

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
 Data File : BP020418.D
 Acq On : 17 May 2024 10:49
 Operator : MA/JU
 Sample : P2409-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2024-04

Quant Time: May 17 22:52:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 16 10:48:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/18/2024
 Supervised By :mohammad ahmed 05/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	85535	20.000	ng/u1	0.00
20) Naphthalene-d8	10.357	136	342404	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	241536	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.104	188	581849	20.000	ng/u1	-0.02
79) Chrysene-d12	21.604	240	615577	20.000	ng/u1	-0.02
88) Perylene-d12	24.945	264	664045	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	9895	4.886	ng/uL	0.00
4) Pyridine-d5	3.599	84	114593	19.473	ng/u1	0.00
7) Phenol-d5	6.787	99	148525	20.219	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	88079	19.739	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	116694	22.222	ng/u1	0.00
15) 4-Methylphenol-d8	8.305	113	114476	19.276	ng/u1	0.00
21) Nitrobenzene-d5	8.752	128	55672	21.713	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	63965	21.785	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.004	165	117260	21.885	ng/u1	0.00
31) 4-Chloroaniline-d4	10.528	131	139863	18.651	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	409667	23.226	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	448555	23.021	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	60707m	22.394	ng/u1	0.00
60) Fluorene-d10	15.287	176	354108	24.069	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	64109	17.363	ng/u1	-0.01
73) Anthracene-d10	17.216	188	537738	21.363	ng/u1	-0.02
81) Pyrene-d10	19.616	212	749923	20.841	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.715	264	738414	22.998	ng/u1	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	2288m	0.996	ng/uL	
5) Pyridine	3.617	79	22400	3.763	ng/u1#	54
6) Benzaldehyde	6.787	77	18838	5.102	ng/u1	95
8) Phenol	6.816	94	30851	4.069	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.040	93	25850	4.357	ng/u1	99
12) 2-Chlorophenol	7.169	128	24892	4.540	ng/u1	94
13) 2-Methylphenol	8.052	108	23099	4.084	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.116	45	32033	4.328	ng/u1	94
16) Acetophenone	8.428	105	41575	4.218	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.399	70	20766	3.882	ng/u1#	95
18) 4-Methylphenol	8.381	108	25295m	4.115	ng/u1	
19) Hexachloroethane	8.628	117	11670	4.655	ng/u1	88
22) Nitrobenzene	8.799	77	30682	4.168	ng/u1	94
23) Isophorone	9.316	82	59608	4.212	ng/u1	98
25) 2-Nitrophenol	9.499	139	14460	4.754	ng/u1#	84
26) 2,4-Dimethylphenol	9.575	107	22192	3.345	ng/u1	91
27) Bis(2-Chloroethoxy)met...	9.804	93	32564	4.150	ng/u1	93
29) 2,4-Dichlorophenol	10.046	162	23676m	4.543	ng/u1	
30) Naphthalene	10.404	128	85552	4.847	ng/u1	100
32) 4-Chloroaniline	10.551	127	32318	4.407	ng/u1	100
33) Hexachlorobutadiene	10.663	225	20657	5.103	ng/u1	94
34) Caprolactam	11.404	113	8540m	4.693	ng/u1	
35) 4-Chloro-3-methylphenol	11.710	107	24790	3.820	ng/u1	98
36) 2-Methylnaphthalene	12.046	142	57609	4.691	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051724\
 Data File : BP020418.D
 Acq On : 17 May 2024 10:49
 Operator : MA/JU
 Sample : P2409-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2024-04

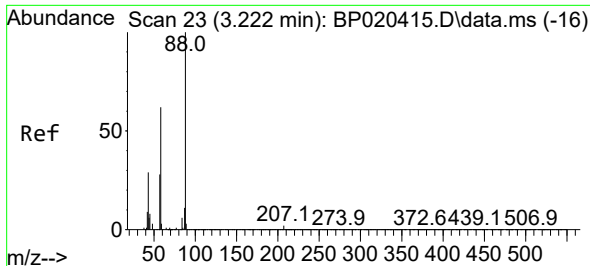
Quant Time: May 17 22:52:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 16 10:48:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/18/2024
 Supervised By :mohammad ahmed 05/18/2024

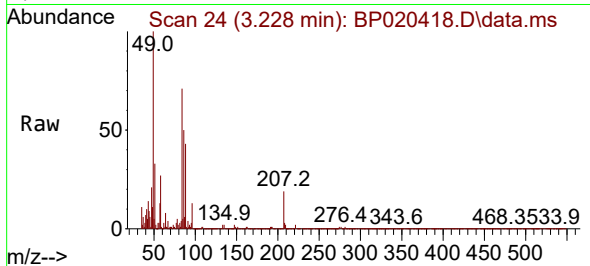
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	61910	5.010	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.416	216	35467	4.708	ng/ul	96
40) Hexachlorocyclopentadiene	12.363	237	21918	5.350	ng/ul	95
41) 2,4,6-Trichlorophenol	12.693	196	20293m	4.296	ng/ul	
42) 2,4,5-Trichlorophenol	12.787	196	22370	4.401	ng/ul	84
43) 1,1'-Biphenyl	13.081	154	79554	4.657	ng/ul	100
44) 2-Chloronaphthalene	13.122	162	65188	4.809	ng/ul	99
45) 2-Nitroaniline	13.387	65	16289m	3.623	ng/ul	
47) Dimethylphthalate	13.734	163	88318	4.957	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	15586	4.401	ng/ul	99
50) Acenaphthylene	13.981	152	108574	4.954	ng/ul	99
51) 3-Nitroaniline	14.245	138	12322m	3.730	ng/ul	
52) Acenaphthene	14.328	153	70765	4.805	ng/ul	95
53) 2,4-Dinitrophenol	14.475	184	7810m	3.592	ng/ul	
55) 4-Nitrophenol	14.581	109	12733m	4.511	ng/ul	
56) Dibenzofuran	14.687	168	101707	5.021	ng/ul	98
57) 2,4-Dinitrotoluene	14.698	165	24136	4.740	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.928	232	22463	4.921	ng/ul#	99
59) Diethylphthalate	15.128	149	88151	4.957	ng/ul	99
61) Fluorene	15.345	166	84204	5.003	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.351	204	46154	5.169	ng/ul	91
63) 4-Nitroaniline	15.445	138	12510m	4.544	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	16569	4.304	ng/ul#	83
67) N-Nitrosodiphenylamine	15.581	169	71285	4.400	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	29785	4.726	ng/ul	97
69) Hexachlorobenzene	16.369	284	35113	4.810	ng/ul	93
70) Atrazine	16.586	200	30009	5.224	ng/ul	98
71) Pentachlorophenol	16.763	266	18952m	4.295	ng/ul	
72) Phenanthrene	17.157	178	141118	4.754	ng/ul	98
74) Anthracene	17.251	178	134510	4.455	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	37134	4.294	ng/ul	97
76) Pentachlorobenzene	14.592	250	41128	4.753	ng/ul	97
77) Carbazole	17.569	167	117540	4.519	ng/ul	97
78) Di-n-butylphthalate	18.139	149	145373	4.611	ng/ul	99
80) Fluoranthene	19.269	202	183576	4.335	ng/ul	99
82) Pyrene	19.645	202	195012	4.426	ng/ul	99
83) Butylbenzylphthalate	20.616	149	69169	4.135	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.533	252	50739	4.050	ng/ul	96
85) Benzo(a)anthracene	21.580	228	196165	4.698	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	100961	4.184	ng/ul	95
87) Chrysene	21.657	228	191377	4.945	ng/ul	98
89) Di-n-octyl phthalate	22.810	149	165091	3.882	ng/ul	100
90) Benzo(b)fluoranthene	23.892	252	183169	4.637	ng/ul	99
91) Benzo(k)fluoranthene	23.957	252	194029	4.820	ng/ul	98
93) Benzo(a)pyrene	24.786	252	174833	4.652	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.756	276	214457m	4.654	ng/ul	
95) Dibenzo(a,h)anthracene	28.827	278	179619m	4.713	ng/ul	
96) Benzo(g,h,i)perylene	29.956	276	174426m	4.694	ng/ul	

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



#2
1,4-Dioxane
Concen: 0.996 ng/uL m
RT: 3.228 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

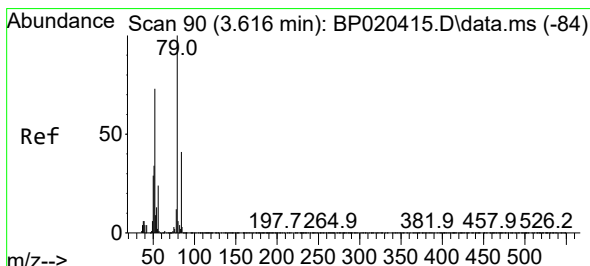
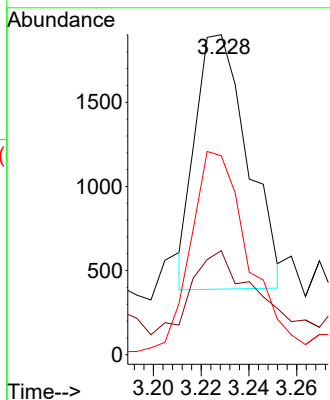
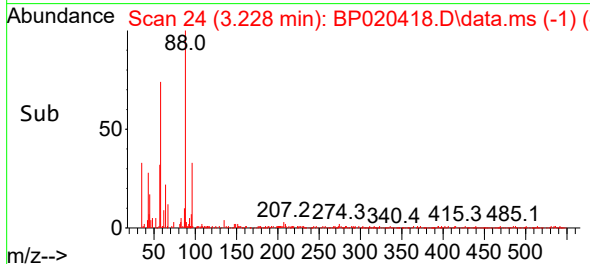
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion: 88 Resp: 2288
Ion Ratio Lower Upper
88 100
43 32.5 23.9 35.9
58 62.1 58.2 87.4

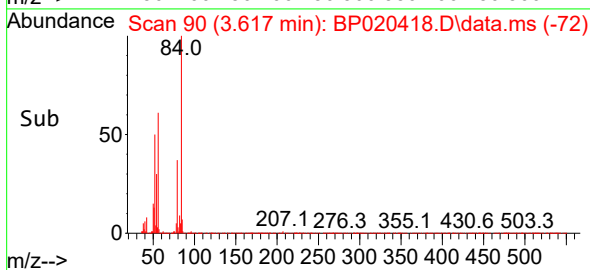
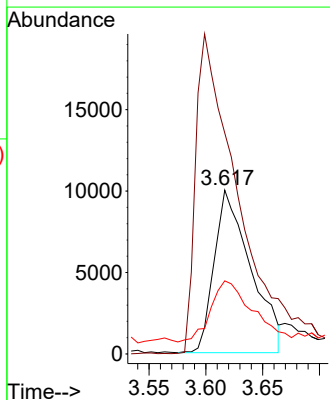
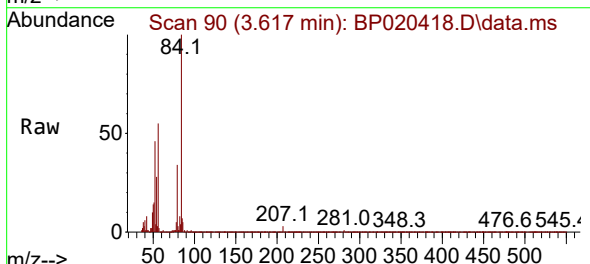
Manual Integrations
APPROVED

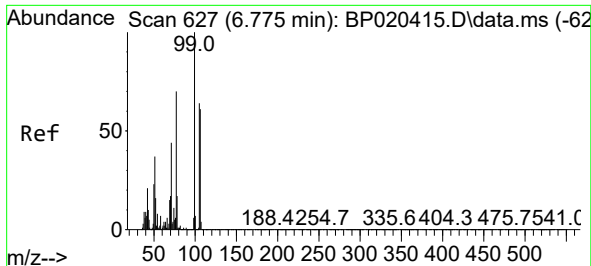
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



#5
Pyridine
Concen: 3.763 ng/uL
RT: 3.617 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

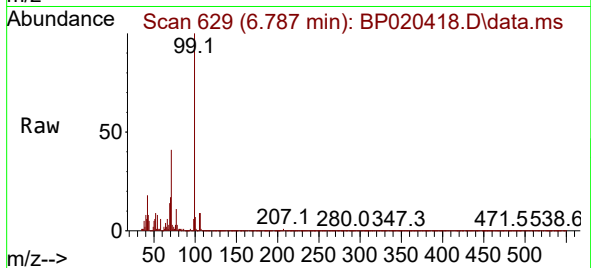
Tgt Ion: 79 Resp: 22400
Ion Ratio Lower Upper
79 100
52 134.8 60.7 91.1#
51 44.6 33.1 49.7





#6
Benzaldehyde
Concen: 5.102 ng/ul
RT: 6.787 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

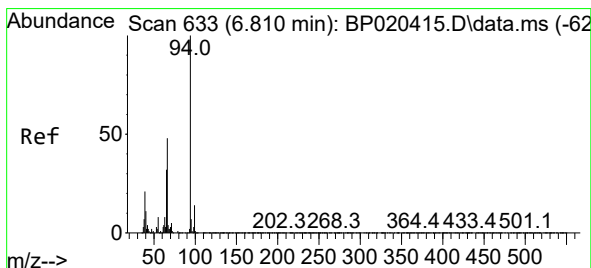
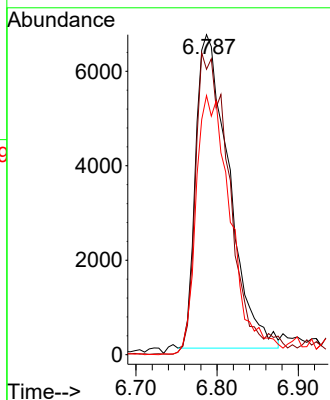
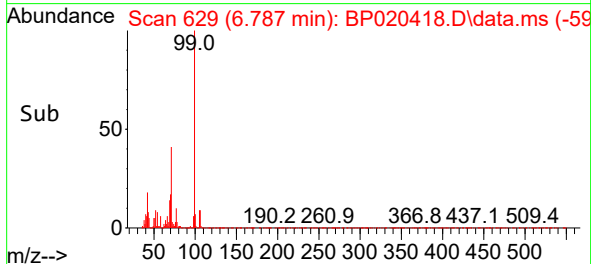
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion: 77 Resp: 1883
Ion Ratio Lower Upper
77 100
105 89.2 75.4 113.2
106 80.9 68.2 102.2

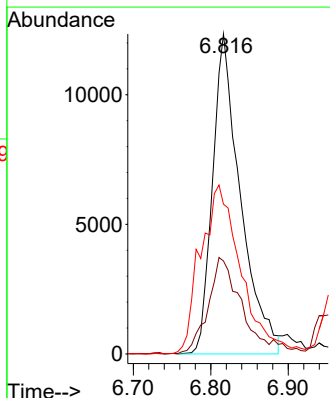
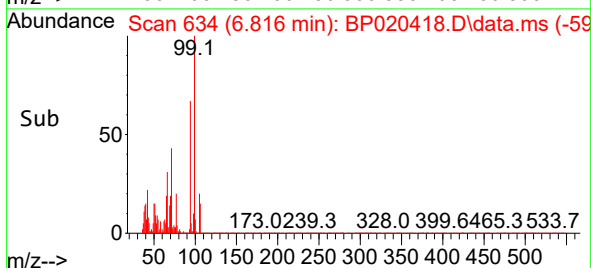
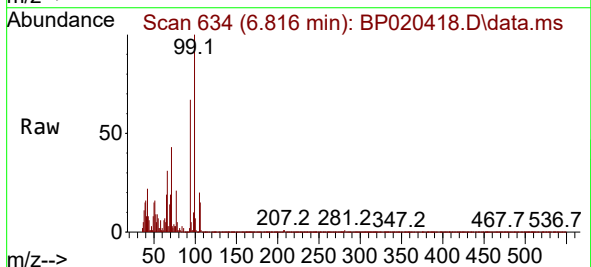
Manual Integrations
APPROVED

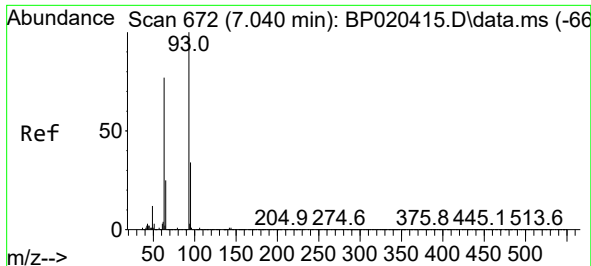
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



#8
Phenol
Concen: 4.069 ng/ul
RT: 6.816 min Scan# 634
Delta R.T. 0.012 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

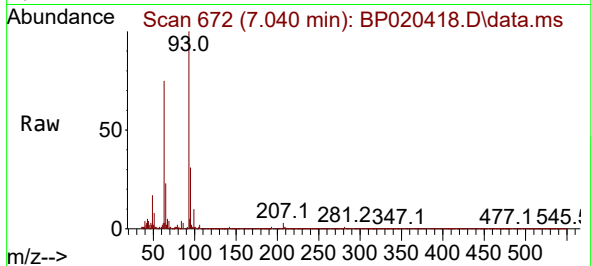
Tgt Ion: 94 Resp: 30851
Ion Ratio Lower Upper
94 100
65 29.0 26.1 39.1
66 46.8 38.6 57.8





#10
Bis(2-Chloroethyl)ether
Concen: 4.357 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

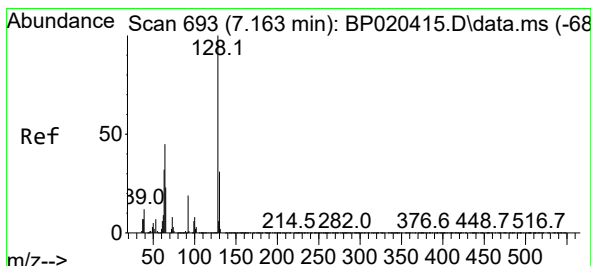
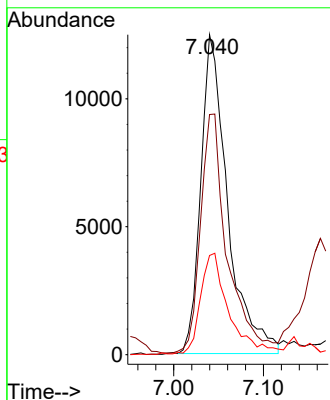
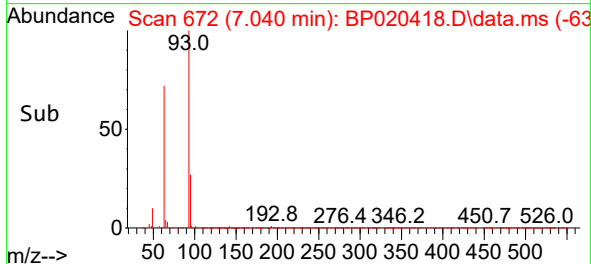
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion: 93 Resp: 25850
Ion Ratio Lower Upper
93 100
63 75.1 59.5 89.3
95 31.0 25.3 37.9

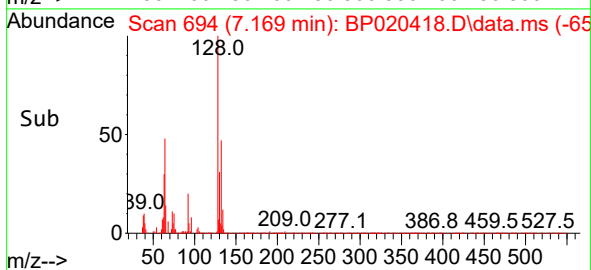
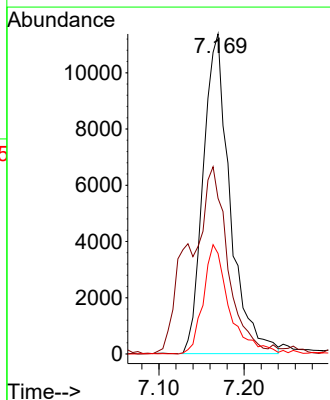
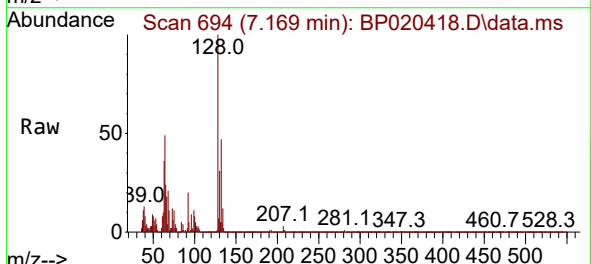
Manual Integrations
APPROVED

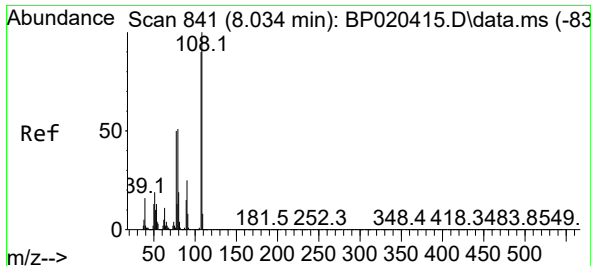
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



#12
2-Chlorophenol
Concen: 4.540 ng/ul
RT: 7.169 min Scan# 694
Delta R.T. 0.012 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

Tgt Ion:128 Resp: 24892
Ion Ratio Lower Upper
128 100
64 48.6 43.8 65.6
130 31.4 26.5 39.7





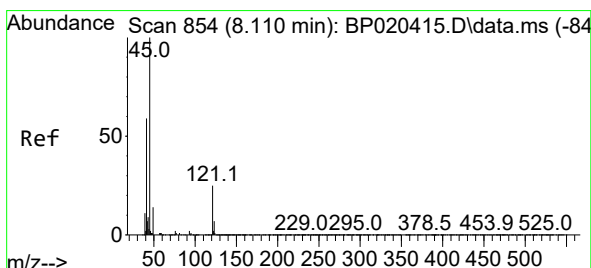
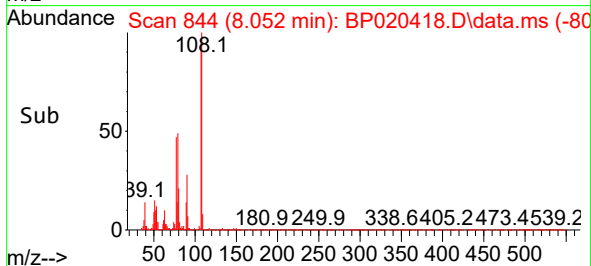
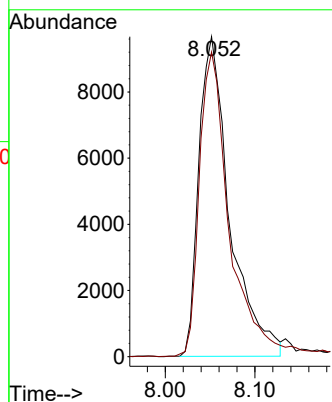
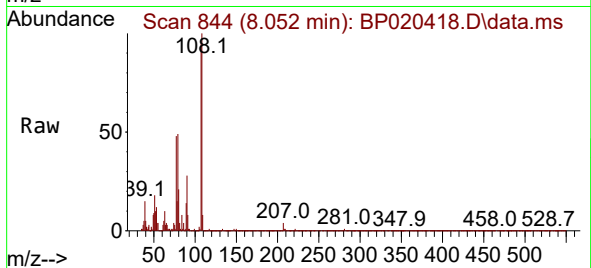
#13
2-Methylphenol
Concen: 4.084 ng/ul
RT: 8.052 min Scan# 841
Delta R.T. 0.018 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04

Tgt Ion:108 Resp: 23099
Ion Ratio Lower Upper
108 100
107 95.2 73.0 109.6

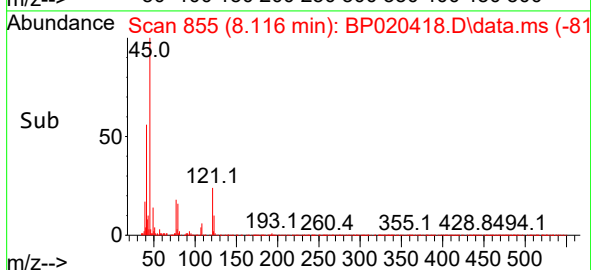
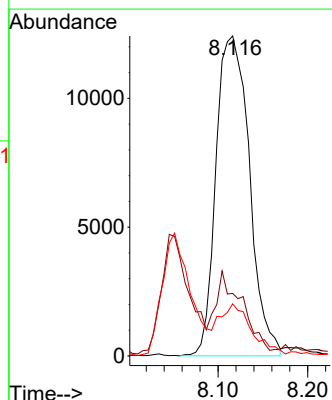
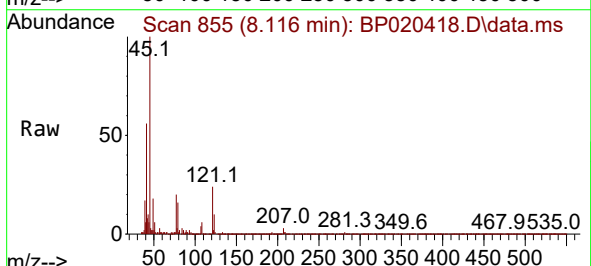
Manual Integrations
APPROVED

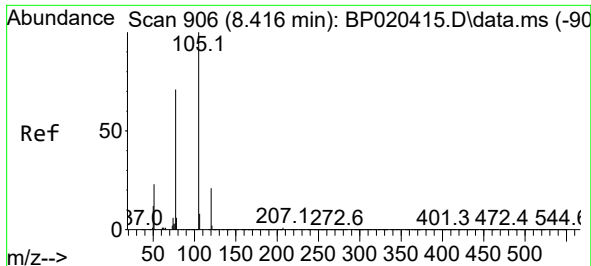
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.328 ng/ul
RT: 8.116 min Scan# 855
Delta R.T. 0.012 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

Tgt Ion: 45 Resp: 32033
Ion Ratio Lower Upper
45 100
77 19.5 13.8 20.8
79 16.3 10.9 16.3





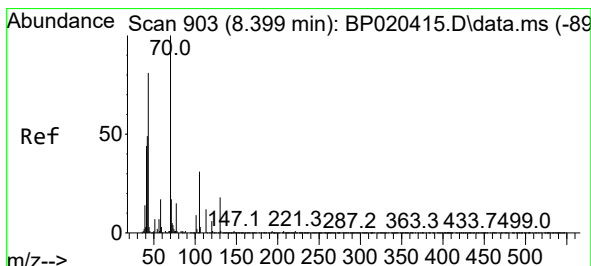
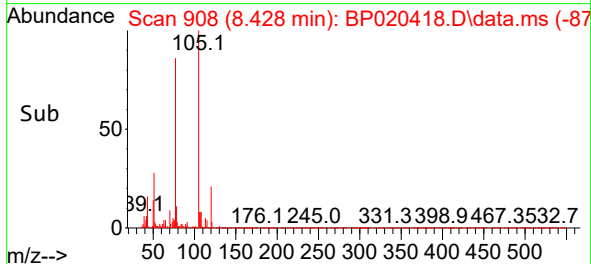
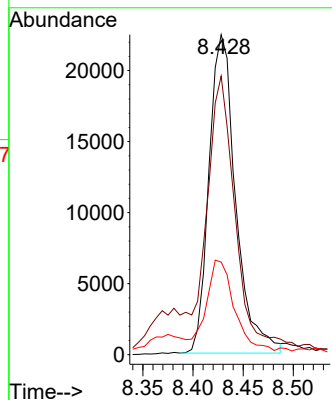
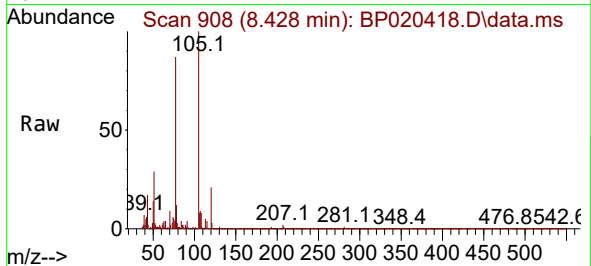
#16
Acetophenone
Concen: 4.218 ng/ul
RT: 8.428 min Scan# 906
Delta R.T. 0.012 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04

Tgt Ion:105 Resp: 4157
Ion Ratio Lower Upper
105 100
77 87.1 66.4 99.6
51 28.9 23.9 35.9

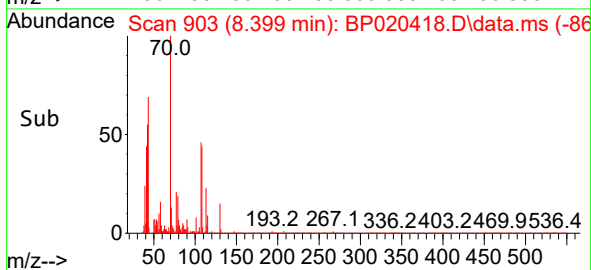
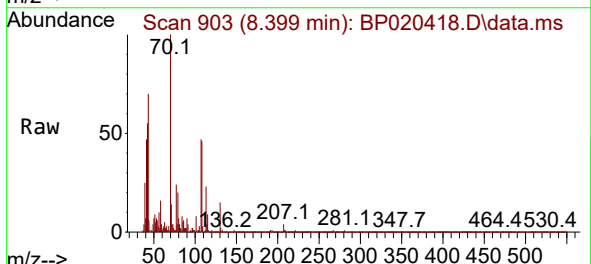
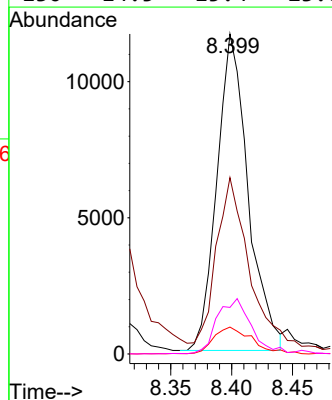
Manual Integrations
APPROVED

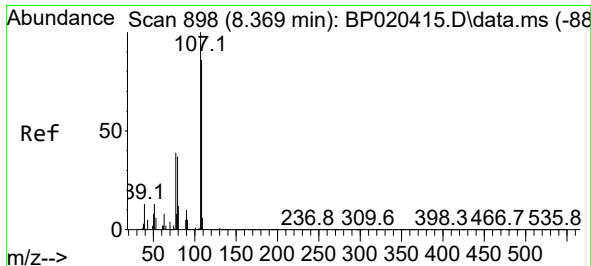
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



#17
N-Nitroso-di-n-propylamine
Concen: 3.882 ng/ul
RT: 8.399 min Scan# 903
Delta R.T. 0.012 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

Tgt Ion: 70 Resp: 20766
Ion Ratio Lower Upper
70 100
42 55.1 46.2 69.4
101 8.4 7.8 11.6
130 14.5 15.4 23.0





#18

4-Methylphenol

Concen: 4.115 ng/ul m

RT: 8.381 min Scan# 900

Delta R.T. 0.012 min

Lab File: BP020418.D

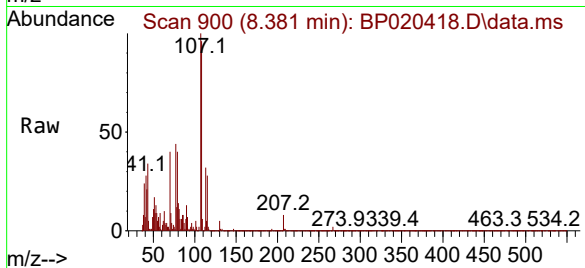
Acq: 17 May 2024 10:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-04



Tgt Ion:108 Resp: 2529

Ion Ratio Lower Upper

108 100

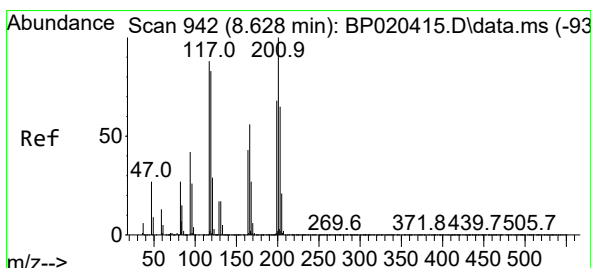
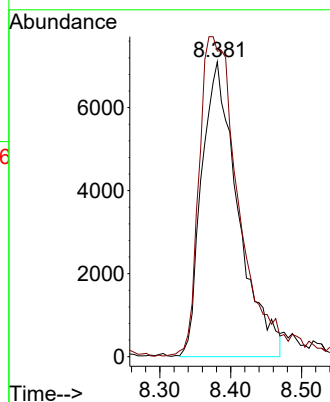
107 103.6 88.2 132.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2024

Supervised By :mohammad ahmed 05/18/2024



#19

Hexachloroethane

Concen: 4.655 ng/ul

RT: 8.628 min Scan# 942

Delta R.T. 0.000 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

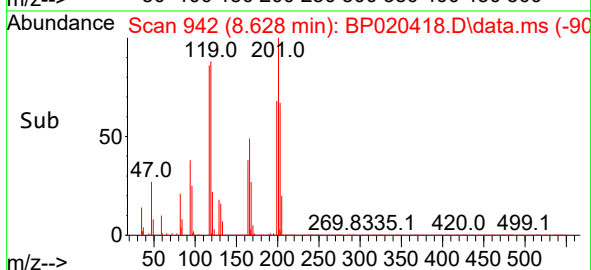
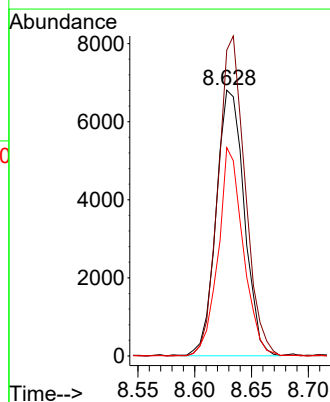
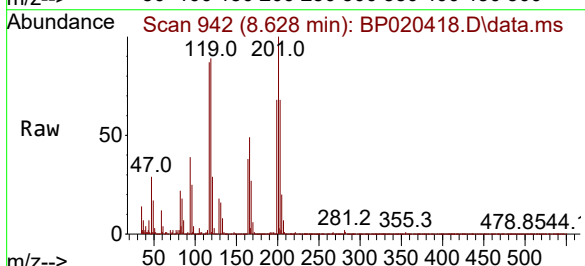
Tgt Ion:117 Resp: 11670

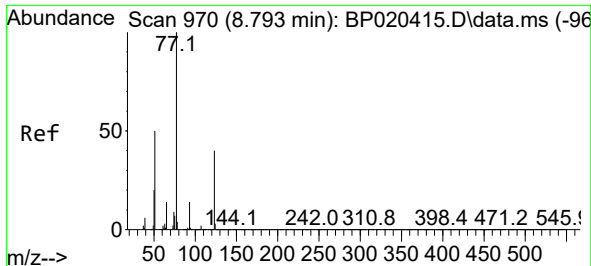
Ion Ratio Lower Upper

117 100

201 115.1 84.0 126.0

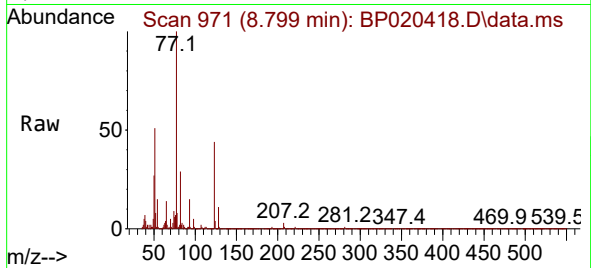
199 78.4 53.4 80.2





#22
Nitrobenzene
Concen: 4.168 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

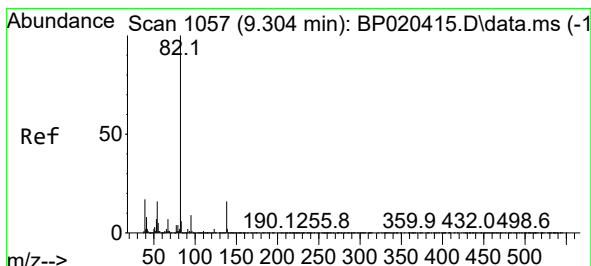
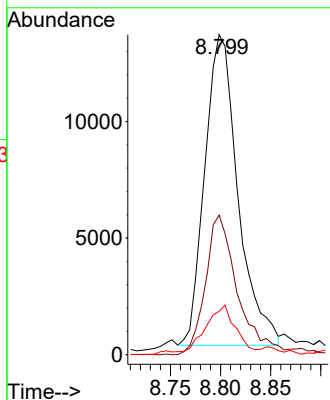
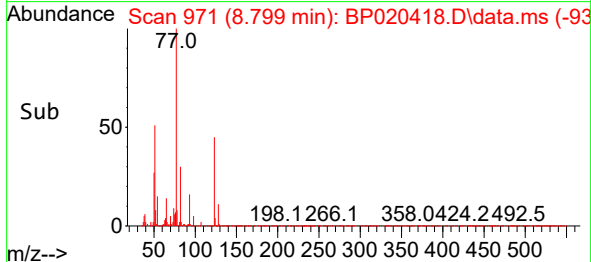
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04



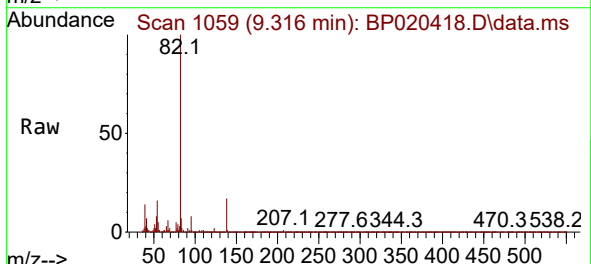
Tgt Ion: 77 Resp: 3068
Ion Ratio Lower Upper
77 100
123 43.6 31.4 47.2
65 13.5 11.4 17.2

Manual Integrations
APPROVED

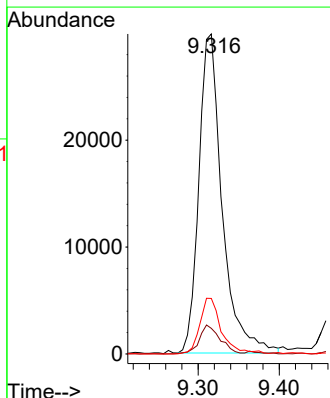
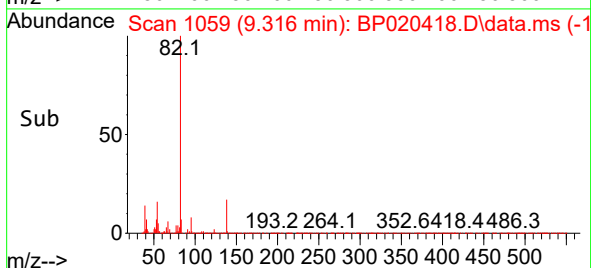
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024

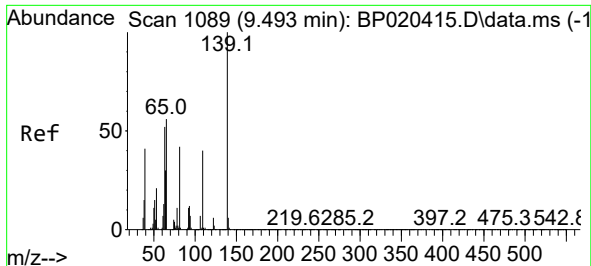


#23
Isophorone
Concen: 4.212 ng/ul
RT: 9.316 min Scan# 1059
Delta R.T. 0.012 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49



Tgt Ion: 82 Resp: 59608
Ion Ratio Lower Upper
82 100
95 8.0 6.6 9.8
138 17.4 12.9 19.3





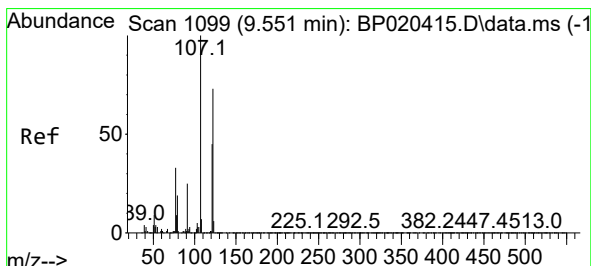
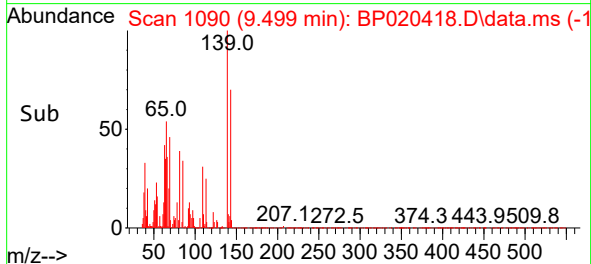
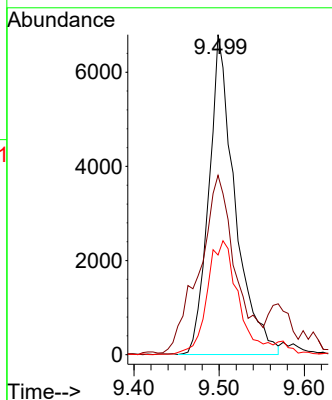
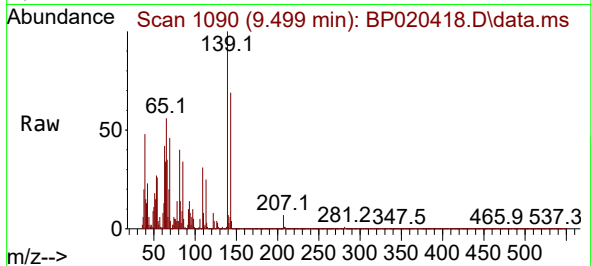
#25
2-Nitrophenol
Concen: 4.754 ng/ul
RT: 9.499 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04

Tgt Ion	Ratio	Lower	Upper
139	100		
65	56.1	53.8	80.6
109	31.2	35.3	52.9

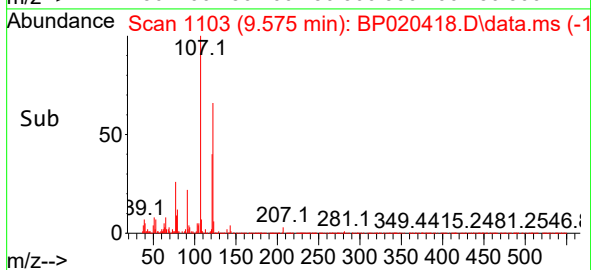
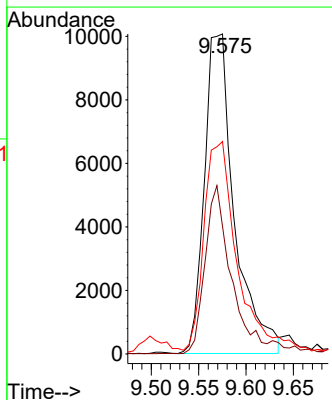
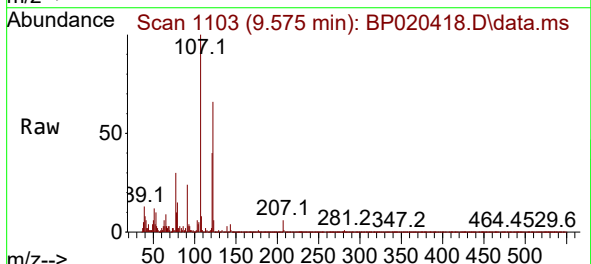
Manual Integrations
APPROVED

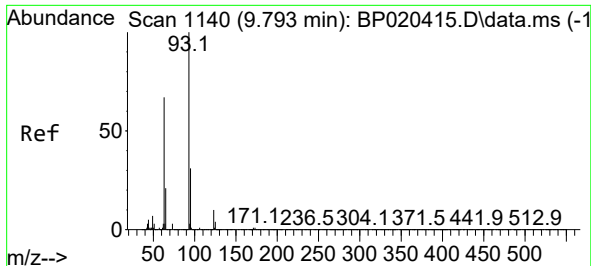
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



#26
2,4-Dimethylphenol
Concen: 3.345 ng/ul
RT: 9.575 min Scan# 1103
Delta R.T. 0.029 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

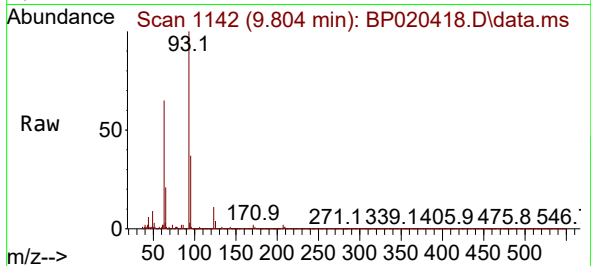
Tgt Ion	Ratio	Lower	Upper
107	100		
121	39.9	36.0	54.0
122	66.4	59.4	89.2





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.150 ng/ul
 RT: 9.804 min Scan# 1140
 Delta R.T. 0.018 min
 Lab File: BP020418.D
 Acq: 17 May 2024 10:49

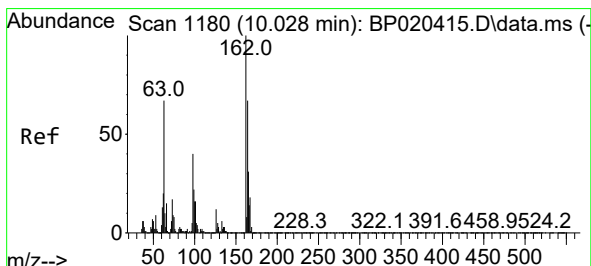
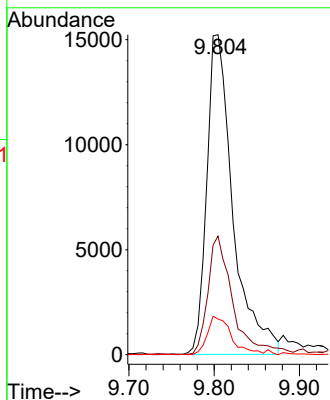
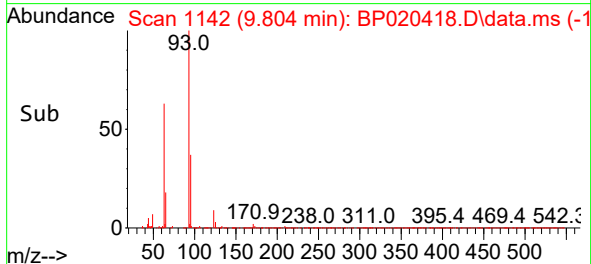
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2024-04



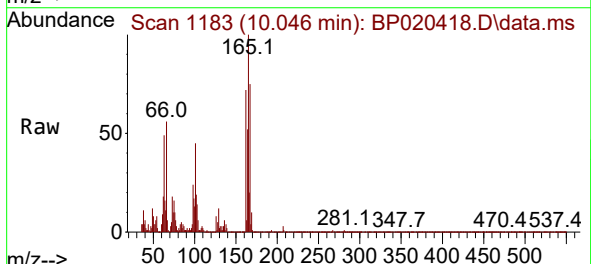
Tgt Ion: 93 Resp: 32564
 Ion Ratio Lower Upper
 93 100
 95 37.0 25.6 38.4
 123 11.2 8.3 12.5

Manual Integrations
 APPROVED

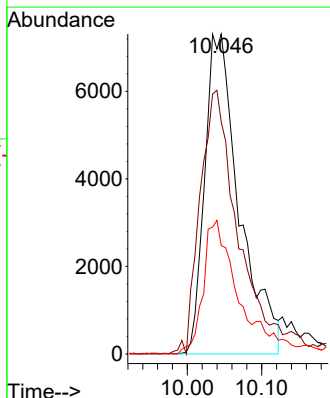
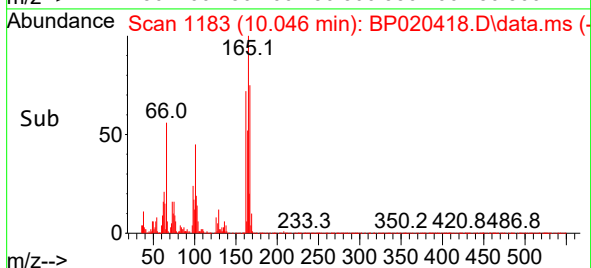
Reviewed By :Yogesh Patel 05/18/2024
 Supervised By :mohammad ahmed 05/18/2024

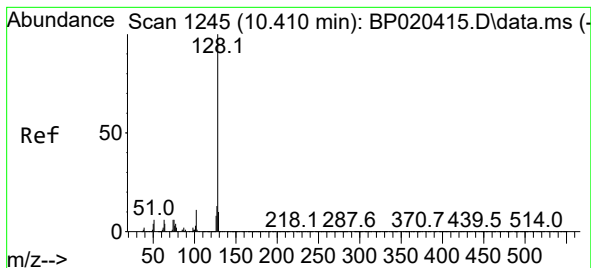


#29
 2,4-Dichlorophenol
 Concen: 4.543 ng/ul m
 RT: 10.046 min Scan# 1183
 Delta R.T. 0.018 min
 Lab File: BP020418.D
 Acq: 17 May 2024 10:49



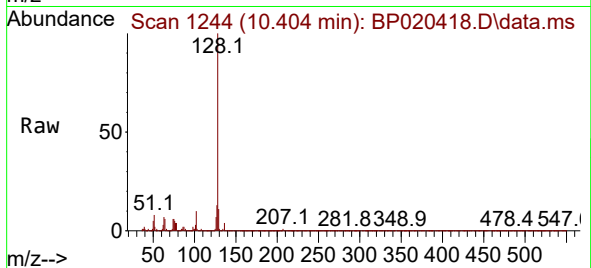
Tgt Ion:162 Resp: 23676
 Ion Ratio Lower Upper
 162 100
 164 72.4 53.1 79.7
 98 33.9 31.4 47.2





#30
Naphthalene
Concen: 4.847 ng/ul
RT: 10.404 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

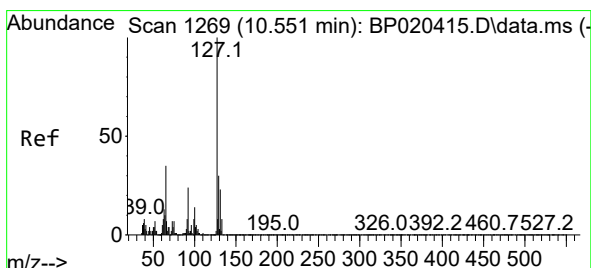
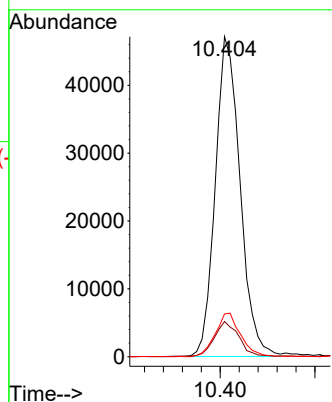
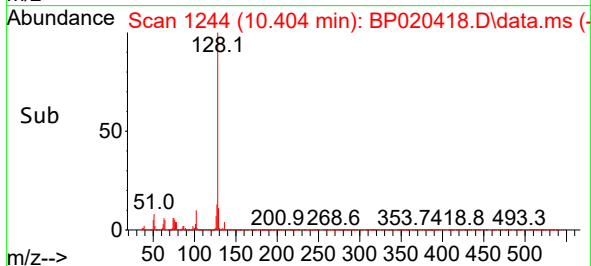
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion:128 Resp: 8555
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.6 16.0

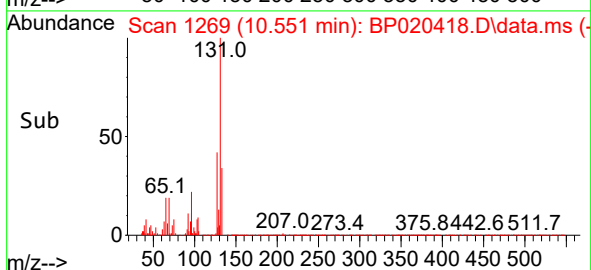
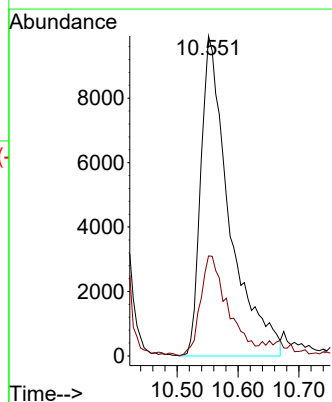
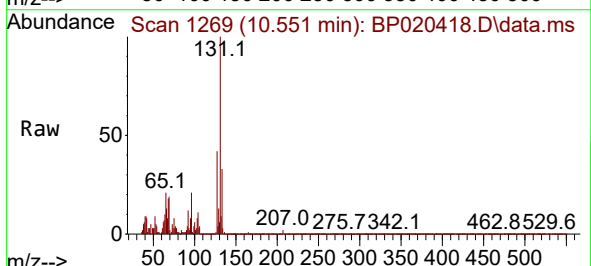
Manual Integrations
APPROVED

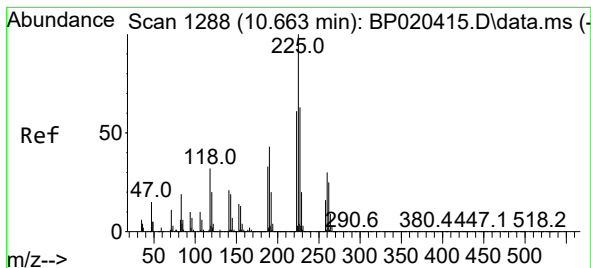
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



#32
4-Chloroaniline
Concen: 4.407 ng/ul
RT: 10.551 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

Tgt Ion:127 Resp: 32318
Ion Ratio Lower Upper
127 100
129 31.2 24.8 37.2





#33

Hexachlorobutadiene

Concen: 5.103 ng/ul

RT: 10.663 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-04

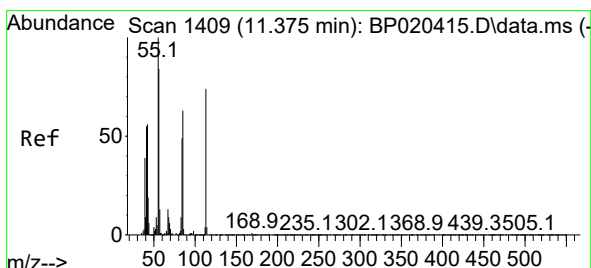
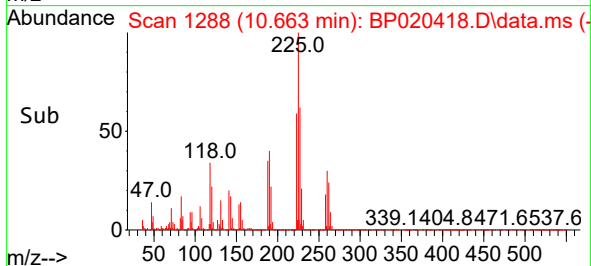
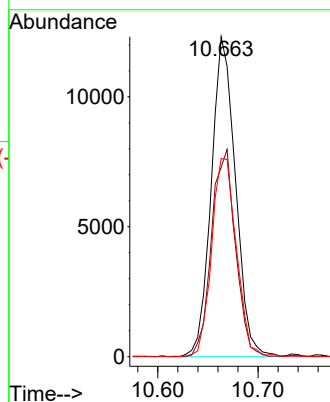
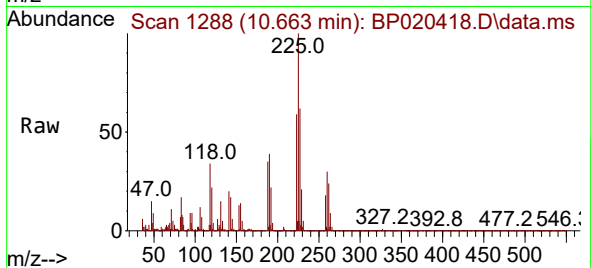
Tgt Ion:	225	Resp:	2065
Ion Ratio	Lower	Upper	
225	100		
223	59.2	53.2	79.8
227	61.9	51.4	77.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2024

Supervised By :mohammad ahmed 05/18/2024



#34

Caprolactam

Concen: 4.693 ng/ul m

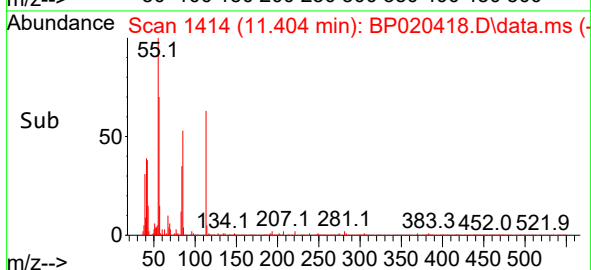
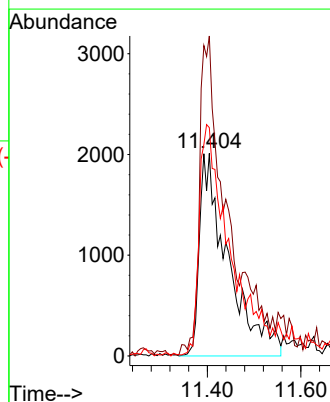
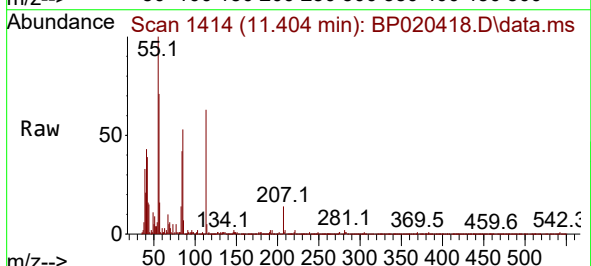
RT: 11.404 min Scan# 1414

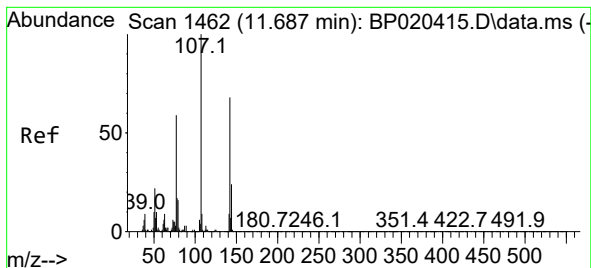
Delta R.T. 0.041 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

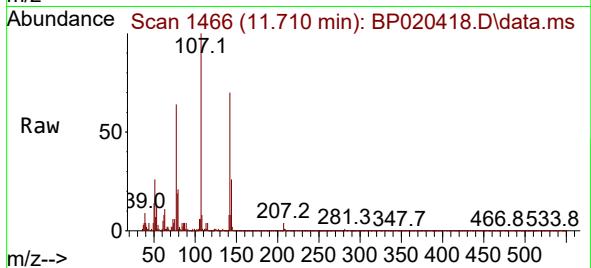
Tgt Ion:	113	Resp:	8540
Ion Ratio	Lower	Upper	
113	100		
55	157.9	131.0	196.6
56	112.7	105.4	158.2





#35
4-Chloro-3-methylphenol
Concen: 3.820 ng/ul
RT: 11.710 min Scan# 1466
Delta R.T. 0.029 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

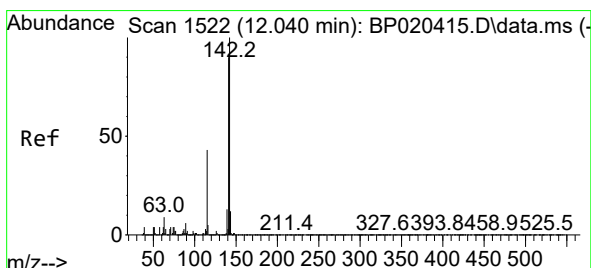
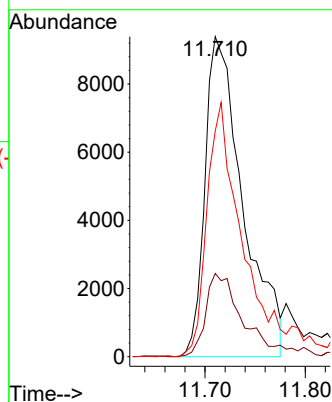
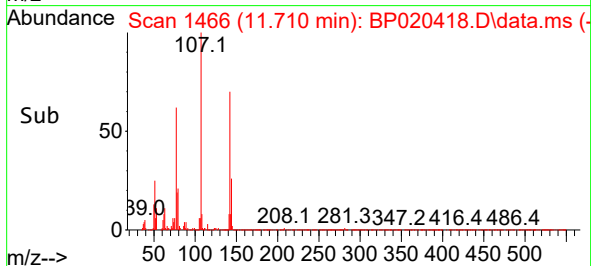
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion:107 Resp: 24790
Ion Ratio Lower Upper
107 100
144 26.0 18.3 27.5
142 70.5 56.6 84.8

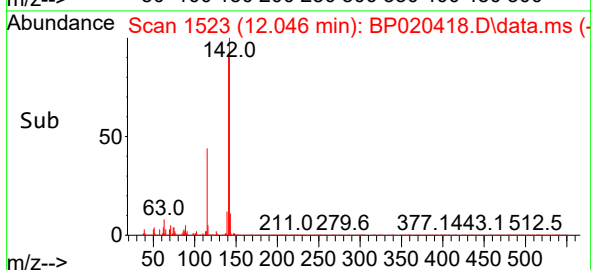
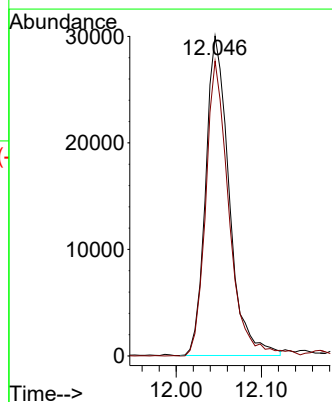
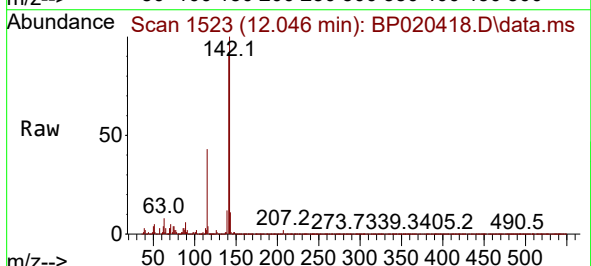
Manual Integrations
APPROVED

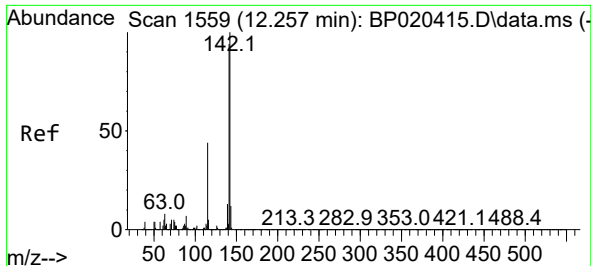
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



#36
2-Methylnaphthalene
Concen: 4.691 ng/ul
RT: 12.046 min Scan# 1523
Delta R.T. 0.012 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

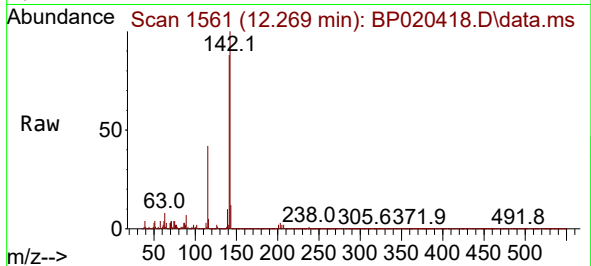
Tgt Ion:142 Resp: 57609
Ion Ratio Lower Upper
142 100
141 92.1 74.6 111.8





#37
1-Methylnaphthalene
Concen: 5.010 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. 0.012 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

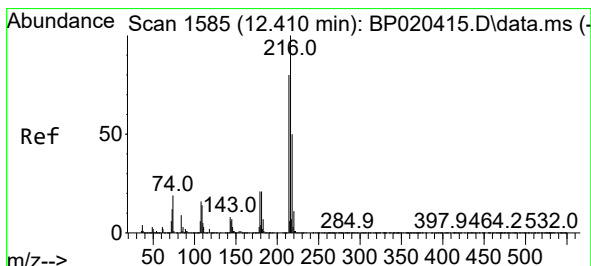
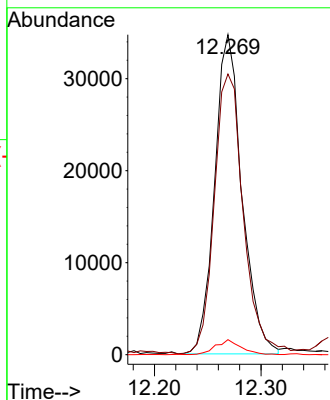
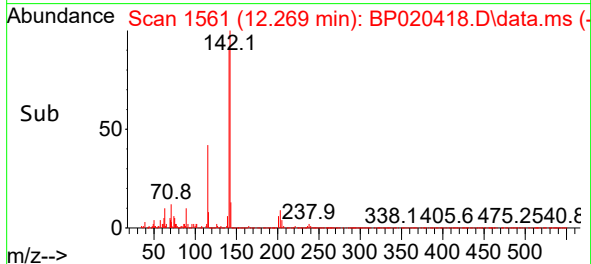
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04



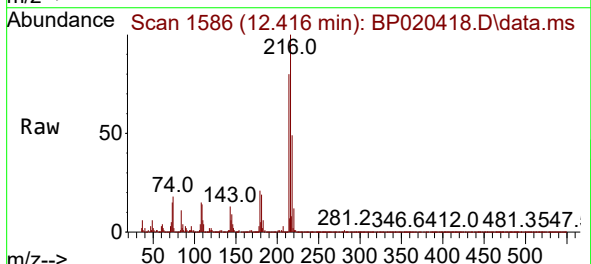
Tgt Ion:142 Resp: 61910
Ion Ratio Lower Upper
142 100
141 87.7 75.5 113.3
116 4.7 3.9 5.9

Manual Integrations
APPROVED

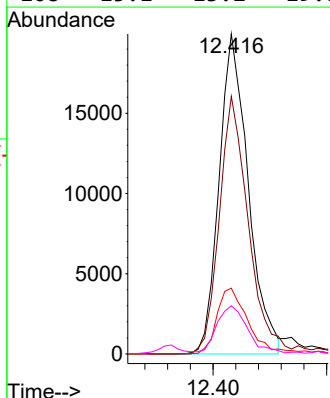
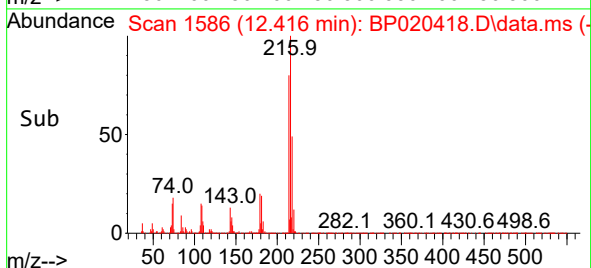
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024

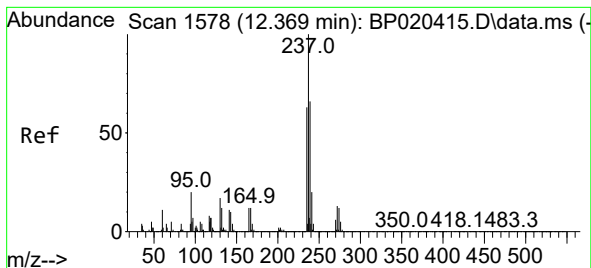


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.708 ng/ul
RT: 12.416 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49



Tgt Ion:216 Resp: 35467
Ion Ratio Lower Upper
216 100
214 80.5 61.3 91.9
179 20.6 16.9 25.3
108 15.1 13.2 19.8





#40

Hexachlorocyclopentadiene

Concen: 5.350 ng/ul

RT: 12.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-04

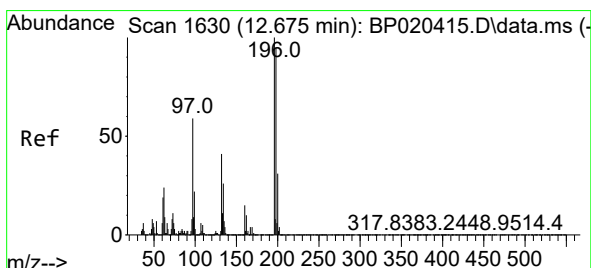
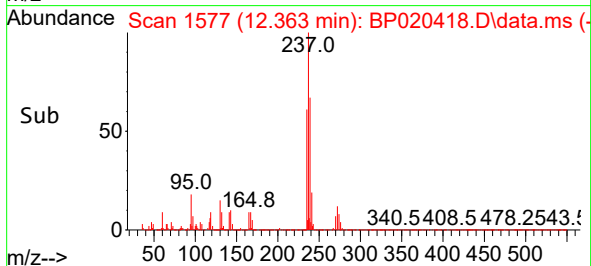
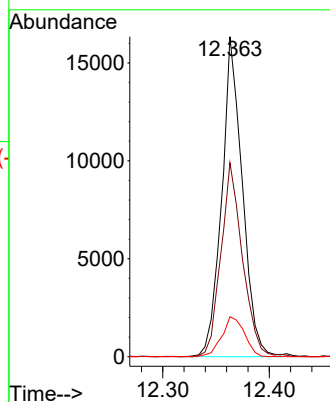
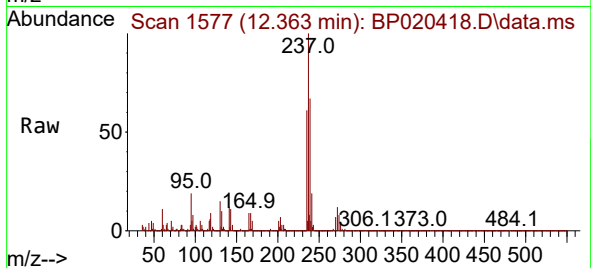
Tgt Ion:	237	Resp:	21918
Ion Ratio	Lower	Upper	
237	100		
235	60.6	52.4	78.6
272	12.5	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2024

Supervised By :mohammad ahmed 05/18/2024



#41

2,4,6-Trichlorophenol

Concen: 4.296 ng/ul m

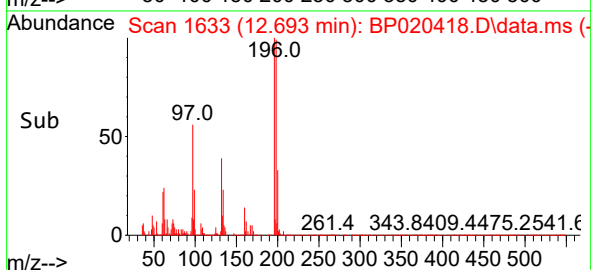
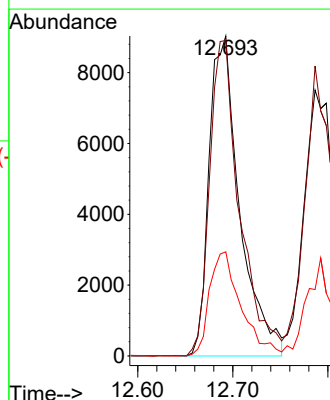
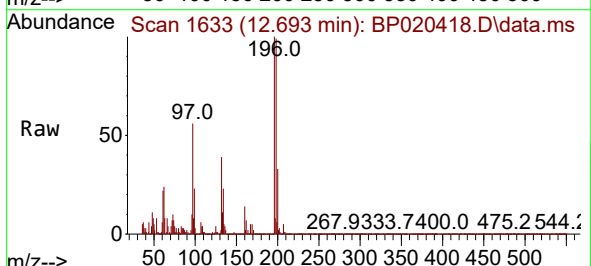
RT: 12.693 min Scan# 1633

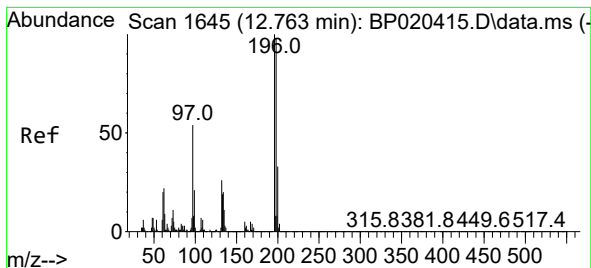
Delta R.T. 0.018 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Tgt Ion:	196	Resp:	20293
Ion Ratio	Lower	Upper	
196	100		
198	98.6	75.8	113.8
200	32.5	24.8	37.2





#42

2,4,5-Trichlorophenol

Concen: 4.401 ng/ul

RT: 12.787 min Scan# 1649

Delta R.T. 0.029 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-04

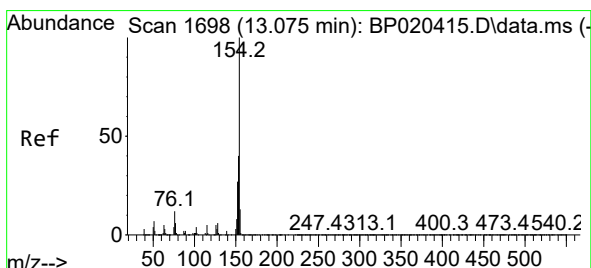
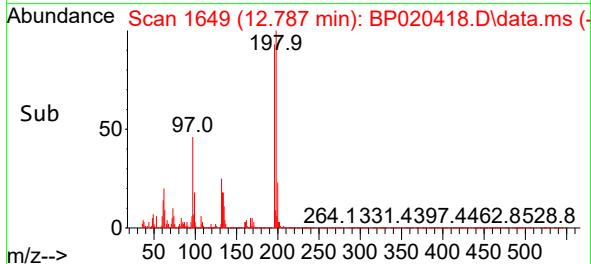
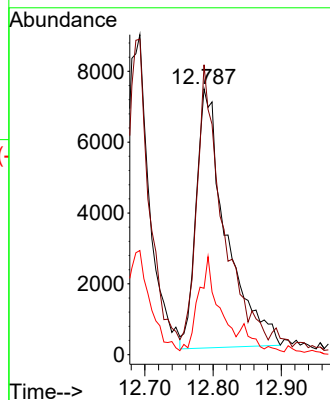
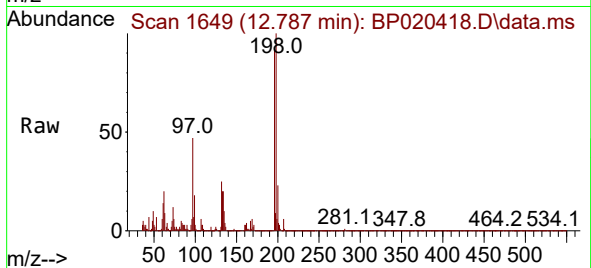
Tgt Ion:	196	Resp:	22370
Ion Ratio	Lower	Upper	
196	100		
198	109.0	73.5	110.3
200	25.0	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2024

Supervised By :mohammad ahmed 05/18/2024



#43

1,1'-Biphenyl

Concen: 4.657 ng/ul

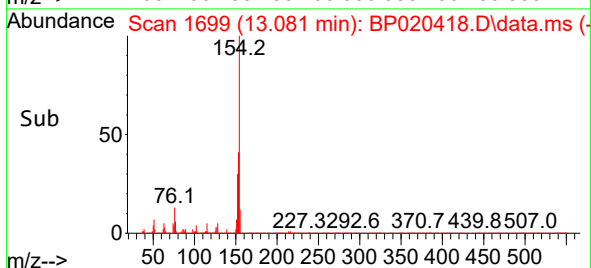
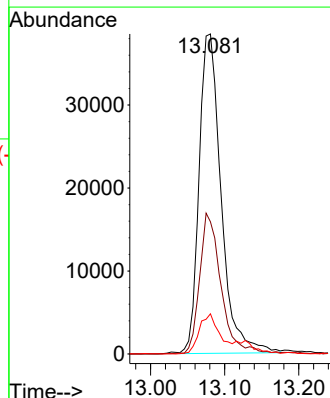
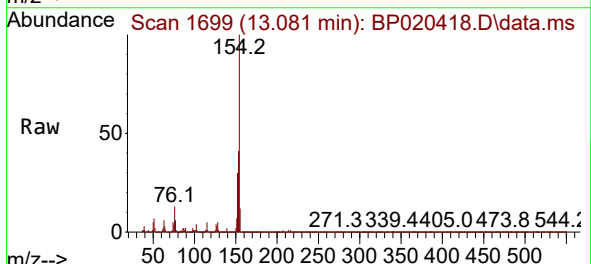
RT: 13.081 min Scan# 1699

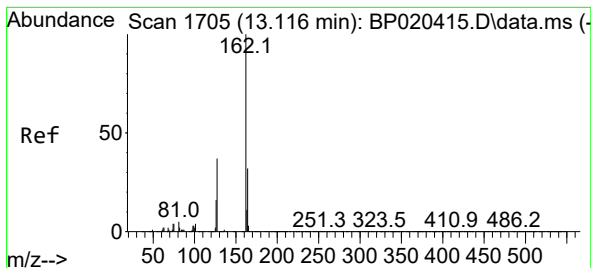
Delta R.T. 0.006 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

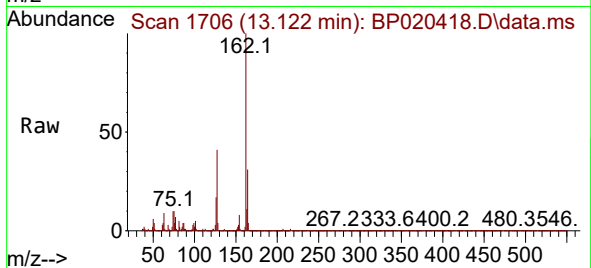
Tgt Ion:	154	Resp:	79554
Ion Ratio	Lower	Upper	
154	100		
153	41.3	33.1	49.7
76	12.5	9.7	14.5





#44
2-Chloronaphthalene
Concen: 4.809 ng/ul
RT: 13.122 min Scan# 1705
Delta R.T. 0.006 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

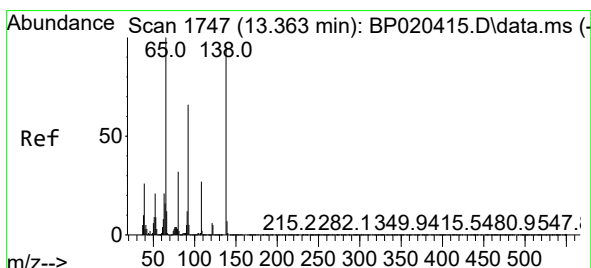
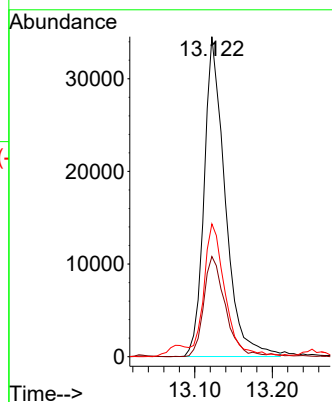
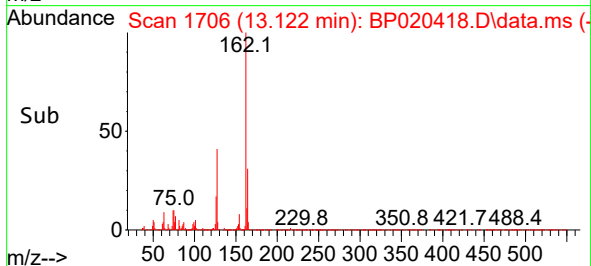
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04



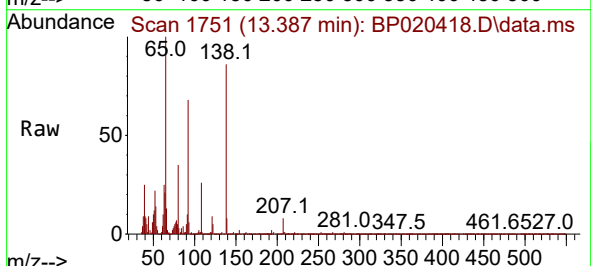
Tgt Ion:162 Resp: 65188
Ion Ratio Lower Upper
162 100
164 31.3 26.1 39.1
127 41.5 33.6 50.4

Manual Integrations
APPROVED

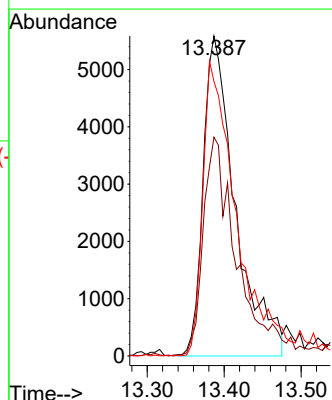
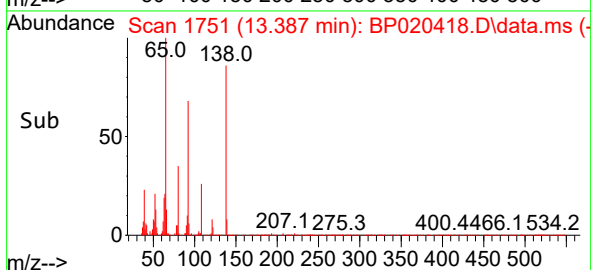
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024

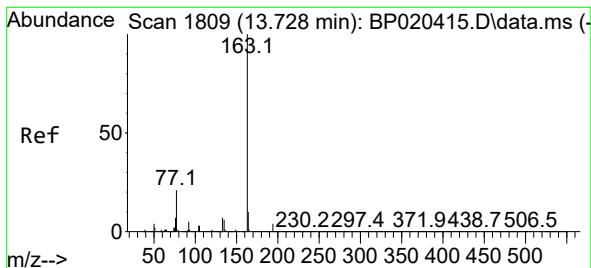


#45
2-Nitroaniline
Concen: 3.623 ng/ul m
RT: 13.387 min Scan# 1751
Delta R.T. 0.024 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49



Tgt Ion: 65 Resp: 16289
Ion Ratio Lower Upper
65 100
92 68.3 55.6 83.4
138 85.8 73.1 109.7





#47

Dimethylphthalate

Concen: 4.957 ng/ul

RT: 13.734 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-04

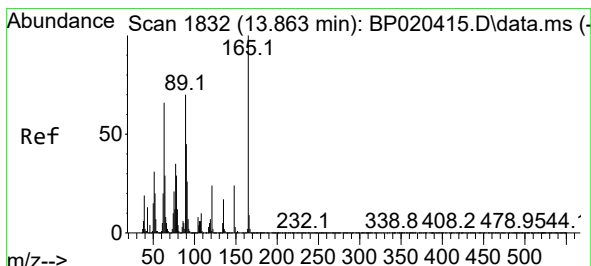
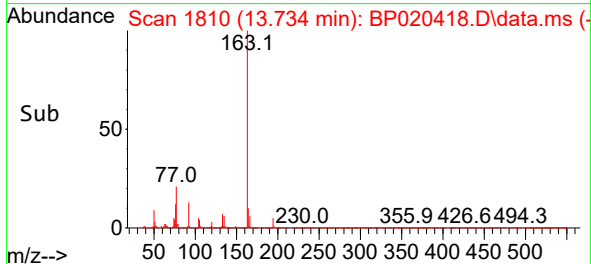
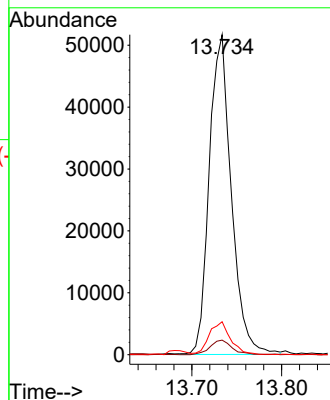
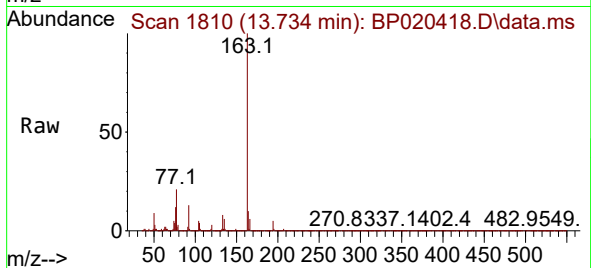
Tgt Ion:	163	Resp:	88318
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.1	4.7
164	10.3	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2024

Supervised By :mohammad ahmed 05/18/2024



#48

2,6-Dinitrotoluene

Concen: 4.401 ng/ul

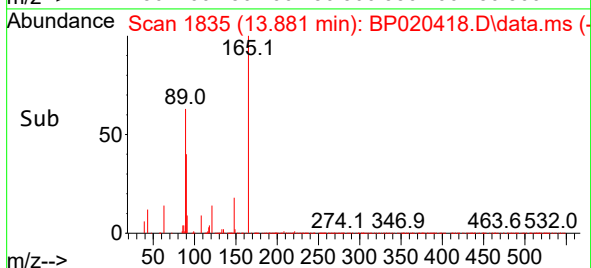
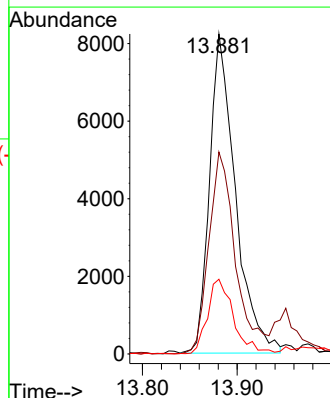
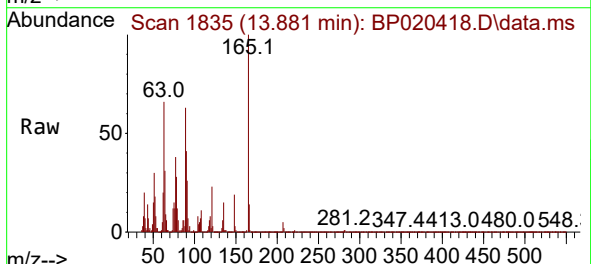
RT: 13.881 min Scan# 1835

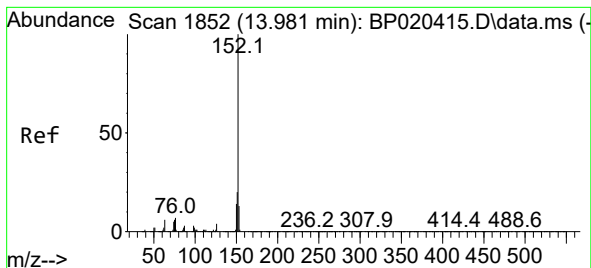
Delta R.T. 0.006 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Tgt Ion:	165	Resp:	15586
Ion Ratio	Lower	Upper	
165	100		
89	63.1	51.0	76.6
121	23.3	18.5	27.7





#50

Acenaphthylene

Concen: 4.954 ng/ul

RT: 13.981 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-04

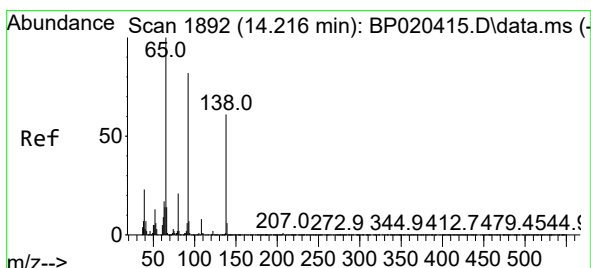
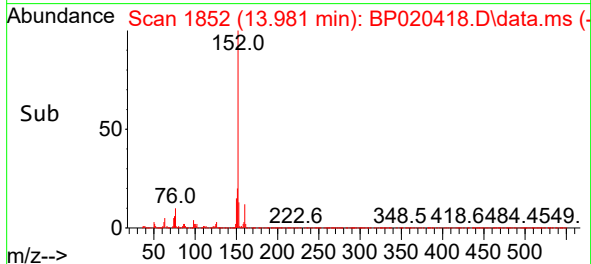
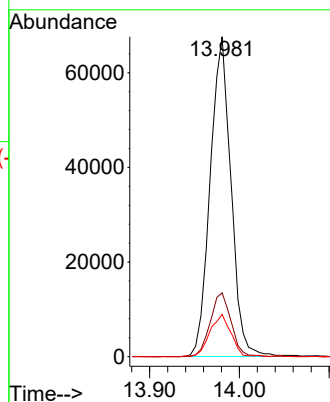
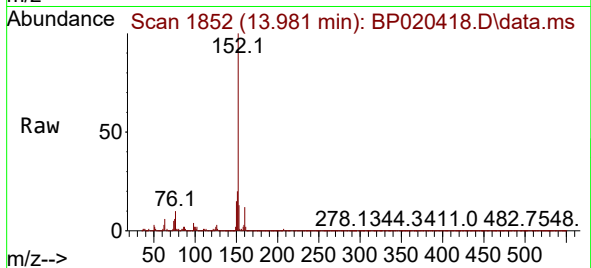
Tgt Ion:	152	Resp:	108574
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.5	24.7
153	13.2	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2024

Supervised By :mohammad ahmed 05/18/2024



#51

3-Nitroaniline

Concen: 3.730 ng/ul m

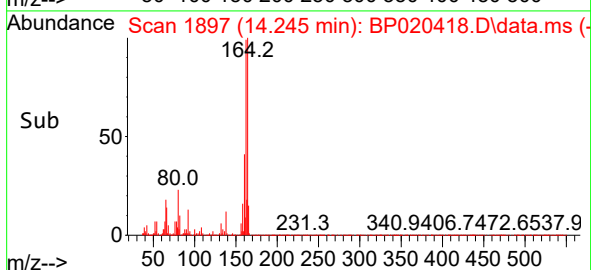
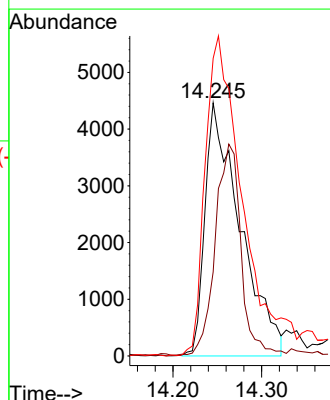
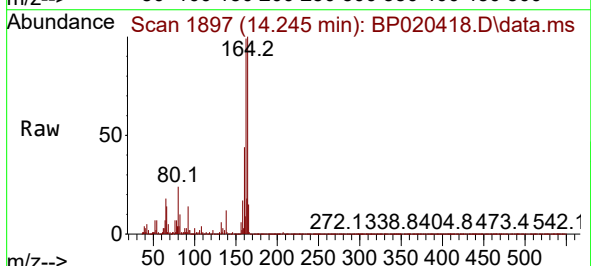
RT: 14.245 min Scan# 1897

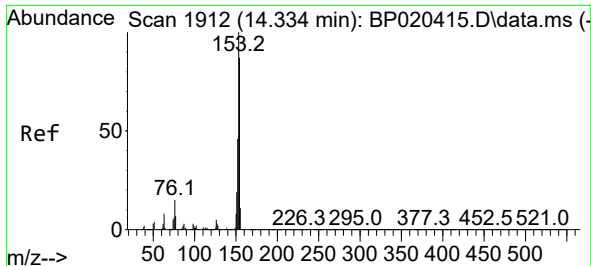
Delta R.T. 0.018 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

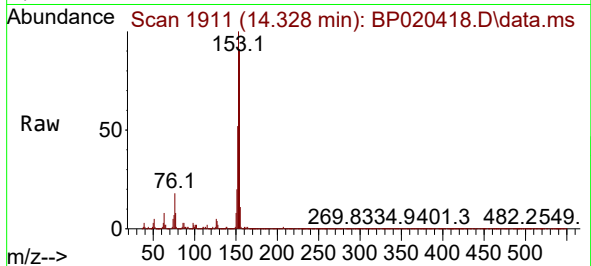
Tgt Ion:	138	Resp:	12322
Ion Ratio	Lower	Upper	
138	100		
108	33.2	10.8	16.2#
92	117.6	103.3	154.9





#52
Acenaphthene
Concen: 4.805 ng/ul
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

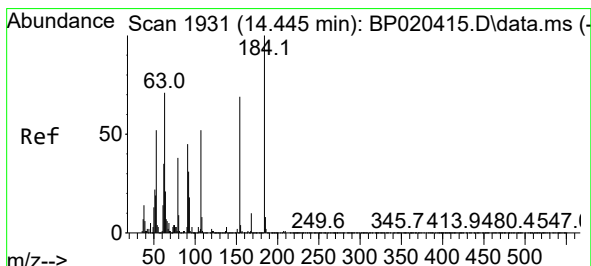
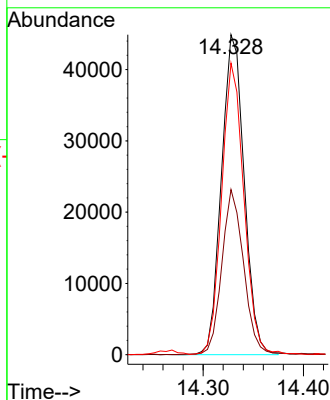
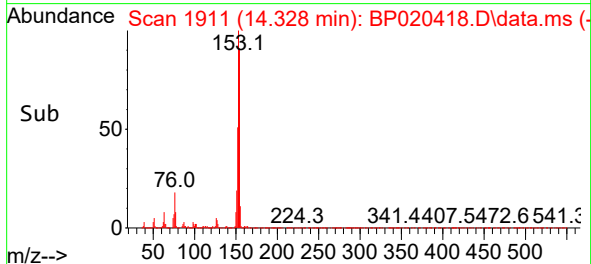
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04



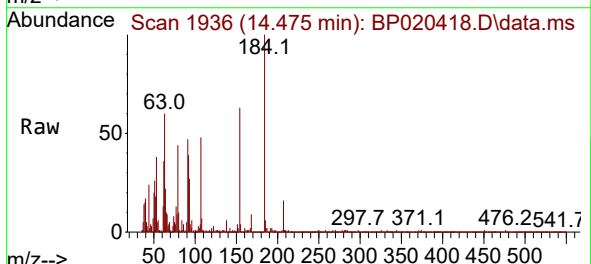
Tgt Ion:153 Resp: 7076
Ion Ratio Lower Upper
153 100
152 51.6 37.4 56.2
154 91.1 70.3 105.5

Manual Integrations
APPROVED

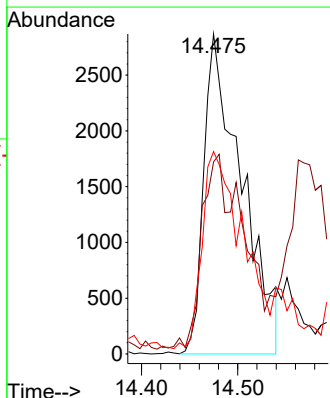
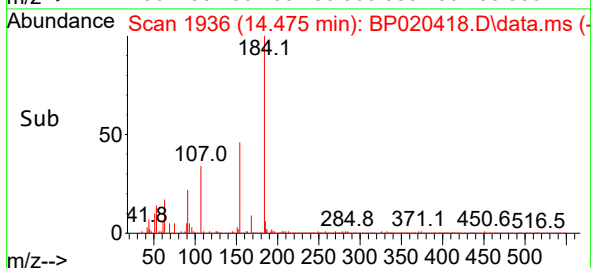
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024

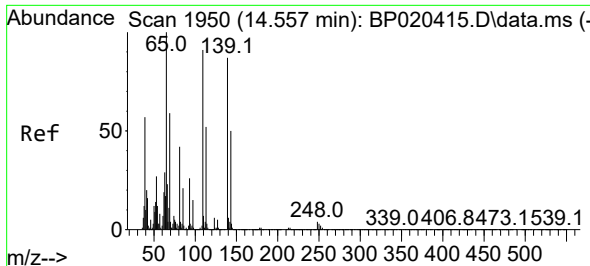


#53
2,4-Dinitrophenol
Concen: 3.592 ng/ul m
RT: 14.475 min Scan# 1936
Delta R.T. 0.018 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49



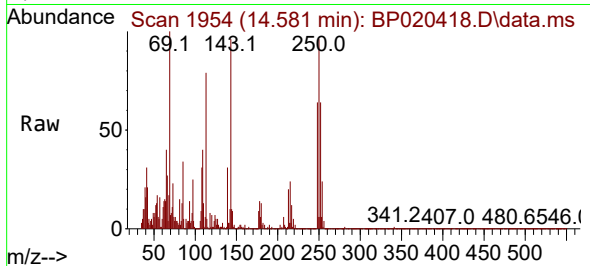
Tgt Ion:184 Resp: 7810
Ion Ratio Lower Upper
184 100
63 60.0 65.6 98.4#
154 63.2 53.8 80.8





#55
4-Nitrophenol
Concen: 4.511 ng/ul m
RT: 14.581 min Scan# 1954
Delta R.T. 0.024 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

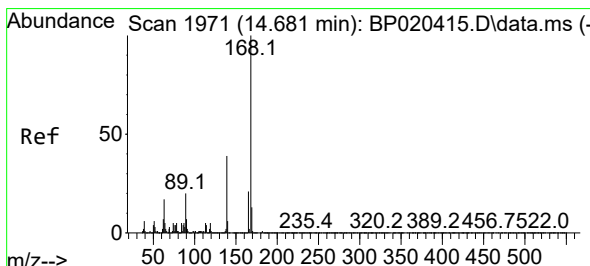
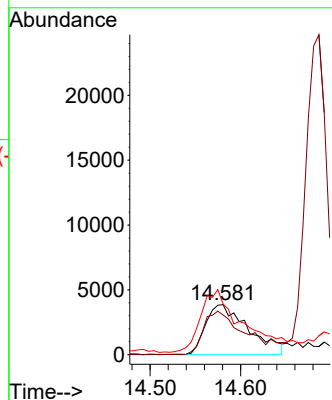
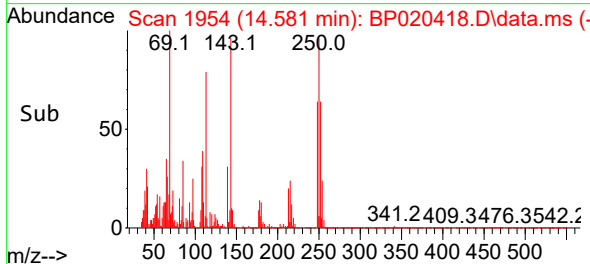
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion:109 Resp: 1273
Ion Ratio Lower Upper
109 100
139 79.2 78.4 117.6
65 101.2 101.8 152.6

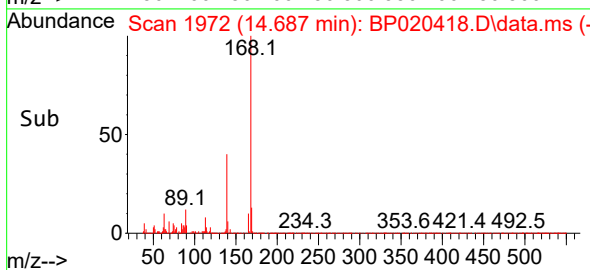
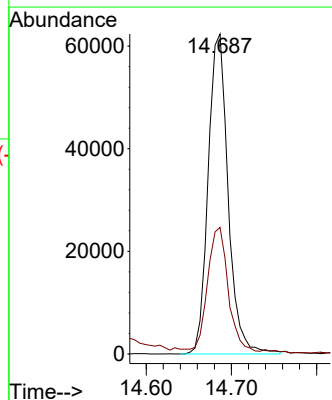
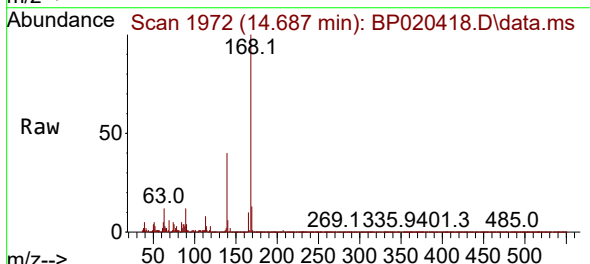
Manual Integrations
APPROVED

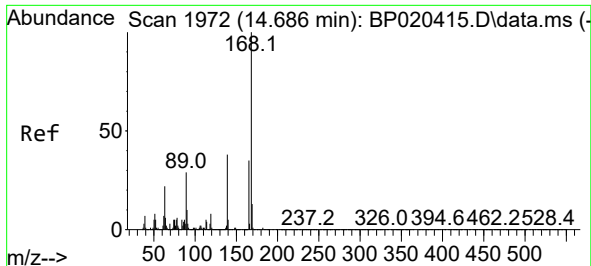
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



#56
Dibenzofuran
Concen: 5.021 ng/ul
RT: 14.687 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

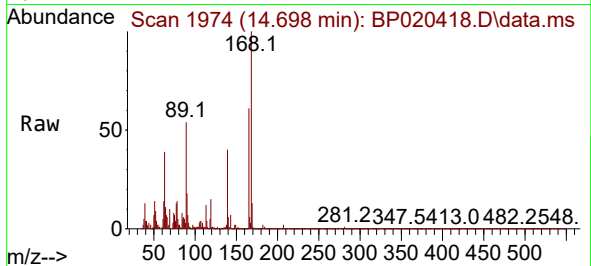
Tgt Ion:168 Resp: 101707
Ion Ratio Lower Upper
168 100
139 39.6 32.7 49.1





#57
2,4-Dinitrotoluene
Concen: 4.740 ng/ul
RT: 14.698 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

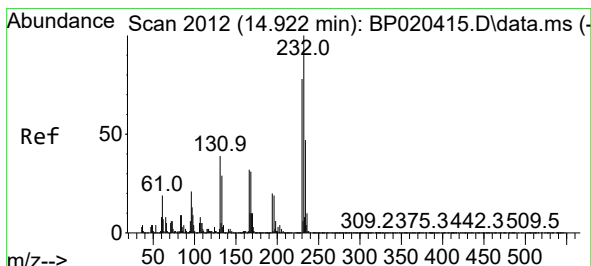
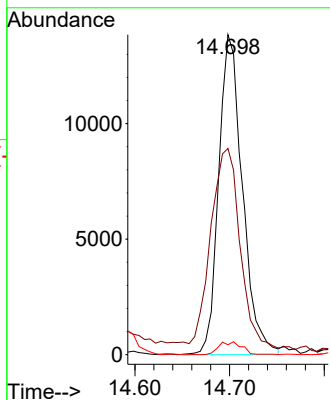
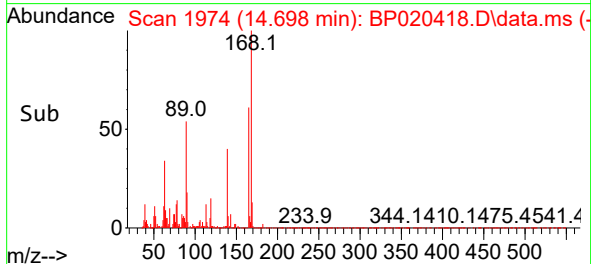
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04



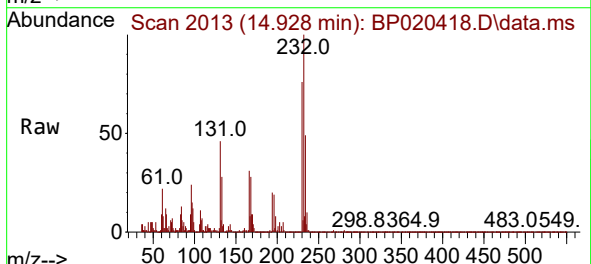
Tgt Ion:165 Resp: 24130
Ion Ratio Lower Upper
165 100
63 64.5 59.7 89.5
182 3.1 2.4 3.6

Manual Integrations
APPROVED

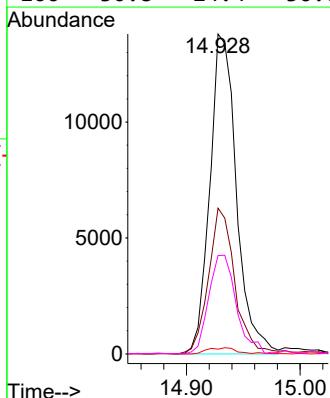
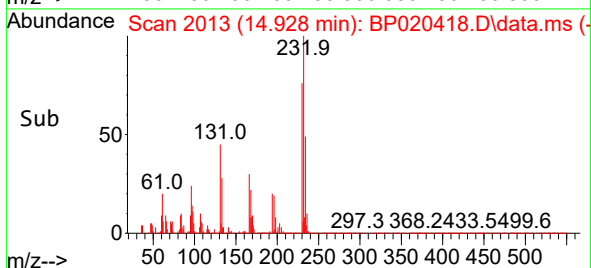
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024

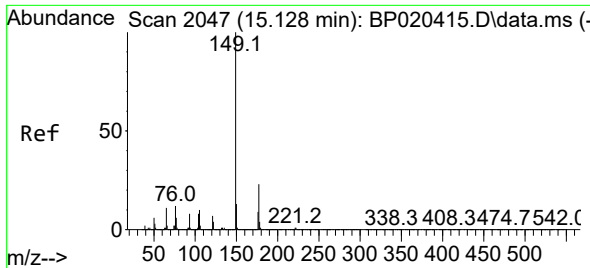


#58
2,3,4,6-Tetrachlorophenol
Concen: 4.921 ng/ul
RT: 14.928 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49



Tgt Ion:232 Resp: 22463
Ion Ratio Lower Upper
232 100
131 45.6 36.7 55.1
130 1.5 1.9 2.9#
166 30.8 24.4 36.6





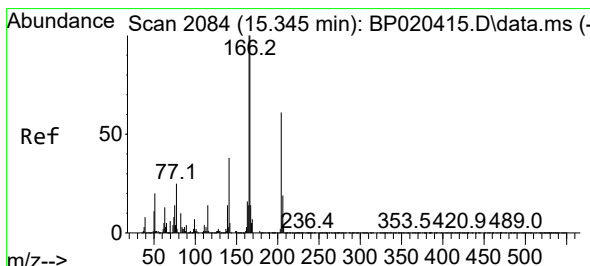
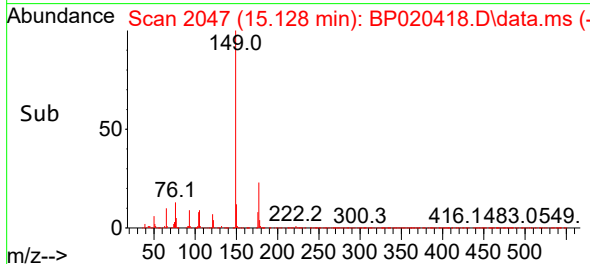
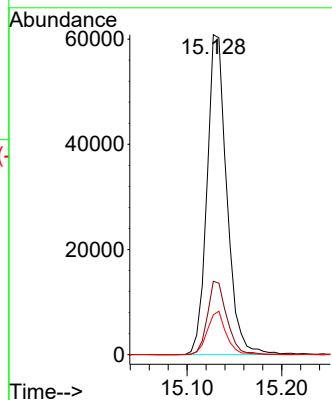
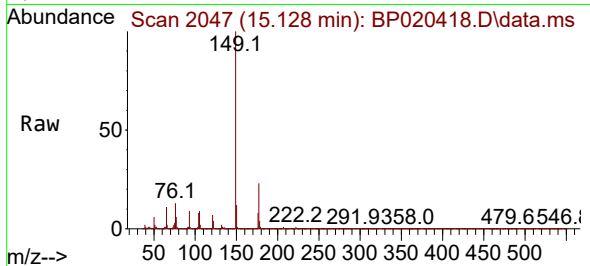
#59
Diethylphthalate
Concen: 4.957 ng/ul
RT: 15.128 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2024-04

Tgt Ion:149 Resp: 8815
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 12.4 10.2 15.2

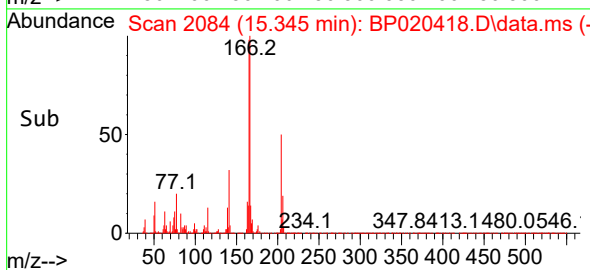
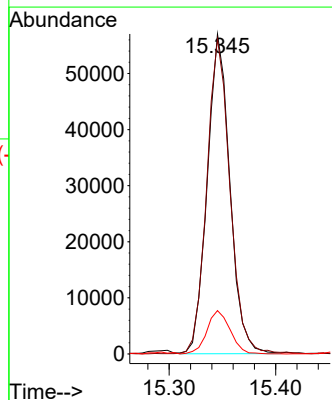
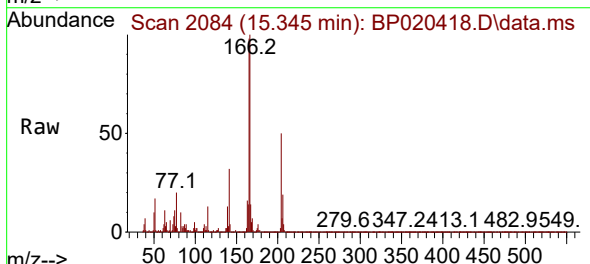
Manual Integrations
APPROVED

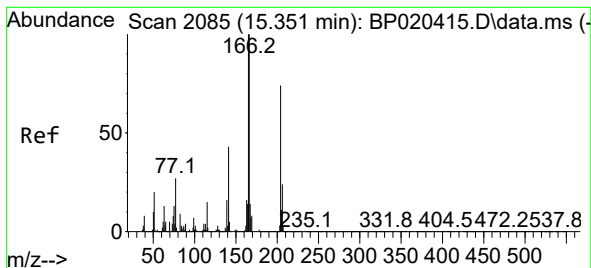
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



#61
Fluorene
Concen: 5.003 ng/ul
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

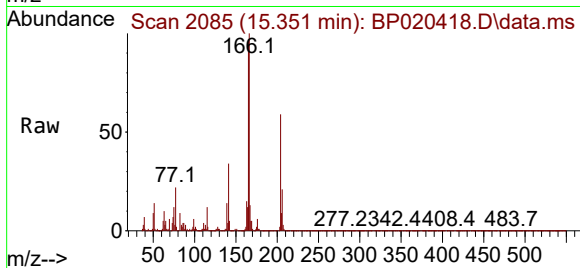
Tgt Ion:166 Resp: 84204
Ion Ratio Lower Upper
166 100
165 98.4 76.2 114.2
167 13.5 10.3 15.5





#62
4-Chlorophenyl-phenylether
Concen: 5.169 ng/ul
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

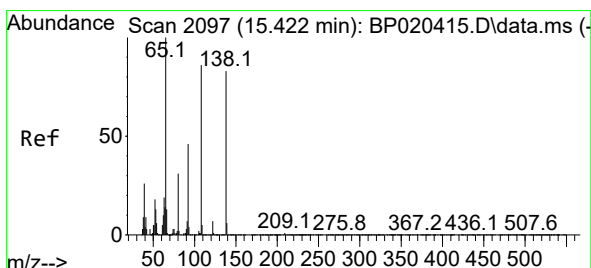
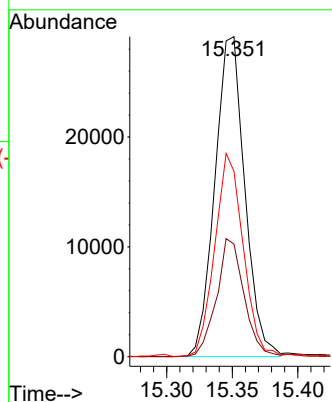
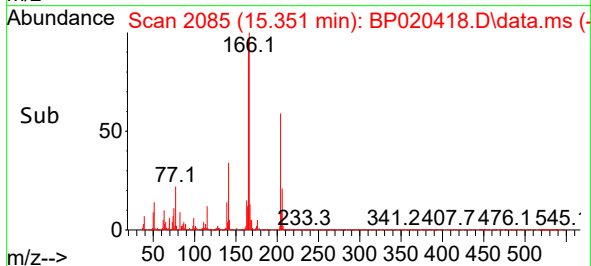
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2024-04



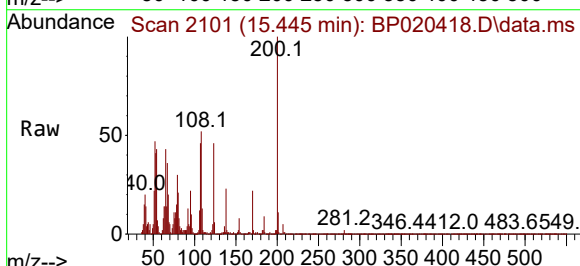
Tgt Ion: 204 Resp: 46154
Ion Ratio Lower Upper
204 100
206 35.2 25.4 38.2
141 58.0 53.0 79.6

Manual Integrations
APPROVED

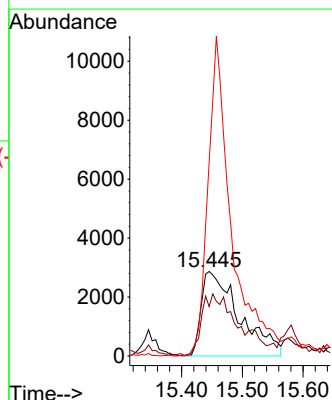
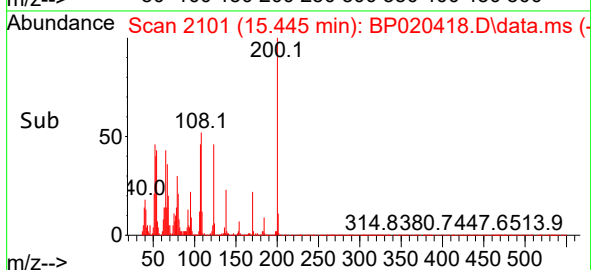
Reviewed By : Yogesh Patel 05/18/2024
Supervised By : mohammad ahmed 05/18/2024

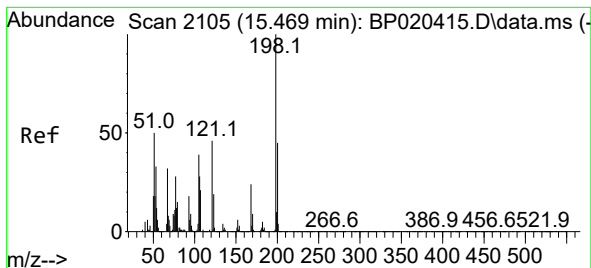


#63
4-Nitroaniline
Concen: 4.544 ng/ul m
RT: 15.445 min Scan# 2101
Delta R.T. 0.018 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49



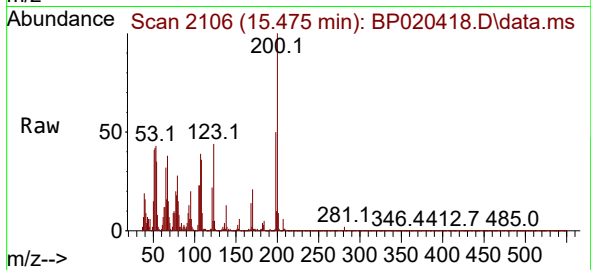
Tgt Ion: 138 Resp: 12510
Ion Ratio Lower Upper
138 100
92 58.6 47.6 71.4
108 229.7 90.5 135.7#





#66
4,6-Dinitro-2-methylphenol
Concen: 4.304 ng/ul
RT: 15.475 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

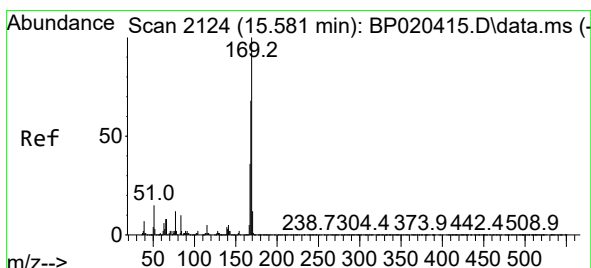
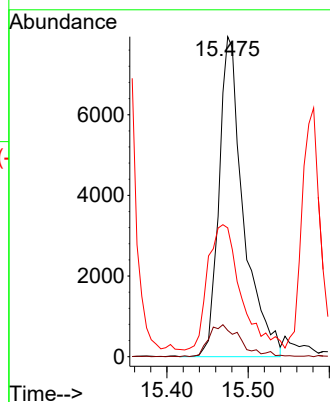
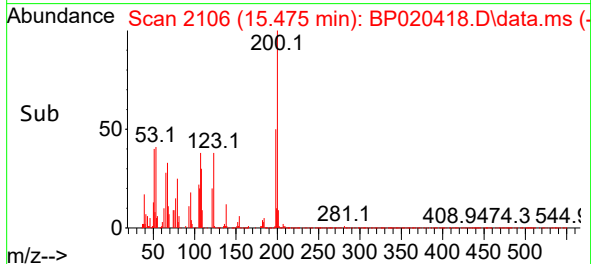
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion:198 Resp: 1656
Ion Ratio Lower Upper
198 100
182 8.2 3.3 4.9
77 40.3 24.4 36.6

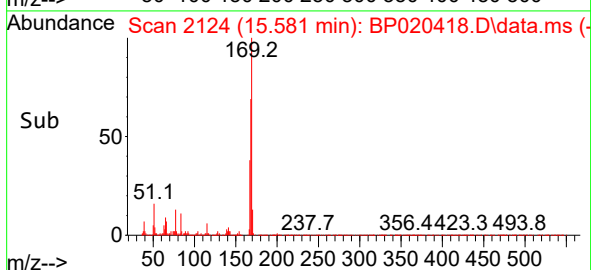
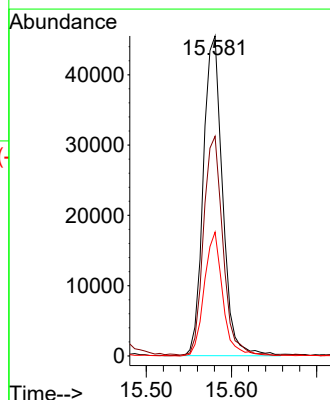
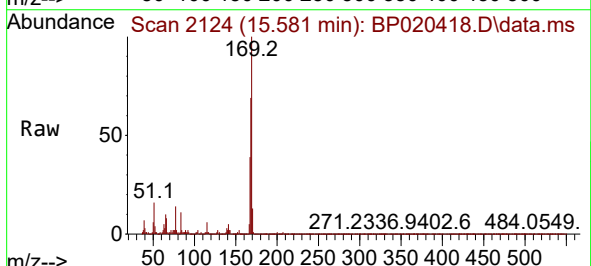
Manual Integrations
APPROVED

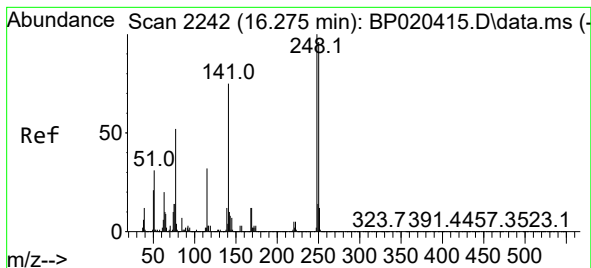
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



#67
N-Nitrosodiphenylamine
Concen: 4.400 ng/ul
RT: 15.581 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

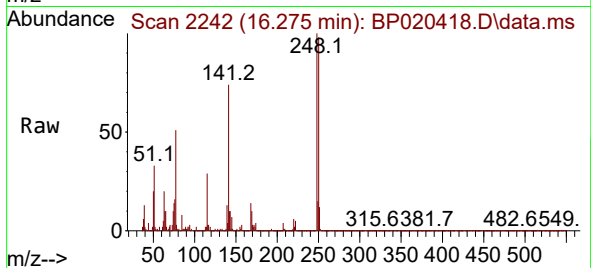
Tgt Ion:169 Resp: 71285
Ion Ratio Lower Upper
169 100
168 68.6 54.2 81.2
167 38.7 29.0 43.6





#68
4-Bromophenyl-phenylether
Concen: 4.726 ng/ul
RT: 16.275 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

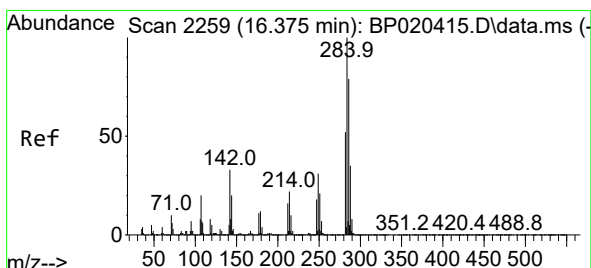
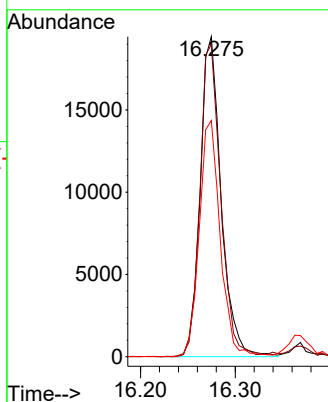
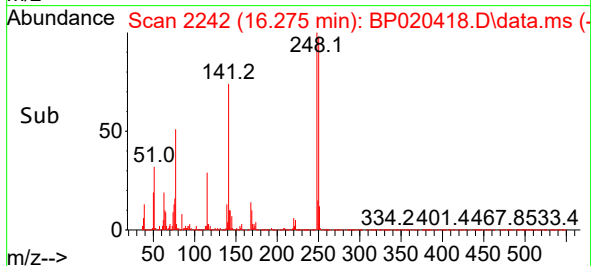
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion:248 Resp: 2978
Ion Ratio Lower Upper
248 100
250 97.6 76.2 114.4
141 73.8 57.2 85.8

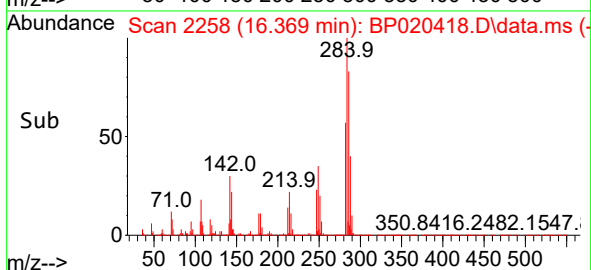
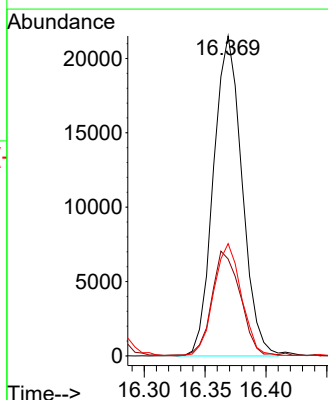
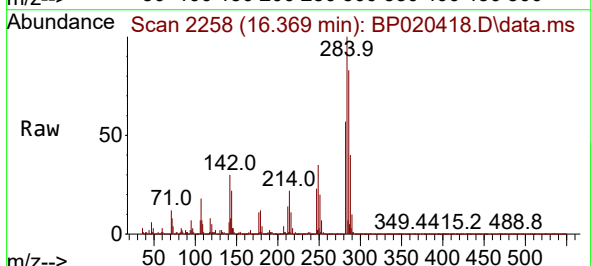
Manual Integrations
APPROVED

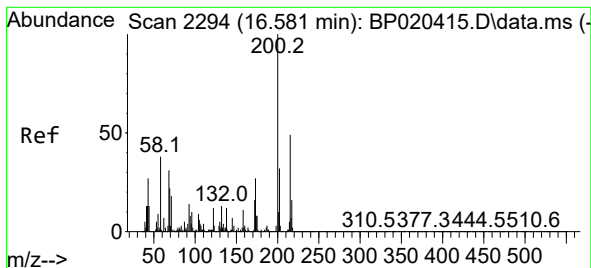
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



#69
Hexachlorobenzene
Concen: 4.810 ng/ul
RT: 16.369 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

Tgt Ion:284 Resp: 35113
Ion Ratio Lower Upper
284 100
142 30.3 27.8 41.8
249 35.1 25.4 38.0





#70

Atrazine

Concen: 5.224 ng/ul

RT: 16.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-04

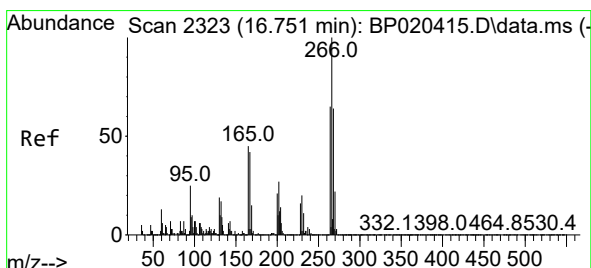
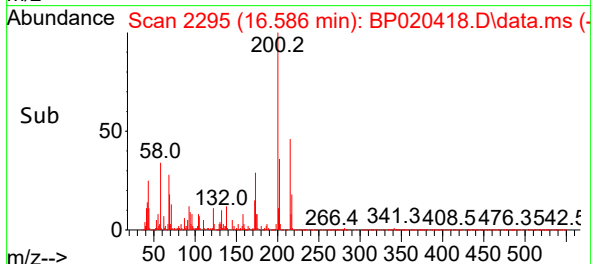
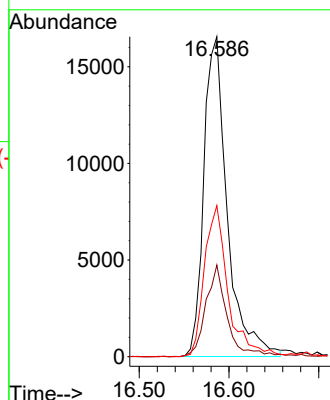
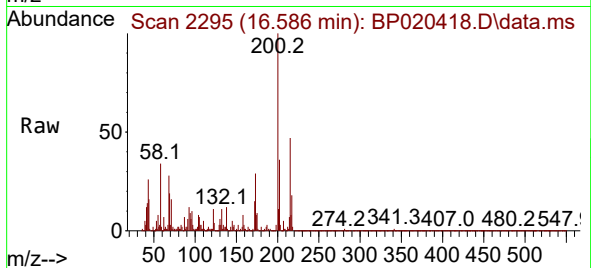
Tgt Ion:	200	Resp:	3000
Ion Ratio	Lower	Upper	
200	100		
173	28.7	20.3	30.5
215	47.2	37.8	56.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2024

Supervised By :mohammad ahmed 05/18/2024



#71

Pentachlorophenol

Concen: 4.295 ng/ul m

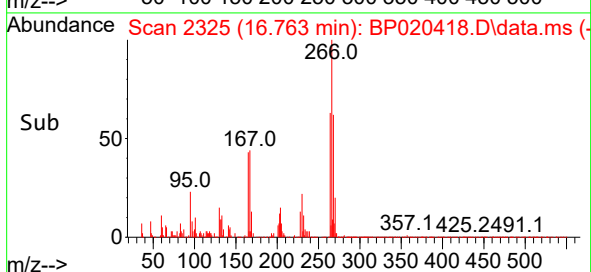
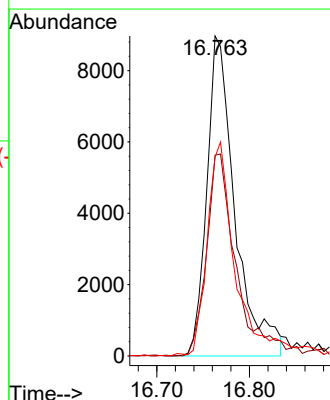
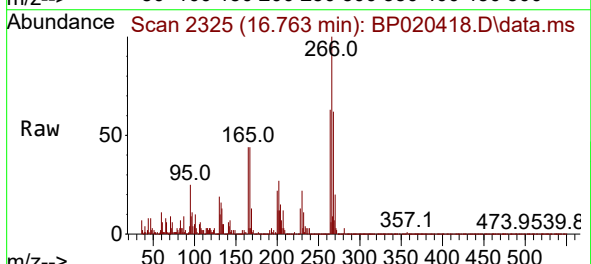
RT: 16.763 min Scan# 2325

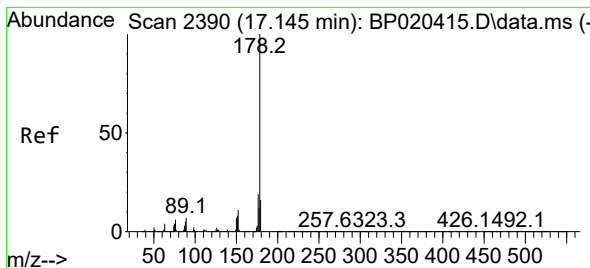
Delta R.T. -0.006 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Tgt Ion:	266	Resp:	18952
Ion Ratio	Lower	Upper	
266	100		
264	62.8	49.8	74.6
268	62.1	50.4	75.6





#72

Phenanthrene

Concen: 4.754 ng/ul

RT: 17.157 min Scan# 2392

Delta R.T. -0.012 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-04

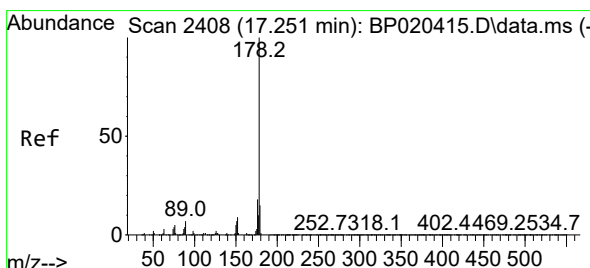
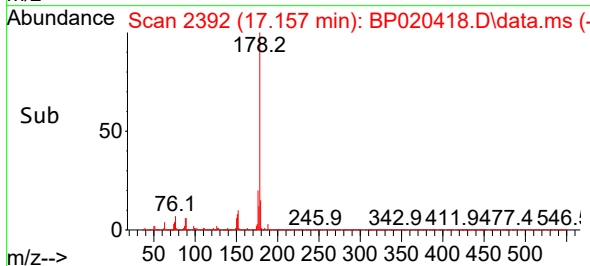
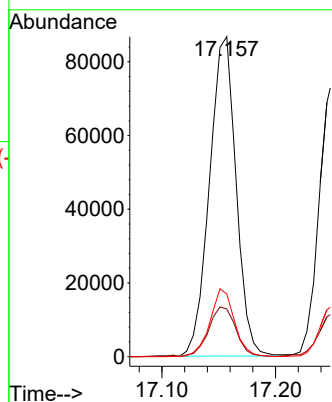
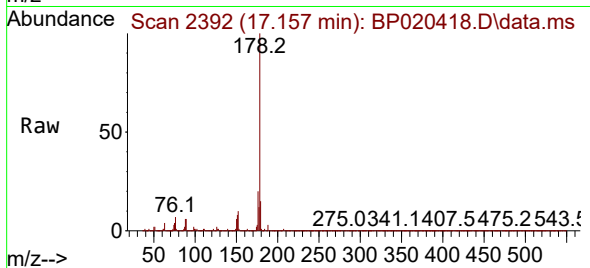
Tgt Ion:178	Resp: 141118
Ion Ratio	Lower Upper
178 100	
179 14.9	13.0 19.6
176 19.6	15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2024

Supervised By :mohammad ahmed 05/18/2024



#74

Anthracene

Concen: 4.455 ng/ul

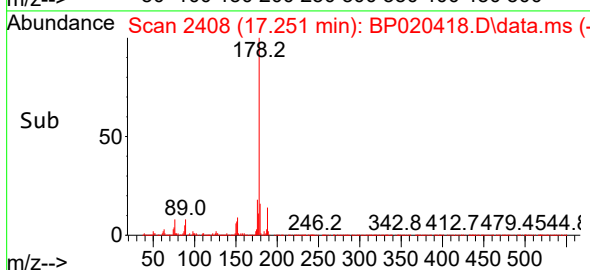
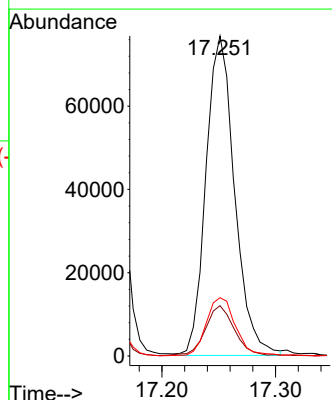
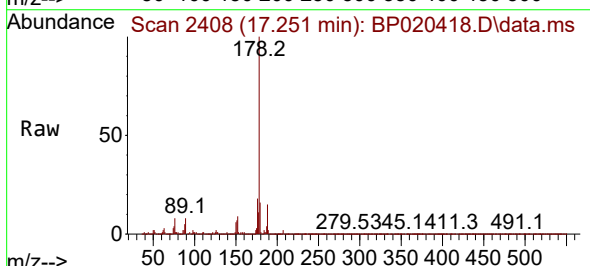
RT: 17.251 min Scan# 2408

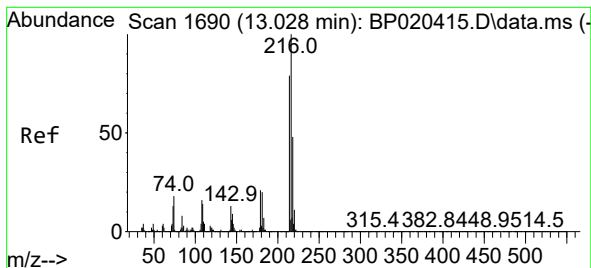
Delta R.T. -0.018 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Tgt Ion:178	Resp: 134510
Ion Ratio	Lower Upper
178 100	
179 15.7	12.0 18.0
176 18.2	14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.294 ng/uL

RT: 13.034 min Scan# 1690

Delta R.T. 0.006 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-04

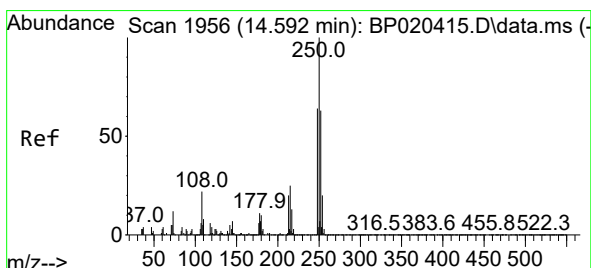
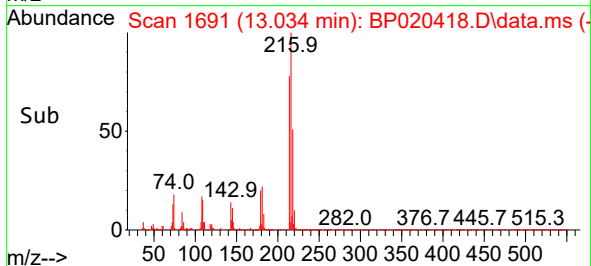
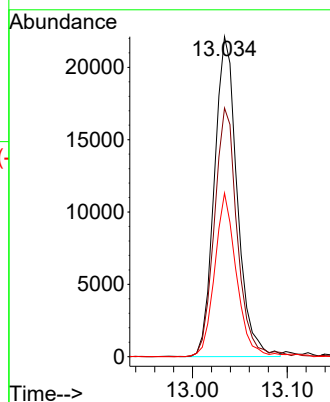
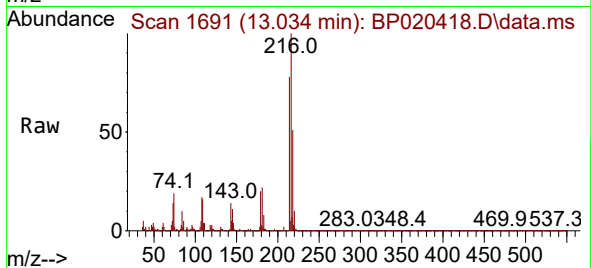
Tgt Ion:	216	Resp:	37134
Ion Ratio	Lower	Upper	
216	100		
214	77.7	60.1	90.1
218	51.1	38.7	58.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2024

Supervised By :mohammad ahmed 05/18/2024



#76

Pentachlorobenzene

Concen: 4.753 ng/uL

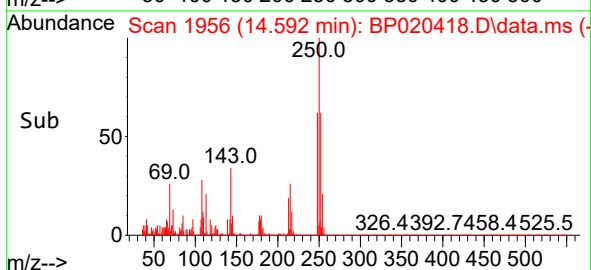
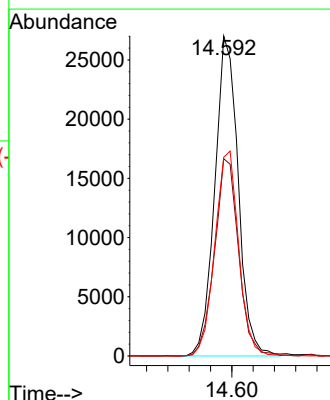
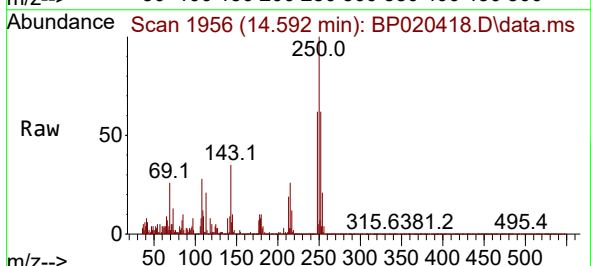
RT: 14.592 min Scan# 1956

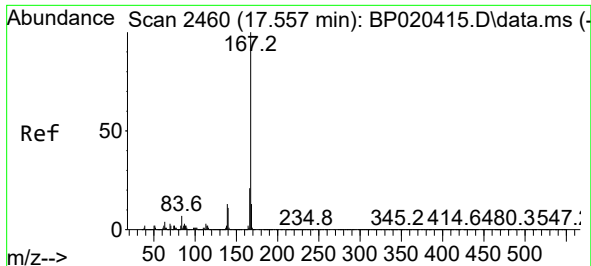
Delta R.T. -0.006 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

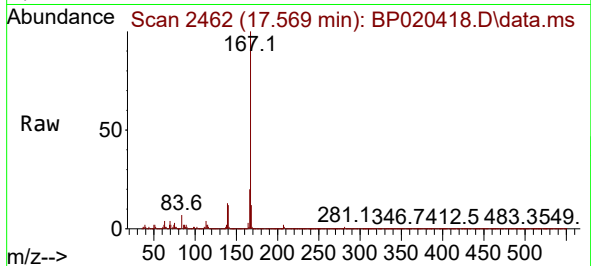
Tgt Ion:	250	Resp:	41128
Ion Ratio	Lower	Upper	
250	100		
248	61.7	51.0	76.6
252	62.1	52.1	78.1





#77
 Carbazole
 Concen: 4.519 ng/ul
 RT: 17.569 min Scan# 2462
 Delta R.T. 0.000 min
 Lab File: BP020418.D
 Acq: 17 May 2024 10:49

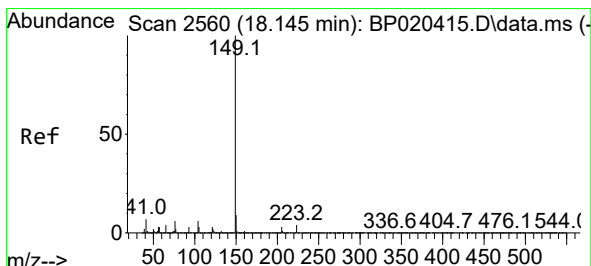
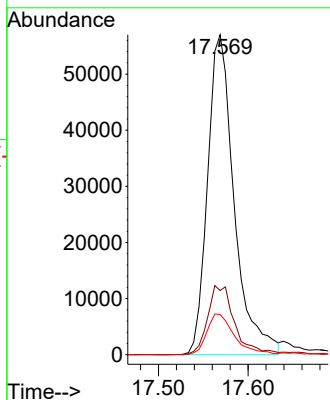
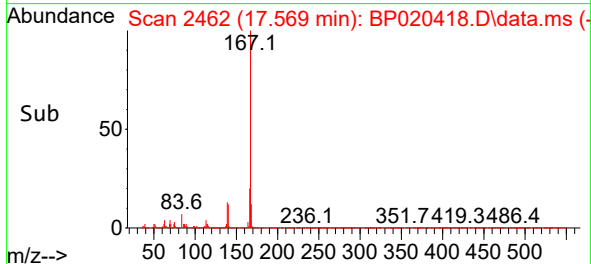
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2024-04



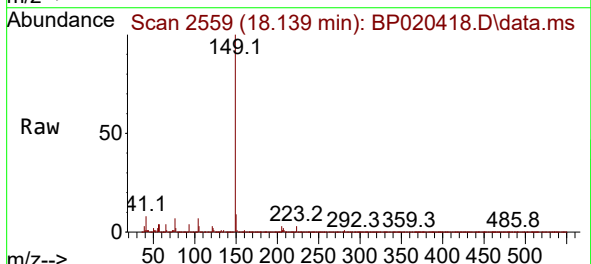
Tgt Ion:167 Resp: 117540
 Ion Ratio Lower Upper
 167 100
 166 20.1 17.4 26.0
 139 12.5 11.0 16.4

Manual Integrations
 APPROVED

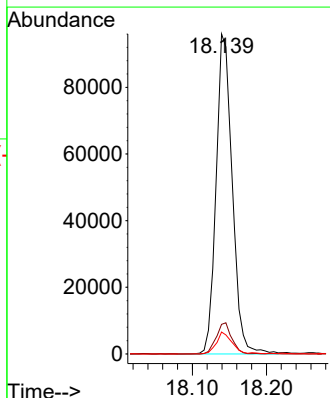
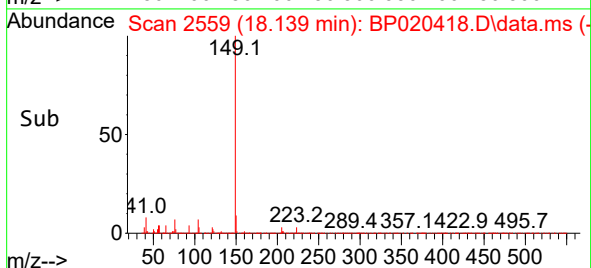
Reviewed By :Yogesh Patel 05/18/2024
 Supervised By :mohammad ahmed 05/18/2024

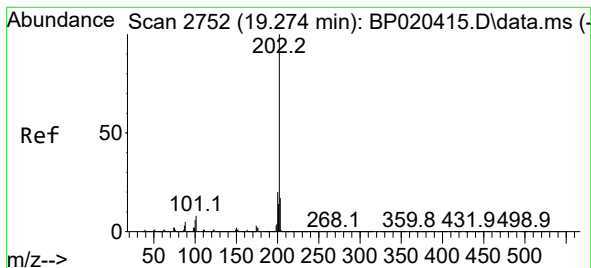


#78
 Di-n-butylphthalate
 Concen: 4.611 ng/ul
 RT: 18.139 min Scan# 2559
 Delta R.T. -0.023 min
 Lab File: BP020418.D
 Acq: 17 May 2024 10:49



Tgt Ion:149 Resp: 145373
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 6.8 5.0 7.6





#80

Fluoranthene

Concen: 4.335 ng/ul

RT: 19.269 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-04

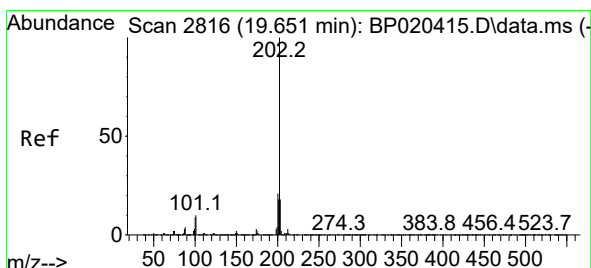
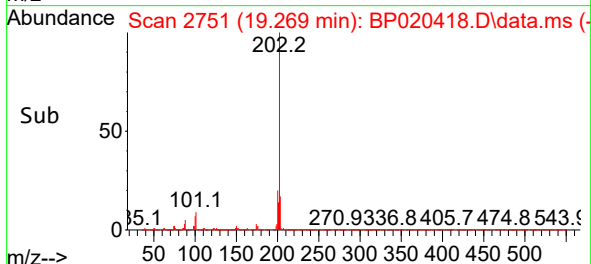
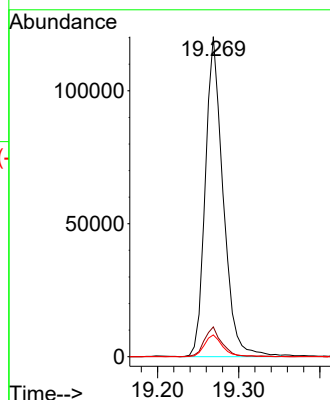
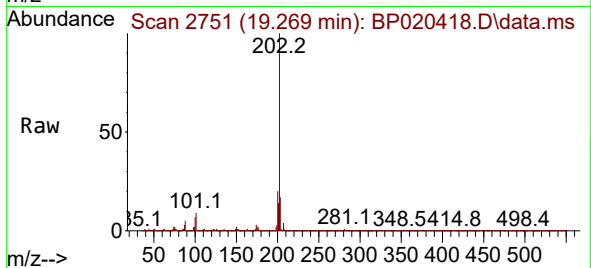
Tgt Ion:202 Resp: 183570
 Ion Ratio Lower Upper
 202 100
 101 9.3 7.0 10.4
 100 6.8 5.5 8.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2024

Supervised By :mohammad ahmed 05/18/2024



#82

Pyrene

Concen: 4.426 ng/ul

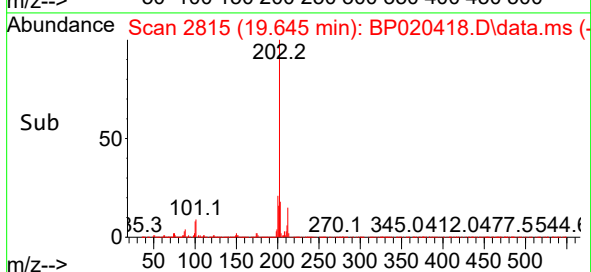
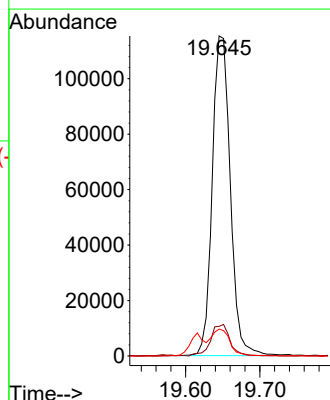
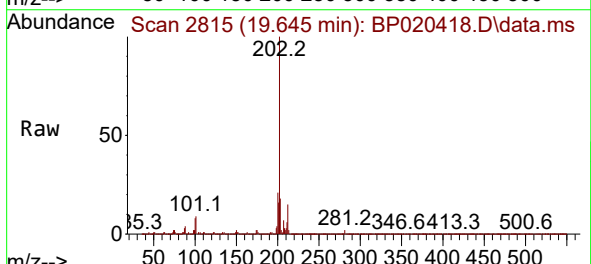
RT: 19.645 min Scan# 2815

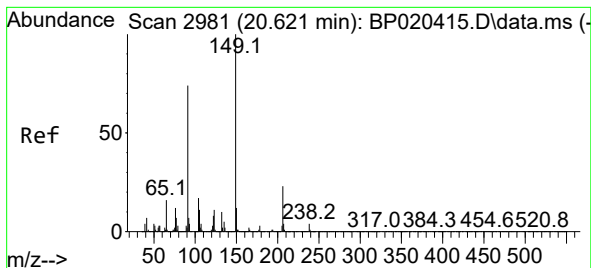
Delta R.T. -0.023 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Tgt Ion:202 Resp: 195012
 Ion Ratio Lower Upper
 202 100
 101 9.2 8.1 12.1
 100 8.4 6.8 10.2





#83

Butylbenzylphthalate

Concen: 4.135 ng/ul

RT: 20.616 min Scan# 2981

Delta R.T. -0.023 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-04

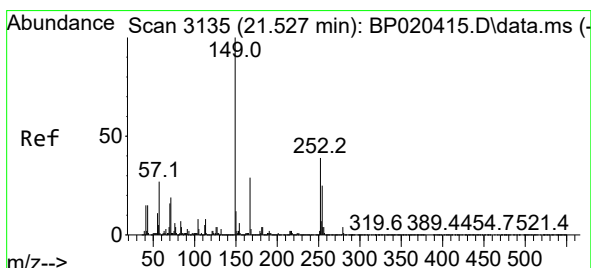
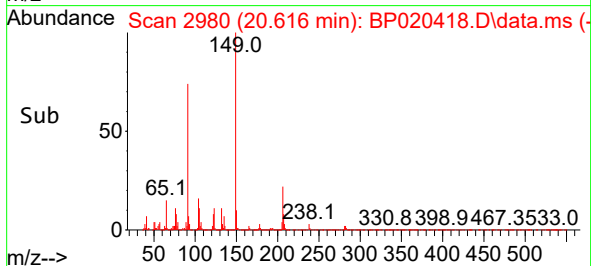
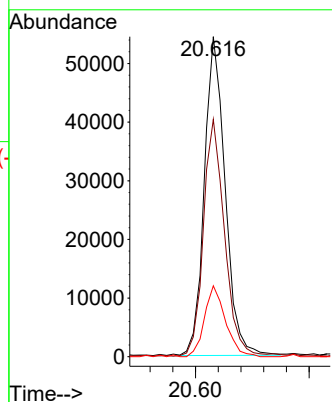
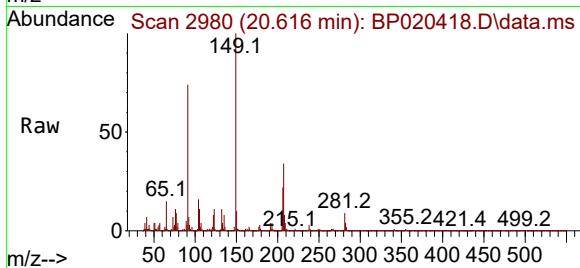
Tgt Ion:	149	Resp:	69169
Ion Ratio	Lower	Upper	
149	100		
91	74.1	62.7	94.1
206	22.2	17.3	25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2024

Supervised By :mohammad ahmed 05/18/2024



#84

3,3'-Dichlorobenzidine

Concen: 4.050 ng/ul

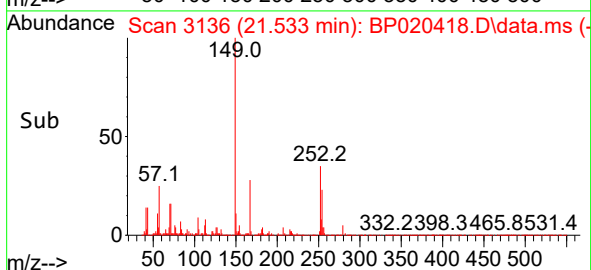
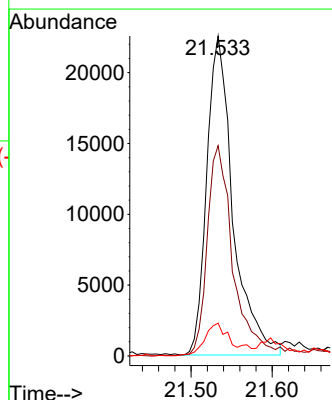
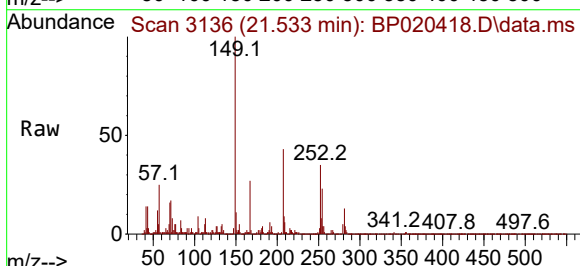
RT: 21.533 min Scan# 3136

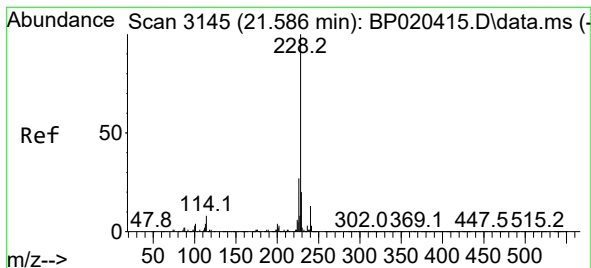
Delta R.T. -0.012 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Tgt Ion:	252	Resp:	50739
Ion Ratio	Lower	Upper	
252	100		
254	65.7	50.2	75.4
126	10.2	7.3	10.9





#85

Benzo(a)anthracene

Concen: 4.698 ng/ul

RT: 21.580 min Scan# 3145

Delta R.T. -0.023 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-04

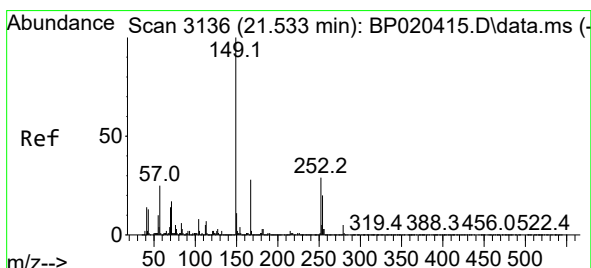
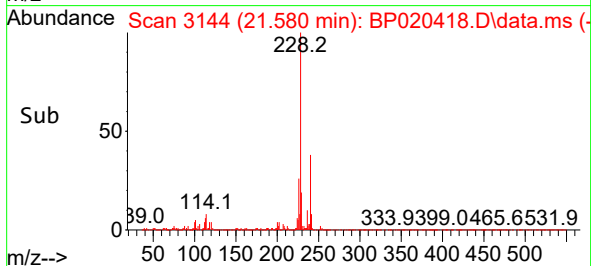
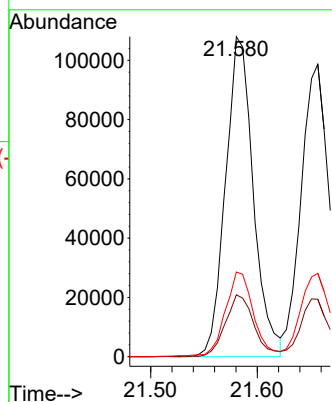
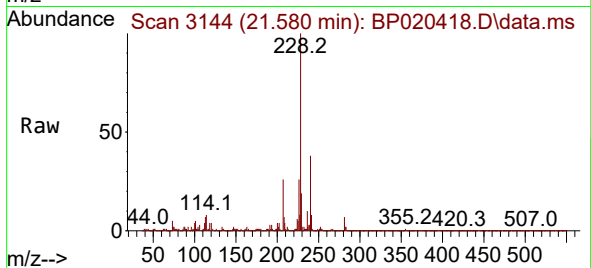
Tgt Ion:228 Resp: 19616
 Ion Ratio Lower Upper
 228 100
 229 19.3 15.8 23.8
 226 26.4 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2024

Supervised By :mohammad ahmed 05/18/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.184 ng/ul

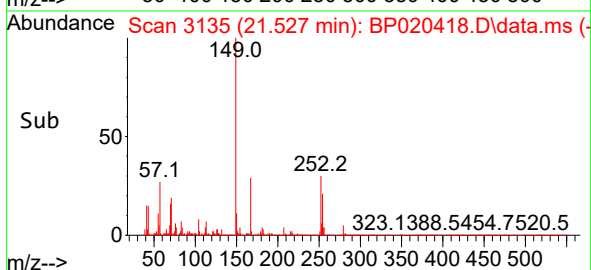
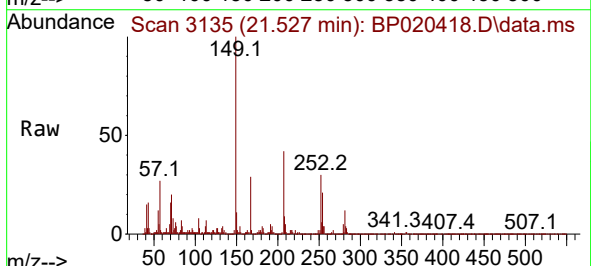
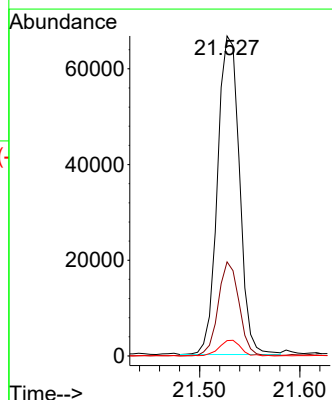
RT: 21.527 min Scan# 3135

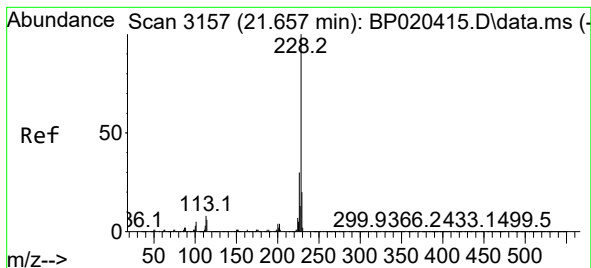
Delta R.T. -0.023 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Tgt Ion:149 Resp: 100961
 Ion Ratio Lower Upper
 149 100
 167 29.4 21.4 32.0
 279 4.8 3.4 5.2





#87

Chrysene

Concen: 4.945 ng/ul

RT: 21.657 min Scan# 3157

Delta R.T. -0.018 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Instrument :

BNA_P

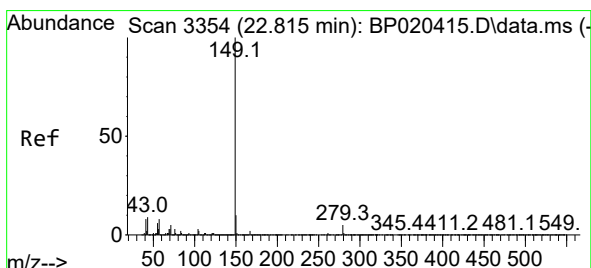
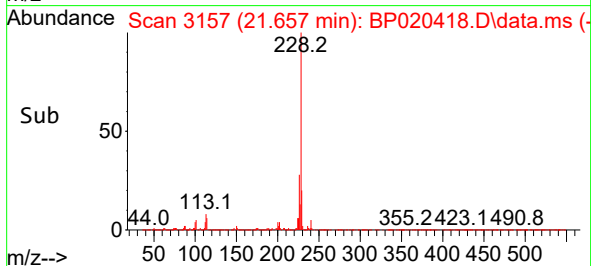
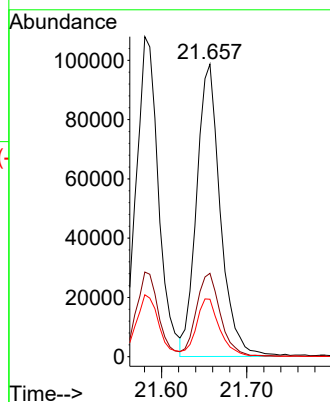
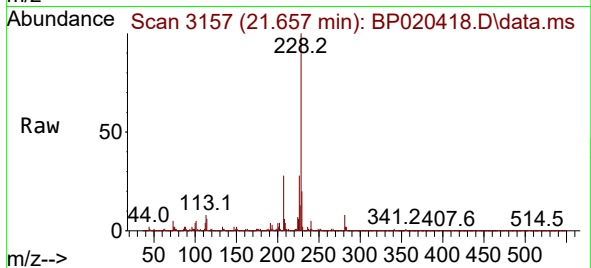
ClientSampleId :

MDL-SOIL-QT2-2024-04

Tgt Ion:228 Resp: 19137
 Ion Ratio Lower Upper
 228 100
 226 28.5 24.2 36.4
 229 19.7 15.9 23.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/18/2024
 Supervised By :mohammad ahmed 05/18/2024



#89

Di-n-octyl phthalate

Concen: 3.882 ng/ul

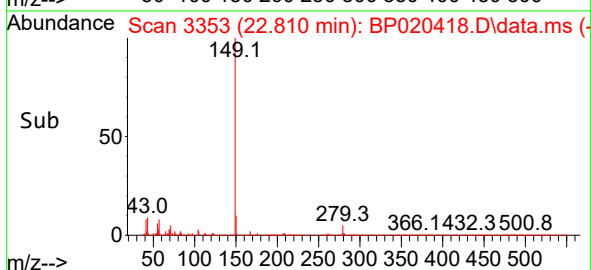
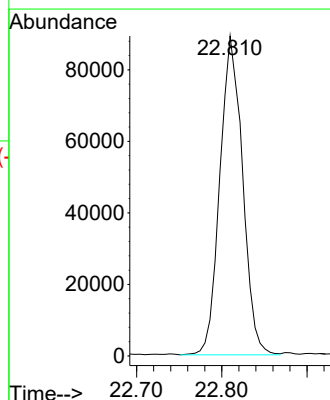
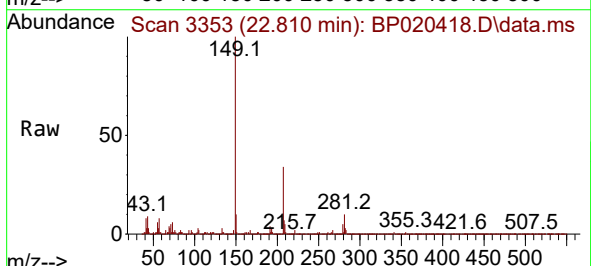
RT: 22.810 min Scan# 3353

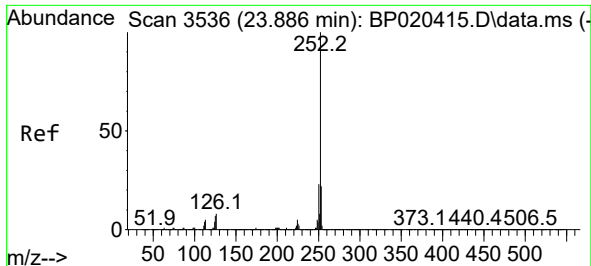
Delta R.T. -0.047 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

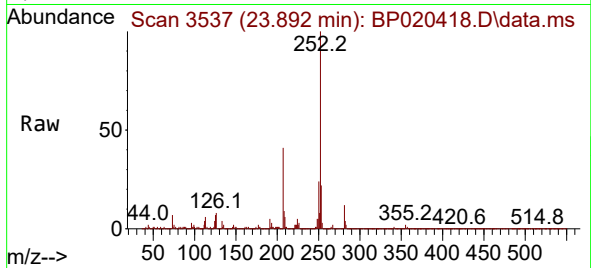
Tgt Ion:149 Resp: 165091





#90
Benzo(b)fluoranthene
Concen: 4.637 ng/ul
RT: 23.892 min Scan# 3537
Delta R.T. -0.023 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

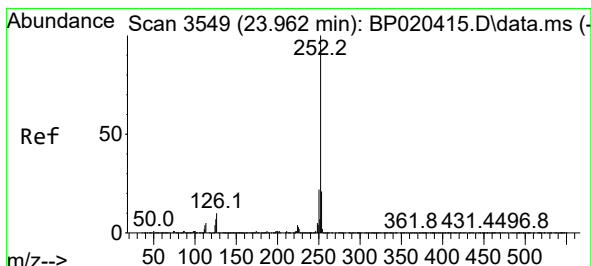
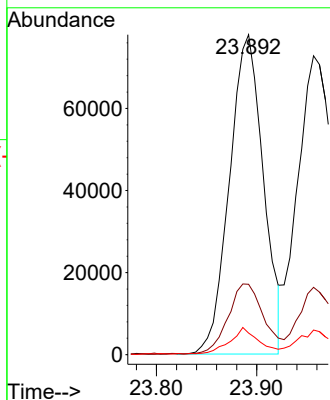
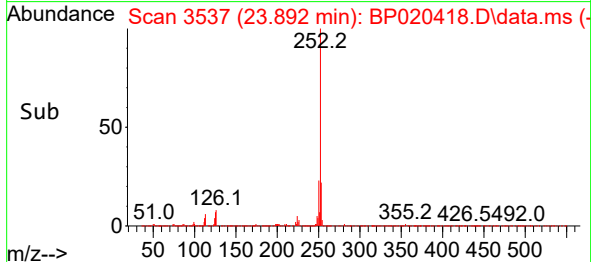
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2024-04



Tgt Ion:252 Resp: 183169
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 6.8 6.2 9.2

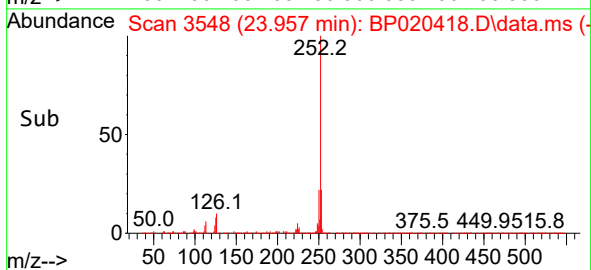
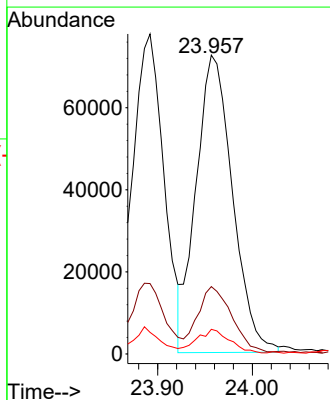
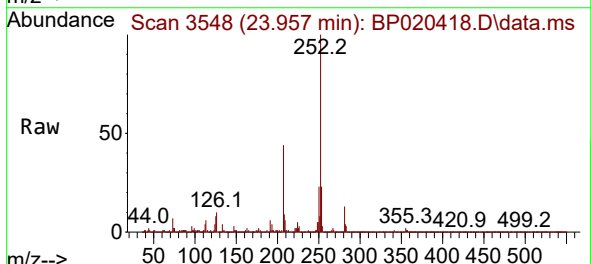
Manual Integrations
APPROVED

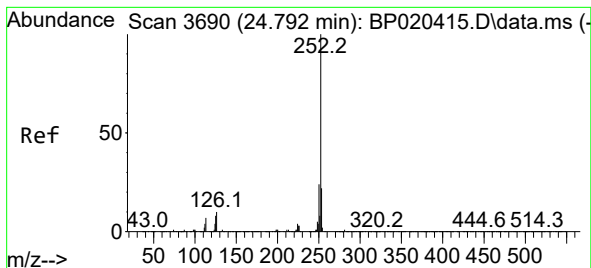
Reviewed By :Yogesh Patel 05/18/2024
Supervised By :mohammad ahmed 05/18/2024



#91
Benzo(k)fluoranthene
Concen: 4.820 ng/ul
RT: 23.957 min Scan# 3548
Delta R.T. -0.035 min
Lab File: BP020418.D
Acq: 17 May 2024 10:49

Tgt Ion:252 Resp: 194029
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 8.3 5.6 8.4





#93

Benzo(a)pyrene

Concen: 4.652 ng/ul

RT: 24.786 min Scan# 3689

Delta R.T. -0.035 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-04

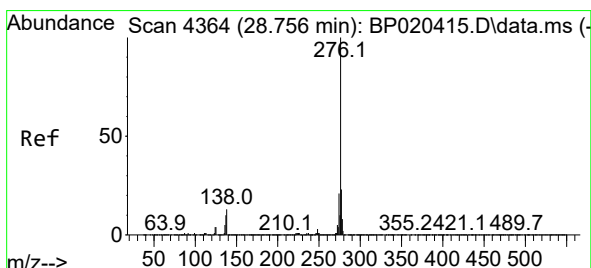
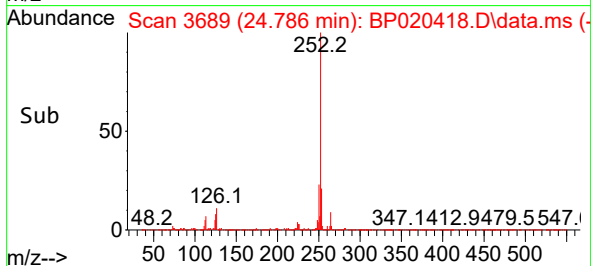
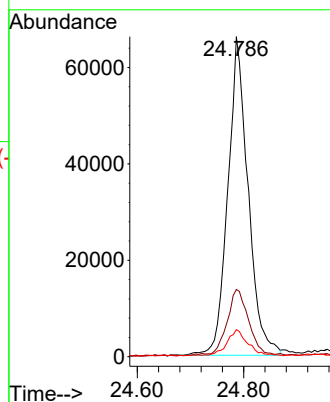
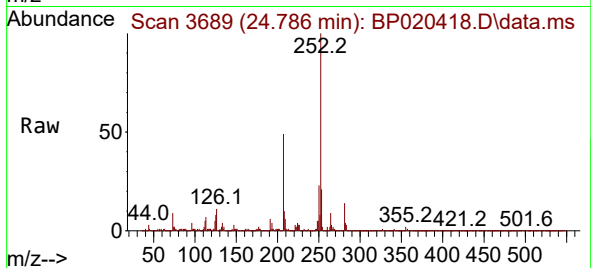
Tgt Ion:	252	Resp:	17483
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.4	26.0
125	8.5	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2024

Supervised By :mohammad ahmed 05/18/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.654 ng/ul m

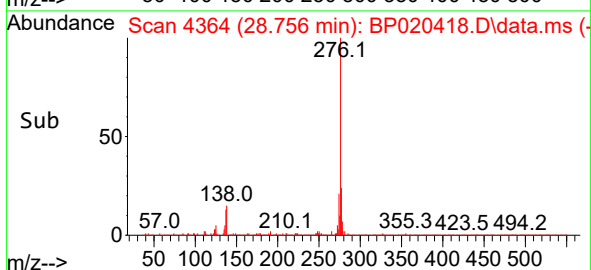
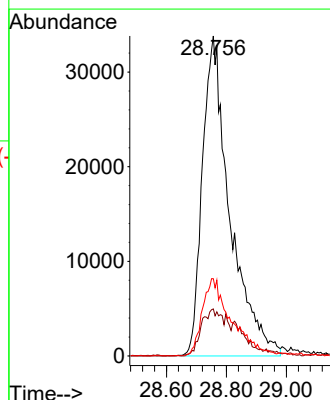
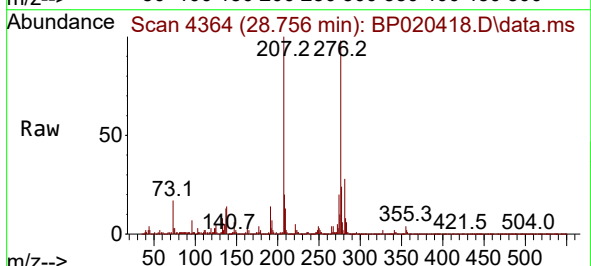
RT: 28.756 min Scan# 4364

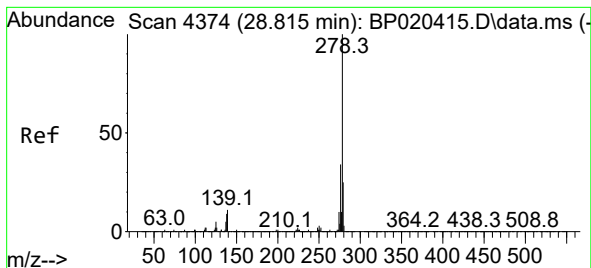
Delta R.T. -0.035 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Tgt Ion:	276	Resp:	214457
Ion Ratio	Lower	Upper	
276	100		
138	14.7	12.3	18.5
277	24.2	19.0	28.4





#95

Dibenzo(a,h)anthracene

Concen: 4.713 ng/ul m

RT: 28.827 min Scan# 4376

Delta R.T. -0.041 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2024-04

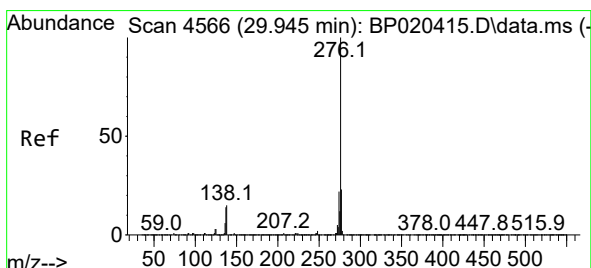
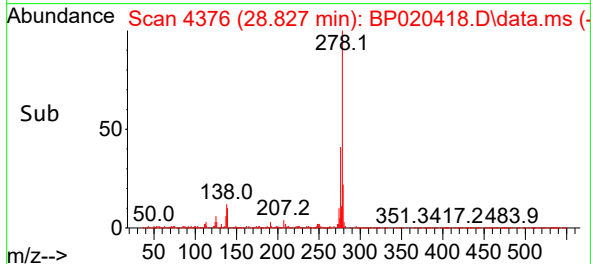
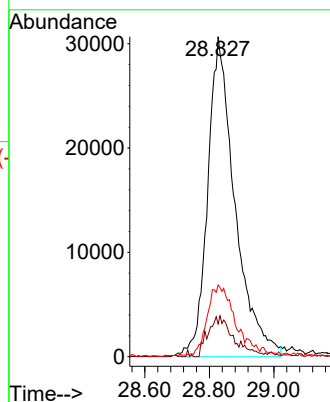
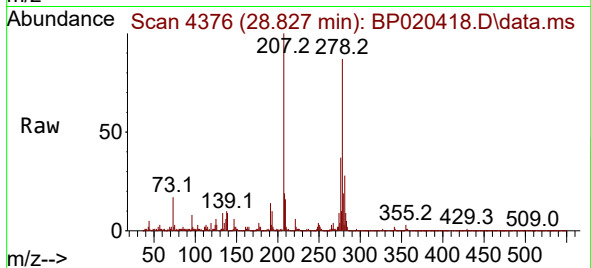
Tgt Ion:	278	Resp:	179619
Ion Ratio	Lower	Upper	
278	100		
139	10.3	10.2	15.2
279	22.4	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/18/2024

Supervised By :mohammad ahmed 05/18/2024



#96

Benzo(g,h,i)perylene

Concen: 4.694 ng/ul m

RT: 29.956 min Scan# 4568

Delta R.T. -0.018 min

Lab File: BP020418.D

Acq: 17 May 2024 10:49

Tgt Ion:	276	Resp:	174426
Ion Ratio	Lower	Upper	
276	100		
138	16.9	11.6	17.4
277	24.1	19.4	29.0

