

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
 Data File : BP020482.D
 Acq On : 30 May 2024 11:31
 Operator : MA/JU
 Sample : P2252-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PT-BNA-SOIL

Manual Integrations
 APPROVED

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

Quant Time: May 30 11:58:42 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	7.757	152	213593	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	760803	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	426086	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	801210	20.000	ng	0.00
76) Chrysene-d12	21.651	240	779258	20.000	ng	-0.02
86) Perylene-d12	25.009	264	943346	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1358289	113.859	ng	-0.01
7) Phenol-d6	6.916	99	1769404	105.173	ng	-0.02
23) Nitrobenzene-d5	8.899	82	1109342	79.818	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	496369	112.251	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	2408517	84.266	ng	0.00
79) Terphenyl-d14	19.927	244	3518941	75.175	ng	-0.02
Target Compounds						Qvalue
8) 2-Chlorophenol	7.322	128	3081844	230.453	ng	100
13) 1,4-Dichlorobenzene	7.793	146	1343437	83.891	ng	98
14) 1,2-Dichlorobenzene	8.104	146	1712771	110.824	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1494750	70.449	ng	100
18) Hexachloroethane	8.822	117	214297	36.648	ng	98
24) Nitrobenzene	8.951	77	3670731	260.238	ng	99
25) Isophorone	9.469	82	2508674	92.900	ng	100
26) 2-Nitrophenol	9.646	139	752118	127.938	ng	99
29) 2,4-Dichlorophenol	10.175	162	1695278	154.893	ng	98
30) 1,2,4-Trichlorobenzene	10.393	180	3098877	238.497	ng	98
34) Hexachlorobutadiene	10.863	225	926727	113.225	ng	98
36) 4-Chloro-3-methylphenol	11.804	107	2258427	176.240	ng	99
37) 2-Methylnaphthalene	12.193	142	831544	29.837	ng	99
43) 2,4,6-Trichlorophenol	12.792	196	988969	132.713	ng	99
47) 2-Chloronaphthalene	13.251	162	2779609	116.277	ng	99
49) Acenaphthylene	14.104	152	1676078	47.252	ng	100
50) Dimethylphthalate	13.851	163	4427732	147.422	ng	99
52) Acenaphthene	14.451	154	768159	34.331	ng	99
55) Dibenzofuran	14.798	168	2449273	69.102	ng	99
56) 4-Nitrophenol	14.598	139	735757	147.706	ng	98
58) Fluorene	15.457	166	4453377	156.511	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.010	232	257006	36.530	ng	99
60) Diethylphthalate	15.245	149	5061070	165.768	ng	100
67) 4-Bromophenyl-phenylether	16.381	248	1018004	124.195	ng	98
70) Pentachlorophenol	16.828	266	369522	63.069	ng	99
72) Anthracene	17.333	178	2471296	63.945	ng	99
73) Carbazole	17.622	167	2682773	71.765	ng	99
74) Di-n-butylphthalate	18.227	149	5034595	111.211	ng	100
75) Fluoranthene	19.327	202	2173405	46.645	ng	100
80) Butylbenzylphthalate	20.680	149	3281231	134.396	ng	95
87) Indeno(1,2,3-cd)pyrene	28.827	276	3344882m	58.310	ng	
89) Benzo(k)fluoranthene	24.021	252	3875683	67.616	ng	100
90) Benzo(a)pyrene	24.857	252	1967915	40.433	ng	99
91) Dibenzo(a,h)anthracene	28.945	278	5096838	106.524	ng	100
92) Benzo(g,h,i)perylene	30.027	276	3370951	70.485	ng	99

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QLast Update : Thu May 30 03:41:03 2024
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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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

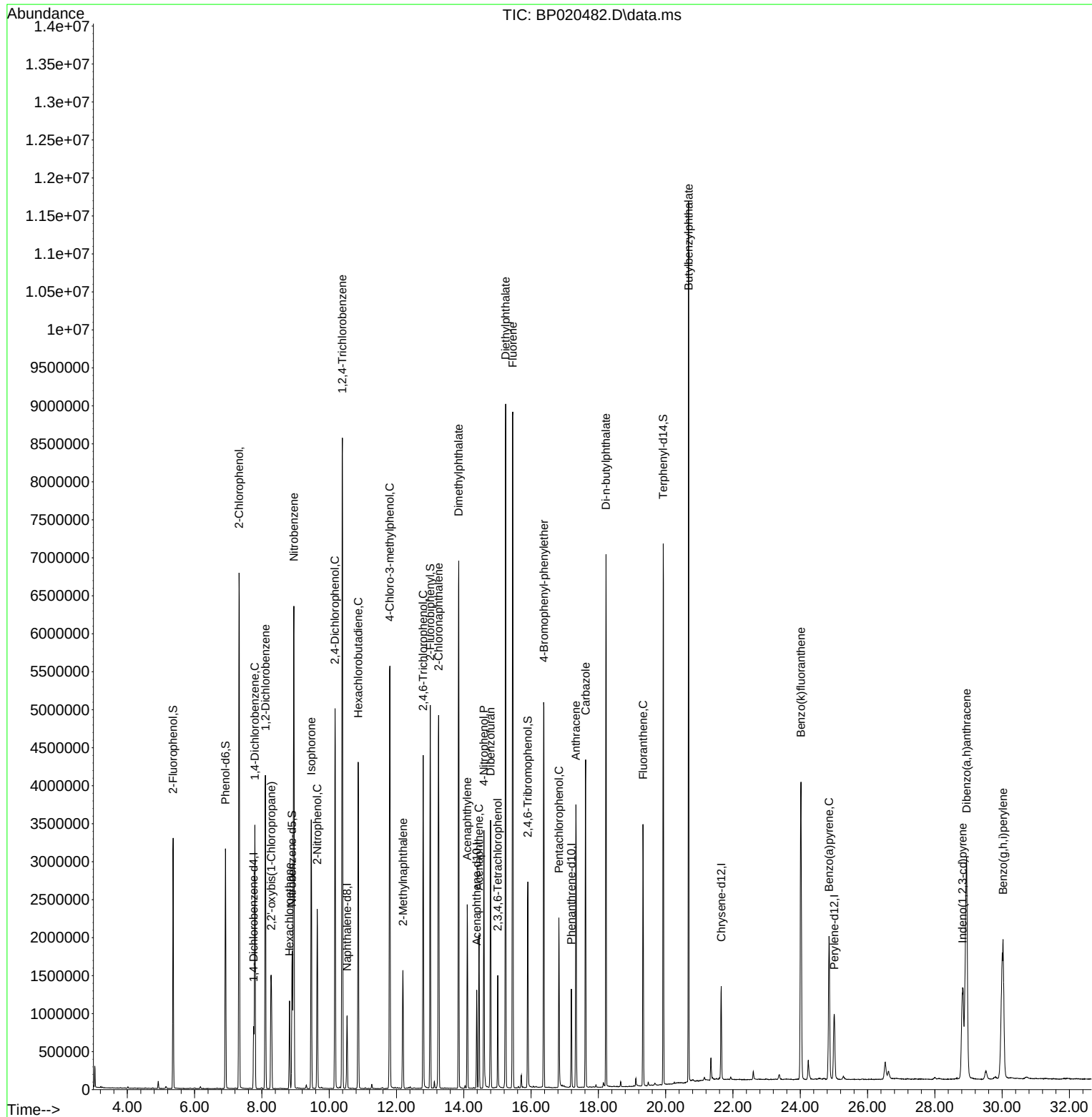
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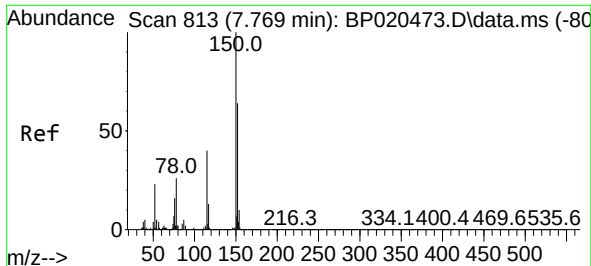
Response via : Initial Calibration

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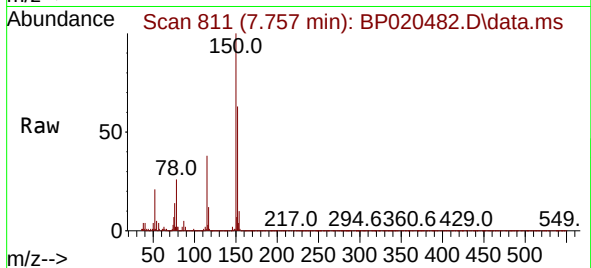
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 813
Delta R.T. -0.012 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

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BNA_P

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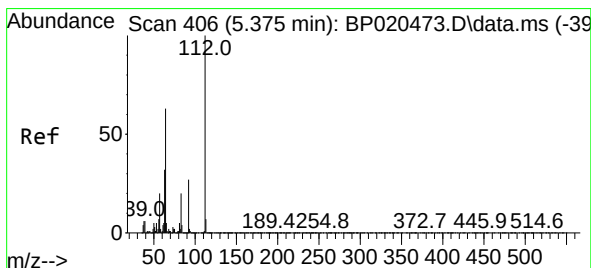
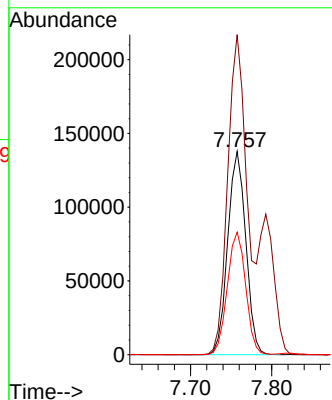
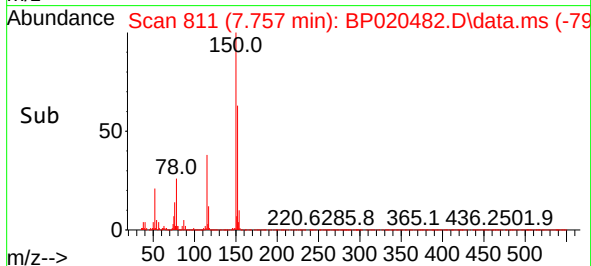


Tgt Ion:152 Resp: 21359
Ion Ratio Lower Upper
152 100
150 157.5 124.2 186.2
115 60.3 49.5 74.3

Manual Integrations

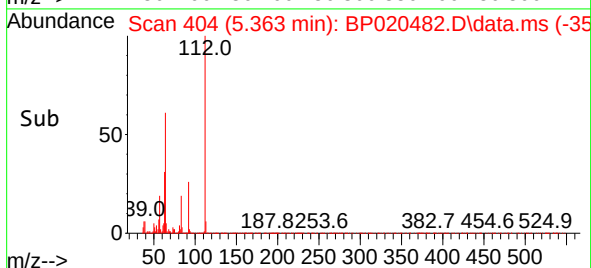
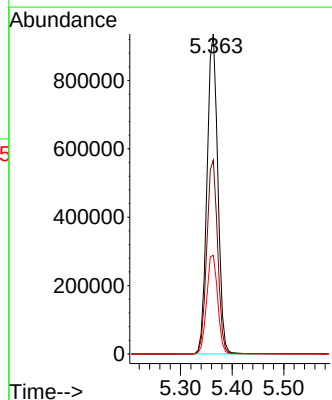
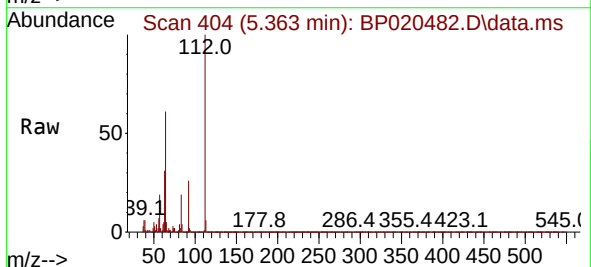
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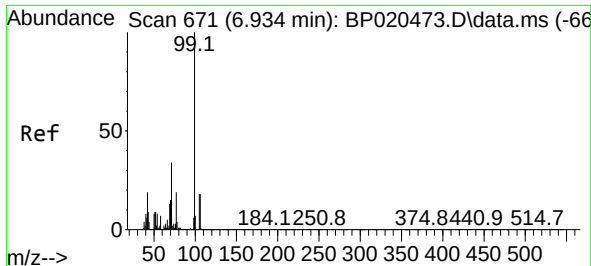
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#5
2-Fluorophenol
Concen: 113.859 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.012 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

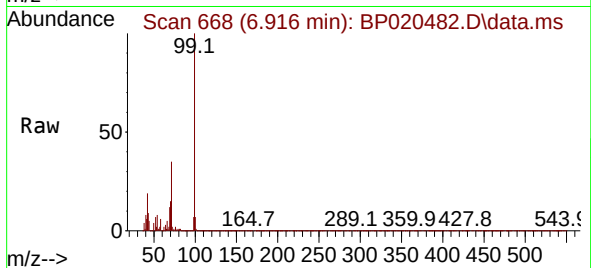
Tgt Ion:112 Resp: 1358289
Ion Ratio Lower Upper
112 100
64 60.6 50.1 75.1
63 30.9 25.7 38.5





#7
Phenol-d6
Concen: 105.173 ng
RT: 6.916 min Scan# 60
Delta R.T. -0.018 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

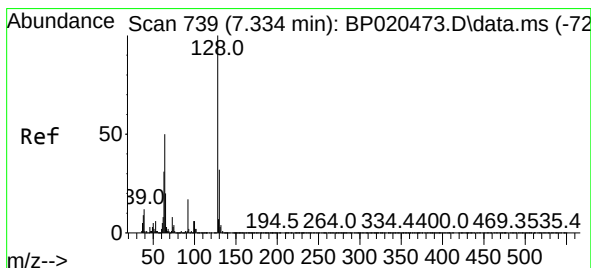
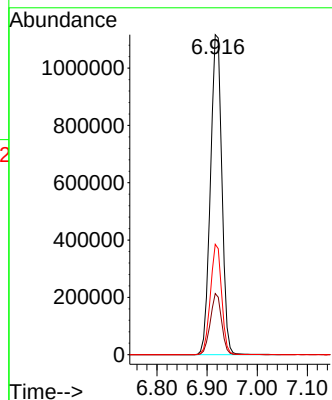
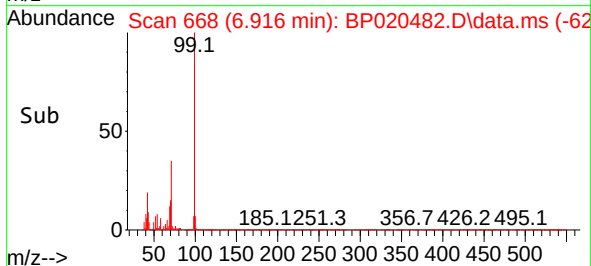
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1769404
Ion Ratio Lower Upper
99 100
42 19.1 15.0 22.4
71 34.5 27.3 40.9

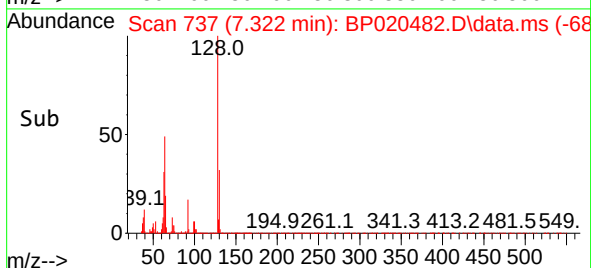
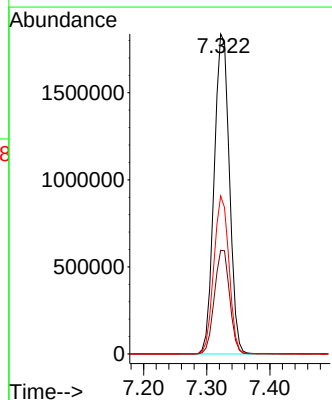
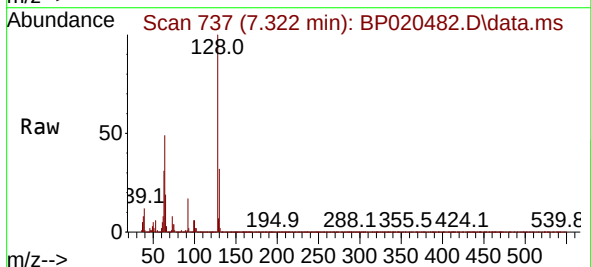
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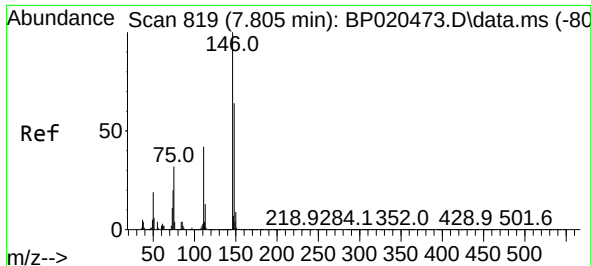
Reviewed By :Jagrut Upadhyay 05/30/2024
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#8
2-Chlorophenol
Concen: 230.453 ng
RT: 7.322 min Scan# 737
Delta R.T. -0.012 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

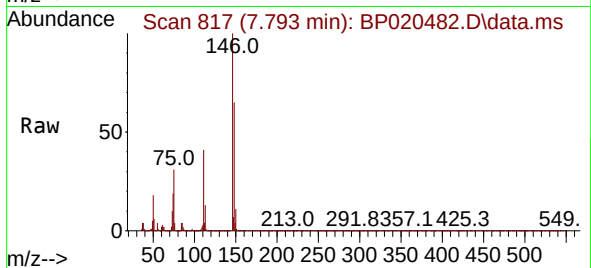
Tgt Ion:128 Resp: 3081844
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 49.4 29.6 69.6





#13
1,4-Dichlorobenzene
Concen: 83.891 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

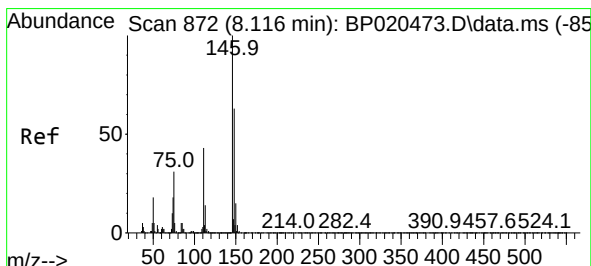
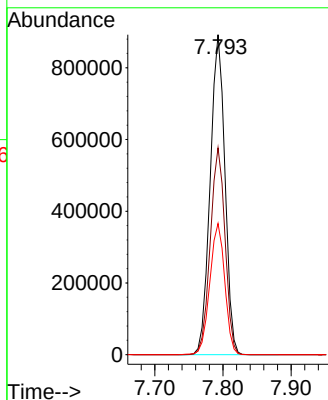
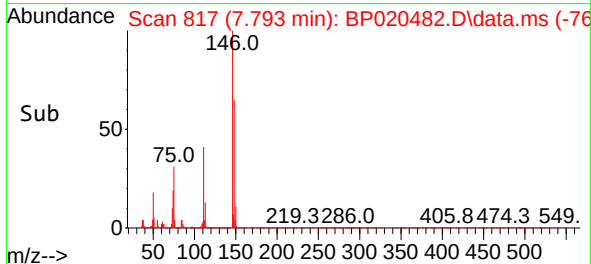
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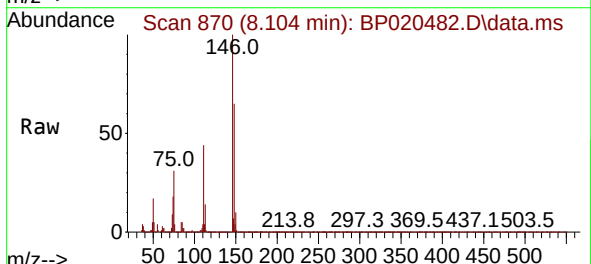
Tgt Ion:146 Resp: 134343
Ion Ratio Lower Upper
146 100
148 64.6 50.8 76.2
111 41.0 33.8 50.6

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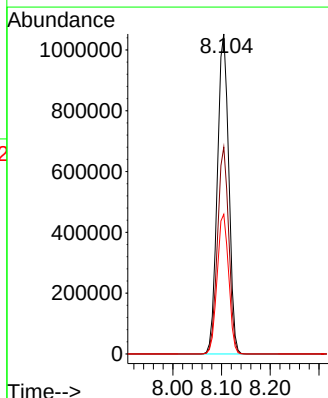
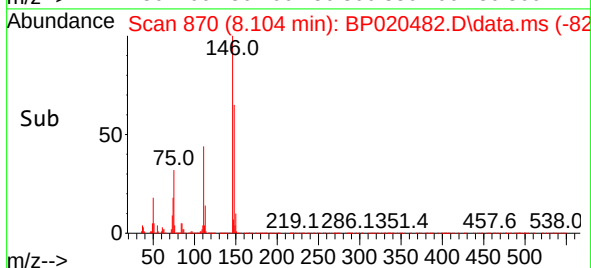
Reviewed By :Jagrut Upadhyay 05/30/2024
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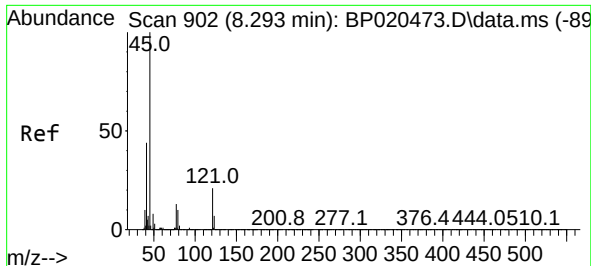


#14
1,2-Dichlorobenzene
Concen: 110.824 ng
RT: 8.104 min Scan# 870
Delta R.T. -0.012 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31



Tgt Ion:146 Resp: 1712771
Ion Ratio Lower Upper
146 100
148 64.6 50.1 75.1
111 43.6 34.4 51.6





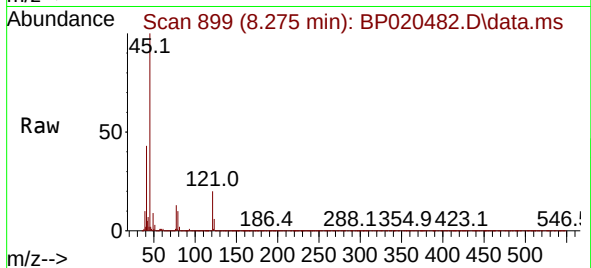
#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.449 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.018 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Instrument :

BNA_P

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PT-BNA-SOIL

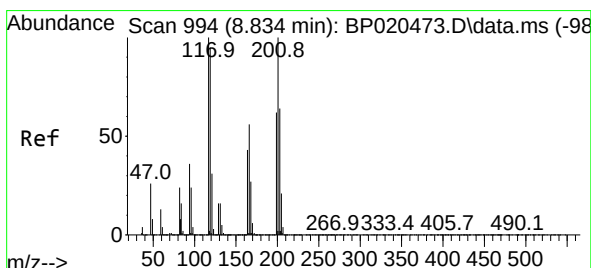
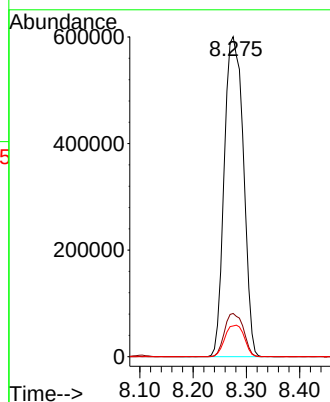
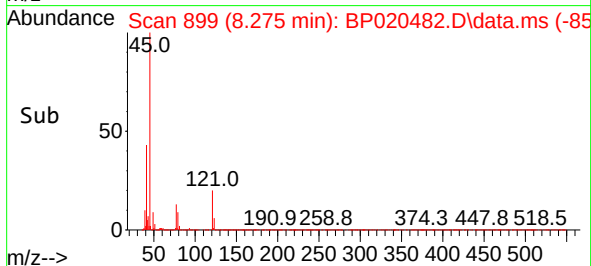


Tgt Ion: 45 Resp: 1494750
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.6
79 9.6 0.0 29.9

Manual Integrations

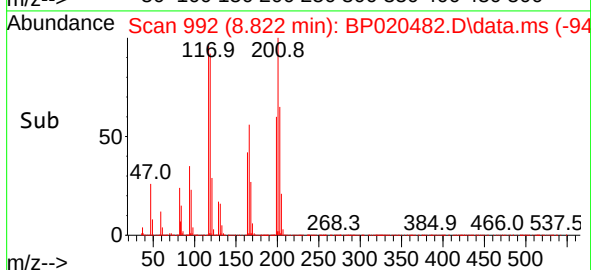
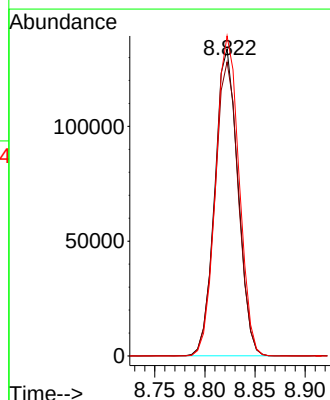
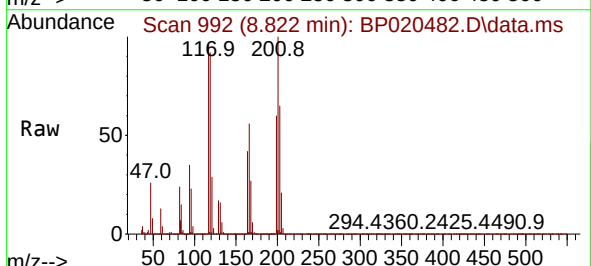
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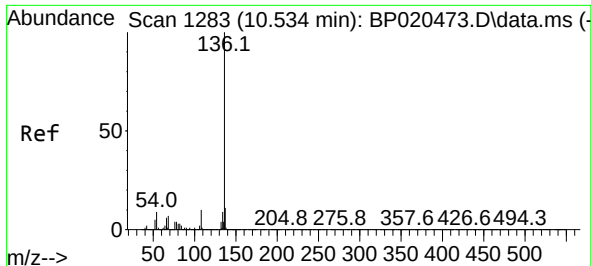
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#18
Hexachloroethane
Concen: 36.648 ng
RT: 8.822 min Scan# 992
Delta R.T. -0.012 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Tgt Ion:117 Resp: 214297
Ion Ratio Lower Upper
117 100
119 95.8 76.3 114.5
201 104.3 79.9 119.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Instrument :

BNA_P

ClientSampleId :

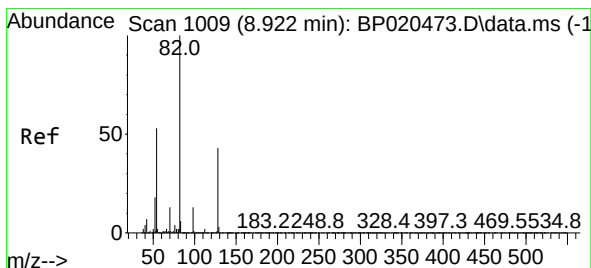
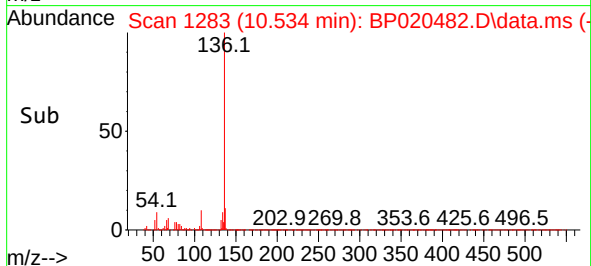
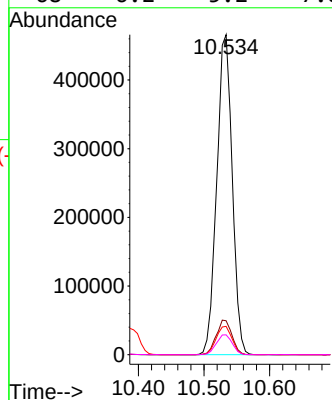
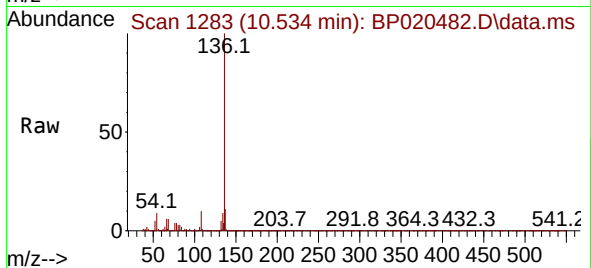
PT-BNA-SOIL

Tgt Ion:136 Resp: 76080
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.8 7.4 11.0
68 6.2 5.2 7.8

Manual Integrations

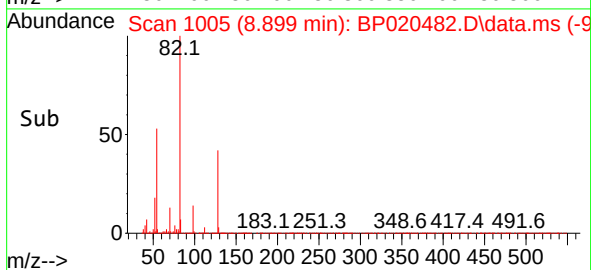
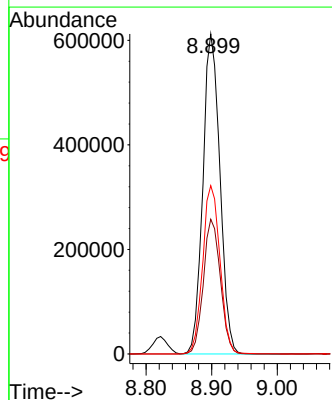
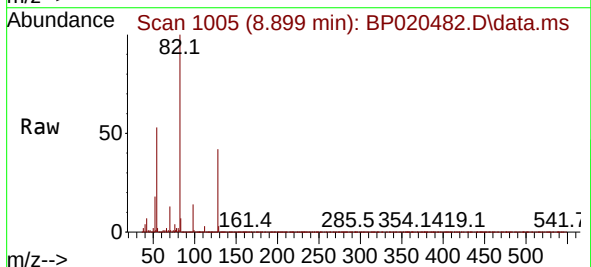
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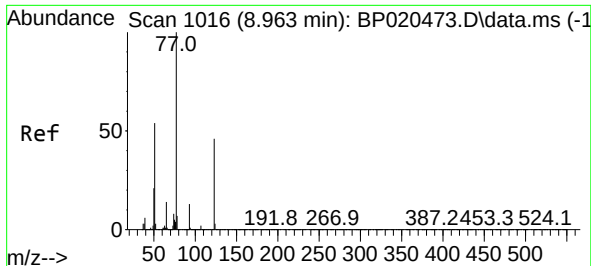
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#23
Nitrobenzene-d5
Concen: 79.818 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.024 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Tgt Ion: 82 Resp: 1109342
Ion Ratio Lower Upper
82 100
128 42.1 34.2 51.4
54 52.6 42.7 64.1





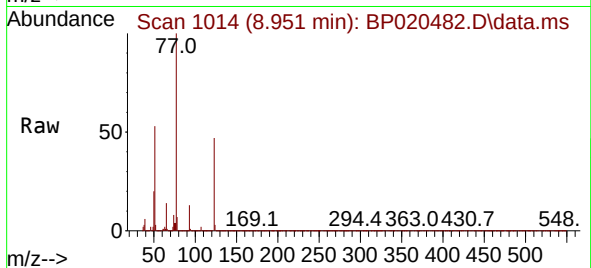
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Nitrobenzene
Concen: 260.238 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

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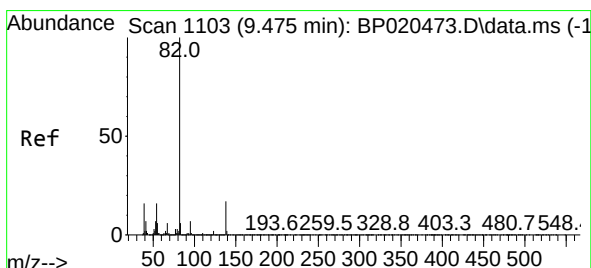
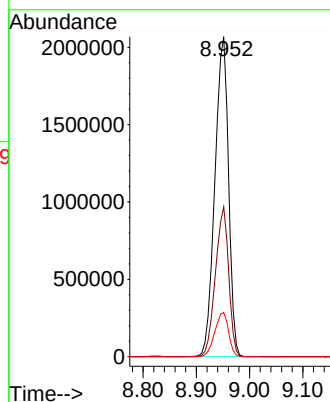
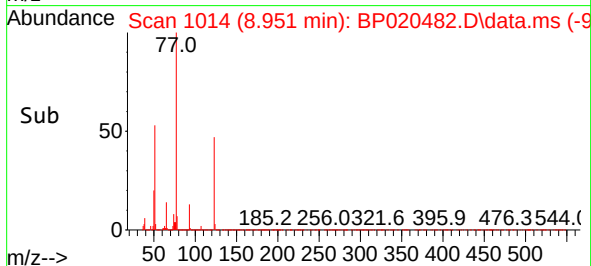


Tgt Ion: 77 Resp: 367073
Ion Ratio Lower Upper
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123 46.8 36.6 54.8
65 13.8 11.1 16.7

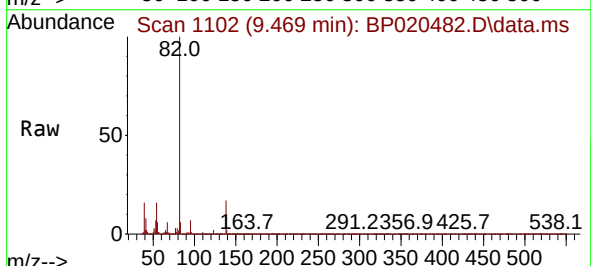
Manual Integrations

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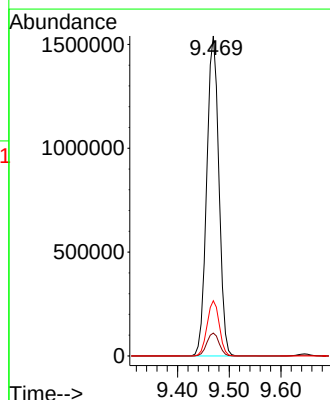
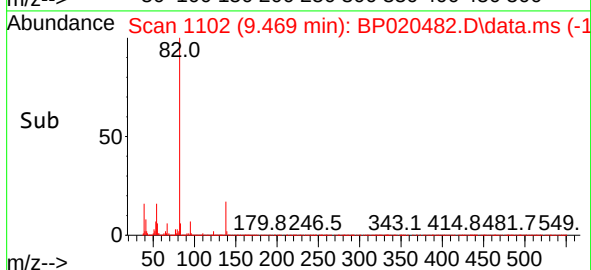
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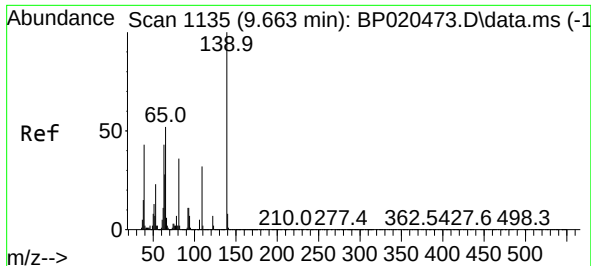


#25
Isophorone
Concen: 92.900 ng
RT: 9.469 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31



Tgt Ion: 82 Resp: 2508674
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 17.2 13.8 20.6





#26
2-Nitrophenol
Concen: 127.938 ng
RT: 9.646 min Scan# 1135
Delta R.T. -0.017 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Instrument :

BNA_P

ClientSampleId :

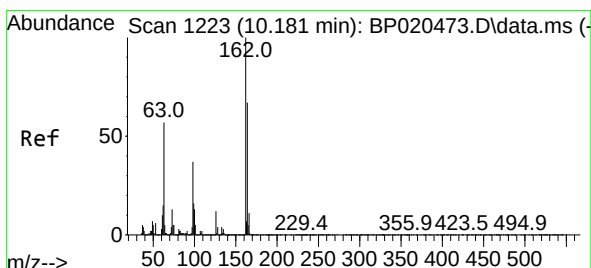
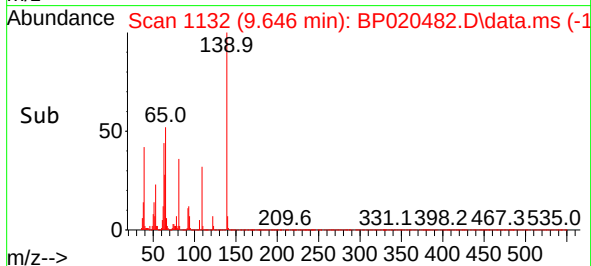
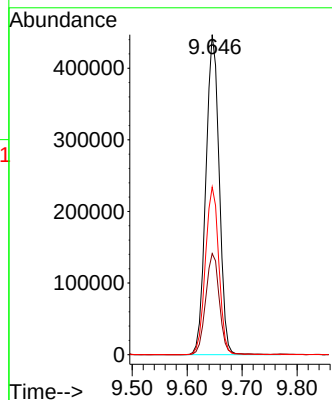
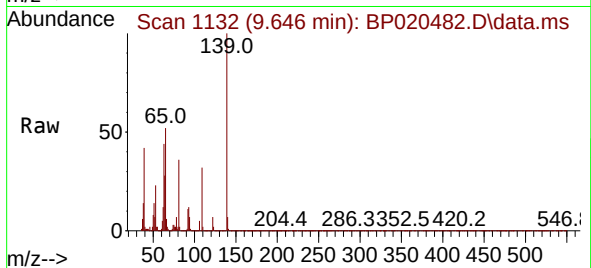
PT-BNA-SOIL

Tgt Ion:139 Resp: 752118
Ion Ratio Lower Upper
139 100
109 31.6 25.8 38.8
65 52.4 41.8 62.8

Manual Integrations

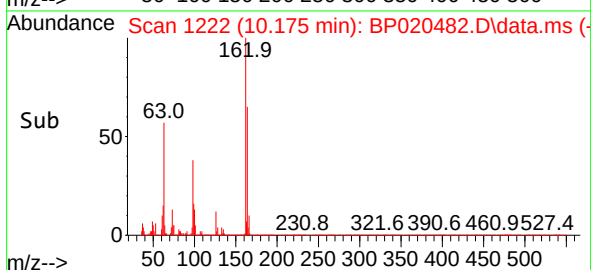
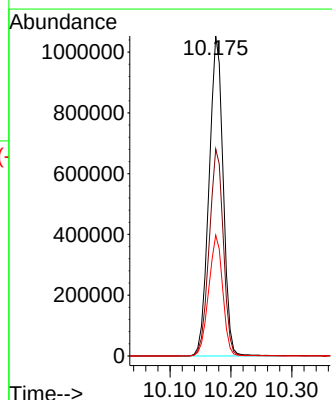
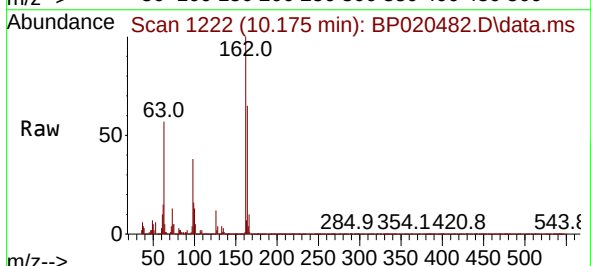
APPROVED

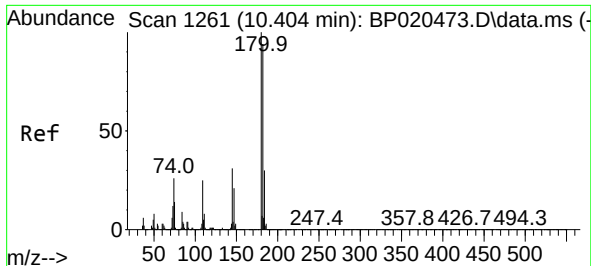
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#29
2,4-Dichlorophenol
Concen: 154.893 ng
RT: 10.175 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Tgt Ion:162 Resp: 1695278
Ion Ratio Lower Upper
162 100
164 64.7 46.5 86.5
98 37.8 17.4 57.4





#30
1,2,4-Trichlorobenzene
Concen: 238.497 ng
RT: 10.393 min Scan# 1259
Delta R.T. -0.012 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Instrument :

BNA_P

ClientSampleId :

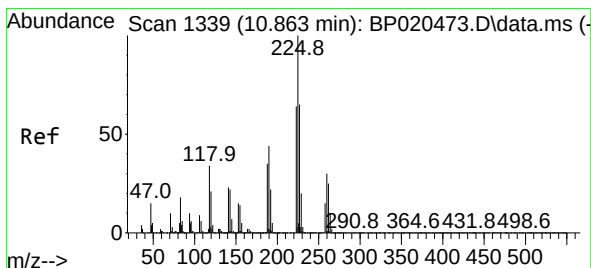
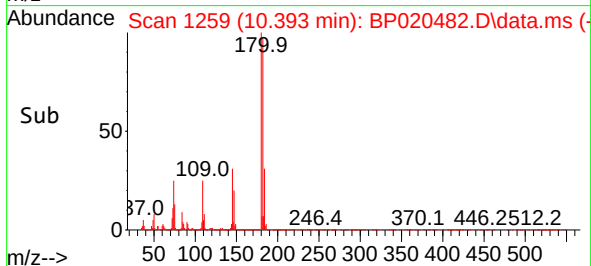
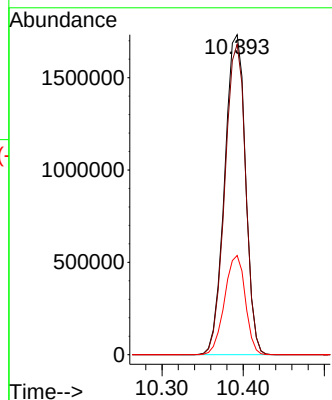
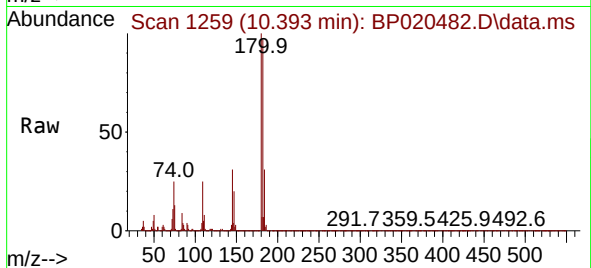
PT-BNA-SOIL

Tgt Ion:180 Resp: 309887
Ion Ratio Lower Upper
180 100
182 97.0 75.2 112.8
145 31.0 24.9 37.3

Manual Integrations

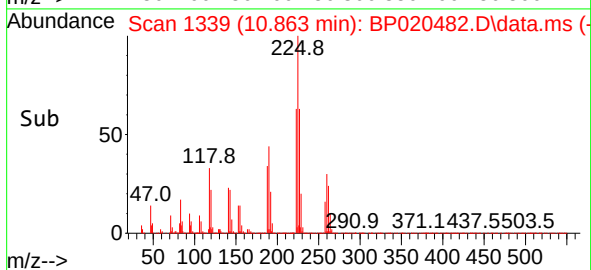
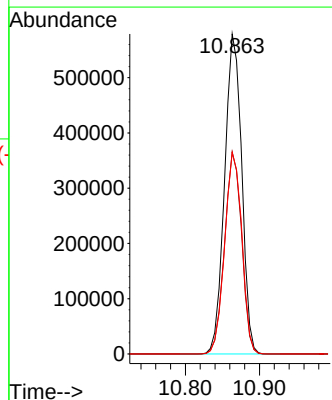
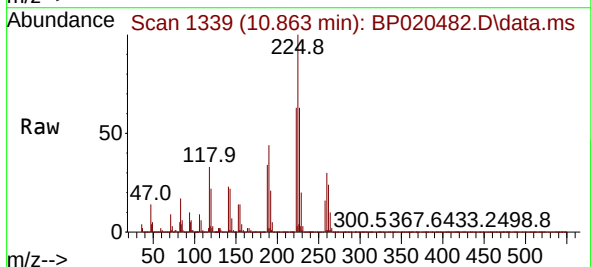
APPROVED

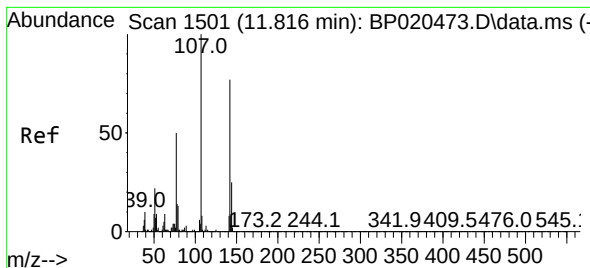
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#34
Hexachlorobutadiene
Concen: 113.225 ng
RT: 10.863 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

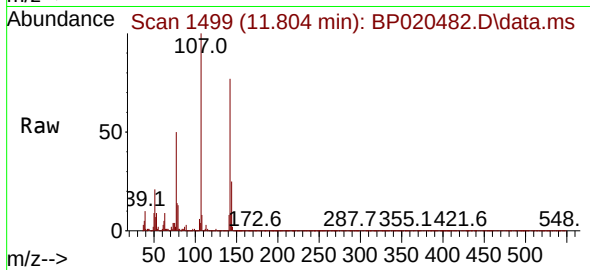
Tgt Ion:225 Resp: 926727
Ion Ratio Lower Upper
225 100
223 63.1 51.3 76.9
227 62.9 51.6 77.4





#36
4-Chloro-3-methylphenol
Concen: 176.240 ng
RT: 11.804 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

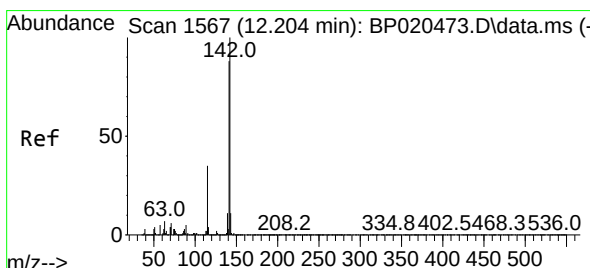
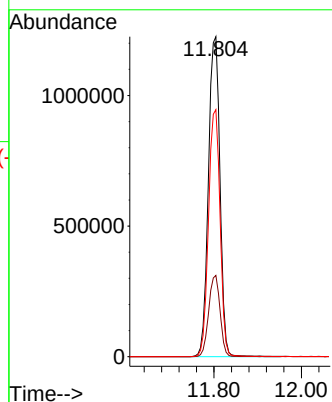
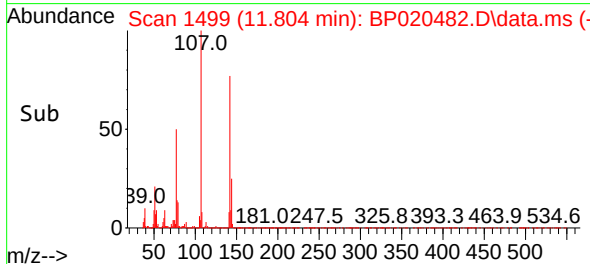
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL



Tgt Ion:107 Resp: 225842
Ion Ratio Lower Upper
107 100
144 25.4 20.0 30.0
142 77.2 61.4 92.2

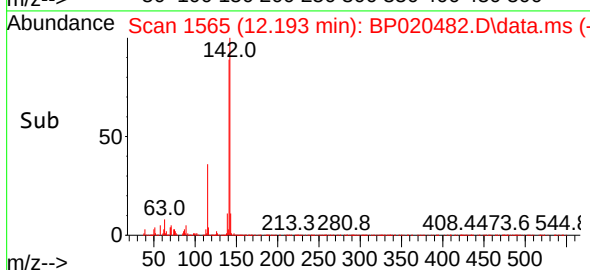
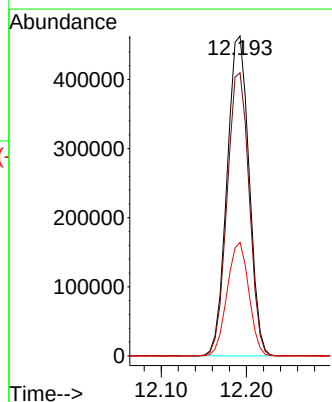
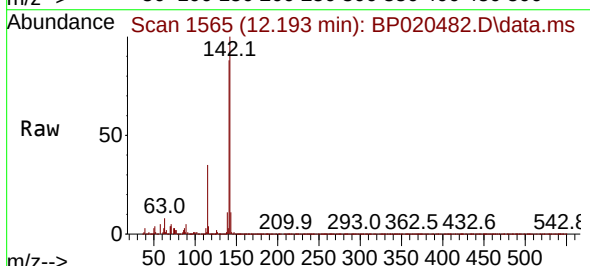
Manual Integrations
APPROVED

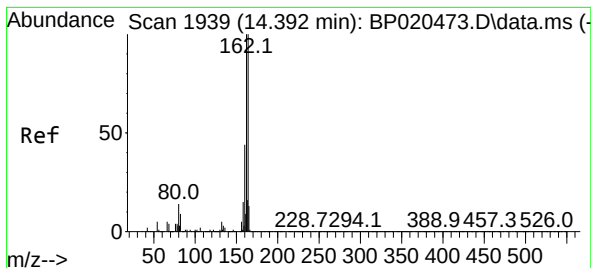
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#37
2-Methylnaphthalene
Concen: 29.837 ng
RT: 12.193 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Tgt Ion:142 Resp: 831544
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5
115 35.5 28.0 42.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.387 min Scan# 1938

Delta R.T. -0.005 min

Lab File: BP020482.D

Acq: 30 May 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOIL

Tgt Ion:164 Resp: 426080

Ion Ratio Lower Upper

164 100

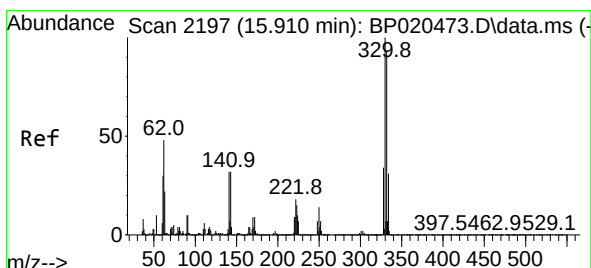
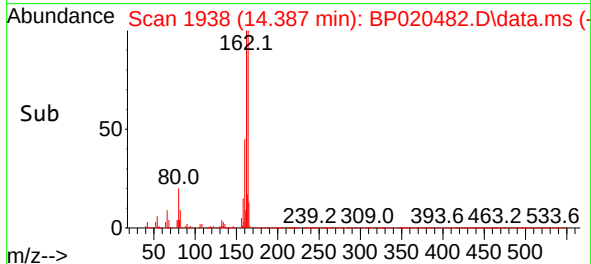
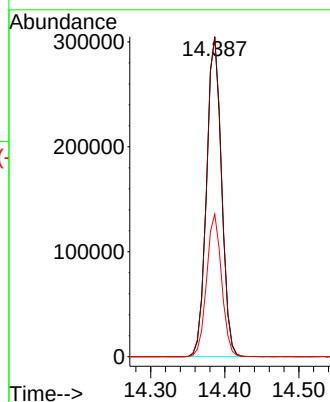
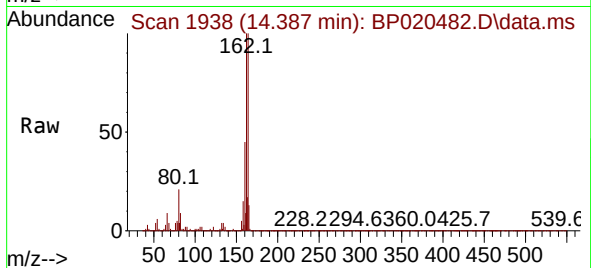
162 99.8 80.3 120.5

160 44.5 35.4 53.2

Manual Integrations

APPROVED

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



#42

2,4,6-Tribromophenol

Concen: 112.251 ng

RT: 15.904 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BP020482.D

Acq: 30 May 2024 11:31

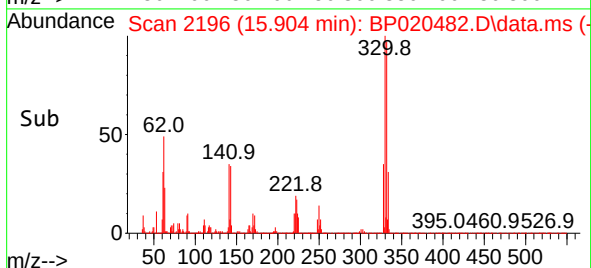
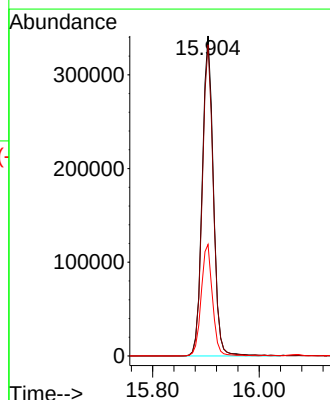
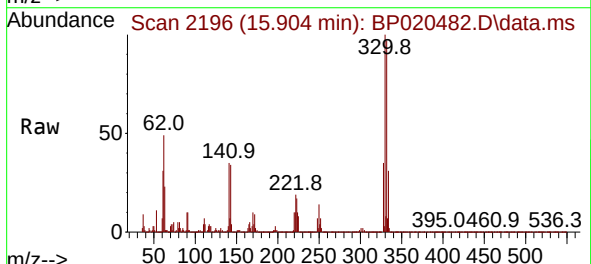
Tgt Ion:330 Resp: 496369

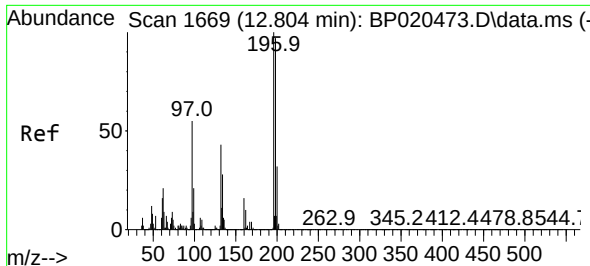
Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

141 35.3 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 132.713 ng
RT: 12.792 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Instrument :

BNA_P

ClientSampleId :

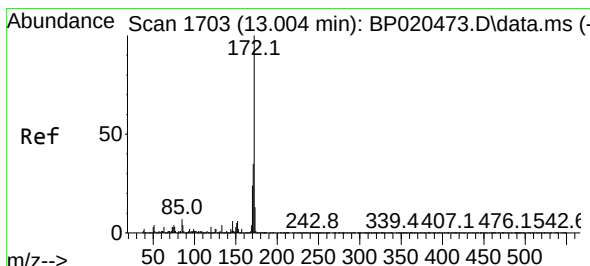
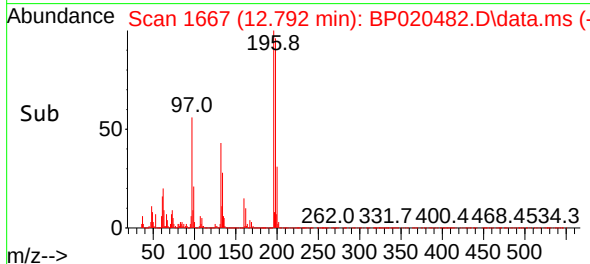
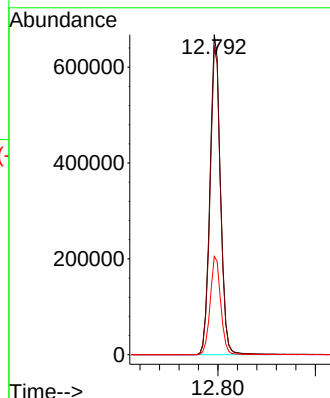
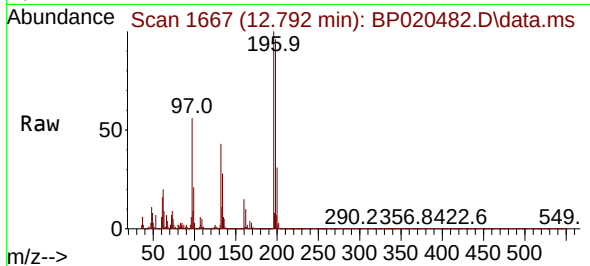
PT-BNA-SOIL

Tgt Ion:196 Resp: 988969
Ion Ratio Lower Upper
196 100
198 96.2 77.9 116.9
200 30.7 25.5 38.3

Manual Integrations

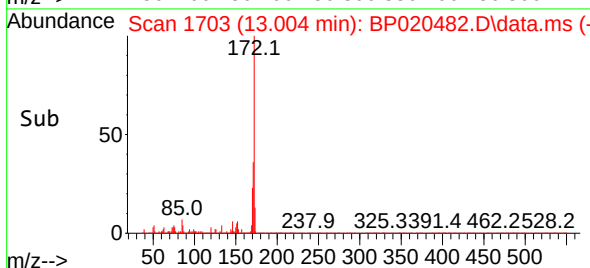
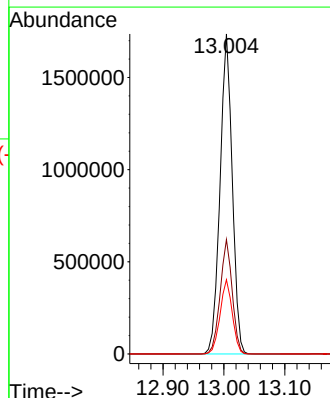
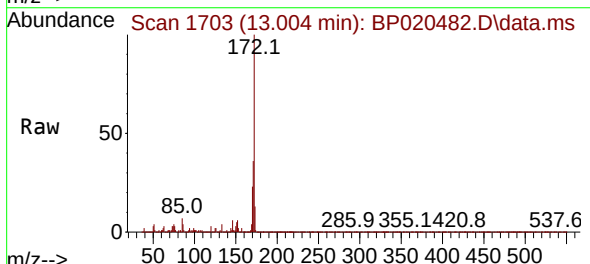
APPROVED

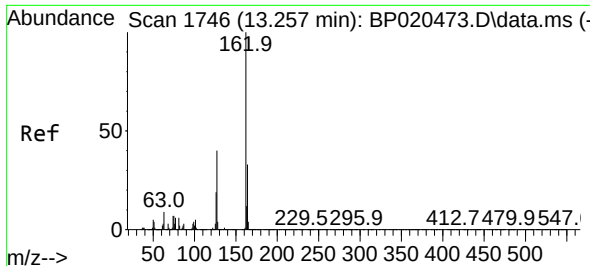
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#45
2-Fluorobiphenyl
Concen: 84.266 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Tgt Ion:172 Resp: 2408517
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.2 18.9 28.3





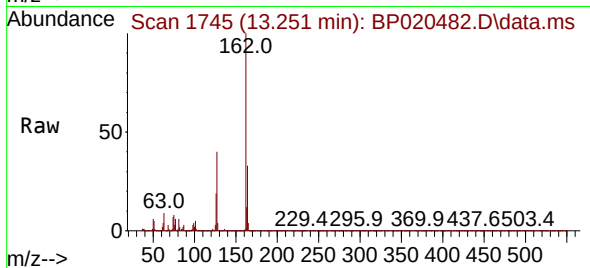
#47
2-Chloronaphthalene
Concen: 116.277 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOIL

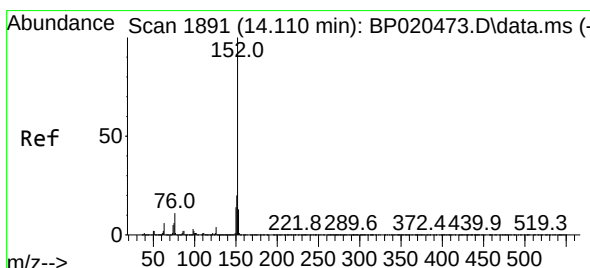
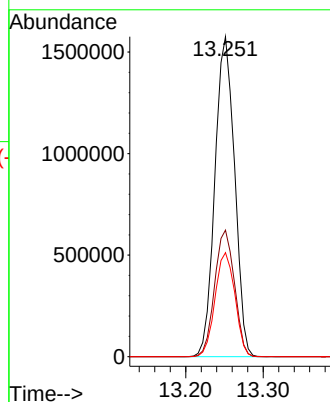
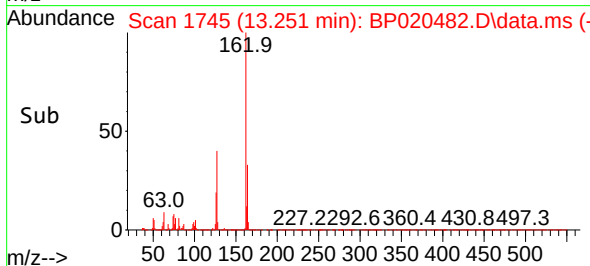


Tgt Ion:162 Resp: 2779609
Ion Ratio Lower Upper
162 100
127 39.6 32.2 48.2
164 32.5 26.1 39.1

Manual Integrations

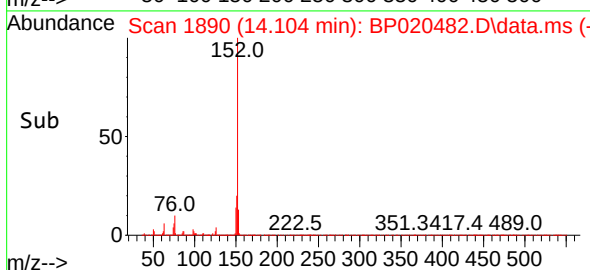
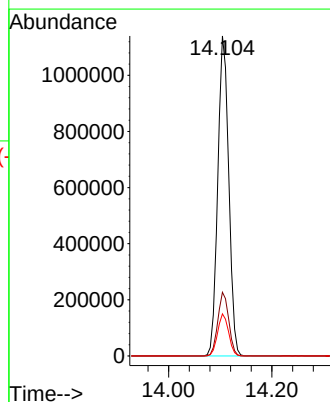
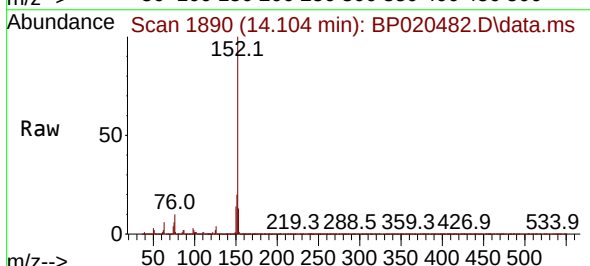
APPROVED

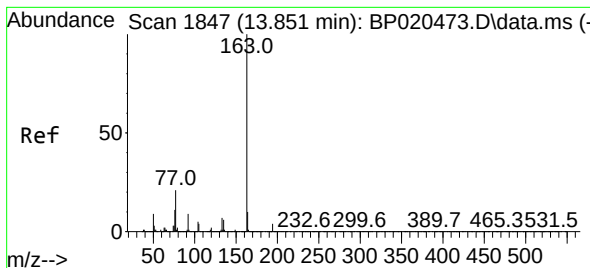
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#49
Acenaphthylene
Concen: 47.252 ng
RT: 14.104 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Tgt Ion:152 Resp: 1676078
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.6 15.8





#50
Dimethylphthalate
Concen: 147.422 ng
RT: 13.851 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Instrument :

BNA_P

ClientSampleId :

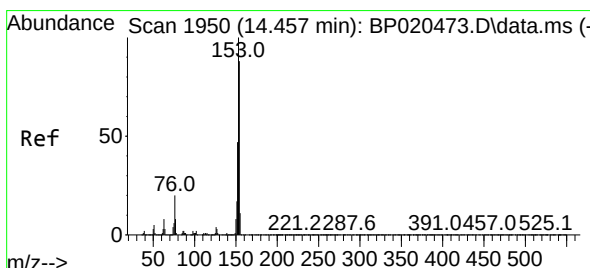
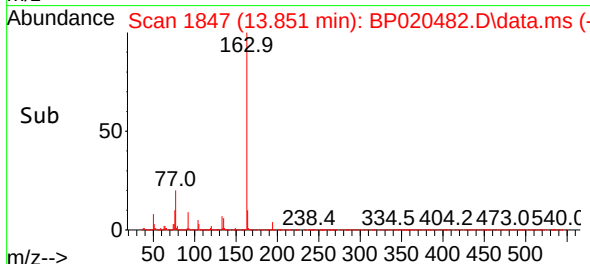
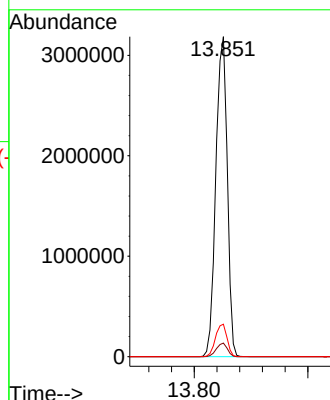
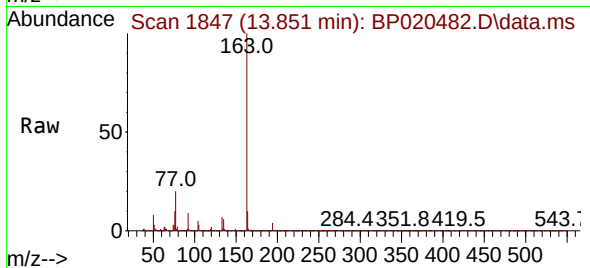
PT-BNA-SOIL

Tgt Ion:163 Resp: 442773
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 8.3 12.5

Manual Integrations

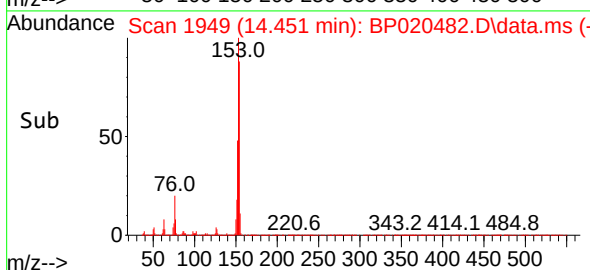
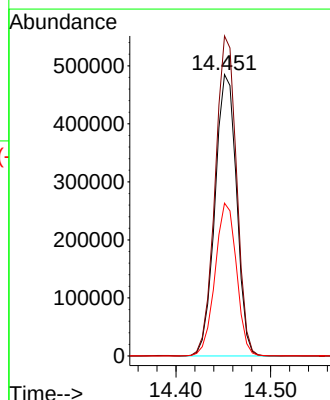
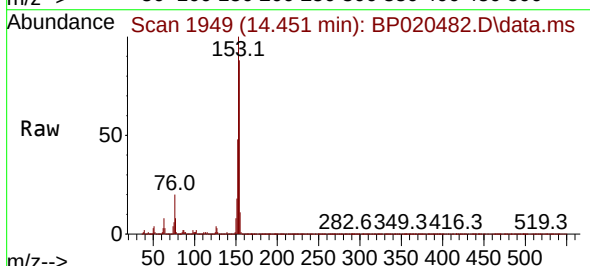
APPROVED

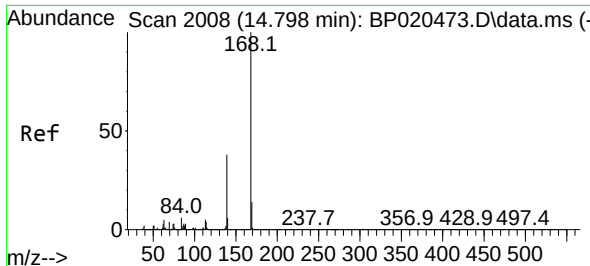
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#52
Acenaphthene
Concen: 34.331 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Tgt Ion:154 Resp: 768159
Ion Ratio Lower Upper
154 100
153 113.7 90.6 136.0
152 54.3 42.6 63.8





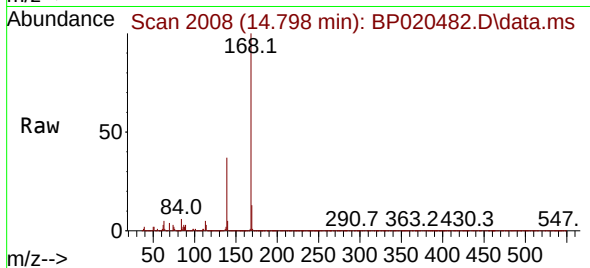
#55
Dibenzofuran
Concen: 69.102 ng
RT: 14.798 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOIL



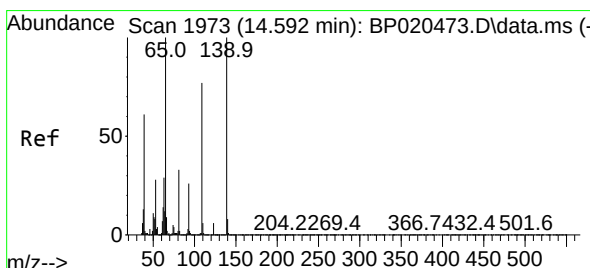
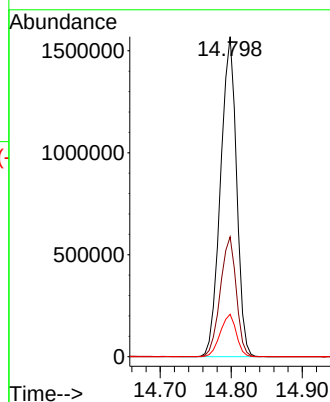
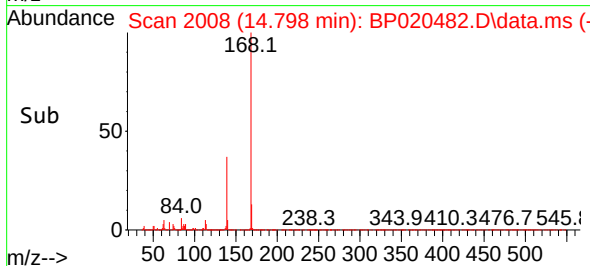
Tgt Ion:168 Resp: 244927

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.4	45.6
169	13.2	11.0	16.4

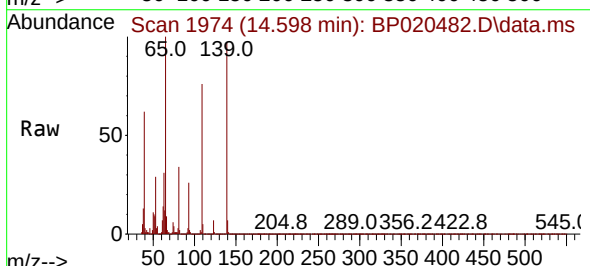
Manual Integrations

APPROVED

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

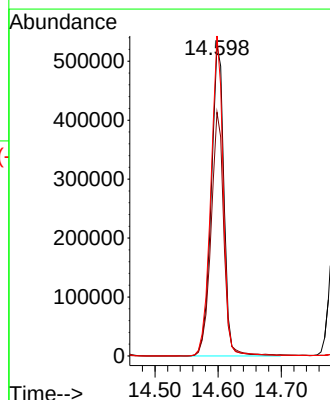
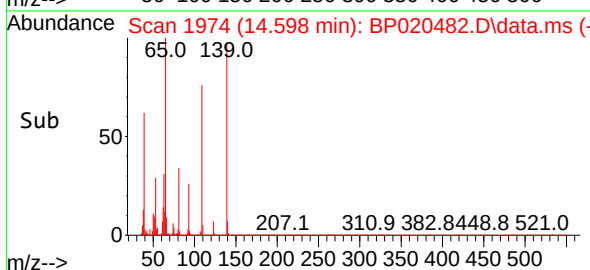


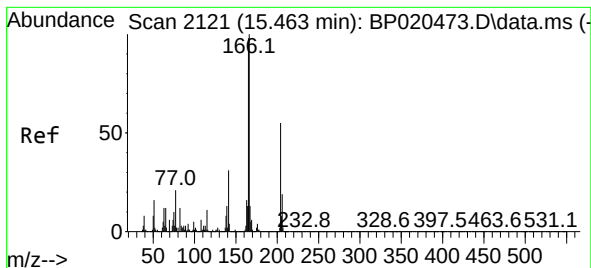
#56
4-Nitrophenol
Concen: 147.706 ng
RT: 14.598 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31



Tgt Ion:139 Resp: 735757

Ion	Ratio	Lower	Upper
139	100		
109	78.4	57.4	97.4
65	102.9	80.4	120.4





#58

Fluorene

Concen: 156.511 ng

RT: 15.457 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BP020482.D

Acq: 30 May 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOIL

Tgt Ion:166 Resp: 445337

Ion Ratio Lower Upper

166 100

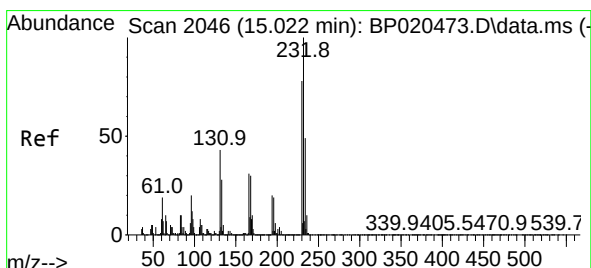
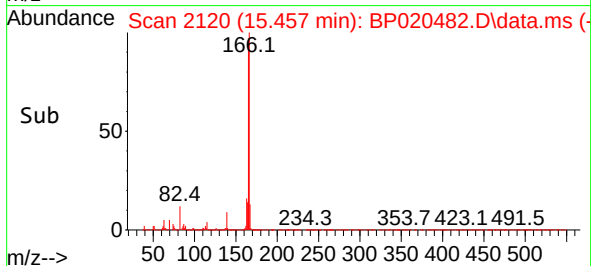
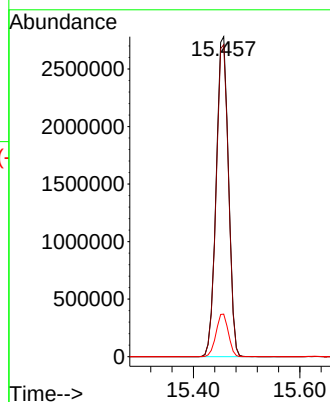
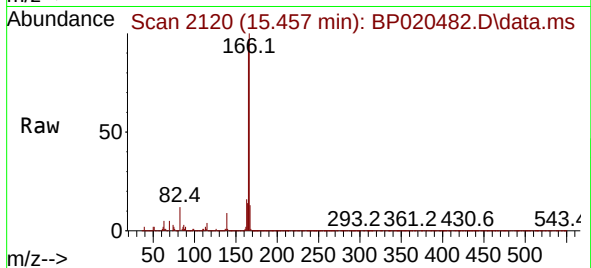
165 97.5 78.2 117.4

167 13.3 10.7 16.1

Manual Integrations

APPROVED

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



#59

2,3,4,6-Tetrachlorophenol

Concen: 36.530 ng

RT: 15.010 min Scan# 2044

Delta R.T. -0.012 min

Lab File: BP020482.D

Acq: 30 May 2024 11:31

Tgt Ion:232 Resp: 257006

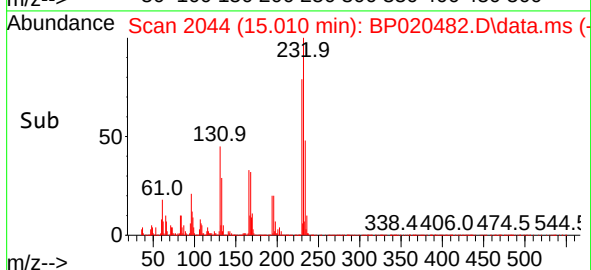
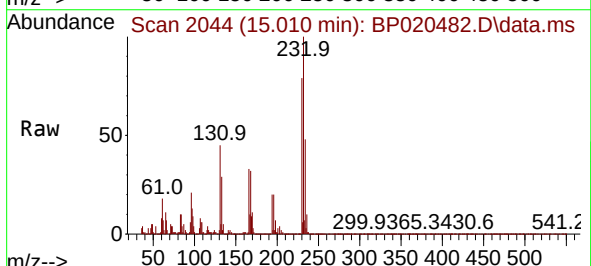
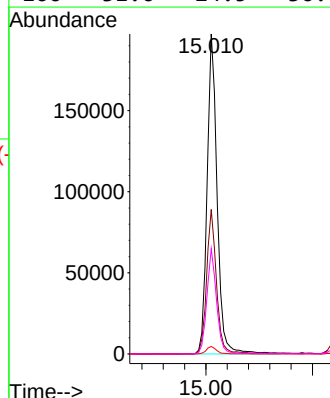
Ion Ratio Lower Upper

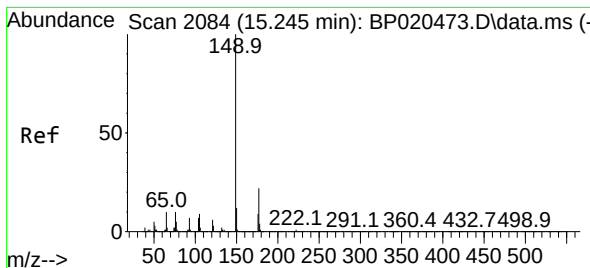
232 100

131 44.2 34.8 52.2

130 2.4 1.9 2.9

166 31.6 24.5 36.7





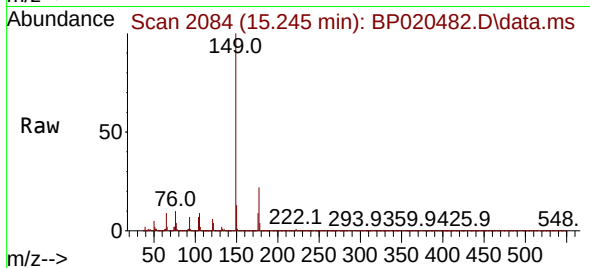
#60
Diethylphthalate
Concen: 165.768 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOIL

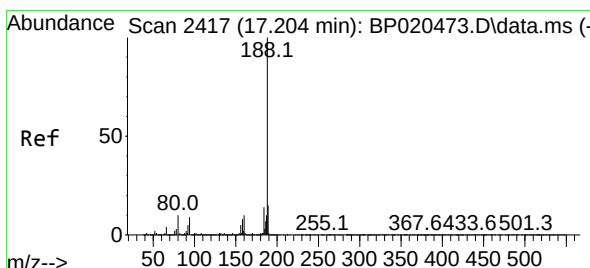
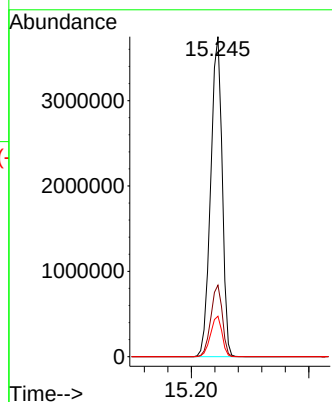
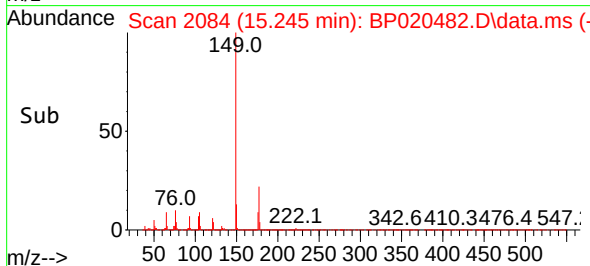


Tgt Ion:149 Resp: 5061070
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.7 9.8 14.8

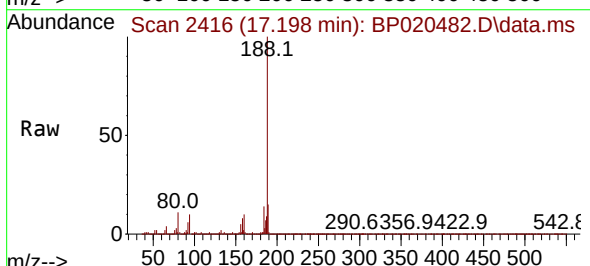
Manual Integrations

APPROVED

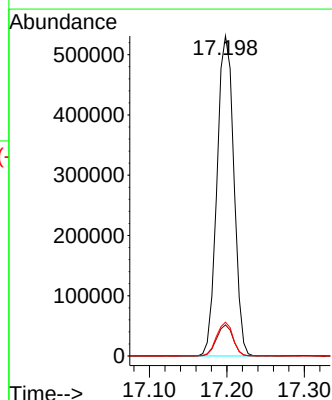
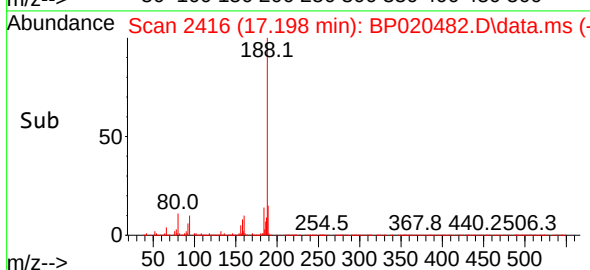
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

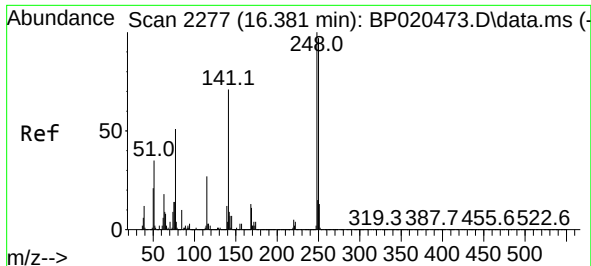


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31



Tgt Ion:188 Resp: 801210
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.5 8.1 12.1





#67
4-Bromophenyl-phenylether
Concen: 124.195 ng
RT: 16.381 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Instrument :

BNA_P

ClientSampleId :

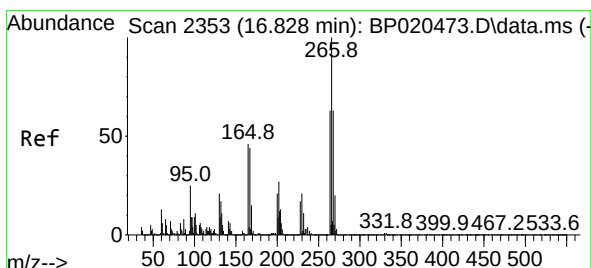
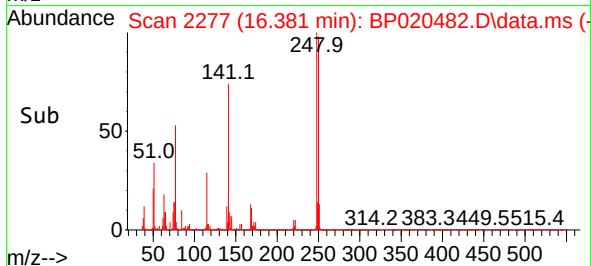
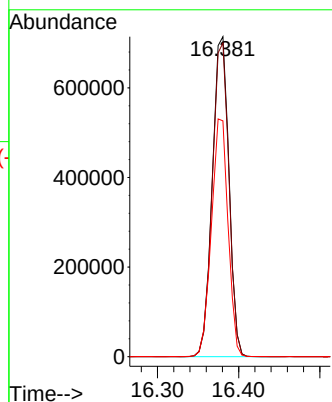
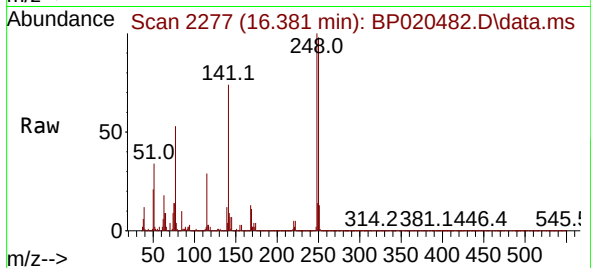
PT-BNA-SOIL

Tgt Ion:248 Resp: 1018004
Ion Ratio Lower Upper
248 100
250 98.0 77.4 116.0
141 73.7 56.5 84.7

Manual Integrations

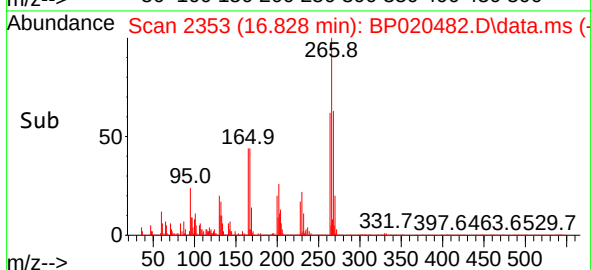
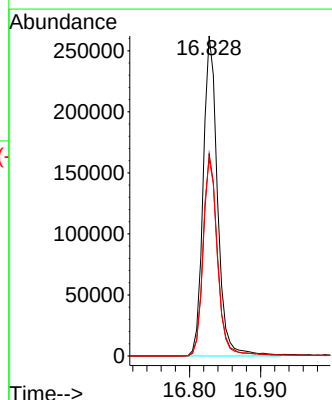
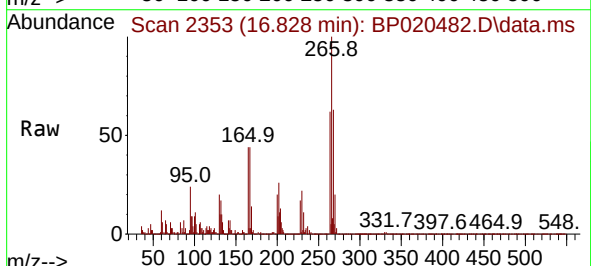
APPROVED

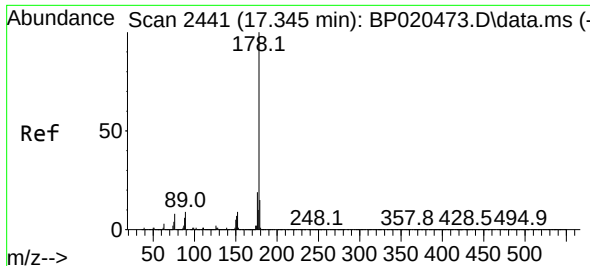
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#70
Pentachlorophenol
Concen: 63.069 ng
RT: 16.828 min Scan# 2353
Delta R.T. -0.000 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

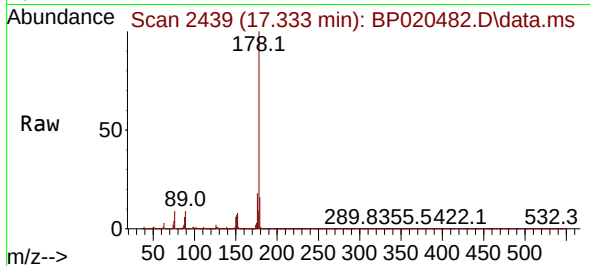
Tgt Ion:266 Resp: 369522
Ion Ratio Lower Upper
266 100
268 63.2 50.1 75.1
264 61.7 50.6 76.0





#72
 Anthracene
 Concen: 63.945 ng
 RT: 17.333 min Scan# 2439
 Delta R.T. -0.012 min
 Lab File: BP020482.D
 Acq: 30 May 2024 11:31

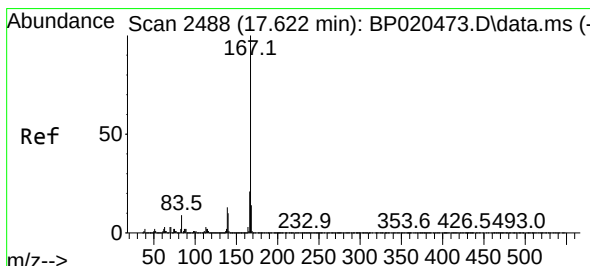
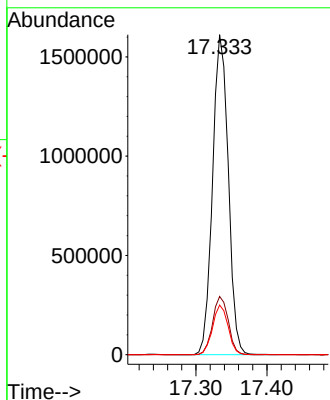
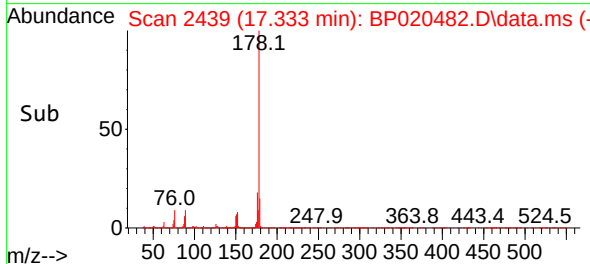
Instrument :
 BNA_P
 ClientSampleId :
 PT-BNA-SOIL



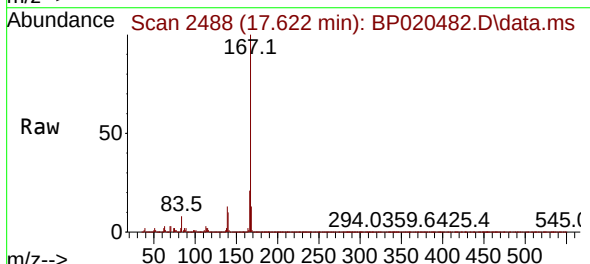
Tgt Ion:178 Resp: 2471290
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.8 22.2
 179 15.5 12.2 18.4

Manual Integrations
 APPROVED

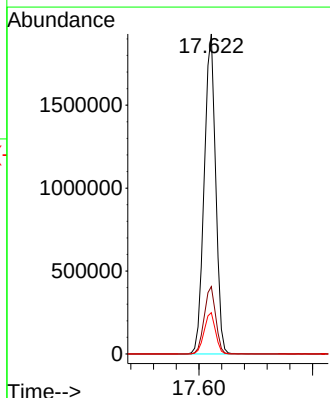
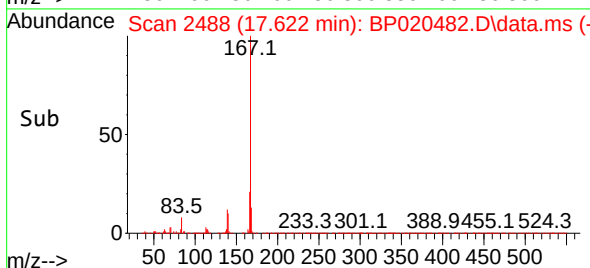
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

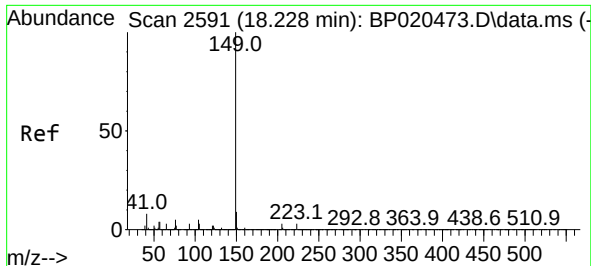


#73
 Carbazole
 Concen: 71.765 ng
 RT: 17.622 min Scan# 2488
 Delta R.T. -0.000 min
 Lab File: BP020482.D
 Acq: 30 May 2024 11:31



Tgt Ion:167 Resp: 2682773
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.1 25.7
 139 12.9 10.5 15.7





#74
Di-n-butylphthalate
Concen: 111.211 ng
RT: 18.227 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Instrument :

BNA_P

ClientSampleId :

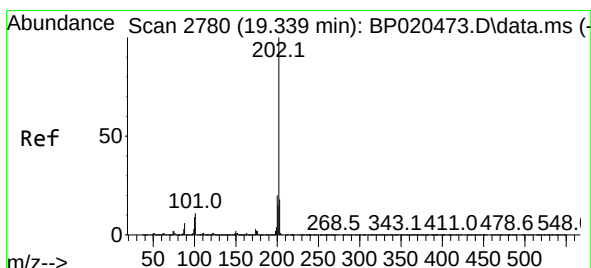
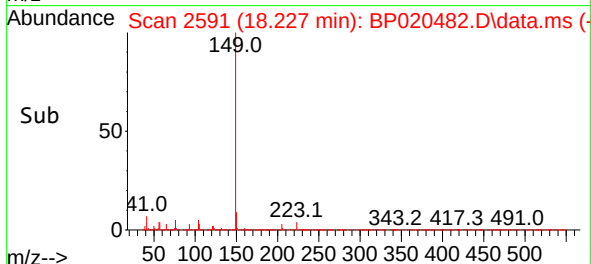
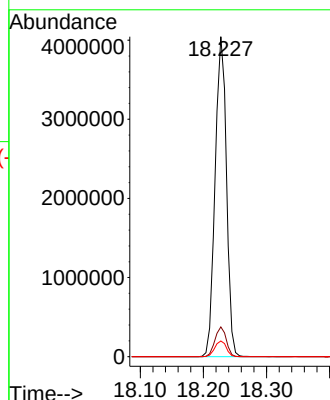
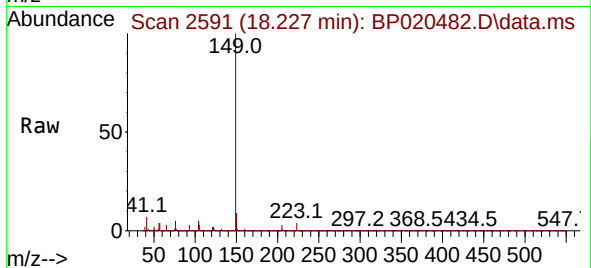
PT-BNA-SOIL

Tgt Ion:149 Resp: 503459
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.9 4.2 6.2

Manual Integrations

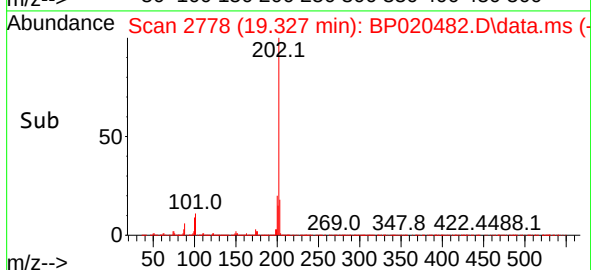
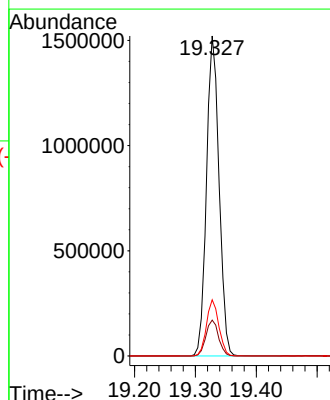
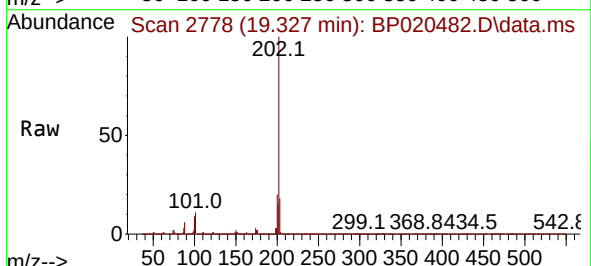
APPROVED

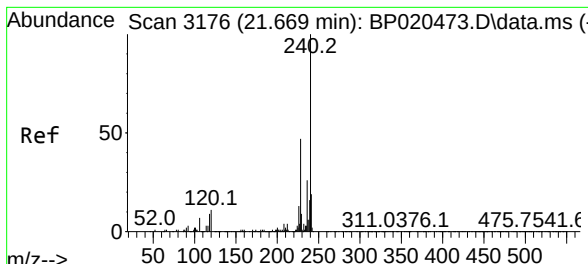
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#75
Fluoranthene
Concen: 46.645 ng
RT: 19.327 min Scan# 2778
Delta R.T. -0.012 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Tgt Ion:202 Resp: 2173405
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 17.6 0.0 37.7



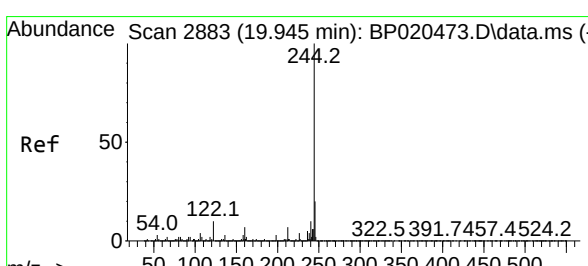
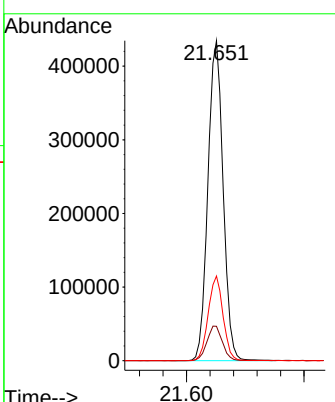
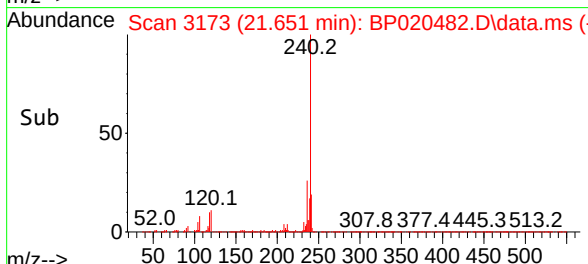
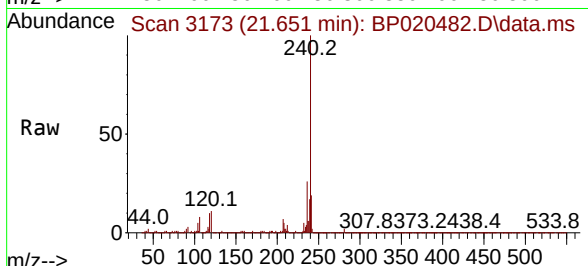


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.651 min Scan# 3173
 Delta R.T. -0.018 min
 Lab File: BP020482.D
 Acq: 30 May 2024 11:31

Instrument : BNA_P
 ClientSampleId : PT-BNA-SOIL

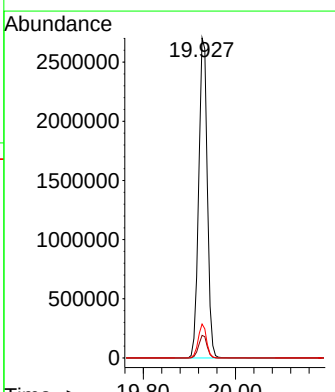
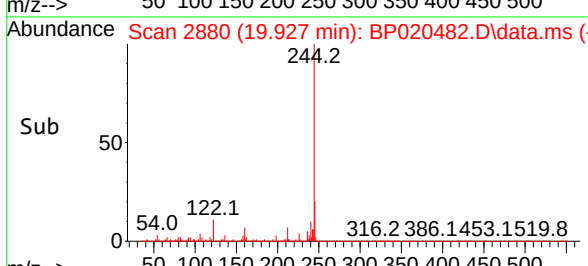
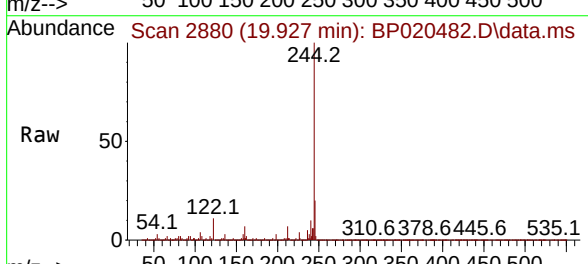
Tgt Ion:	240	Resp:	779258
Ion Ratio	Lower	Upper	
240	100		
120	10.7	8.5	12.7
236	26.4	20.5	30.7

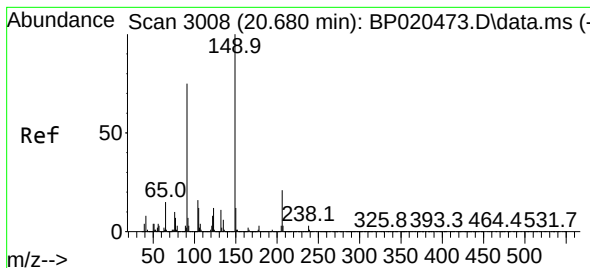
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024



#79
 Terphenyl-d14
 Concen: 75.175 ng
 RT: 19.927 min Scan# 2880
 Delta R.T. -0.018 min
 Lab File: BP020482.D
 Acq: 30 May 2024 11:31

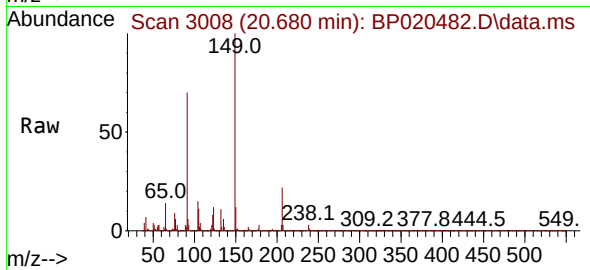
Tgt Ion:	244	Resp:	3518941
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.8
122	10.6	8.2	12.2





#80
Butylbenzylphthalate
Concen: 134.396 ng
RT: 20.680 min Scan# 3008
Delta R.T. 0.000 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

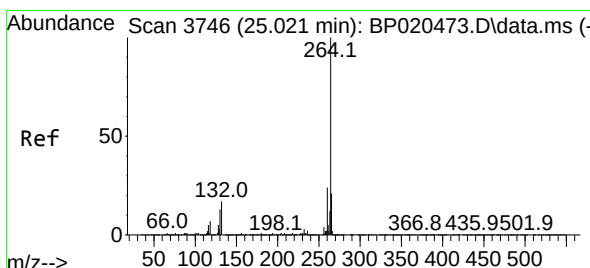
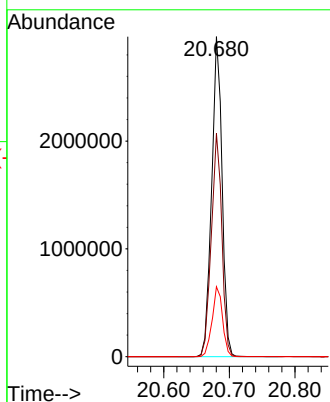
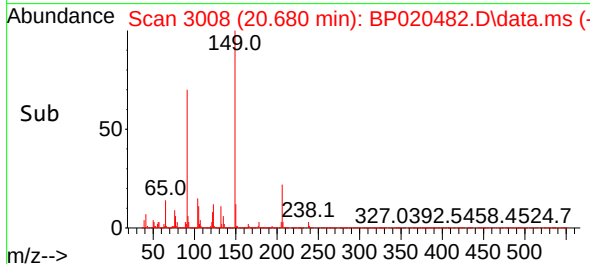
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL



Tgt Ion:149 Resp: 328123
Ion Ratio Lower Upper
149 100
91 69.7 60.0 90.0
206 21.9 16.6 25.0

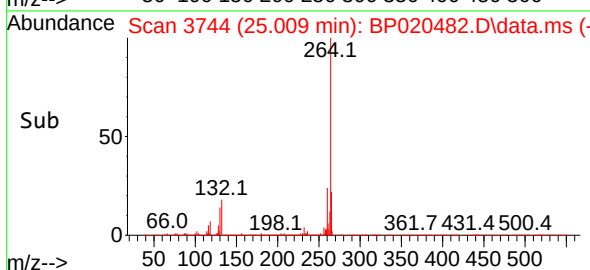
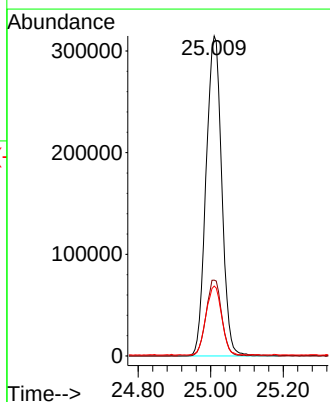
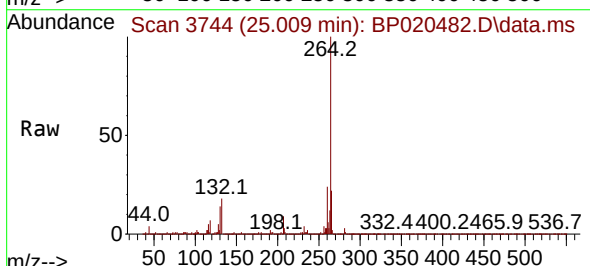
Manual Integrations
APPROVED

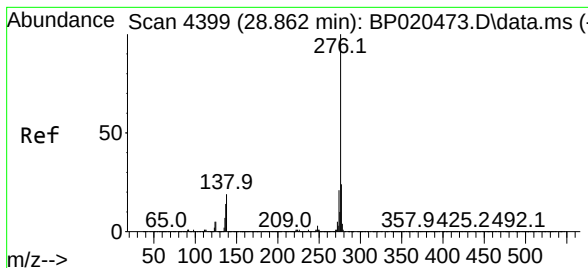
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3744
Delta R.T. -0.012 min
Lab File: BP020482.D
Acq: 30 May 2024 11:31

Tgt Ion:264 Resp: 943346
Ion Ratio Lower Upper
264 100
260 23.7 18.9 28.3
265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.310 ng m

RT: 28.827 min Scan# 41

Delta R.T. -0.035 min

Lab File: BP020482.D

Acq: 30 May 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOIL

Tgt Ion:276 Resp: 334488

Ion Ratio Lower Upper

276 100

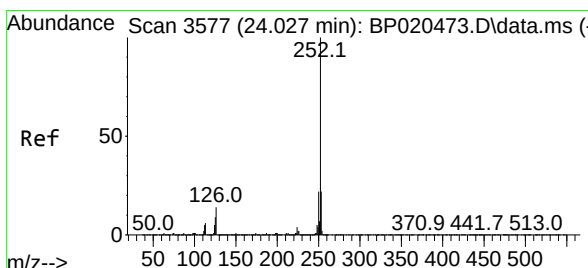
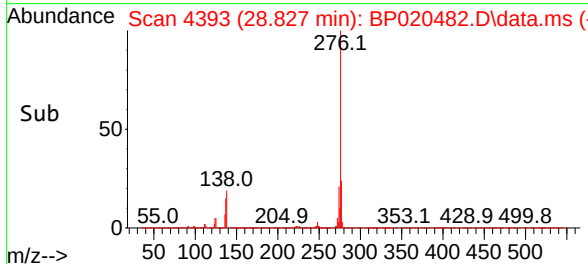
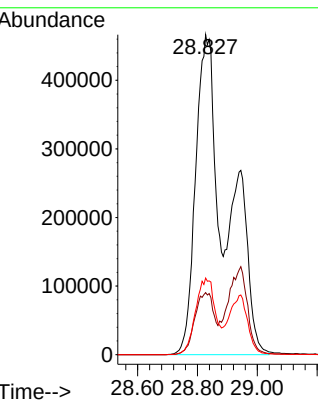
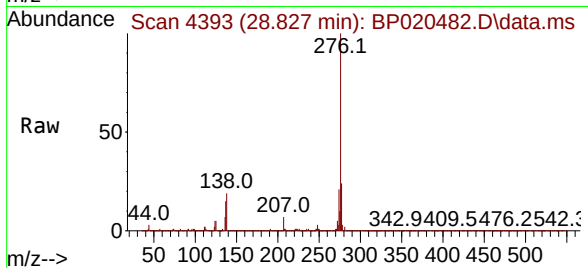
138 12.2 12.8 19.2

277 15.3 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: 67.616 ng

RT: 24.021 min Scan# 3576

Delta R.T. -0.006 min

Lab File: BP020482.D

Acq: 30 May 2024 11:31

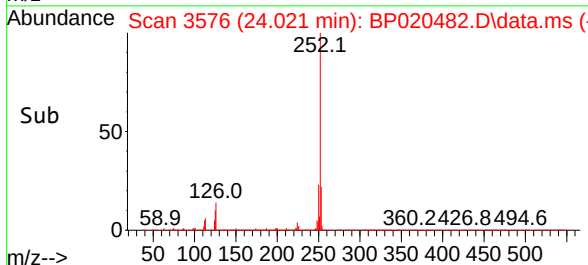
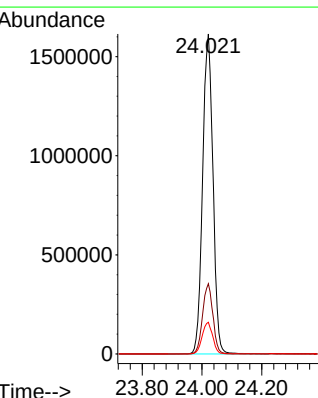
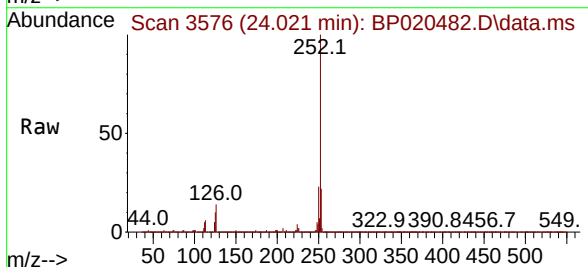
Tgt Ion:252 Resp: 3875683

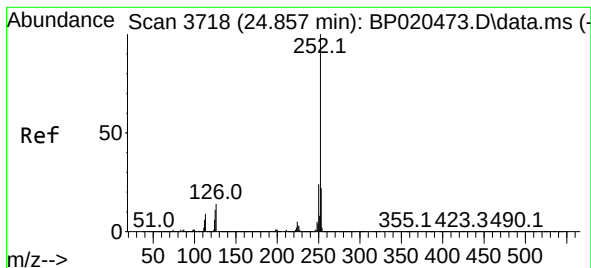
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 9.9 7.8 11.6





#90

Benzo(a)pyrene

Concen: 40.433 ng

RT: 24.857 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP020482.D

Acq: 30 May 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOIL

Tgt Ion:252 Resp: 196791

Ion Ratio Lower Upper

252 100

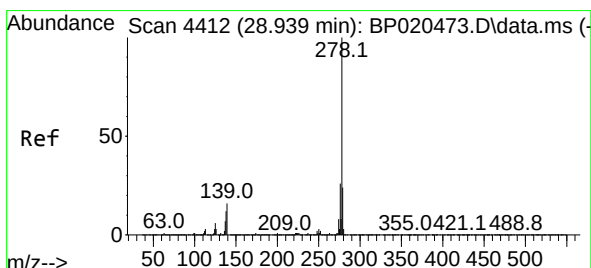
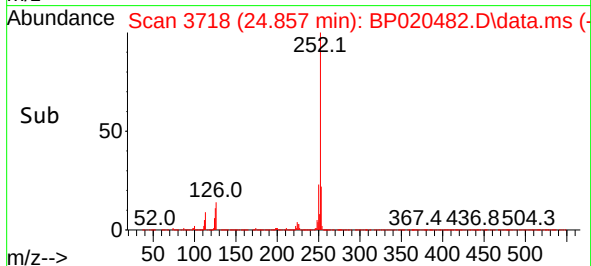
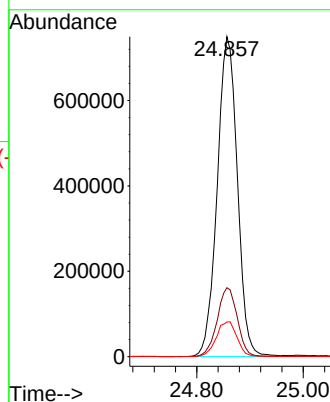
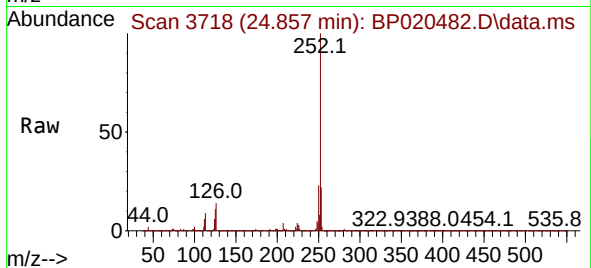
253 21.6 17.4 26.2

125 10.9 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: 106.524 ng

RT: 28.945 min Scan# 4413

Delta R.T. 0.006 min

Lab File: BP020482.D

Acq: 30 May 2024 11:31

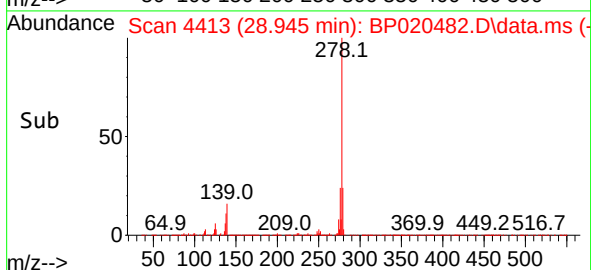
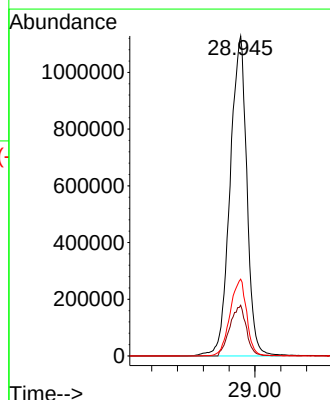
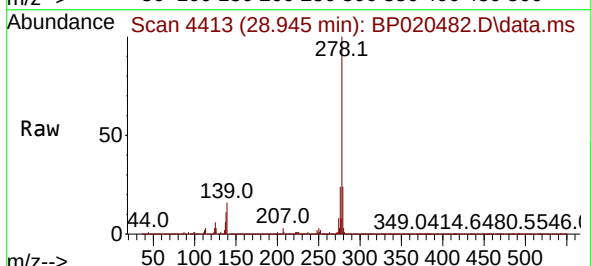
Tgt Ion:278 Resp: 5096838

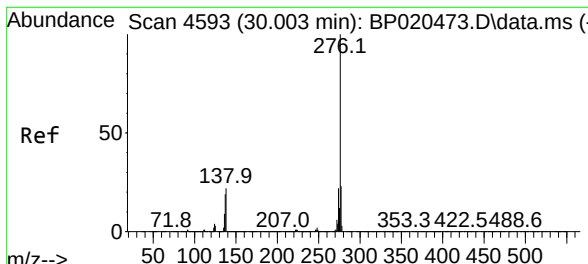
Ion Ratio Lower Upper

278 100

139 15.9 13.0 19.4

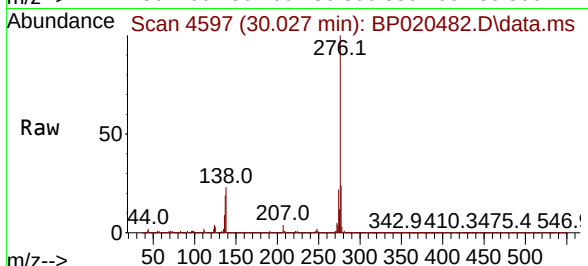
279 24.0 19.2 28.8





#92
 Benzo(g,h,i)perylene
 Concen: 70.485 ng
 RT: 30.027 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: BP020482.D
 Acq: 30 May 2024 11:31

Instrument : BNA_P
 ClientSampleId : PT-BNA-SOIL



Tgt Ion: 276 Resp: 337095

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.7	28.1
138	22.6	17.7	26.5

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

