

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101623\
 Data File : BM042293.D
 Acq On : 16 Oct 2023 11:25
 Operator : MA/JU
 Sample : 02215-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT2-2023-04

Quant Time: Oct 16 12:02:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 15:38:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	106023	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	484597	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	293156	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.409	188	638652	20.000	ng/u1	0.00
79) Chrysene-d12	21.591	240	623747	20.000	ng/u1	0.00
88) Perylene-d12	24.068	264	694541	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	23403	6.897	ng/uL	0.00
4) Pyridine-d5	3.804	84	304508	30.301	ng/u1	0.00
7) Phenol-d5	7.163	99	332716	28.316	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	235461	29.658	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	231758	28.672	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	255300	27.436	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	118995	28.913	ng/u1	0.00
24) 2-Nitrophenol-d4	9.928	143	124172	28.224	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	219775	27.374	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	341945	27.050	ng/u1	0.00
46) Dimethylphthalate-d6	14.068	166	726604	28.592	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	820737	29.509	ng/u1	0.00
54) 4-Nitrophenol-d4	14.868	143	140008	27.392	ng/u1	0.00
60) Fluorene-d10	15.651	176	617650	29.566	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	102048	22.810	ng/u1	0.00
73) Anthracene-d10	17.509	188	949870	29.034	ng/u1	0.00
81) Pyrene-d10	19.797	212	1114010	29.304	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.909	264	1162187	30.485	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	4442	1.194	ng/uL	100
5) Pyridine	3.828	79	50591	4.863	ng/u1#	69
6) Benzaldehyde	7.175	77	39194	6.525	ng/u1	97
8) Phenol	7.192	94	54522	4.595	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.451	93	47370	4.807	ng/u1	99
12) 2-Chlorophenol	7.569	128	38770	4.592	ng/u1	99
13) 2-Methylphenol	8.457	108	35765	4.038	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.528	45	80812m	4.810	ng/u1	
16) Acetophenone	8.863	105	67034	4.640	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.828	70	38239	4.472	ng/u1	96
18) 4-Methylphenol	8.786	108	41656	4.268	ng/u1	97
19) Hexachloroethane	9.086	117	16715	4.693	ng/u1	95
22) Nitrobenzene	9.257	77	56964	4.894	ng/u1	95
23) Isophorone	9.769	82	95305	4.222	ng/u1	99
25) 2-Nitrophenol	9.957	139	21582	4.483	ng/u1	93
26) 2,4-Dimethylphenol	9.998	107	44413	4.341	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.251	93	66767	4.731	ng/u1	98
29) 2,4-Dichlorophenol	10.475	162	34167	4.357	ng/u1	93
30) Naphthalene	10.886	128	133088	4.685	ng/u1	99
32) 4-Chloroaniline	11.022	127	56791	4.648	ng/u1	99
33) Hexachlorobutadiene	11.116	225	20774	4.589	ng/u1	97
34) Caprolactam	11.845	113	17812	6.221	ng/u1	93
35) 4-Chloro-3-methylphenol	12.116	107	37542	3.887	ng/u1	97
36) 2-Methylnaphthalene	12.492	142	87469	4.499	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	90595	4.610	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.839	216	41231	4.467	ng/ul	95
40) Hexachlorocyclopentadiene	12.786	237	34801	5.825	ng/ul	98
41) 2,4,6-Trichlorophenol	13.092	196	23640	3.830	ng/ul	95
42) 2,4,5-Trichlorophenol	13.163	196	27010	4.077	ng/ul	96
43) 1,1'-Biphenyl	13.492	154	117553	4.679	ng/ul	98
44) 2-Chloronaphthalene	13.545	162	90648	4.707	ng/ul	100
45) 2-Nitroaniline	13.774	65	26366	3.808	ng/ul	97
47) Dimethylphthalate	14.115	163	117452	4.645	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	16704	3.649	ng/ul	96
50) Acenaphthylene	14.386	152	152565	4.750	ng/ul	99
51) 3-Nitroaniline	14.604	138	19097	3.539	ng/ul	99
52) Acenaphthene	14.721	153	100533	4.659	ng/ul	98
53) 2,4-Dinitrophenol	14.804	184	22900	7.391	ng/ul	92
55) 4-Nitrophenol	14.880	109	17647	4.256	ng/ul#	82
56) Dibenzofuran	15.057	168	138020	4.761	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	26561	3.935	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.274	232	21295	3.830	ng/ul	92
59) Diethylphthalate	15.468	149	114103	4.420	ng/ul	100
61) Fluorene	15.704	166	114238	4.752	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	52754	4.544	ng/ul	96
63) 4-Nitroaniline	15.762	138	22018	4.562	ng/ul#	67
66) 4,6-Dinitro-2-methylph...	15.786	198	19237	4.112	ng/ul#	68
67) N-Nitrosodiphenylamine	15.915	169	90074	4.433	ng/ul	100
68) 4-Bromophenyl-phenylether	16.592	248	27584	4.016	ng/ul	99
69) Hexachlorobenzene	16.674	284	33528	4.293	ng/ul	100
70) Atrazine	16.862	200	26331	3.777	ng/ul	97
71) Pentachlorophenol	17.039	266	29466	5.568	ng/ul	94
72) Phenanthrene	17.451	178	176926	4.516	ng/ul	99
74) Anthracene	17.545	178	180994	4.593	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	40402	4.270	ng/uL	96
76) Pentachlorobenzene	14.951	250	43592	4.692	ng/uL	99
77) Carbazole	17.827	167	153916	4.288	ng/ul	99
78) Di-n-butylphthalate	18.351	149	177317	3.903	ng/ul	100
80) Fluoranthene	19.462	202	190130	4.223	ng/ul	98
82) Pyrene	19.827	202	217907	4.604	ng/ul	95
83) Butylbenzylphthalate	20.709	149	73206	3.629	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.515	252	49284	3.308	ng/ul	98
85) Benzo(a)anthracene	21.574	228	203689	4.305	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	110937	3.722	ng/ul	99
87) Chrysene	21.627	228	196334	4.512	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	191751	3.418	ng/ul	100
90) Benzo(b)fluoranthene	23.297	252	191720	4.062	ng/ul#	96
91) Benzo(k)fluoranthene	23.350	252	200947	4.305	ng/ul	97
93) Benzo(a)pyrene	23.956	252	190993	4.325	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.668	276	216533	4.037	ng/ul	97
95) Dibenzo(a,h)anthracene	26.679	278	183455	4.123	ng/ul	98
96) Benzo(g,h,i)perylene	27.473	276	176140	4.198	ng/ul	98

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

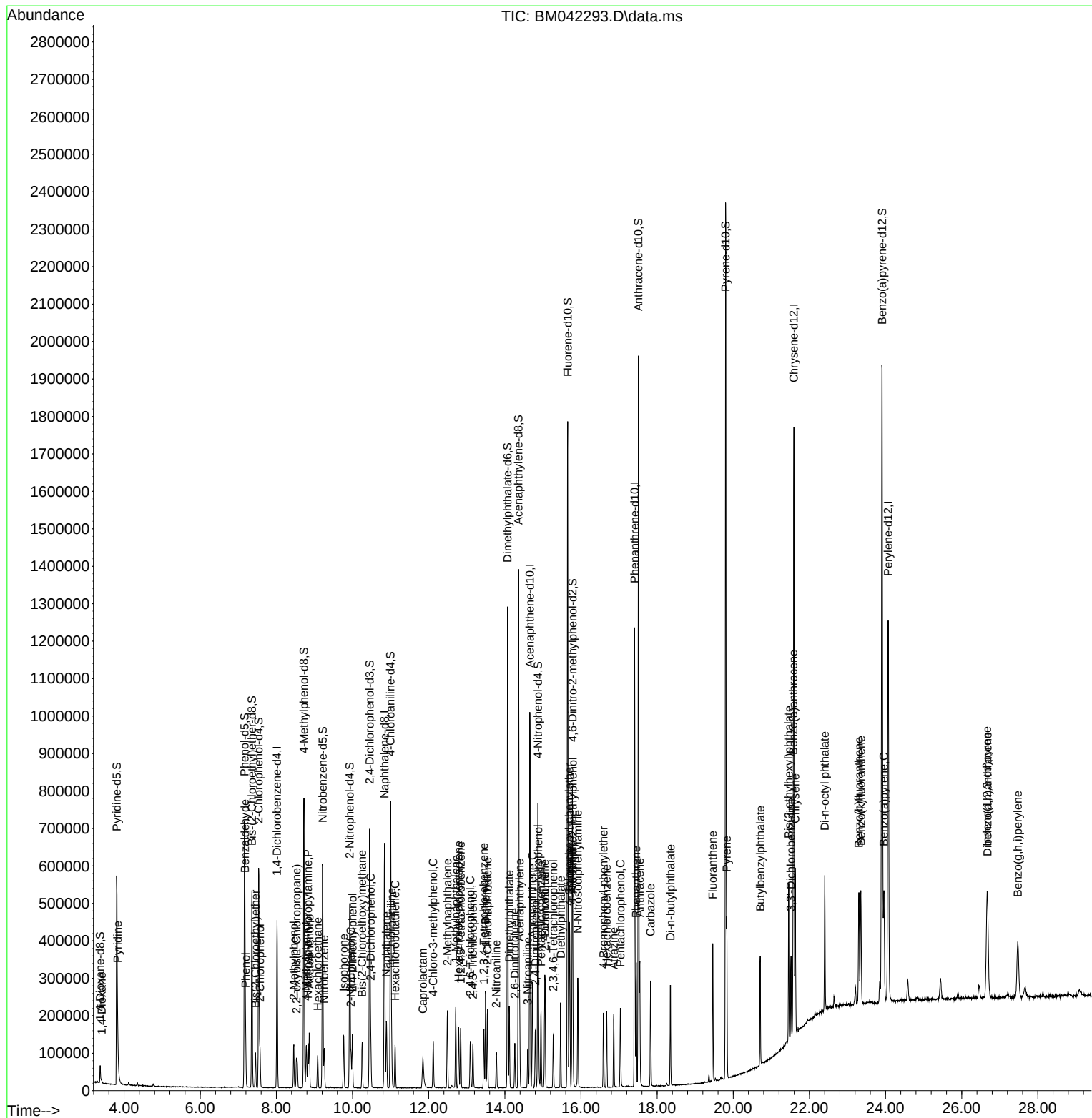
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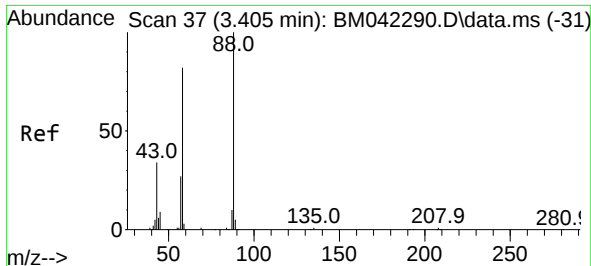
Instrument :
 BNA_M
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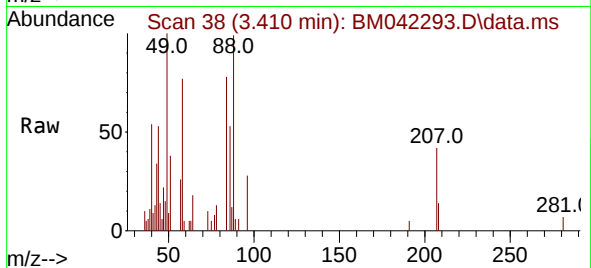
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023





#2
1,4-Dioxane
Concen: 1.194 ng/uL
RT: 3.410 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

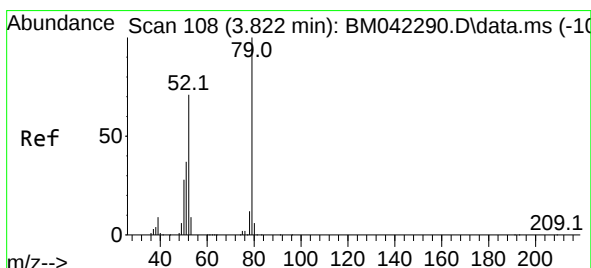
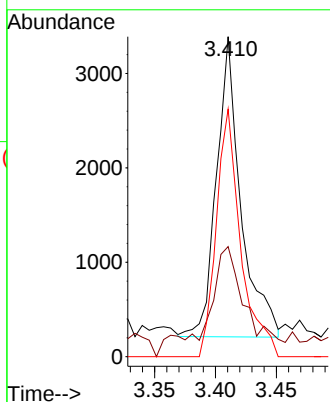
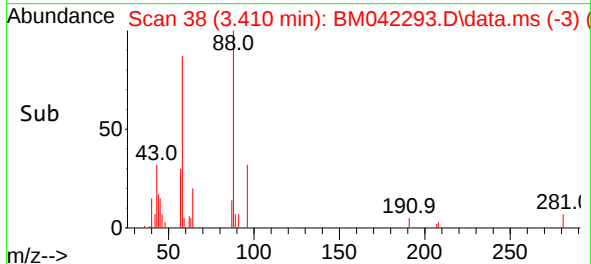
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion: 88 Resp: 444
Ion Ratio Lower Upper
88 100
43 34.4 27.5 41.3
58 77.3 61.8 92.8

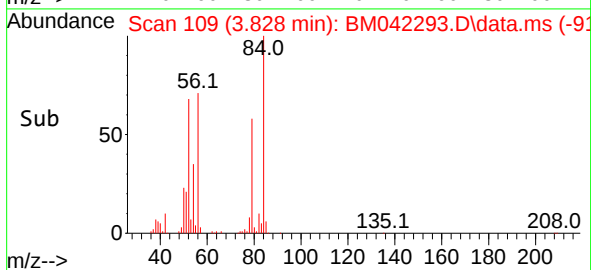
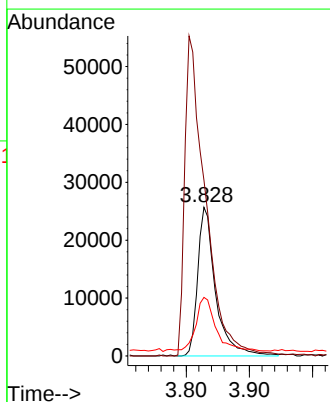
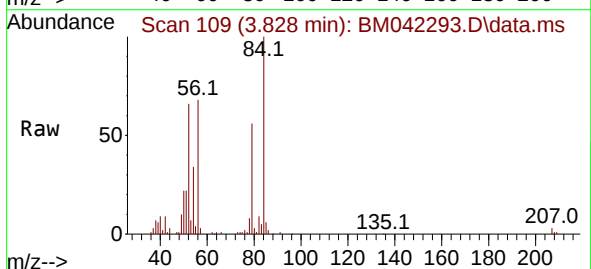
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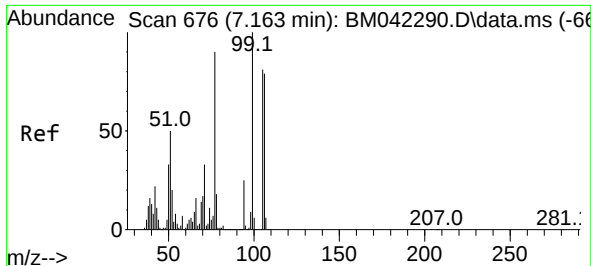
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#5
Pyridine
Concen: 4.863 ng/uL
RT: 3.828 min Scan# 109
Delta R.T. 0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

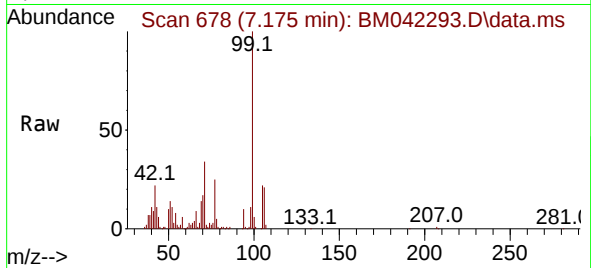
Tgt Ion: 79 Resp: 50591
Ion Ratio Lower Upper
79 100
52 118.2 63.8 95.6#
51 39.4 30.2 45.2





#6
Benzaldehyde
Concen: 6.525 ng/ul
RT: 7.175 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

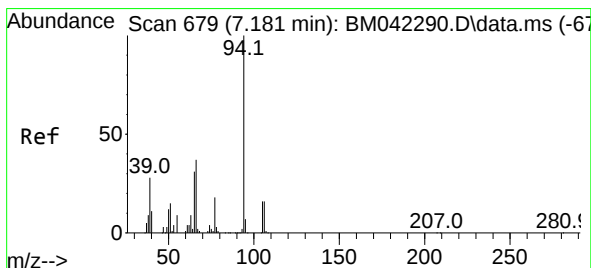
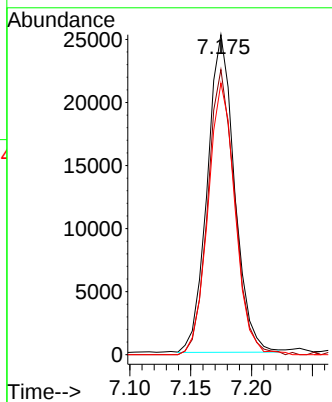
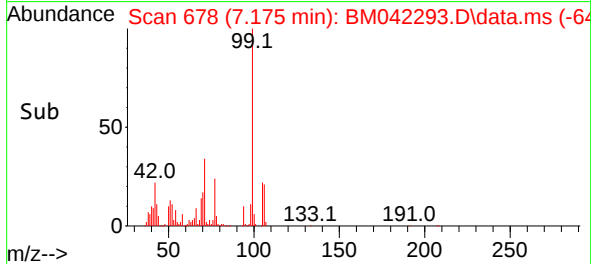
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ClientSampleId :
MDL-SOIL-QT2-2023-04



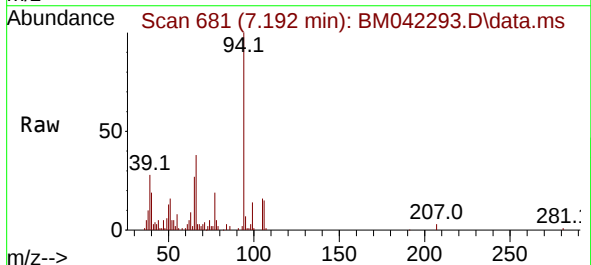
Tgt Ion: 77 Resp: 39194
Ion Ratio Lower Upper
77 100
105 89.1 70.6 105.8
106 84.9 71.6 107.4

Manual Integrations
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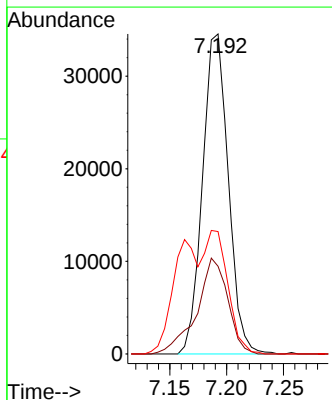
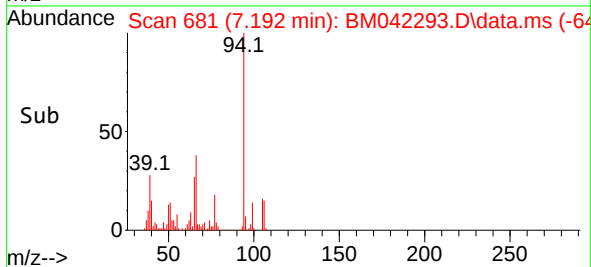
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

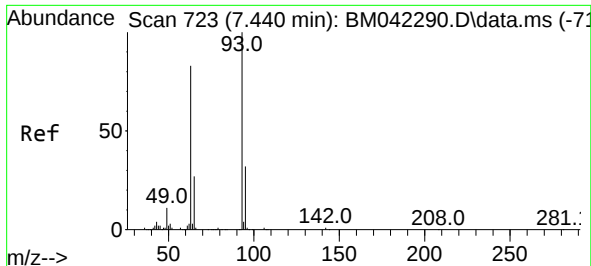


#8
Phenol
Concen: 4.595 ng/ul
RT: 7.192 min Scan# 681
Delta R.T. 0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25



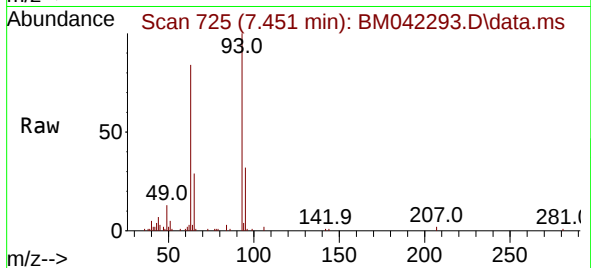
Tgt Ion: 94 Resp: 54522
Ion Ratio Lower Upper
94 100
65 27.4 24.1 36.1
66 38.2 30.7 46.1





#10
Bis(2-Chloroethyl)ether
Concen: 4.807 ng/ul
RT: 7.451 min Scan# 723
Delta R.T. 0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

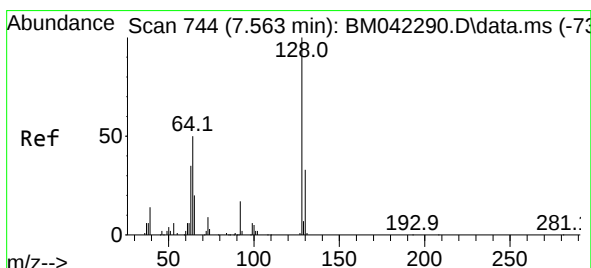
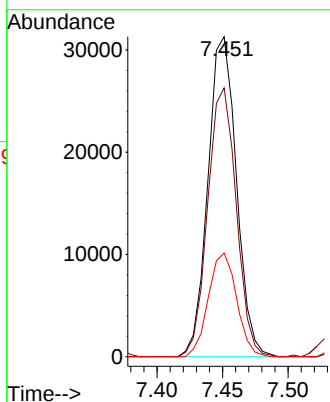
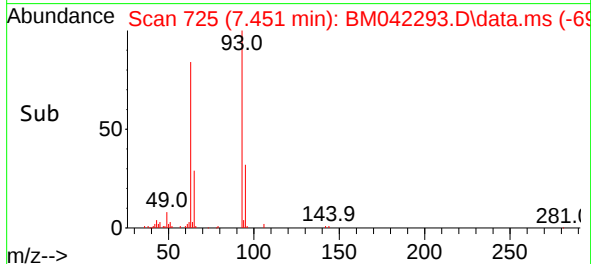
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 93 Resp: 47370
Ion Ratio Lower Upper
93 100
63 84.0 67.3 100.9
95 32.4 26.7 40.1

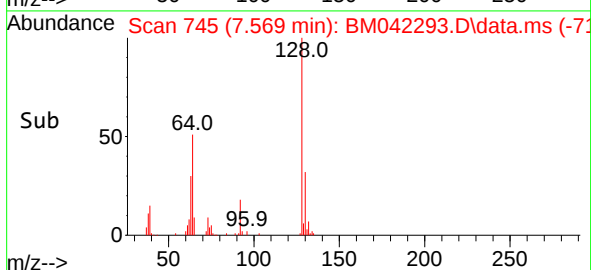
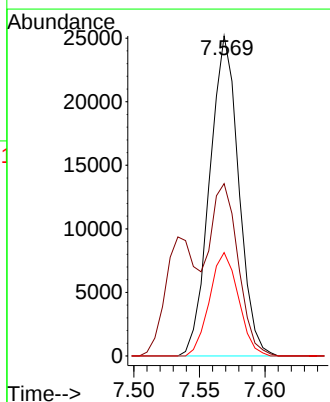
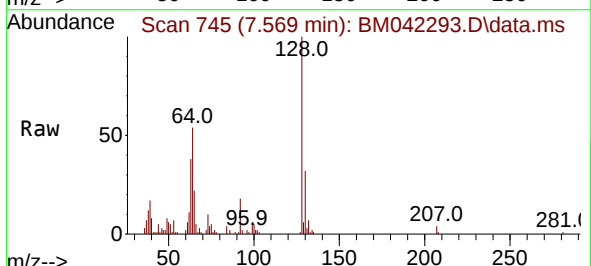
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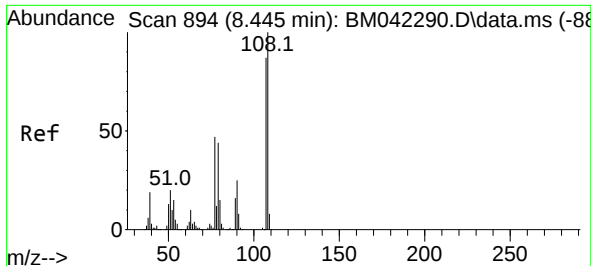
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#12
2-Chlorophenol
Concen: 4.592 ng/ul
RT: 7.569 min Scan# 745
Delta R.T. 0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

Tgt Ion:128 Resp: 38770
Ion Ratio Lower Upper
128 100
64 53.8 43.8 65.6
130 32.3 25.9 38.9





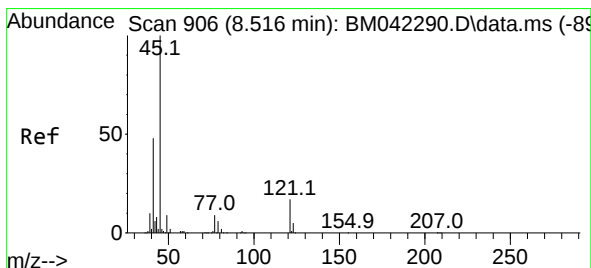
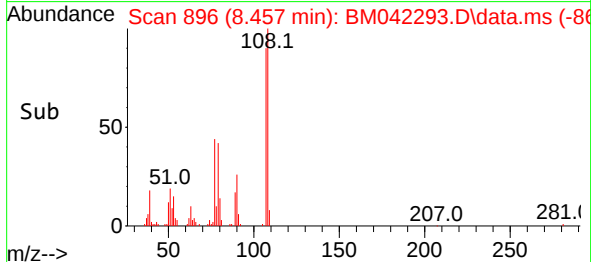
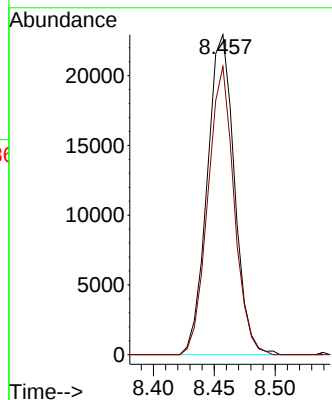
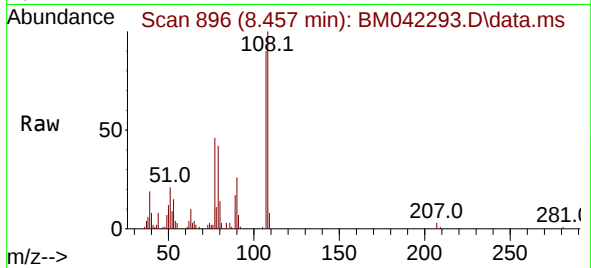
#13
2-Methylphenol
Concen: 4.038 ng/ul
RT: 8.457 min Scan# 896
Delta R.T. 0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion:108 Resp: 3576
Ion Ratio Lower Upper
108 100
107 90.1 70.6 106.0

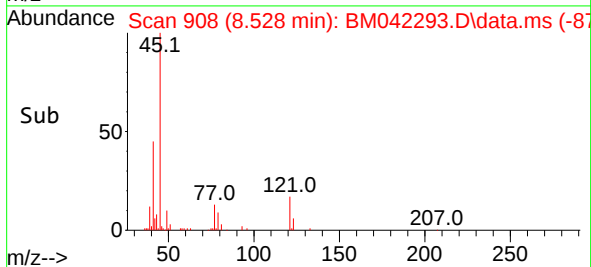
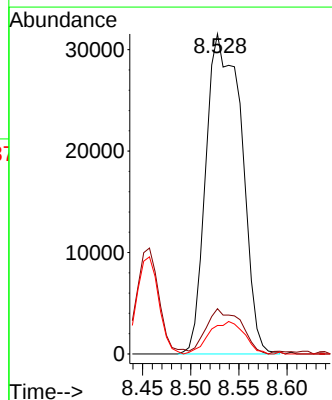
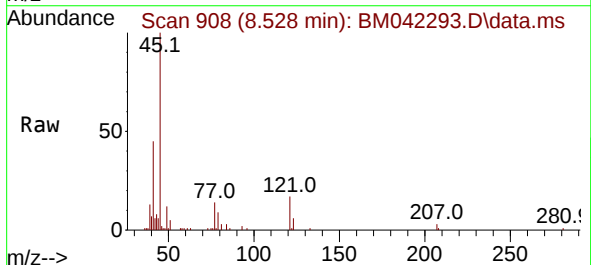
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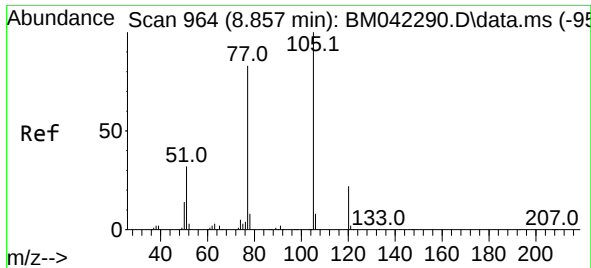
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.810 ng/ul m
RT: 8.528 min Scan# 908
Delta R.T. 0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

Tgt Ion: 45 Resp: 80812
Ion Ratio Lower Upper
45 100
77 14.1 10.5 15.7
79 8.9 7.3 10.9





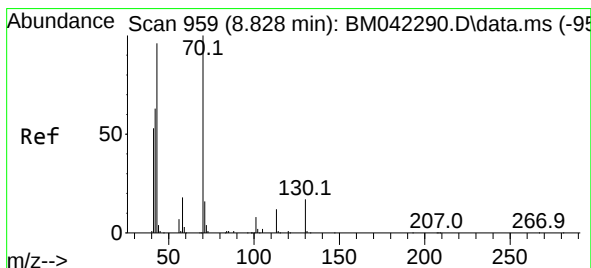
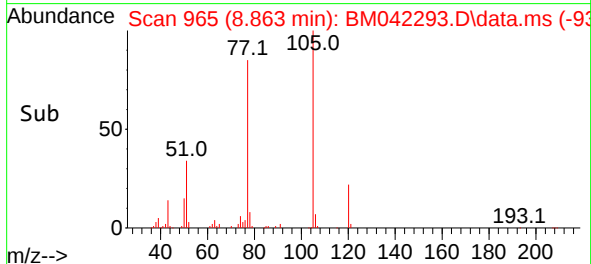
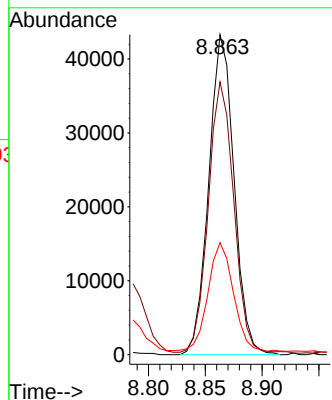
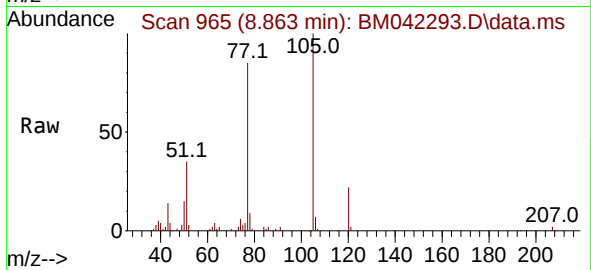
#16
Acetophenone
Concen: 4.640 ng/ul
RT: 8.863 min Scan# 964
Delta R.T. 0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion:105 Resp: 67034
Ion Ratio Lower Upper
105 100
77 85.2 67.8 101.8
51 35.0 26.9 40.3

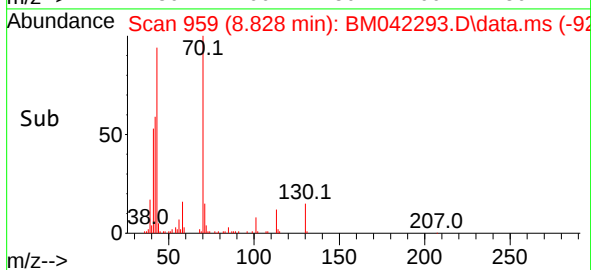
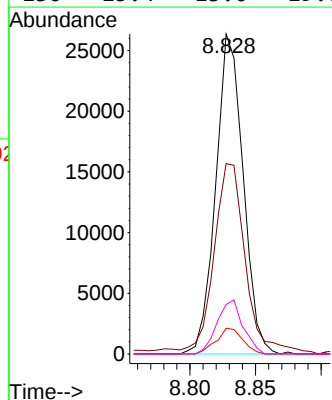
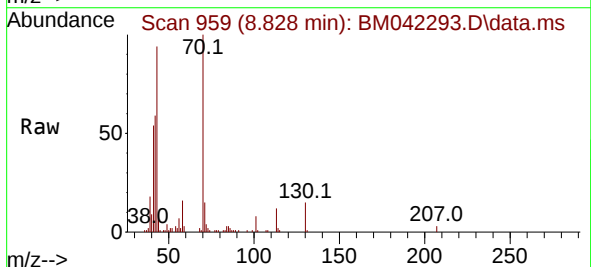
Manual Integrations
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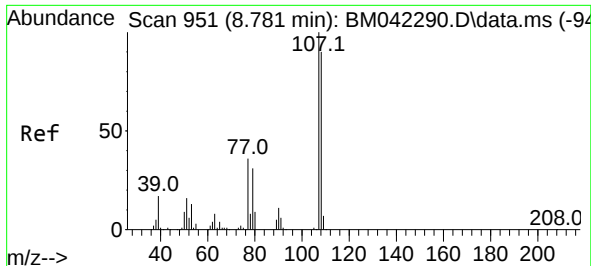
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.472 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

Tgt Ion: 70 Resp: 38239
Ion Ratio Lower Upper
70 100
42 59.5 51.0 76.4
101 8.0 6.7 10.1
130 15.4 13.0 19.6





#18

4-Methylphenol

Concen: 4.268 ng/ul

RT: 8.786 min Scan# 91

Delta R.T. 0.006 min

Lab File: BM042293.D

Acq: 16 Oct 2023 11:25

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2023-04

Tgt Ion:108 Resp: 4165

Ion Ratio Lower Upper

108 100

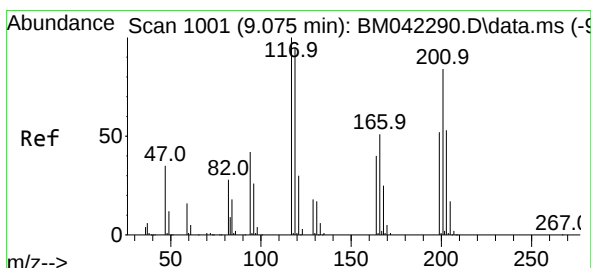
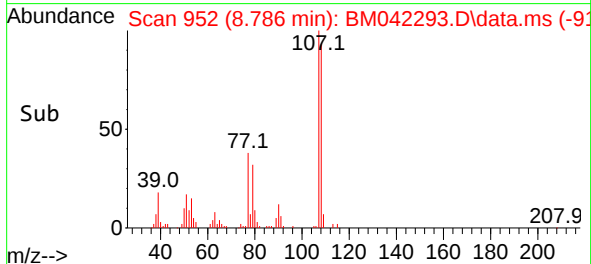
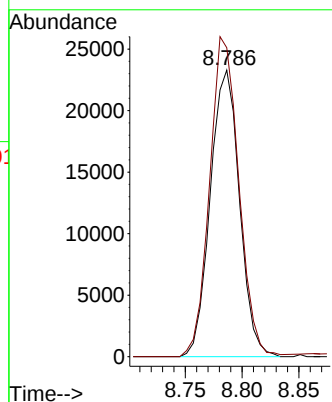
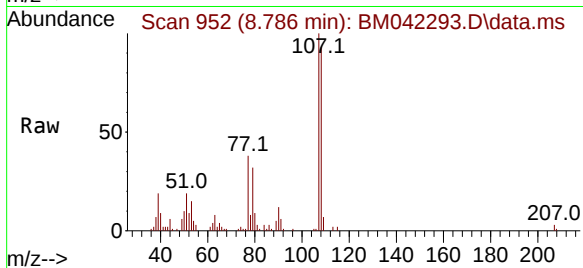
107 107.8 89.0 133.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#19

Hexachloroethane

Concen: 4.693 ng/ul

RT: 9.086 min Scan# 1003

Delta R.T. 0.006 min

Lab File: BM042293.D

Acq: 16 Oct 2023 11:25

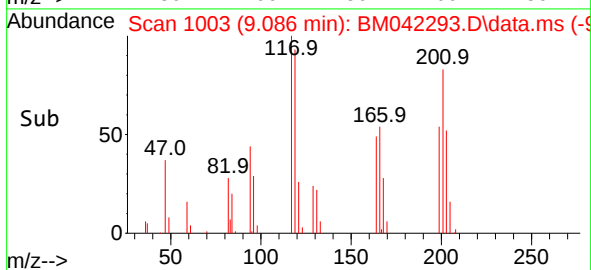
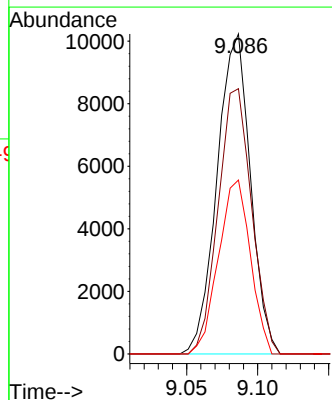
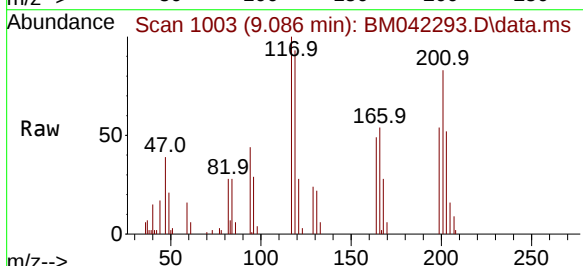
Tgt Ion:117 Resp: 16715

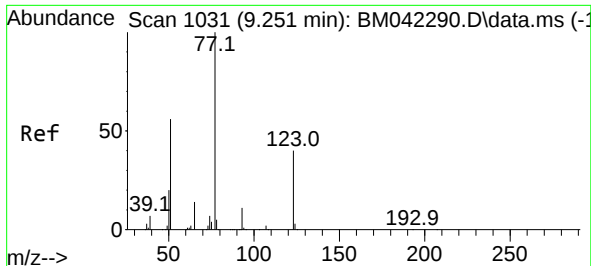
Ion Ratio Lower Upper

117 100

201 82.9 69.8 104.8

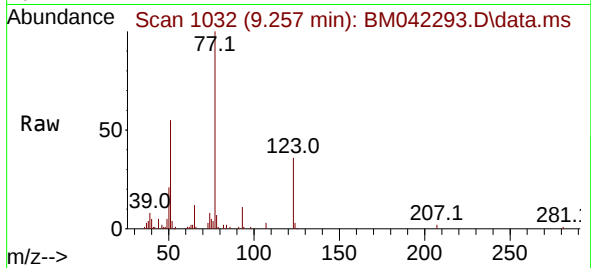
199 54.4 40.8 61.2





#22
Nitrobenzene
Concen: 4.894 ng/u1
RT: 9.257 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

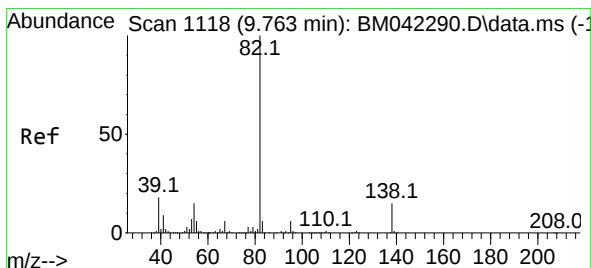
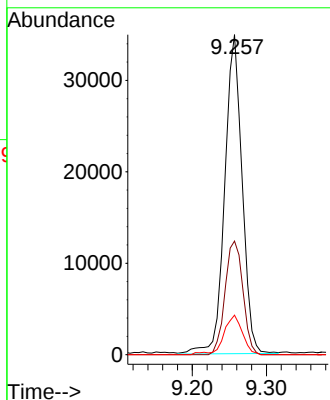
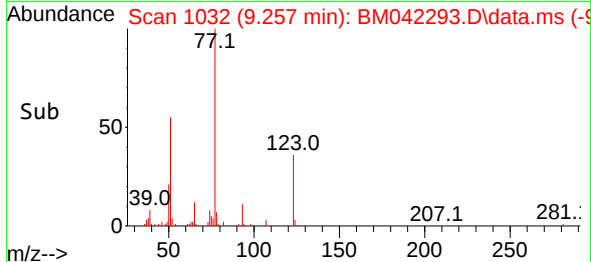
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



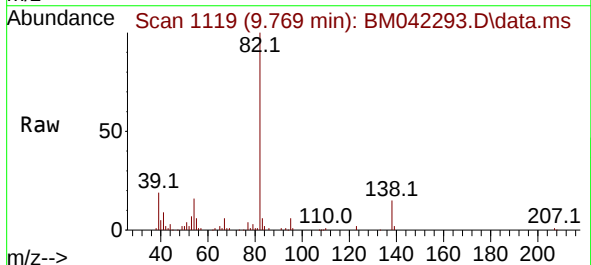
Tgt Ion: 77 Resp: 56964
Ion Ratio Lower Upper
77 100
123 35.5 31.3 46.9
65 12.4 10.7 16.1

Manual Integrations
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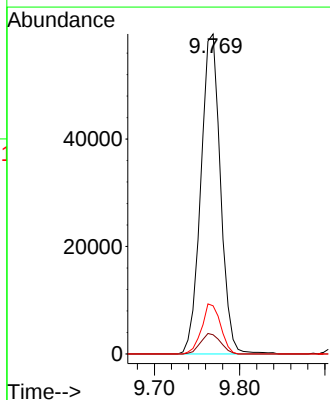
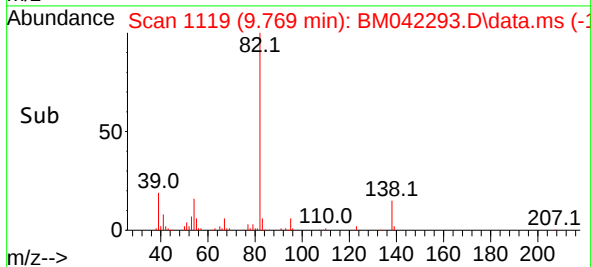
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

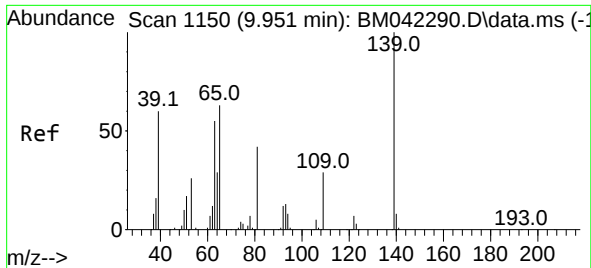


#23
Isophorone
Concen: 4.222 ng/u1
RT: 9.769 min Scan# 1119
Delta R.T. 0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25



Tgt Ion: 82 Resp: 95305
Ion Ratio Lower Upper
82 100
95 6.0 5.0 7.4
138 15.0 11.8 17.6





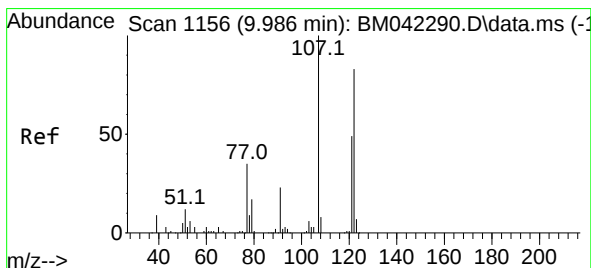
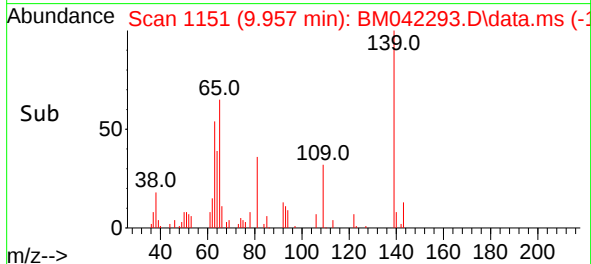
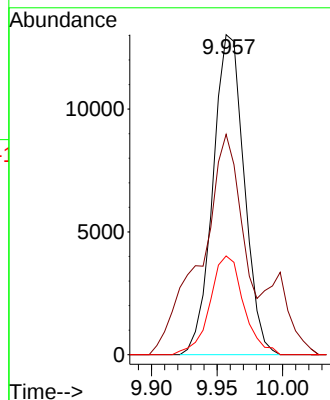
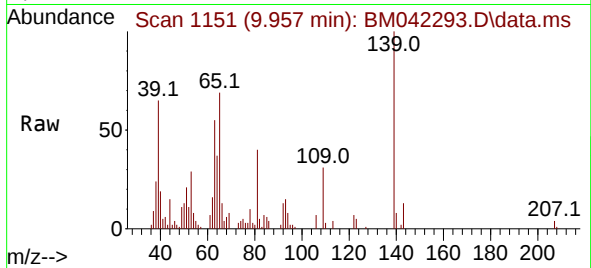
#25
2-Nitrophenol
Concen: 4.483 ng/ul
RT: 9.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion:139 Resp: 2158
Ion Ratio Lower Upper
139 100
65 68.8 49.4 74.2
109 30.8 24.0 36.0

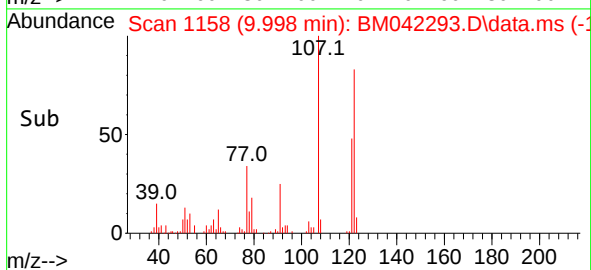
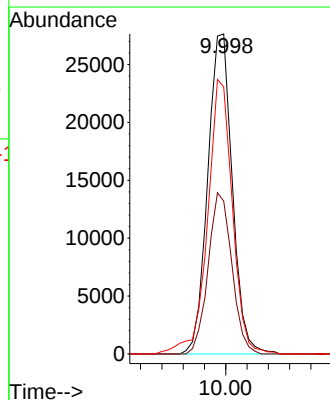
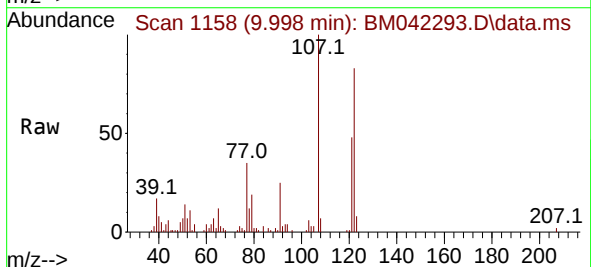
Manual Integrations
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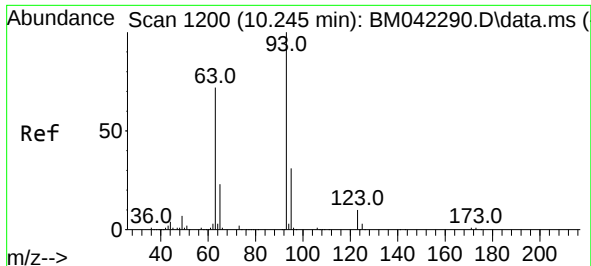
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#26
2,4-Dimethylphenol
Concen: 4.341 ng/ul
RT: 9.998 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

Tgt Ion:107 Resp: 44413
Ion Ratio Lower Upper
107 100
121 47.8 38.4 57.6
122 83.4 68.6 102.8





#27

Bis(2-Chloroethoxy)methane

Concen: 4.731 ng/ul

RT: 10.251 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BM042293.D

Acq: 16 Oct 2023 11:25

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2023-04

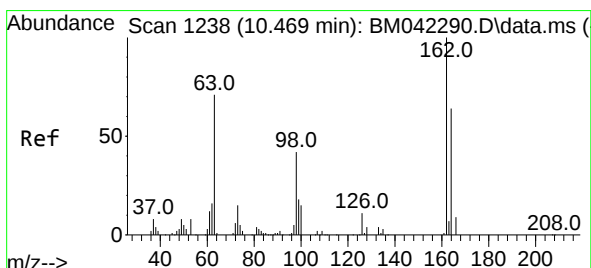
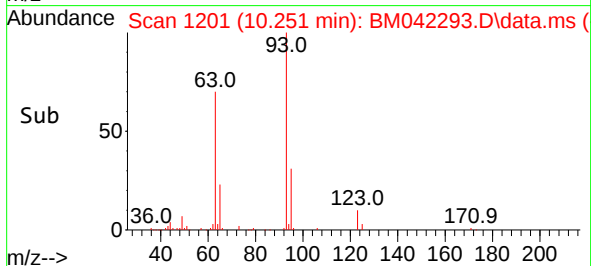
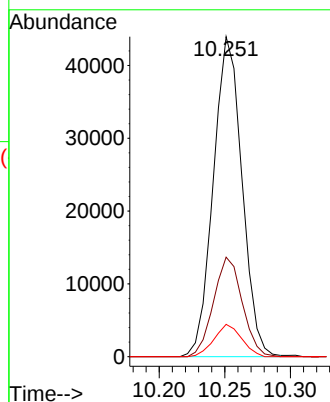
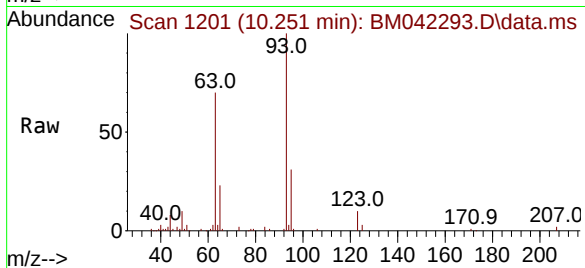
Tgt Ion:	93	Resp:	6676
Ion Ratio	Lower	Upper	
93	100		
95	31.1	26.1	39.1
123	10.1	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#29

2,4-Dichlorophenol

Concen: 4.357 ng/ul

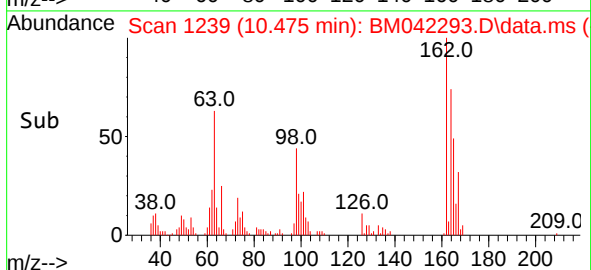
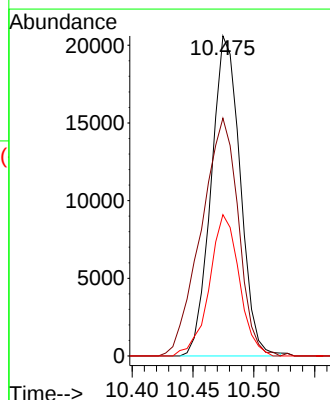
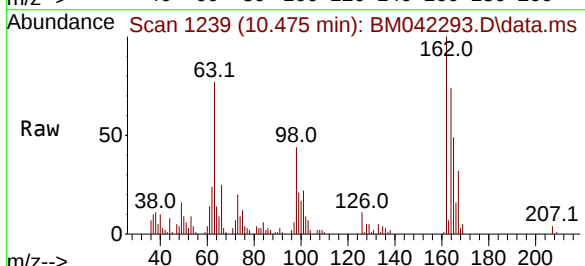
RT: 10.475 min Scan# 1239

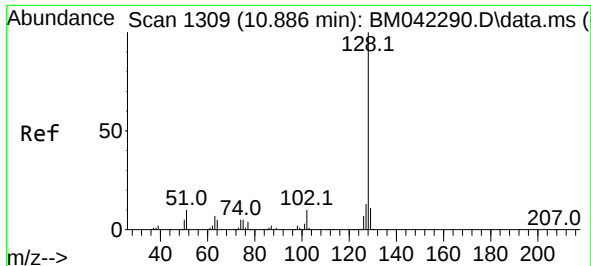
Delta R.T. -0.000 min

Lab File: BM042293.D

Acq: 16 Oct 2023 11:25

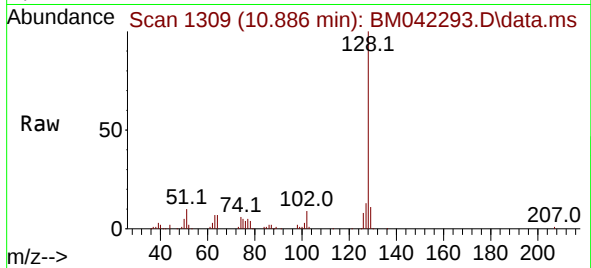
Tgt Ion:	162	Resp:	34167
Ion Ratio	Lower	Upper	
162	100		
164	74.3	52.4	78.6
98	44.2	34.6	52.0





#30
Naphthalene
Concen: 4.685 ng/ul
RT: 10.886 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

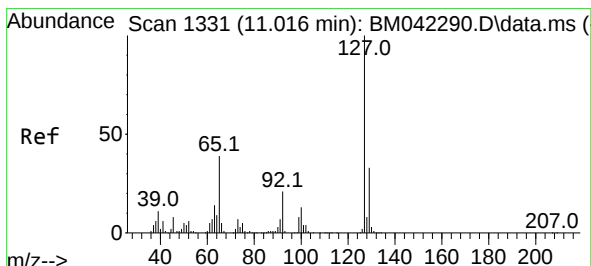
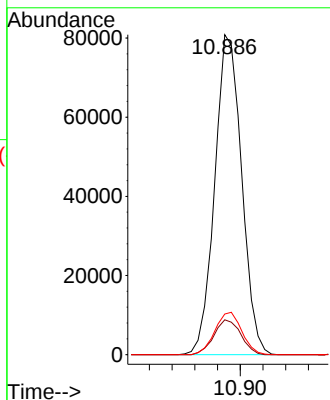
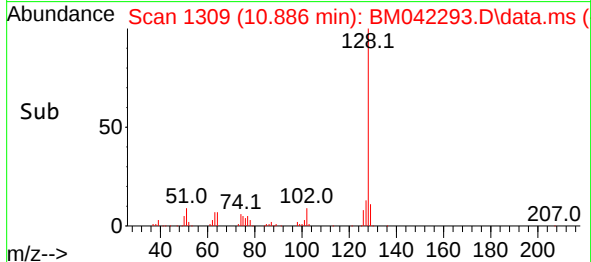
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:128 Resp: 133088
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.7 10.4 15.6

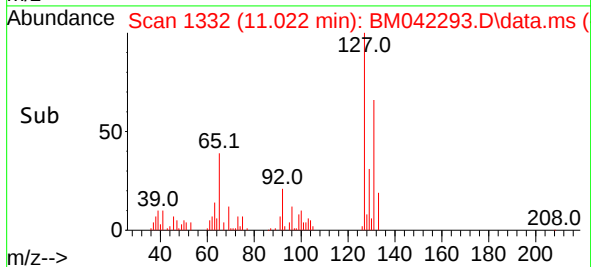
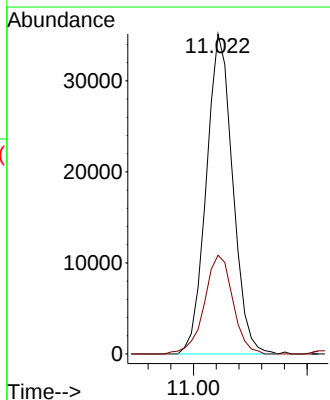
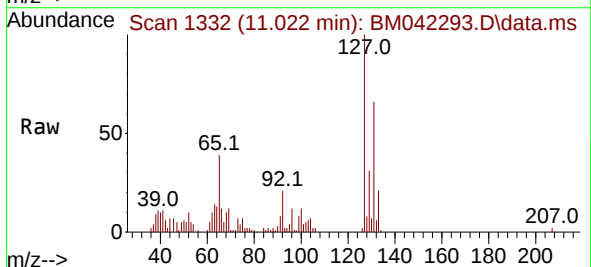
Manual Integrations
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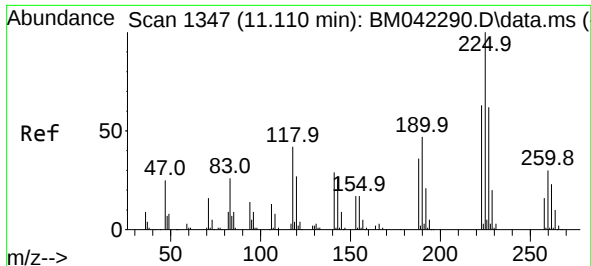
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#32
4-Chloroaniline
Concen: 4.648 ng/ul
RT: 11.022 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

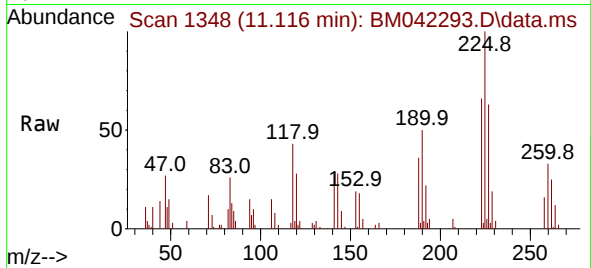
Tgt Ion:127 Resp: 56791
Ion Ratio Lower Upper
127 100
129 30.9 25.1 37.7





#33
Hexachlorobutadiene
Concen: 4.589 ng/u1
RT: 11.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

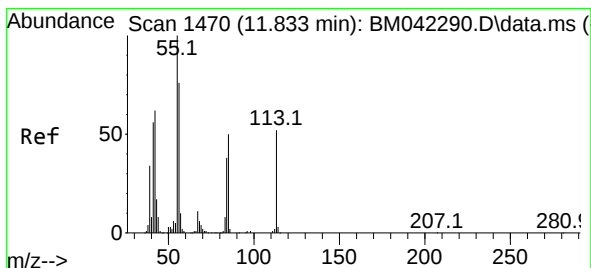
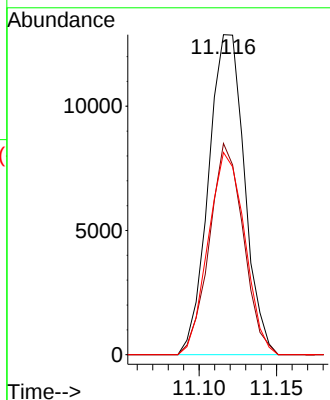
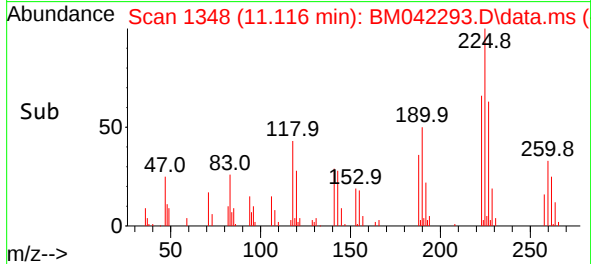
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



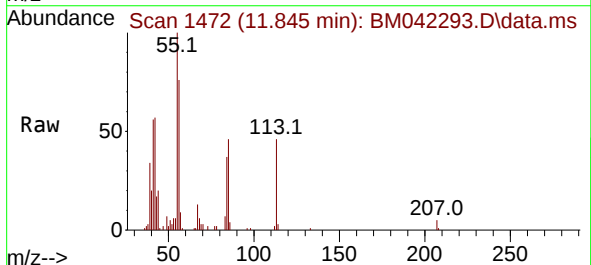
Tgt Ion:225 Resp: 20774
Ion Ratio Lower Upper
225 100
223 66.0 51.3 76.9
227 63.2 53.4 80.0

Manual Integrations
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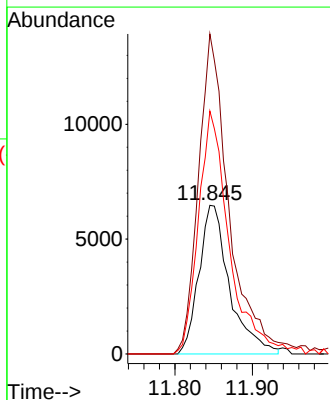
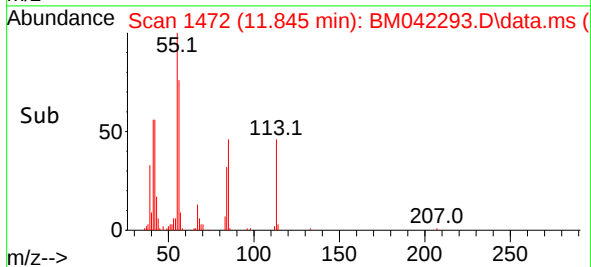
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

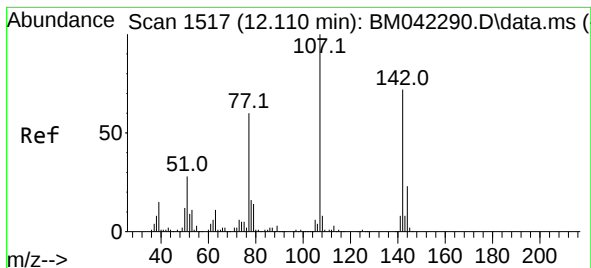


#34
Caprolactam
Concen: 6.221 ng/u1
RT: 11.845 min Scan# 1472
Delta R.T. 0.012 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25



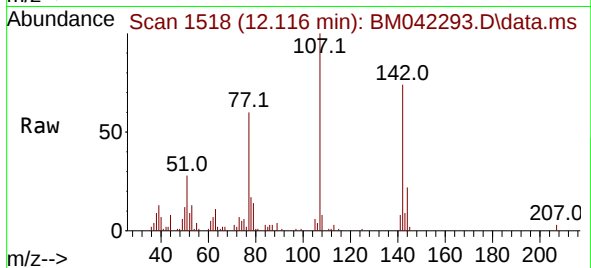
Tgt Ion:113 Resp: 17812
Ion Ratio Lower Upper
113 100
55 215.3 162.1 243.1
56 163.4 124.2 186.2





#35
4-Chloro-3-methylphenol
Concen: 3.887 ng/ul
RT: 12.116 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

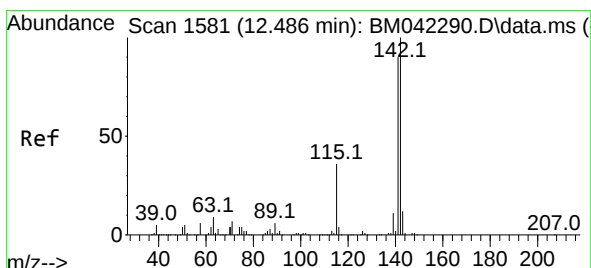
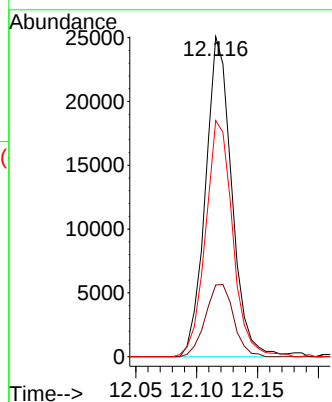
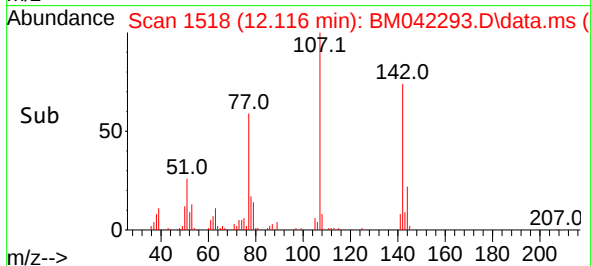
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:107 Resp: 37542
Ion Ratio Lower Upper
107 100
144 22.4 19.3 28.9
142 73.8 60.6 91.0

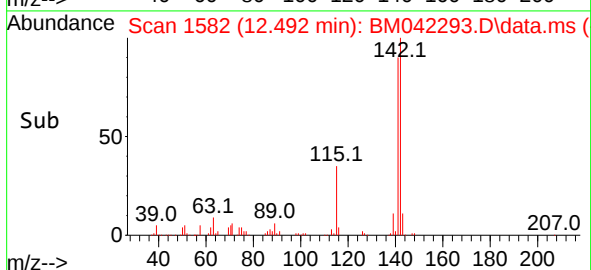
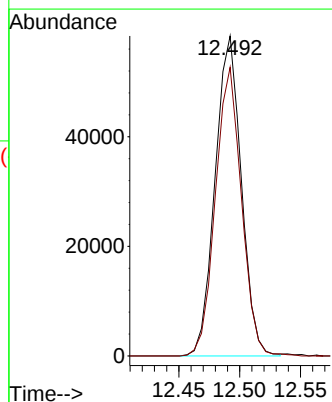
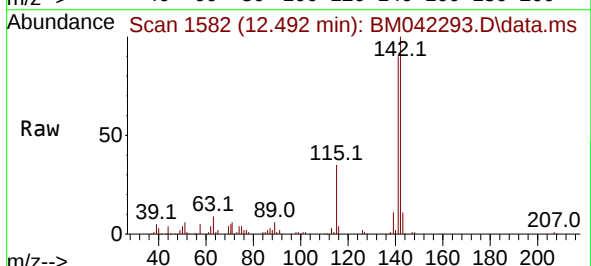
Manual Integrations
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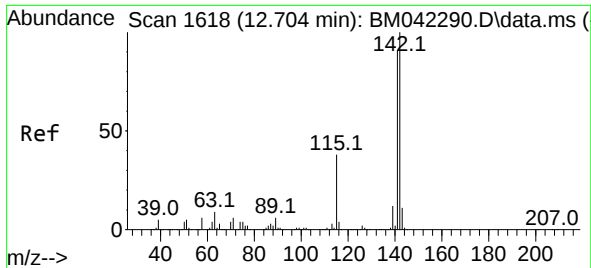
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#36
2-Methylnaphthalene
Concen: 4.499 ng/ul
RT: 12.492 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

Tgt Ion:142 Resp: 87469
Ion Ratio Lower Upper
142 100
141 90.2 71.5 107.3





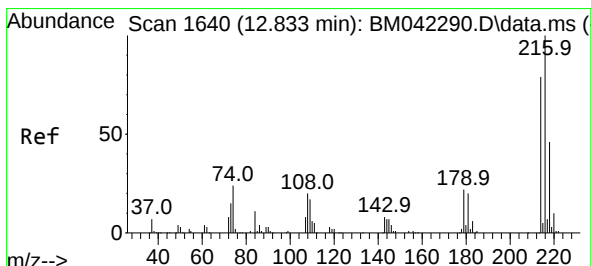
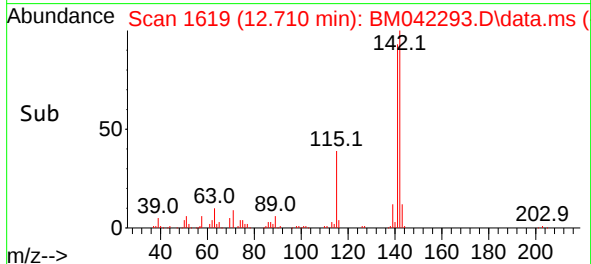
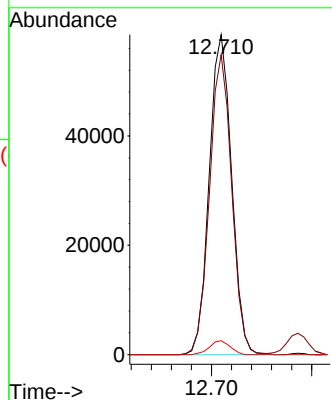
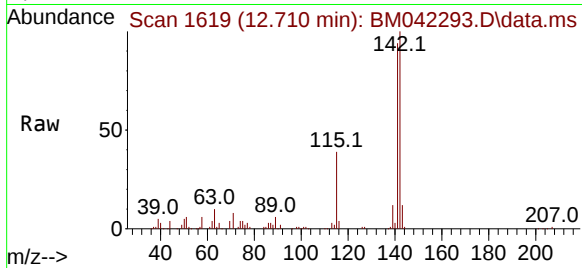
#37
1-Methylnaphthalene
Concen: 4.610 ng/ul
RT: 12.710 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04

Tgt Ion:142 Resp: 9059
Ion Ratio Lower Upper
142 100
141 93.8 74.6 111.8
116 4.3 3.2 4.8

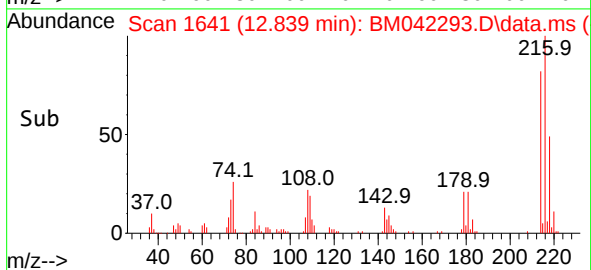
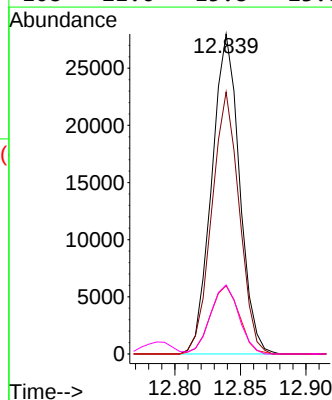
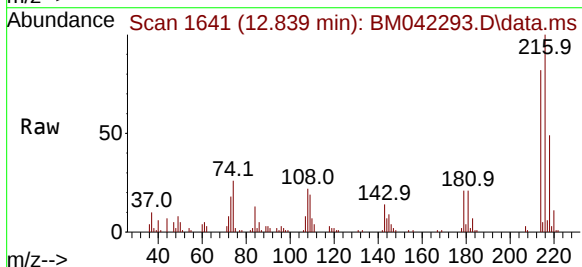
Manual Integrations
APPROVED

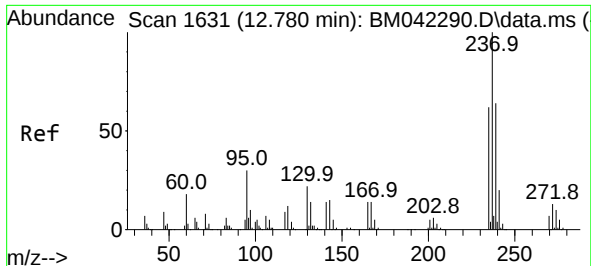
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.467 ng/ul
RT: 12.839 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

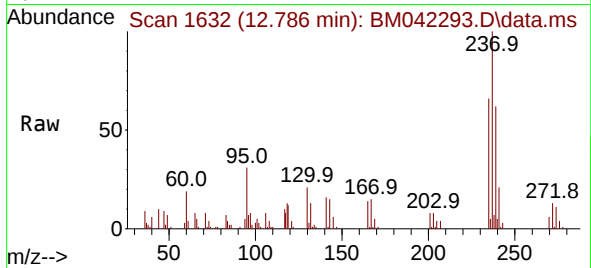
Tgt Ion:216 Resp: 41231
Ion Ratio Lower Upper
216 100
214 81.9 60.6 90.8
179 21.3 16.9 25.3
108 21.6 15.8 23.8





#40
Hexachlorocyclopentadiene
Concen: 5.825 ng/ul
RT: 12.786 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

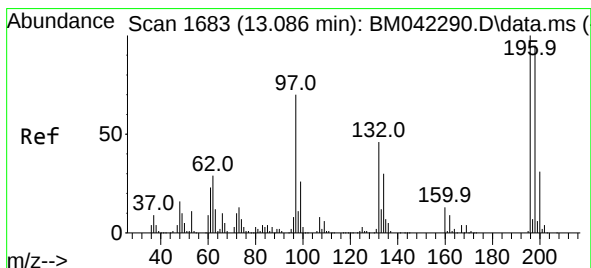
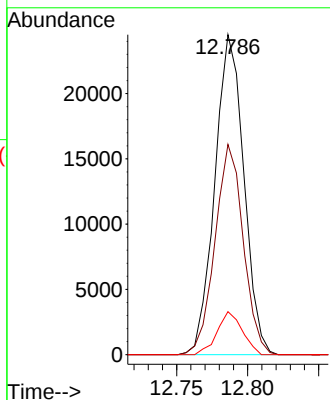
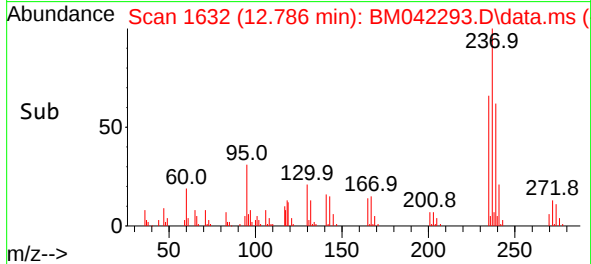
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:237 Resp: 3480
Ion Ratio Lower Upper
237 100
235 65.7 51.5 77.3
272 13.5 9.8 14.6

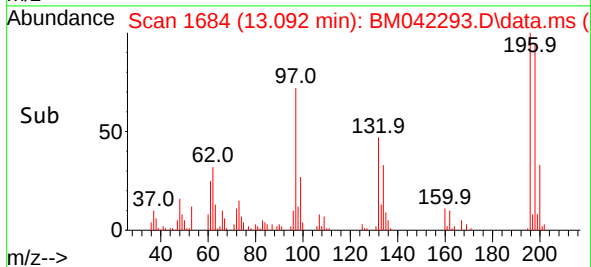
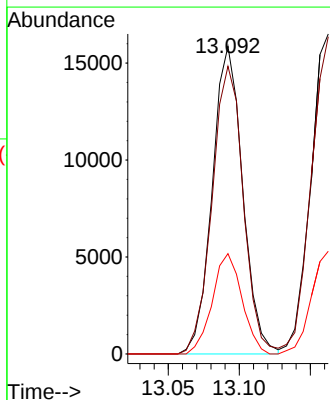
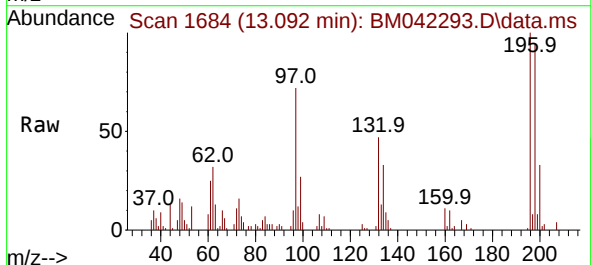
Manual Integrations
APPROVED

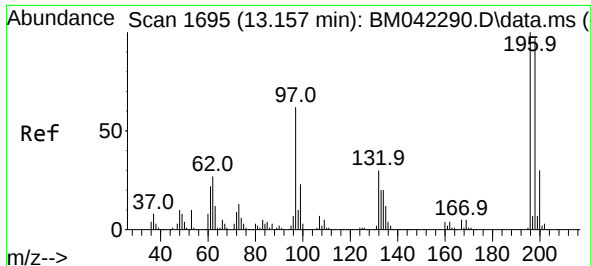
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#41
2,4,6-Trichlorophenol
Concen: 3.830 ng/ul
RT: 13.092 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

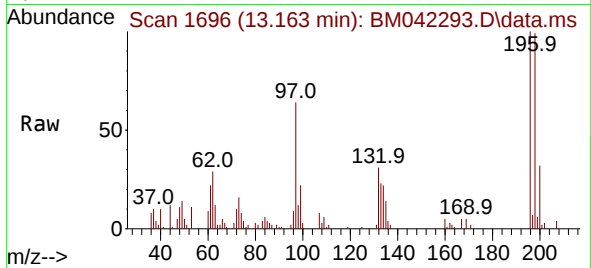
Tgt Ion:196 Resp: 23640
Ion Ratio Lower Upper
196 100
198 93.5 79.5 119.3
200 32.6 25.3 37.9





#42
2,4,5-Trichlorophenol
Concen: 4.077 ng/ul
RT: 13.163 min Scan# 1696
Delta R.T. 0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

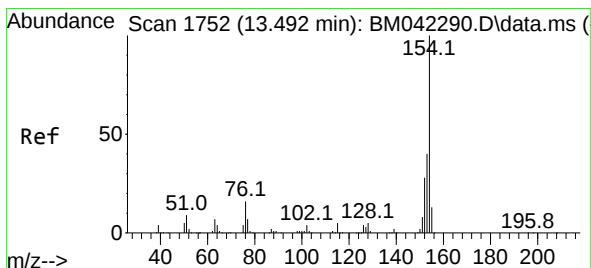
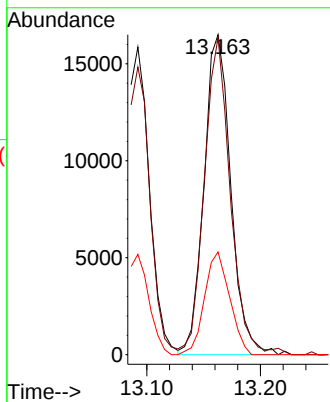
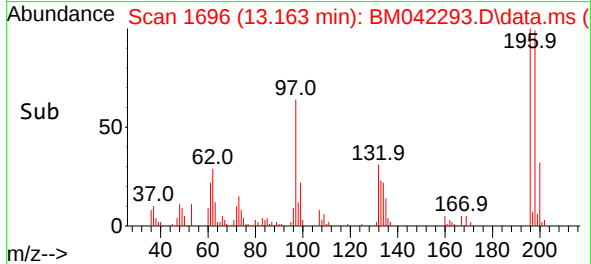
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



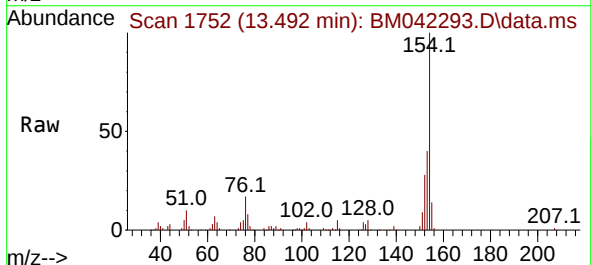
Tgt Ion:196 Resp: 27010
Ion Ratio Lower Upper
196 100
198 99.2 76.4 114.6
200 32.1 24.3 36.5

Manual Integrations
APPROVED

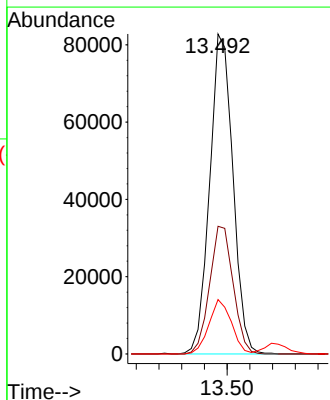
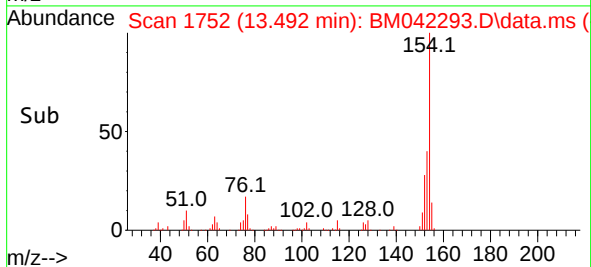
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

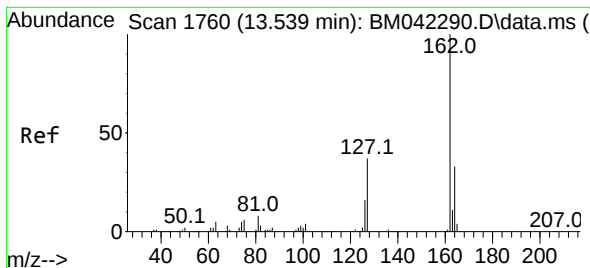


#43
1,1'-Biphenyl
Concen: 4.679 ng/ul
RT: 13.492 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25



Tgt Ion:154 Resp: 117553
Ion Ratio Lower Upper
154 100
153 39.9 32.9 49.3
76 17.0 13.0 19.4





#44

2-Chloronaphthalene

Concen: 4.707 ng/ul

RT: 13.545 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042293.D

Acq: 16 Oct 2023 11:25

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2023-04

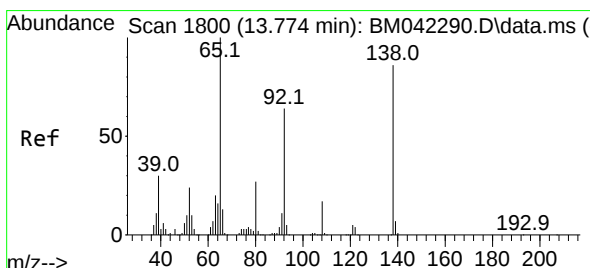
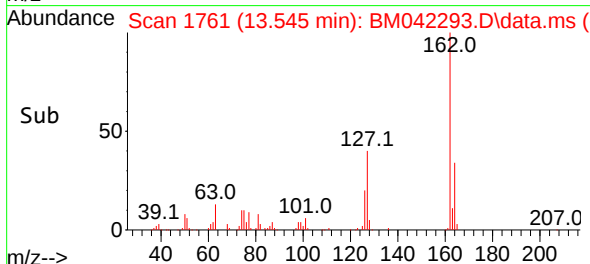
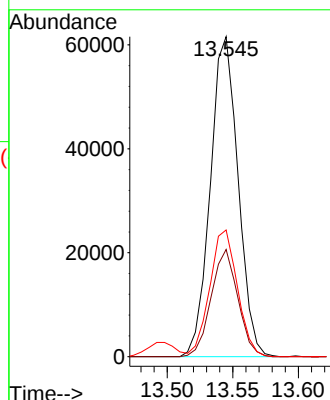
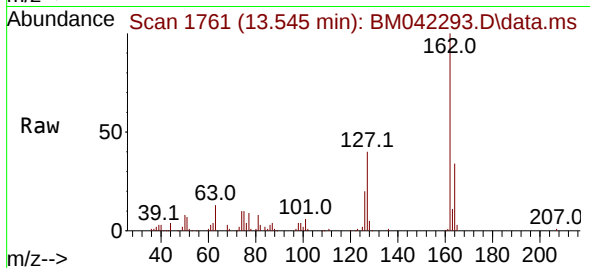
Tgt Ion:	162	Resp:	9064
Ion Ratio	Lower	Upper	
162	100		
164	33.5	26.9	40.3
127	39.6	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#45

2-Nitroaniline

Concen: 3.808 ng/ul

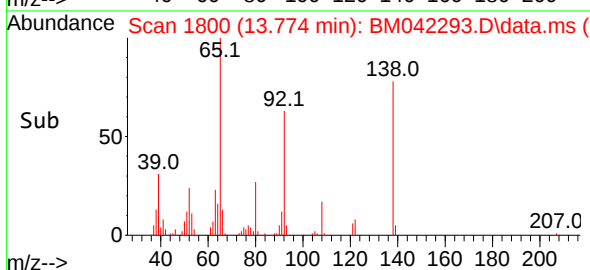
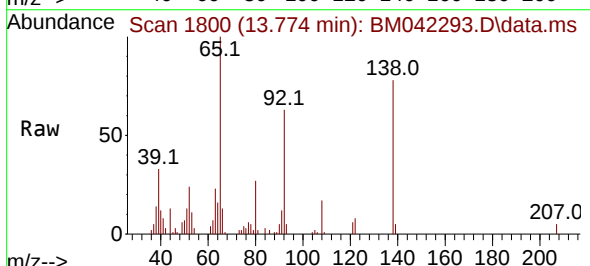
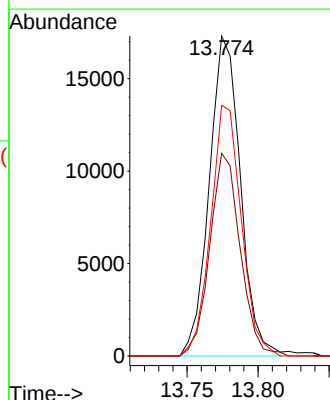
RT: 13.774 min Scan# 1800

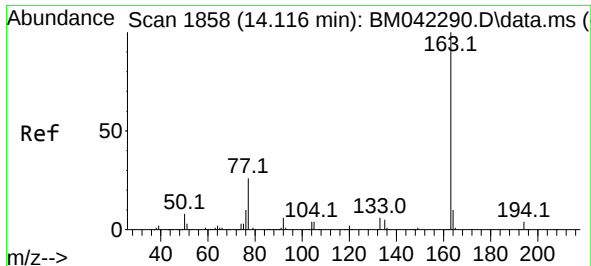
Delta R.T. -0.000 min

Lab File: BM042293.D

Acq: 16 Oct 2023 11:25

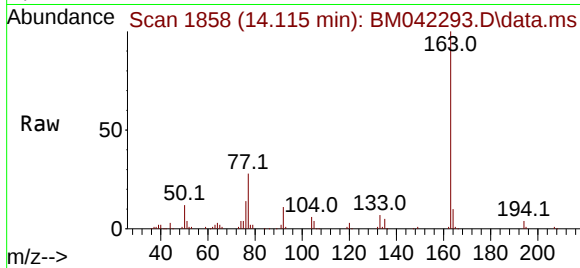
Tgt Ion:	65	Resp:	26366
Ion Ratio	Lower	Upper	
65	100		
92	63.3	50.0	75.0
138	78.3	66.4	99.6





#47
Dimethylphthalate
Concen: 4.645 ng/ul
RT: 14.115 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

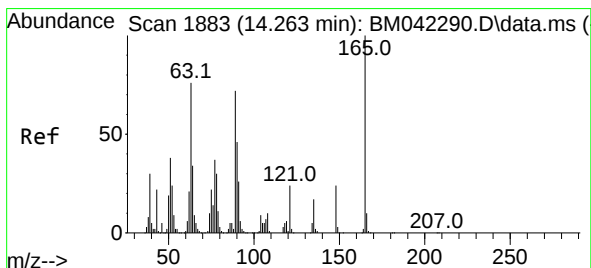
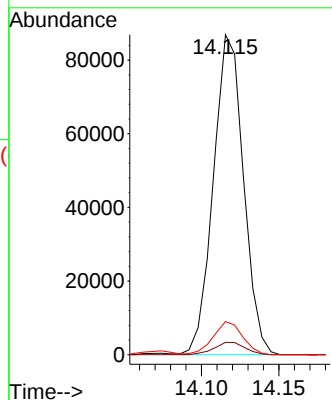
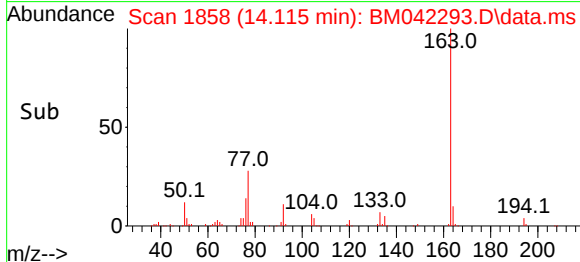
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



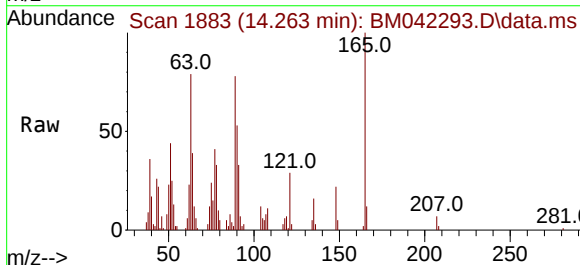
Tgt Ion:163 Resp: 11745
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.3 8.1 12.1

Manual Integrations
APPROVED

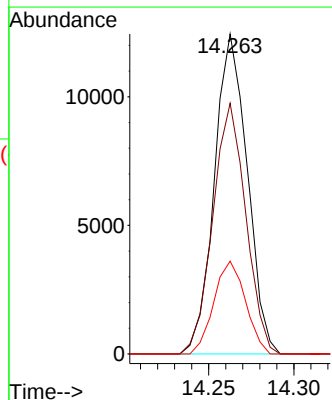
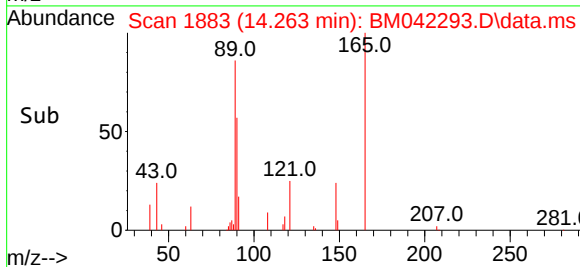
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

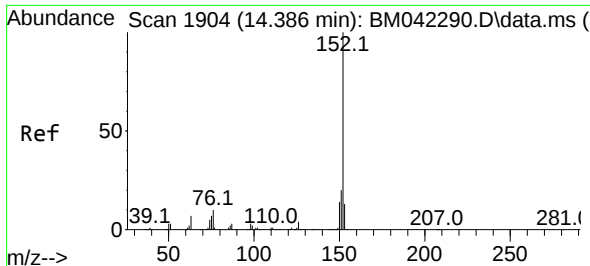


#48
2,6-Dinitrotoluene
Concen: 3.649 ng/ul
RT: 14.263 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25



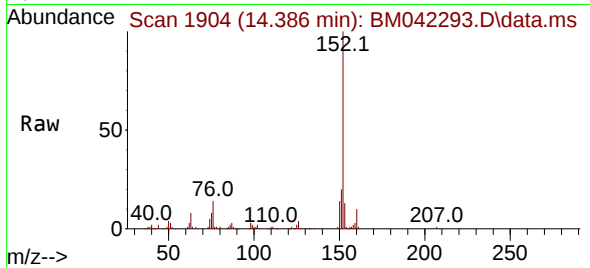
Tgt Ion:165 Resp: 16704
Ion Ratio Lower Upper
165 100
89 78.4 60.3 90.5
121 29.0 20.2 30.4





#50
Acenaphthylene
Concen: 4.750 ng/ul
RT: 14.386 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

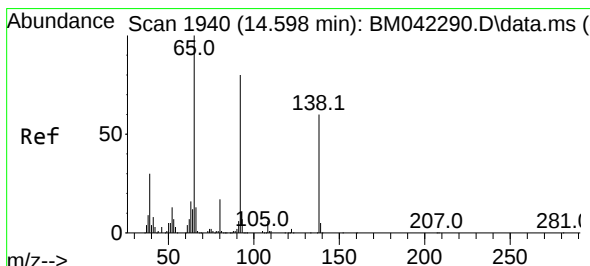
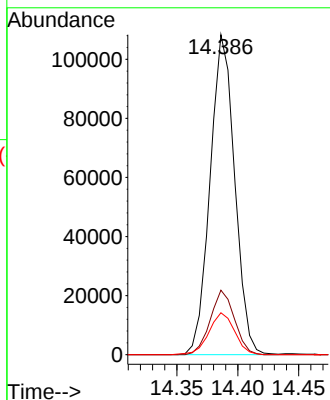
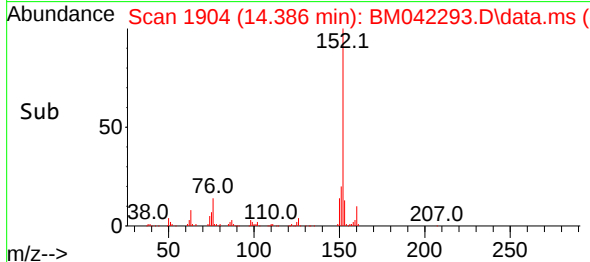
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



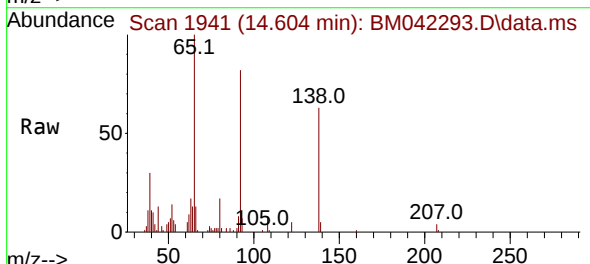
Tgt Ion:152 Resp: 152568
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.1 10.3 15.5

Manual Integrations
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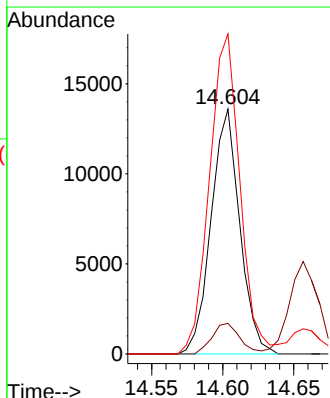
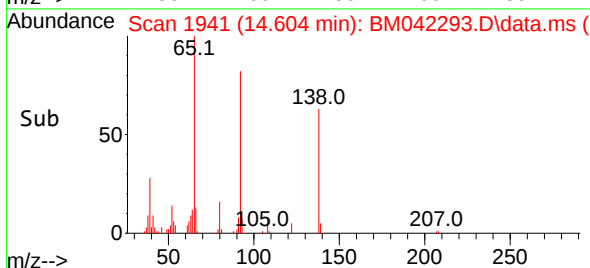
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

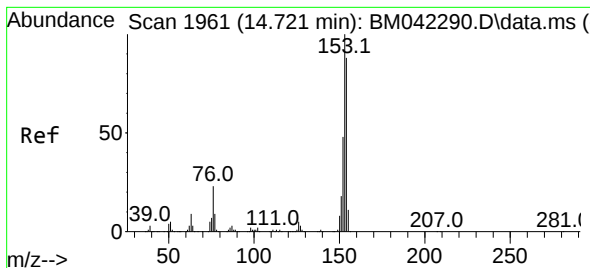


#51
3-Nitroaniline
Concen: 3.539 ng/ul
RT: 14.604 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25



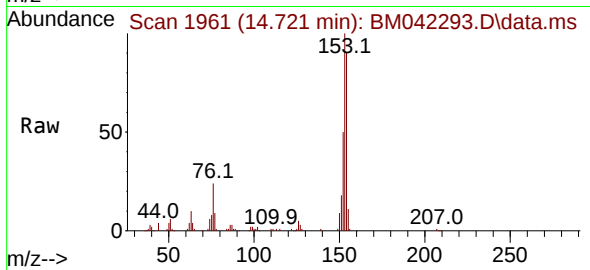
Tgt Ion:138 Resp: 19097
Ion Ratio Lower Upper
138 100
108 12.5 8.5 12.7
92 130.7 103.8 155.6





#52
Acenaphthene
Concen: 4.659 ng/ul
RT: 14.721 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

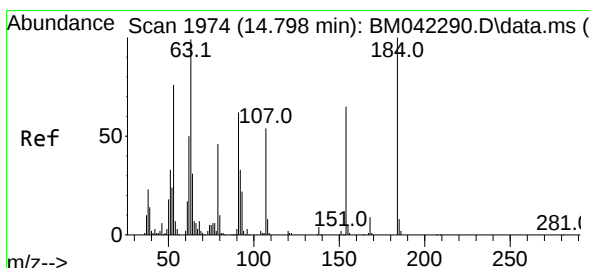
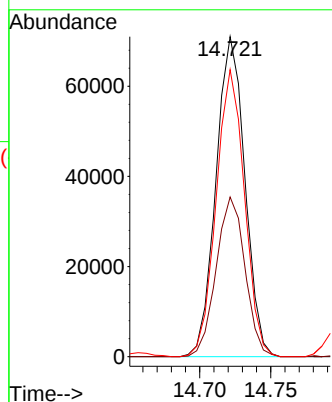
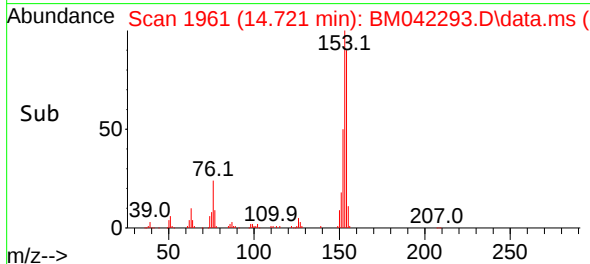
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT2-2023-04



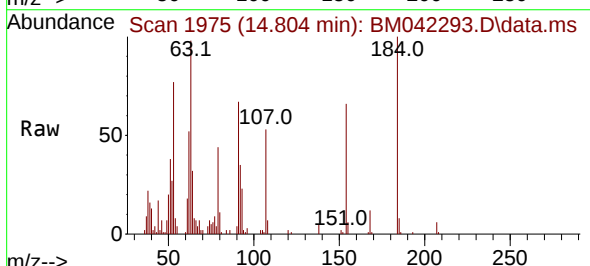
Tgt Ion:153 Resp: 10053
Ion Ratio Lower Upper
153 100
152 49.9 39.0 58.4
154 89.7 70.4 105.6

Manual Integrations
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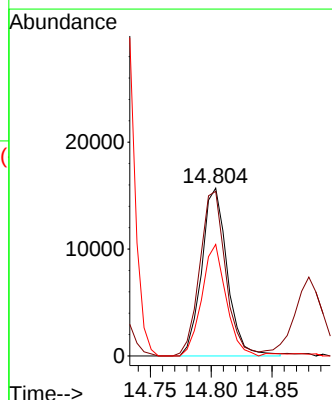
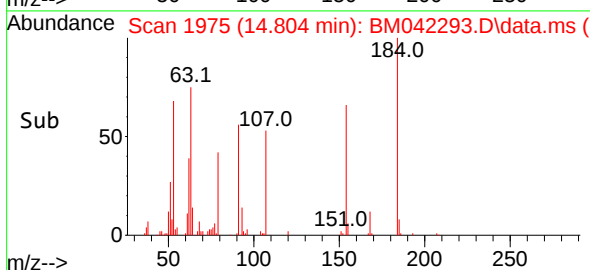
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

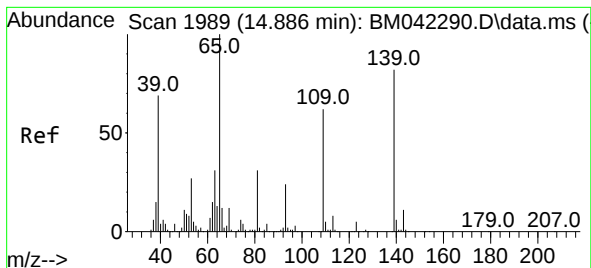


#53
2,4-Dinitrophenol
Concen: 7.391 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25



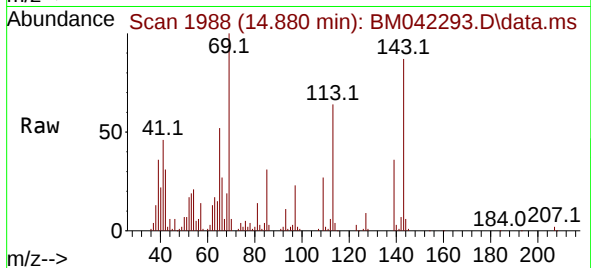
Tgt Ion:184 Resp: 22900
Ion Ratio Lower Upper
184 100
63 98.2 70.6 106.0
154 66.5 50.1 75.1





#55
4-Nitrophenol
Concen: 4.256 ng/ul
RT: 14.880 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

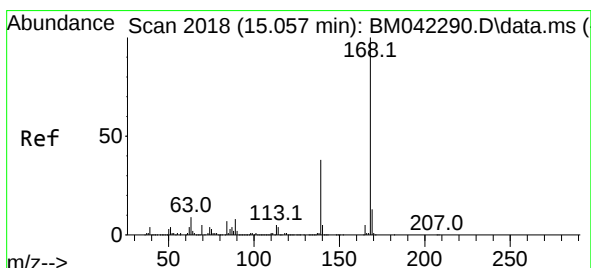
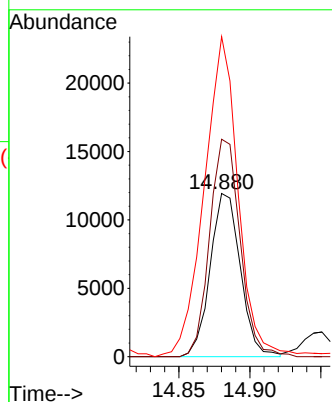
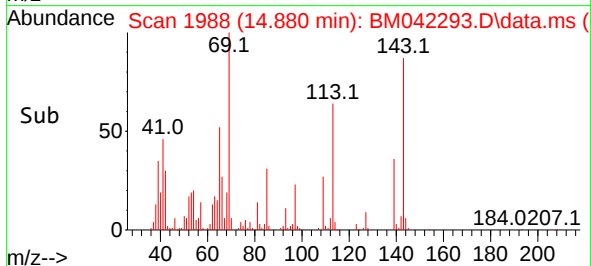
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:109 Resp: 1764
Ion Ratio Lower Upper
109 100
139 133.2 102.5 153.7
65 196.0 126.6 189.8

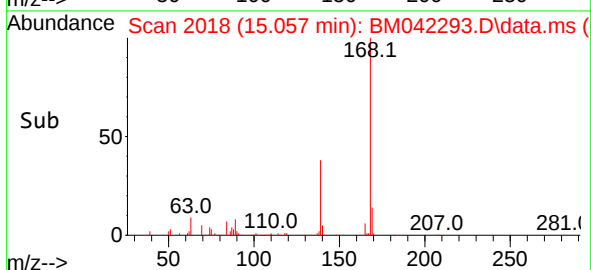
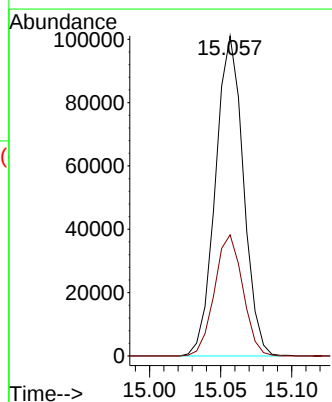
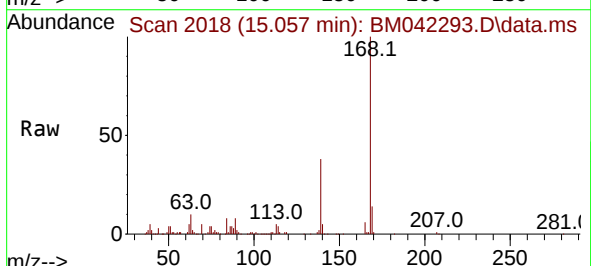
Manual Integrations
APPROVED

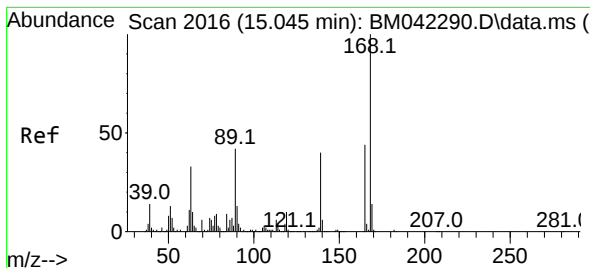
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#56
Dibenzofuran
Concen: 4.761 ng/ul
RT: 15.057 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

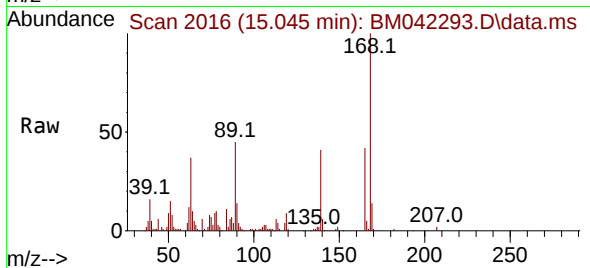
Tgt Ion:168 Resp: 138020
Ion Ratio Lower Upper
168 100
139 37.8 30.7 46.1





#57
2,4-Dinitrotoluene
Concen: 3.935 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

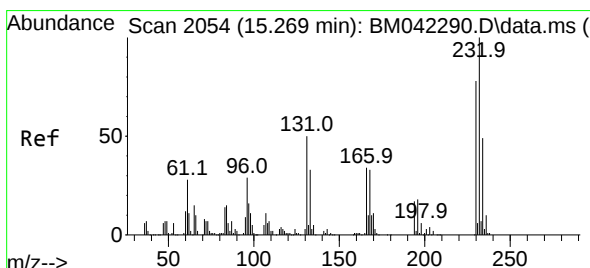
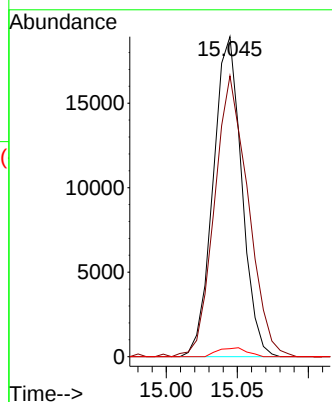
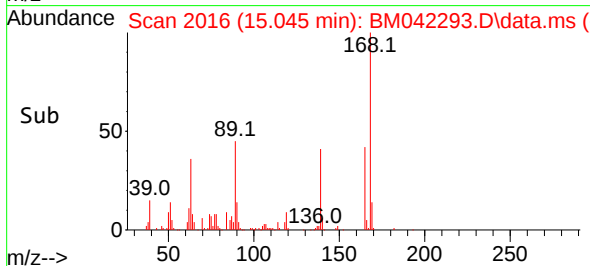
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:165 Resp: 2656
Ion Ratio Lower Upper
165 100
63 87.7 57.5 86.3
182 2.5 2.0 3.0

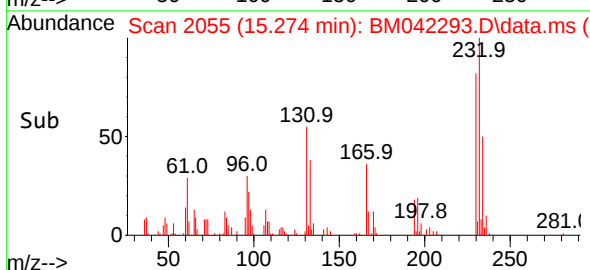
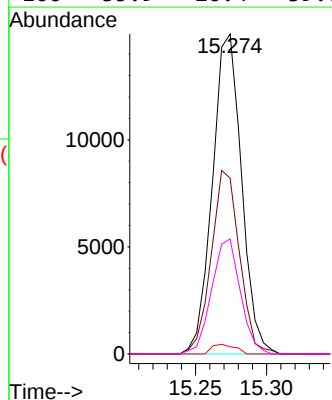
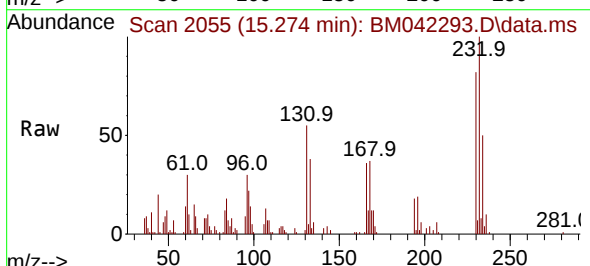
Manual Integrations
APPROVED

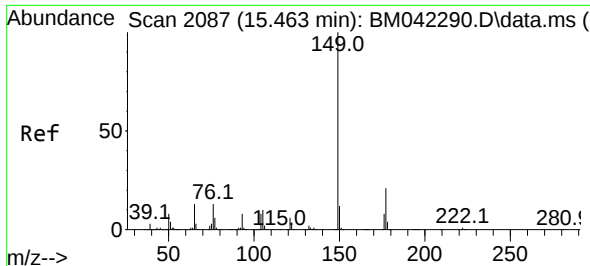
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.830 ng/ul
RT: 15.274 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

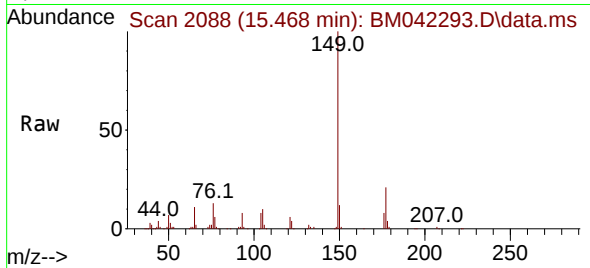
Tgt Ion:232 Resp: 21295
Ion Ratio Lower Upper
232 100
131 55.0 38.2 57.4
130 2.3 2.2 3.4
166 35.9 26.4 39.6





#59
Diethylphthalate
Concen: 4.420 ng/ul
RT: 15.468 min Scan# 2087
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

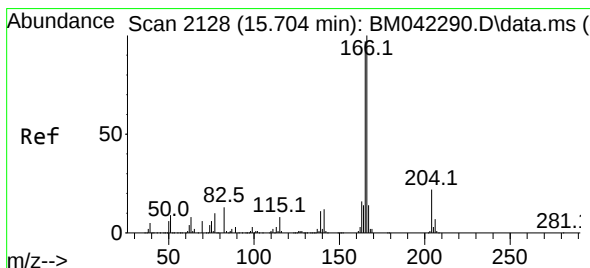
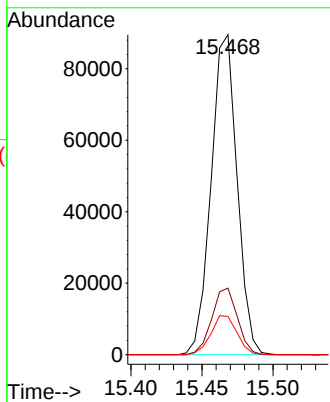
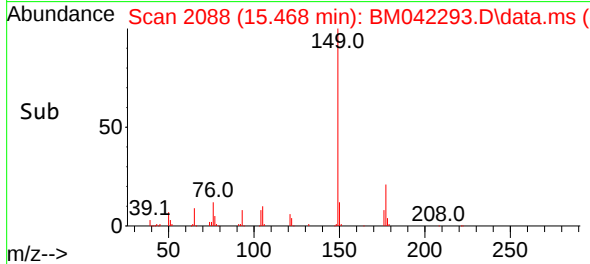
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT2-2023-04



Tgt Ion:149 Resp: 11410
Ion Ratio Lower Upper
149 100
177 20.8 16.6 25.0
150 12.0 9.7 14.5

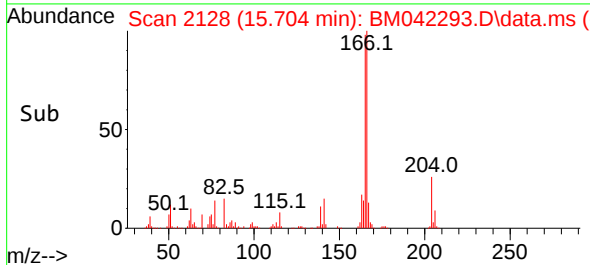
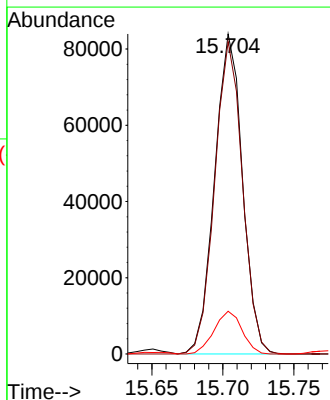
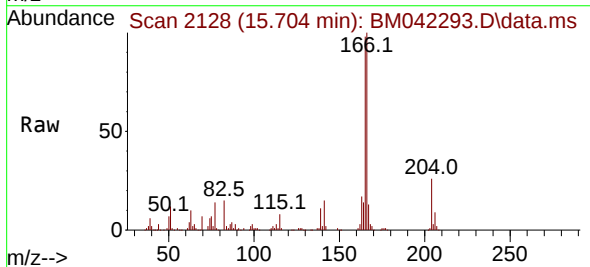
Manual Integrations
APPROVED

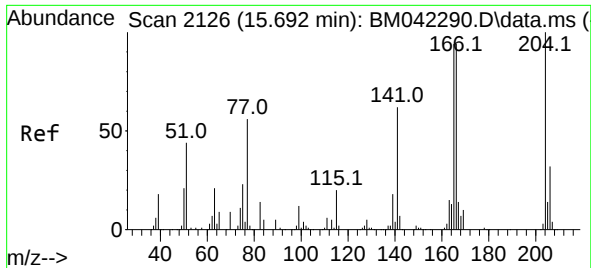
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#61
Fluorene
Concen: 4.752 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

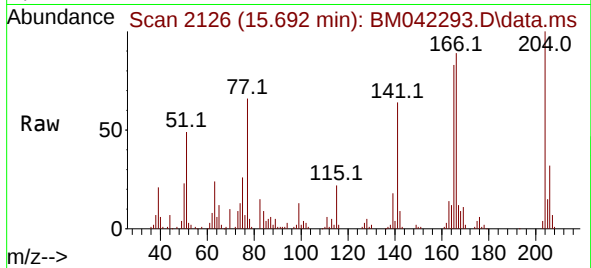
Tgt Ion:166 Resp: 114238
Ion Ratio Lower Upper
166 100
165 97.6 78.7 118.1
167 13.3 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 4.544 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

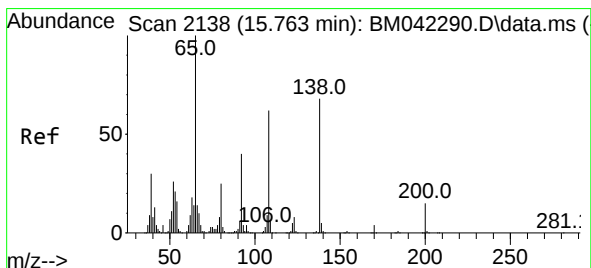
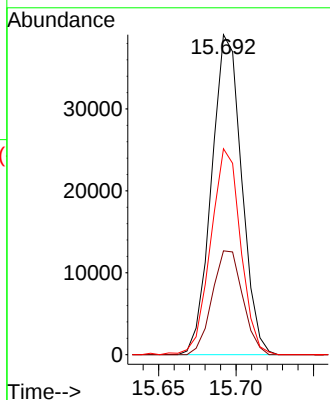
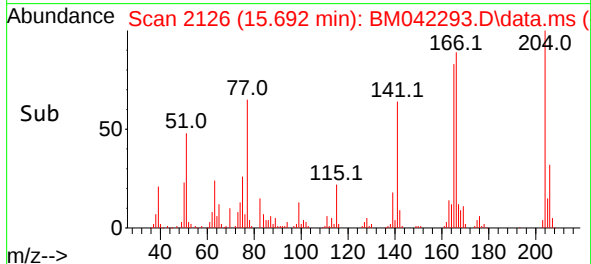
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



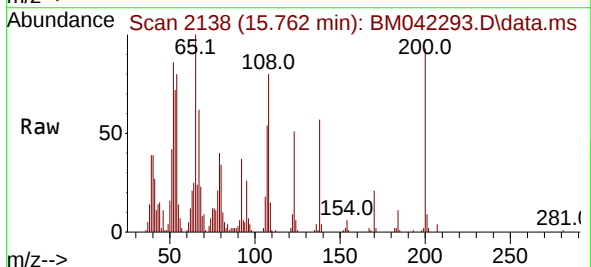
Tgt Ion:204 Resp: 52754
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 64.4 48.5 72.7

Manual Integrations
APPROVED

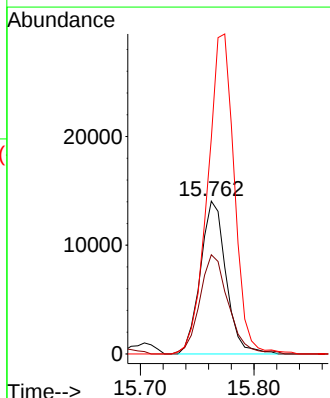
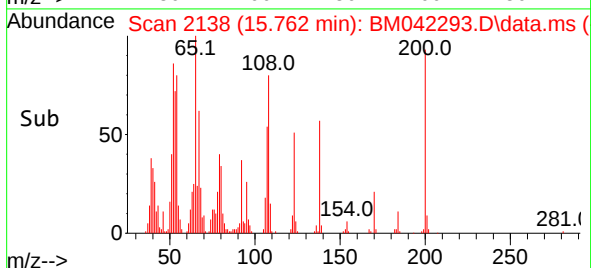
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

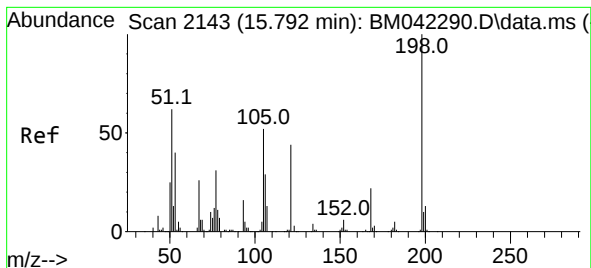


#63
4-Nitroaniline
Concen: 4.562 ng/ul
RT: 15.762 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25



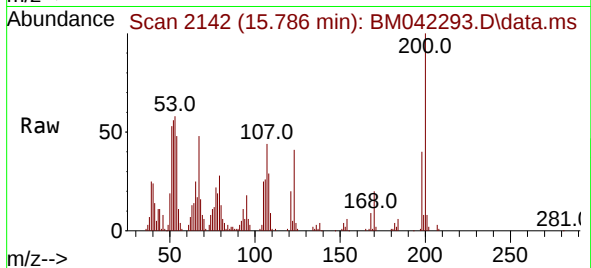
Tgt Ion:138 Resp: 22018
Ion Ratio Lower Upper
138 100
92 64.9 49.5 74.3
108 141.2 72.5 108.7#





#66
4,6-Dinitro-2-methylphenol
Concen: 4.112 ng/ul
RT: 15.786 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

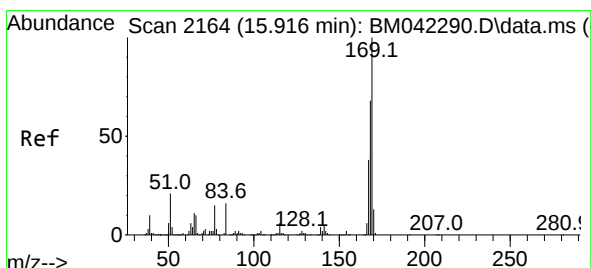
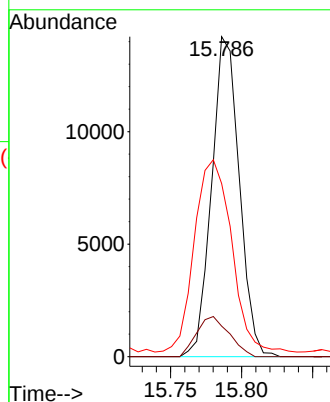
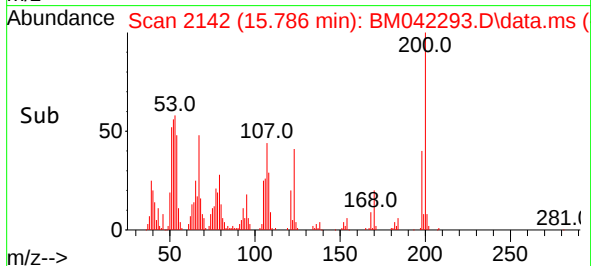
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:198 Resp: 1923
Ion Ratio Lower Upper
198 100
182 9.6 4.2 6.2
77 54.1 27.4 41.0

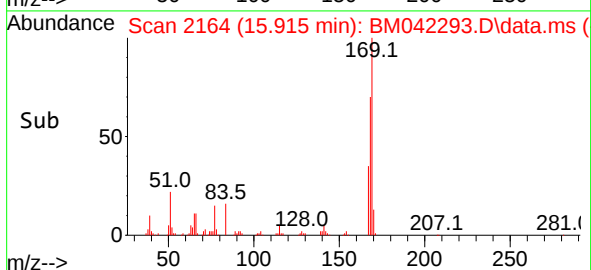
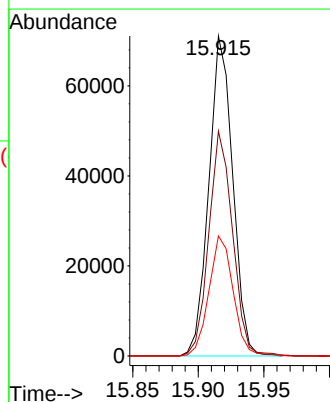
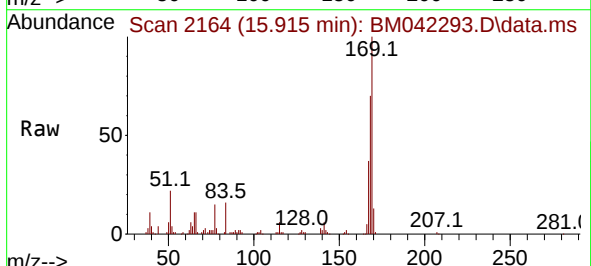
Manual Integrations
APPROVED

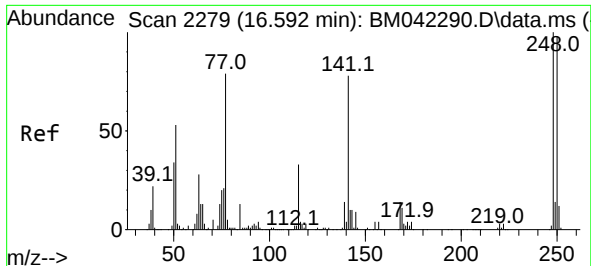
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 4.433 ng/ul
RT: 15.915 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

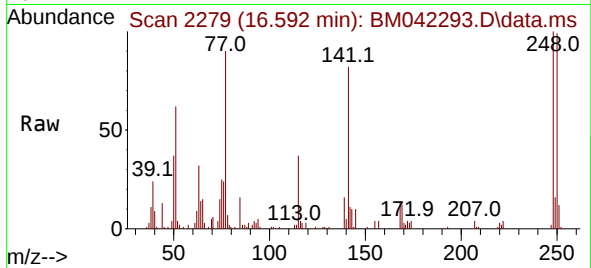
Tgt Ion:169 Resp: 90074
Ion Ratio Lower Upper
169 100
168 70.3 55.8 83.8
167 37.5 29.8 44.8





#68
4-Bromophenyl-phenylether
Concen: 4.016 ng/ul
RT: 16.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

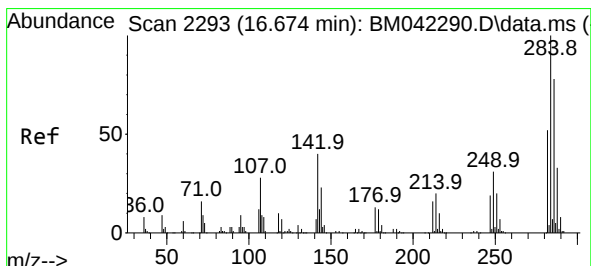
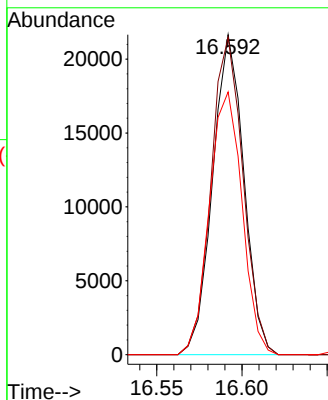
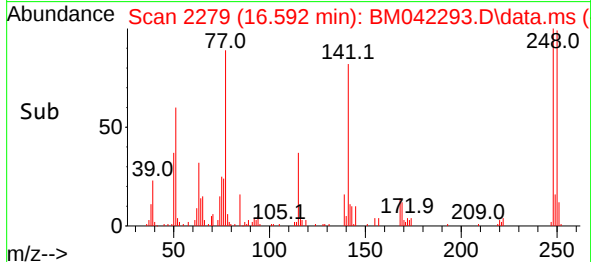
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



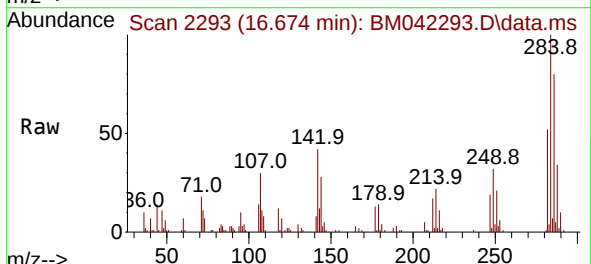
Tgt Ion:248 Resp: 27584
Ion Ratio Lower Upper
248 100
250 99.2 79.4 119.0
141 82.1 66.5 99.7

Manual Integrations
APPROVED

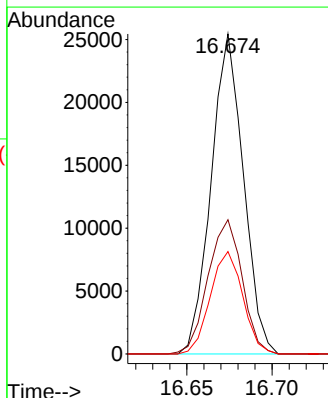
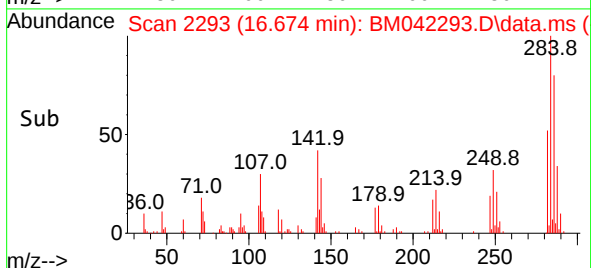
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

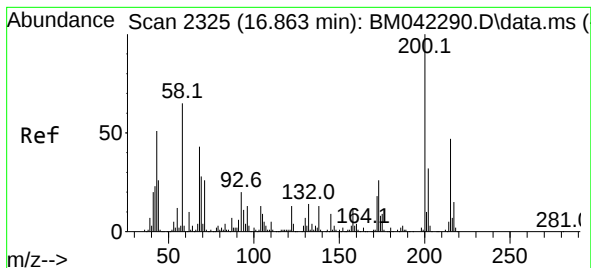


#69
Hexachlorobenzene
Concen: 4.293 ng/ul
RT: 16.674 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25



Tgt Ion:284 Resp: 33528
Ion Ratio Lower Upper
284 100
142 42.0 33.8 50.6
249 32.0 25.4 38.0





#70

Atrazine

Concen: 3.777 ng/ul

RT: 16.862 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042293.D

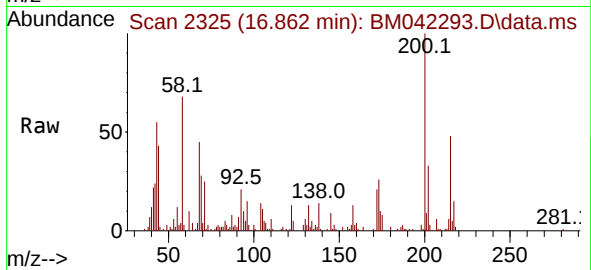
Acq: 16 Oct 2023 11:25

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2023-04



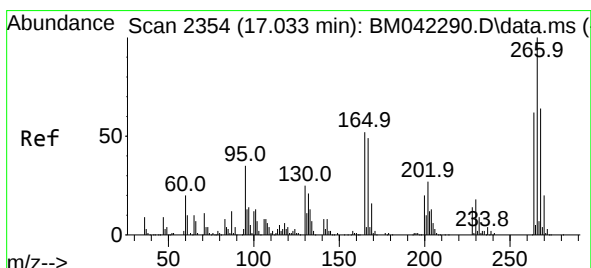
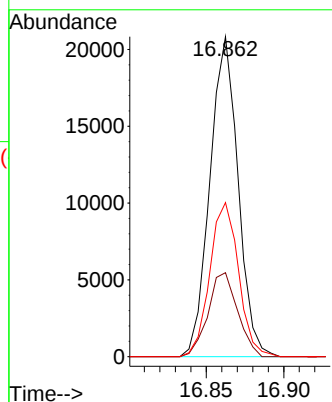
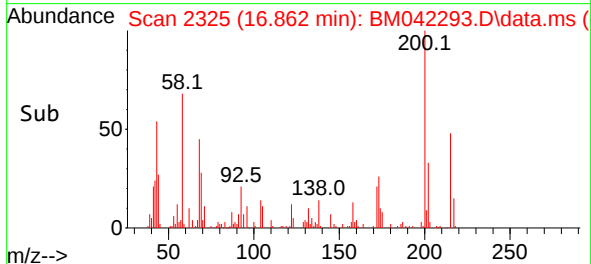
Tgt Ion:	200	Resp:	2633
Ion Ratio	Lower	Upper	
200	100		
173	26.2	21.0	31.6
215	48.2	36.1	54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#71

Pentachlorophenol

Concen: 5.568 ng/ul

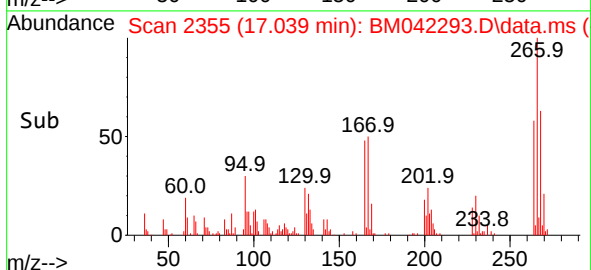
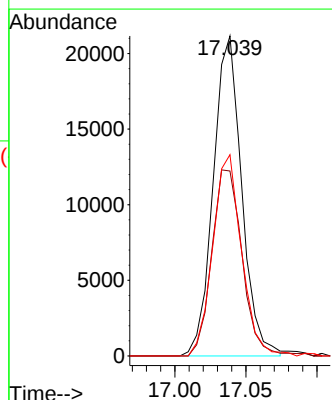
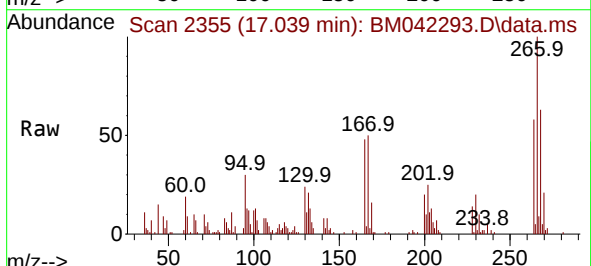
RT: 17.039 min Scan# 2355

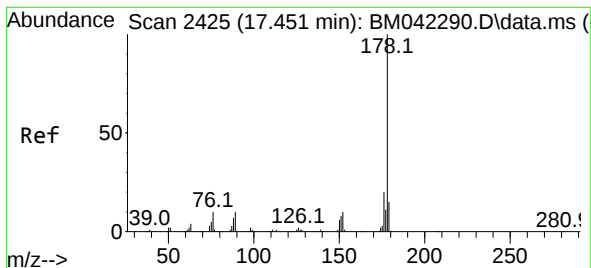
Delta R.T. -0.000 min

Lab File: BM042293.D

Acq: 16 Oct 2023 11:25

Tgt Ion:	266	Resp:	29466
Ion Ratio	Lower	Upper	
266	100		
264	57.8	51.2	76.8
268	62.9	52.6	78.8





#72

Phenanthrene

Concen: 4.516 ng/u1

RT: 17.451 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BM042293.D

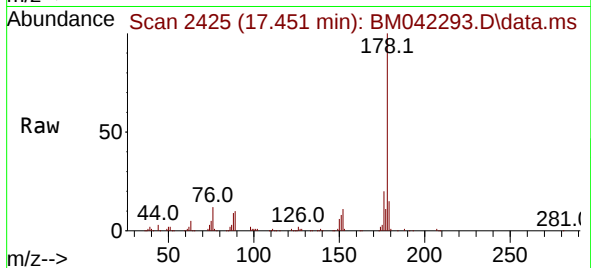
Acq: 16 Oct 2023 11:25

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2023-04



Tgt Ion:178 Resp: 176920

Ion Ratio Lower Upper

178 100

179 14.6 12.2 18.4

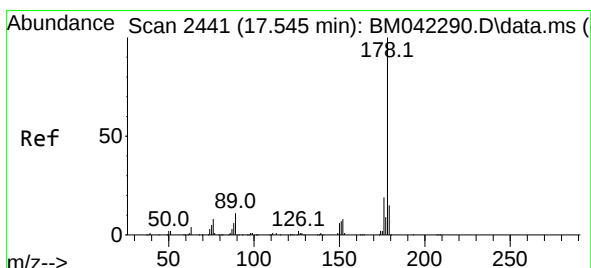
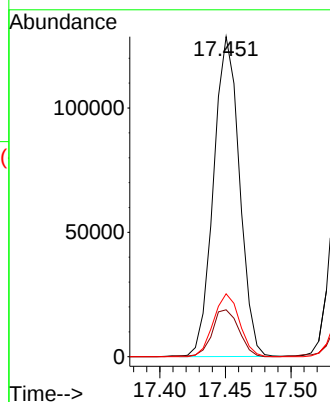
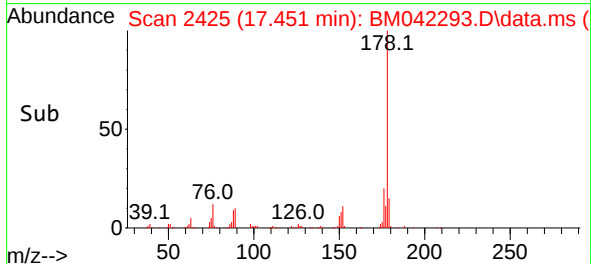
176 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#74

Anthracene

Concen: 4.593 ng/u1

RT: 17.545 min Scan# 2441

Delta R.T. -0.000 min

Lab File: BM042293.D

Acq: 16 Oct 2023 11:25

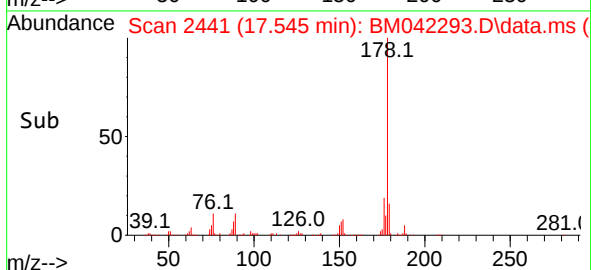
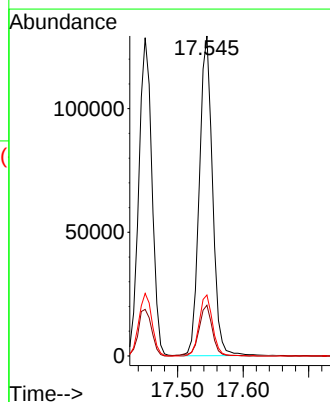
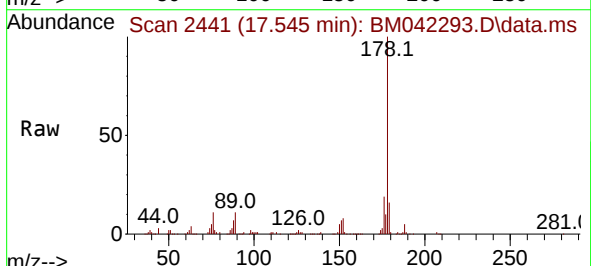
Tgt Ion:178 Resp: 180994

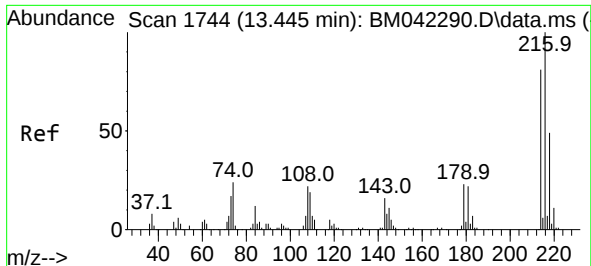
Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.2

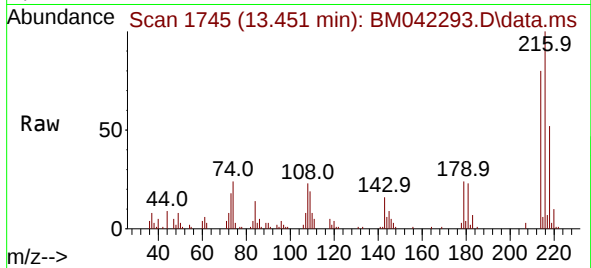
176 19.1 15.0 22.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.270 ng/uL
RT: 13.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

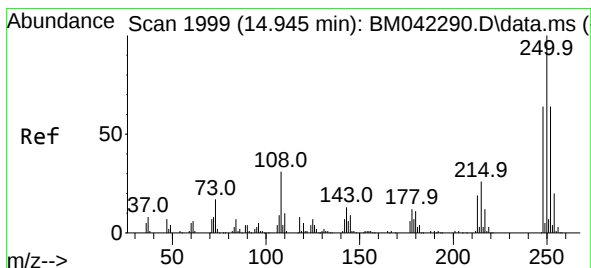
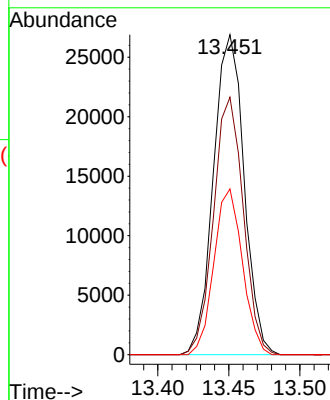
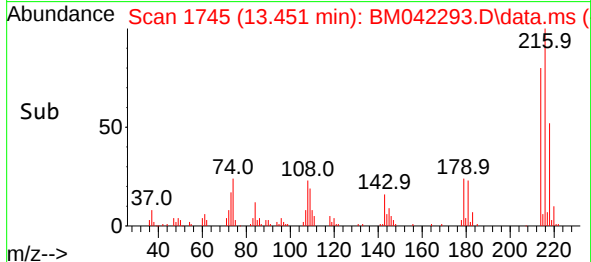
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



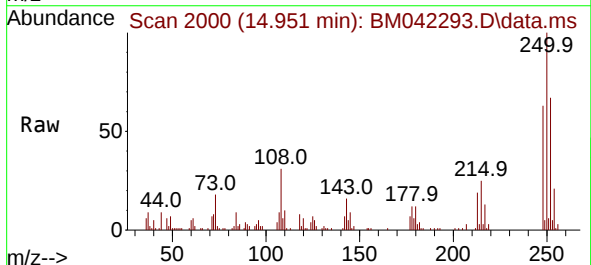
Tgt Ion:216 Resp: 4040
Ion Ratio Lower Upper
216 100
214 80.5 62.0 93.0
218 51.8 38.8 58.2

Manual Integrations
APPROVED

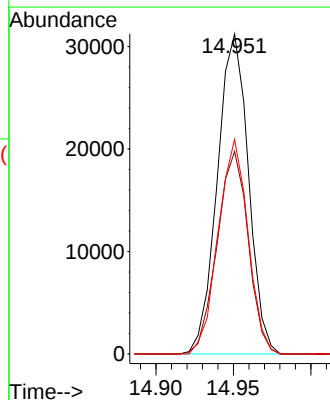
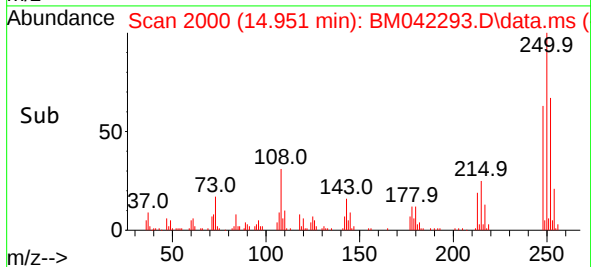
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

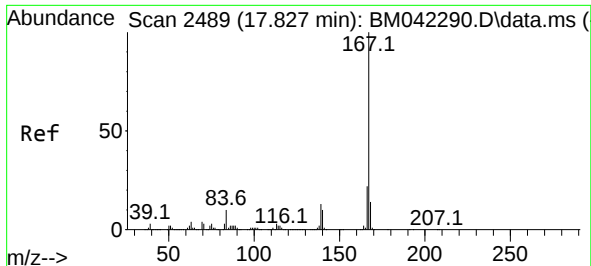


#76
Pentachlorobenzene
Concen: 4.692 ng/uL
RT: 14.951 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25



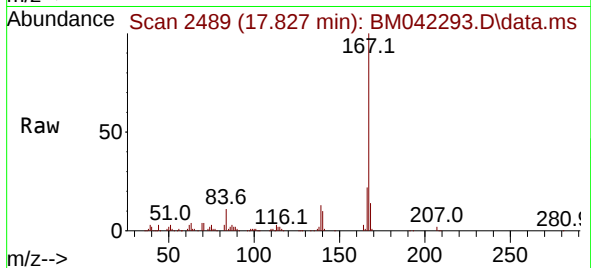
Tgt Ion:250 Resp: 43592
Ion Ratio Lower Upper
250 100
248 63.3 51.1 76.7
252 67.1 52.9 79.3





#77
 Carbazole
 Concen: 4.288 ng/ul
 RT: 17.827 min Scan# 2489
 Delta R.T. -0.000 min
 Lab File: BM042293.D
 Acq: 16 Oct 2023 11:25

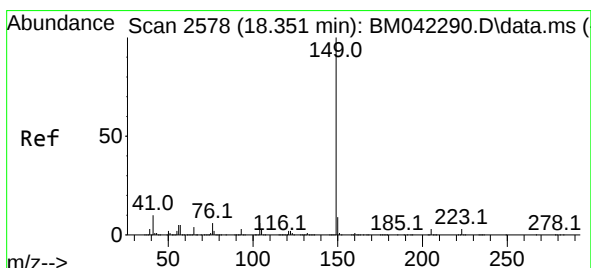
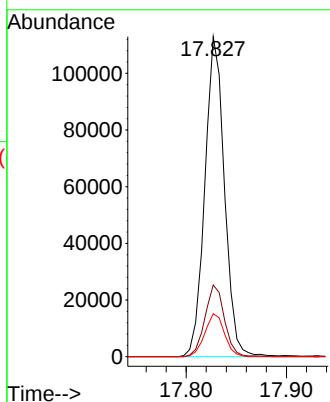
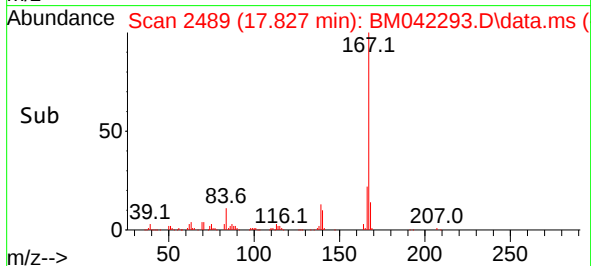
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT2-2023-04



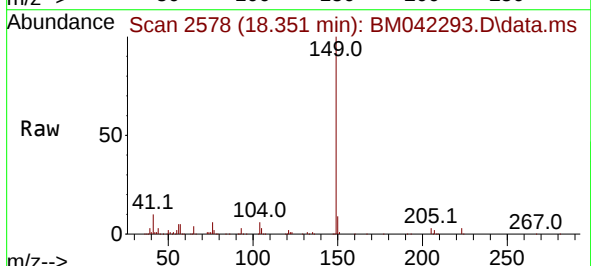
Tgt Ion:167 Resp: 153910
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.0
 139 13.4 10.6 16.0

Manual Integrations
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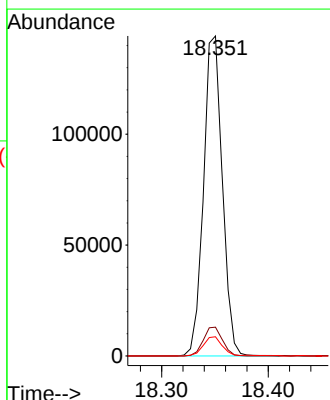
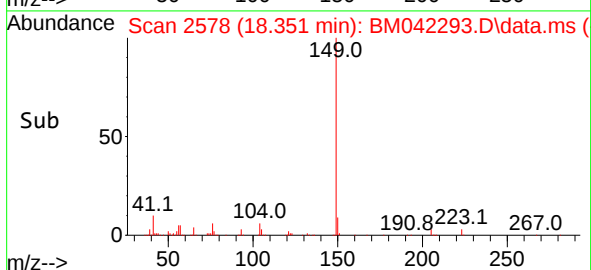
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

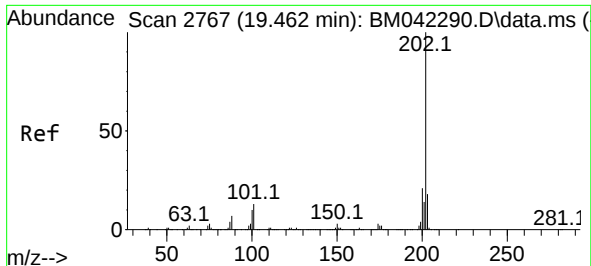


#78
 Di-n-butylphthalate
 Concen: 3.903 ng/ul
 RT: 18.351 min Scan# 2578
 Delta R.T. -0.000 min
 Lab File: BM042293.D
 Acq: 16 Oct 2023 11:25



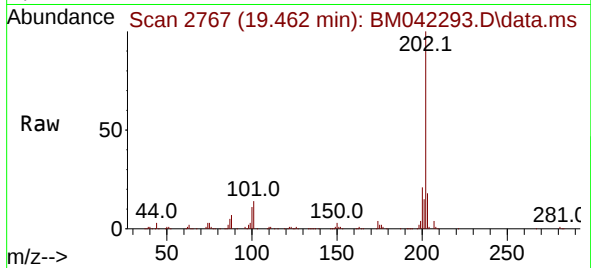
Tgt Ion:149 Resp: 177317
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 6.0 4.6 6.8





#80
Fluoranthene
Concen: 4.223 ng/u1
RT: 19.462 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

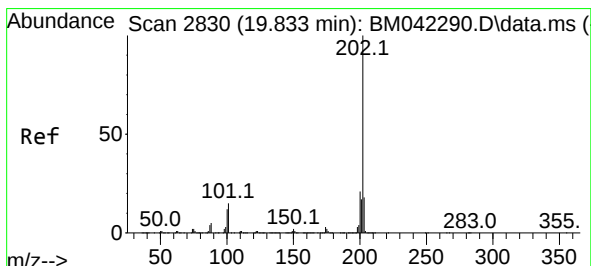
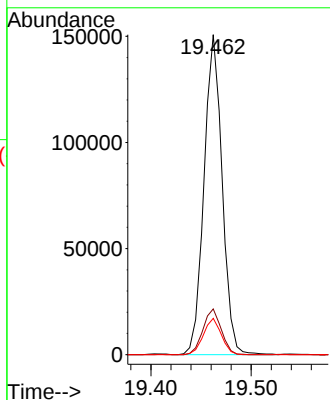
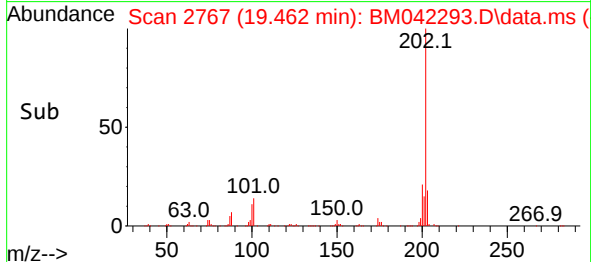
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:202 Resp: 190130
Ion Ratio Lower Upper
202 100
101 14.3 10.8 16.2
100 11.4 8.3 12.5

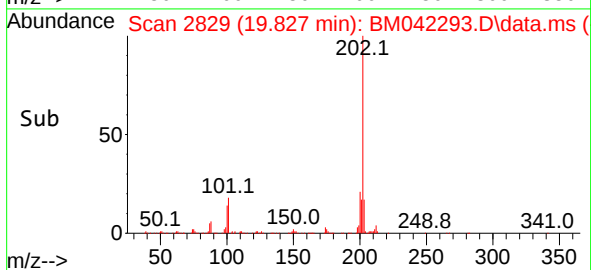
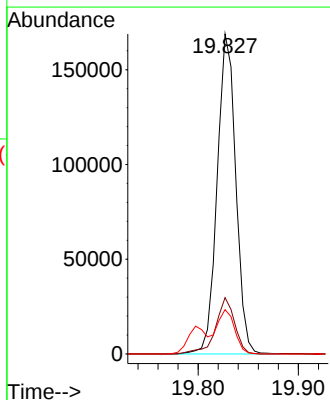
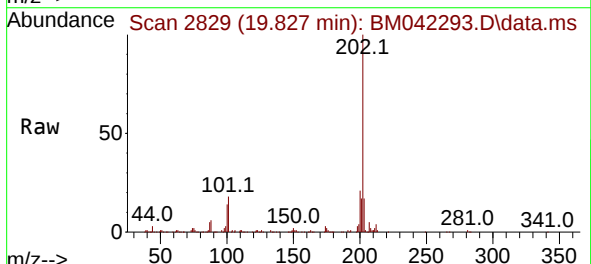
Manual Integrations
APPROVED

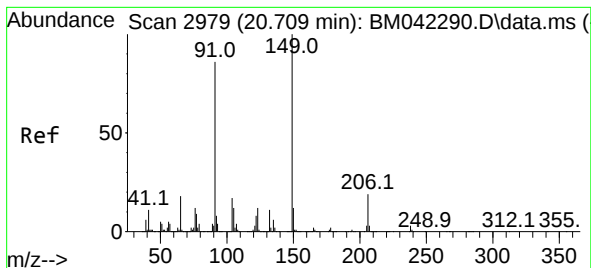
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#82
Pyrene
Concen: 4.604 ng/u1
RT: 19.827 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

Tgt Ion:202 Resp: 217907
Ion Ratio Lower Upper
202 100
101 17.6 11.9 17.9
100 13.9 9.9 14.9





#83

Butylbenzylphthalate

Concen: 3.629 ng/ul

RT: 20.709 min Scan# 2979

Delta R.T. -0.000 min

Lab File: BM042293.D

Acq: 16 Oct 2023 11:25

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2023-04

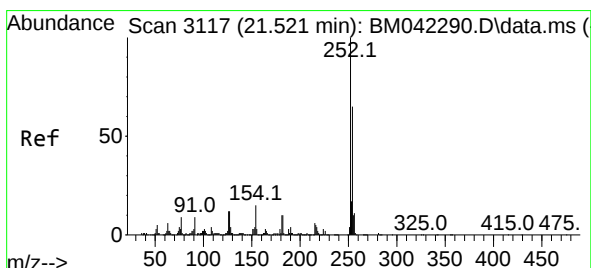
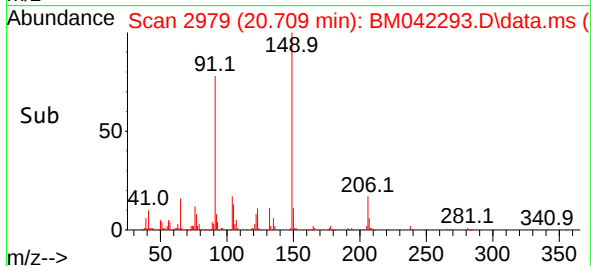
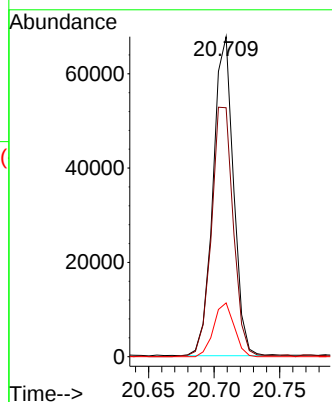
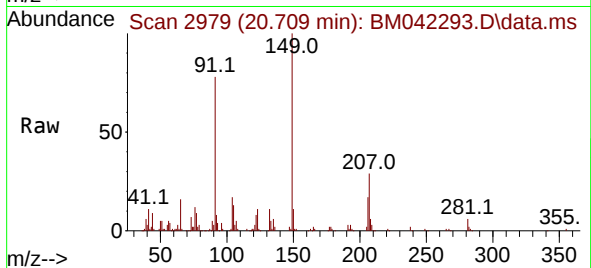
Tgt Ion:	149	Resp:	73200
Ion Ratio	Lower	Upper	
149	100		
91	77.8	67.1	100.7
206	16.8	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.308 ng/ul

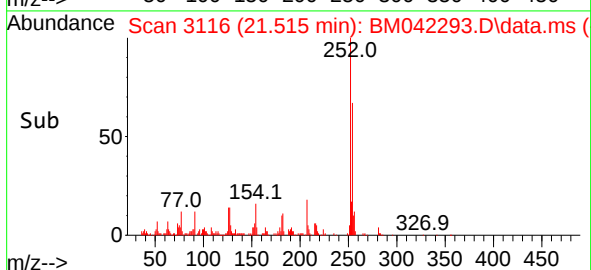
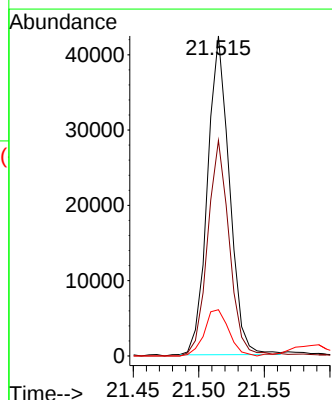
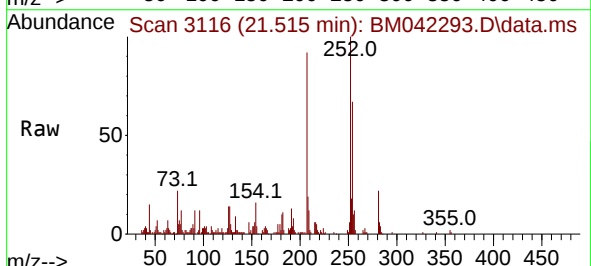
RT: 21.515 min Scan# 3116

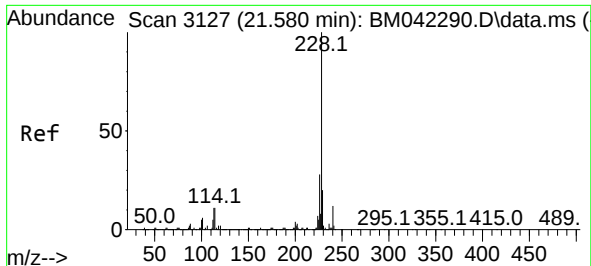
Delta R.T. -0.006 min

Lab File: BM042293.D

Acq: 16 Oct 2023 11:25

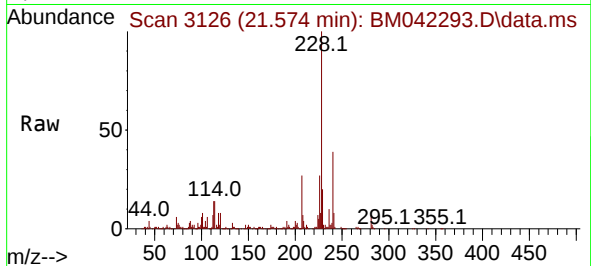
Tgt Ion:	252	Resp:	49284
Ion Ratio	Lower	Upper	
252	100		
254	67.4	52.5	78.7
126	14.5	10.4	15.6





#85
Benzo(a)anthracene
Concen: 4.305 ng/ul
RT: 21.574 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

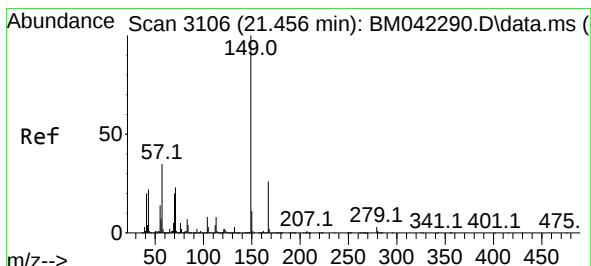
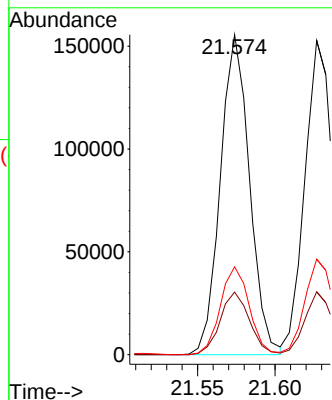
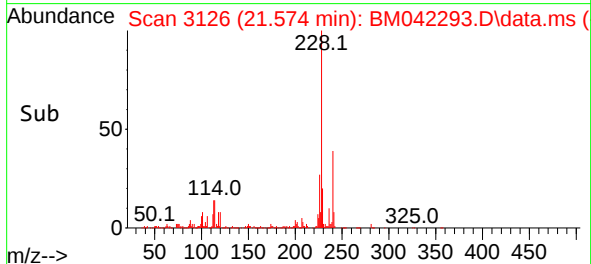
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT2-2023-04



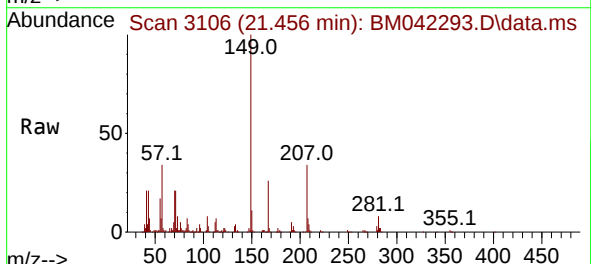
Tgt Ion:228 Resp: 203689
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 27.5 22.2 33.4

Manual Integrations
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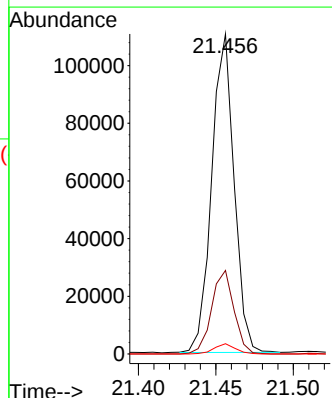
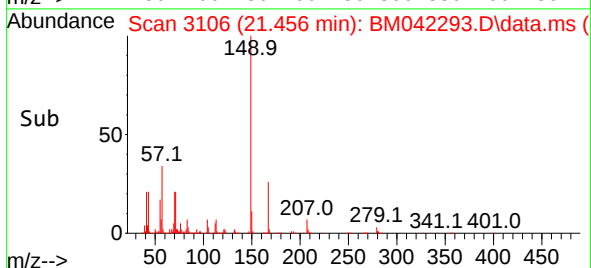
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

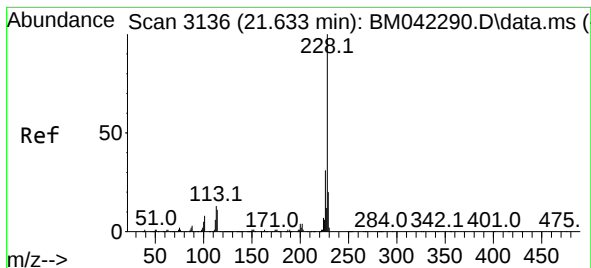


#86
Bis(2-ethylhexyl)phthalate
Concen: 3.722 ng/ul
RT: 21.456 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25



Tgt Ion:149 Resp: 110937
Ion Ratio Lower Upper
149 100
167 26.1 21.1 31.7
279 3.2 2.4 3.6





#87

Chrysene

Concen: 4.512 ng/ul

RT: 21.627 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BM042293.D

Acq: 16 Oct 2023 11:25

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2023-04

Tgt Ion:228 Resp: 196334

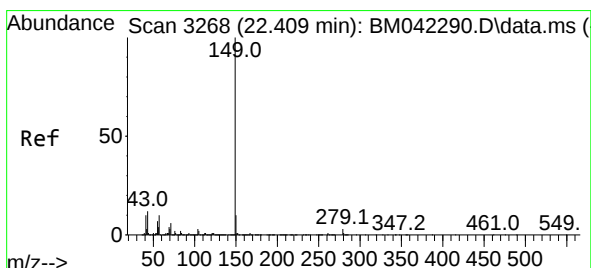
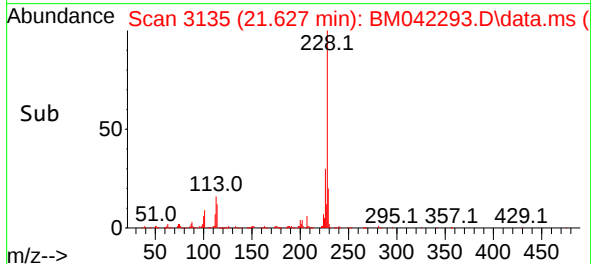
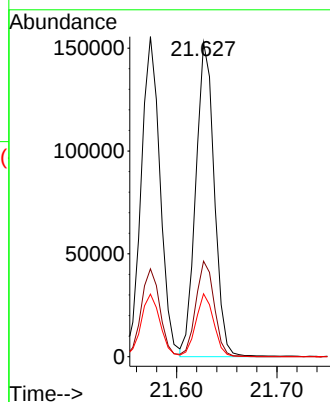
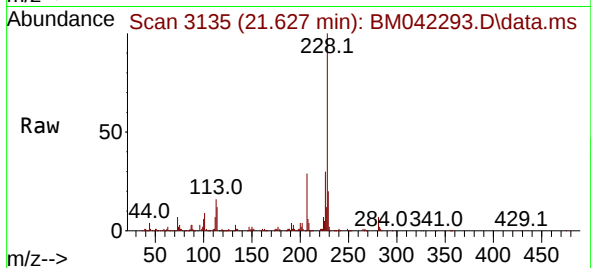
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	20.0	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#89

Di-n-octyl phthalate

Concen: 3.418 ng/ul

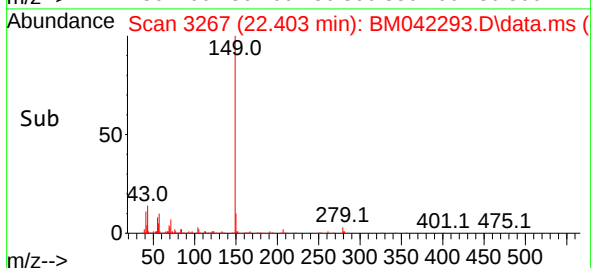
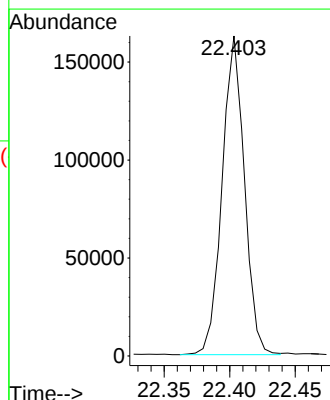
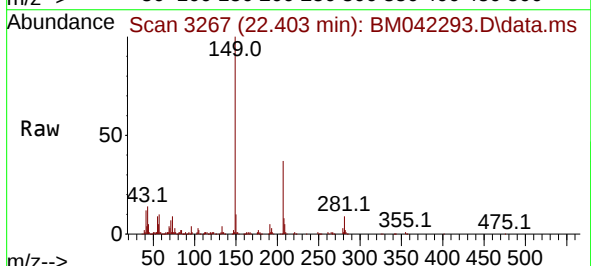
RT: 22.403 min Scan# 3267

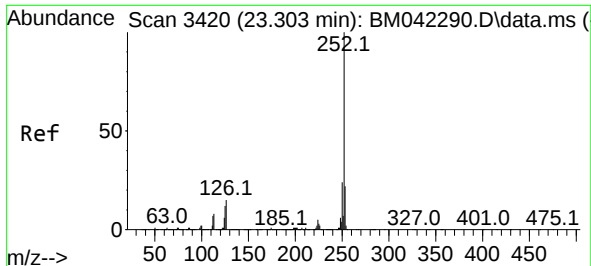
Delta R.T. -0.006 min

Lab File: BM042293.D

Acq: 16 Oct 2023 11:25

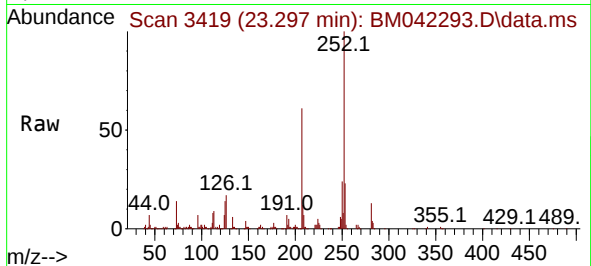
Tgt Ion:149 Resp: 191751





#90
Benzo(b)fluoranthene
Concen: 4.062 ng/u1
RT: 23.297 min Scan# 3419
Delta R.T. -0.012 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

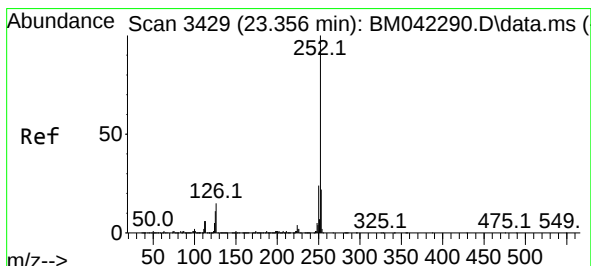
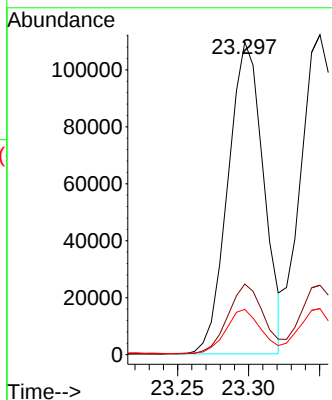
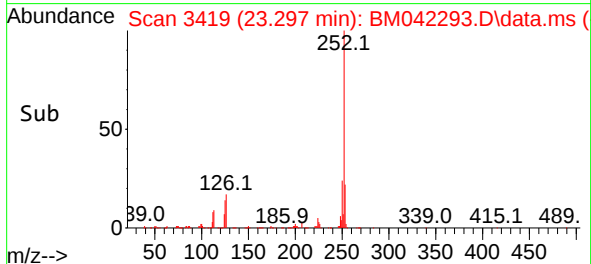
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



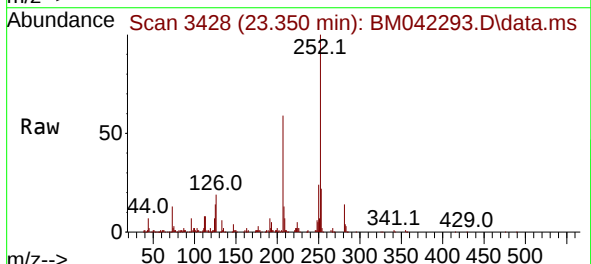
Tgt Ion:252 Resp: 191720
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 14.5 9.4 14.2

Manual Integrations
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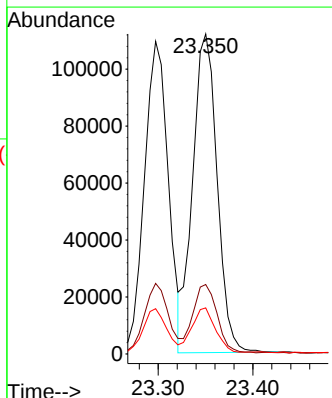
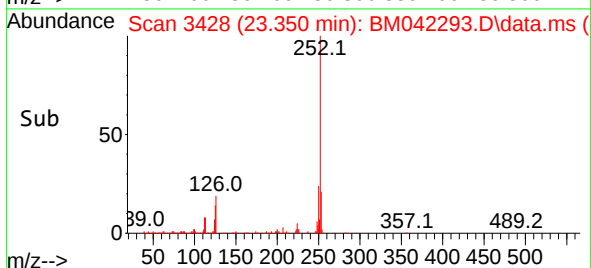
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

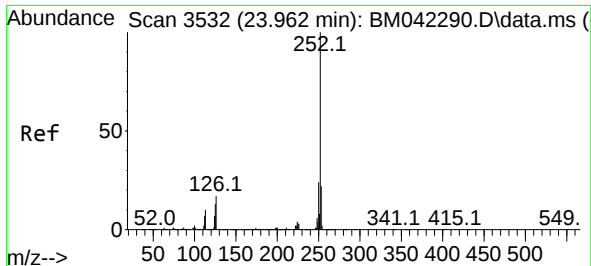


#91
Benzo(k)fluoranthene
Concen: 4.305 ng/u1
RT: 23.350 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25



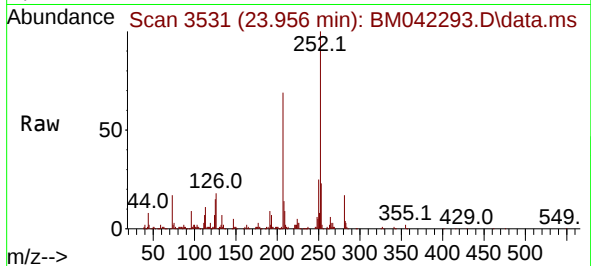
Tgt Ion:252 Resp: 200947
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 14.4 9.8 14.6





#93
Benzo(a)pyrene
Concen: 4.325 ng/ul
RT: 23.956 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

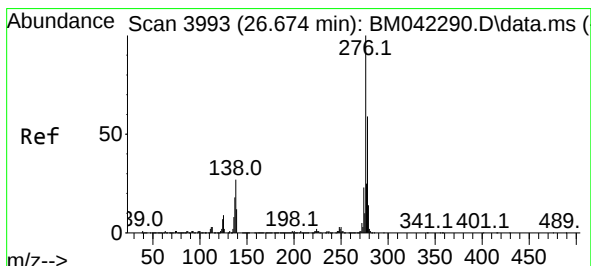
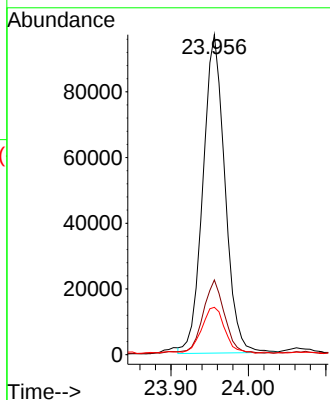
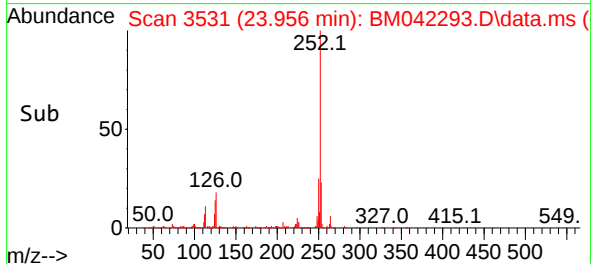
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2023-04



Tgt Ion:252 Resp: 19099
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 14.8 10.8 16.2

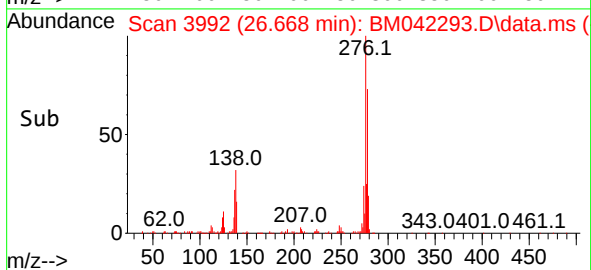
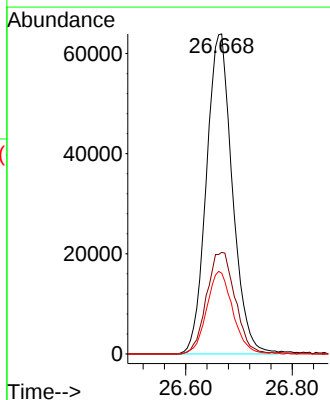
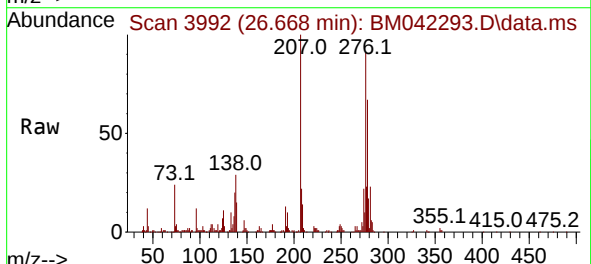
Manual Integrations
APPROVED

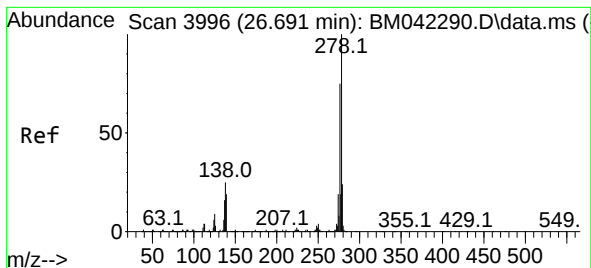
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.037 ng/ul
RT: 26.668 min Scan# 3992
Delta R.T. -0.006 min
Lab File: BM042293.D
Acq: 16 Oct 2023 11:25

Tgt Ion:276 Resp: 216533
Ion Ratio Lower Upper
276 100
138 31.7 22.8 34.2
277 25.2 20.0 30.0





#95

Dibenzo(a,h)anthracene

Concen: 4.123 ng/ul

RT: 26.679 min Scan# 3996

Delta R.T. -0.012 min

Lab File: BM042293.D

Acq: 16 Oct 2023 11:25

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2023-04

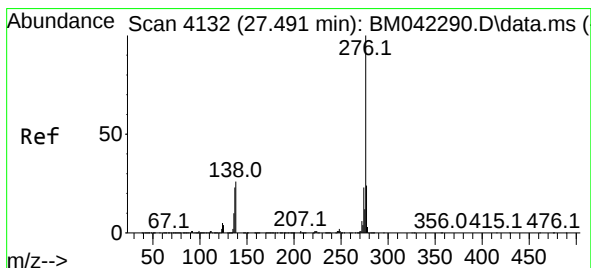
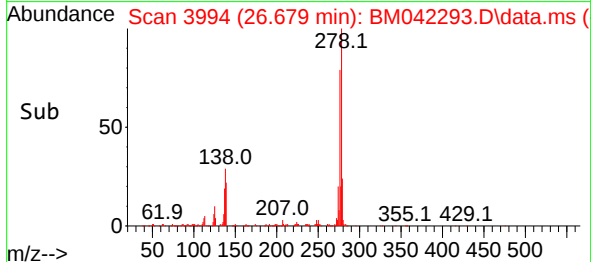
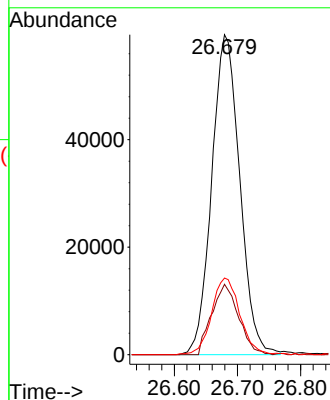
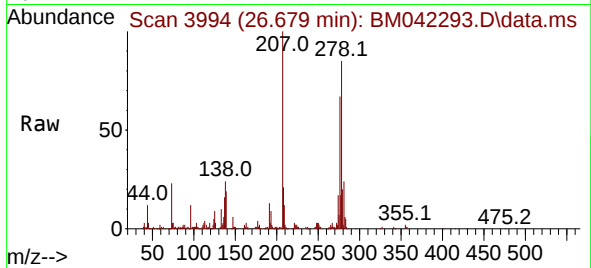
Tgt Ion:	278	Resp:	18345
Ion Ratio	Lower	Upper	
278	100		
139	22.0	15.8	23.8
279	24.0	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#96

Benzo(g,h,i)perylene

Concen: 4.198 ng/ul

RT: 27.473 min Scan# 4129

Delta R.T. -0.018 min

Lab File: BM042293.D

Acq: 16 Oct 2023 11:25

Tgt Ion:	276	Resp:	176140
Ion Ratio	Lower	Upper	
276	100		
138	29.2	22.1	33.1
277	24.1	19.4	29.0

