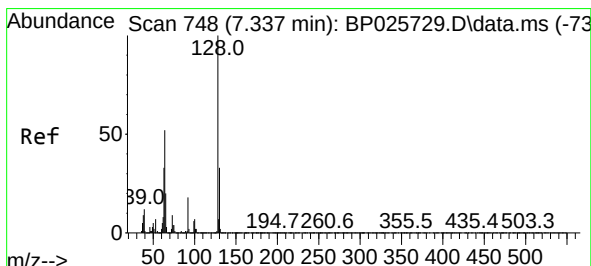
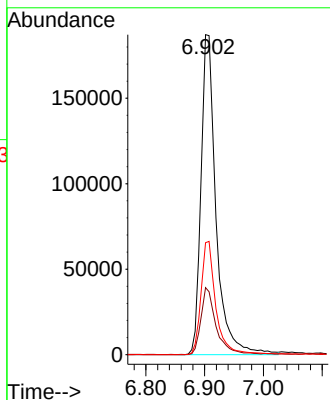
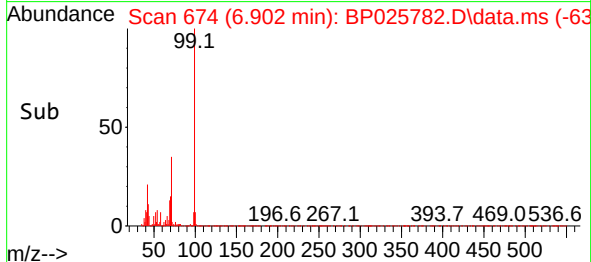
Instrument :
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ClientSampleId :
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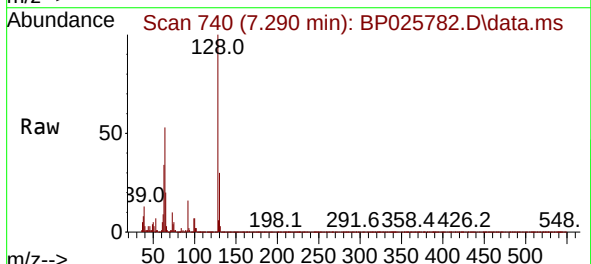
Tgt Ion: 99 Resp: 33409
Ion Ratio Lower Upper
99 100
42 21.0 15.6 23.4
71 35.0 28.6 43.0

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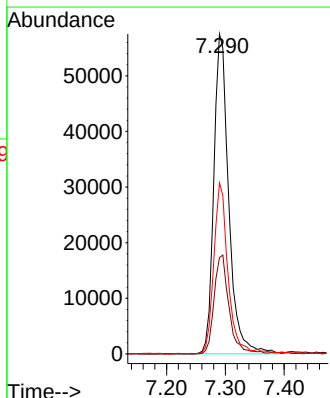
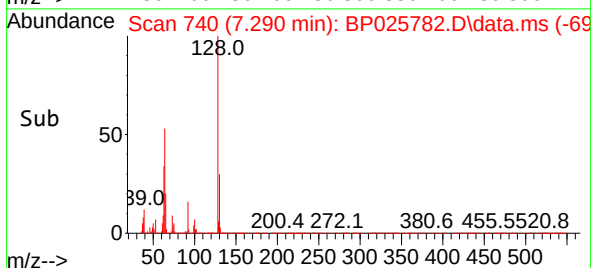
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025

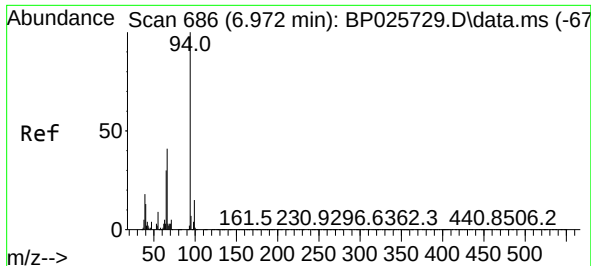


#8
2-Chlorophenol
Concen: 9.673 ng
RT: 7.290 min Scan# 740
Delta R.T. -0.047 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57



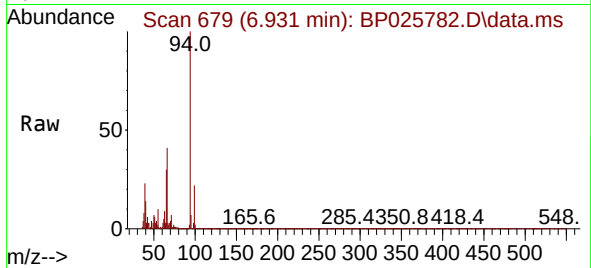
Tgt Ion:128 Resp: 101109
Ion Ratio Lower Upper
128 100
130 30.1 12.6 52.6
64 53.4 31.6 71.6





#10
Phenol
Concen: 20.184 ng
RT: 6.931 min Scan# 61
Delta R.T. -0.041 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

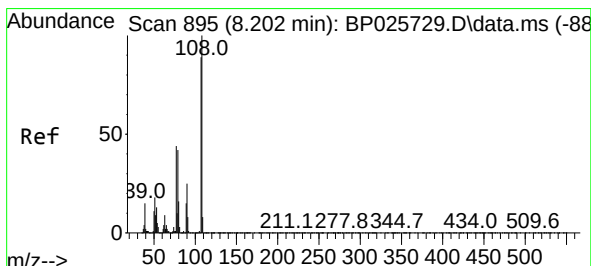
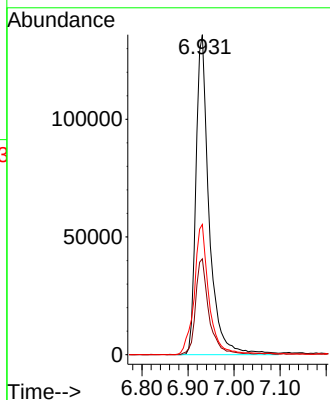
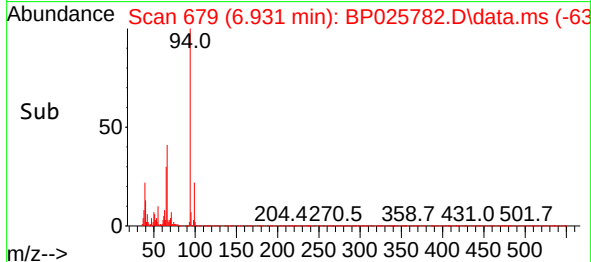
Instrument :
BNA_P
ClientSampleId :
WP0925-PT-ACIDS-WPDL



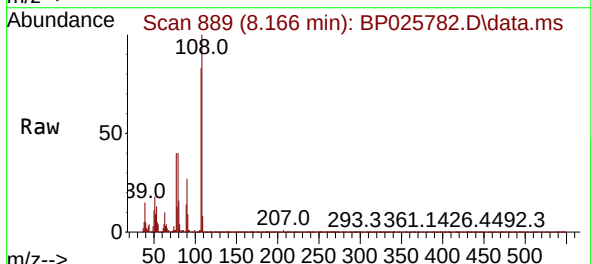
Tgt Ion: 94 Resp: 269540
Ion Ratio Lower Upper
94 100
65 30.0 10.2 50.2
66 40.7 21.4 61.4

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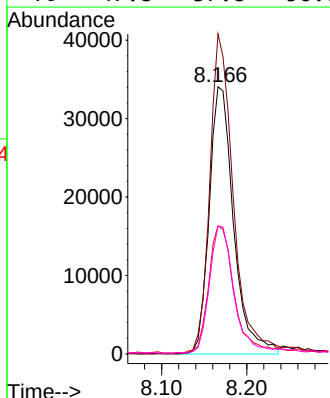
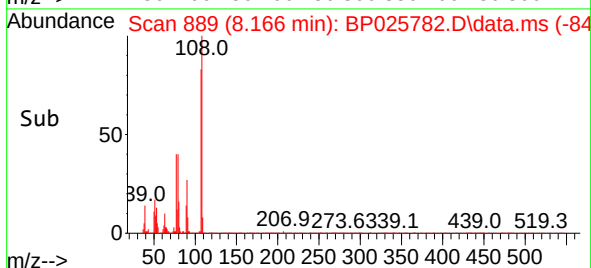
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025

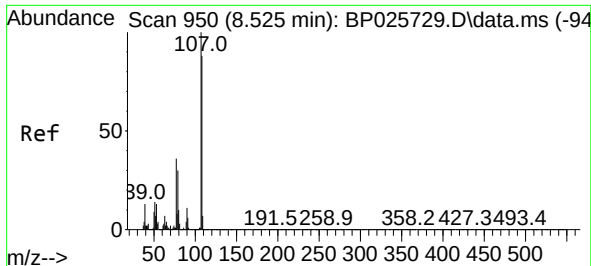


#17
2-Methylphenol
Concen: 7.532 ng
RT: 8.166 min Scan# 889
Delta R.T. -0.035 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57



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





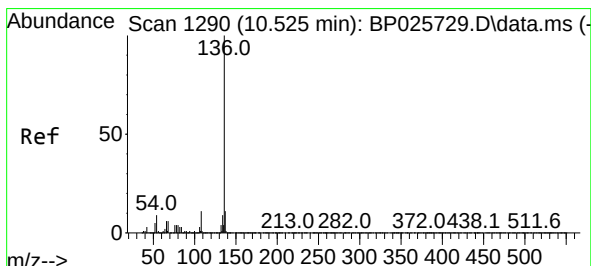
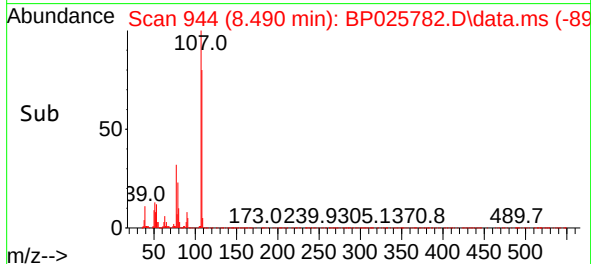
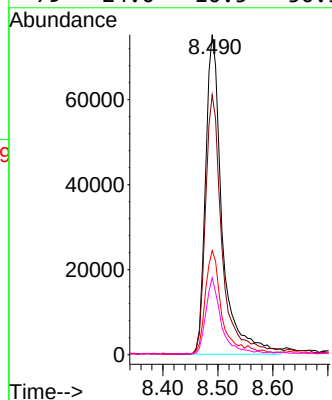
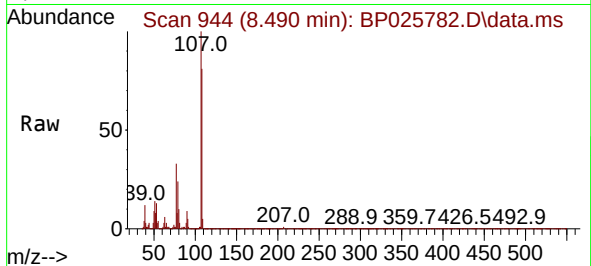
#20
3+4-Methylphenols
Concen: 12.516 ng
RT: 8.490 min Scan# 94
Delta R.T. -0.035 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

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

Tgt Ion:107	Resp: 157810
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

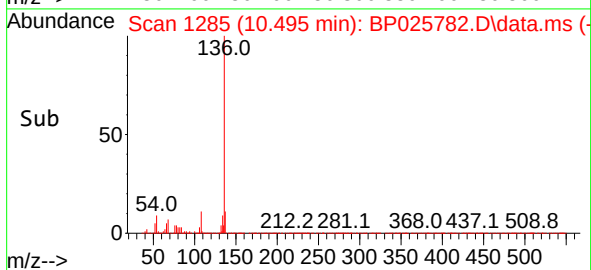
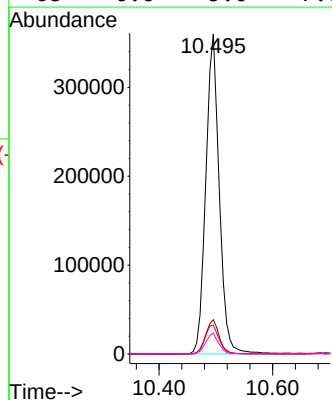
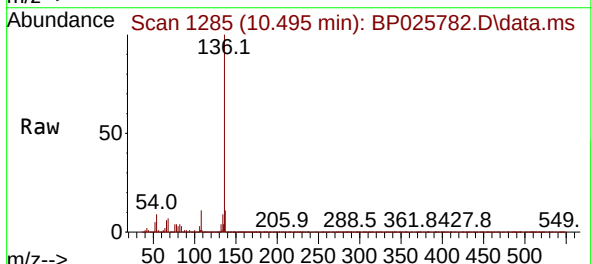
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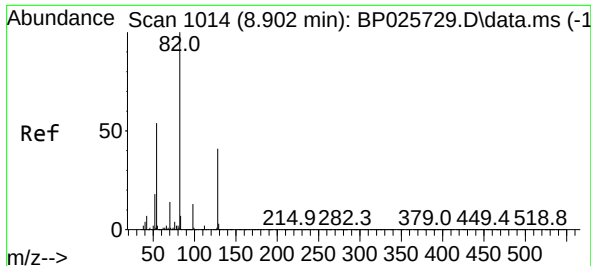
Reviewed By :Rahul Chavli 09/19/2025
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.495 min Scan# 1285
Delta R.T. -0.030 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

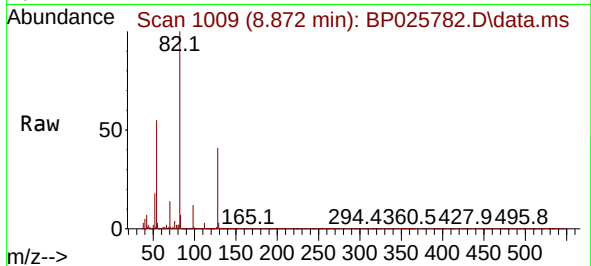
Tgt	Ion:136	Resp:	591198
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.0	7.5	11.3
68	6.6	5.0	7.6





#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

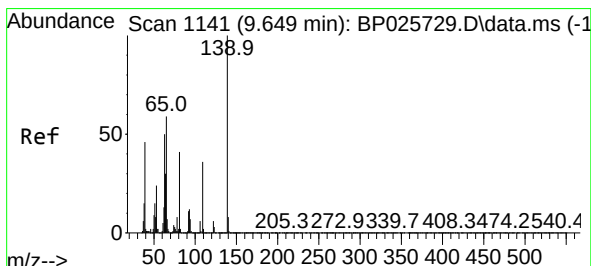
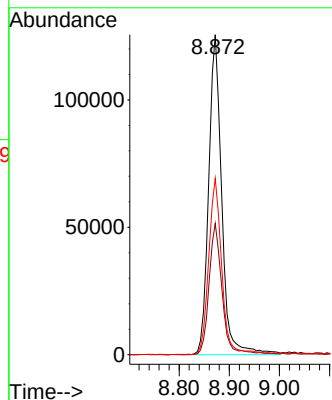
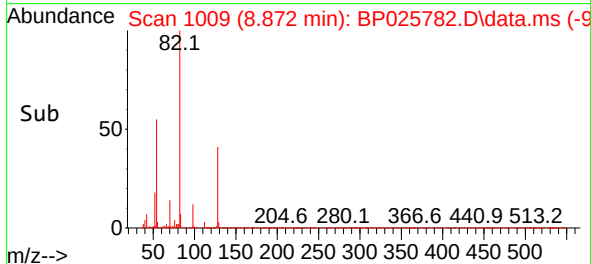
Instrument :
BNA_P
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WP0925-PT-ACIDS-WPDL



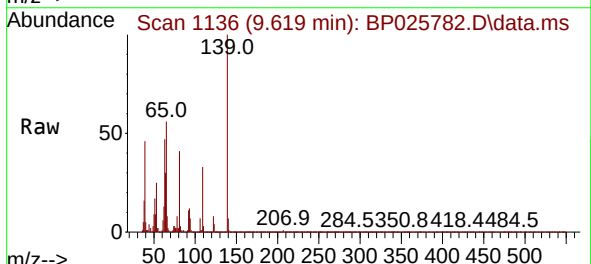
Tgt Ion: 82 Resp: 227785
Ion Ratio Lower Upper
82 100
128 41.0 32.9 49.3
54 55.1 43.4 65.2

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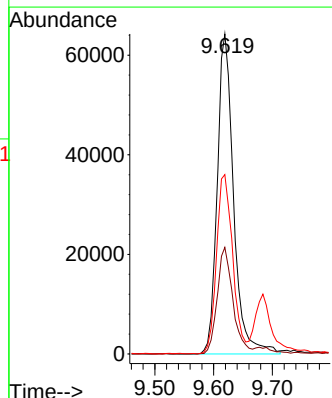
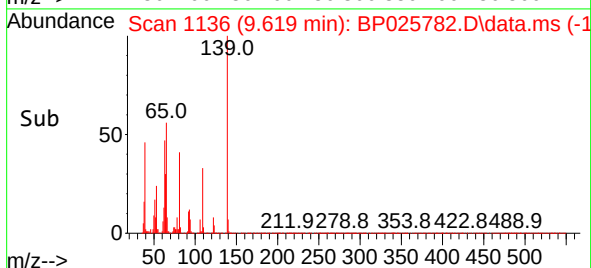
Reviewed By :Rahul Chavli 09/19/2025
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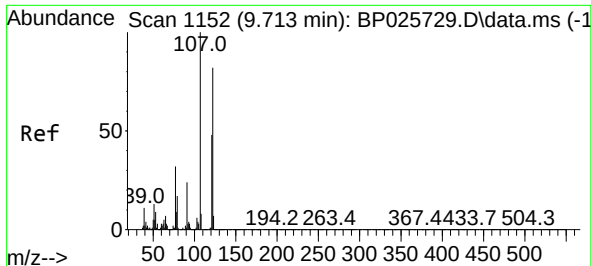


#26
2-Nitrophenol
Concen: 23.261 ng
RT: 9.619 min Scan# 1136
Delta R.T. -0.030 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57



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

Instrument :

BNA_P

ClientSampleId :

WP0925-PT-ACIDS-WPDL

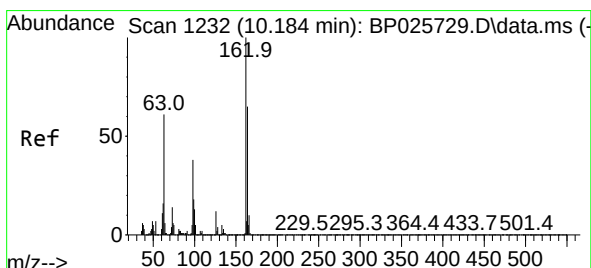
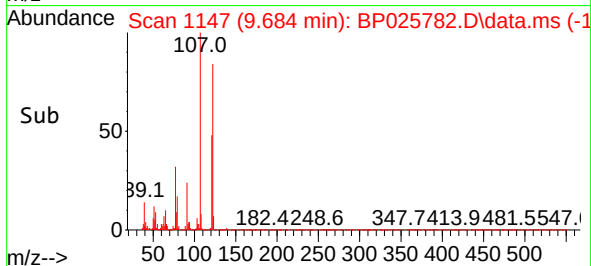
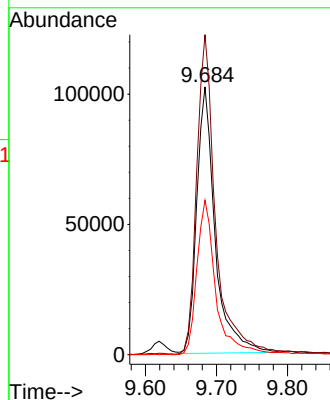
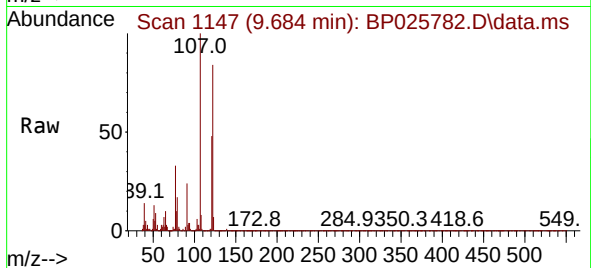
Tgt Ion:	122	Resp:	18454
Ion Ratio	Lower	Upper	
122	100		
107	119.5	97.9	146.9
121	57.7	47.4	71.0

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#29

2,4-Dichlorophenol

Concen: 6.102 ng

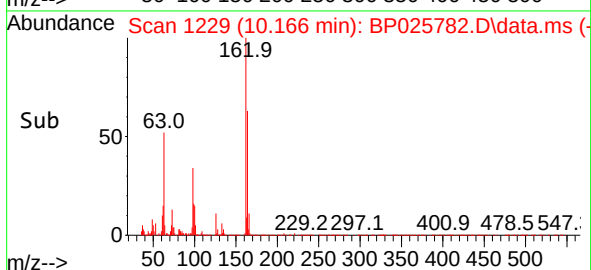
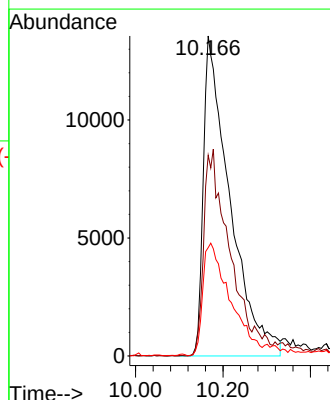
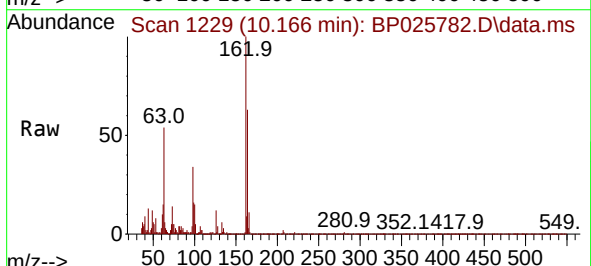
RT: 10.166 min Scan# 1229

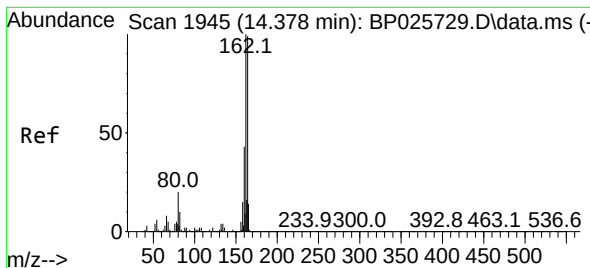
Delta R.T. -0.018 min

Lab File: BP025782.D

Acq: 18 Sep 2025 13:57

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.360 min Scan# 1945

Delta R.T. -0.018 min

Lab File: BP025782.D

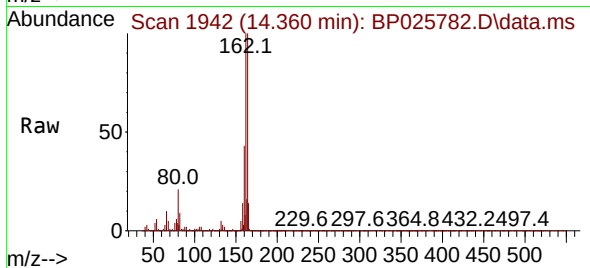
Acq: 18 Sep 2025 13:57

Instrument :

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ClientSampleId :

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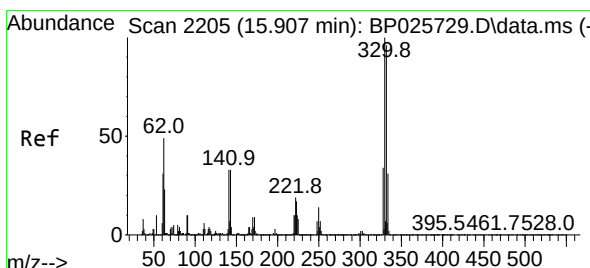
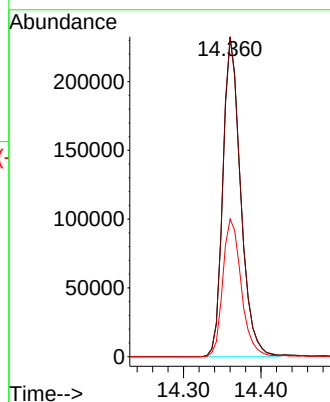
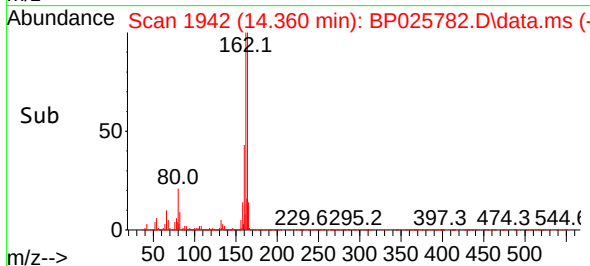
Tgt Ion:	164	Resp:	37011
Ion Ratio	Lower	Upper	
164	100		
162	100.2	80.6	120.8
160	43.2	35.0	52.6

Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 27.030 ng

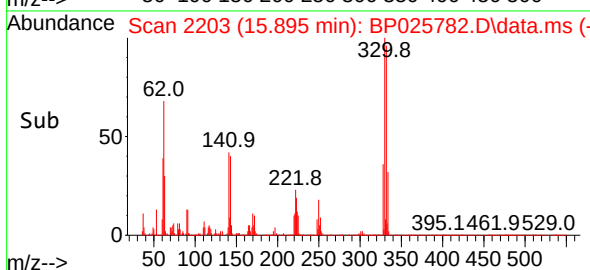
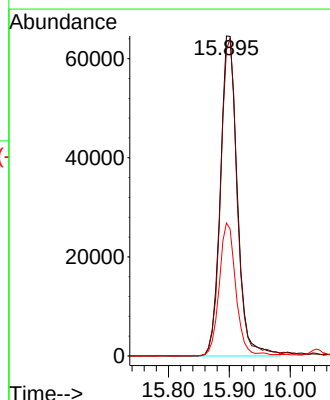
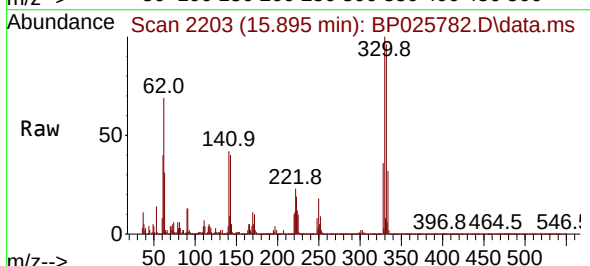
RT: 15.895 min Scan# 2203

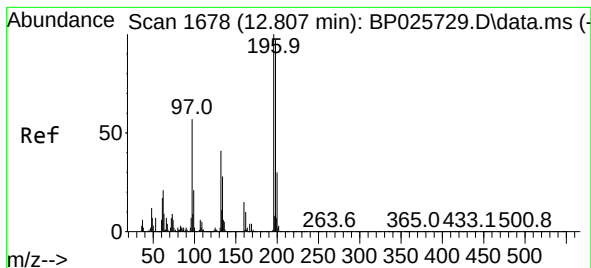
Delta R.T. -0.012 min

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# 1677

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

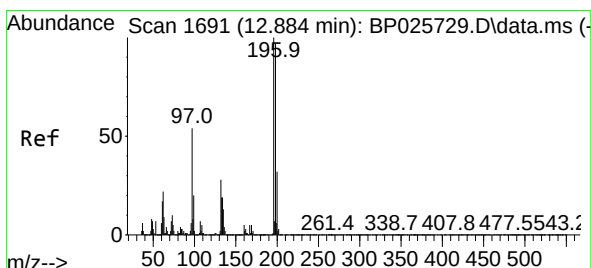
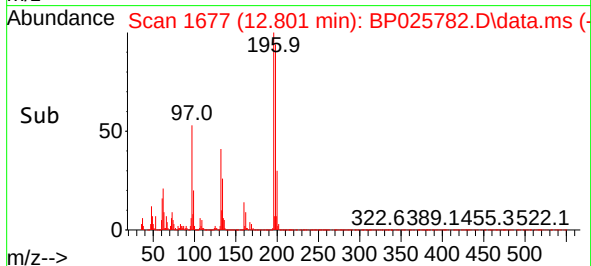
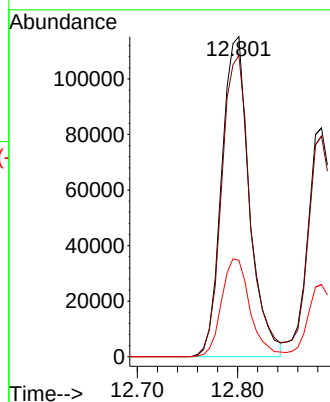
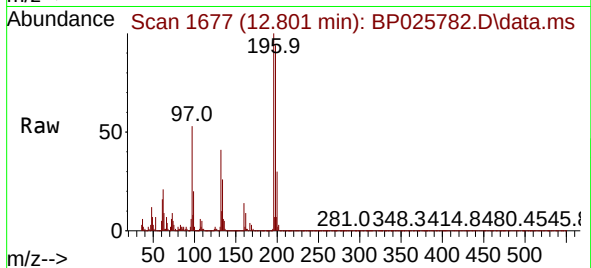
200 30.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/19/2025

Supervised By :Jagrut Upadhyay 09/19/2025



#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

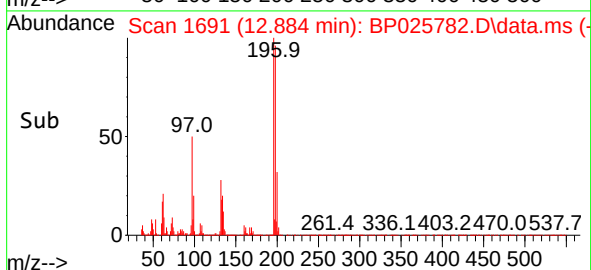
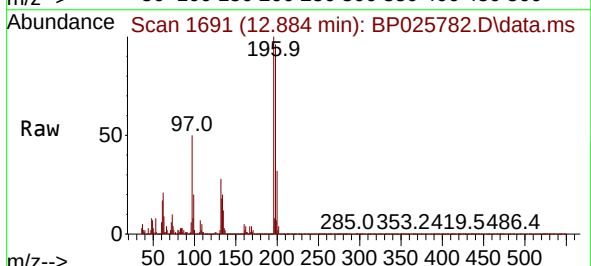
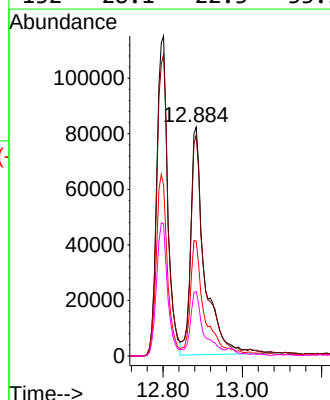
Ion Ratio Lower Upper

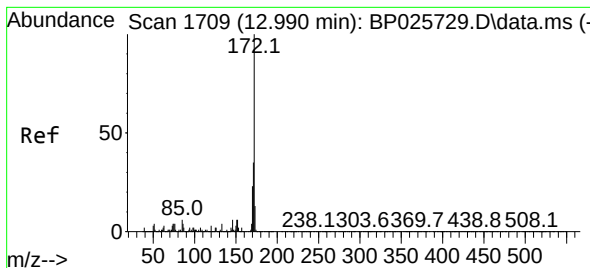
196 100

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# 1706

Delta R.T. -0.018 min

Lab File: BP025782.D

Acq: 18 Sep 2025 13:57

Instrument :

BNA_P

ClientSampleId :

WP0925-PT-ACIDS-WPDL

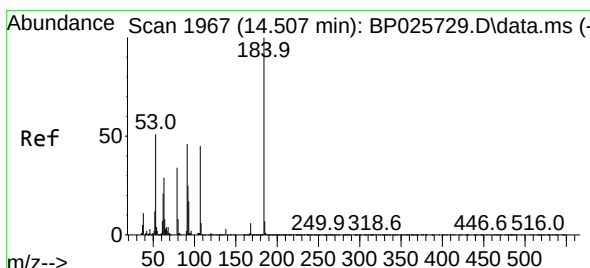
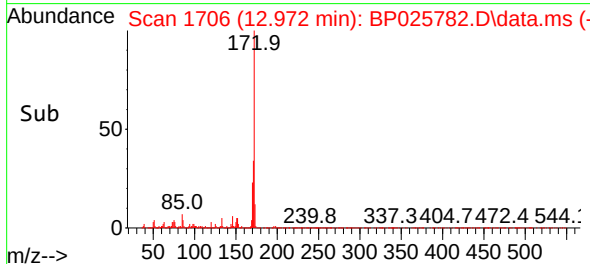
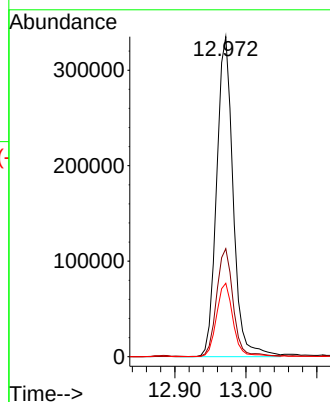
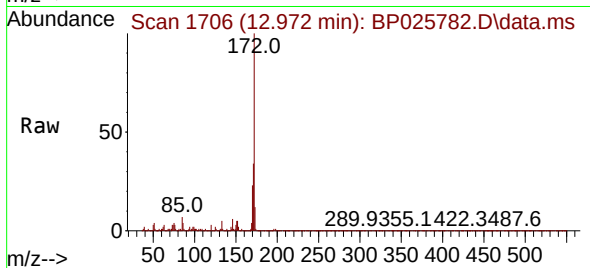
Tgt Ion:172	Resp: 54069
Ion Ratio	Lower Upper
172	100
171	33.8 27.8 41.6
170	23.0 18.6 27.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/19/2025

Supervised By :Jagrut Upadhyay 09/19/2025



#54

2,4-Dinitrophenol

Concen: 19.822 ng

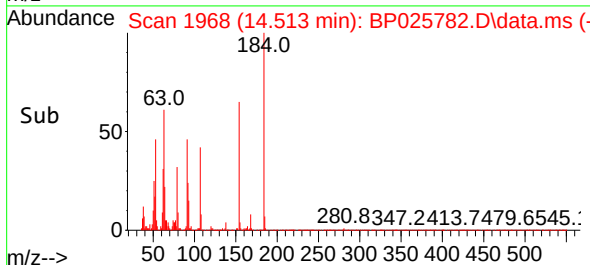
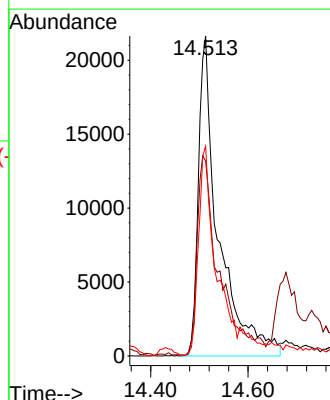
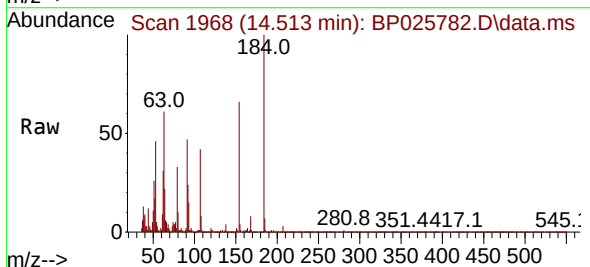
RT: 14.513 min Scan# 1968

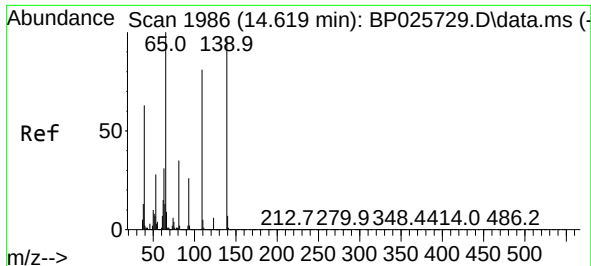
Delta R.T. 0.006 min

Lab File: BP025782.D

Acq: 18 Sep 2025 13:57

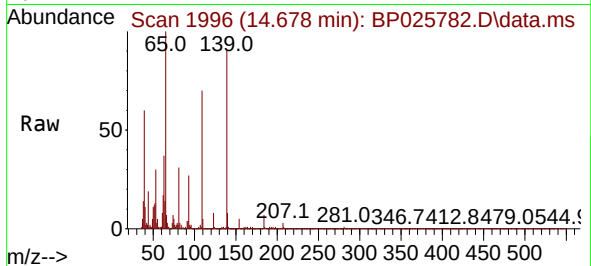
Tgt Ion:184	Resp: 62124
Ion Ratio	Lower Upper
184	100
63	60.9 52.5 78.7
154	65.5 51.5 77.3





#56
4-Nitrophenol
Concen: 19.452 ng m
RT: 14.678 min Scan# 1986
Delta R.T. 0.059 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

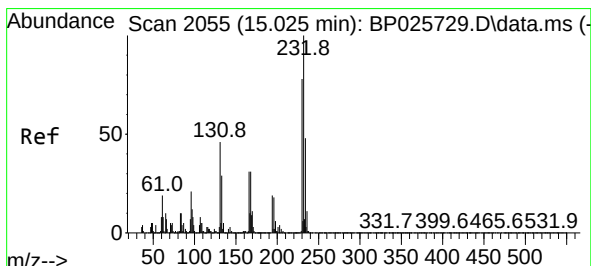
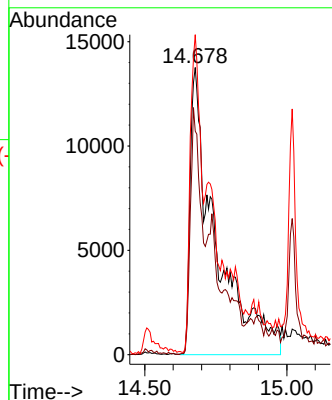
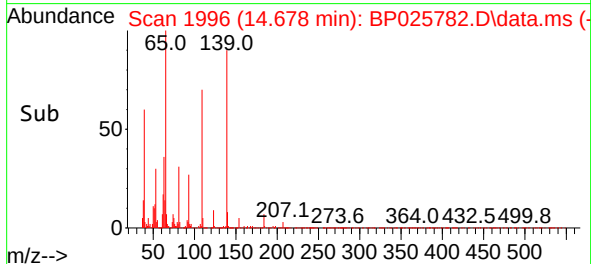
Instrument :
BNA_P
ClientSampleId :
WP0925-PT-ACIDS-WPDL



Tgt Ion:139 Resp: 85978
Ion Ratio Lower Upper
139 100
109 77.8 62.9 102.9
65 111.4 83.4 123.4

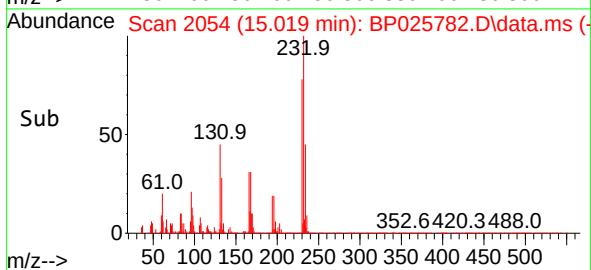
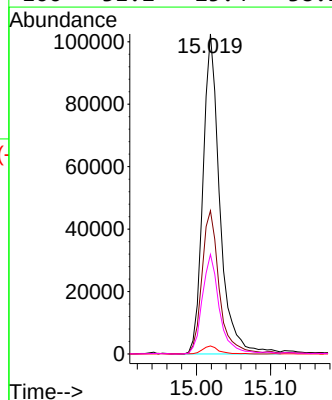
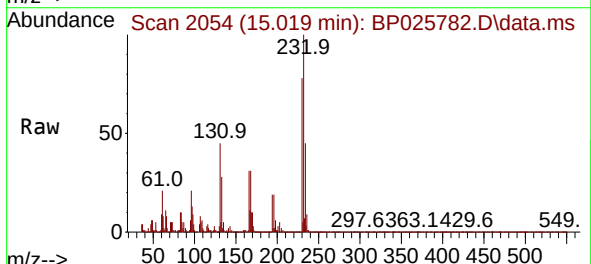
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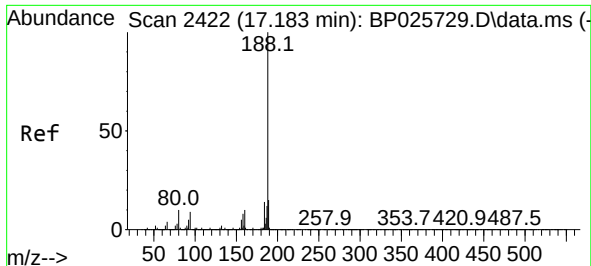
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025



#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





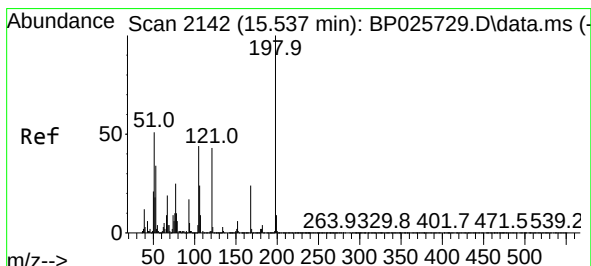
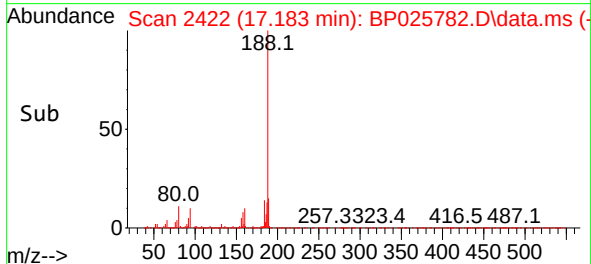
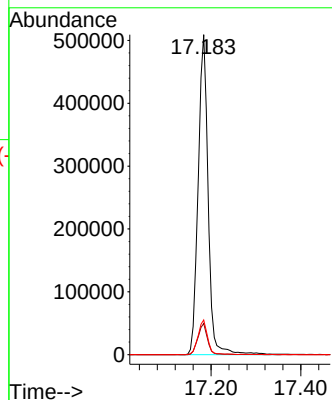
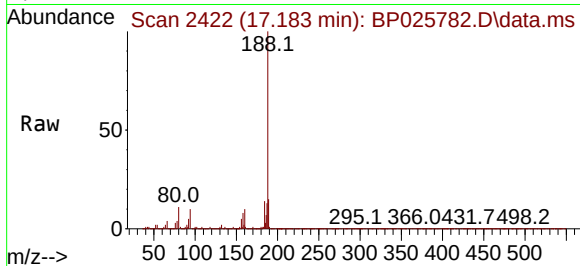
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025782.D
Acq: 18 Sep 2025 13:57

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

Tgt Ion:188 Resp: 78688
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 10.9 7.7 11.5

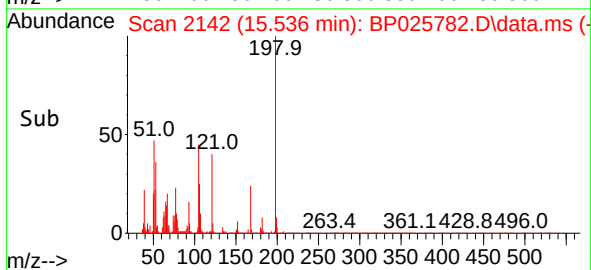
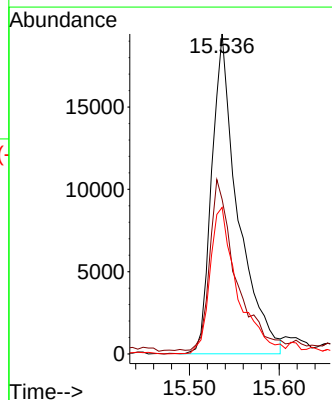
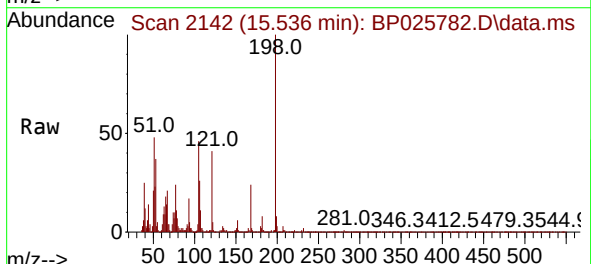
Manual Integrations
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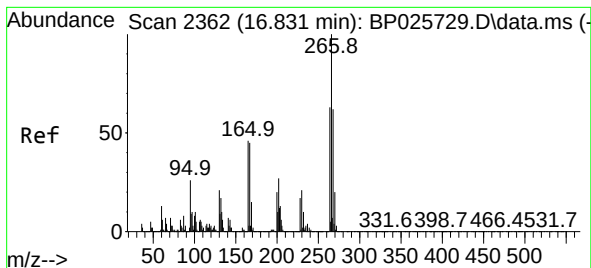
Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025



#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

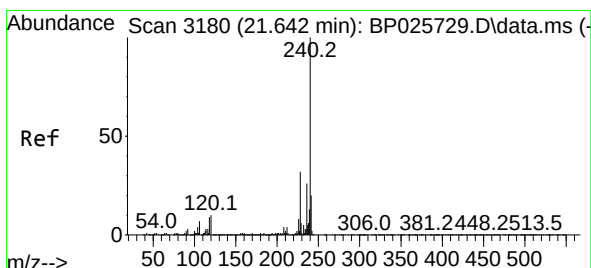
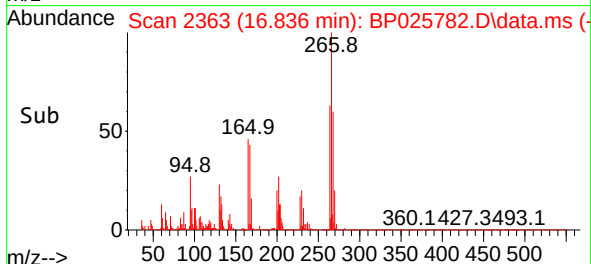
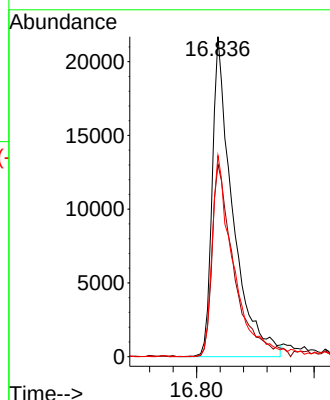
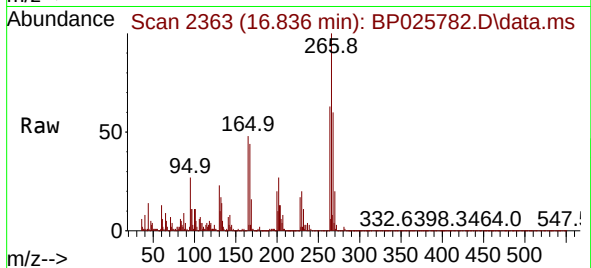
Tgt Ion:	266	Resp:	5216
Ion Ratio	Lower	Upper	
266	100		
268	60.1	49.8	74.8
264	62.9	50.2	75.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/19/2025

Supervised By :Jagrut Upadhyay 09/19/2025



#76

Chrysene-d12

Concen: 20.000 ng

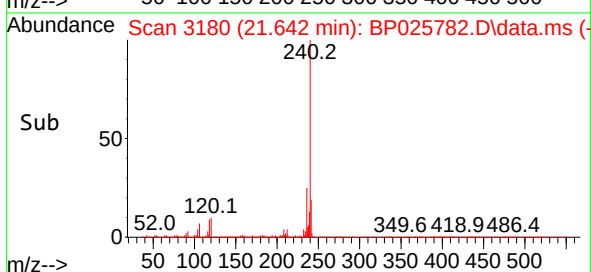
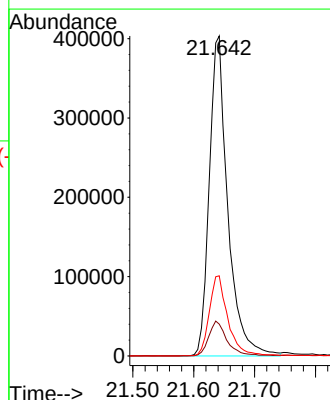
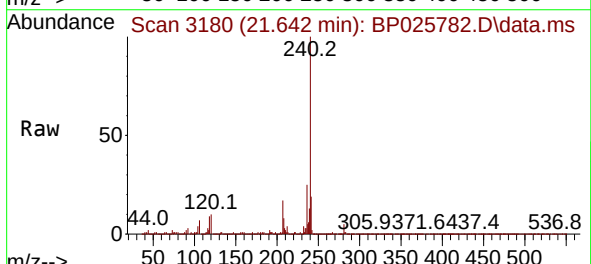
RT: 21.642 min Scan# 3180

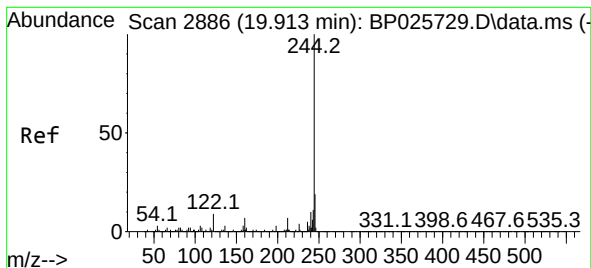
Delta R.T. -0.000 min

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

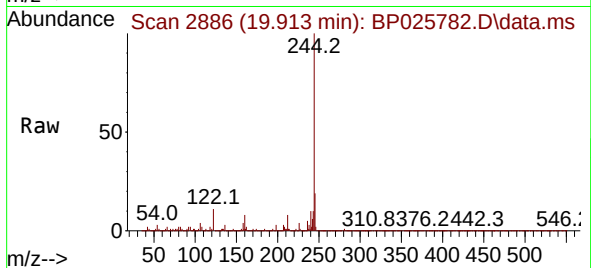
Acq: 18 Sep 2025 13:57

Instrument :

BNA_P

ClientSampleId :

WP0925-PT-ACIDS-WPDL



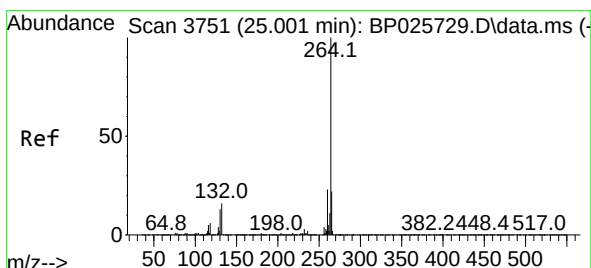
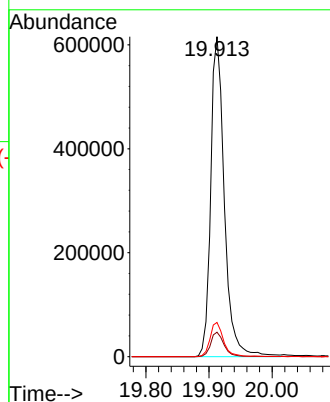
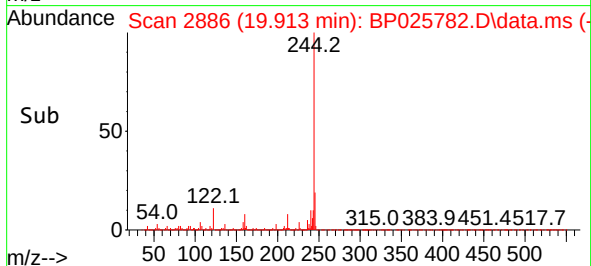
Tgt Ion:	244	Resp:	924260
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.9	8.9
122	10.7	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/19/2025

Supervised By :Jagrut Upadhyay 09/19/2025



#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

