

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025166.D
 Acq On : 16 Jul 2025 20:22
 Operator : CG/JU
 Sample : Q2592-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-SOIL-20250711

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/17/2025
 Supervised By :Jagrut Upadhyay 07/17/2025

Quant Time: Jul 17 01:10:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	569178	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2223517	20.000	ng	0.00
39) Acenaphthene-d10	14.101	164	1404763	20.000	ng	0.01
64) Phenanthrene-d10	16.919	188	2849474	20.000	ng	0.01
76) Chrysene-d12	21.348	240	3032748	20.000	ng	0.00
86) Perylene-d12	24.495	264	3540161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	454833	14.159	ng	0.00
7) Phenol-d6	6.643	99	599229	14.294	ng	0.01
23) Nitrobenzene-d5	8.572	82	356018	10.648	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	322413	19.428	ng	0.00
45) 2-Fluorobiphenyl	12.689	172	1004357	11.076	ng	0.00
79) Terphenyl-d14	19.683	244	1605339	11.634	ng	0.01
Target Compounds					Qvalue	
32) Benzoic acid	9.460	122	7225	6.474	ng	84
75) Fluoranthene	19.066	202	627897	3.528	ng	98
78) Pyrene	19.436	202	594146	3.163	ng	# 95
80) Butylbenzylphthalate	20.430	149	21902	3.961	ng	# 83
81) Benzo(a)anthracene	21.330	228	415157	2.259	ng	91
83) Chrysene	21.389	228	461571m	2.610	ng	
84) Bis(2-ethylhexyl)phtha...	21.324	149	891651	9.045	ng	# 98
87) Indeno(1,2,3-cd)pyrene	28.030	276	491763	2.180	ng	# 93
88) Benzo(b)fluoranthene	23.512	252	772310	3.748	ng	# 89
90) Benzo(a)pyrene	24.348	252	504238	2.875	ng	# 82
92) Benzo(g,h,i)perylene	29.100	276	571607	2.968	ng	94

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

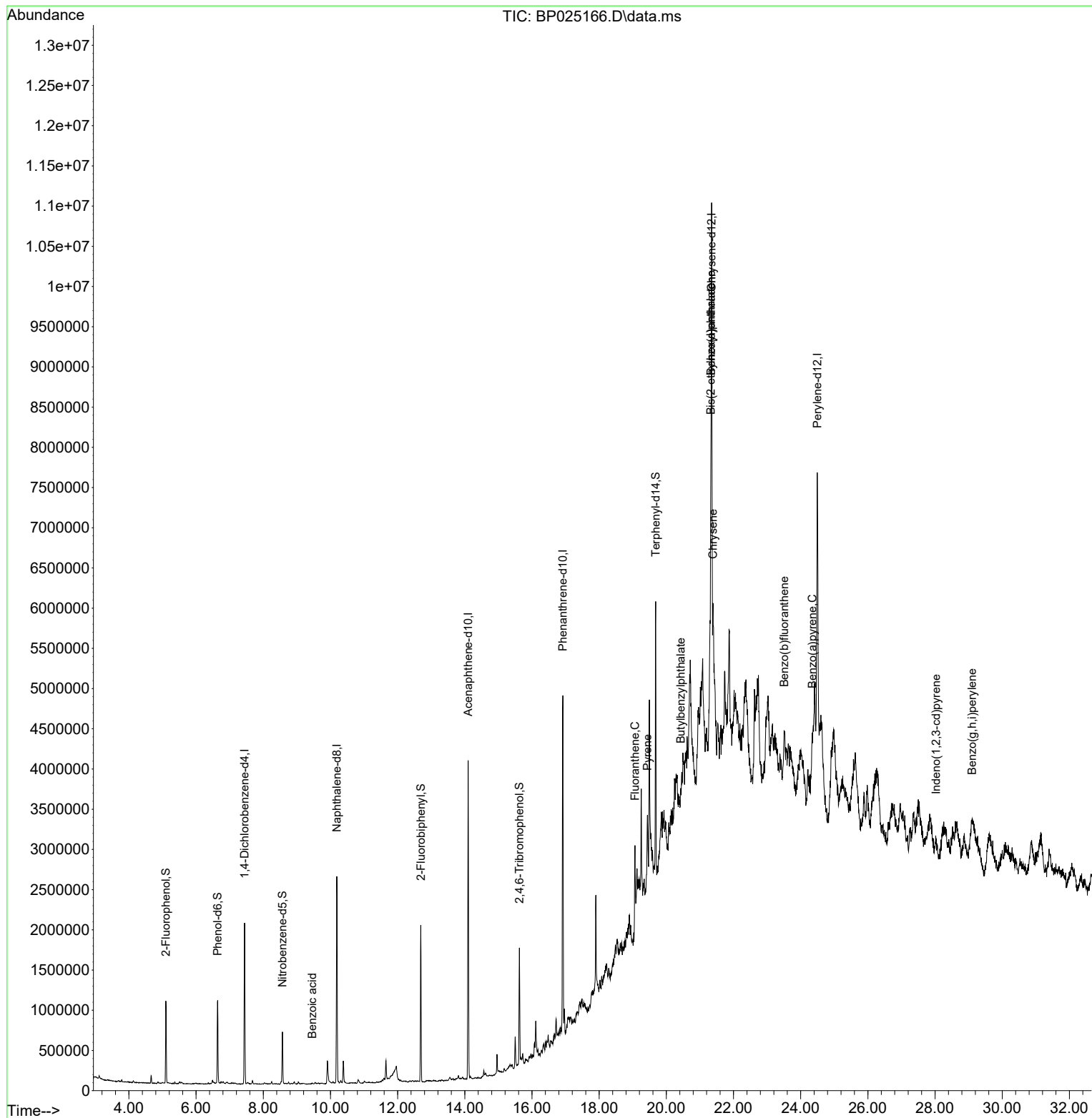
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025166.D
Acq On : 16 Jul 2025 20:22
Operator : CG/JU
Sample : Q2592-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

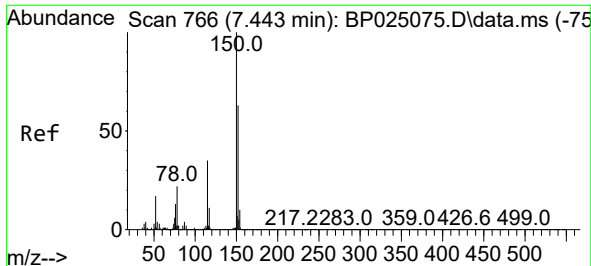
Instrument :
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Quant Time: Jul 17 01:10:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
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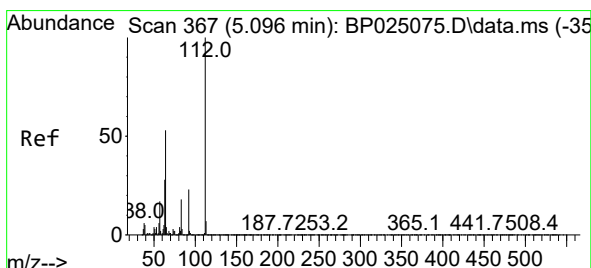
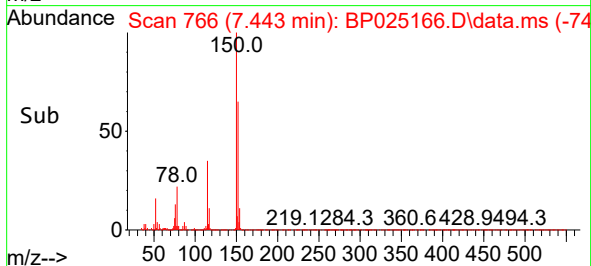
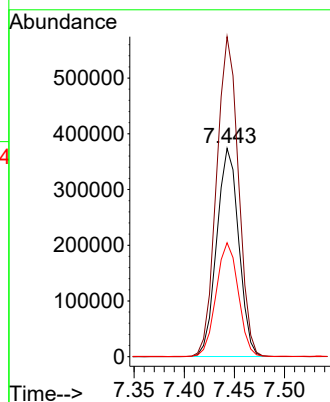
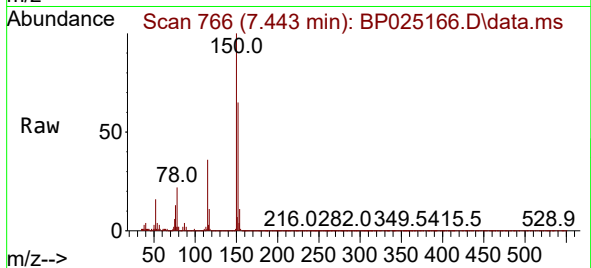
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 766
Delta R.T. -0.000 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711

Tgt Ion:152 Resp: 569178
Ion Ratio Lower Upper
152 100
150 153.6 126.1 189.1
115 54.7 44.3 66.5

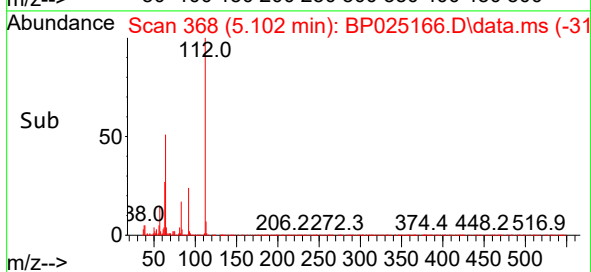
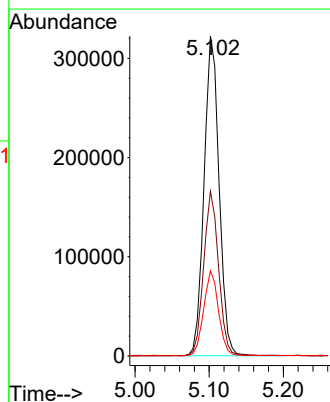
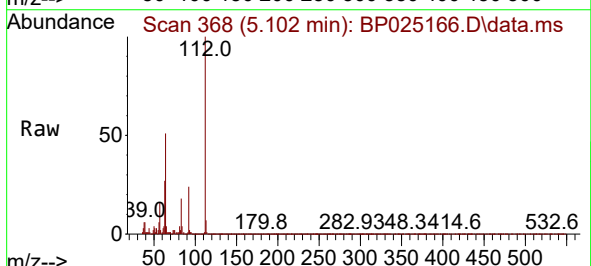
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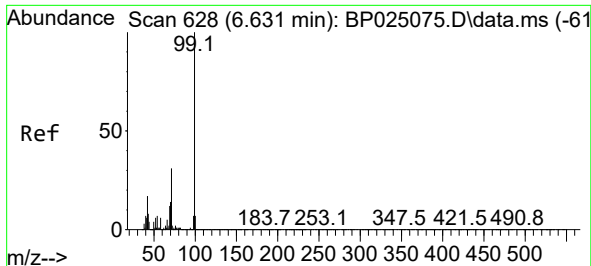
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#5
2-Fluorophenol
Concen: 14.159 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

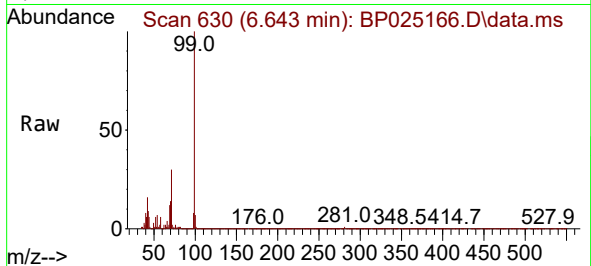
Tgt Ion:112 Resp: 454833
Ion Ratio Lower Upper
112 100
64 51.5 42.0 63.0
63 26.6 22.2 33.2





#7
Phenol-d6
Concen: 14.294 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

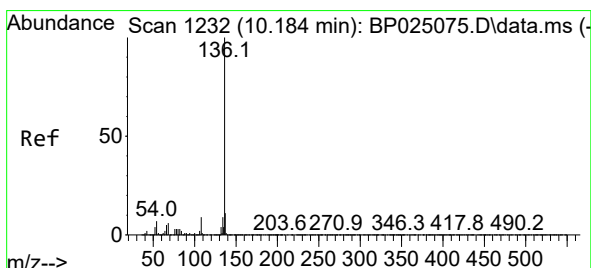
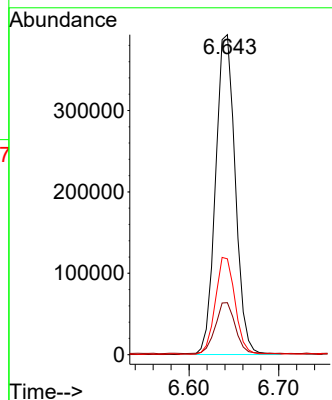
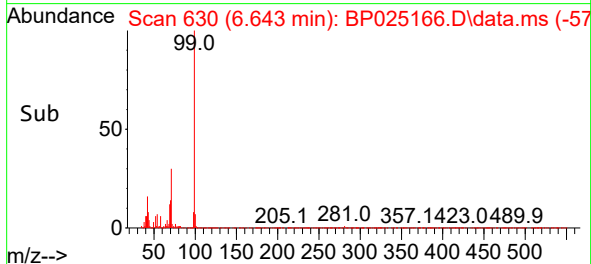
Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711



Tgt Ion: 99 Resp: 599229
Ion Ratio Lower Upper
99 100
42 16.3 13.6 20.4
71 30.0 24.4 36.6

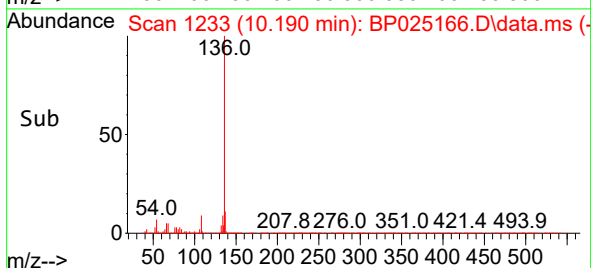
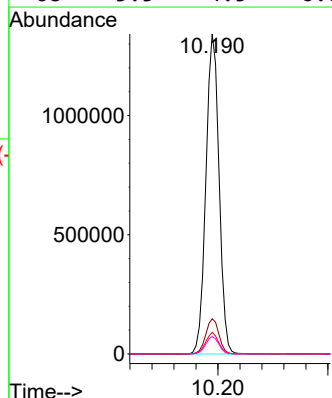
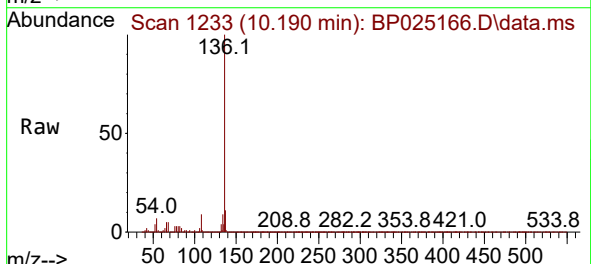
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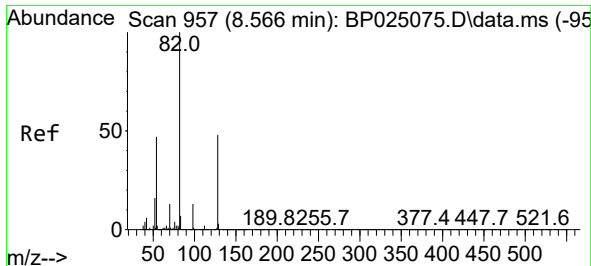
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

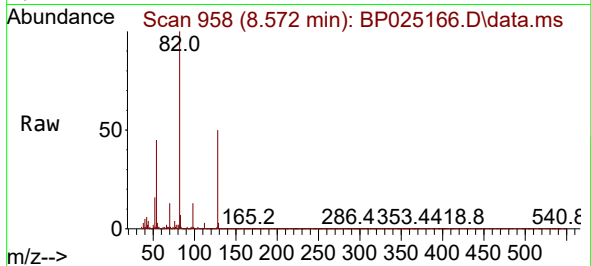
Tgt Ion:136 Resp: 2223517
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.7 5.4 8.2
68 5.5 4.5 6.7





#23
Nitrobenzene-d5
Concen: 10.648 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

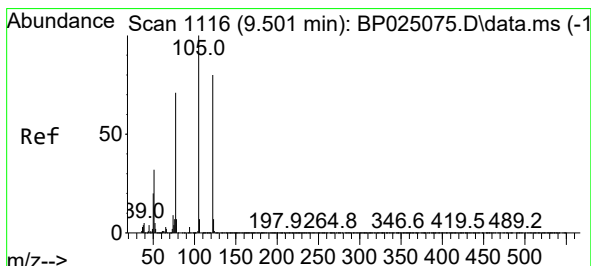
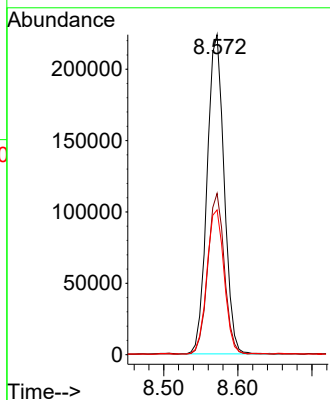
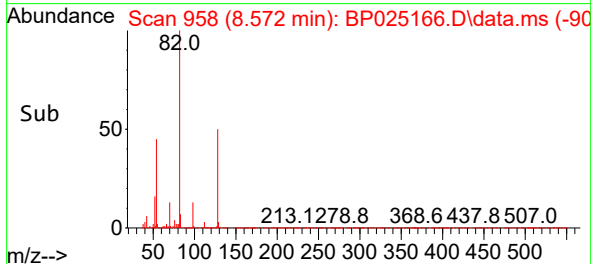
Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711



Tgt Ion: 82 Resp: 356018
Ion Ratio Lower Upper
82 100
128 50.4 38.4 57.6
54 45.2 37.8 56.6

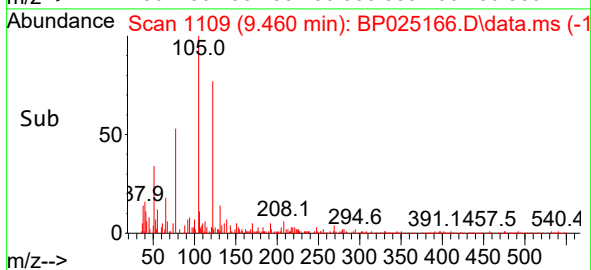
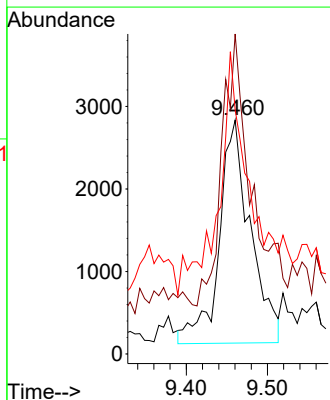
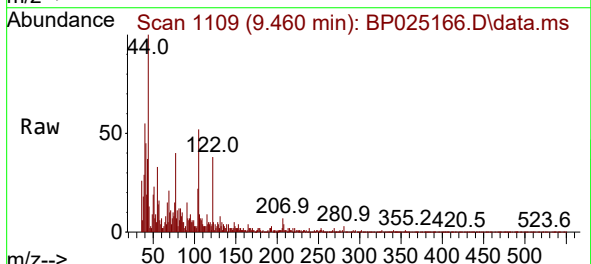
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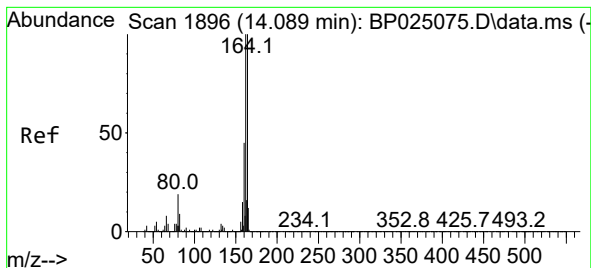
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#32
Benzoic acid
Concen: 6.474 ng
RT: 9.460 min Scan# 1109
Delta R.T. -0.041 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

Tgt Ion:122 Resp: 7225
Ion Ratio Lower Upper
122 100
105 136.8 101.0 141.0
77 104.3 67.6 107.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.101 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP025166.D

Acq: 16 Jul 2025 20:22

Instrument :

BNA_P

ClientSampleId :

WC-SOIL-20250711

Tgt Ion:164 Resp: 140476

Ion Ratio Lower Upper

164 100

162 100.2 80.3 120.5

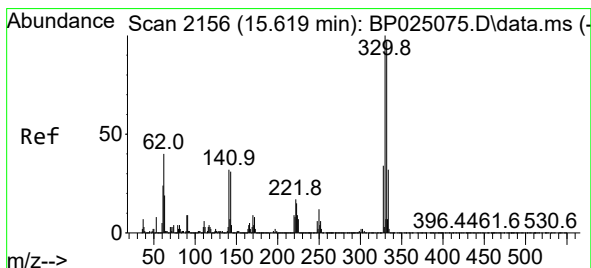
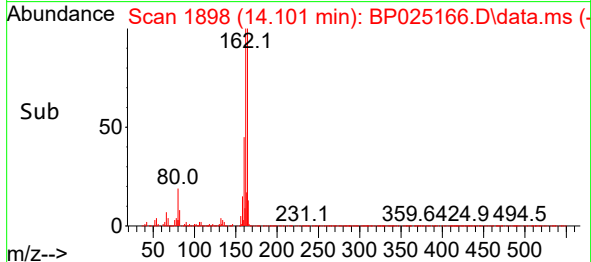
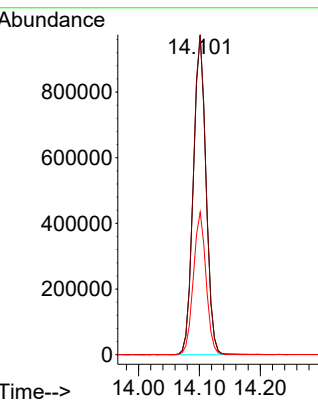
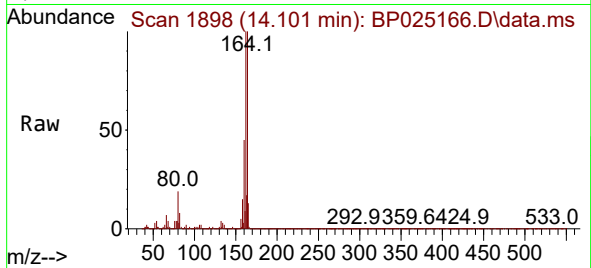
160 44.7 35.9 53.9

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#42

2,4,6-Tribromophenol

Concen: 19.428 ng

RT: 15.625 min Scan# 2157

Delta R.T. 0.006 min

Lab File: BP025166.D

Acq: 16 Jul 2025 20:22

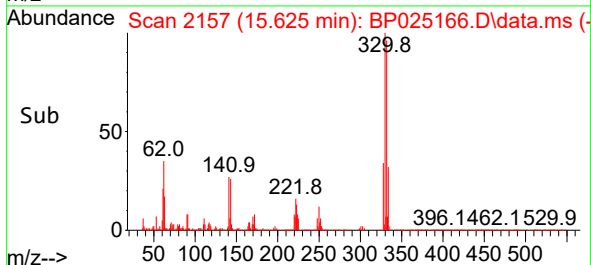
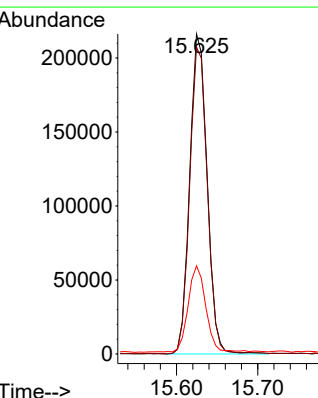
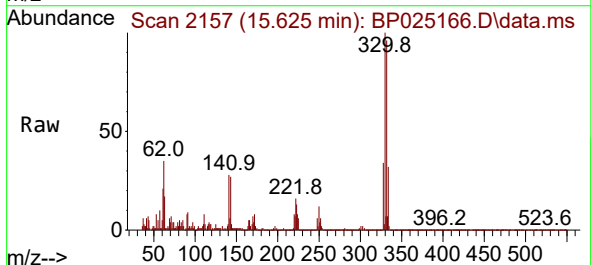
Tgt Ion:330 Resp: 322413

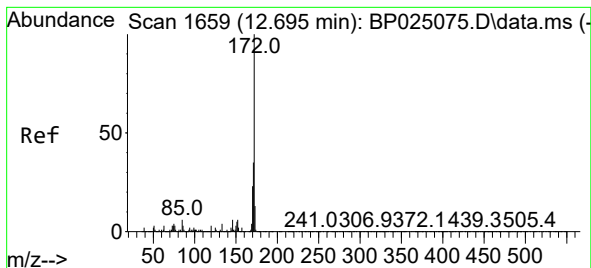
Ion Ratio Lower Upper

330 100

332 95.9 77.7 116.5

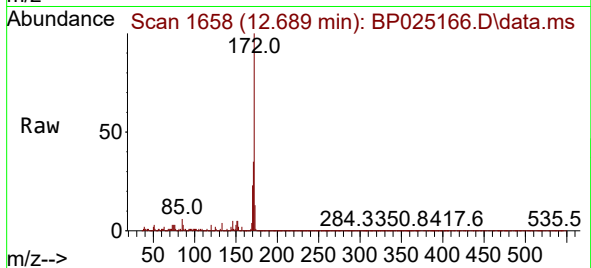
141 27.6 26.0 39.0





#45
2-Fluorobiphenyl
Concen: 11.076 ng
RT: 12.689 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

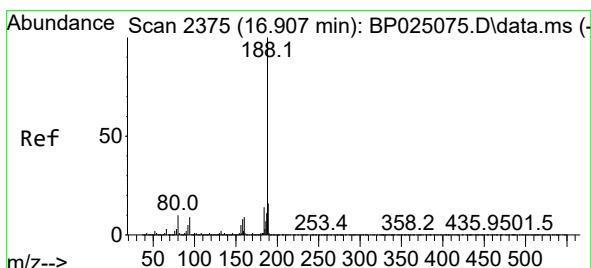
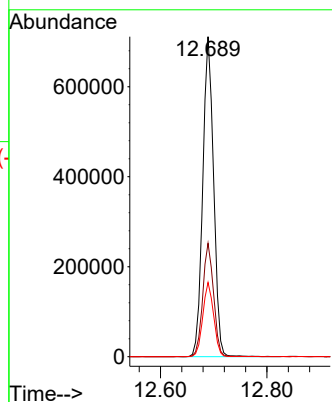
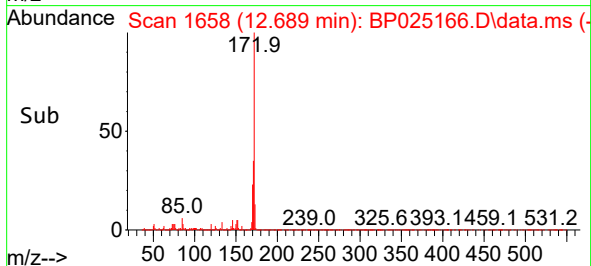
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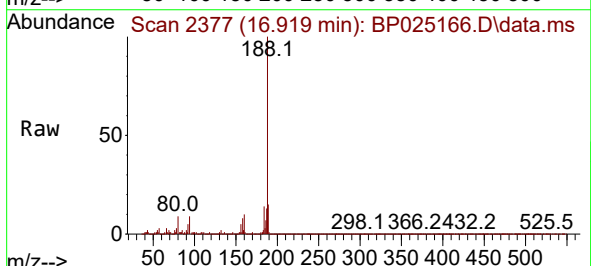
Tgt Ion:172 Resp: 100435
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.2 18.7 28.1

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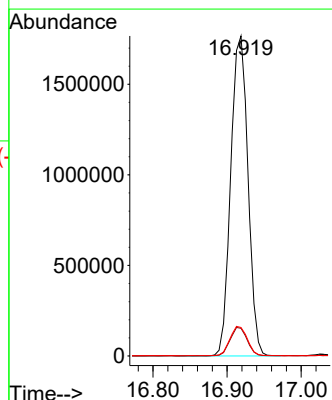
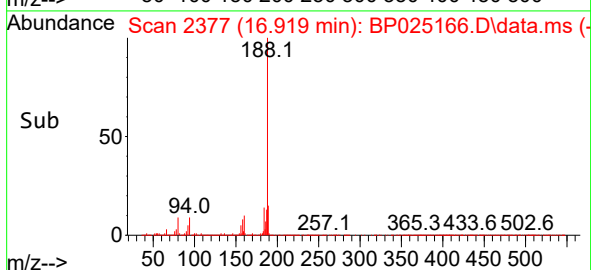
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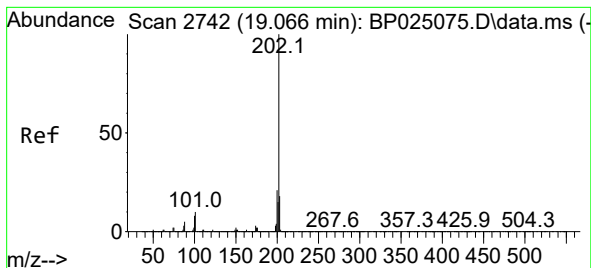


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2377
Delta R.T. 0.012 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22



Tgt Ion:188 Resp: 2849474
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 8.9 7.8 11.6





#75

Fluoranthene

Concen: 3.528 ng

RT: 19.066 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025166.D

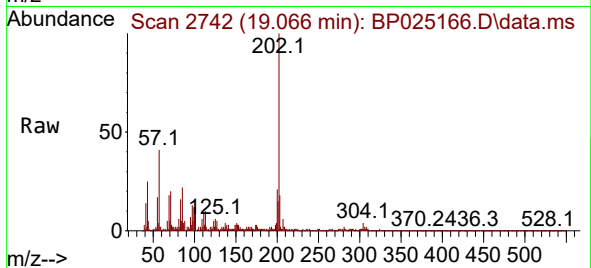
Acq: 16 Jul 2025 20:22

Instrument :

BNA_P

ClientSampleId :

WC-SOIL-20250711



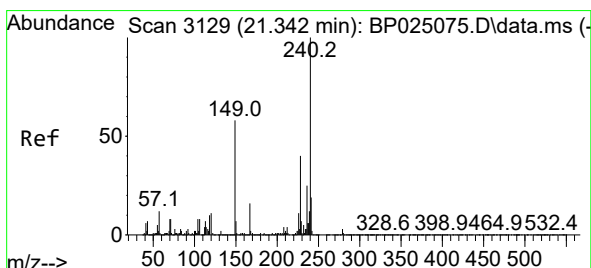
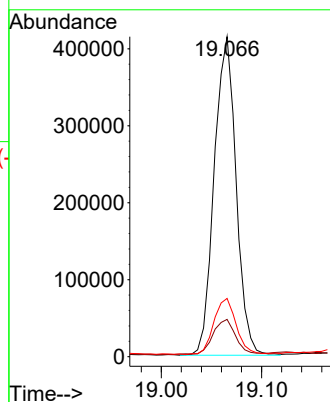
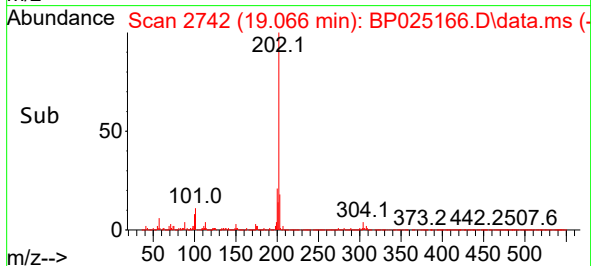
Tgt Ion:	202	Resp:	62789
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	30.4
203	18.2	0.0	37.6

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Supervised By :Jagrut Upadhyay 07/17/2025



#76

Chrysene-d12

Concen: 20.000 ng

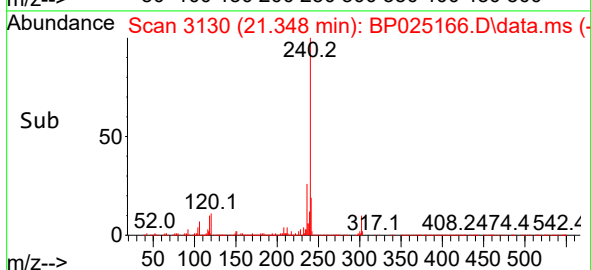
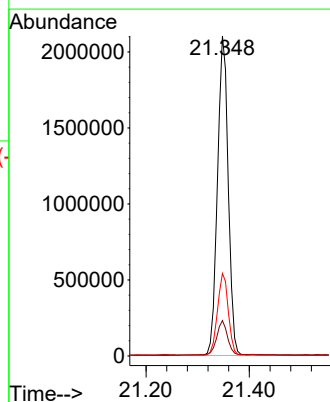
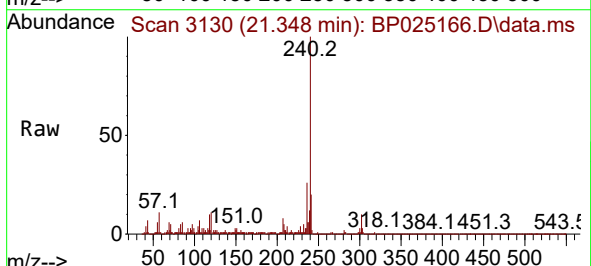
RT: 21.348 min Scan# 3130

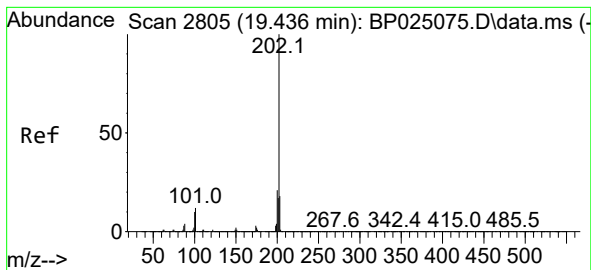
Delta R.T. 0.006 min

Lab File: BP025166.D

Acq: 16 Jul 2025 20:22

Tgt Ion:	240	Resp:	3032748
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.0	13.4
236	25.8	20.3	30.5





#78

Pyrene

Concen: 3.163 ng

RT: 19.436 min Scan# 2805

Delta R.T. -0.000 min

Lab File: BP025166.D

Acq: 16 Jul 2025 20:22

Instrument :

BNA_P

ClientSampleId :

WC-SOIL-20250711

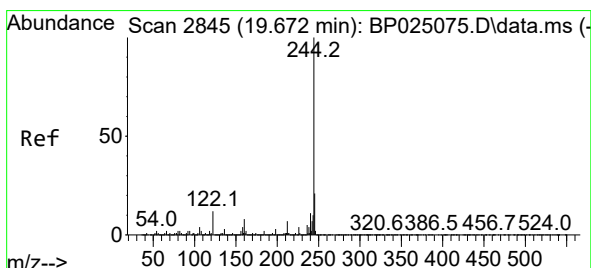
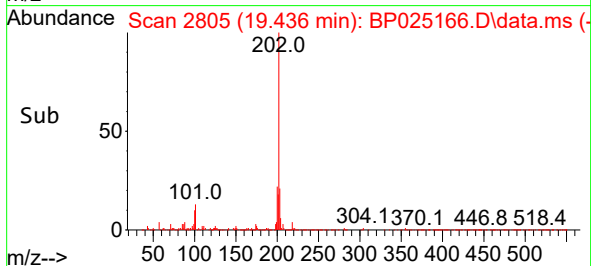
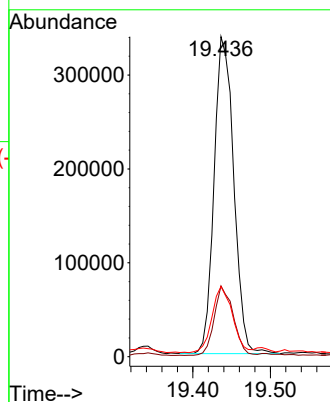
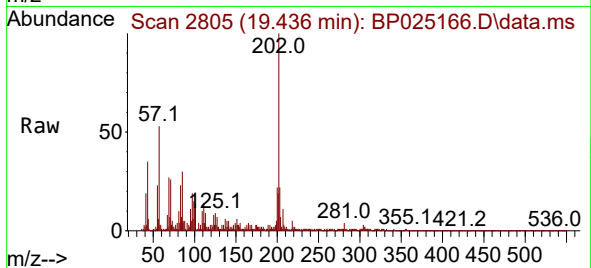
Tgt Ion:	202	Resp:	594140
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.1	25.7
203	21.9	14.1	21.1

Manual Integrations

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#79

Terphenyl-d14

Concen: 11.634 ng

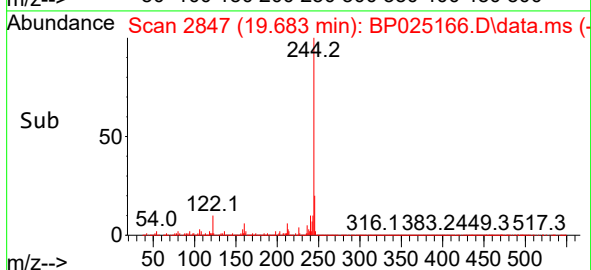
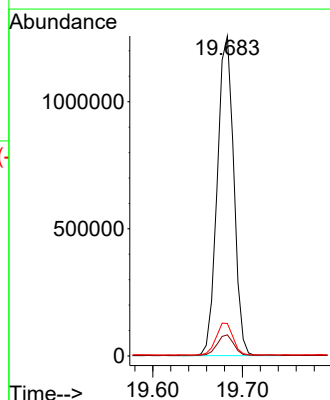
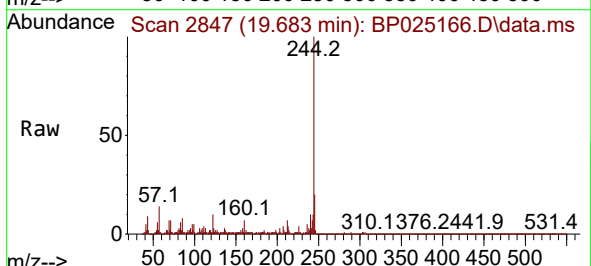
RT: 19.683 min Scan# 2847

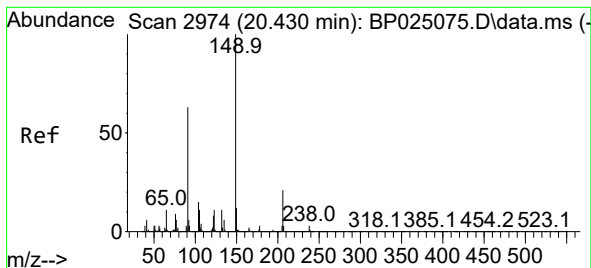
Delta R.T. 0.012 min

Lab File: BP025166.D

Acq: 16 Jul 2025 20:22

Tgt Ion:	244	Resp:	1605339
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.9	8.9
122	10.1	9.4	14.2





#80

Butylbenzylphthalate

Concen: 3.961 ng

RT: 20.430 min Scan# 2974

Delta R.T. 0.000 min

Lab File: BP025166.D

Acq: 16 Jul 2025 20:22

Instrument :

BNA_P

ClientSampleId :

WC-SOIL-20250711

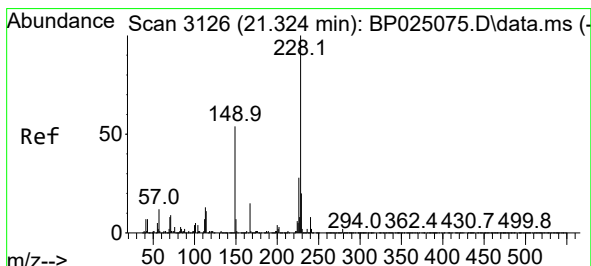
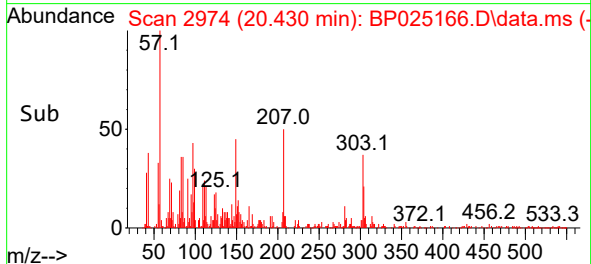
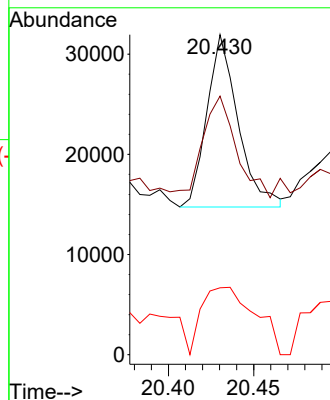
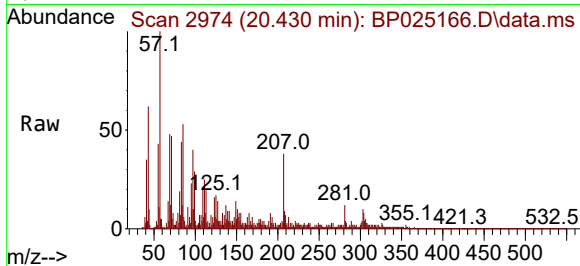
Tgt Ion:	149	Resp:	2190
Ion Ratio	Lower	Upper	
149	100		
91	80.8	50.6	76.0
206	20.9	17.2	25.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#81

Benzo(a)anthracene

Concen: 2.259 ng

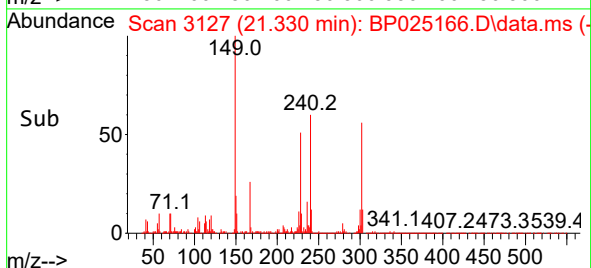
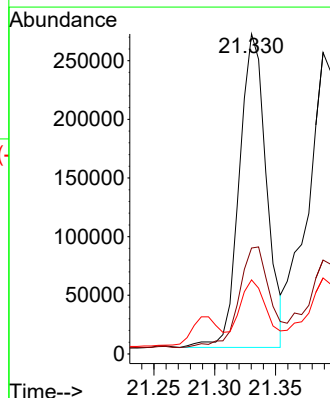
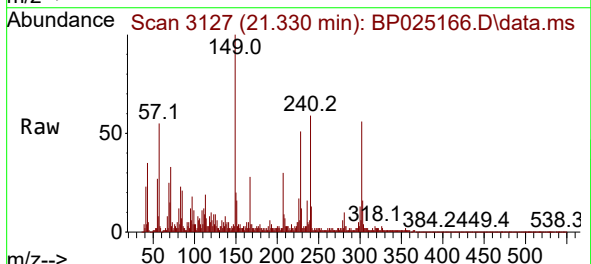
RT: 21.330 min Scan# 3127

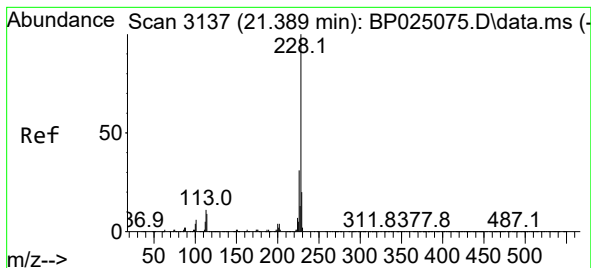
Delta R.T. 0.006 min

Lab File: BP025166.D

Acq: 16 Jul 2025 20:22

Tgt Ion:	228	Resp:	415157
Ion Ratio	Lower	Upper	
228	100		
226	33.1	22.1	33.1
229	23.1	16.0	24.0





#83

Chrysene

Concen: 2.610 ng m

RT: 21.389 min Scan# 3137

Delta R.T. -0.000 min

Lab File: BP025166.D

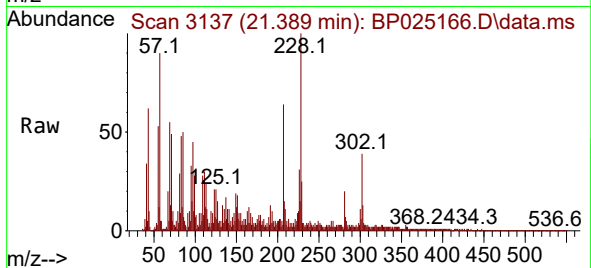
Acq: 16 Jul 2025 20:22

Instrument :

BNA_P

ClientSampleId :

WC-SOIL-20250711



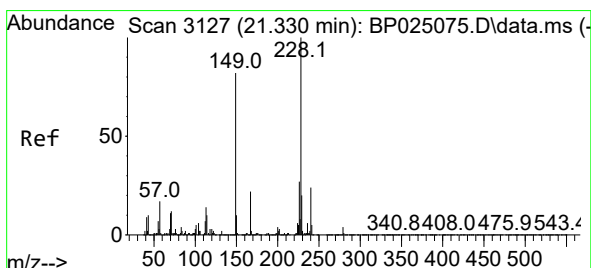
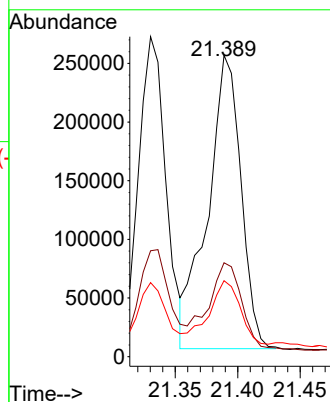
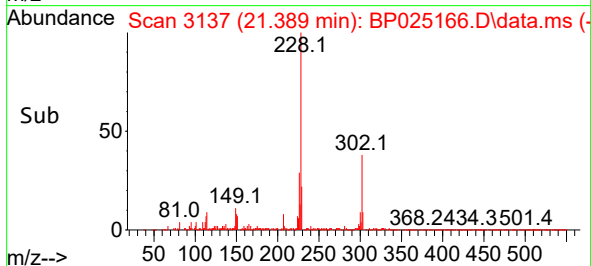
Tgt Ion:	228	Resp:	46157
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.4	36.6
229	25.2	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.045 ng

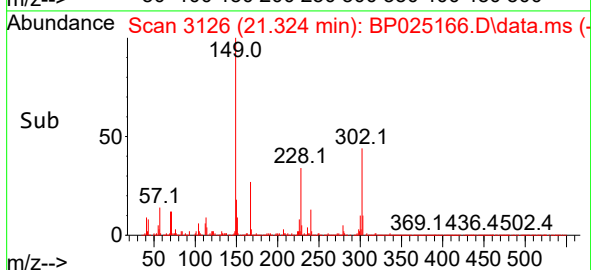
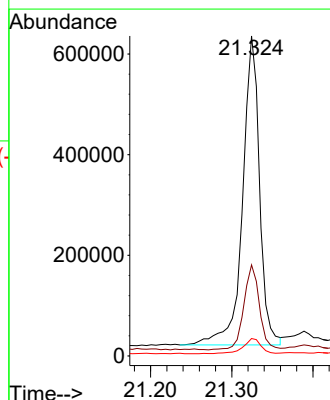
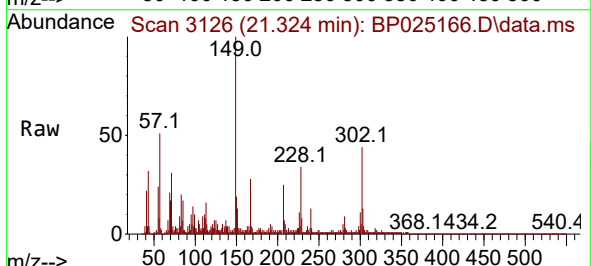
RT: 21.324 min Scan# 3126

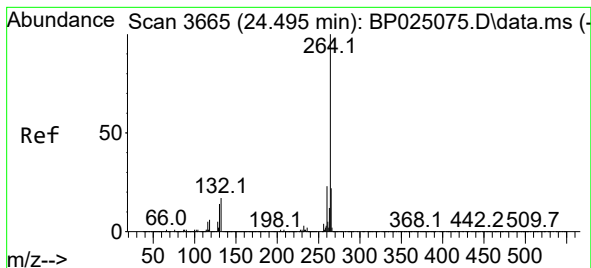
Delta R.T. -0.006 min

Lab File: BP025166.D

Acq: 16 Jul 2025 20:22

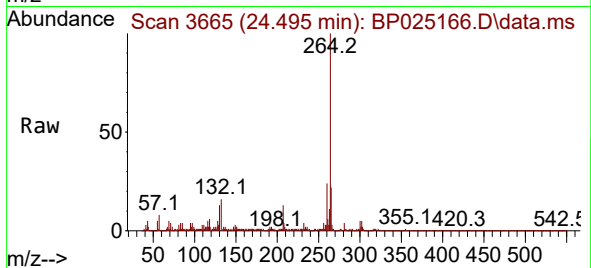
Tgt Ion:	149	Resp:	891651
Ion Ratio	Lower	Upper	
149	100		
167	28.5	21.9	32.9
279	5.4	3.5	5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3665
Delta R.T. -0.000 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

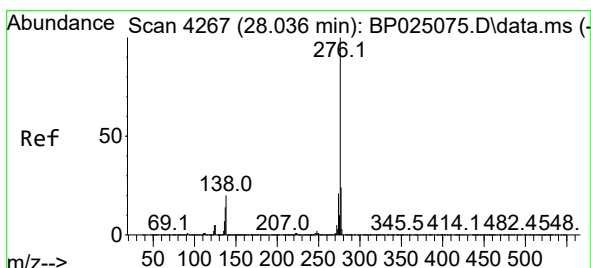
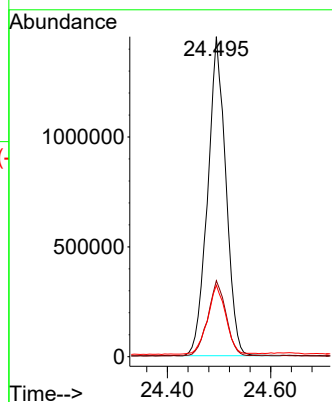
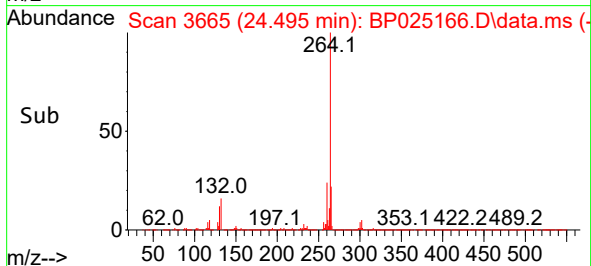
Instrument :
BNA_P
ClientSampleId :
WC-SOIL-20250711



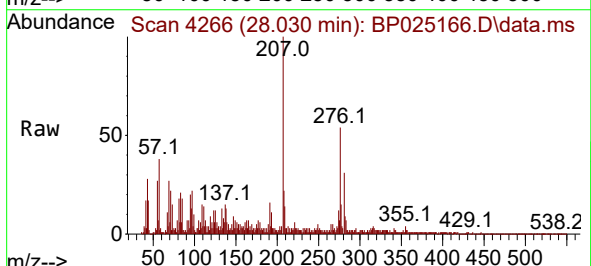
Tgt Ion:264 Resp: 354016
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.3 17.7 26.5

Manual Integrations
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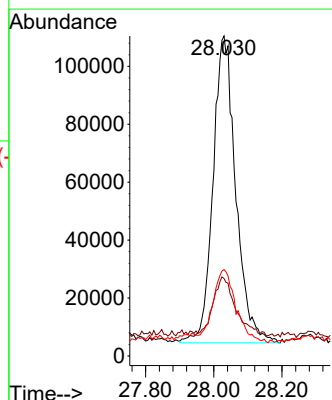
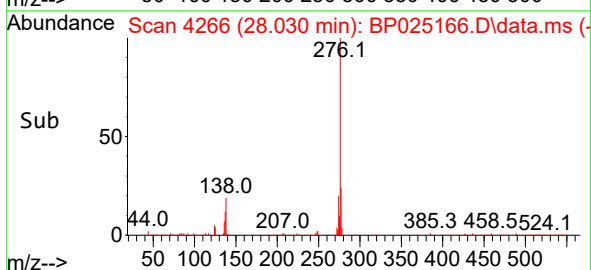
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

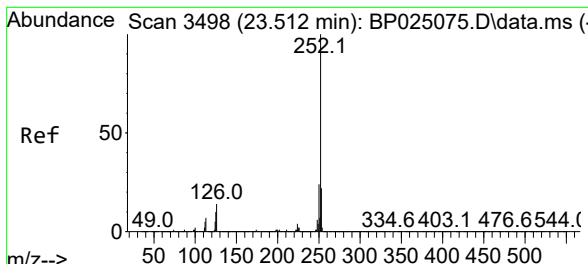


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.180 ng
RT: 28.030 min Scan# 4266
Delta R.T. -0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22



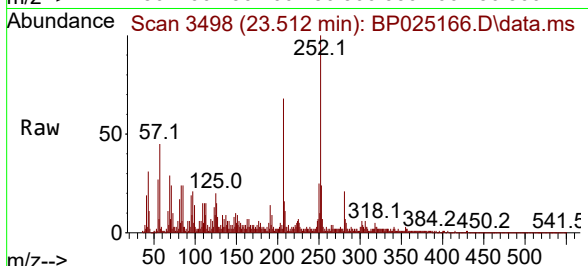
Tgt Ion:276 Resp: 491763
Ion Ratio Lower Upper
276 100
138 17.5 13.0 19.6
277 24.4 15.9 23.9





#88
Benzo(b)fluoranthene
Concen: 3.748 ng
RT: 23.512 min Scan# 3498
Delta R.T. -0.000 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22

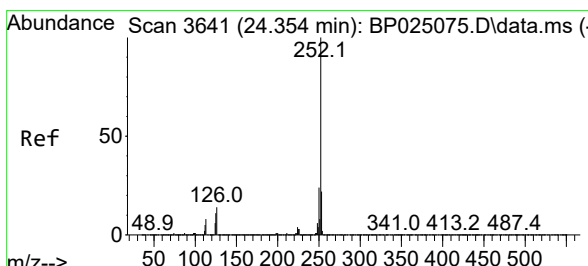
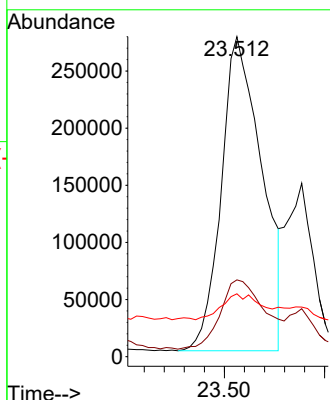
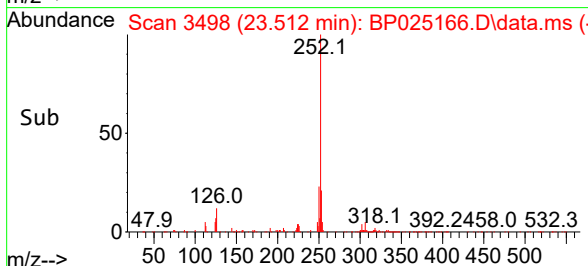
Instrument : BNA_P
ClientSampleId : WC-SOIL-20250711



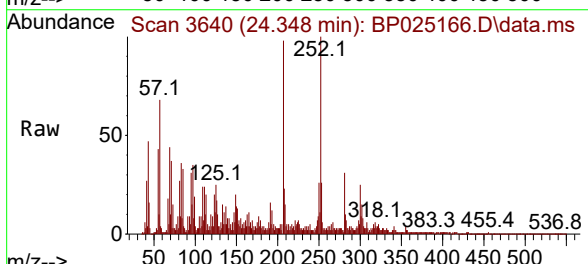
Tgt Ion:252 Resp: 772310
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 19.7 8.1 12.1

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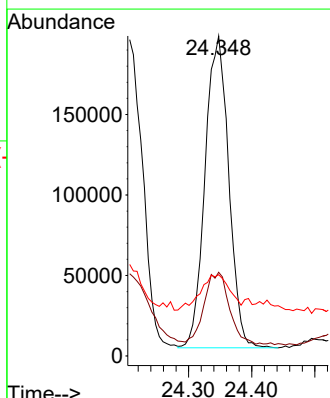
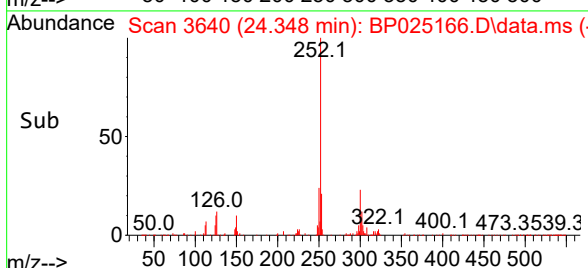
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

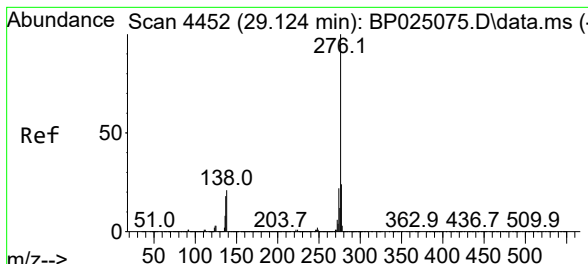


#90
Benzo(a)pyrene
Concen: 2.875 ng
RT: 24.348 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BP025166.D
Acq: 16 Jul 2025 20:22



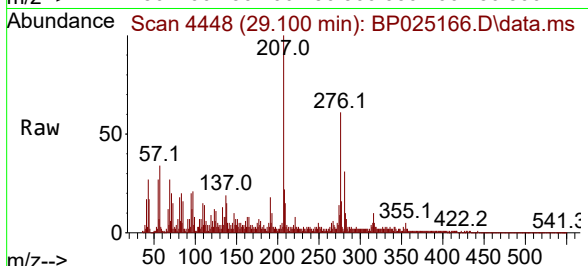
Tgt Ion:252 Resp: 504238
Ion Ratio Lower Upper
252 100
253 26.1 17.6 26.4
125 25.4 9.0 13.4





#92
 Benzo(g,h,i)perylene
 Concen: 2.968 ng
 RT: 29.100 min Scan# 44
 Delta R.T. -0.024 min
 Lab File: BP025166.D
 Acq: 16 Jul 2025 20:22

Instrument :
 BNA_P
 ClientSampleId :
 WC-SOIL-20250711



Tgt Ion:	276	Resp:	57160
Ion Ratio	Lower	Upper	
276	100		
277	26.4	19.3	28.9
138	24.7	16.9	25.3

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/17/2025
 Supervised By :Jagrut Upadhyay 07/17/2025

