

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
 Data File : BP020483.D
 Acq On : 30 May 2024 12:25
 Operator : MA/JU
 Sample : P2252-11DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PT-BNA-SOILD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 12:55:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	252818	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	920361	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	532738	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	1037613	20.000	ng	-0.01
76) Chrysene-d12	21.663	240	1026795	20.000	ng	0.00
86) Perylene-d12	25.033	264	1231273	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	321974	22.802	ng	-0.02
7) Phenol-d6	6.905	99	424288	21.307	ng	-0.03
23) Nitrobenzene-d5	8.887	82	256947	15.282	ng	-0.04
42) 2,4,6-Tribromophenol	15.892	330	110850	20.050	ng	-0.02
45) 2-Fluorobiphenyl	12.981	172	612268	17.133	ng	-0.02
79) Terphenyl-d14	19.939	244	958981	15.548	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.305	128	764993	48.329	ng	99
13) 1,4-Dichlorobenzene	7.775	146	335275	17.688	ng	99
14) 1,2-Dichlorobenzene	8.087	146	427266	23.357	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	359801	14.327	ng	100
18) Hexachloroethane	8.810	117	51889	7.497	ng	95
24) Nitrobenzene	8.934	77	922030	54.035	ng	99
25) Isophorone	9.446	82	619057	18.950	ng	100
26) 2-Nitrophenol	9.640	139	154819	24.916	ng	98
29) 2,4-Dichlorophenol	10.151	162	423237	31.966	ng	98
30) 1,2,4-Trichlorobenzene	10.381	180	803554	51.122	ng	98
34) Hexachlorobutadiene	10.846	225	231396	23.370	ng	96
36) 4-Chloro-3-methylphenol	11.787	107	564403	36.408	ng	99
37) 2-Methylnaphthalene	12.187	142	203041	6.022	ng	98
43) 2,4,6-Trichlorophenol	12.787	196	236124	25.343	ng	98
47) 2-Chloronaphthalene	13.245	162	725388	24.270	ng	100
49) Acenaphthylene	14.092	152	412546	9.302	ng	99
50) Dimethylphthalate	13.828	163	1173535	31.251	ng	100
52) Acenaphthene	14.445	154	193294	6.909	ng	99
55) Dibenzofuran	14.787	168	636995	14.374	ng	97
56) 4-Nitrophenol	14.575	139	166580	26.747	ng	96
58) Fluorene	15.445	166	1224404	34.416	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.004	232	55934	6.359	ng	98
60) Diethylphthalate	15.234	149	1379601	36.141	ng	100
67) 4-Bromophenyl-phenylether	16.369	248	262194	24.699	ng	95
70) Pentachlorophenol	16.822	266	76122	10.032	ng	99
72) Anthracene	17.328	178	647262	12.932	ng	100
73) Carbazole	17.610	167	726494	15.006	ng	99
74) Di-n-butylphthalate	18.222	149	1346152	22.961	ng	99
75) Fluoranthene	19.333	202	579585	9.605	ng	98
80) Butylbenzylphthalate	20.692	149	847690	28.305	ng	93
87) Indeno(1,2,3-cd)pyrene	28.839	276	811389m	10.837	ng	
89) Benzo(k)fluoranthene	24.039	252	993574	13.281	ng	99
90) Benzo(a)pyrene	24.868	252	485155	7.637	ng	100
91) Dibenzo(a,h)anthracene	28.939	278	1268917	20.319	ng	99
92) Benzo(g,h,i)perylene	30.015	276	828555	13.273	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

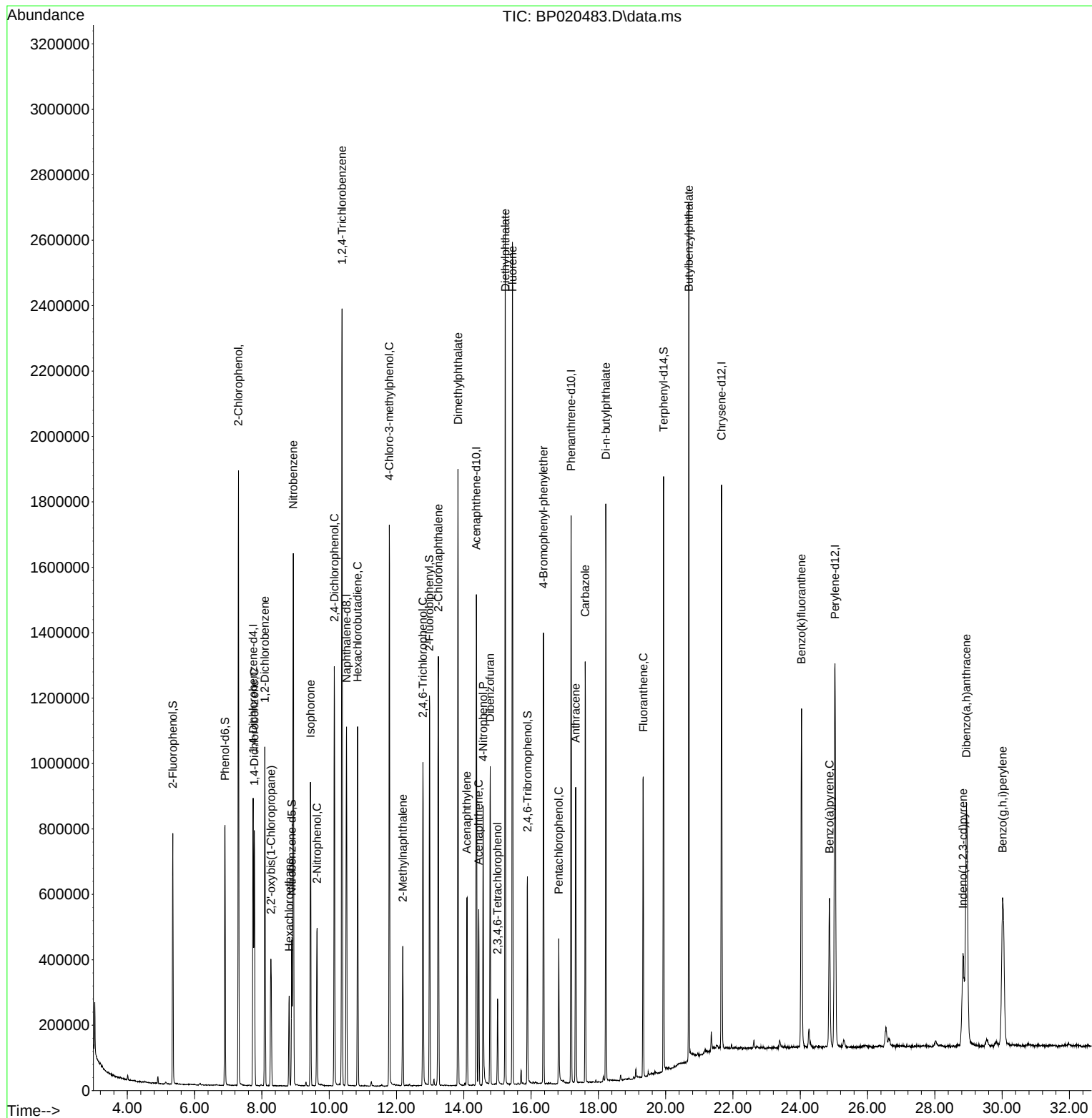
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
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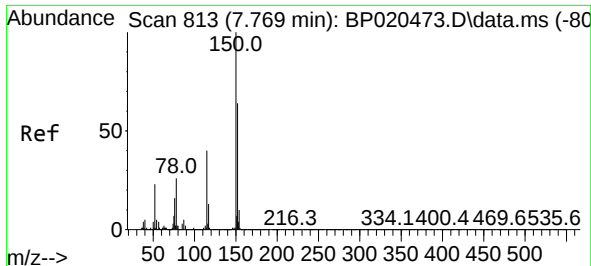
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Manual Integrations APPROVED

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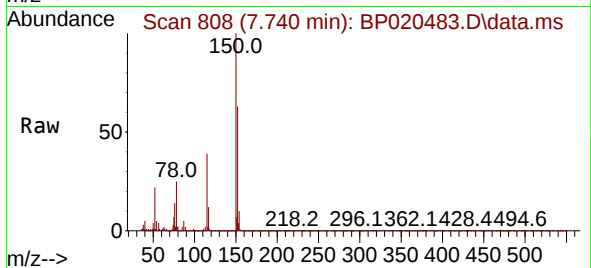
Quant Time: May 30 12:55:25 2024
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.029 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

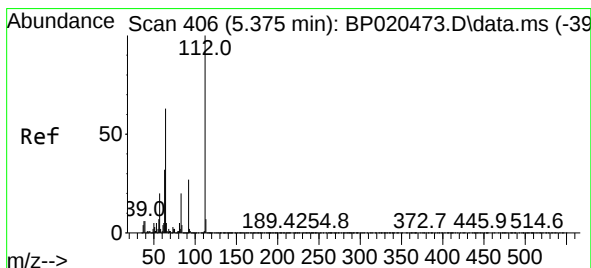
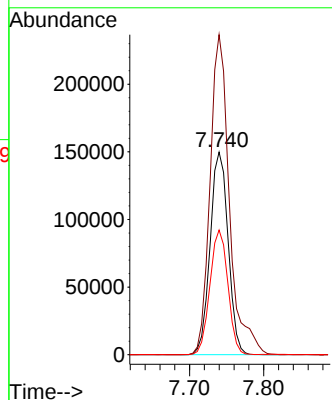
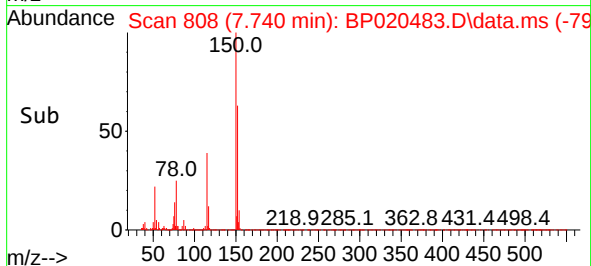
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL



Tgt Ion:152 Resp: 252818
Ion Ratio Lower Upper
152 100
150 158.0 124.2 186.2
115 61.6 49.5 74.3

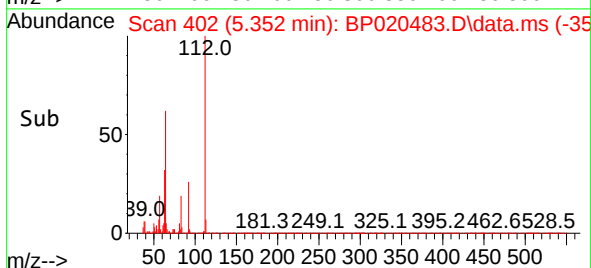
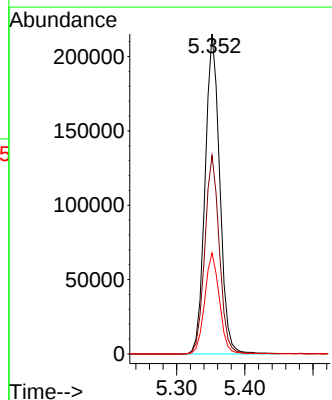
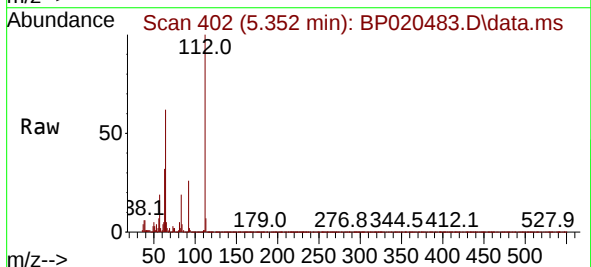
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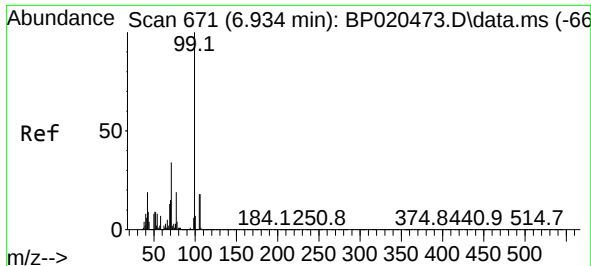
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#5
2-Fluorophenol
Concen: 22.802 ng
RT: 5.352 min Scan# 402
Delta R.T. -0.024 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

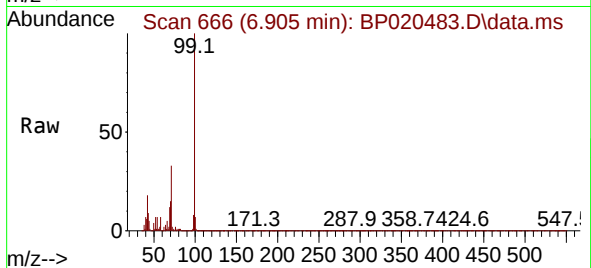
Tgt Ion:112 Resp: 321974
Ion Ratio Lower Upper
112 100
64 62.0 50.1 75.1
63 31.6 25.7 38.5





#7
Phenol-d6
Concen: 21.307 ng
RT: 6.905 min Scan# 671
Delta R.T. -0.029 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

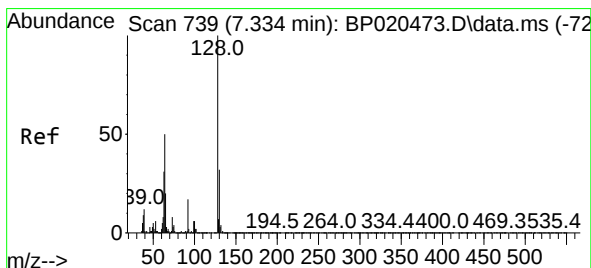
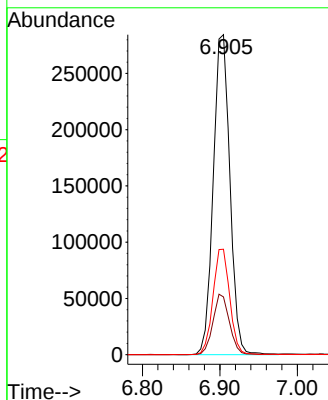
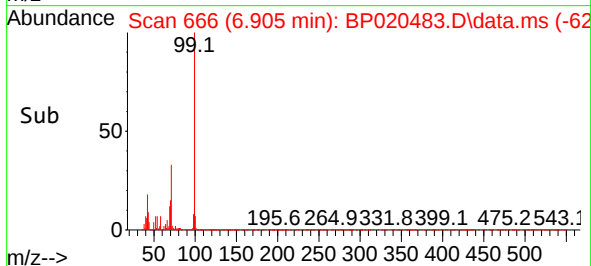
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL



Tgt Ion: 99 Resp: 424288
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 32.9 27.3 40.9

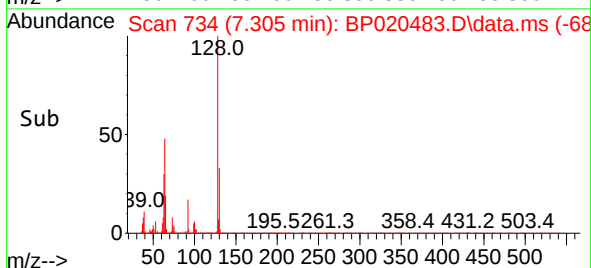
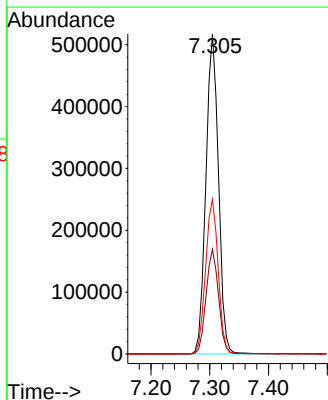
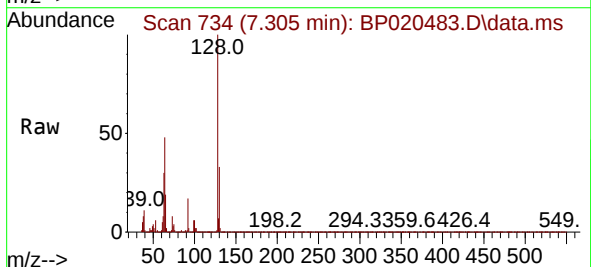
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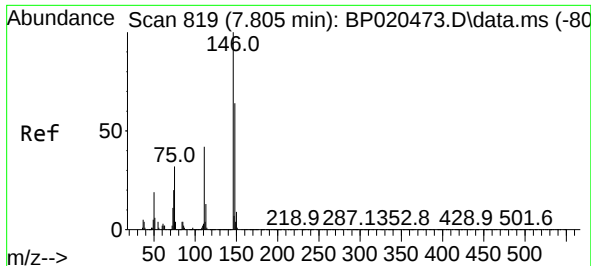
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#8
2-Chlorophenol
Concen: 48.329 ng
RT: 7.305 min Scan# 734
Delta R.T. -0.029 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

Tgt Ion:128 Resp: 764993
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 48.3 29.6 69.6





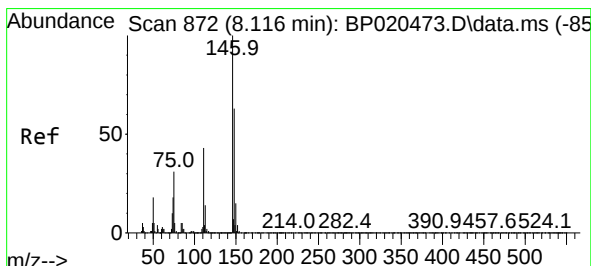
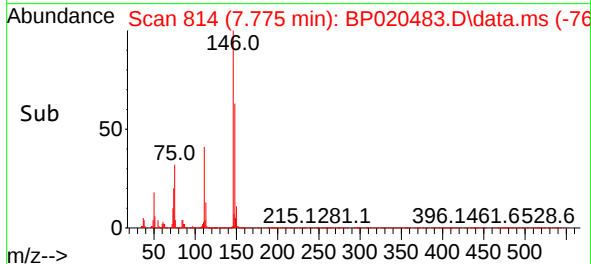
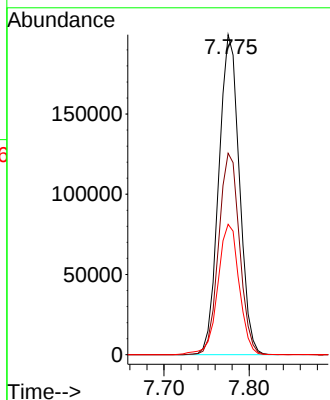
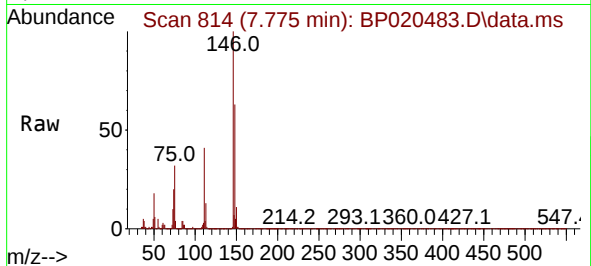
#13
1,4-Dichlorobenzene
Concen: 17.688 ng
RT: 7.775 min Scan# 819
Delta R.T. -0.029 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:146 Resp: 335275
Ion Ratio Lower Upper
146 100
148 62.9 50.8 76.2
111 40.8 33.8 50.6

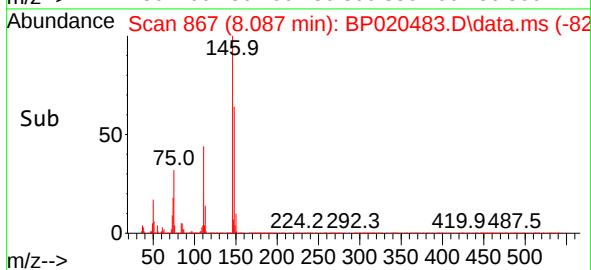
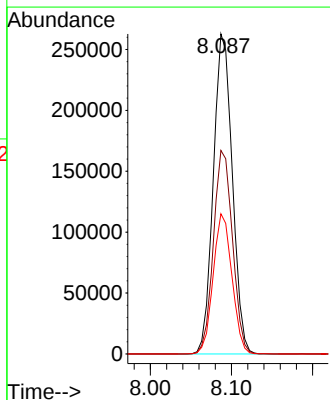
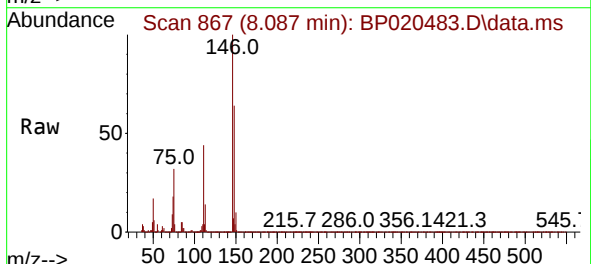
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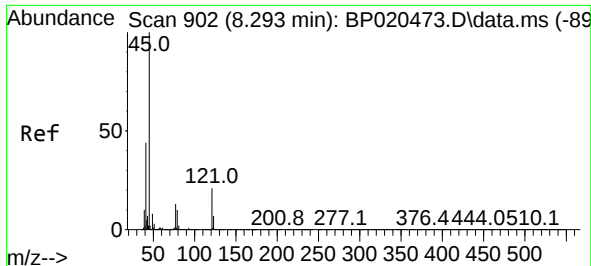
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#14
1,2-Dichlorobenzene
Concen: 23.357 ng
RT: 8.087 min Scan# 867
Delta R.T. -0.029 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

Tgt Ion:146 Resp: 427266
Ion Ratio Lower Upper
146 100
148 63.6 50.1 75.1
111 43.8 34.4 51.6





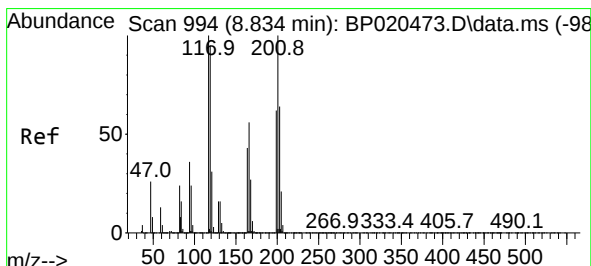
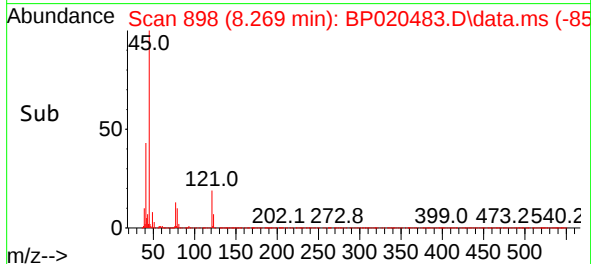
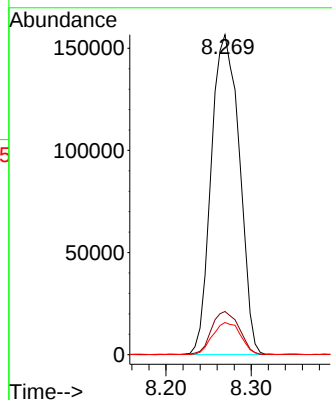
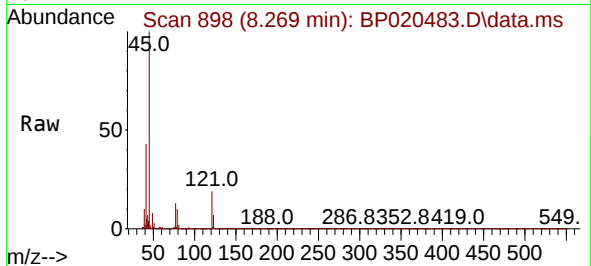
#16
2,2'-oxybis(1-Chloropropane)
Concen: 14.327 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.024 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILD

Tgt Ion: 45 Resp: 35980
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.6
79 10.1 0.0 29.9

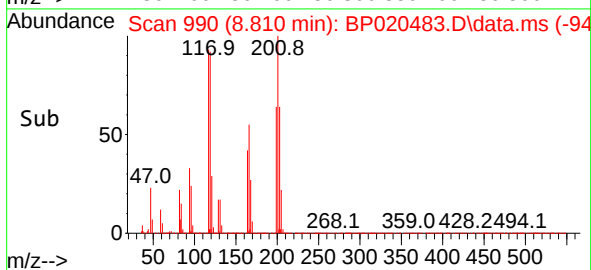
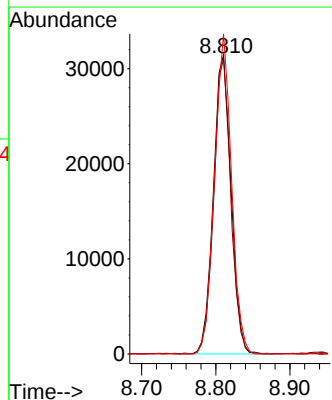
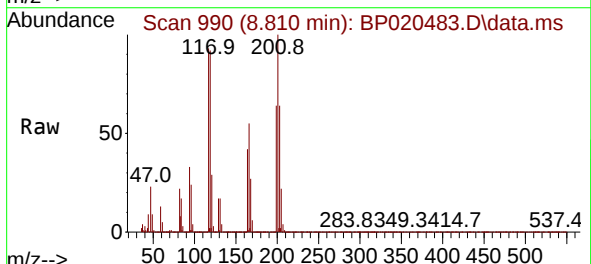
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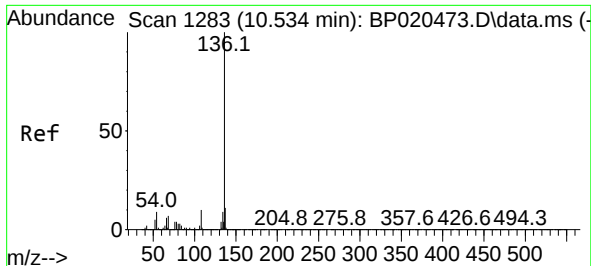
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#18
Hexachloroethane
Concen: 7.497 ng
RT: 8.810 min Scan# 990
Delta R.T. -0.024 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

Tgt Ion:117 Resp: 51889
Ion Ratio Lower Upper
117 100
119 98.7 76.3 114.5
201 107.0 79.9 119.9





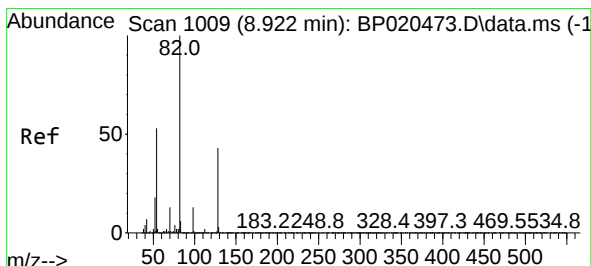
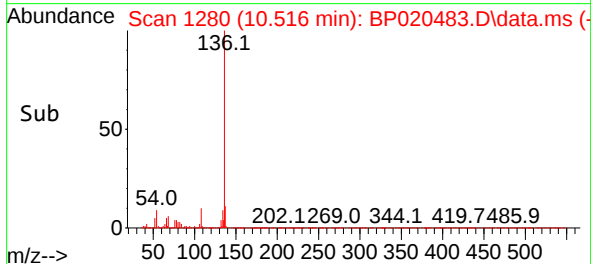
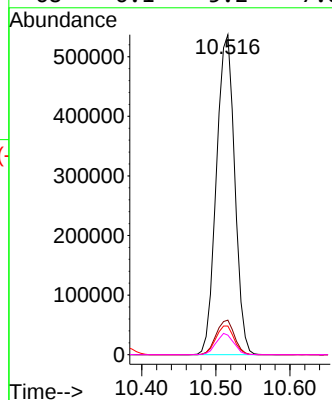
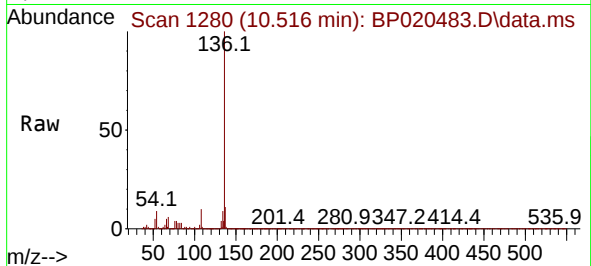
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Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1003
Delta R.T. -0.018 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

Instrument :
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Tgt Ion:136 Resp: 92036
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.0 7.4 11.0
68 6.1 5.2 7.8

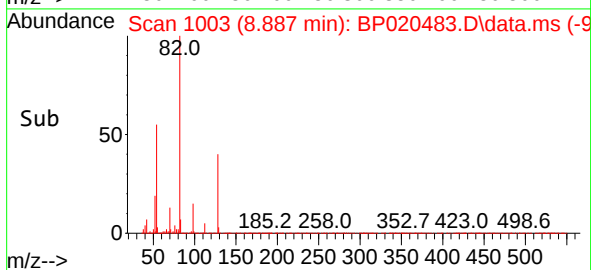
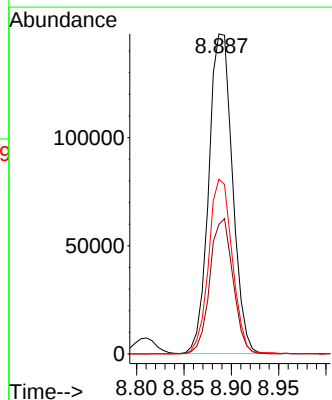
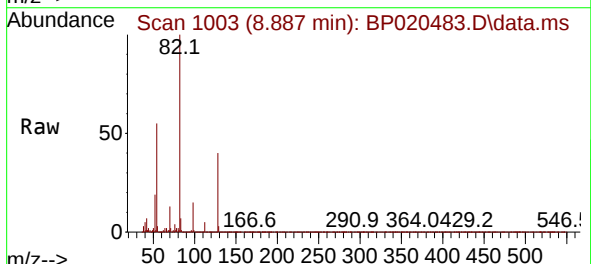
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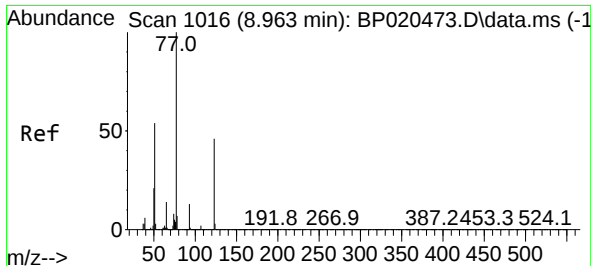
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#23
Nitrobenzene-d5
Concen: 15.282 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.035 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

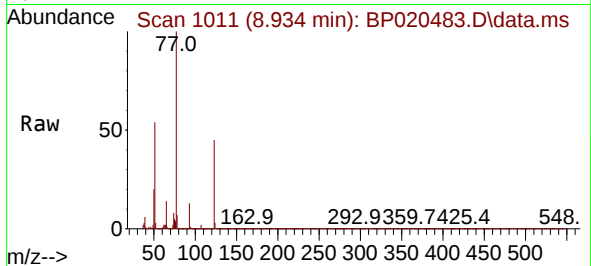
Tgt Ion: 82 Resp: 256947
Ion Ratio Lower Upper
82 100
128 40.5 34.2 51.4
54 54.6 42.7 64.1





#24
Nitrobenzene
Concen: 54.035 ng
RT: 8.934 min Scan# 1098
Delta R.T. -0.029 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

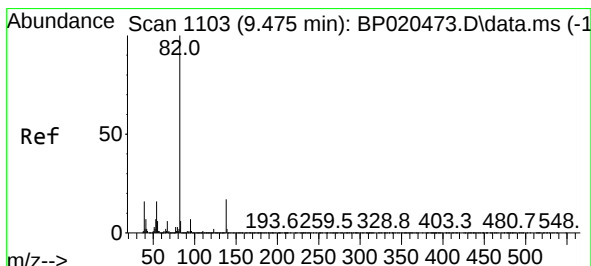
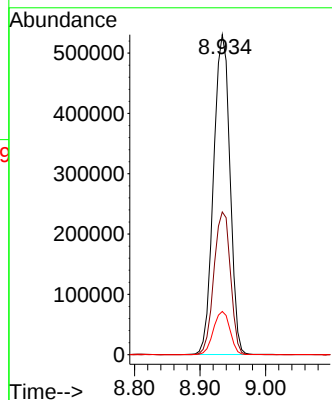
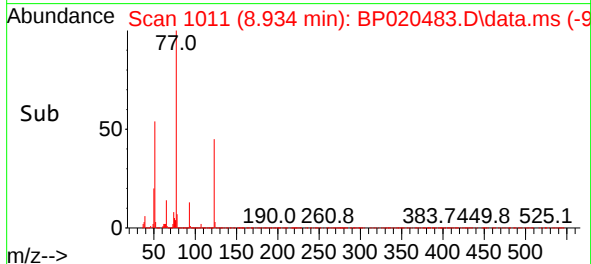
Instrument :
BNA_P
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PT-BNA-SOILDL



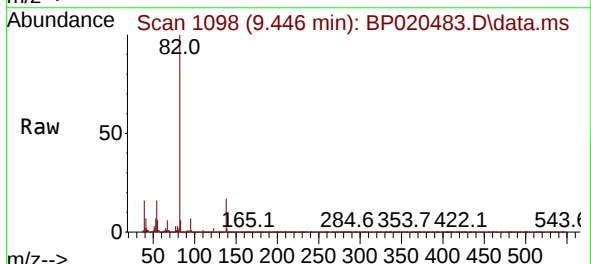
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Ion Ratio Lower Upper
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65 13.5 11.1 16.7

Manual Integrations
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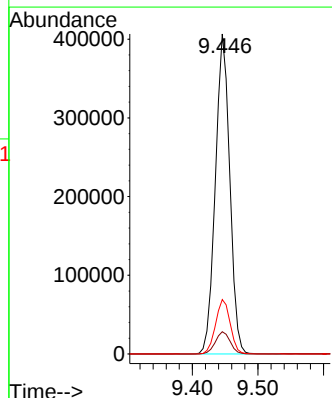
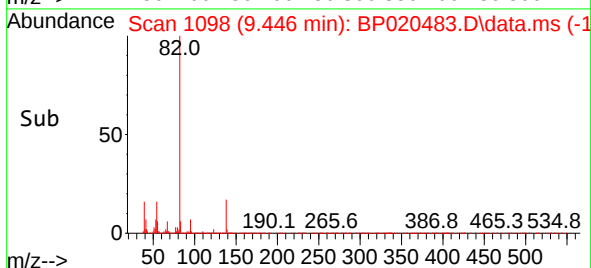
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

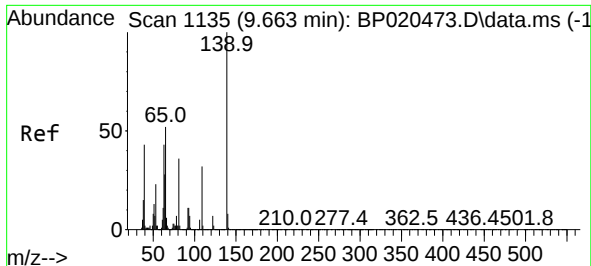


#25
Isophorone
Concen: 18.950 ng
RT: 9.446 min Scan# 1098
Delta R.T. -0.029 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25



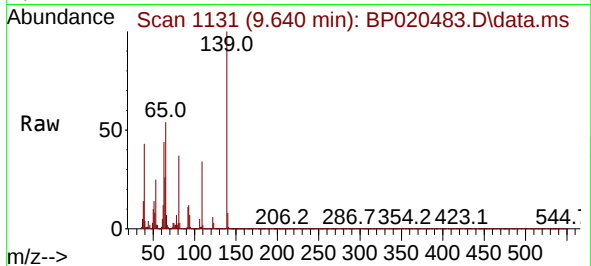
Tgt Ion: 82 Resp: 619057
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 17.0 13.8 20.6





#26
2-Nitrophenol
Concen: 24.916 ng
RT: 9.640 min Scan# 1135
Delta R.T. -0.023 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

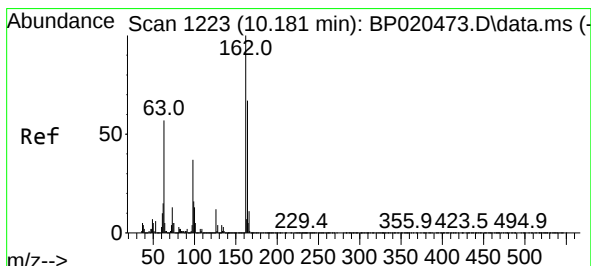
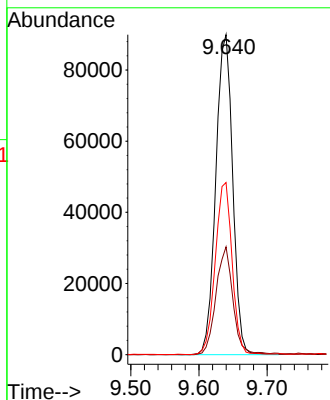
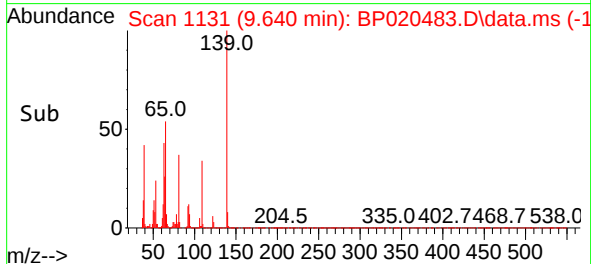
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL



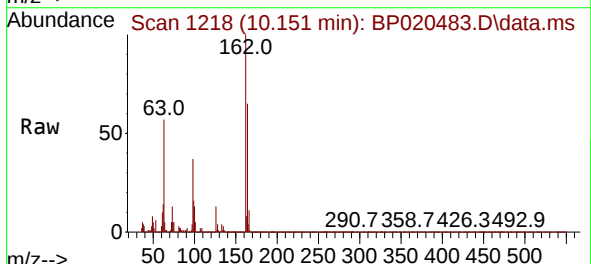
Tgt Ion:139 Resp: 154819
Ion Ratio Lower Upper
139 100
109 33.7 25.8 38.8
65 53.8 41.8 62.8

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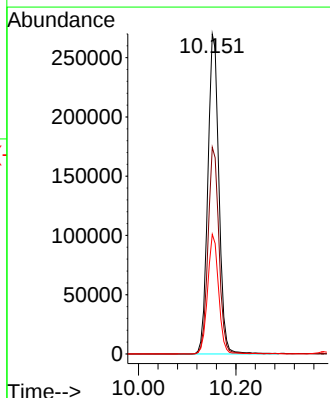
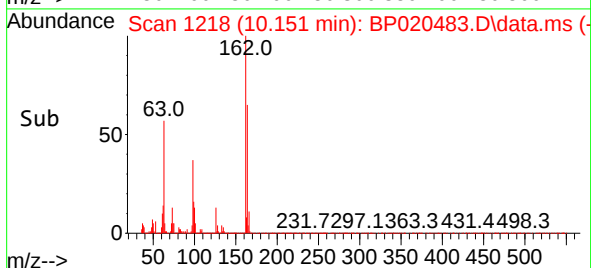
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

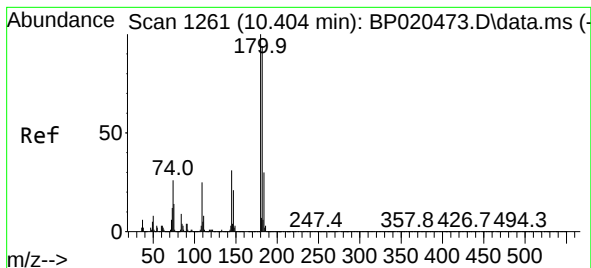


#29
2,4-Dichlorophenol
Concen: 31.966 ng
RT: 10.151 min Scan# 1218
Delta R.T. -0.029 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25



Tgt Ion:162 Resp: 423237
Ion Ratio Lower Upper
162 100
164 64.6 46.5 86.5
98 37.4 17.4 57.4





#30

1,2,4-Trichlorobenzene

Concen: 51.122 ng

RT: 10.381 min Scan# 1257

Delta R.T. -0.024 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

Instrument :

BNA_P

ClientSampleId :

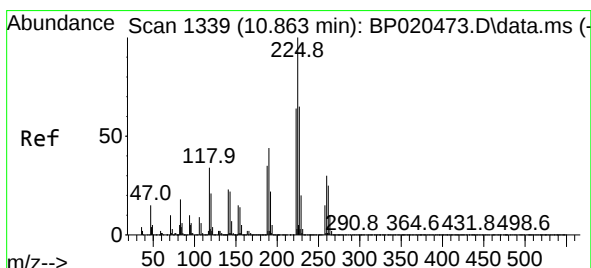
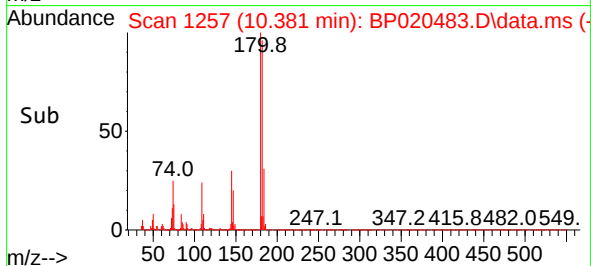
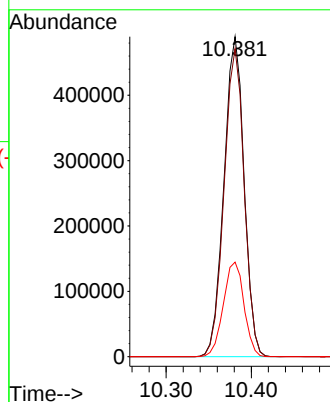
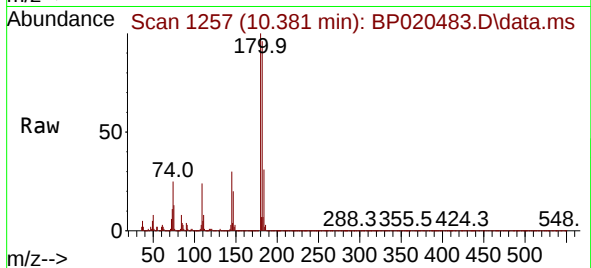
PT-BNA-SOILDL

Tgt Ion:180 Resp: 803554
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.2 112.8
 145 29.5 24.9 37.3

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Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024



#34

Hexachlorobutadiene

Concen: 23.370 ng

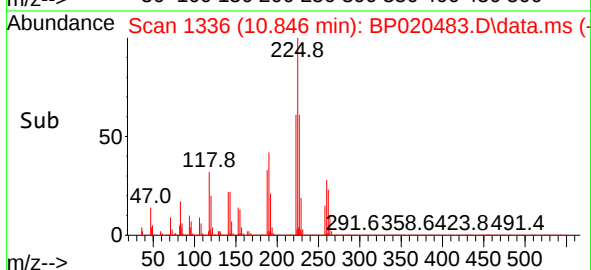
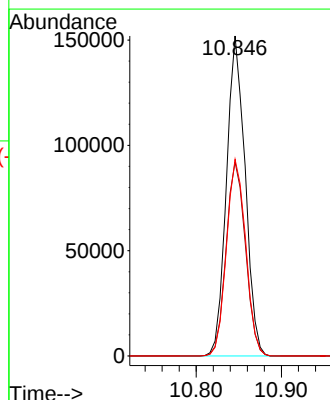
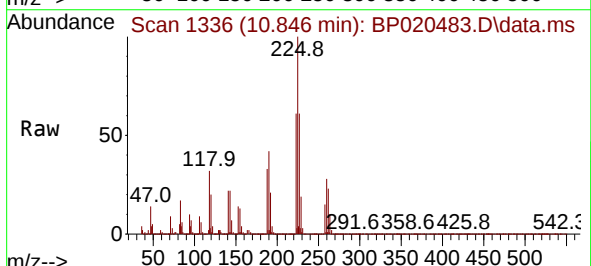
RT: 10.846 min Scan# 1336

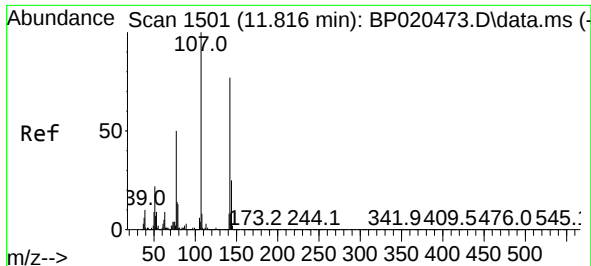
Delta R.T. -0.018 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

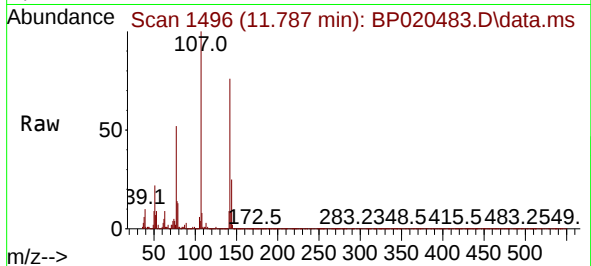
Tgt Ion:225 Resp: 231396
 Ion Ratio Lower Upper
 225 100
 223 60.6 51.3 76.9
 227 61.5 51.6 77.4





#36
4-Chloro-3-methylphenol
Concen: 36.408 ng
RT: 11.787 min Scan# 1496
Delta R.T. -0.029 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

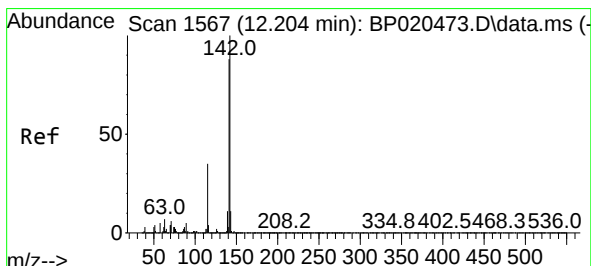
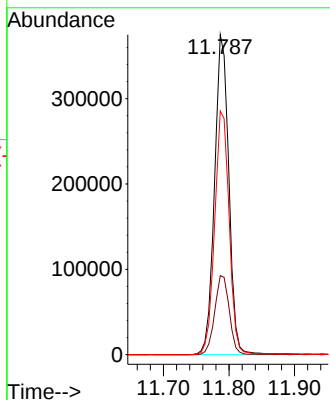
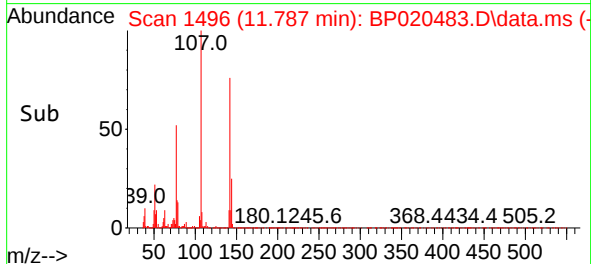
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILD



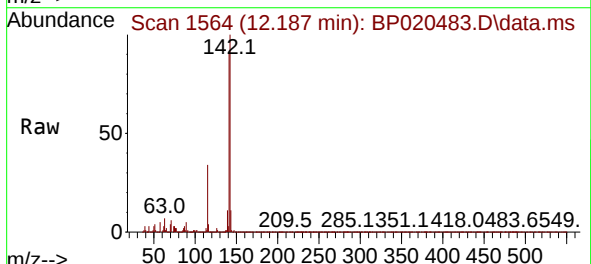
Tgt Ion:107 Resp: 56440
Ion Ratio Lower Upper
107 100
144 24.7 20.0 30.0
142 76.2 61.4 92.2

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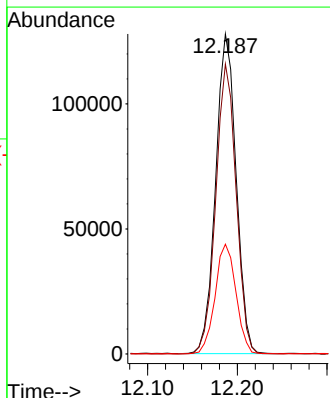
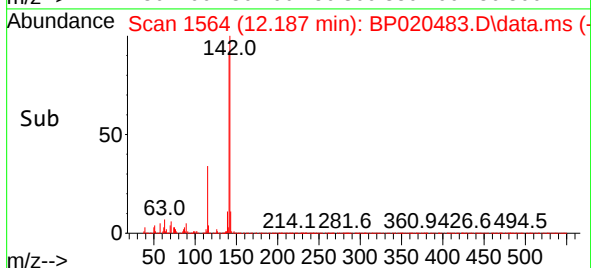
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

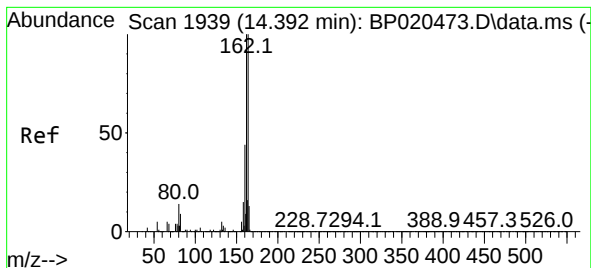


#37
2-Methylnaphthalene
Concen: 6.022 ng
RT: 12.187 min Scan# 1564
Delta R.T. -0.018 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25



Tgt Ion:142 Resp: 203041
Ion Ratio Lower Upper
142 100
141 90.6 70.3 105.5
115 34.3 28.0 42.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1936

Delta R.T. -0.017 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOILDL

Tgt Ion:164 Resp: 532738

Ion Ratio Lower Upper

164 100

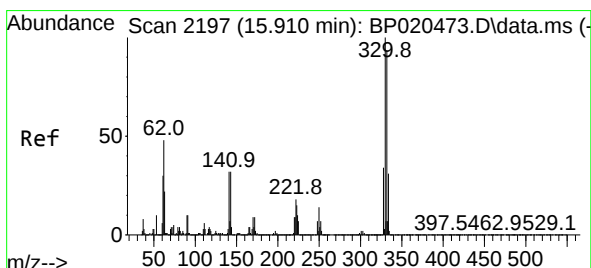
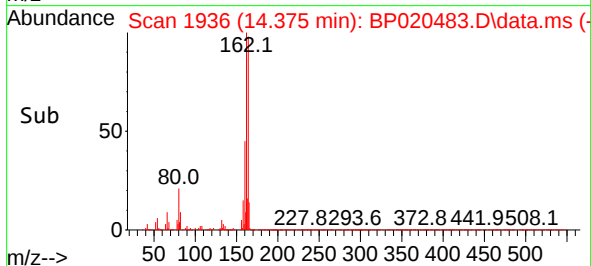
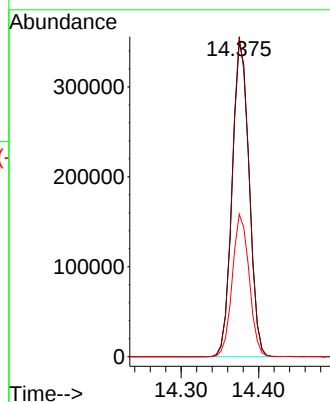
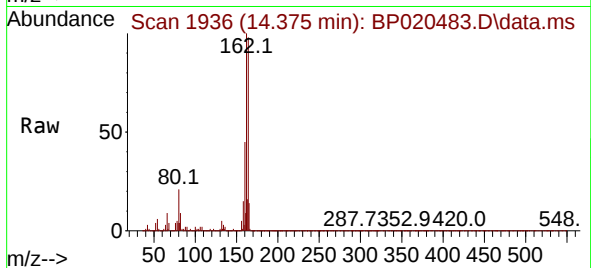
162 101.7 80.3 120.5

160 45.4 35.4 53.2

Manual Integrations

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Supervised By :mohammad ahmed 06/01/2024



#42

2,4,6-Tribromophenol

Concen: 20.050 ng

RT: 15.892 min Scan# 2194

Delta R.T. -0.018 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

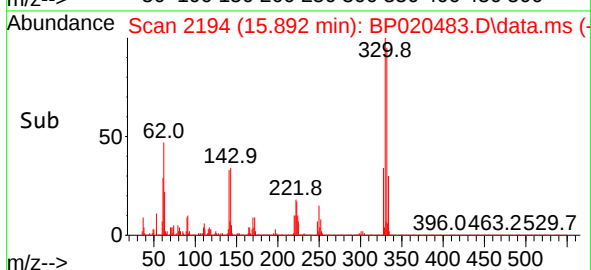
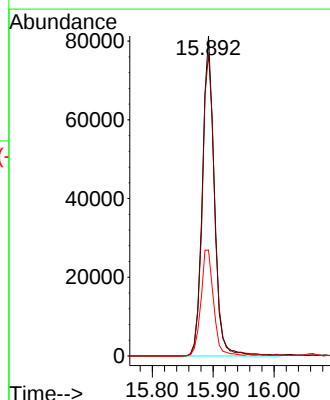
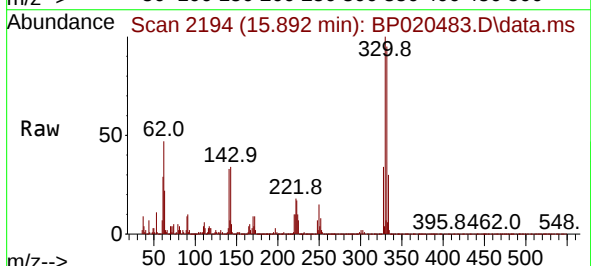
Tgt Ion:330 Resp: 110850

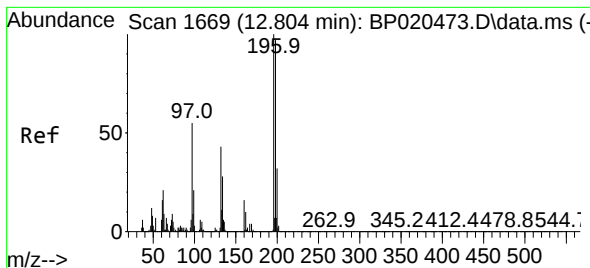
Ion Ratio Lower Upper

330 100

332 98.0 76.6 114.8

141 35.2 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 25.343 ng

RT: 12.787 min Scan# 1666

Delta R.T. -0.018 min

Lab File: BP020483.D

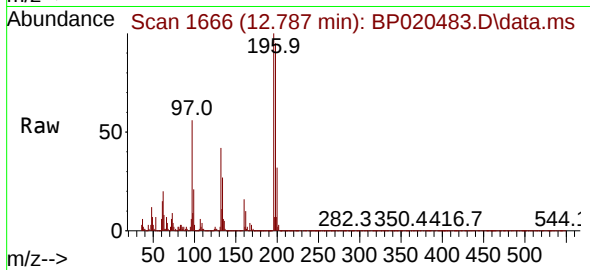
Acq: 30 May 2024 12:25

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOILDL



Tgt Ion:196 Resp: 236124

Ion Ratio Lower Upper

196 100

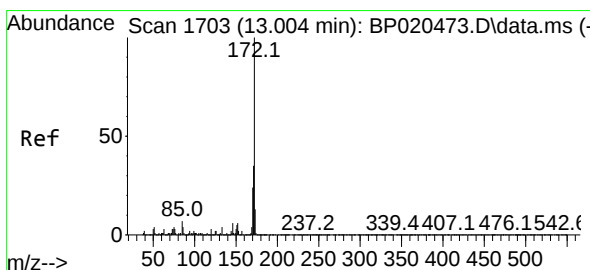
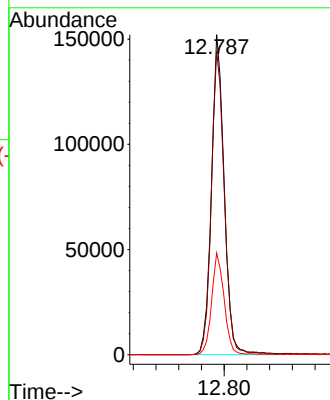
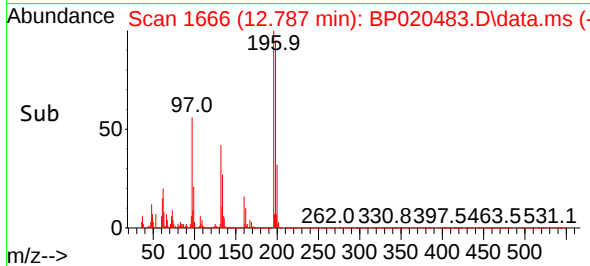
198 94.7 77.9 116.9

200 31.8 25.5 38.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#45

2-Fluorobiphenyl

Concen: 17.133 ng

RT: 12.981 min Scan# 1699

Delta R.T. -0.024 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

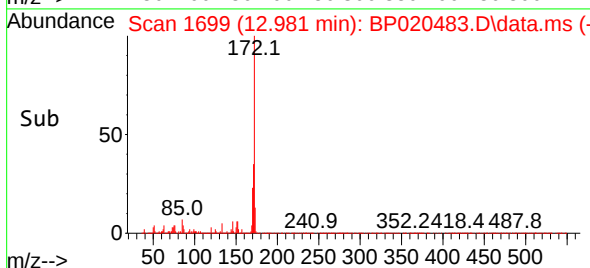
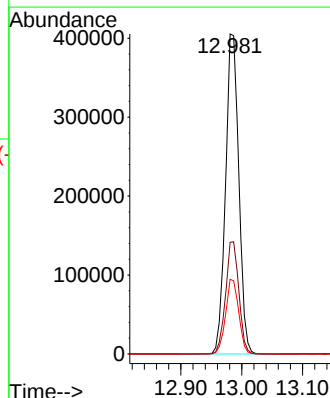
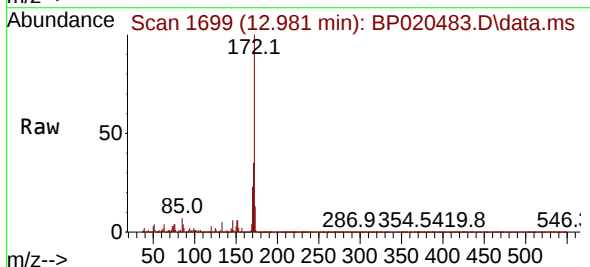
Tgt Ion:172 Resp: 612268

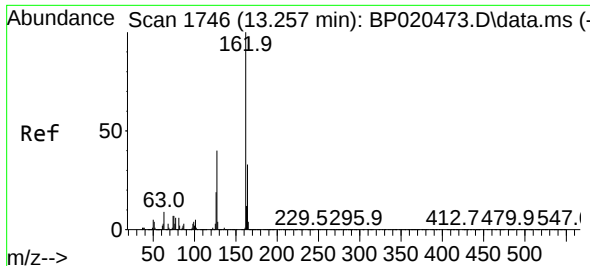
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

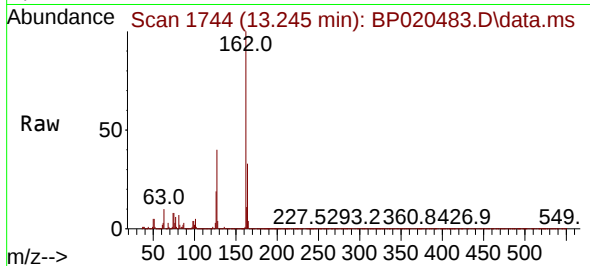
170 23.4 18.9 28.3





#47
2-Chloronaphthalene
Concen: 24.270 ng
RT: 13.245 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

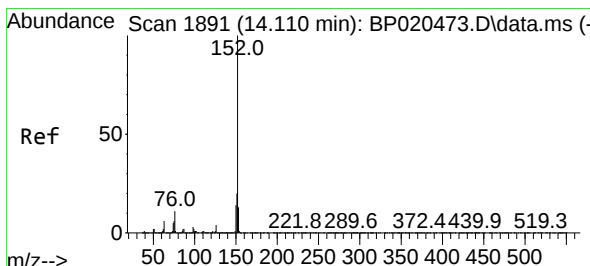
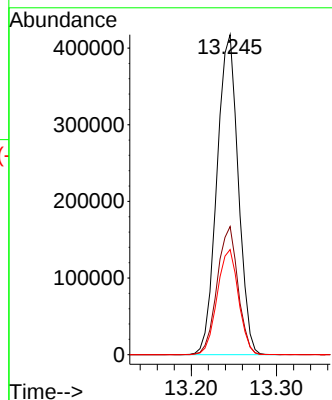
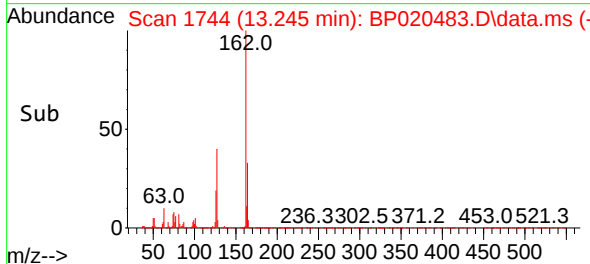
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL



Tgt Ion:162 Resp: 725388
Ion Ratio Lower Upper
162 100
127 40.0 32.2 48.2
164 32.8 26.1 39.1

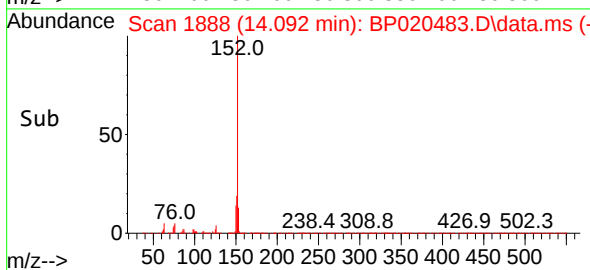
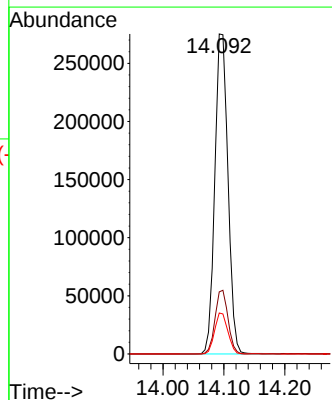
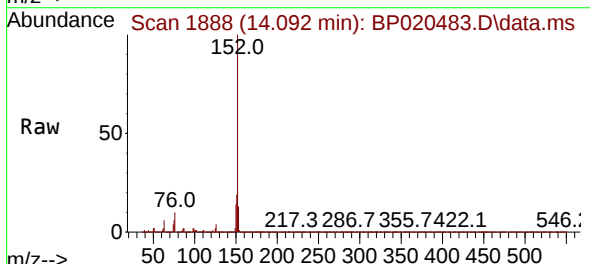
Manual Integrations
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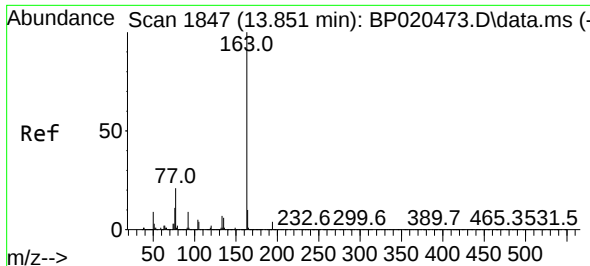
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#49
Acenaphthylene
Concen: 9.302 ng
RT: 14.092 min Scan# 1888
Delta R.T. -0.018 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

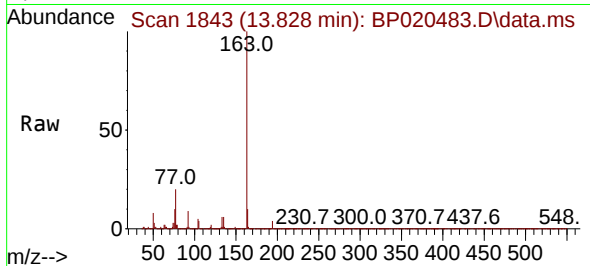
Tgt Ion:152 Resp: 412546
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 12.8 10.6 15.8





#50
Dimethylphthalate
Concen: 31.251 ng
RT: 13.828 min Scan# 1843
Delta R.T. -0.024 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

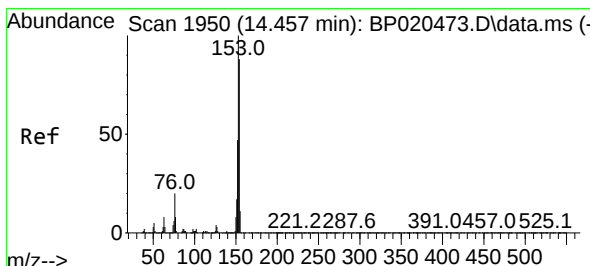
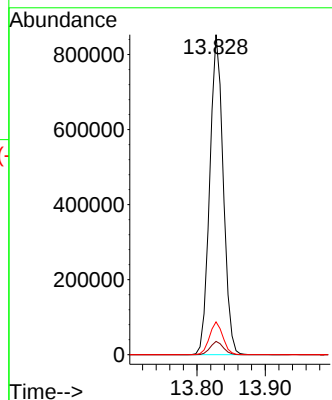
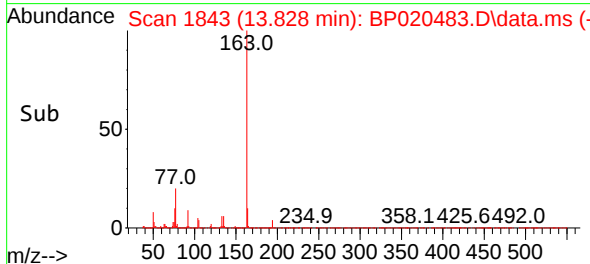
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL



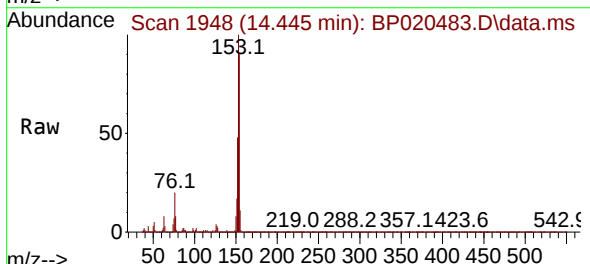
Tgt Ion:163 Resp: 117353
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.3 12.5

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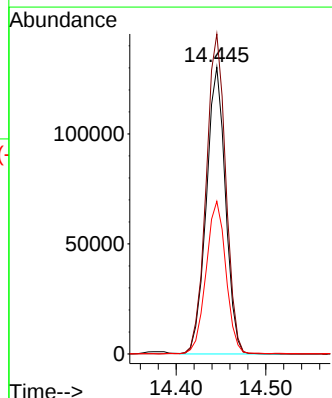
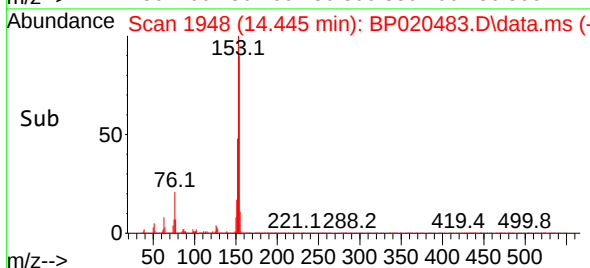
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

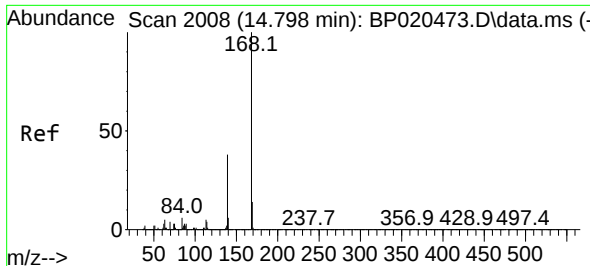


#52
Acenaphthene
Concen: 6.909 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25



Tgt Ion:154 Resp: 193294
Ion Ratio Lower Upper
154 100
153 111.6 90.6 136.0
152 53.2 42.6 63.8





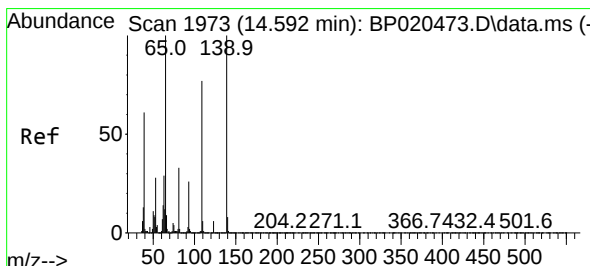
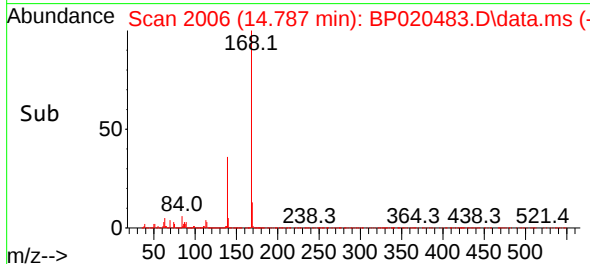
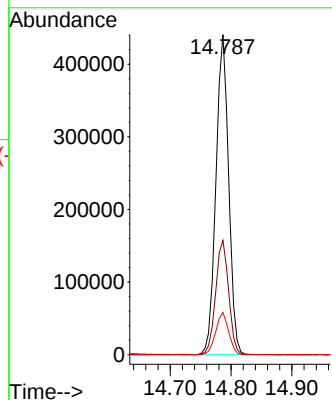
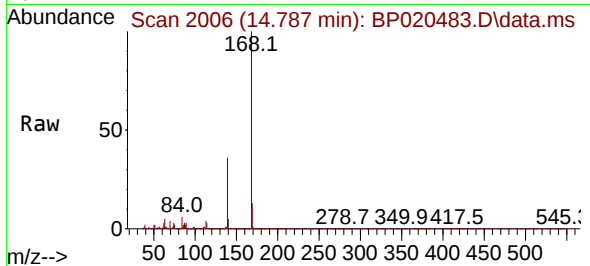
#55
Dibenzenofuran
Concen: 14.374 ng
RT: 14.787 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:168 Resp: 63699
Ion Ratio Lower Upper
168 100
139 35.7 30.4 45.6
169 13.2 11.0 16.4

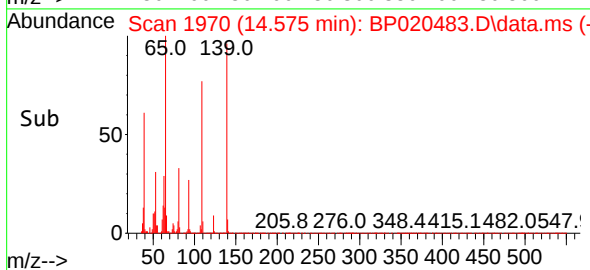
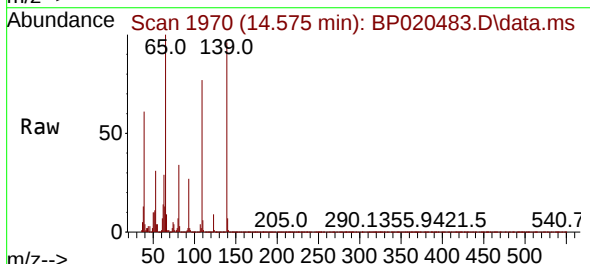
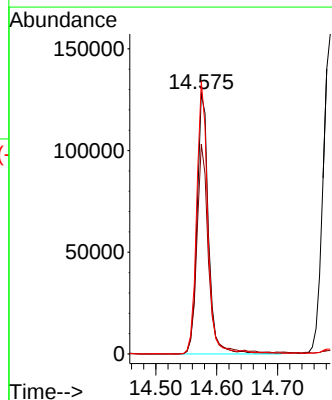
Manual Integrations
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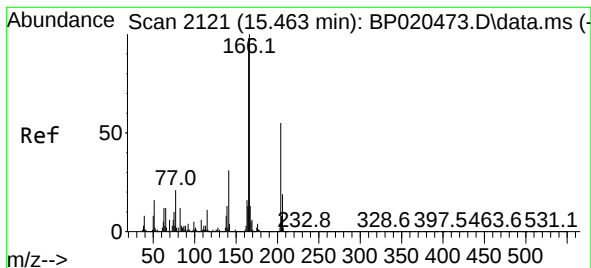
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#56
4-Nitrophenol
Concen: 26.747 ng
RT: 14.575 min Scan# 1970
Delta R.T. -0.018 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

Tgt Ion:139 Resp: 166580
Ion Ratio Lower Upper
139 100
109 80.6 57.4 97.4
65 104.7 80.4 120.4





#58

Fluorene

Concen: 34.416 ng

RT: 15.445 min Scan# 2121

Delta R.T. -0.018 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOILDL

Tgt Ion:166 Resp: 1224404

Ion Ratio Lower Upper

166 100

165 99.9 78.2 117.4

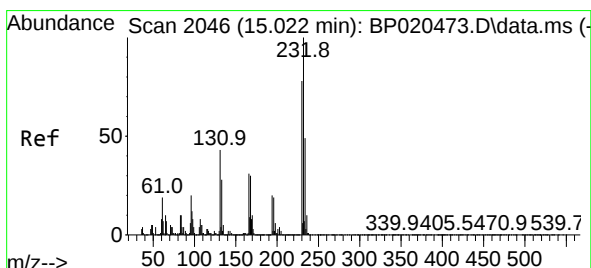
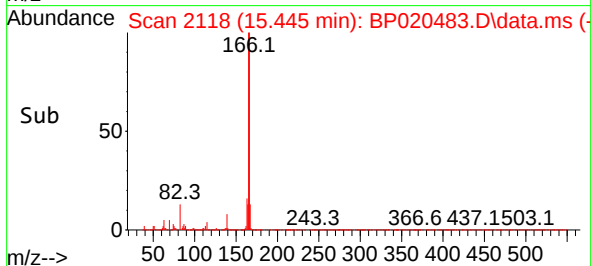
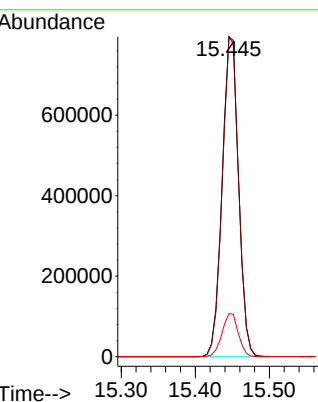
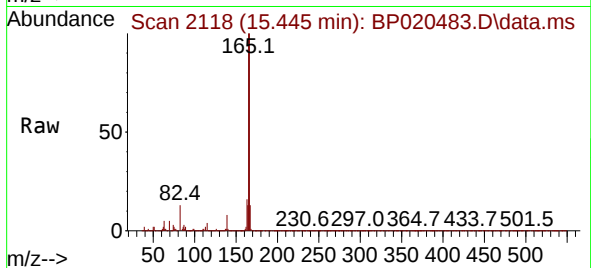
167 13.4 10.7 16.1

Manual Integrations

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Supervised By :mohammad ahmed 06/01/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 6.359 ng

RT: 15.004 min Scan# 2043

Delta R.T. -0.018 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

Tgt Ion:232 Resp: 55934

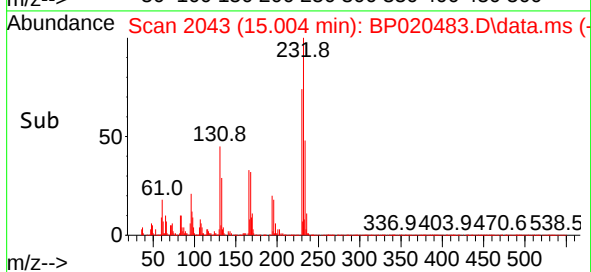
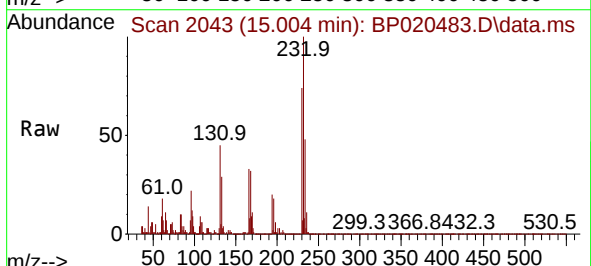
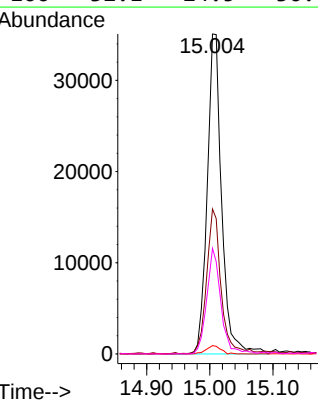
Ion Ratio Lower Upper

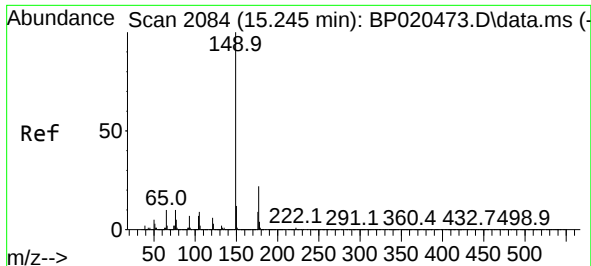
232 100

131 44.5 34.8 52.2

130 2.7 1.9 2.9

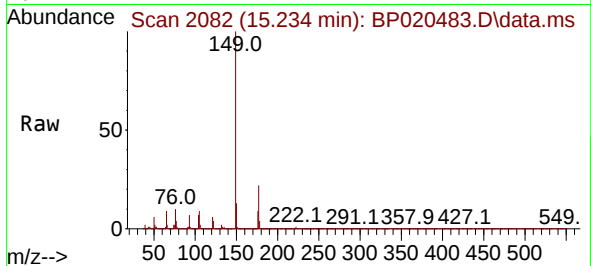
166 32.1 24.5 36.7





#60
Diethylphthalate
Concen: 36.141 ng
RT: 15.234 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

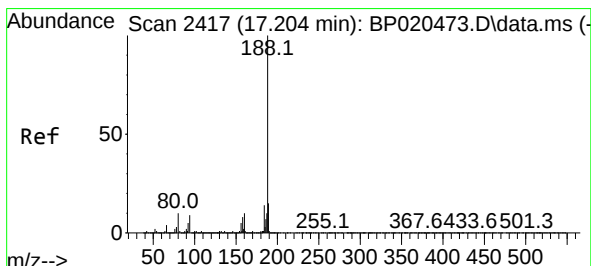
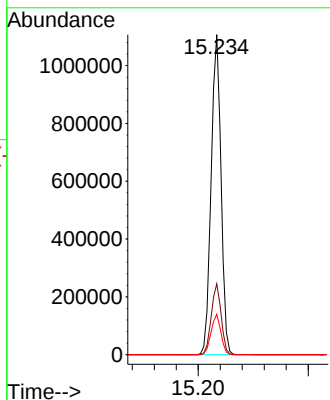
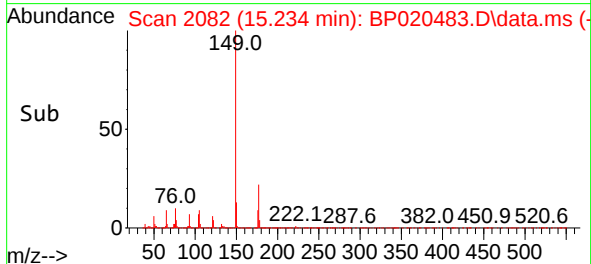
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL



Tgt Ion:149 Resp: 137960
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.6 9.8 14.8

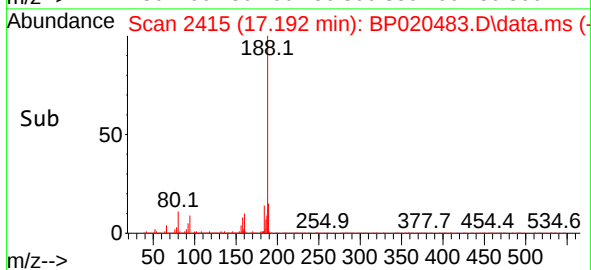
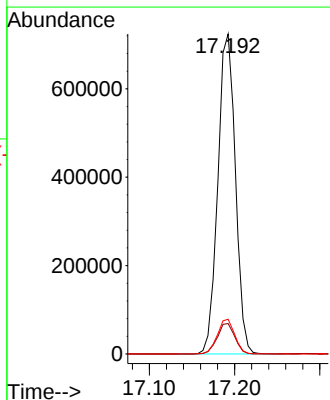
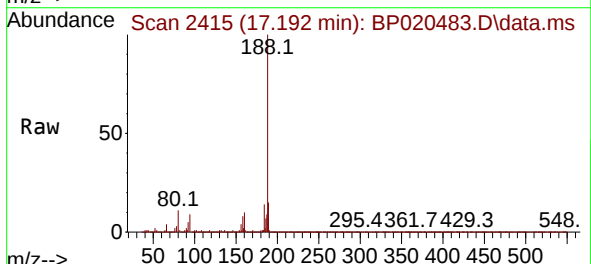
Manual Integrations
APPROVED

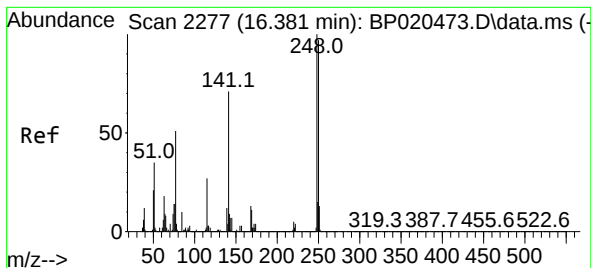
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

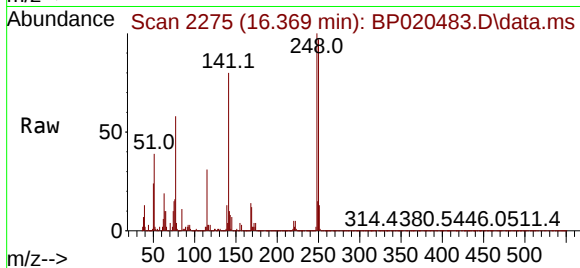
Tgt Ion:188 Resp: 1037613
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.8 8.1 12.1





#67
4-Bromophenyl-phenylether
Concen: 24.699 ng
RT: 16.369 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

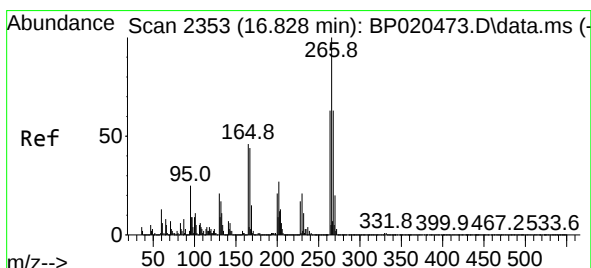
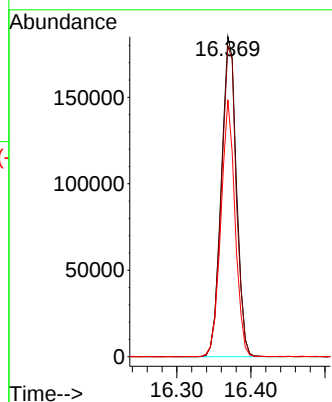
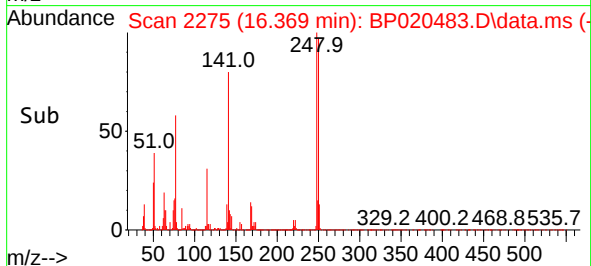
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILD



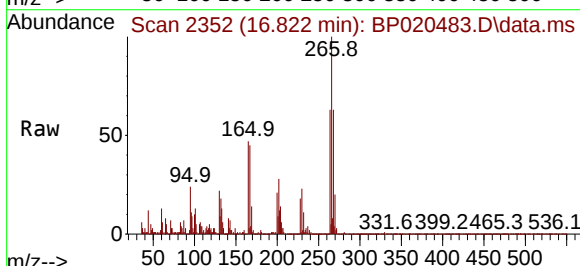
Tgt Ion:248 Resp: 262194
Ion Ratio Lower Upper
248 100
250 97.1 77.4 116.0
141 80.3 56.5 84.7

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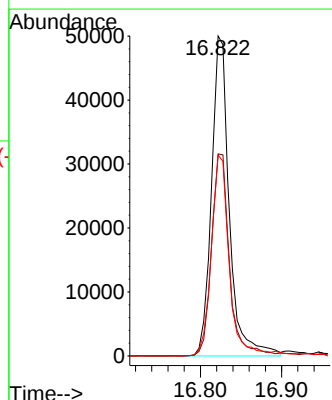
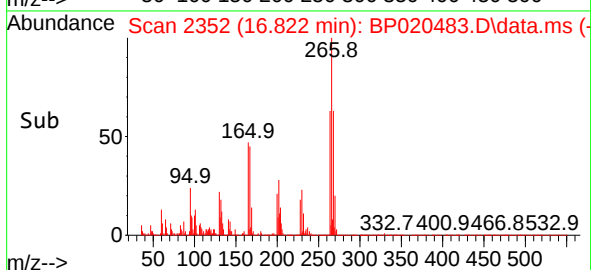
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

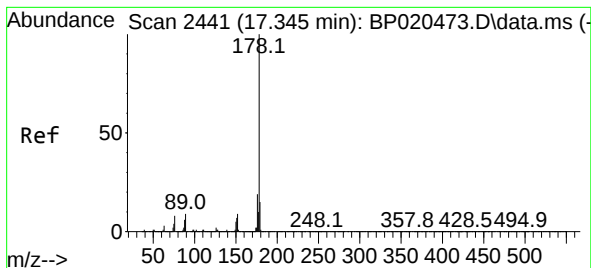


#70
Pentachlorophenol
Concen: 10.032 ng
RT: 16.822 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25



Tgt Ion:266 Resp: 76122
Ion Ratio Lower Upper
266 100
268 63.2 50.1 75.1
264 62.8 50.6 76.0





#72

Anthracene

Concen: 12.932 ng

RT: 17.328 min Scan# 2438

Delta R.T. -0.018 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOILDL

Tgt Ion:178 Resp: 64726

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

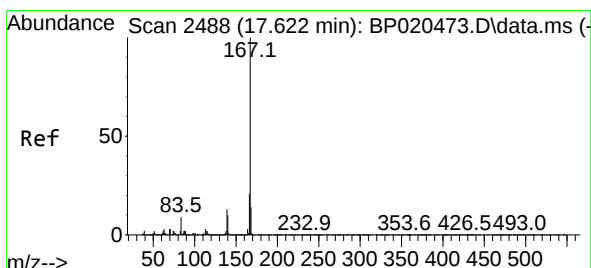
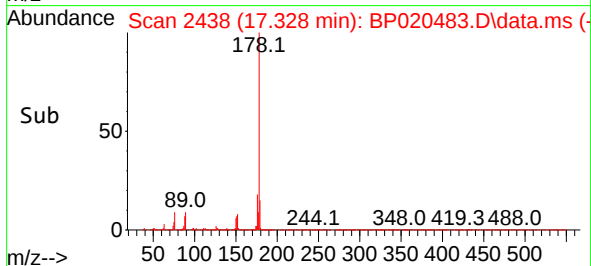
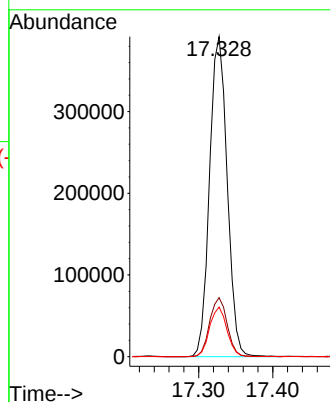
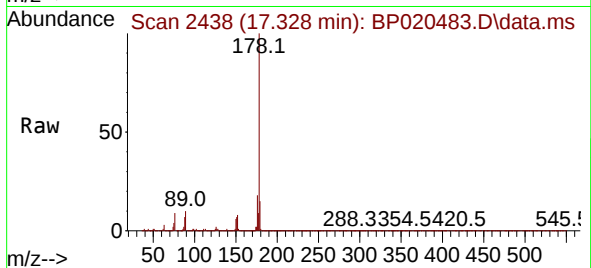
179 15.5 12.2 18.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/30/2024

Supervised By :mohammad ahmed 06/01/2024



#73

Carbazole

Concen: 15.006 ng

RT: 17.610 min Scan# 2486

Delta R.T. -0.012 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

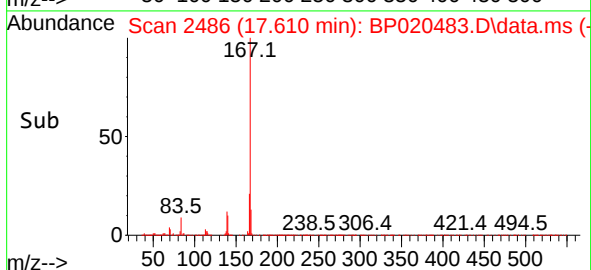
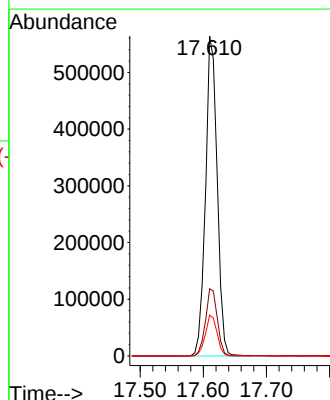
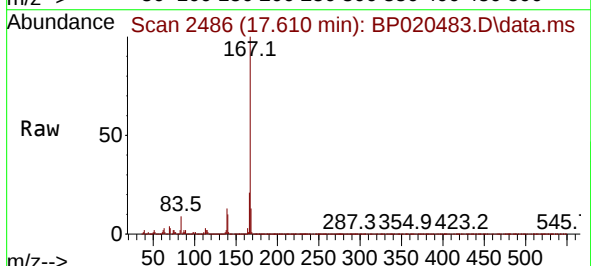
Tgt Ion:167 Resp: 726494

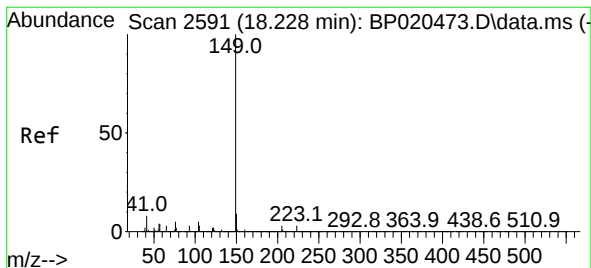
Ion Ratio Lower Upper

167 100

166 21.0 17.1 25.7

139 12.7 10.5 15.7





#74

Di-n-butylphthalate

Concen: 22.961 ng

RT: 18.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOILDL

Tgt Ion:149 Resp: 134615

Ion Ratio Lower Upper

149 100

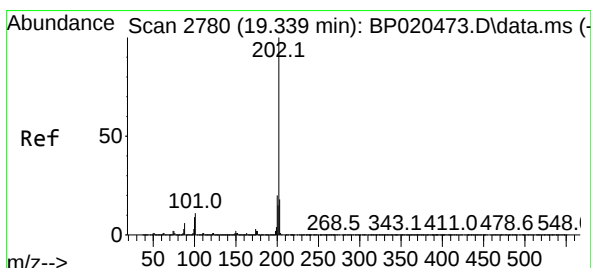
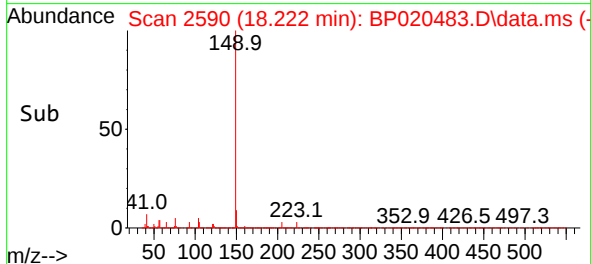
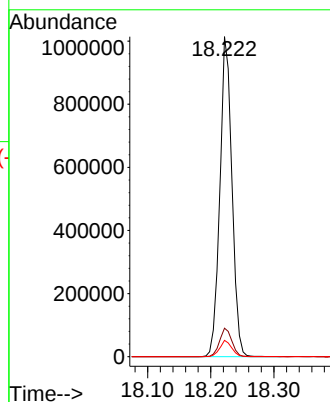
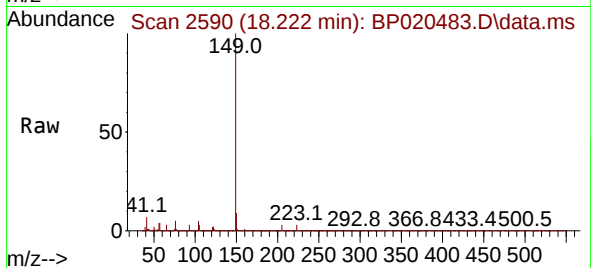
150 8.9 7.4 11.2

104 5.1 4.2 6.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#75

Fluoranthene

Concen: 9.605 ng

RT: 19.333 min Scan# 2779

Delta R.T. -0.006 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

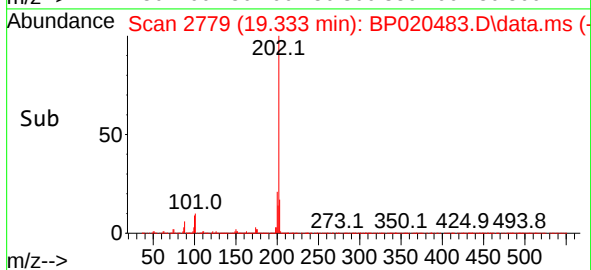
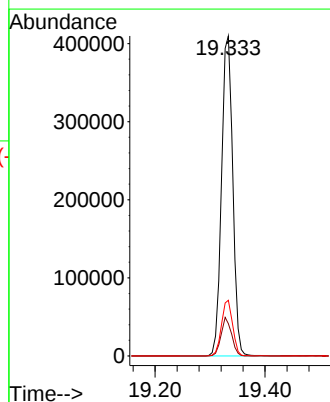
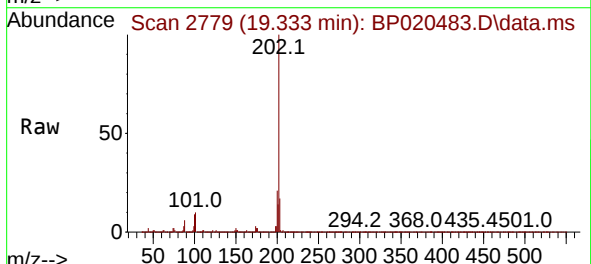
Tgt Ion:202 Resp: 579585

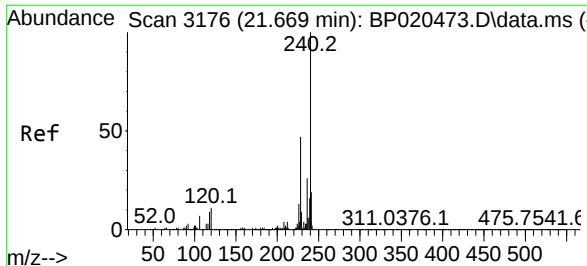
Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.4

203 17.4 0.0 37.7





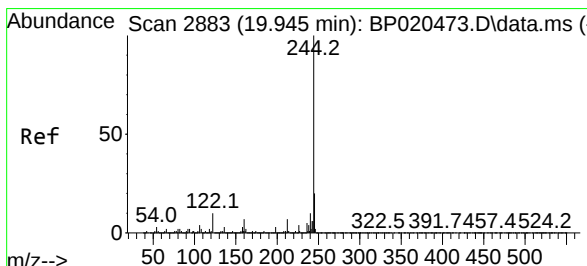
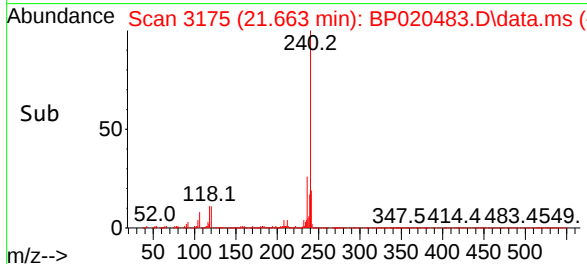
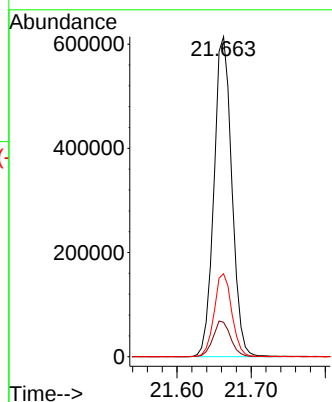
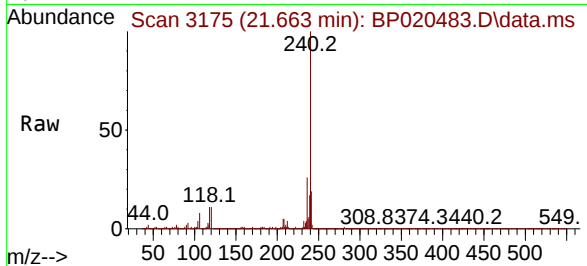
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.663 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:240 Resp: 102679
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 25.9 20.5 30.7

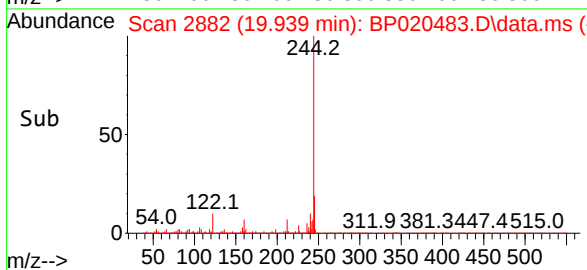
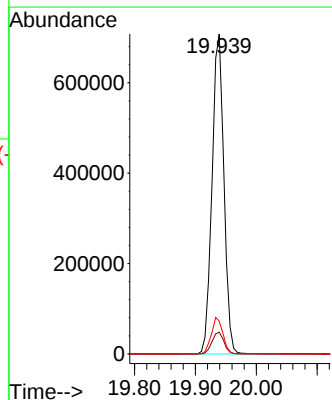
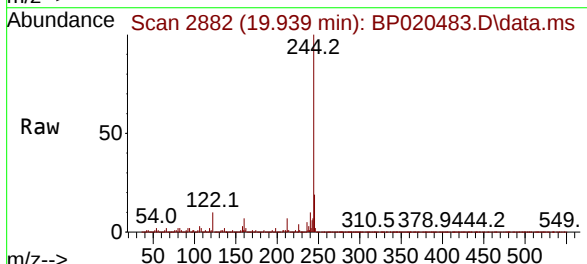
Manual Integrations
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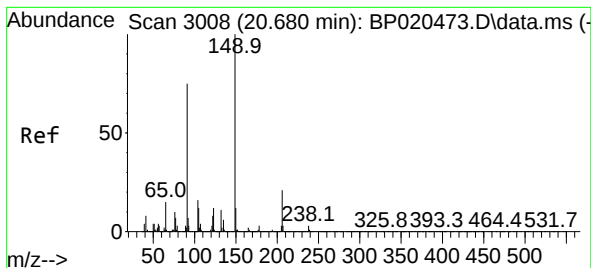
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#79
Terphenyl-d14
Concen: 15.548 ng
RT: 19.939 min Scan# 2882
Delta R.T. -0.006 min
Lab File: BP020483.D
Acq: 30 May 2024 12:25

Tgt Ion:244 Resp: 958981
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 10.2 8.2 12.2





#80

Butylbenzylphthalate

Concen: 28.305 ng

RT: 20.692 min Scan# 3008

Delta R.T. 0.012 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

Instrument :

BNA_P

ClientSampleId :

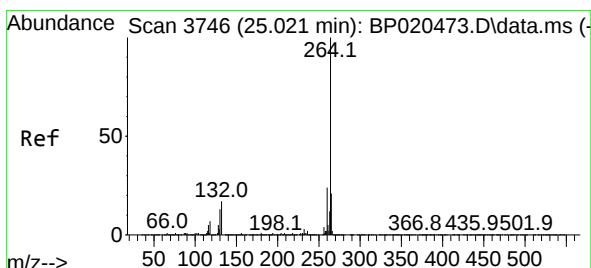
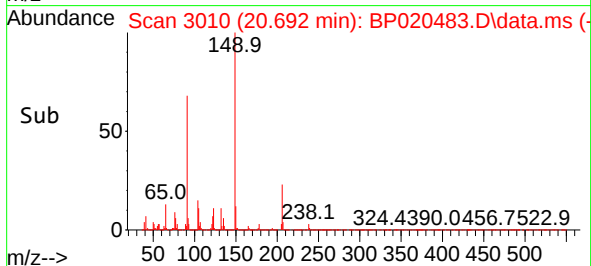
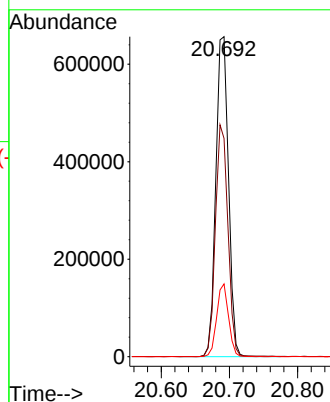
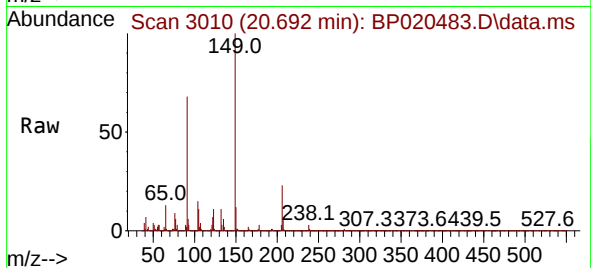
PT-BNA-SOILDL

Tgt Ion:	149	Resp:	847690
Ion Ratio	Lower	Upper	
149	100		
91	68.2	60.0	90.0
206	22.8	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#86

Perylene-d12

Concen: 20.000 ng

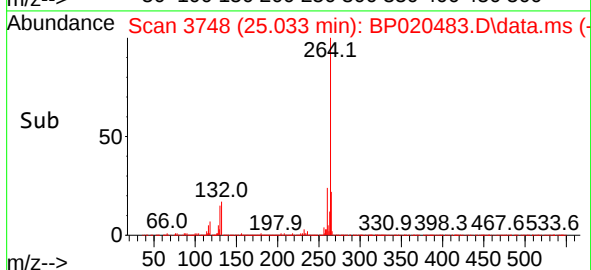
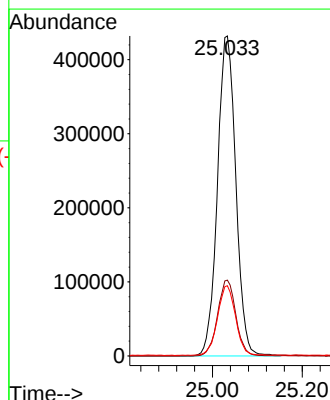
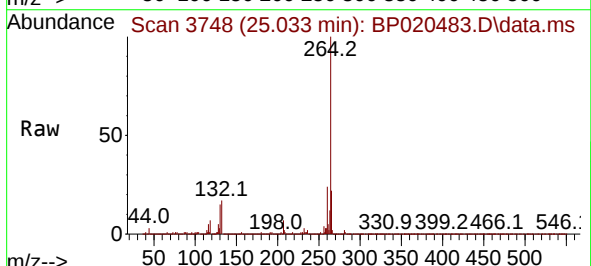
RT: 25.033 min Scan# 3748

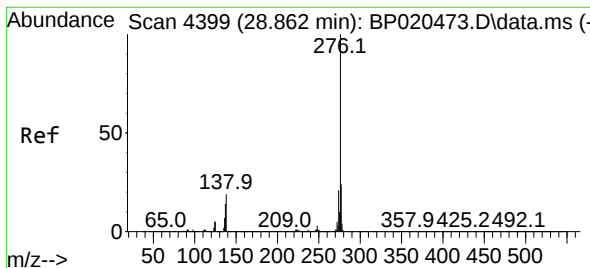
Delta R.T. 0.012 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

Tgt Ion:	264	Resp:	1231273
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.9	28.3
265	21.9	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.837 ng m

RT: 28.839 min Scan# 41

Delta R.T. -0.024 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

Instrument :

BNA_P

ClientSampleId :

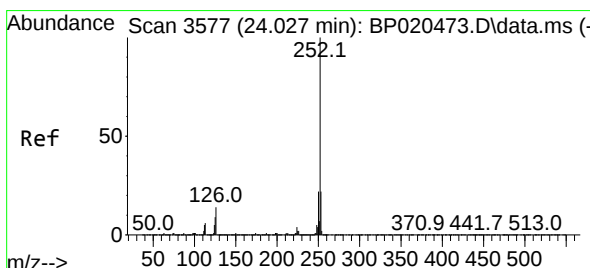
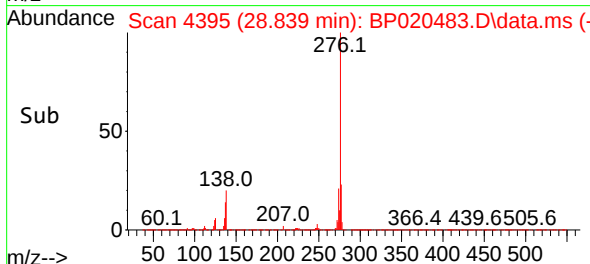
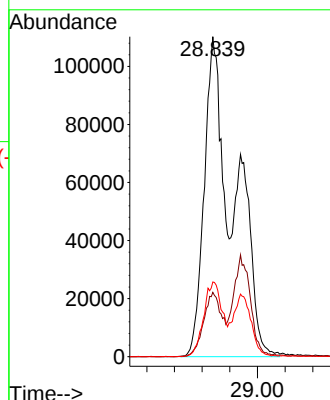
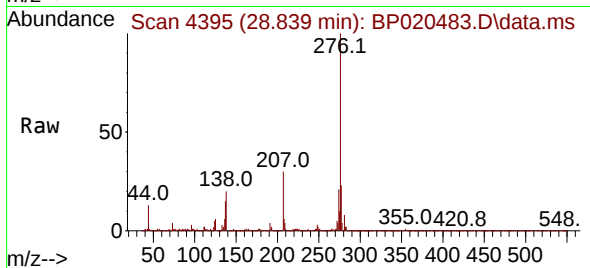
PT-BNA-SOILDL

Tgt Ion:	276	Resp:	811389
Ion Ratio	Lower	Upper	
276	100		
138	12.3	12.8	19.2
277	14.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#89

Benzo(k)fluoranthene

Concen: 13.281 ng

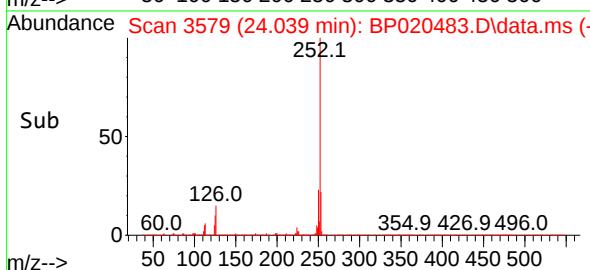
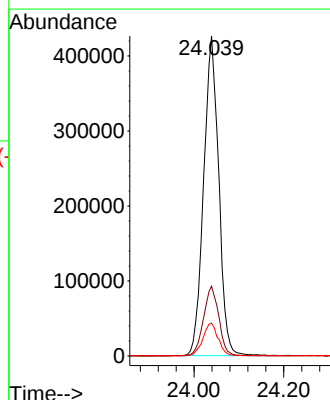
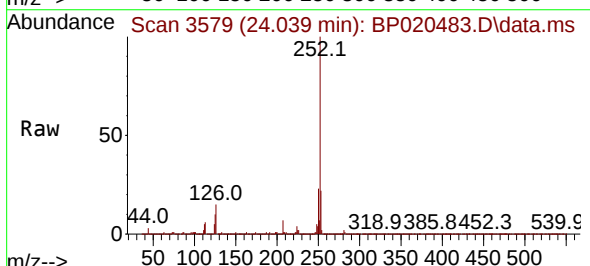
RT: 24.039 min Scan# 3579

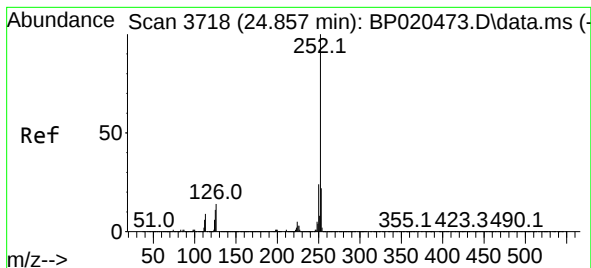
Delta R.T. 0.012 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

Tgt Ion:	252	Resp:	993574
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.7	26.5
125	10.3	7.8	11.6





#90

Benzo(a)pyrene

Concen: 7.637 ng

RT: 24.868 min Scan# 3718

Delta R.T. 0.012 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

Instrument :

BNA_P

ClientSampleId :

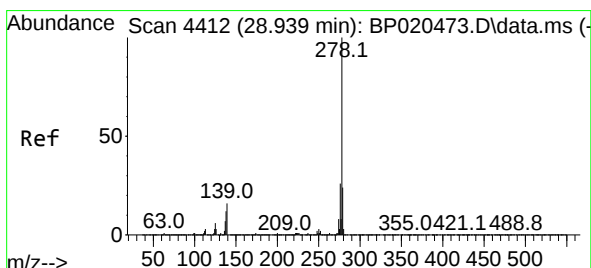
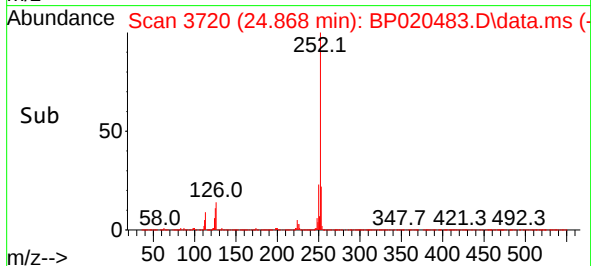
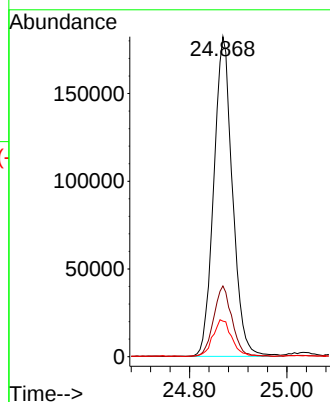
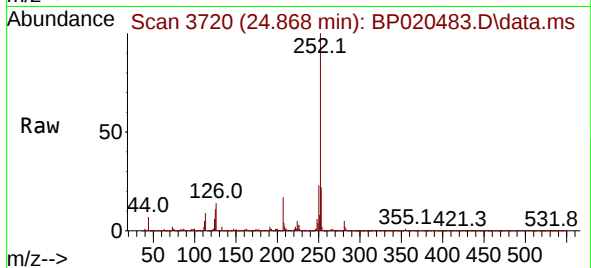
PT-BNA-SOILDL

Tgt Ion:	252	Resp:	48515
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	11.1	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#91

Dibenzo(a,h)anthracene

Concen: 20.319 ng

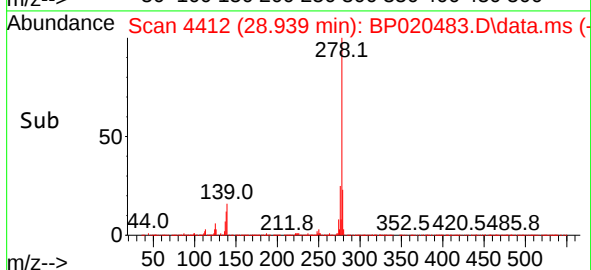
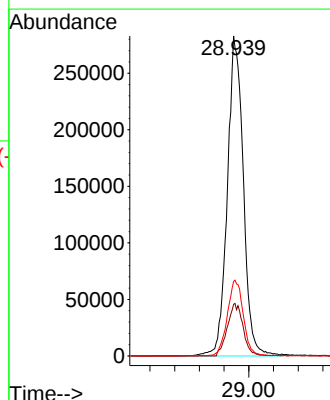
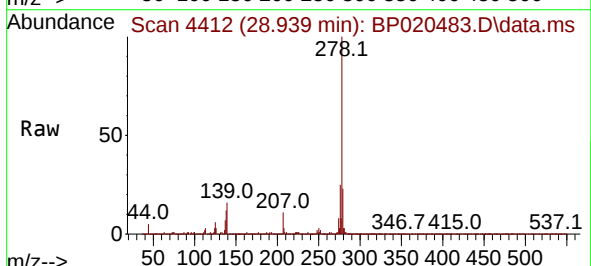
RT: 28.939 min Scan# 4412

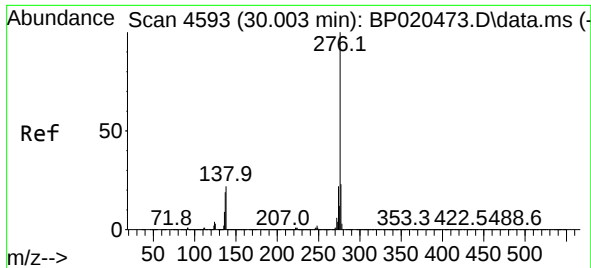
Delta R.T. -0.000 min

Lab File: BP020483.D

Acq: 30 May 2024 12:25

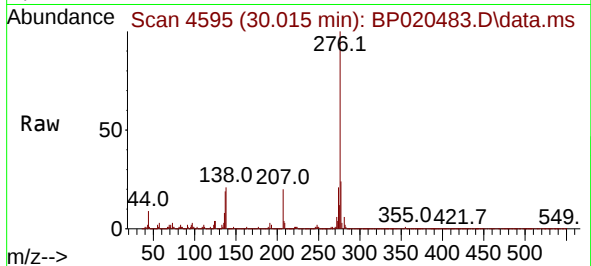
Tgt Ion:	278	Resp:	1268917
Ion Ratio	Lower	Upper	
278	100		
139	16.2	13.0	19.4
279	23.3	19.2	28.8





#92
 Benzo(g,h,i)perylene
 Concen: 13.273 ng
 RT: 30.015 min Scan# 4595
 Delta R.T. 0.012 min
 Lab File: BP020483.D
 Acq: 30 May 2024 12:25

Instrument :
 BNA_P
 ClientSampleId :
 PT-BNA-SOILD



Tgt Ion:	276	Resp:	82855
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.7	28.1
138	21.2	17.7	26.5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

