

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032624\
 Data File : BP019994.D
 Acq On : 26 Mar 2024 12:01
 Operator : MA/JU
 Sample : P1601-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT1-2024-02

Quant Time: Mar 26 12:42:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 10:46:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :mohammad ahmed 03/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	119975	20.000	ng/u1	-0.03
20) Naphthalene-d8	10.352	136	487623	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.228	164	310219	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.063	188	651305	20.000	ng/u1	-0.01
79) Chrysene-d12	21.533	240	579496	20.000	ng/u1	-0.01
88) Perylene-d12	24.810	264	619858	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	13496	4.929	ng/uL	-0.01
4) Pyridine-d5	3.628	84	192374	23.267	ng/u1	-0.01
7) Phenol-d5	6.781	99	230290	22.759	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	6.958	67	153548	23.292	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.134	132	164760	22.673	ng/u1	-0.02
15) 4-Methylphenol-d8	8.287	113	170773	21.814	ng/u1	-0.02
21) Nitrobenzene-d5	8.740	128	85699	22.929	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.452	143	92794	22.190	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	9.981	165	162491	21.276	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.505	131	216901	21.786	ng/u1	-0.01
46) Dimethylphthalate-d6	13.657	166	488284	22.450	ng/u1	0.00
49) Acenaphthylene-d8	13.928	160	576540	22.692	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	64161	18.764	ng/u1	0.00
60) Fluorene-d10	15.257	176	428686	23.137	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	71316	18.293	ng/u1	-0.01
73) Anthracene-d10	17.169	188	602795	20.908	ng/u1	0.00
81) Pyrene-d10	19.557	212	741682	21.814	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.586	264	682902	22.932	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	3402	1.089	ng/uL#	88
5) Pyridine	3.646	79	35192	4.176	ng/u1#	54
6) Benzaldehyde	6.769	77	30744	6.144	ng/u1	93
8) Phenol	6.811	94	44621	4.218	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.046	93	36357	4.244	ng/u1	96
12) 2-Chlorophenol	7.164	128	32631	4.261	ng/u1	96
13) 2-Methylphenol	8.040	108	31442	4.123	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.122	45	53948	4.579	ng/u1	99
16) Acetophenone	8.411	105	56053	4.439	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.387	70	31326	4.448	ng/u1	97
18) 4-Methylphenol	8.352	108	34367	4.187	ng/u1	99
19) Hexachloroethane	8.640	117	15268	4.292	ng/u1	92
22) Nitrobenzene	8.781	77	48700	4.575	ng/u1	98
23) Isophorone	9.305	82	83569	4.211	ng/u1	96
25) 2-Nitrophenol	9.481	139	18375	4.215	ng/u1	98
26) 2,4-Dimethylphenol	9.540	107	30571m	3.212	ng/u1	
27) Bis(2-Chloroethoxy)met...	9.787	93	49347	4.253	ng/u1	99
29) 2,4-Dichlorophenol	10.010	162	30698	4.109	ng/u1	96
30) Naphthalene	10.405	128	109248	4.367	ng/u1	99
32) 4-Chloroaniline	10.528	127	40624	4.158	ng/u1	99
33) Hexachlorobutadiene	10.663	225	24296	4.127	ng/u1	96
34) Caprolactam	11.357	113	9934m	4.278	ng/u1	
35) 4-Chloro-3-methylphenol	11.669	107	31497	3.795	ng/u1	94
36) 2-Methylnaphthalene	12.028	142	72052	4.326	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.240	142	73560	4.416	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.404	216	42312	4.125	ng/ul	98
40) Hexachlorocyclopentadiene	12.357	237	22993	3.962	ng/ul	96
41) 2,4,6-Trichlorophenol	12.663	196	23891	3.792	ng/ul	98
42) 2,4,5-Trichlorophenol	12.740	196	26595	4.081	ng/ul	98
43) 1,1'-Biphenyl	13.051	154	96746	4.306	ng/ul	98
44) 2-Chloronaphthalene	13.093	162	77974	4.304	ng/ul	98
45) 2-Nitroaniline	13.334	65	22484	3.940	ng/ul	96
47) Dimethylphthalate	13.699	163	97036	4.420	ng/ul	99
48) 2,6-Dinitrotoluene	13.828	165	17136	3.844	ng/ul	93
50) Acenaphthylene	13.957	152	125101	4.403	ng/ul	99
51) 3-Nitroaniline	14.169	138	15547	3.787	ng/ul	96
52) Acenaphthene	14.304	153	82302	4.360	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	9188	3.622	ng/ul	93
55) 4-Nitrophenol	14.498	109	11126	3.546	ng/ul	96
56) Dibenzofuran	14.651	168	112088	4.373	ng/ul	95
57) 2,4-Dinitrotoluene	14.651	165	25533	4.190	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.893	232	22699	4.062	ng/ul#	95
59) Diethylphthalate	15.098	149	92480	4.248	ng/ul	98
61) Fluorene	15.316	166	93319	4.463	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.304	204	48384	4.320	ng/ul	96
63) 4-Nitroaniline	15.381	138	13623m	3.886	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	16461	3.978	ng/ul#	74
67) N-Nitrosodiphenylamine	15.545	169	73076	4.062	ng/ul	98
68) 4-Bromophenyl-phenylether	16.240	248	28381	4.015	ng/ul	97
69) Hexachlorobenzene	16.345	284	33028	4.208	ng/ul	99
70) Atrazine	16.534	200	28717	4.166	ng/ul	97
71) Pentachlorophenol	16.716	266	17844	3.878	ng/ul	94
72) Phenanthrene	17.110	178	146242	4.343	ng/ul	98
74) Anthracene	17.198	178	136901	4.004	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.010	216	41173	3.877	ng/uL	98
76) Pentachlorobenzene	14.551	250	42978	4.370	ng/uL	99
77) Carbazole	17.498	167	117118	4.006	ng/ul	98
78) Di-n-butylphthalate	18.087	149	139249	3.814	ng/ul	97
80) Fluoranthene	19.216	202	160594	4.021	ng/ul	97
82) Pyrene	19.592	202	170257	4.102	ng/ul	99
83) Butylbenzylphthalate	20.569	149	60506	3.590	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	45185	3.667	ng/ul	99
85) Benzo(a)anthracene	21.516	228	168512	4.202	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	87554	3.555	ng/ul	95
87) Chrysene	21.575	228	155976	4.183	ng/ul	99
89) Di-n-octyl phthalate	22.722	149	154417	3.928	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	155438	4.277	ng/ul	99
91) Benzo(k)fluoranthene	23.851	252	162659	4.404	ng/ul	99
93) Benzo(a)pyrene	24.657	252	152629	4.342	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.539	276	188713m	4.262	ng/ul	
95) Dibenzo(a,h)anthracene	28.627	278	146141	4.058	ng/ul	95
96) Benzo(g,h,i)perylene	29.698	276	151594m	4.239	ng/ul	

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

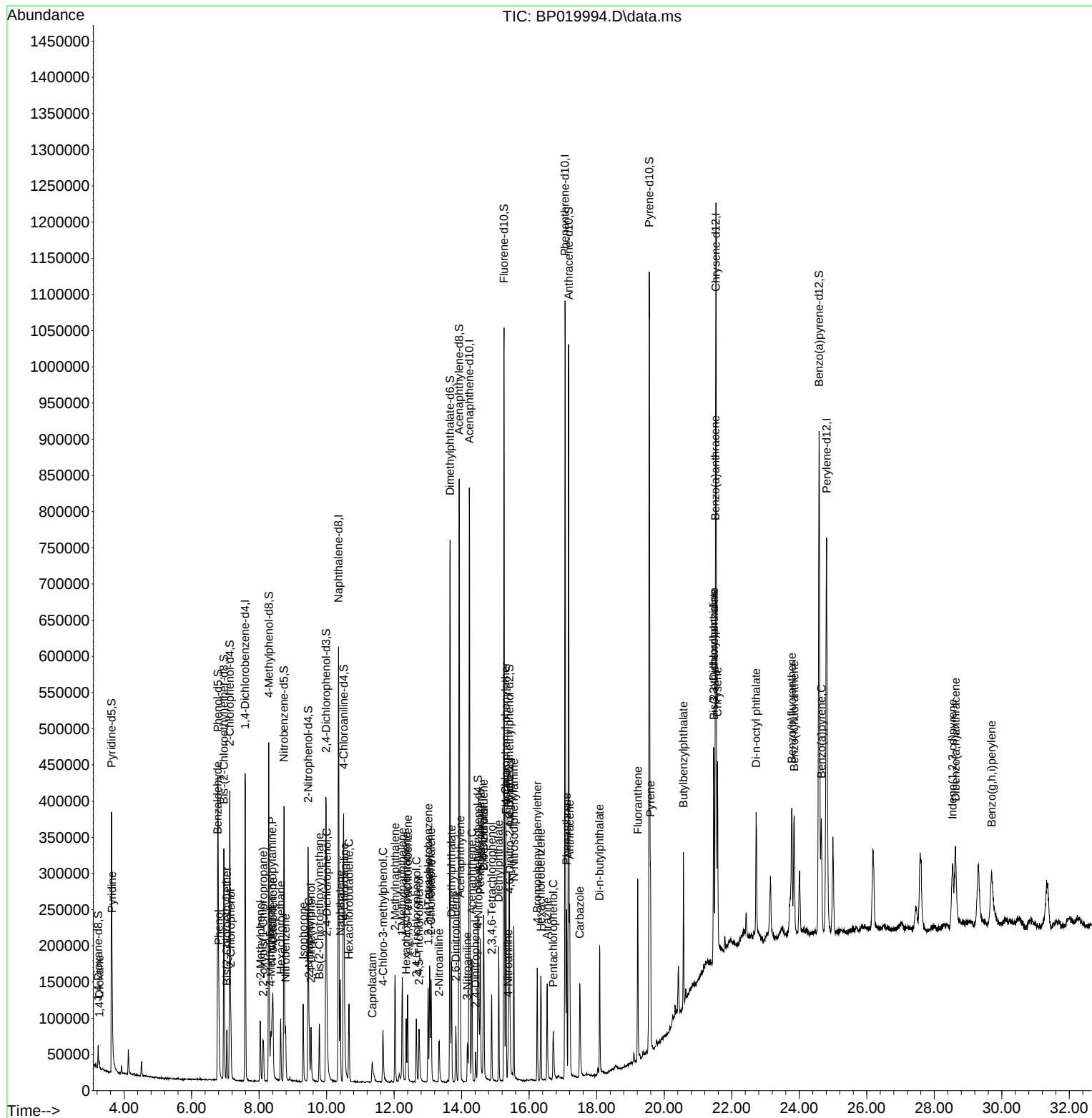
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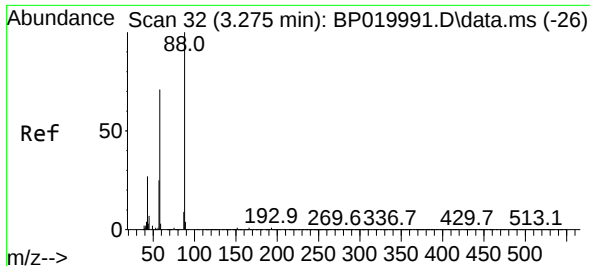
Instrument :
 BNA_P
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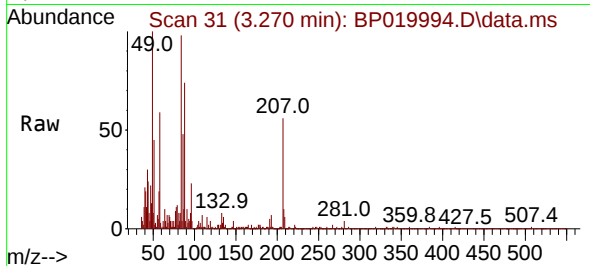
Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :mohammad ahmed 03/29/2024





#2
1,4-Dioxane
Concen: 1.089 ng/uL
RT: 3.270 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

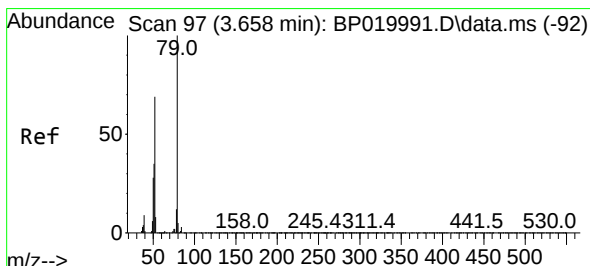
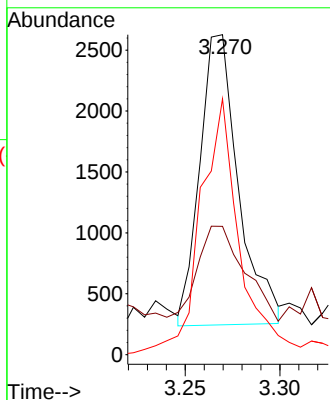
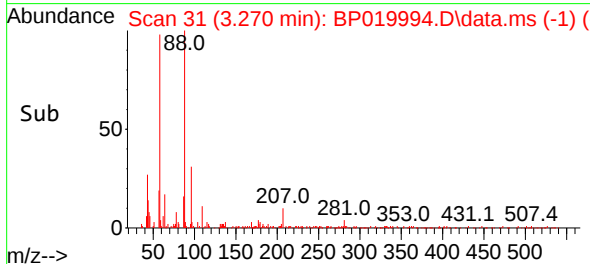
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion: 88 Resp: 3402
Ion Ratio Lower Upper
88 100
43 40.1 23.3 34.9
58 79.9 58.3 87.5

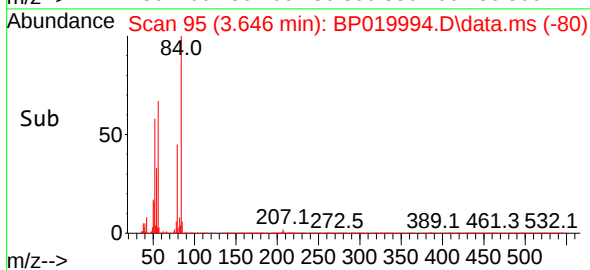
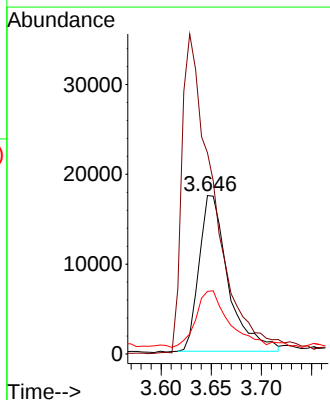
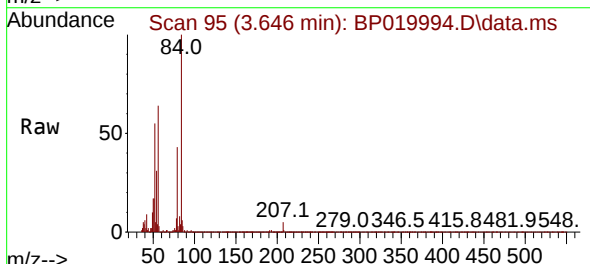
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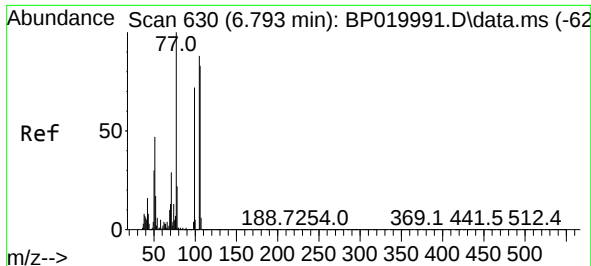
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#5
Pyridine
Concen: 4.176 ng/uL
RT: 3.646 min Scan# 95
Delta R.T. -0.012 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

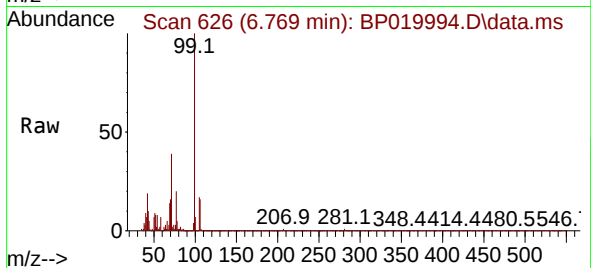
Tgt Ion: 79 Resp: 35192
Ion Ratio Lower Upper
79 100
52 127.0 57.9 86.9
51 39.6 28.2 42.2





#6
Benzaldehyde
Concen: 6.144 ng/ul
RT: 6.769 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

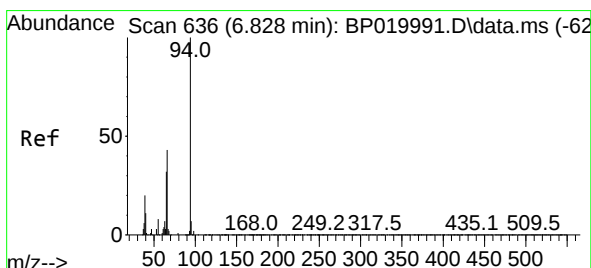
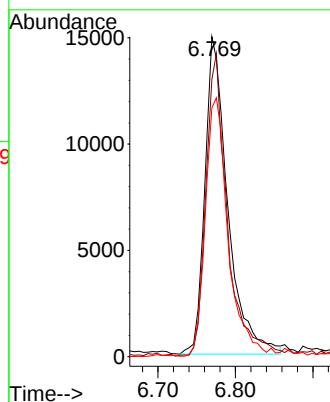
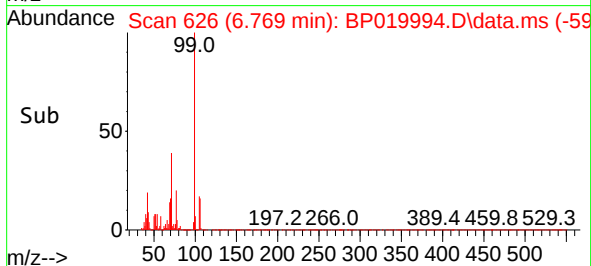
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion: 77 Resp: 30744
Ion Ratio Lower Upper
77 100
105 86.6 72.2 108.4
106 77.8 69.1 103.7

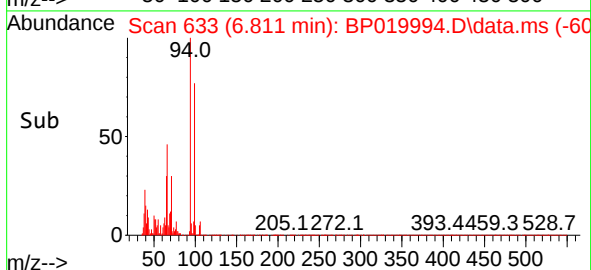
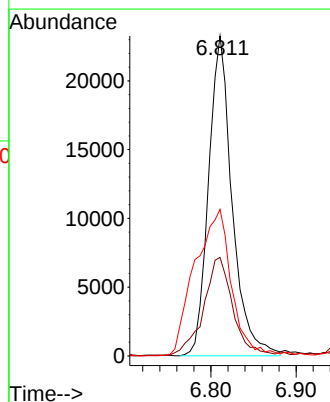
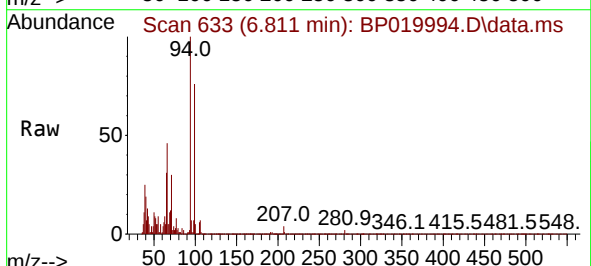
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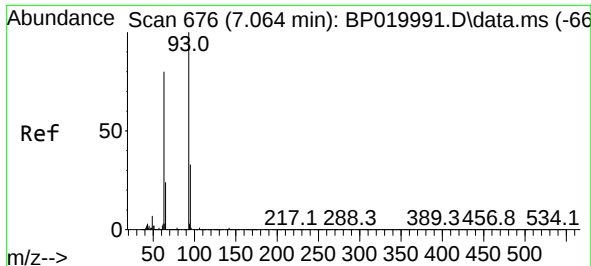
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#8
Phenol
Concen: 4.218 ng/ul
RT: 6.811 min Scan# 633
Delta R.T. -0.018 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

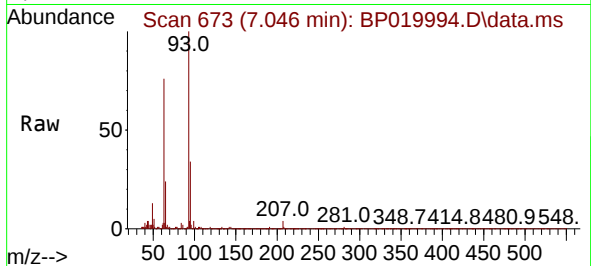
Tgt Ion: 94 Resp: 44621
Ion Ratio Lower Upper
94 100
65 30.8 23.8 35.8
66 45.8 33.2 49.8





#10
Bis(2-Chloroethyl)ether
Concen: 4.244 ng/ul
RT: 7.046 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

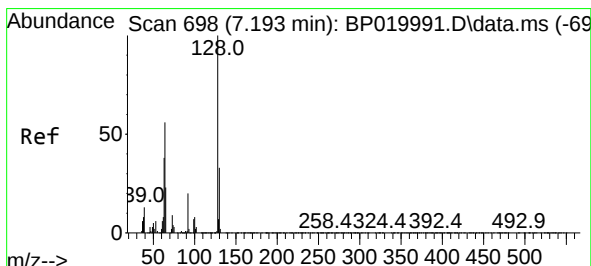
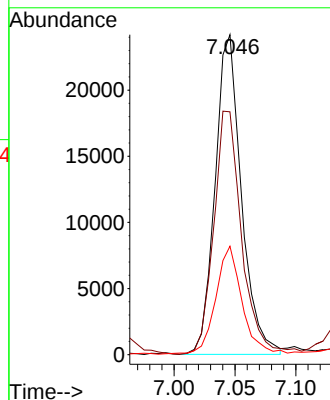
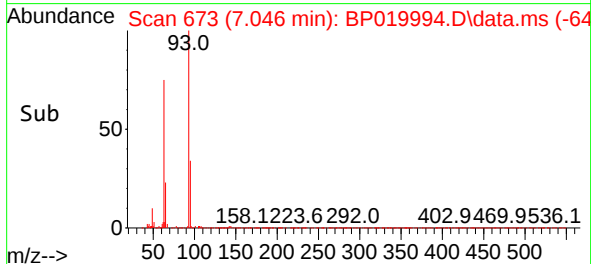
Instrument :
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Tgt Ion: 93 Resp: 3635
Ion Ratio Lower Upper
93 100
63 75.9 63.5 95.3
95 33.9 24.9 37.3

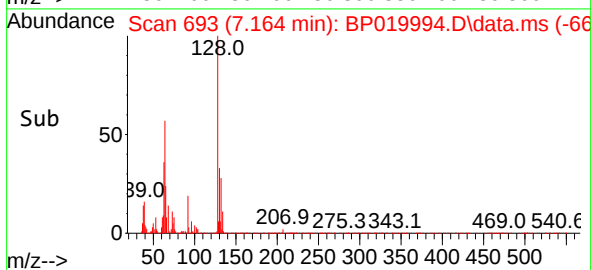
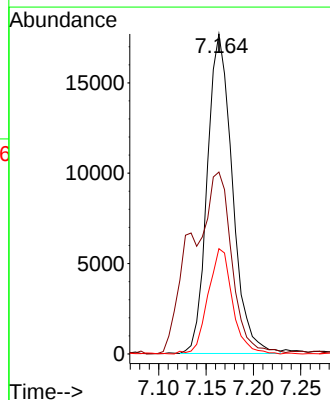
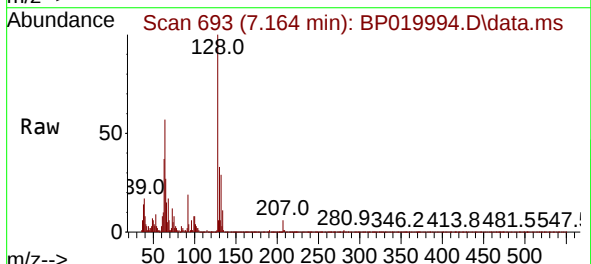
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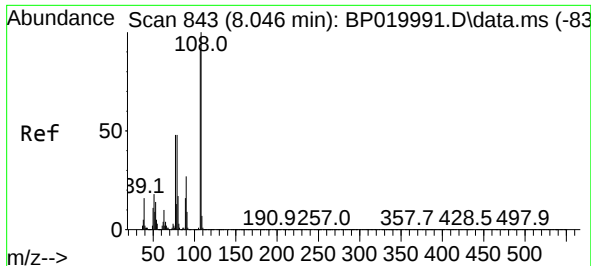
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#12
2-Chlorophenol
Concen: 4.261 ng/ul
RT: 7.164 min Scan# 693
Delta R.T. -0.024 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

Tgt Ion:128 Resp: 32631
Ion Ratio Lower Upper
128 100
64 56.9 42.5 63.7
130 32.9 25.0 37.4





#13

2-Methylphenol

Concen: 4.123 ng/ul

RT: 8.040 min Scan# 843

Delta R.T. -0.018 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-02

Tgt Ion:108 Resp: 3144

Ion Ratio Lower Upper

108 100

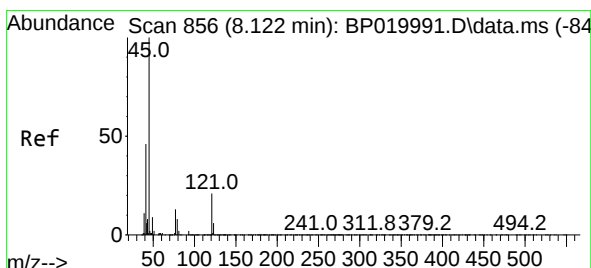
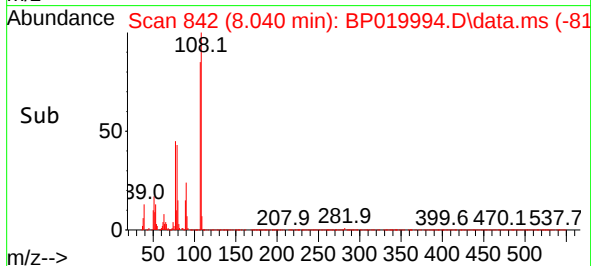
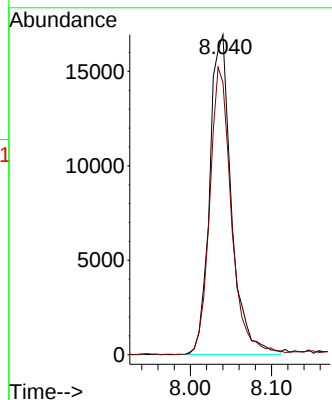
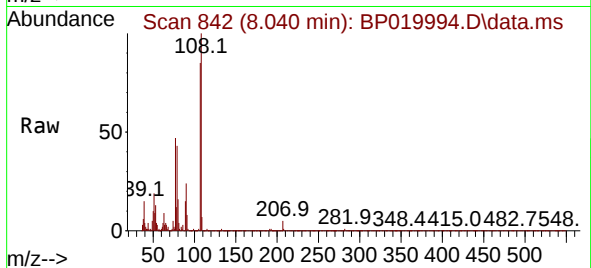
107 85.0 72.3 108.5

Manual Integrations

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Supervised By :mohammad ahmed 03/29/2024



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.579 ng/ul

RT: 8.122 min Scan# 856

Delta R.T. -0.012 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

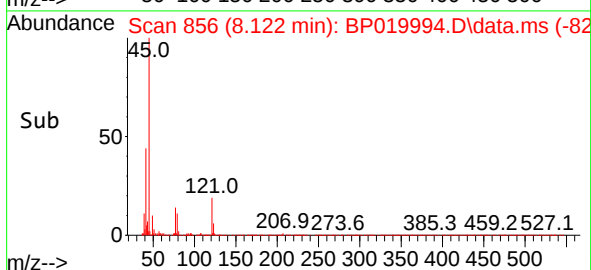
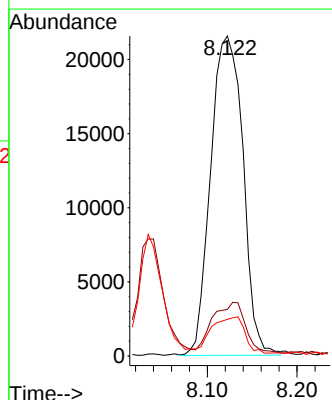
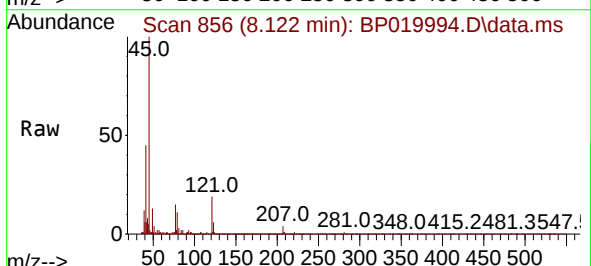
Tgt Ion: 45 Resp: 53948

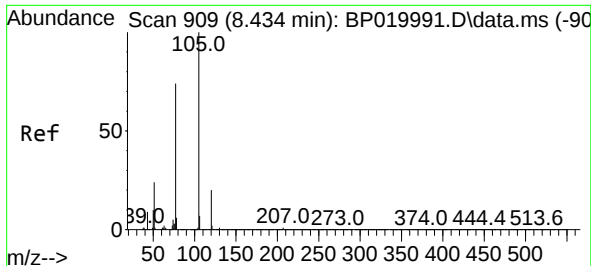
Ion Ratio Lower Upper

45 100

77 14.6 12.3 18.5

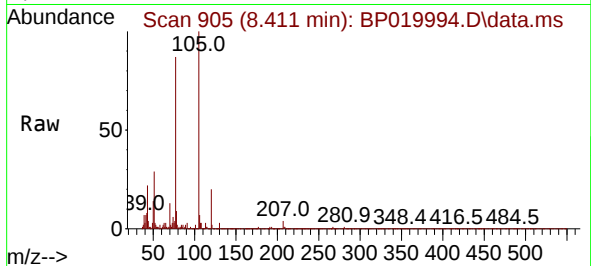
79 11.5 9.4 14.0





#16
Acetophenone
Concen: 4.439 ng/ul
RT: 8.411 min Scan# 905
Delta R.T. -0.024 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

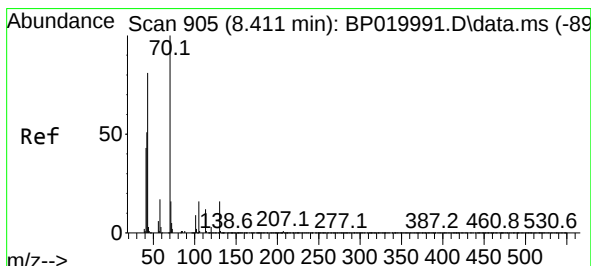
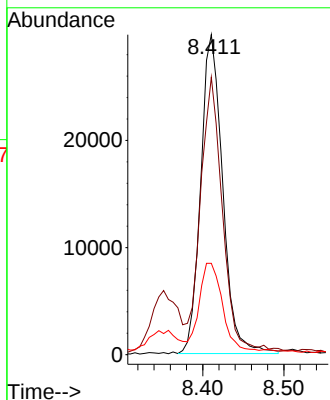
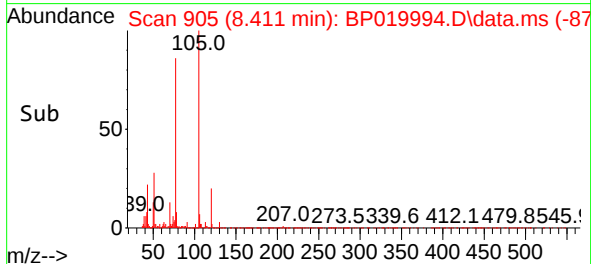
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:105 Resp: 5605
Ion Ratio Lower Upper
105 100
77 86.7 67.8 101.6
51 28.6 21.8 32.8

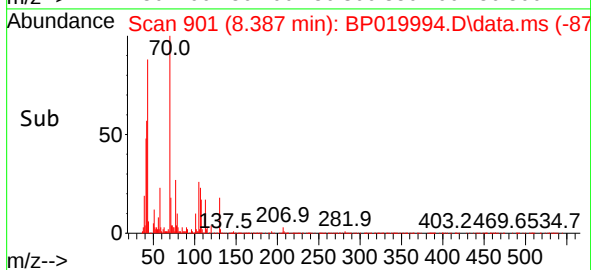
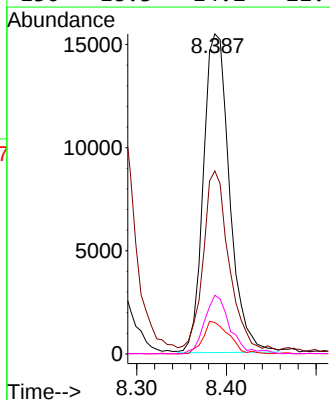
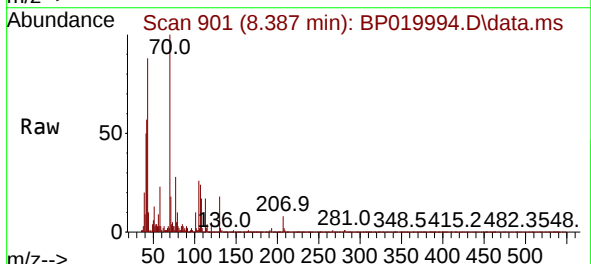
Manual Integrations
APPROVED

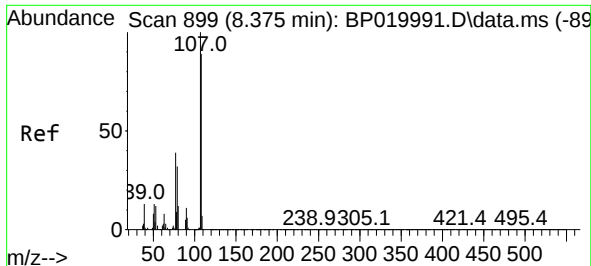
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.448 ng/ul
RT: 8.387 min Scan# 901
Delta R.T. -0.024 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

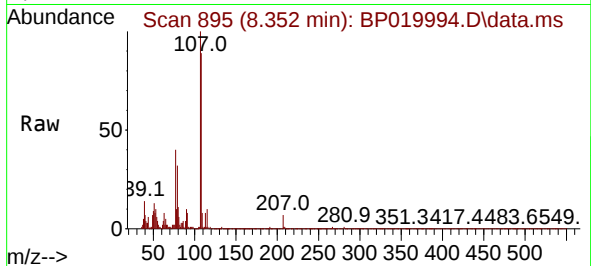
Tgt Ion: 70 Resp: 31326
Ion Ratio Lower Upper
70 100
42 57.2 43.1 64.7
101 9.9 7.7 11.5
130 18.3 14.2 21.4





#18
4-Methylphenol
Concen: 4.187 ng/ul
RT: 8.352 min Scan# 899
Delta R.T. -0.024 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

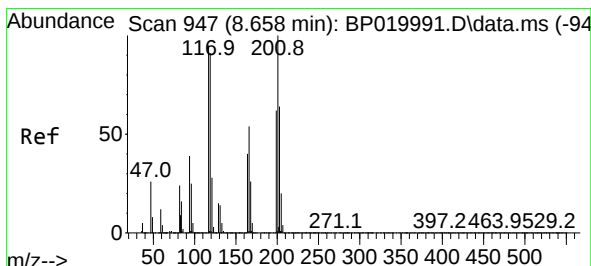
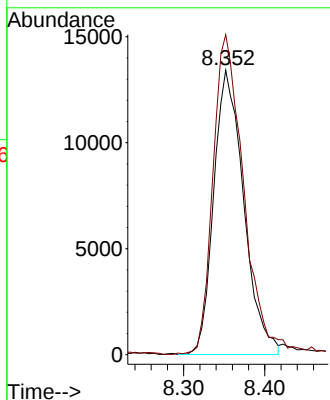
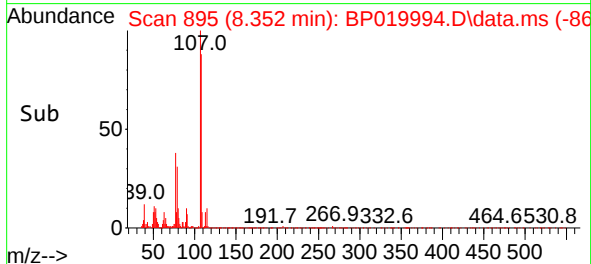
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:108 Resp: 3436
Ion Ratio Lower Upper
108 100
107 112.5 91.3 136.9

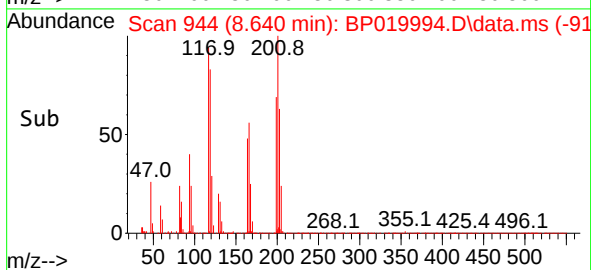
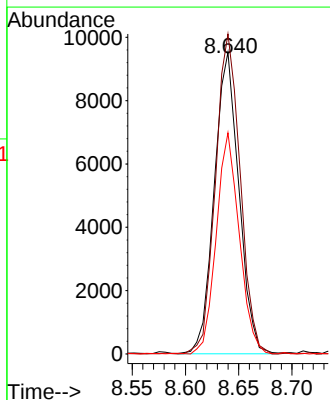
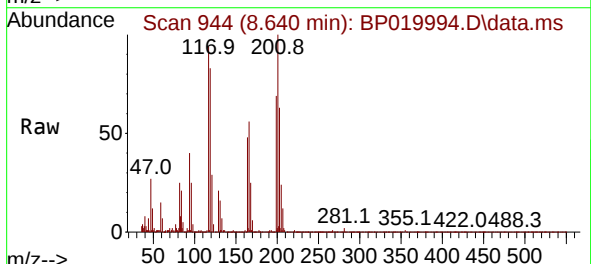
Manual Integrations
APPROVED

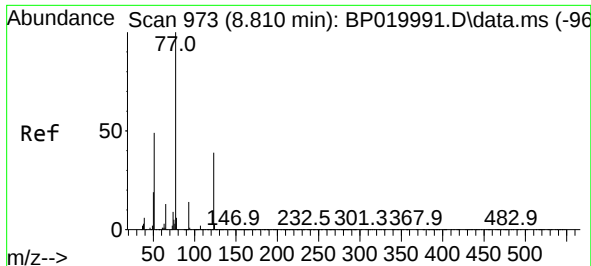
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#19
Hexachloroethane
Concen: 4.292 ng/ul
RT: 8.640 min Scan# 944
Delta R.T. -0.018 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

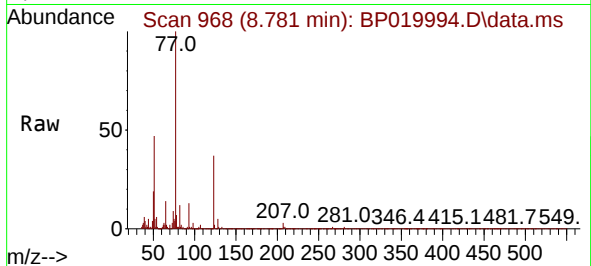
Tgt Ion:117 Resp: 15268
Ion Ratio Lower Upper
117 100
201 109.6 82.1 123.1
199 74.8 53.8 80.8





#22
Nitrobenzene
Concen: 4.575 ng/ul
RT: 8.781 min Scan# 90
Delta R.T. -0.024 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

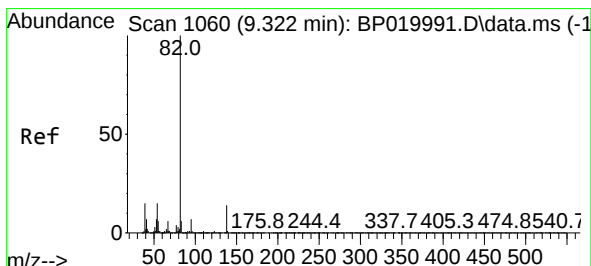
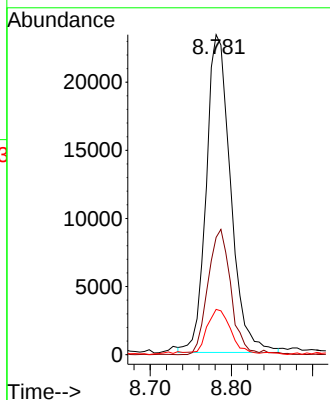
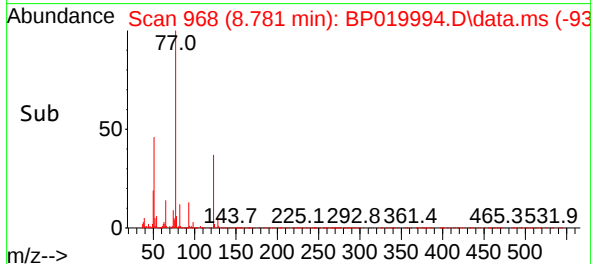
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion: 77 Resp: 48700
Ion Ratio Lower Upper
77 100
123 36.6 30.6 46.0
65 14.1 11.4 17.0

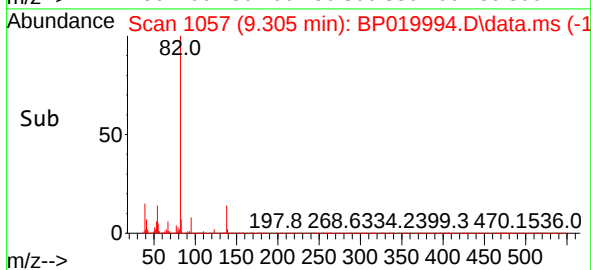
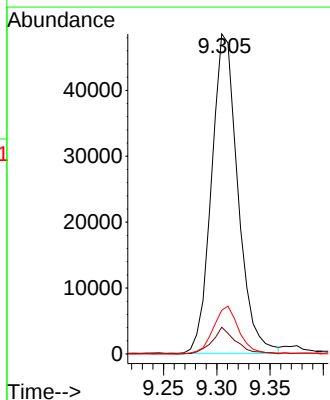
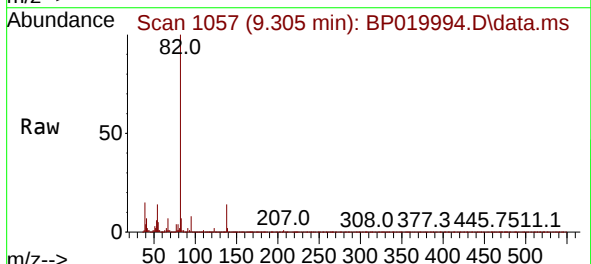
Manual Integrations
APPROVED

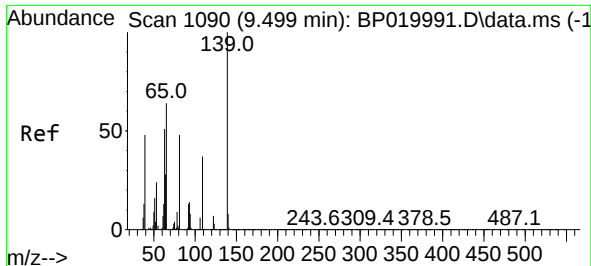
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#23
Isophorone
Concen: 4.211 ng/ul
RT: 9.305 min Scan# 1057
Delta R.T. -0.018 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

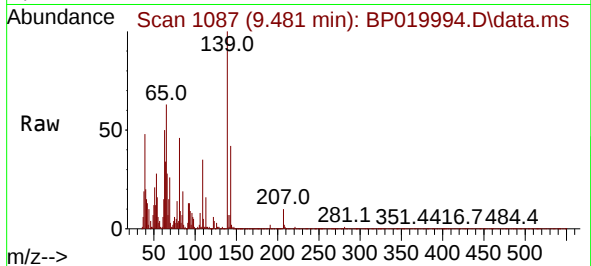
Tgt Ion: 82 Resp: 83569
Ion Ratio Lower Upper
82 100
95 8.4 5.6 8.4
138 13.6 12.1 18.1





#25
2-Nitrophenol
Concen: 4.215 ng/ul
RT: 9.481 min Scan# 1087
Delta R.T. -0.024 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

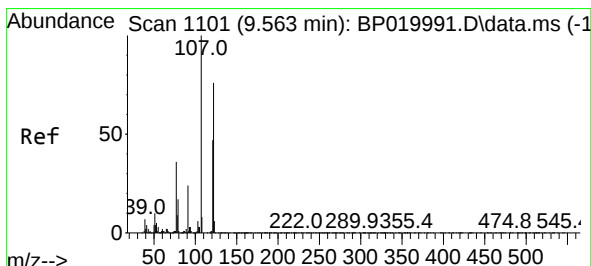
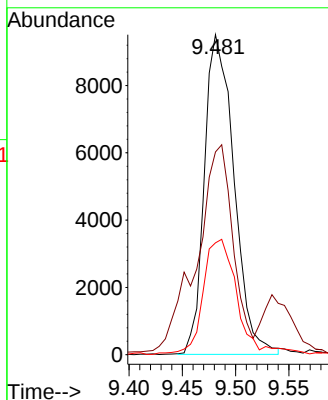
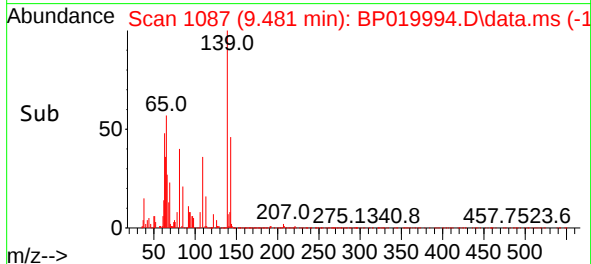
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



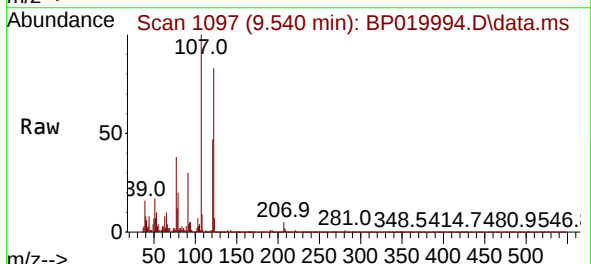
Tgt Ion:	139	Resp:	1837
Ion Ratio	Lower	Upper	
139	100		
65	63.3	49.0	73.6
109	34.9	27.8	41.6

Manual Integrations
APPROVED

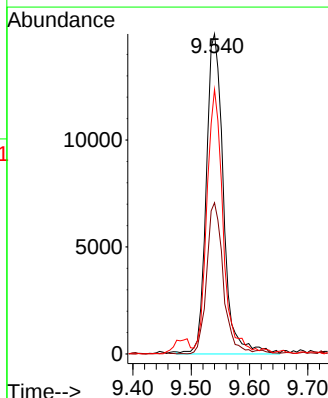
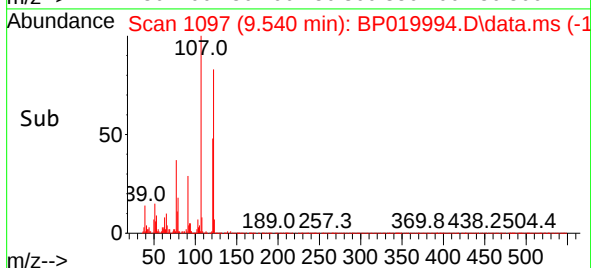
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024

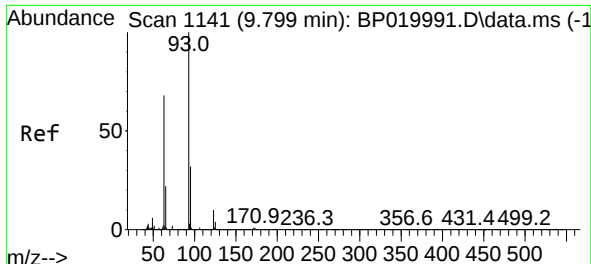


#26
2,4-Dimethylphenol
Concen: 3.212 ng/ul m
RT: 9.540 min Scan# 1097
Delta R.T. -0.018 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01



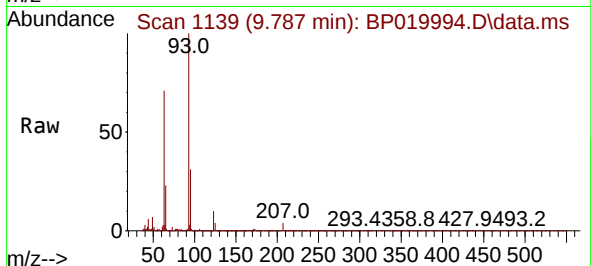
Tgt Ion:	107	Resp:	30571
Ion Ratio	Lower	Upper	
107	100		
121	47.3	37.4	56.2
122	82.7	63.3	94.9





#27
Bis(2-Chloroethoxy)methane
Concen: 4.253 ng/ul
RT: 9.787 min Scan# 1141
Delta R.T. -0.012 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

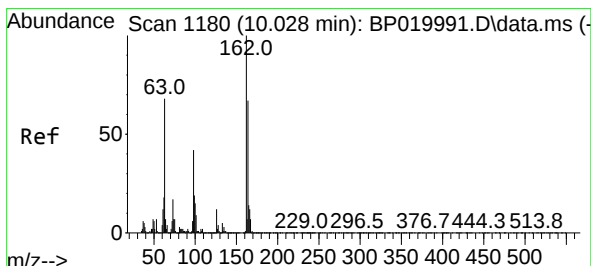
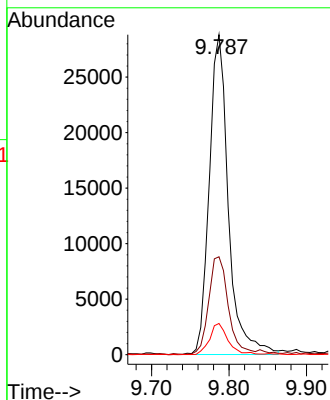
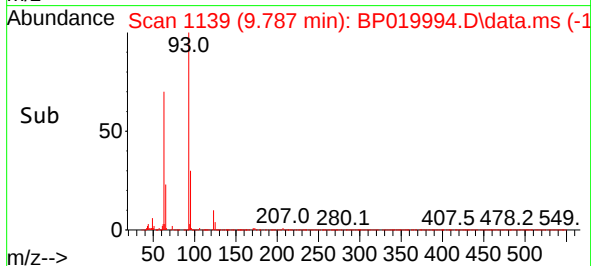
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion: 93 Resp: 4934
Ion Ratio Lower Upper
93 100
95 30.6 25.2 37.8
123 9.7 7.9 11.9

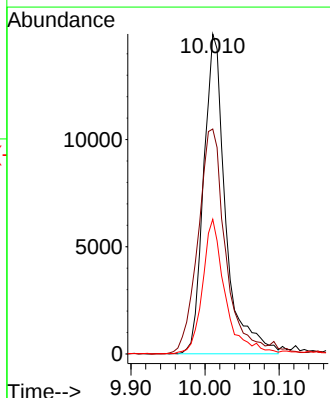
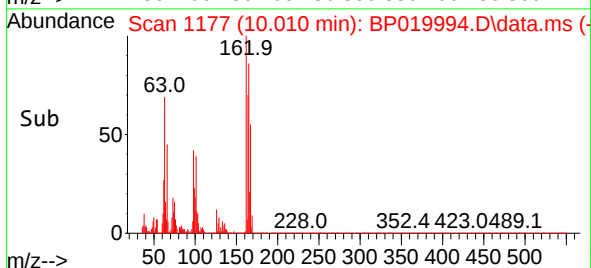
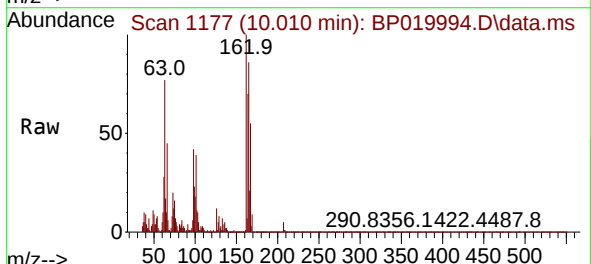
Manual Integrations
APPROVED

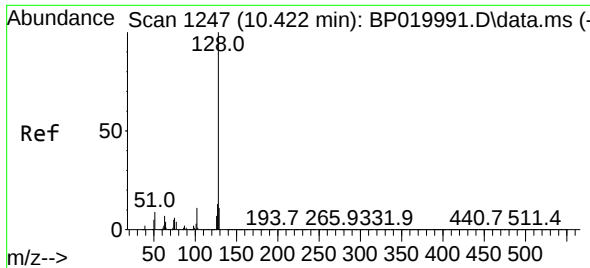
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#29
2,4-Dichlorophenol
Concen: 4.109 ng/ul
RT: 10.010 min Scan# 1177
Delta R.T. -0.018 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

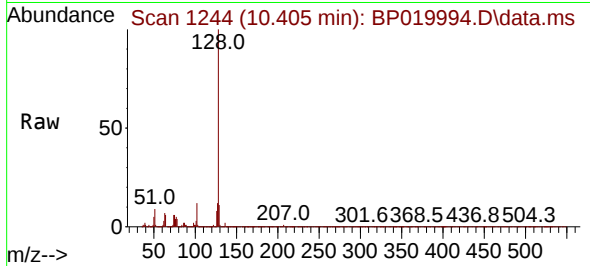
Tgt Ion:162 Resp: 30698
Ion Ratio Lower Upper
162 100
164 70.3 52.7 79.1
98 42.1 32.4 48.6





#30
Naphthalene
Concen: 4.367 ng/ul
RT: 10.405 min Scan# 1244
Delta R.T. -0.012 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

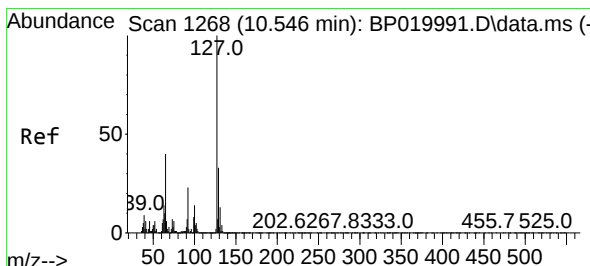
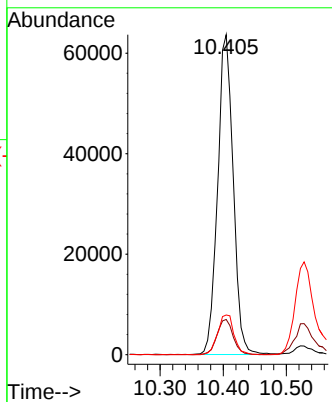
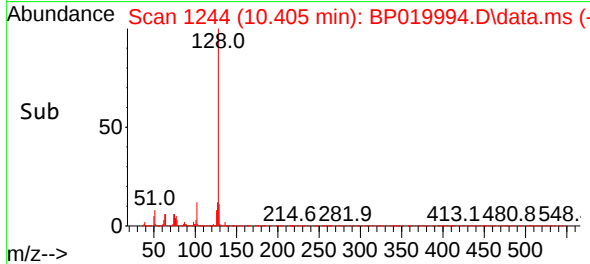
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:128 Resp: 10924
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.4 10.3 15.5

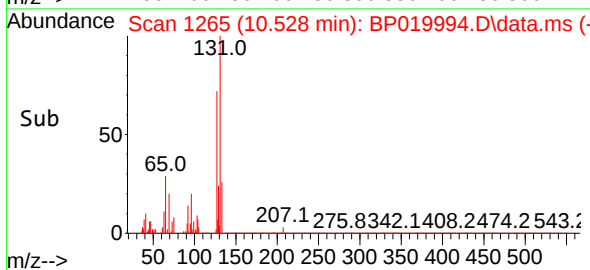
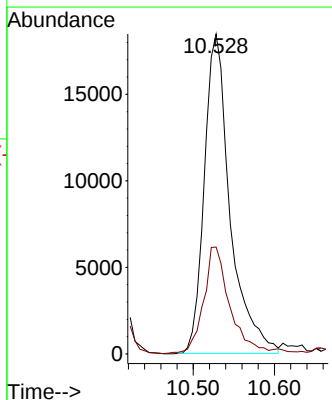
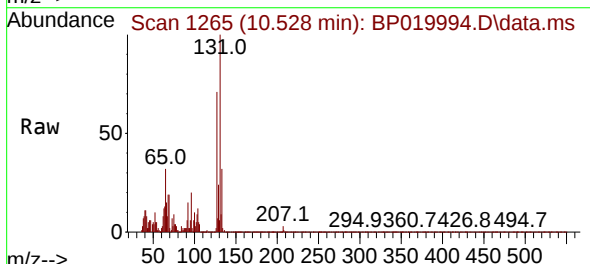
Manual Integrations
APPROVED

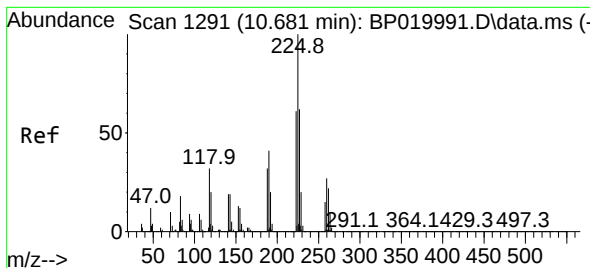
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#32
4-Chloroaniline
Concen: 4.158 ng/ul
RT: 10.528 min Scan# 1265
Delta R.T. -0.018 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

Tgt Ion:127 Resp: 40624
Ion Ratio Lower Upper
127 100
129 33.4 26.2 39.2





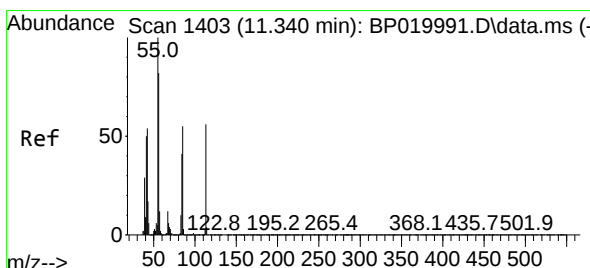
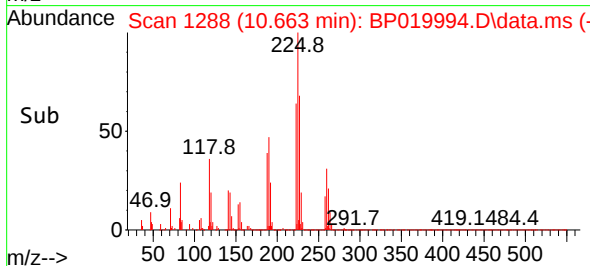
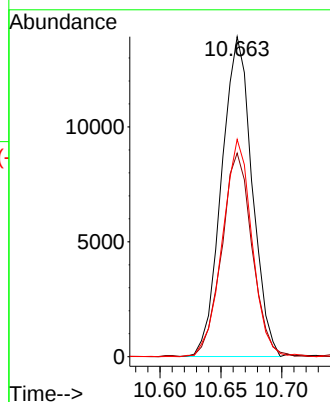
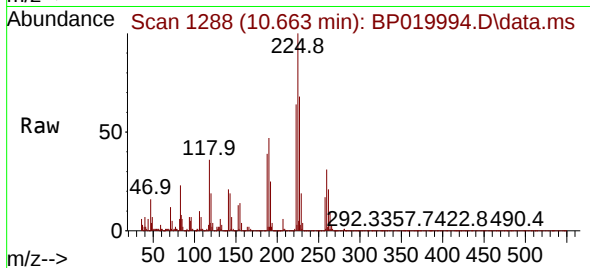
#33
Hexachlorobutadiene
Concen: 4.127 ng/ul
RT: 10.663 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02

Tgt Ion:225 Resp: 24290
Ion Ratio Lower Upper
225 100
223 63.6 50.5 75.7
227 67.9 50.3 75.5

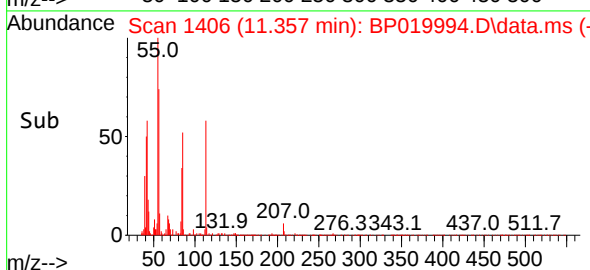
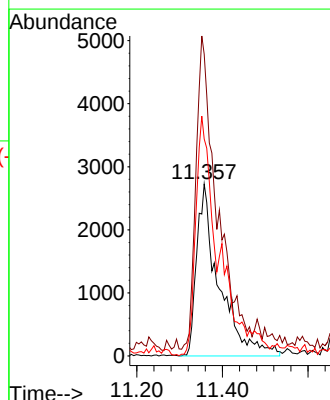
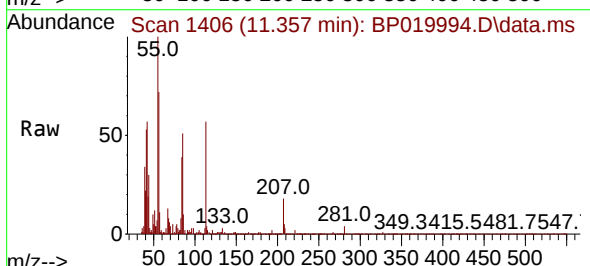
Manual Integrations
APPROVED

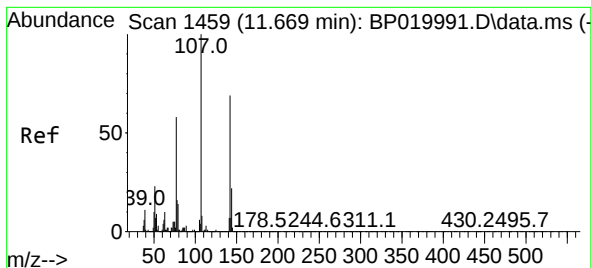
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#34
Caprolactam
Concen: 4.278 ng/ul m
RT: 11.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

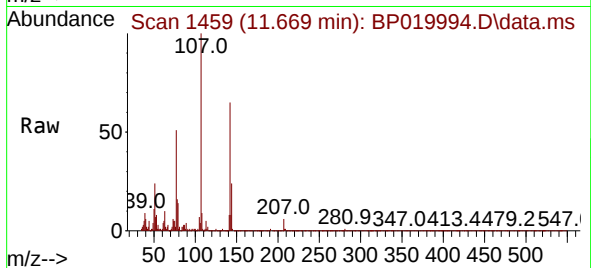
Tgt Ion:113 Resp: 9934
Ion Ratio Lower Upper
113 100
55 175.4 149.5 224.3
56 126.1 114.6 172.0





#35
4-Chloro-3-methylphenol
Concen: 3.795 ng/ul
RT: 11.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

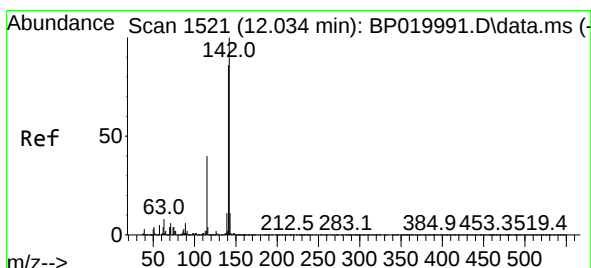
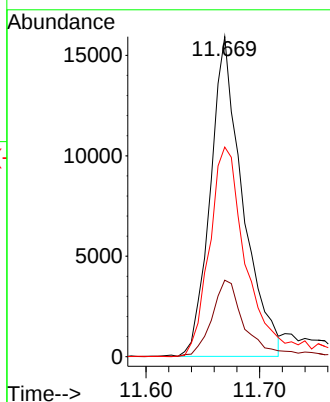
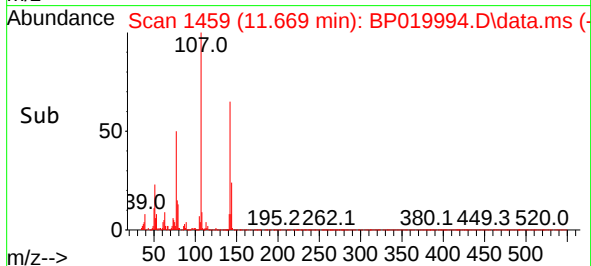
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:107 Resp: 3149
Ion Ratio Lower Upper
107 100
144 23.9 19.0 28.4
142 65.5 57.8 86.6

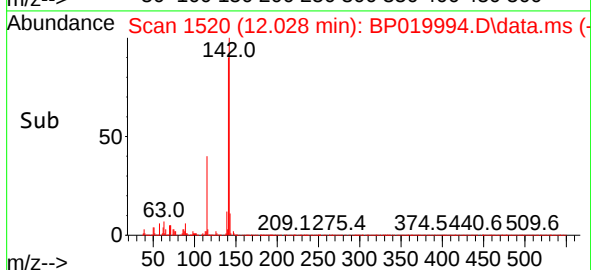
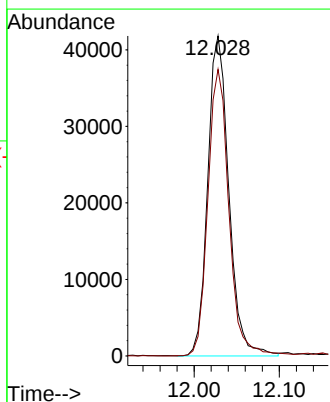
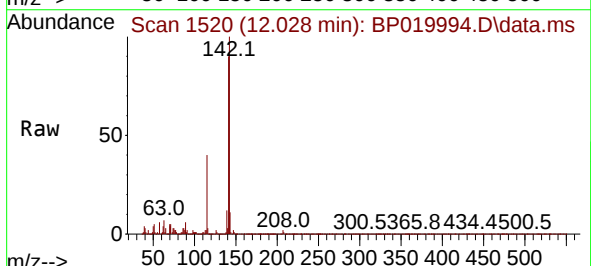
Manual Integrations
APPROVED

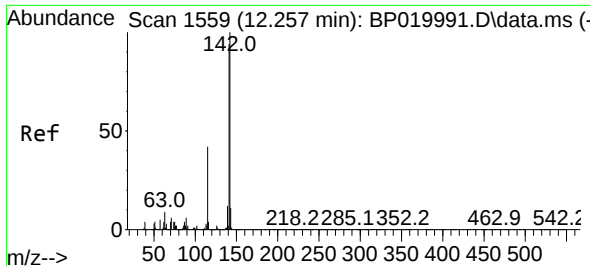
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#36
2-Methylnaphthalene
Concen: 4.326 ng/ul
RT: 12.028 min Scan# 1520
Delta R.T. -0.000 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

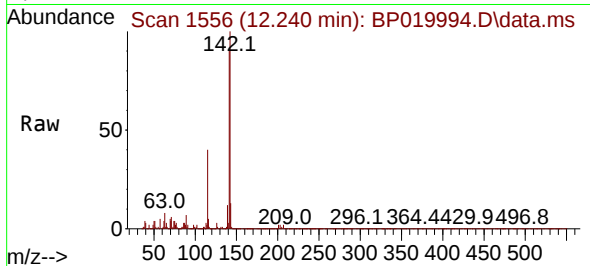
Tgt Ion:142 Resp: 72052
Ion Ratio Lower Upper
142 100
141 89.6 71.8 107.8





#37
1-Methylnaphthalene
Concen: 4.416 ng/ul
RT: 12.240 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

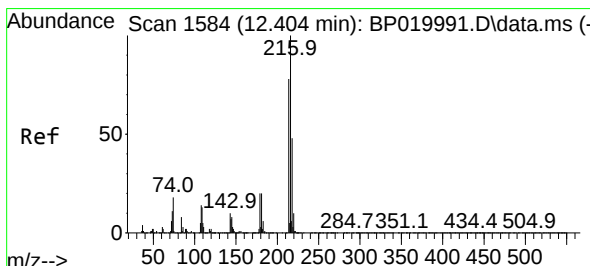
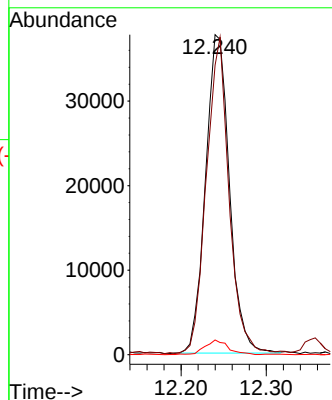
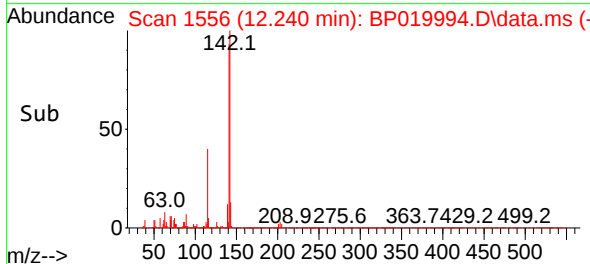
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



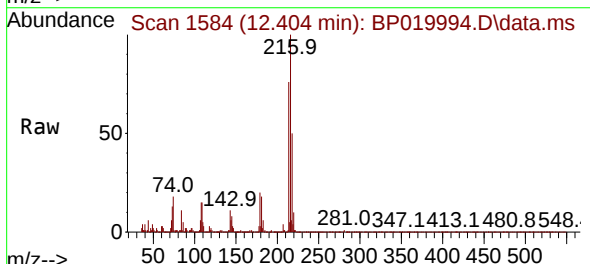
Tgt Ion:142 Resp: 73560
Ion Ratio Lower Upper
142 100
141 90.5 73.2 109.8
116 4.6 3.4 5.0

Manual Integrations
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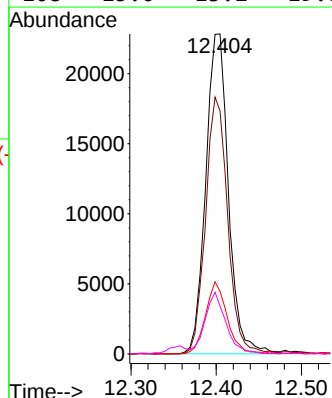
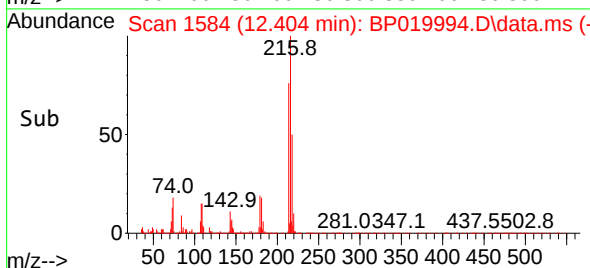
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024

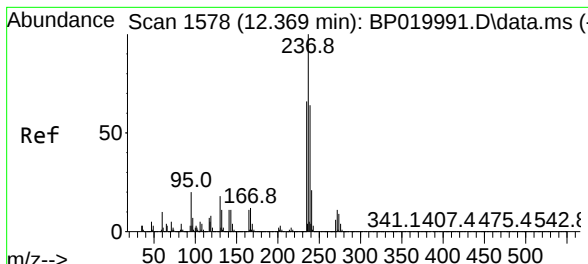


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.125 ng/ul
RT: 12.404 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01



Tgt Ion:216 Resp: 42312
Ion Ratio Lower Upper
216 100
214 75.9 62.1 93.1
179 19.6 16.6 24.8
108 15.0 13.2 19.8





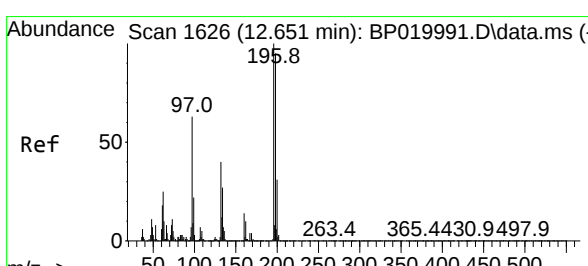
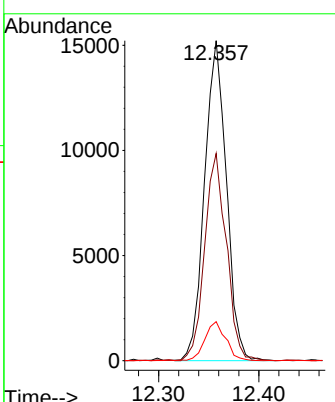
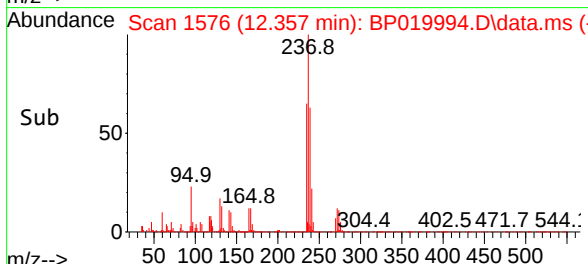
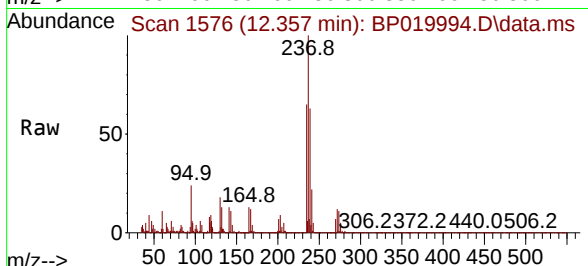
#40
 Hexachlorocyclopentadiene
 Concen: 3.962 ng/ul
 RT: 12.357 min Scan# 1576
 Delta R.T. -0.006 min
 Lab File: BP019994.D
 Acq: 26 Mar 2024 12:01

Instrument : BNA_P
 ClientSampleId : MDL-SOIL-QT1-2024-02

Tgt Ion:	237	Resp:	2299
Ion Ratio	Lower	Upper	
237	100		
235	64.8	49.7	74.5
272	13.4	9.4	14.2

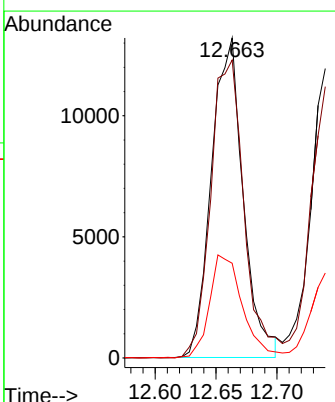
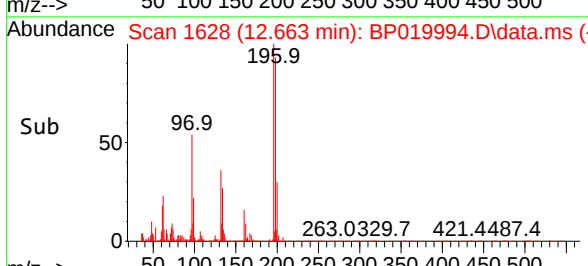
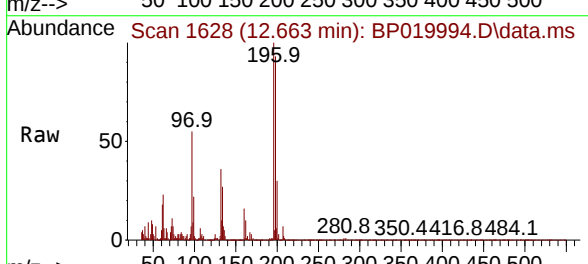
Manual Integrations
 APPROVED

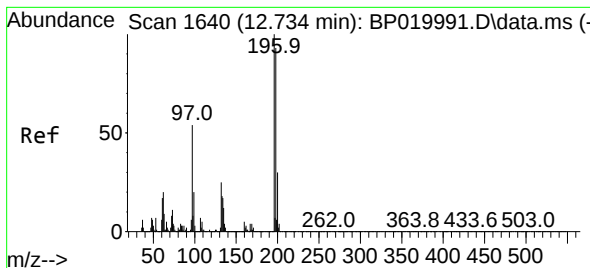
Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :mohammad ahmed 03/29/2024



#41
 2,4,6-Trichlorophenol
 Concen: 3.792 ng/ul
 RT: 12.663 min Scan# 1628
 Delta R.T. 0.006 min
 Lab File: BP019994.D
 Acq: 26 Mar 2024 12:01

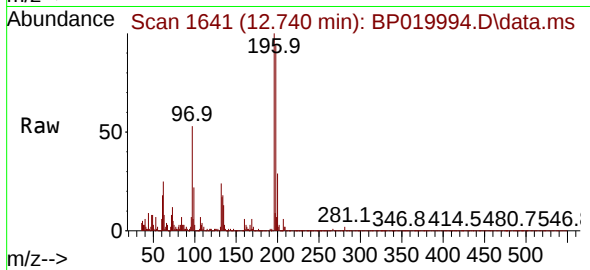
Tgt Ion:	196	Resp:	23891
Ion Ratio	Lower	Upper	
196	100		
198	93.1	75.8	113.8
200	29.6	25.0	37.4





#42
2,4,5-Trichlorophenol
Concen: 4.081 ng/ul
RT: 12.740 min Scan# 1640
Delta R.T. 0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

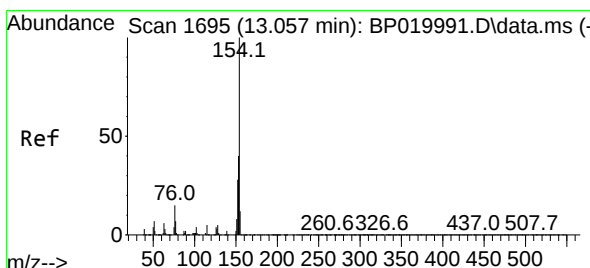
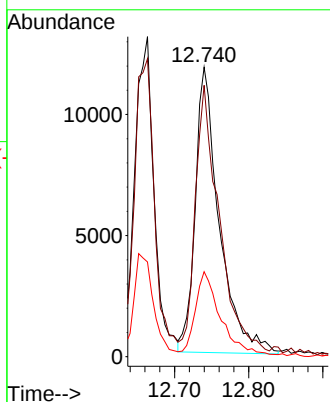
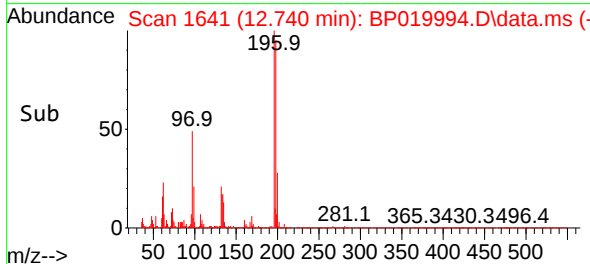
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:196 Resp: 2659
Ion Ratio Lower Upper
196 100
198 93.7 77.3 115.9
200 31.2 25.1 37.7

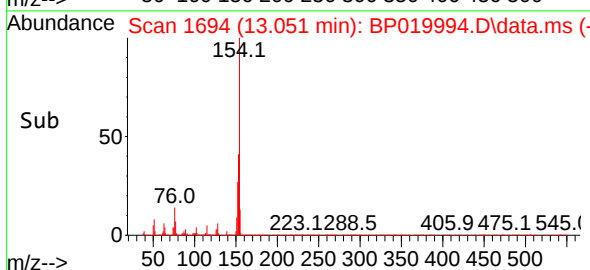
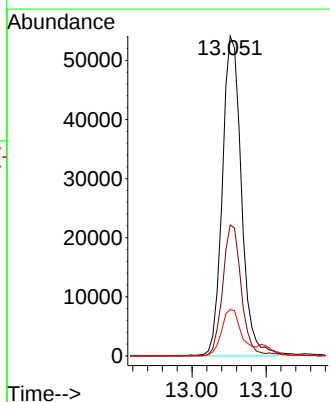
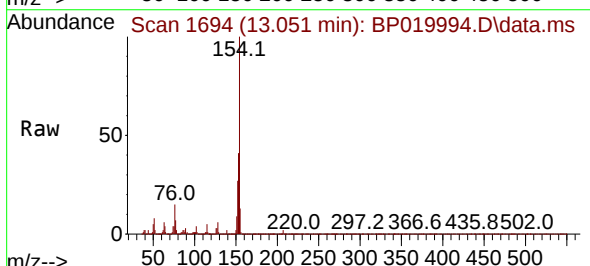
Manual Integrations
APPROVED

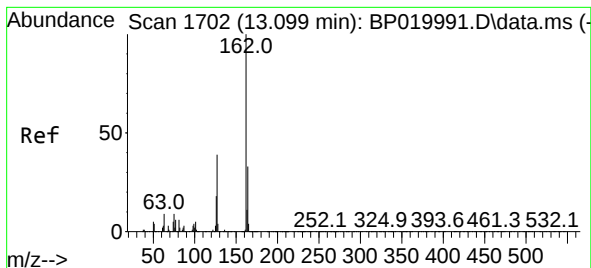
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#43
1,1'-Biphenyl
Concen: 4.306 ng/ul
RT: 13.051 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

Tgt Ion:154 Resp: 96746
Ion Ratio Lower Upper
154 100
153 40.9 31.6 47.4
76 14.5 11.4 17.0





#44

2-Chloronaphthalene

Concen: 4.304 ng/ul

RT: 13.093 min Scan# 1702

Delta R.T. -0.012 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-02

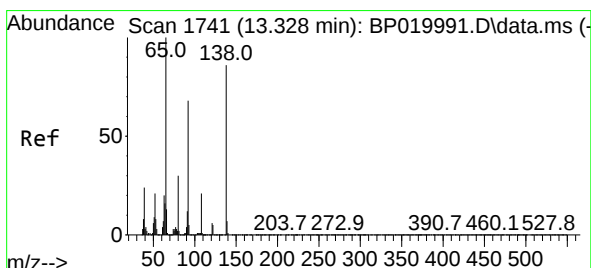
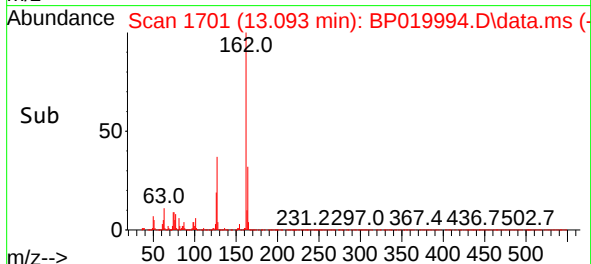
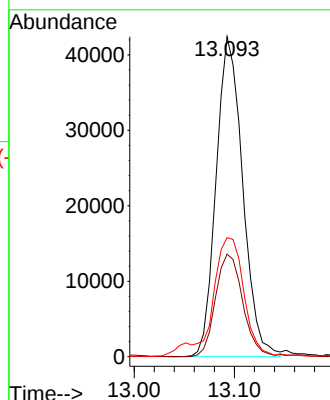
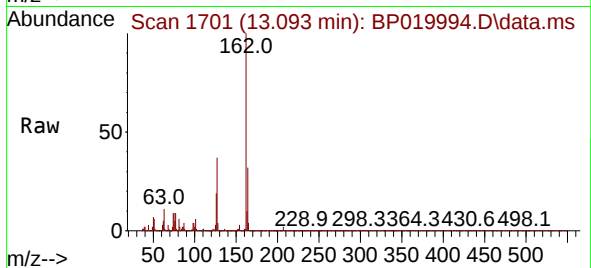
Tgt Ion:162	Resp:	77974
Ion Ratio	Lower	Upper
162	100	
164	32.1	25.8 38.8
127	37.2	31.4 47.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/29/2024

Supervised By :mohammad ahmed 03/29/2024



#45

2-Nitroaniline

Concen: 3.940 ng/ul

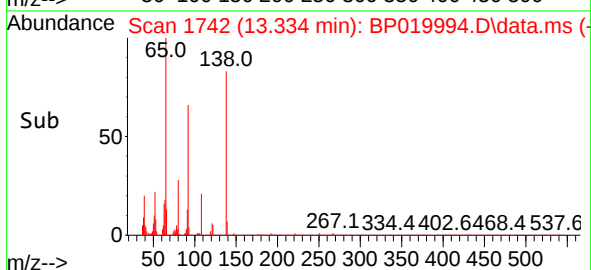
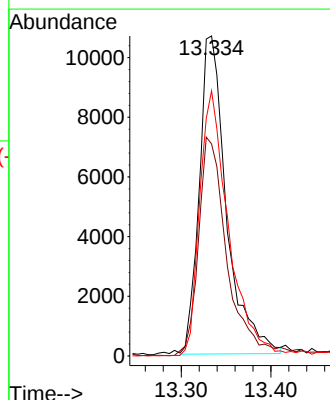
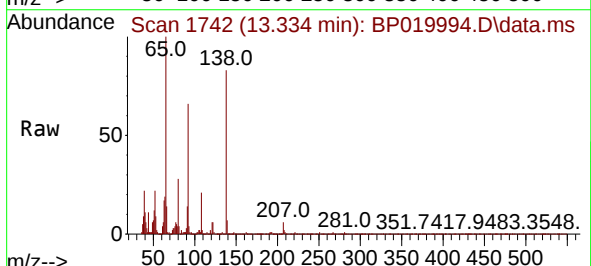
RT: 13.334 min Scan# 1742

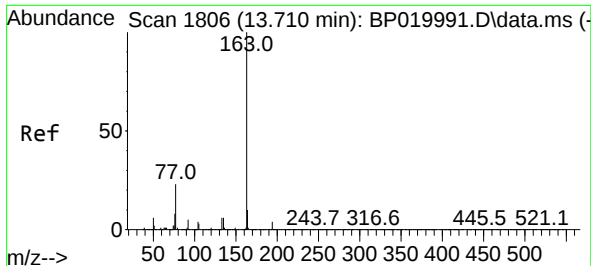
Delta R.T. 0.006 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

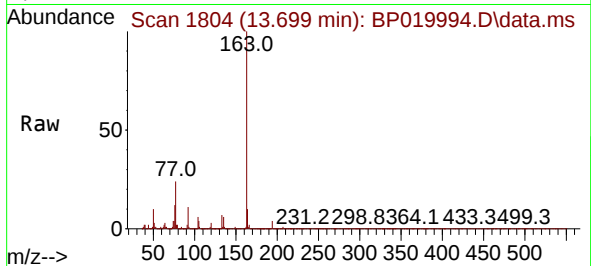
Tgt Ion: 65	Resp:	22484
Ion Ratio	Lower	Upper
65	100	
92	66.3	51.8 77.6
138	82.9	70.6 106.0





#47
Dimethylphthalate
Concen: 4.420 ng/ul
RT: 13.699 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

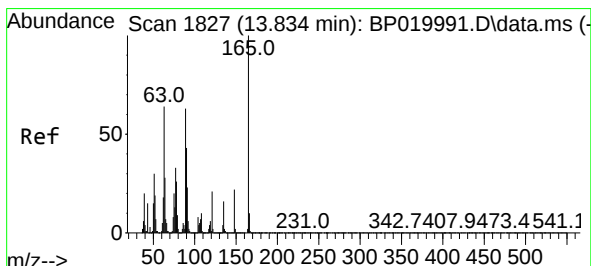
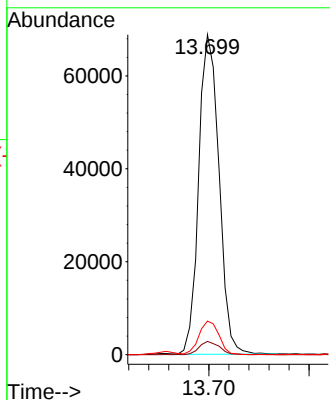
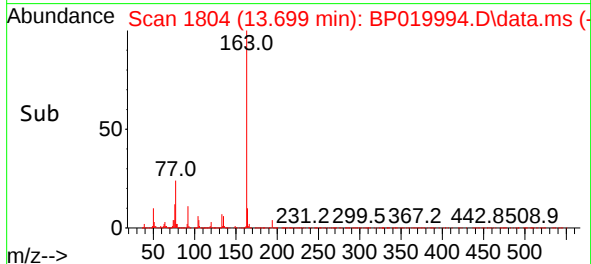
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



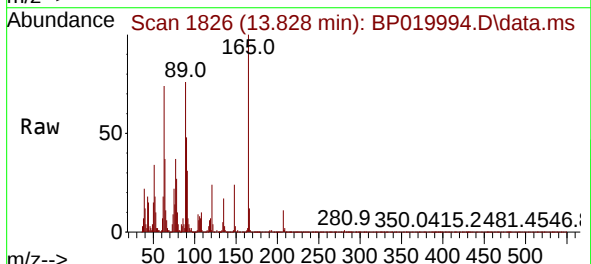
Tgt Ion:163 Resp: 97030
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.5 8.0 12.0

Manual Integrations
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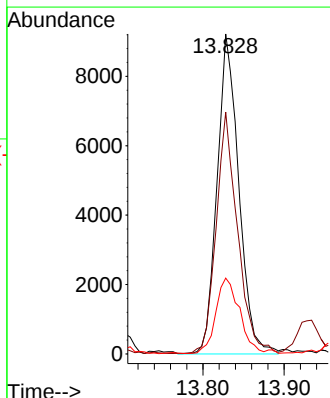
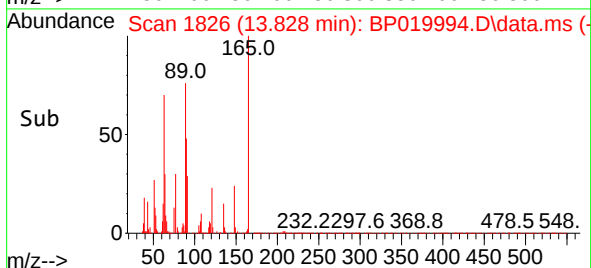
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024

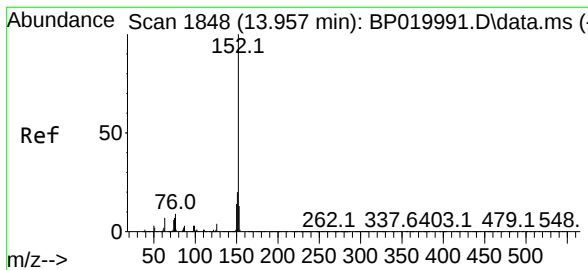


#48
2,6-Dinitrotoluene
Concen: 3.844 ng/ul
RT: 13.828 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01



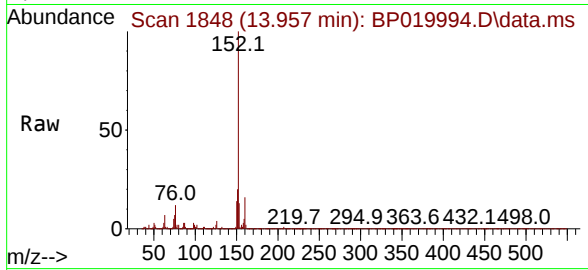
Tgt Ion:165 Resp: 17136
Ion Ratio Lower Upper
165 100
89 75.6 54.3 81.5
121 23.7 19.0 28.4





#50
Acenaphthylene
Concen: 4.403 ng/ul
RT: 13.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

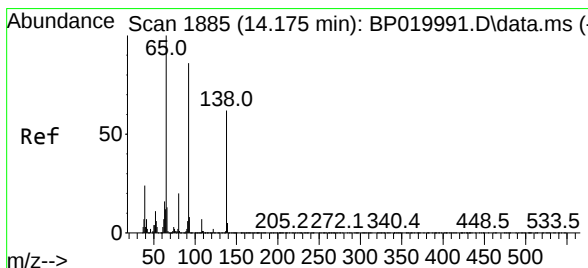
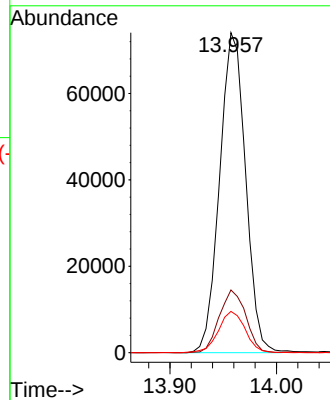
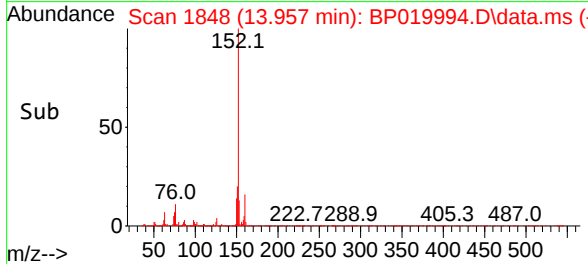
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT1-2024-02



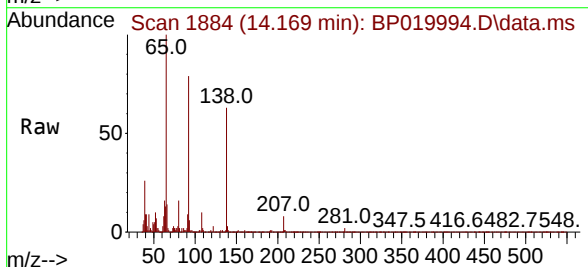
Tgt Ion:152 Resp: 12510
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.9 10.9 16.3

Manual Integrations
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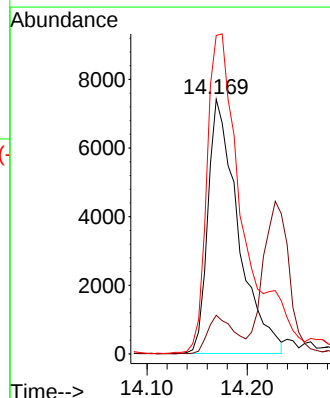
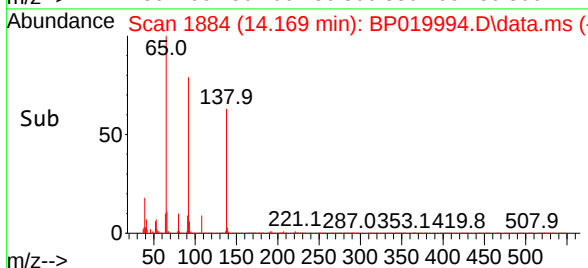
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024

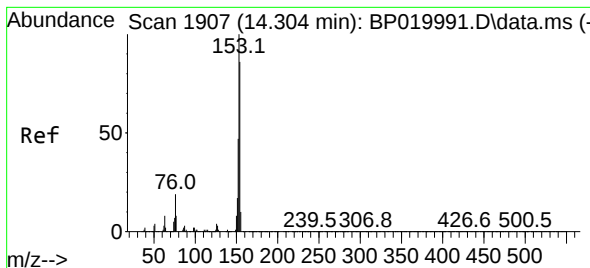


#51
3-Nitroaniline
Concen: 3.787 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01



Tgt Ion:138 Resp: 15547
Ion Ratio Lower Upper
138 100
108 15.2 10.5 15.7
92 125.1 103.4 155.0





#52

Acenaphthene

Concen: 4.360 ng/ul

RT: 14.304 min Scan# 1907

Delta R.T. -0.012 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-02

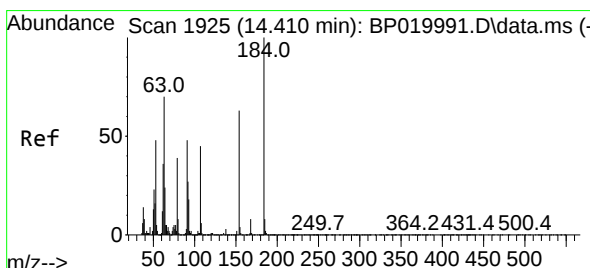
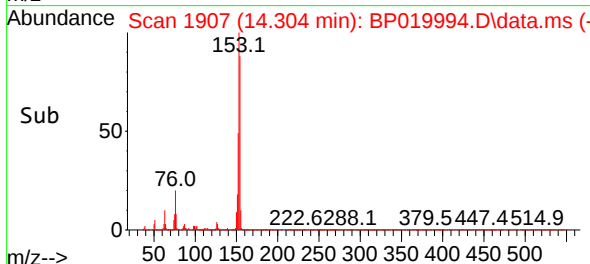
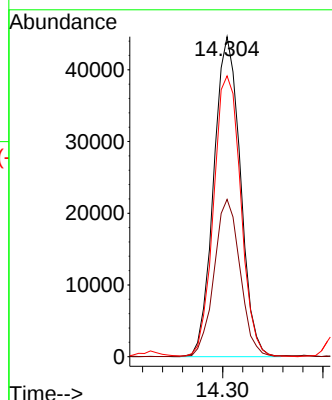
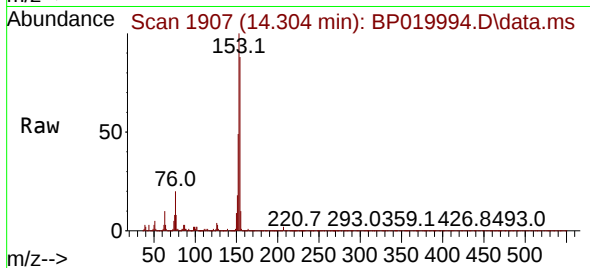
Tgt Ion:	153	Resp:	8230
Ion Ratio	Lower	Upper	
153	100		
152	49.1	37.9	56.9
154	87.7	70.8	106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/29/2024

Supervised By :mohammad ahmed 03/29/2024



#53

2,4-Dinitrophenol

Concen: 3.622 ng/ul

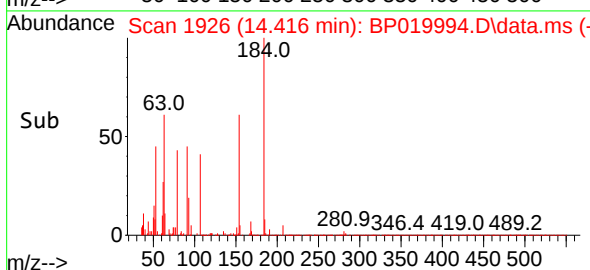
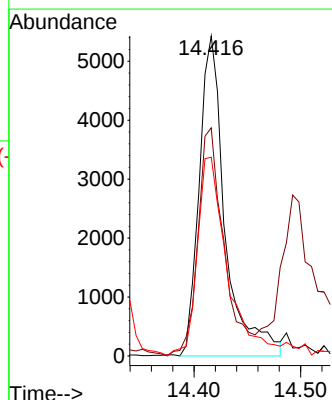
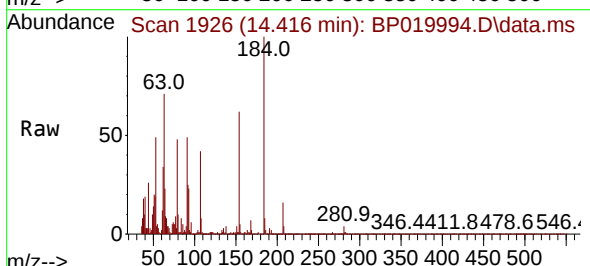
RT: 14.416 min Scan# 1926

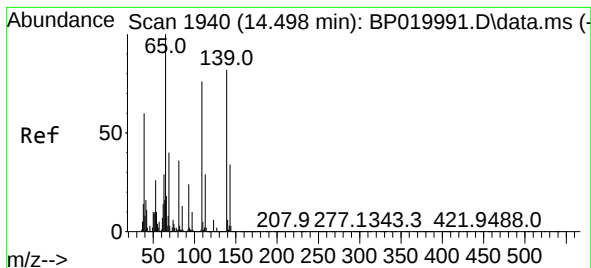
Delta R.T. 0.018 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

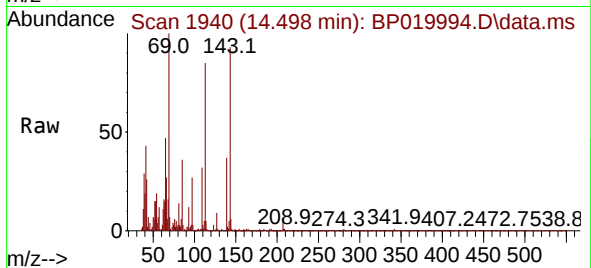
Tgt Ion:	184	Resp:	9188
Ion Ratio	Lower	Upper	
184	100		
63	71.3	60.8	91.2
154	62.1	55.6	83.4





#55
4-Nitrophenol
Concen: 3.546 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

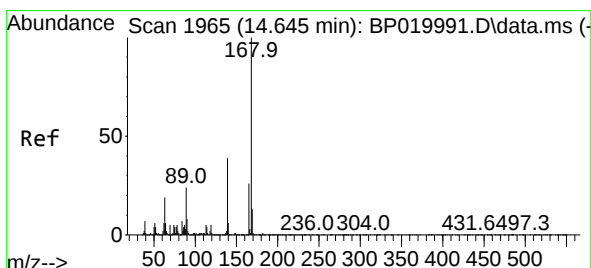
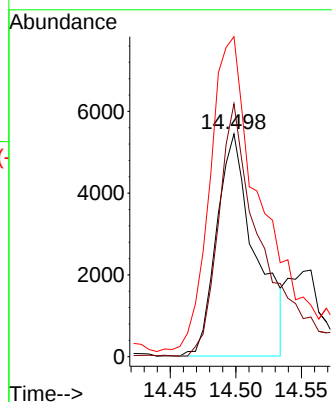
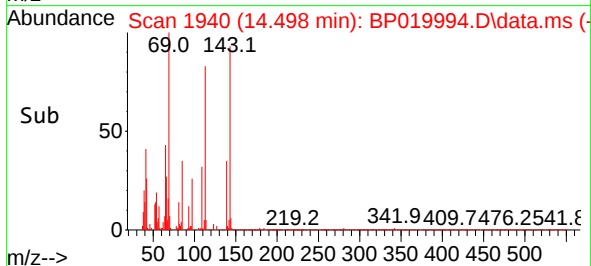
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:109 Resp: 11120
Ion Ratio Lower Upper
109 100
139 113.6 93.3 139.9
65 143.7 109.9 164.9

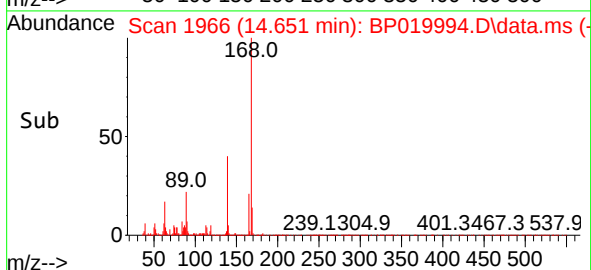
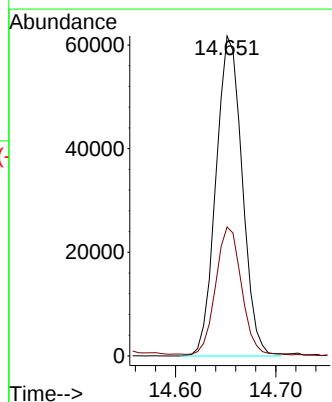
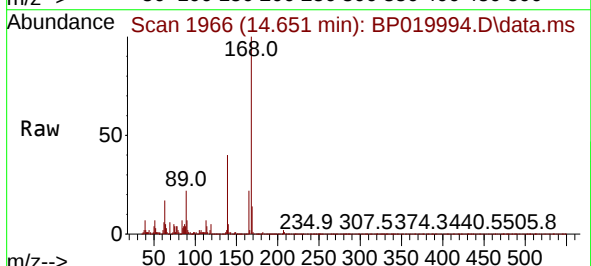
Manual Integrations
APPROVED

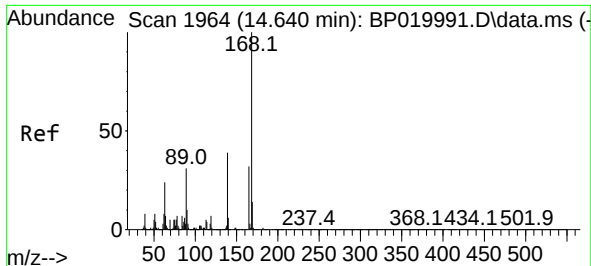
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#56
Dibenzofuran
Concen: 4.373 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

Tgt Ion:168 Resp: 112088
Ion Ratio Lower Upper
168 100
139 40.3 29.8 44.8





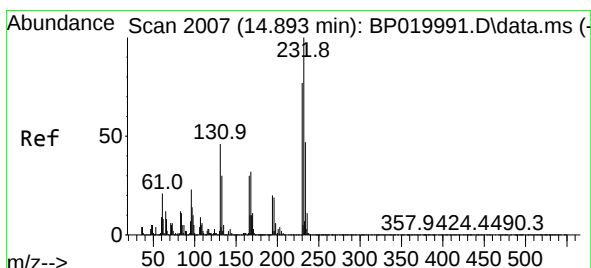
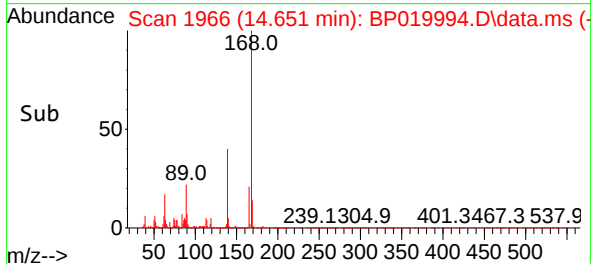
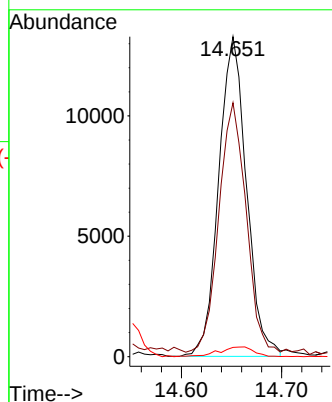
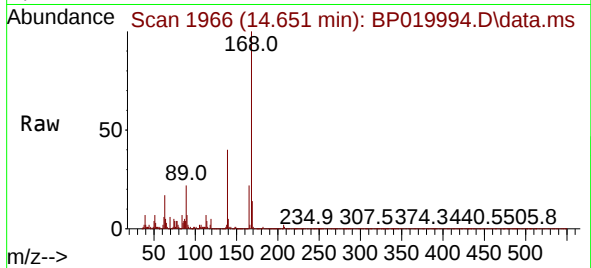
#57
2,4-Dinitrotoluene
Concen: 4.190 ng/ul
RT: 14.651 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02

Tgt Ion:165 Resp: 2553
Ion Ratio Lower Upper
165 100
63 79.4 55.9 83.9
182 2.9 2.4 3.6

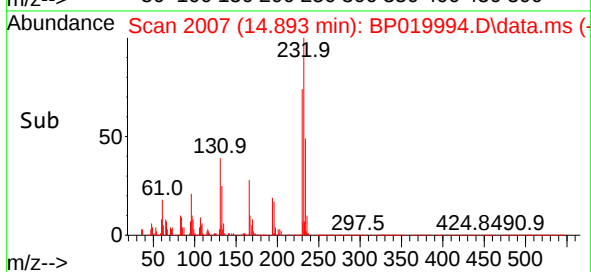
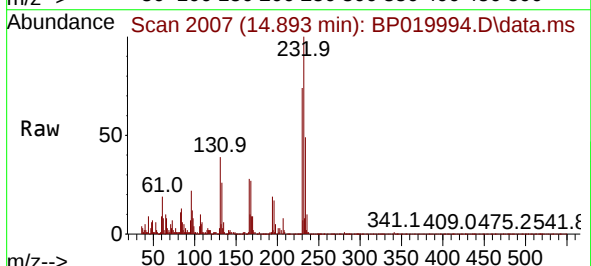
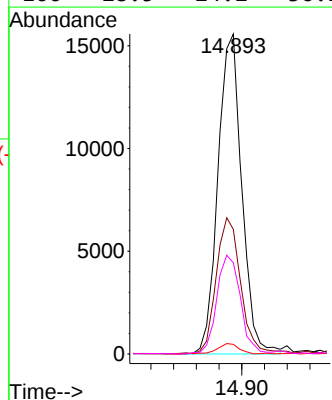
Manual Integrations
APPROVED

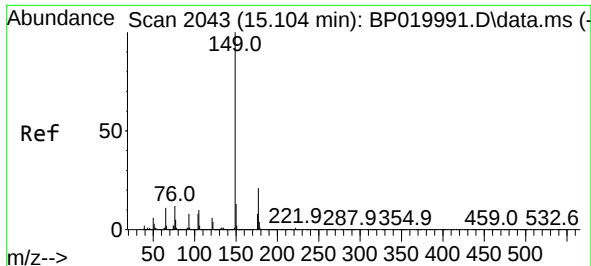
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.062 ng/ul
RT: 14.893 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

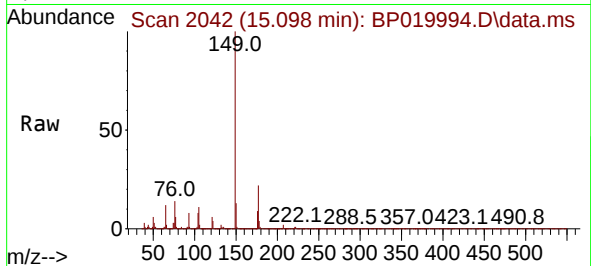
Tgt Ion:232 Resp: 22699
Ion Ratio Lower Upper
232 100
131 38.9 34.2 51.2
130 3.0 1.8 2.6#
166 28.5 24.2 36.2





#59
Diethylphthalate
Concen: 4.248 ng/ul
RT: 15.098 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

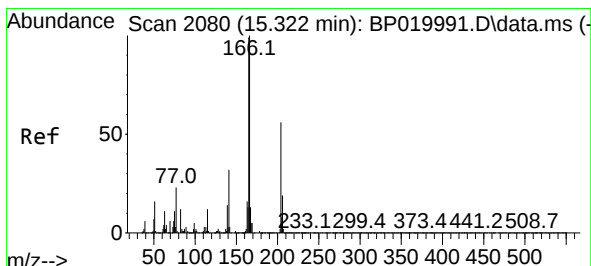
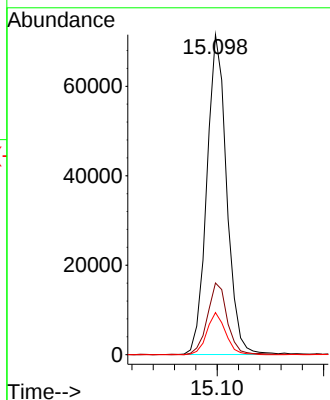
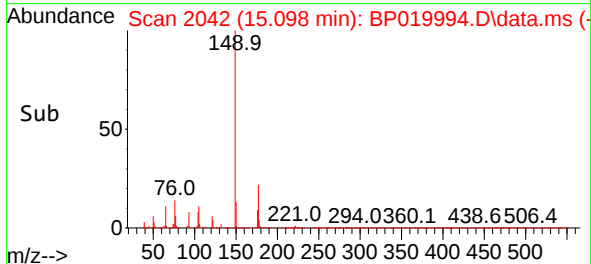
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



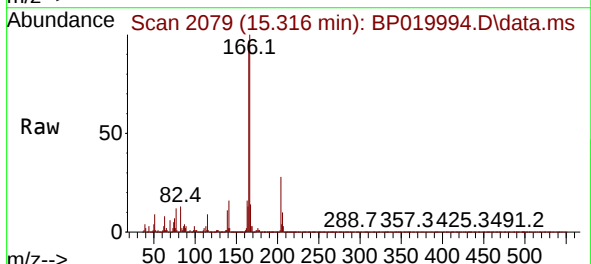
Tgt Ion:149 Resp: 92480
Ion Ratio Lower Upper
149 100
177 22.4 17.0 25.6
150 13.1 9.7 14.5

Manual Integrations
APPROVED

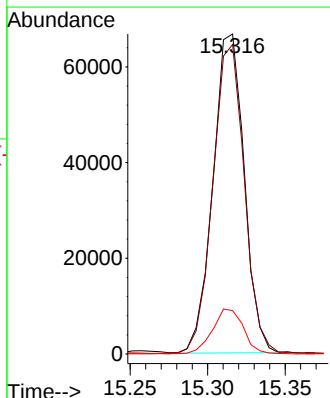
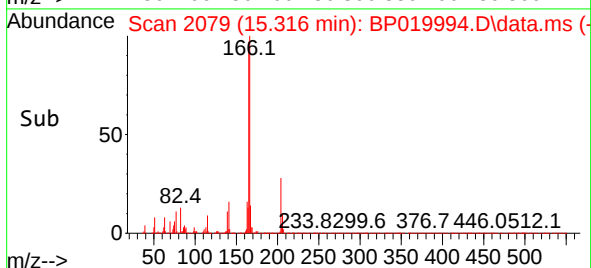
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024

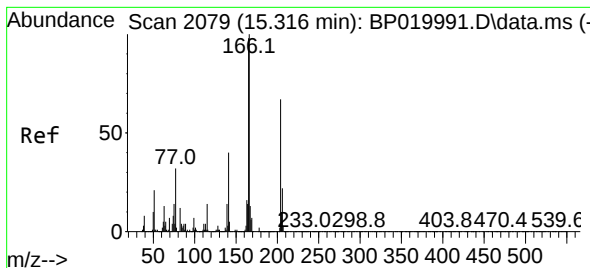


#61
Fluorene
Concen: 4.463 ng/ul
RT: 15.316 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01



Tgt Ion:166 Resp: 93319
Ion Ratio Lower Upper
166 100
165 96.7 79.2 118.8
167 13.5 11.1 16.7





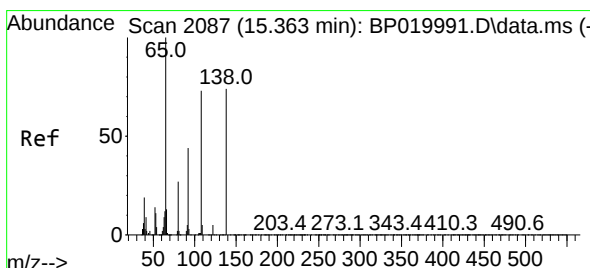
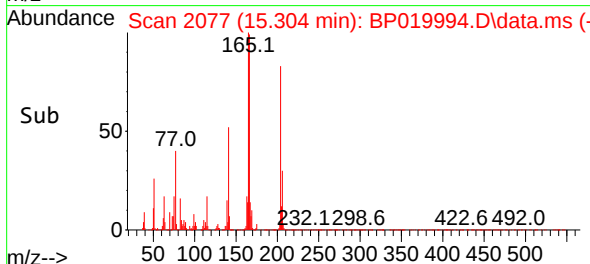
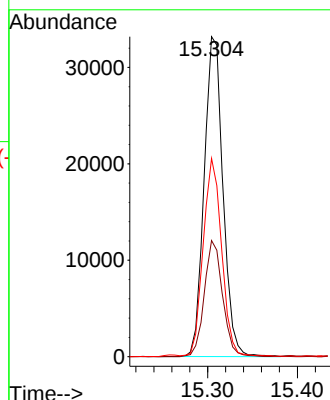
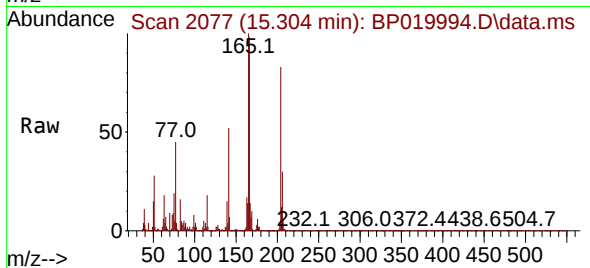
#62
4-Chlorophenyl-phenylether
Concen: 4.320 ng/ul
RT: 15.304 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02

Tgt Ion:204 Resp: 48384
Ion Ratio Lower Upper
204 100
206 36.3 26.2 39.2
141 62.0 47.8 71.6

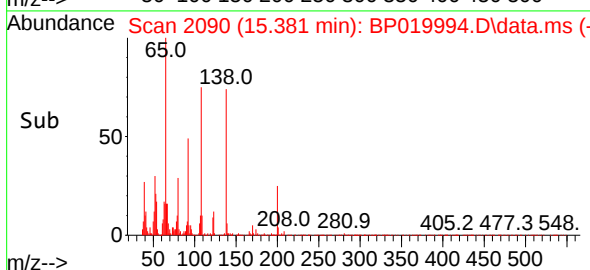
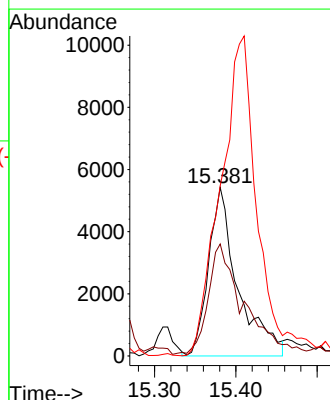
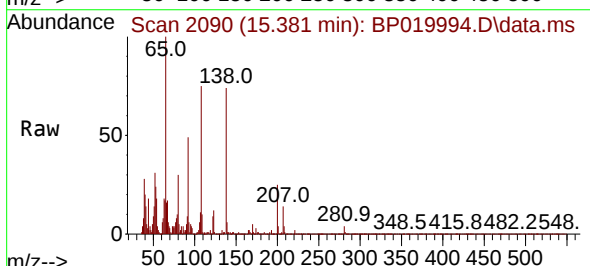
Manual Integrations
APPROVED

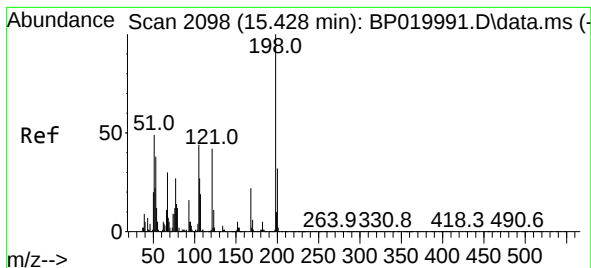
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#63
4-Nitroaniline
Concen: 3.886 ng/ul m
RT: 15.381 min Scan# 2090
Delta R.T. 0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

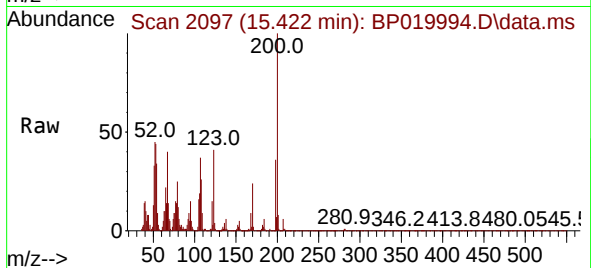
Tgt Ion:138 Resp: 13623
Ion Ratio Lower Upper
138 100
92 66.5 51.0 76.6
108 101.1 74.7 112.1





#66
4,6-Dinitro-2-methylphenol
Concen: 3.978 ng/ul
RT: 15.422 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

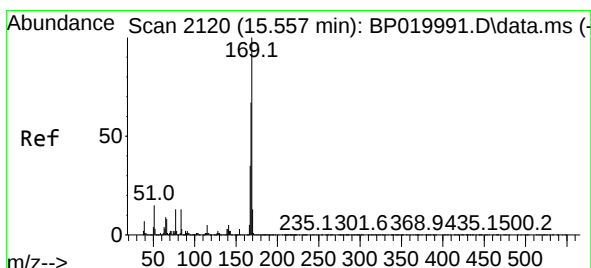
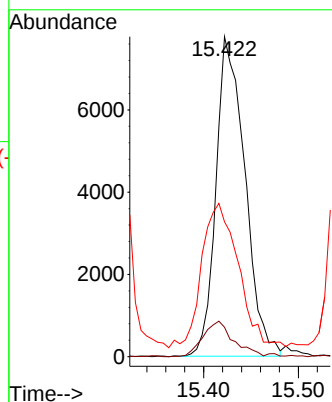
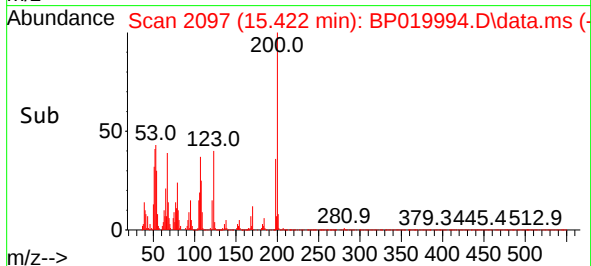
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:198 Resp: 1646
Ion Ratio Lower Upper
198 100
182 9.2 3.6 5.4
77 42.2 22.1 33.1

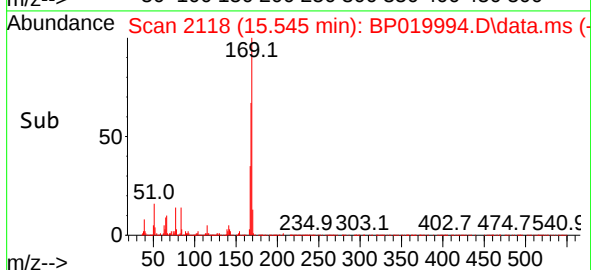
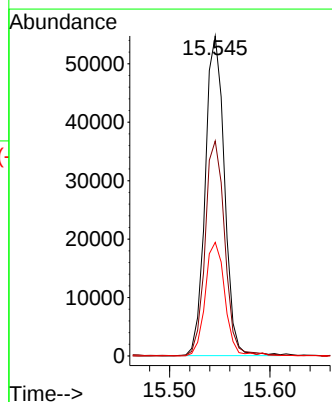
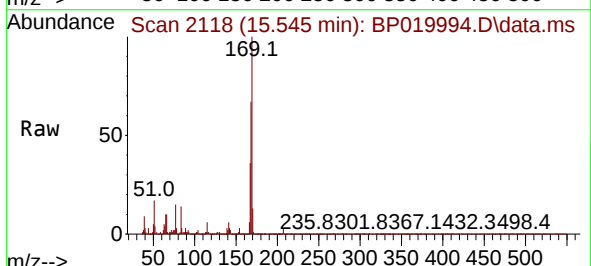
Manual Integrations
APPROVED

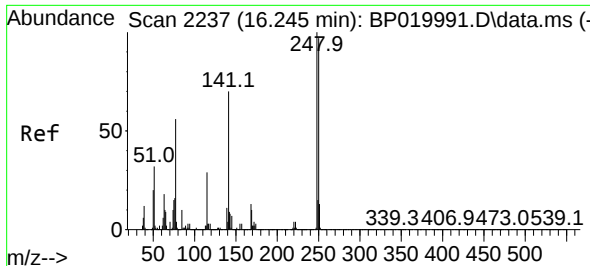
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#67
N-Nitrosodiphenylamine
Concen: 4.062 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

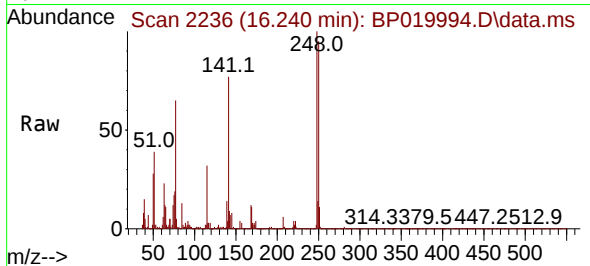
Tgt Ion:169 Resp: 73076
Ion Ratio Lower Upper
169 100
168 67.2 52.5 78.7
167 35.5 28.0 42.0





#68
4-Bromophenyl-phenylether
Concen: 4.015 ng/ul
RT: 16.240 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

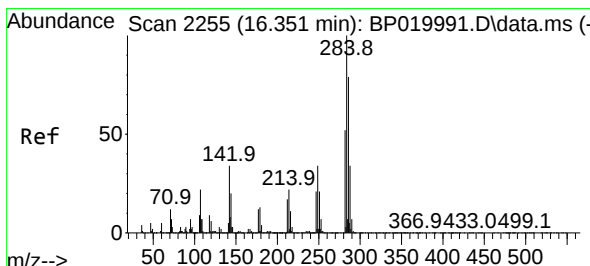
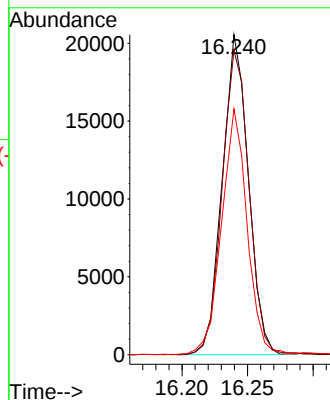
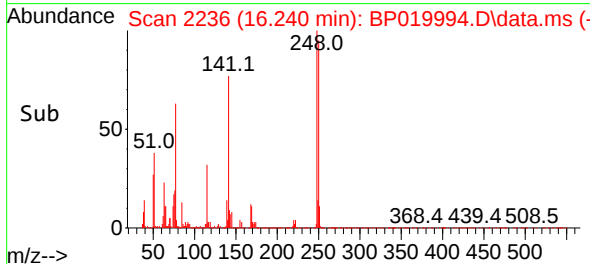
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.1	76.3	114.5
141	76.8	56.8	85.2

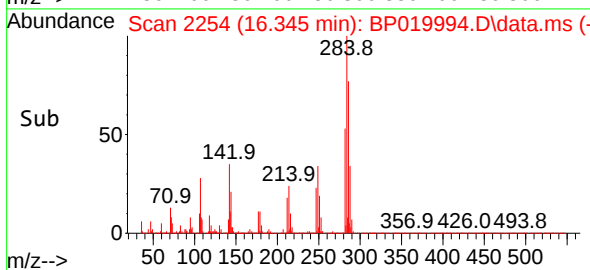
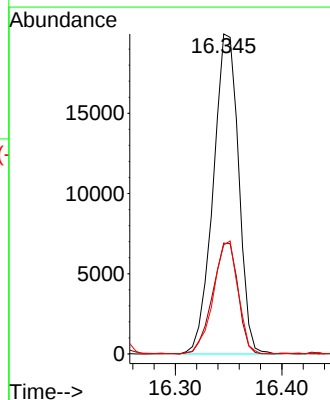
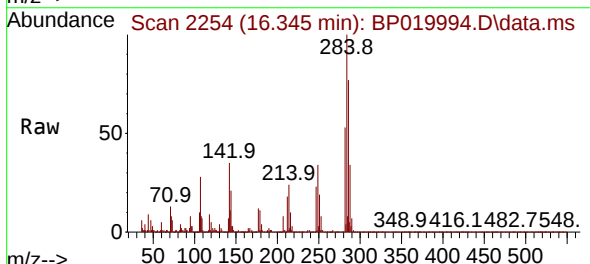
Manual Integrations
APPROVED

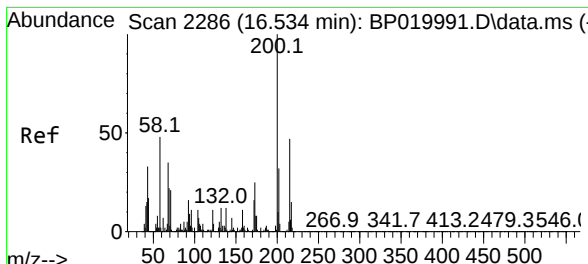
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#69
Hexachlorobenzene
Concen: 4.208 ng/ul
RT: 16.345 min Scan# 2254
Delta R.T. -0.000 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	28.2	42.2
249	34.0	27.5	41.3





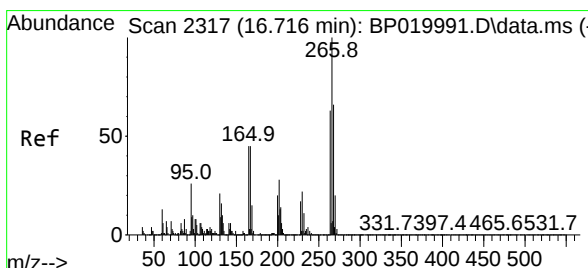
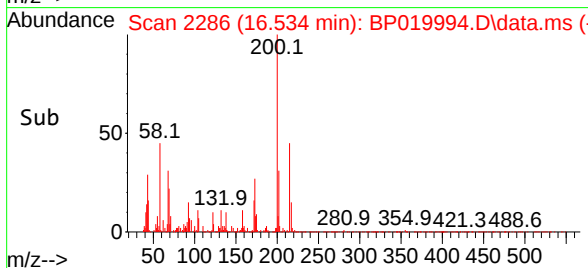
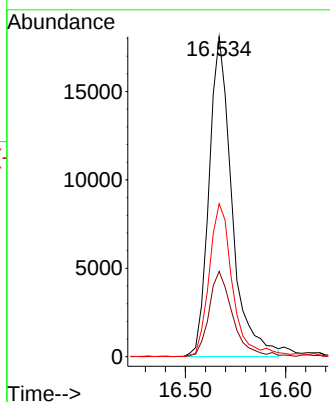
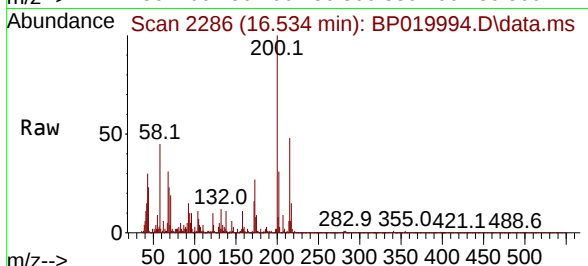
#70
Atrazine
Concen: 4.166 ng/ul
RT: 16.534 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT1-2024-02

Tgt Ion: 200	Resp: 2871
Ion Ratio	Lower Upper
200 100	
173 26.7	19.0 28.6
215 47.8	37.4 56.0

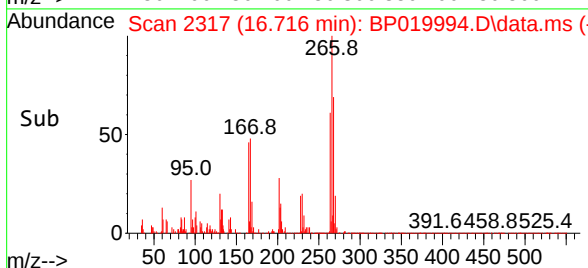
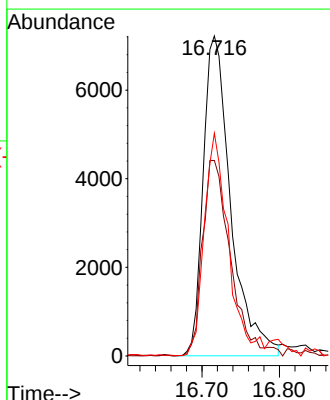
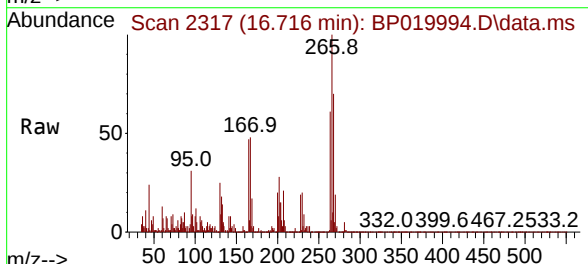
Manual Integrations
APPROVED

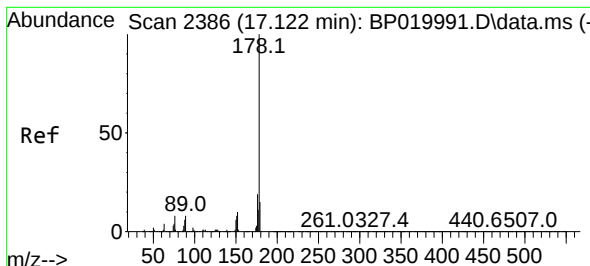
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#71
Pentachlorophenol
Concen: 3.878 ng/ul
RT: 16.716 min Scan# 2317
Delta R.T. -0.000 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

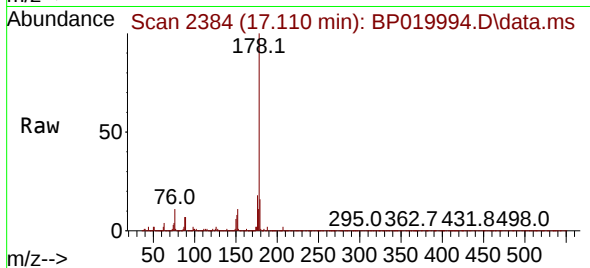
Tgt Ion: 266	Resp: 17844
Ion Ratio	Lower Upper
266 100	
264 61.1	49.9 74.9
268 74.2	52.5 78.7





#72
Phenanthrene
Concen: 4.343 ng/ul
RT: 17.110 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

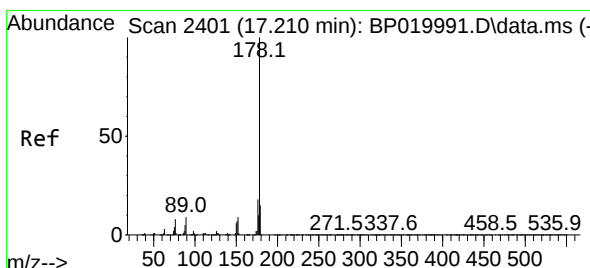
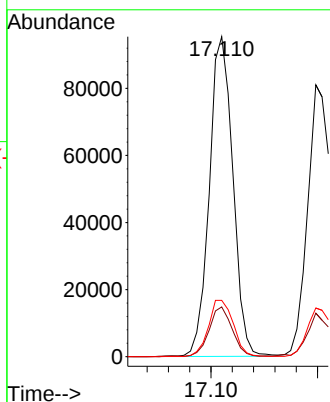
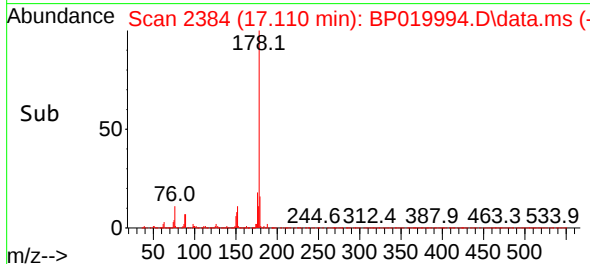
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:178 Resp: 14624
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 17.6 15.3 22.9

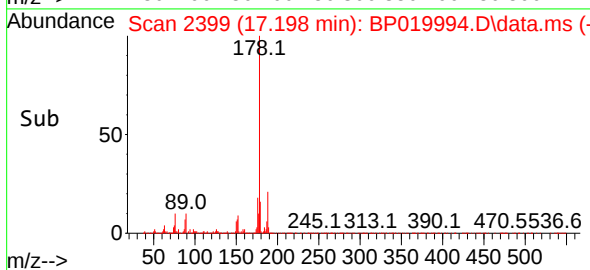
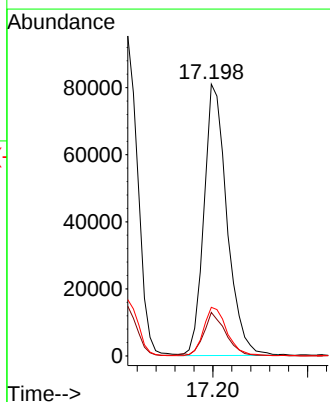
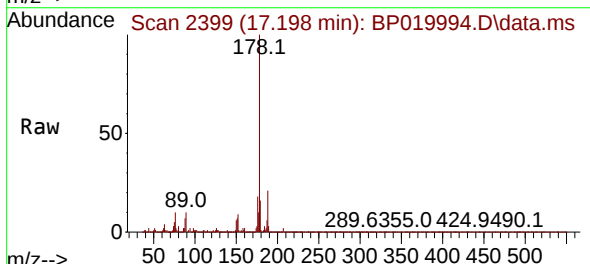
Manual Integrations
APPROVED

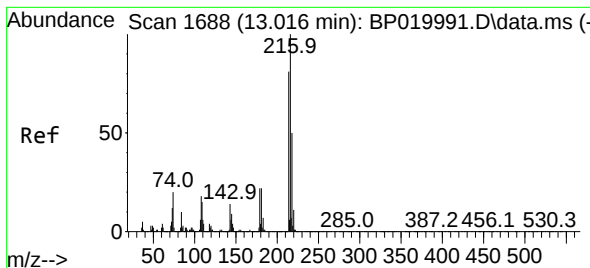
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#74
Anthracene
Concen: 4.004 ng/ul
RT: 17.198 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

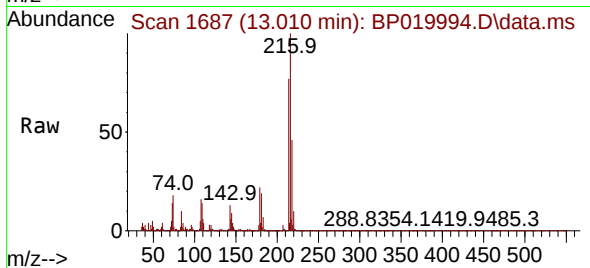
Tgt Ion:178 Resp: 136901
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.2
176 17.9 14.8 22.2





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.877 ng/uL
RT: 13.010 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

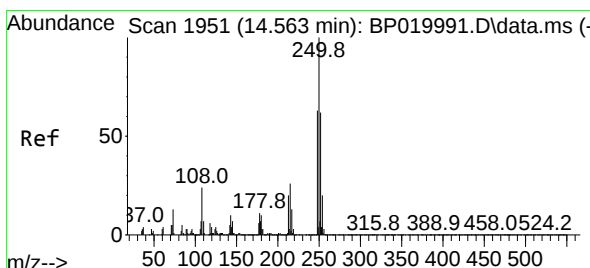
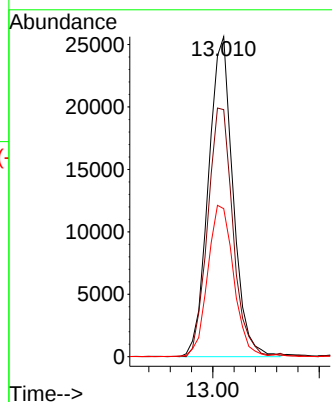
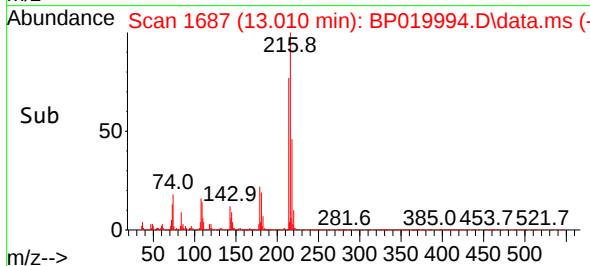
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:216 Resp: 4117
Ion Ratio Lower Upper
216 100
214 77.2 62.2 93.4
218 46.3 39.9 59.9

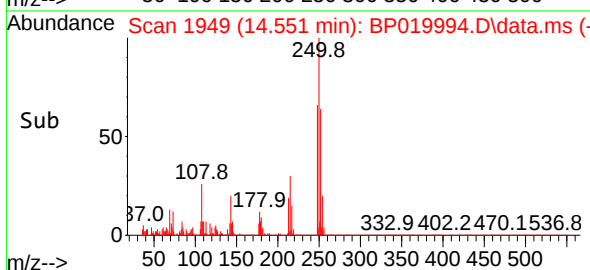
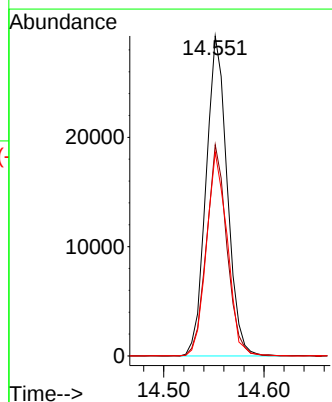
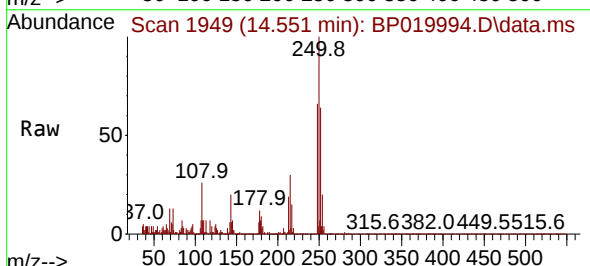
Manual Integrations
APPROVED

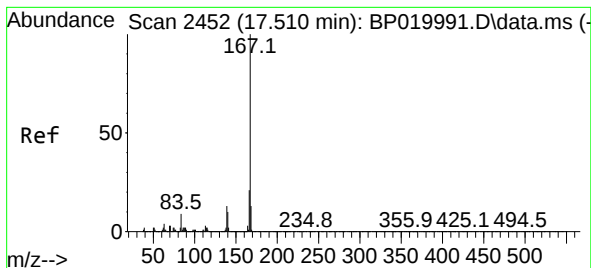
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#76
Pentachlorobenzene
Concen: 4.370 ng/uL
RT: 14.551 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

Tgt Ion:250 Resp: 42978
Ion Ratio Lower Upper
250 100
248 66.0 51.3 76.9
252 63.7 51.1 76.7





#77

Carbazole

Concen: 4.006 ng/ul

RT: 17.498 min Scan# 2450

Delta R.T. -0.006 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-02

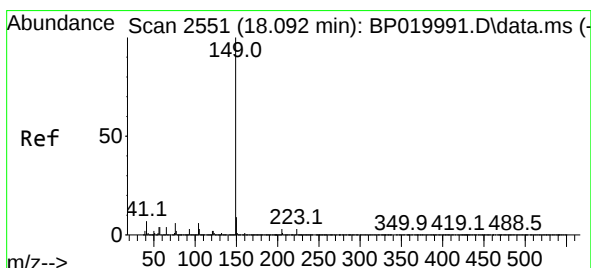
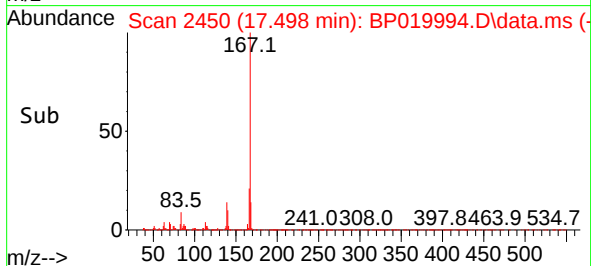
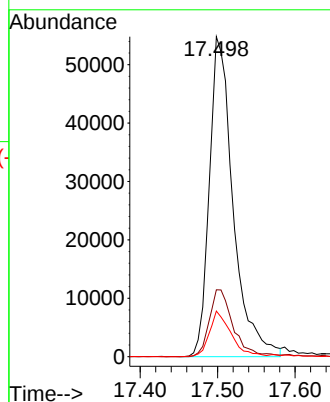
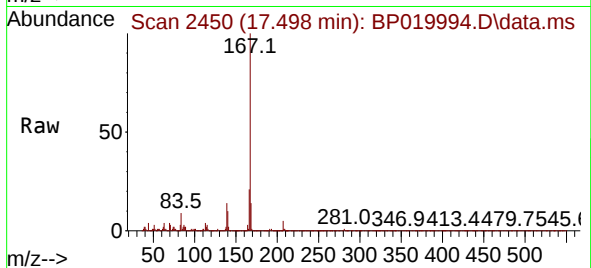
Tgt Ion:167	Resp: 117118
Ion Ratio	Lower Upper
167 100	
166 20.9	16.8 25.2
139 14.2	10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/29/2024

Supervised By :mohammad ahmed 03/29/2024



#78

Di-n-butylphthalate

Concen: 3.814 ng/ul

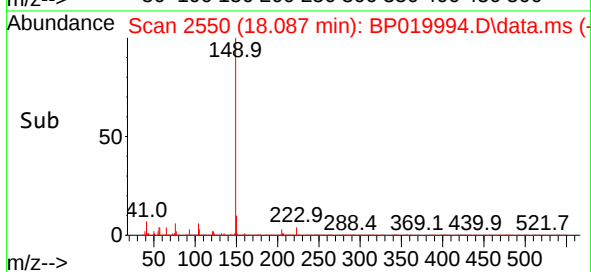
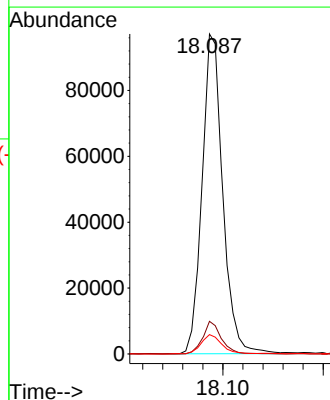
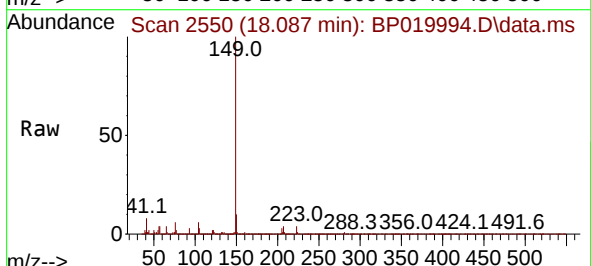
RT: 18.087 min Scan# 2550

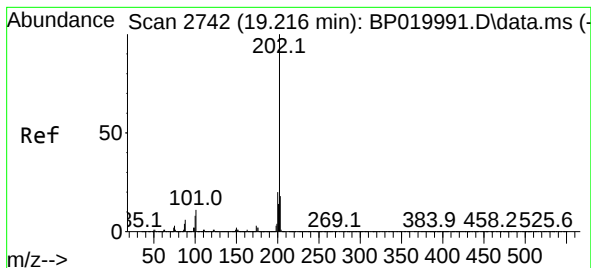
Delta R.T. -0.006 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

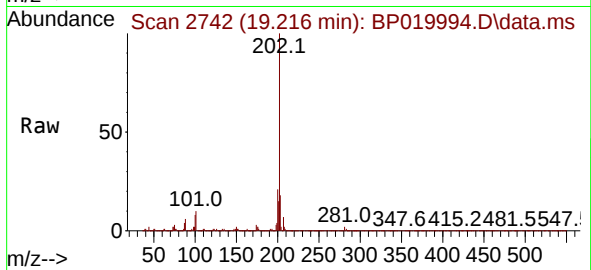
Tgt Ion:149	Resp: 139249
Ion Ratio	Lower Upper
149 100	
150 10.2	7.0 10.6
104 6.1	4.2 6.4





#80
Fluoranthene
Concen: 4.021 ng/ul
RT: 19.216 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

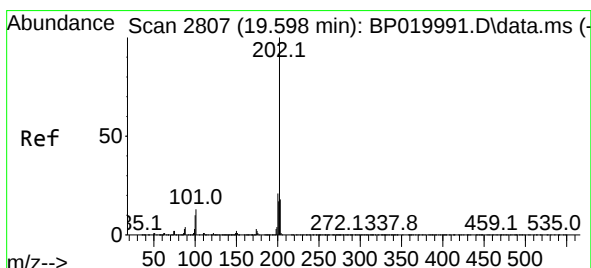
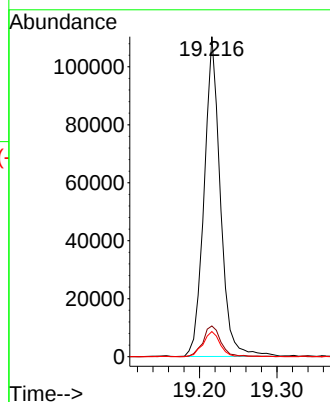
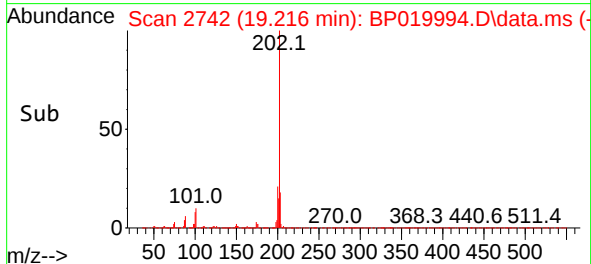
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:202 Resp: 160594
Ion Ratio Lower Upper
202 100
101 9.6 8.8 13.2
100 7.9 6.6 9.8

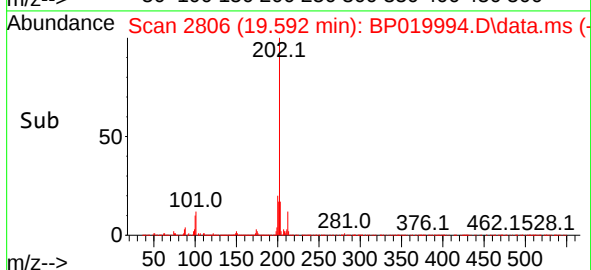
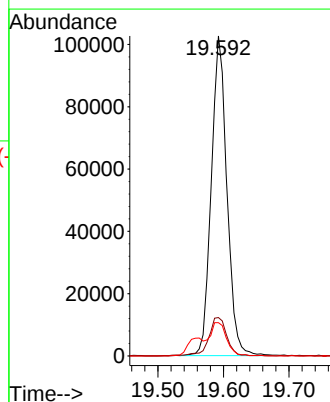
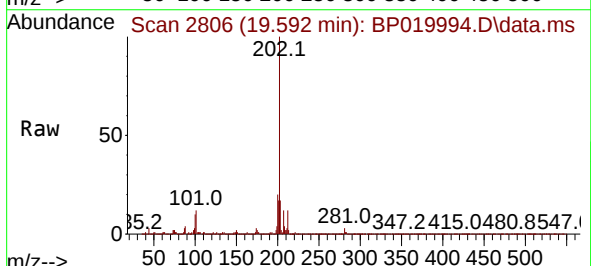
Manual Integrations
APPROVED

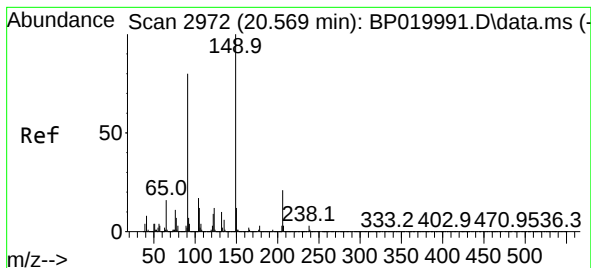
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#82
Pyrene
Concen: 4.102 ng/ul
RT: 19.592 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

Tgt Ion:202 Resp: 170257
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.2
100 10.4 7.7 11.5





#83

Butylbenzylphthalate

Concen: 3.590 ng/ul

RT: 20.569 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-02

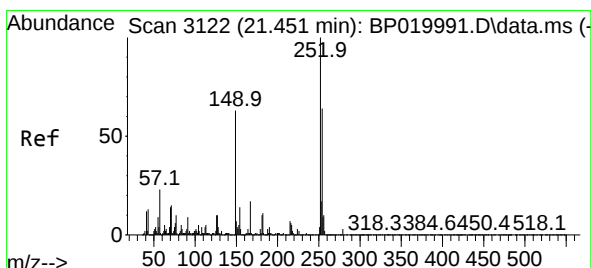
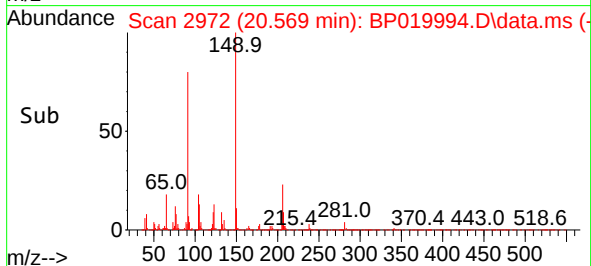
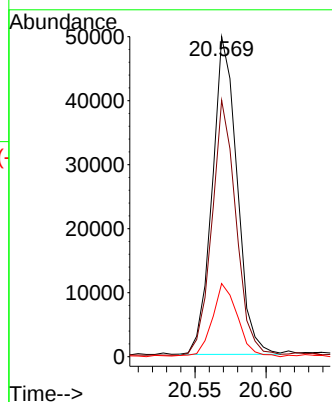
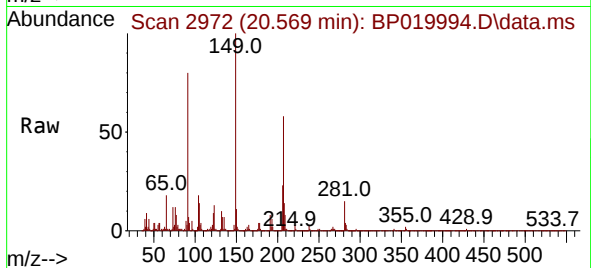
Tgt Ion:	149	Resp:	60500
Ion Ratio	Lower	Upper	
149	100		
91	80.1	63.4	95.2
206	22.9	17.8	26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/29/2024

Supervised By :mohammad ahmed 03/29/2024



#84

3,3'-Dichlorobenzidine

Concen: 3.667 ng/ul

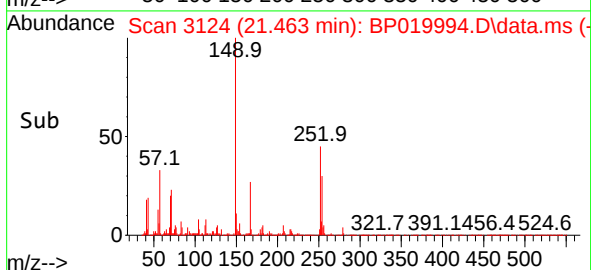
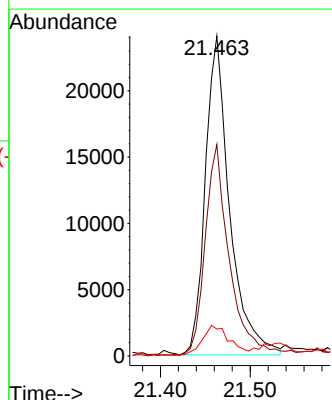
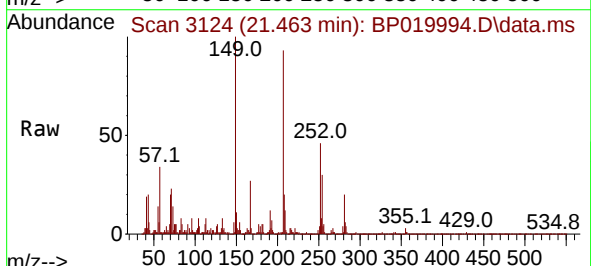
RT: 21.463 min Scan# 3124

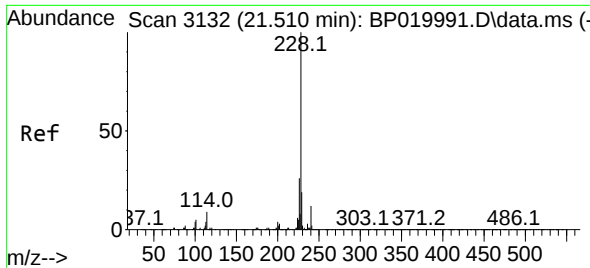
Delta R.T. 0.006 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

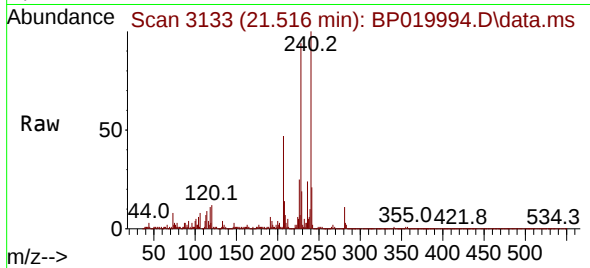
Tgt Ion:	252	Resp:	45185
Ion Ratio	Lower	Upper	
252	100		
254	66.0	52.4	78.6
126	8.4	8.1	12.1





#85
Benzo(a)anthracene
Concen: 4.202 ng/ul
RT: 21.516 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

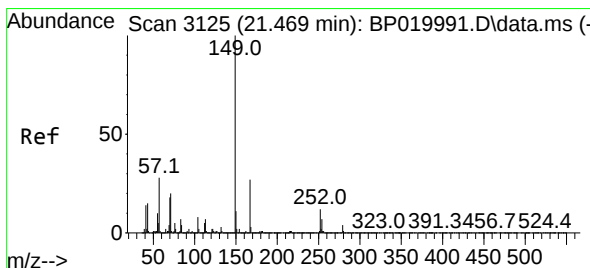
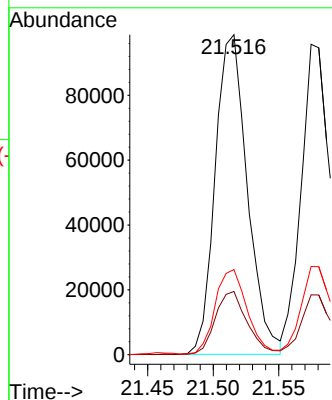
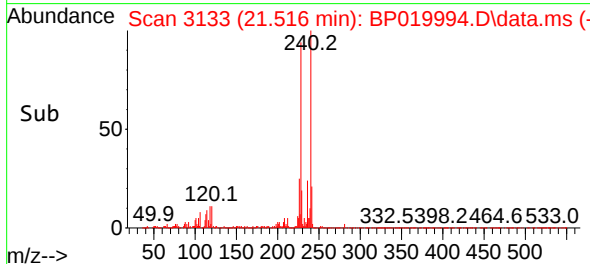
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT1-2024-02



Tgt Ion:228 Resp: 168512
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 26.6 22.1 33.1

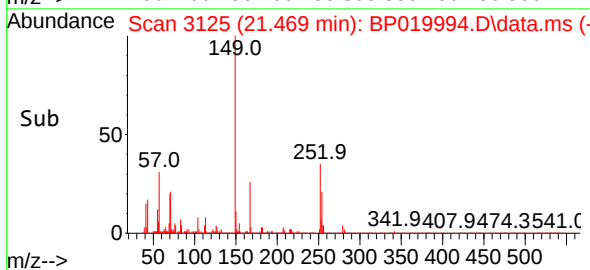
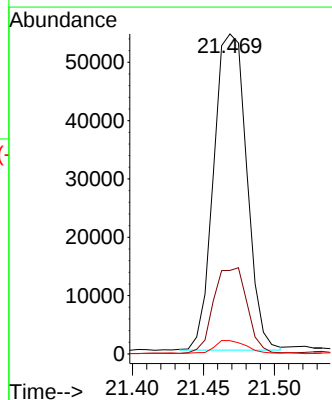
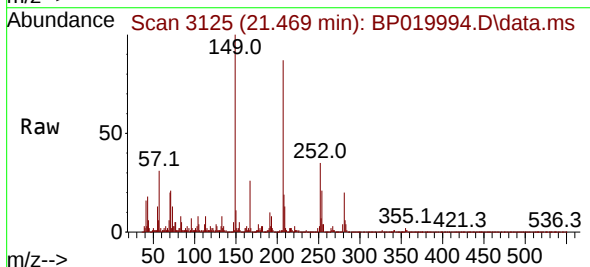
Manual Integrations
APPROVED

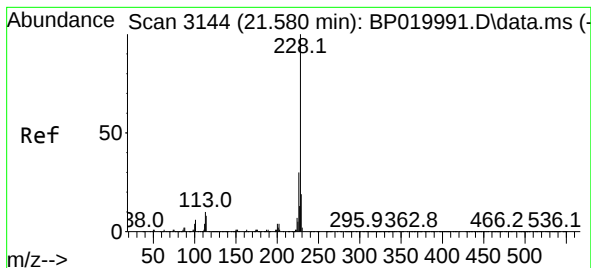
Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.555 ng/ul
RT: 21.469 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BP019994.D
Acq: 26 Mar 2024 12:01

Tgt Ion:149 Resp: 87554
Ion Ratio Lower Upper
149 100
167 26.1 23.0 34.6
279 4.2 3.6 5.4





#87

Chrysene

Concen: 4.183 ng/ul

RT: 21.575 min Scan# 3144

Delta R.T. -0.024 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-02

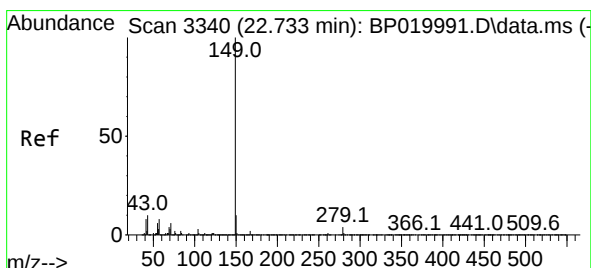
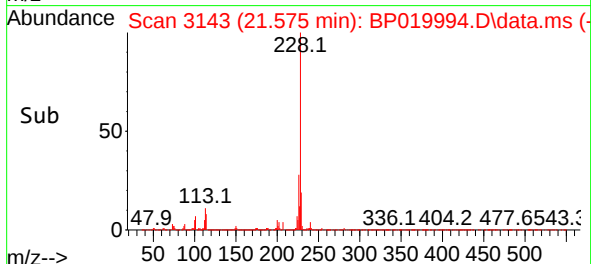
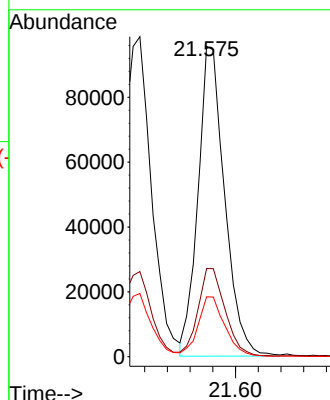
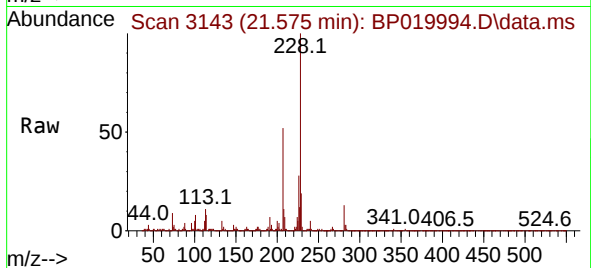
Tgt Ion:228 Resp: 155970
 Ion Ratio Lower Upper
 228 100
 226 28.4 23.2 34.8
 229 19.3 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/29/2024

Supervised By :mohammad ahmed 03/29/2024



#89

Di-n-octyl phthalate

Concen: 3.928 ng/ul

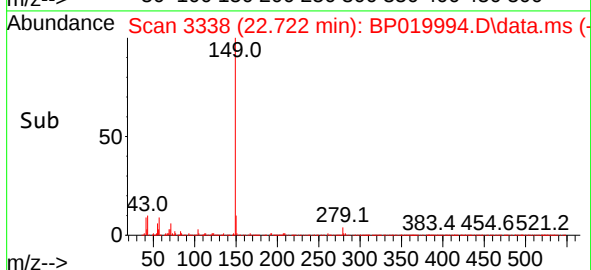
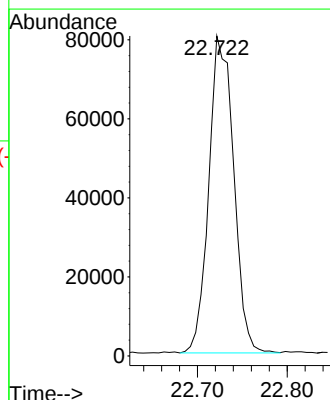
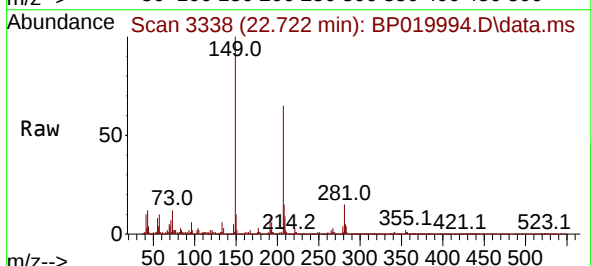
RT: 22.722 min Scan# 3338

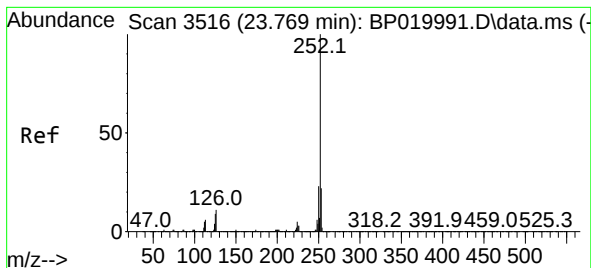
Delta R.T. -0.018 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

Tgt Ion:149 Resp: 154417





#90

Benzo(b)fluoranthene

Concen: 4.277 ng/ul

RT: 23.780 min Scan# 3516

Delta R.T. -0.012 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-02

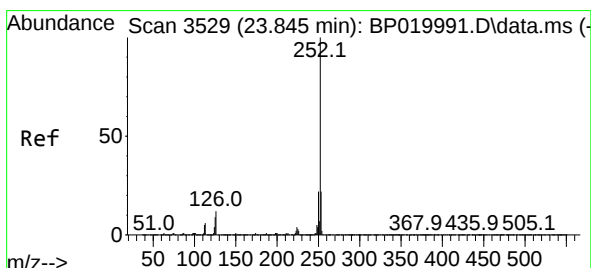
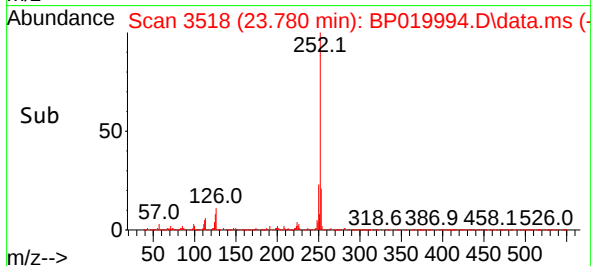
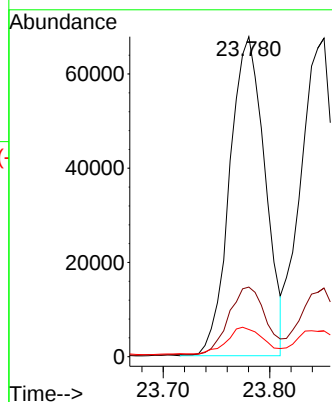
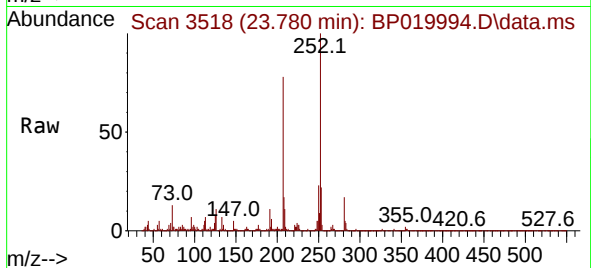
Tgt Ion:252 Resp: 155438
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.2 25.8
 125 8.5 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/29/2024

Supervised By :mohammad ahmed 03/29/2024



#91

Benzo(k)fluoranthene

Concen: 4.404 ng/ul

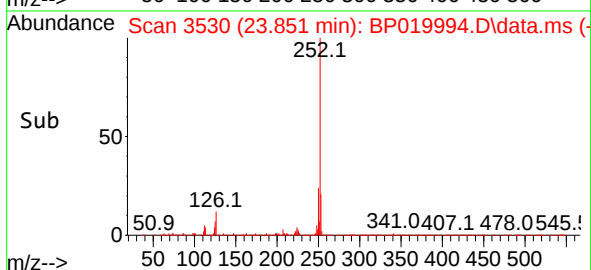
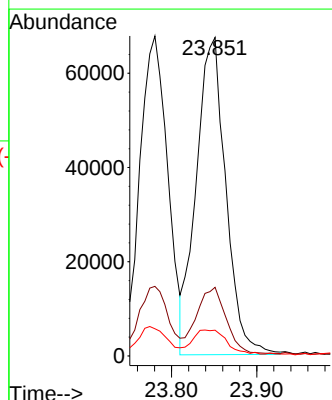
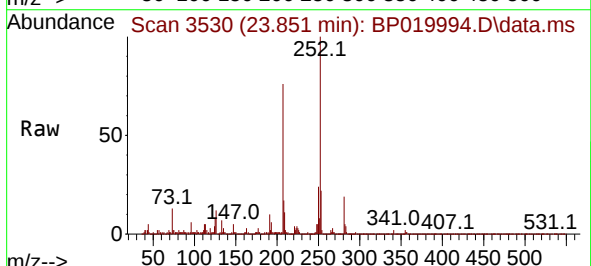
RT: 23.851 min Scan# 3530

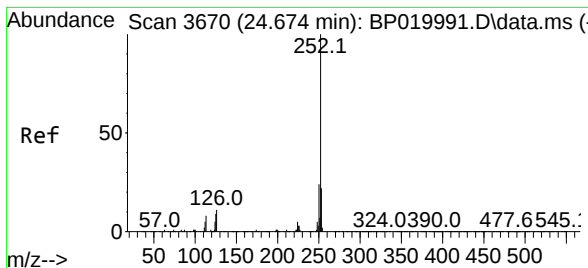
Delta R.T. -0.024 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

Tgt Ion:252 Resp: 162659
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.0
 125 8.1 7.1 10.7





#93

Benzo(a)pyrene

Concen: 4.342 ng/ul

RT: 24.657 min Scan# 30

Delta R.T. -0.024 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-02

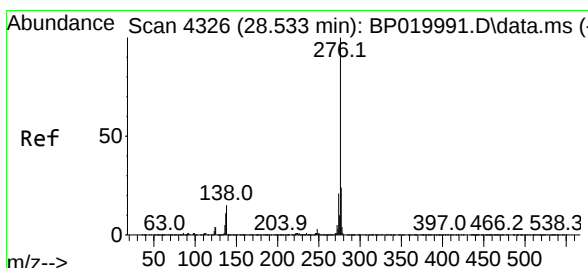
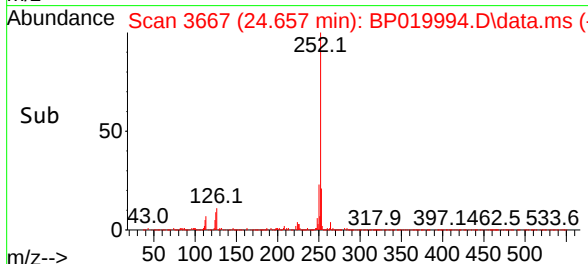
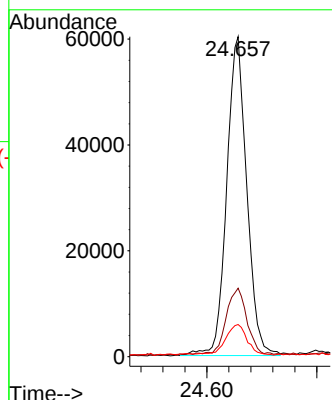
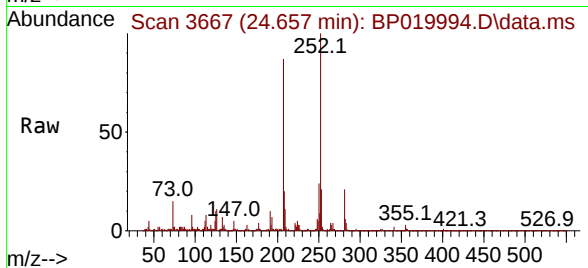
Tgt Ion:	252	Resp:	152629
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.4	26.0
125	10.0	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/29/2024

Supervised By :mohammad ahmed 03/29/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.262 ng/ul m

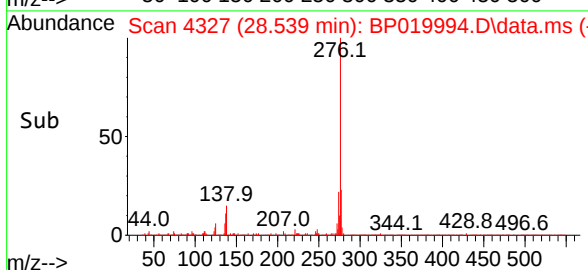
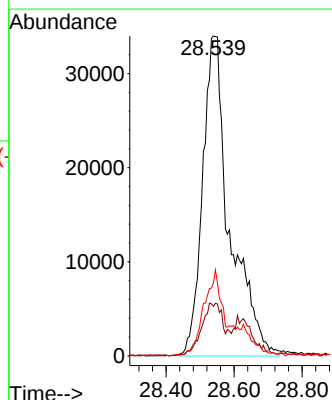
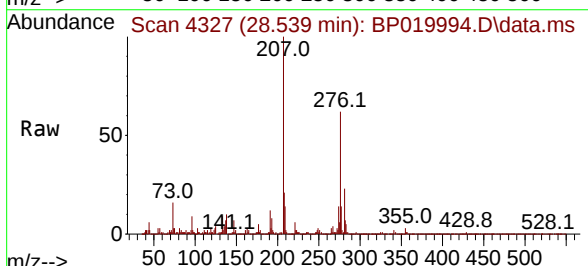
RT: 28.539 min Scan# 4327

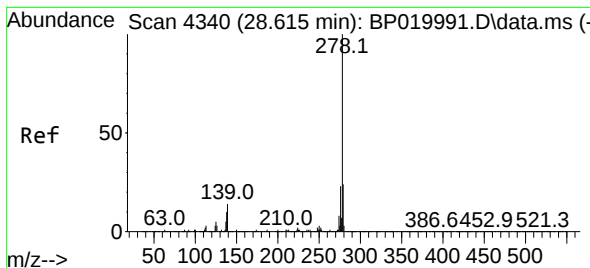
Delta R.T. -0.012 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

Tgt Ion:	276	Resp:	188713
Ion Ratio	Lower	Upper	
276	100		
138	15.6	13.1	19.7
277	23.0	19.5	29.3





#95

Dibenzo(a,h)anthracene

Concen: 4.058 ng/ul

RT: 28.627 min Scan# 41

Delta R.T. -0.024 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT1-2024-02

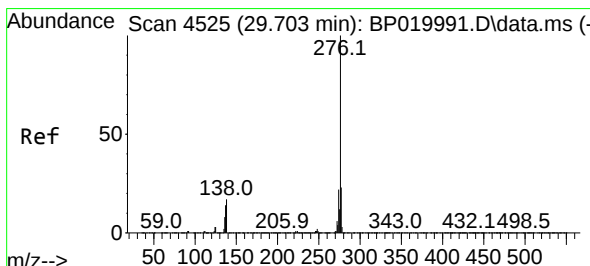
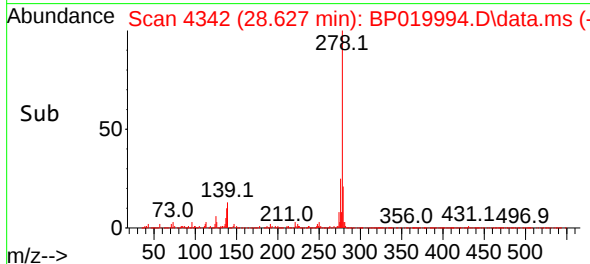
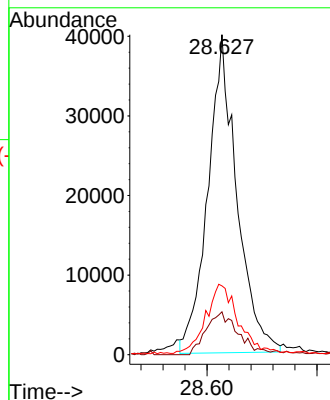
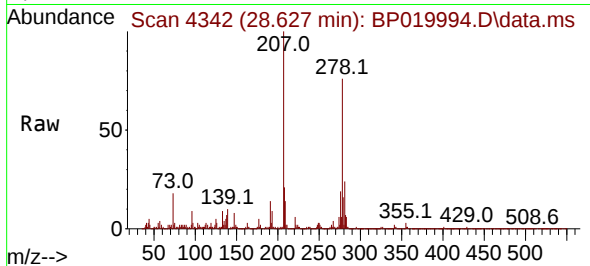
Tgt Ion: 278	Resp: 14614
Ion Ratio	Lower Upper
278 100	
139 13.4	11.4 17.2
279 21.5	19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/29/2024

Supervised By :mohammad ahmed 03/29/2024



#96

Benzo(g,h,i)perylene

Concen: 4.239 ng/ul m

RT: 29.698 min Scan# 4524

Delta R.T. -0.024 min

Lab File: BP019994.D

Acq: 26 Mar 2024 12:01

Tgt Ion: 276	Resp: 151594
Ion Ratio	Lower Upper
276 100	
138 20.1	15.5 23.3
277 25.2	18.8 28.2

