

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081922\
 Data File : BM036356.D
 Acq On : 19 Aug 2022 14:22
 Operator : CG/JU
 Sample : N3670-04
 Misc : MDL-SOIL-4ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT2-2022-04

Quant Time: Aug 20 02:19:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 16 15:00:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/22/2022
 Supervised By :Sohil Jodhani 08/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	253877	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.593	136	1123729	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.439	164	650784	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1273282	20.000	ng/u1	-0.01
79) Chrysene-d12	21.362	240	1183963	20.000	ng/u1	-0.01
88) Perylene-d12	23.692	264	1216297	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	30152	4.526	ng/uL	0.00
4) Pyridine-d5	3.634	84	366388	19.944	ng/u1	0.00
7) Phenol-d5	6.975	99	497330	22.950	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.134	67	321145	23.543	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	416456	24.459	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	393266	24.305	ng/u1	-0.01
21) Nitrobenzene-d5	8.963	128	204915	24.051	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.687	143	210853	24.398	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	365533	23.672	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	553190	23.108	ng/u1	-0.01
46) Dimethylphthalate-d6	13.857	166	1042766	25.327	ng/u1	-0.01
49) Acenaphthylene-d8	14.133	160	1362562	26.534	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	161002	20.638	ng/u1	-0.01
60) Fluorene-d10	15.433	176	896302	24.092	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	122362	18.692	ng/u1	0.00
73) Anthracene-d10	17.280	188	1348942	23.826	ng/u1	0.00
81) Pyrene-d10	19.574	212	1496643	24.369	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.545	264	1443450	24.205	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	8181	1.166	ng/uL#	84
5) Pyridine	3.658	79	81894	4.315	ng/u1	89
6) Benzaldehyde	6.946	77	53957	6.062	ng/u1	89
8) Phenol	7.005	94	99322	4.408	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.228	93	80388	4.461	ng/u1	97
12) 2-Chlorophenol	7.357	128	79443	4.462	ng/u1	97
13) 2-Methylphenol	8.251	108	70930	4.271	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.334	45	111834	4.638	ng/u1#	95
16) Acetophenone	8.628	105	115765	4.448	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.610	70	61835	4.774	ng/u1	96
18) 4-Methylphenol	8.581	108	78709	4.427	ng/u1	100
19) Hexachloroethane	8.869	117	32815	4.405	ng/u1	89
22) Nitrobenzene	9.010	77	89585	4.438	ng/u1	97
23) Isophorone	9.534	82	154531	4.311	ng/u1	98
25) 2-Nitrophenol	9.716	139	42201	4.383	ng/u1	94
26) 2,4-Dimethylphenol	9.781	107	84845	4.406	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.022	93	103457	4.433	ng/u1	99
29) 2,4-Dichlorophenol	10.251	162	69650	4.409	ng/u1	94
30) Naphthalene	10.645	128	262944	4.458	ng/u1	100
32) 4-Chloroaniline	10.769	127	103596	4.255	ng/u1	97
33) Hexachlorobutadiene	10.922	225	43758	4.409	ng/u1	98
34) Caprolactam	11.575	113	22213m	4.693	ng/u1	
35) 4-Chloro-3-methylphenol	11.910	107	68542	4.291	ng/u1	96
36) 2-Methylnaphthalene	12.263	142	163455	4.417	ng/u1	98

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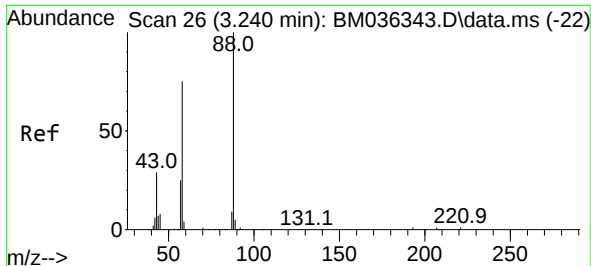
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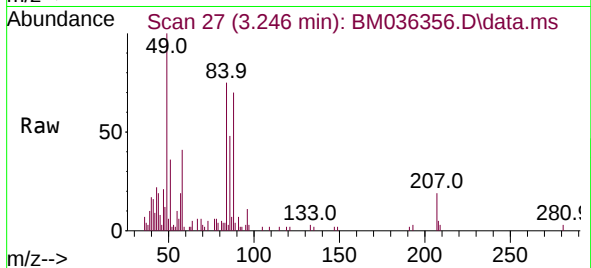
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	170419	4.573	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.628	216	78562	4.368	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	38384	3.597	ng/ul	93
41) 2,4,6-Trichlorophenol	12.881	196	46739	4.129	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	48186	4.013	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	215295	4.399	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	162360	4.323	ng/ul	99
45) 2-Nitroaniline	13.539	65	40110	3.944	ng/ul	93
47) Dimethylphthalate	13.904	163	195336	4.609	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	31593	3.951	ng/ul#	80
50) Acenaphthylene	14.163	152	273160	4.511	ng/ul	100
51) 3-Nitroaniline	14.369	138	33600	3.842	ng/ul	99
52) Acenaphthene	14.504	153	175259	4.440	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	13241	3.039	ng/ul	89
55) 4-Nitrophenol	14.680	109	28785	4.670	ng/ul	92
56) Dibenzofuran	14.839	168	248342	4.535	ng/ul	97
57) 2,4-Dinitrotoluene	14.822	165	46852	4.132	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.075	232	38993	4.278	ng/ul#	95
59) Diethylphthalate	15.269	149	234863	5.622	ng/ul	99
61) Fluorene	15.486	166	198492	4.569	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.486	204	94287	4.647	ng/ul	94
63) 4-Nitroaniline	15.527	138	34198m	4.192	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.580	198	29040	4.388	ng/ul#	81
67) N-Nitrosodiphenylamine	15.698	169	157004	4.313	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	53552	4.542	ng/ul	97
69) Hexachlorobenzene	16.480	284	62072	4.344	ng/ul	93
70) Atrazine	16.657	200	61624	4.955	ng/ul	96
71) Pentachlorophenol	16.845	266	38569	4.896	ng/ul	95
72) Phenanthrene	17.221	178	304426	4.548	ng/ul	99
74) Anthracene	17.316	178	305884	4.558	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	82192	4.302	ng/uL	99
76) Pentachlorobenzene	14.751	250	85698	4.804	ng/uL	98
77) Carbazole	17.598	167	263978	4.201	ng/ul	100
78) Di-n-butylphthalate	18.157	149	314703	4.579	ng/ul	99
80) Fluoranthene	19.239	202	329926	4.445	ng/ul	99
82) Pyrene	19.604	202	347430	4.485	ng/ul	99
83) Butylbenzylphthalate	20.510	149	139848	4.826	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.292	252	85181	3.494	ng/ul	99
85) Benzo(a)anthracene	21.351	228	318580	4.478	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	207923	5.197	ng/ul	97
87) Chrysene	21.404	228	308487	4.413	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	344185	4.760	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	323433	4.362	ng/ul	100
91) Benzo(k)fluoranthene	23.027	252	315609	4.473	ng/ul	99
93) Benzo(a)pyrene	23.592	252	324379	4.446	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.097	276	365122	4.257	ng/ul	95
95) Dibenzo(a,h)anthracene	26.115	278	313572	4.244	ng/ul	96
96) Benzo(g,h,i)perylene	26.844	276	306054	4.173	ng/ul	99

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



#2
1,4-Dioxane
Concen: 1.166 ng/uL
RT: 3.246 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

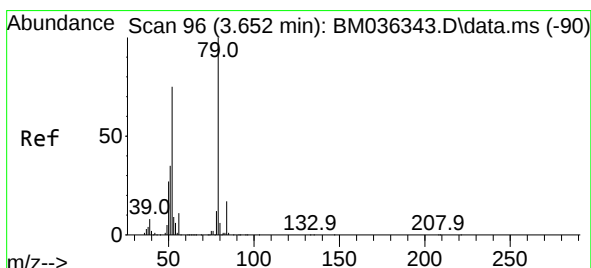
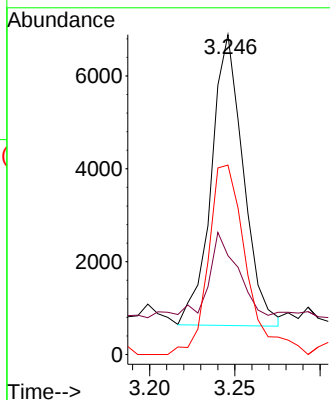
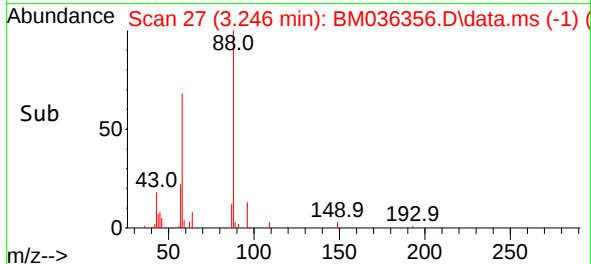
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



Tgt Ion: 88 Resp: 8183
Ion Ratio Lower Upper
88 100
43 30.9 27.8 41.8
58 59.2 61.8 92.8

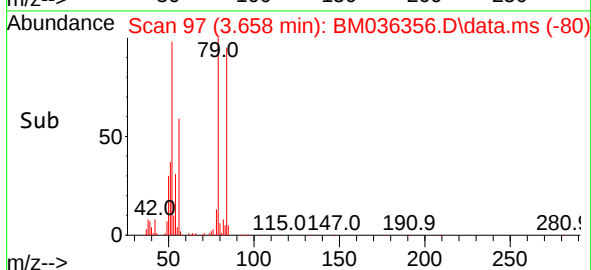
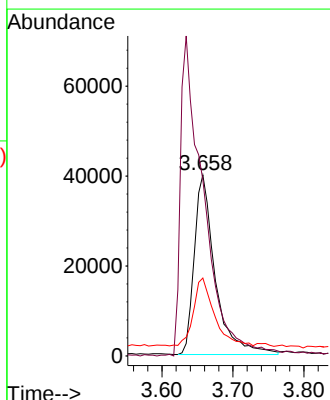
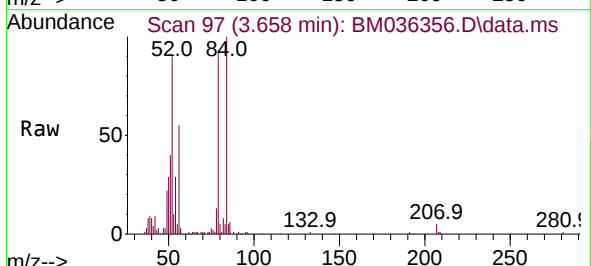
Manual Integrations
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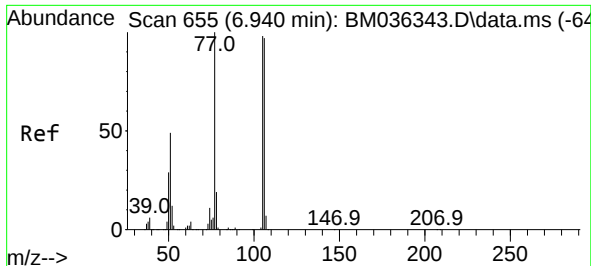
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#5
Pyridine
Concen: 4.315 ng/uL
RT: 3.658 min Scan# 97
Delta R.T. 0.000 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

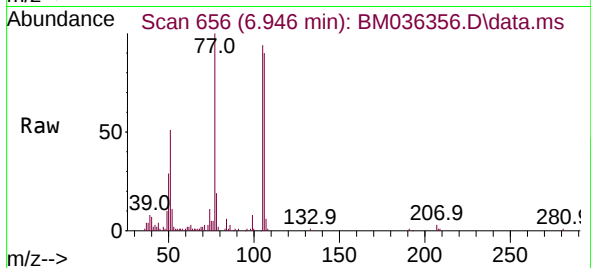
Tgt Ion: 79 Resp: 81894
Ion Ratio Lower Upper
79 100
52 97.3 67.8 101.6
51 43.0 31.4 47.0





#6
Benzaldehyde
Concen: 6.062 ng/ul
RT: 6.946 min Scan# 655
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

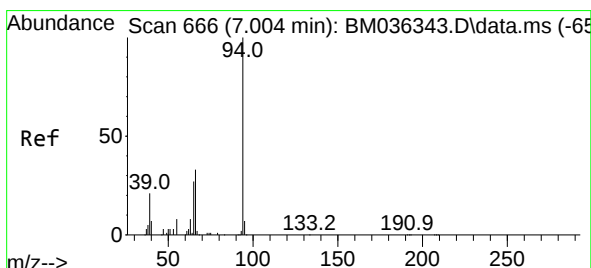
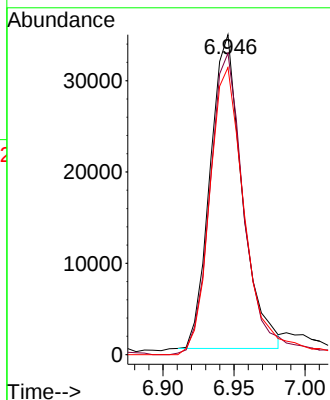
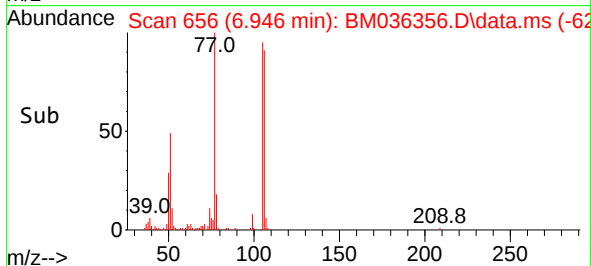
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



Tgt Ion: 77 Resp: 53952
Ion Ratio Lower Upper
77 100
105 94.2 84.6 127.0
106 89.7 80.3 120.5

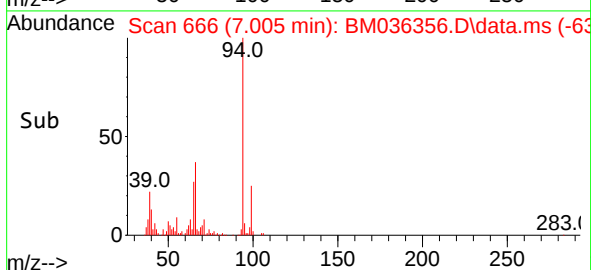
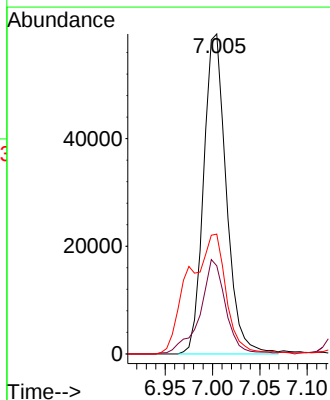
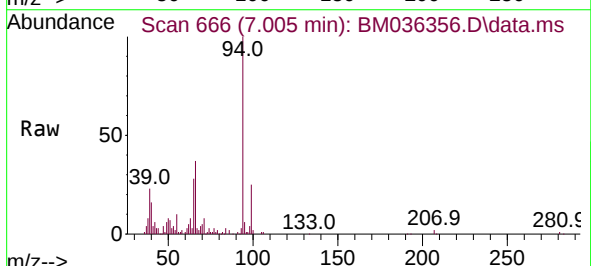
Manual Integrations
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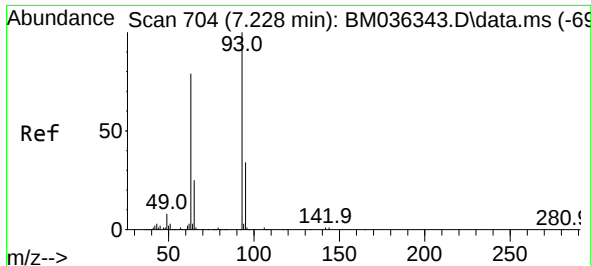
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#8
Phenol
Concen: 4.408 ng/ul
RT: 7.005 min Scan# 666
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

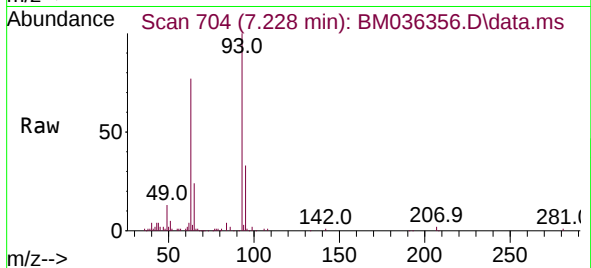
Tgt Ion: 94 Resp: 99322
Ion Ratio Lower Upper
94 100
65 27.5 21.3 31.9
66 37.4 27.4 41.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.461 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

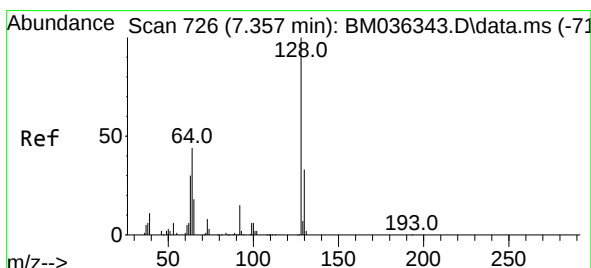
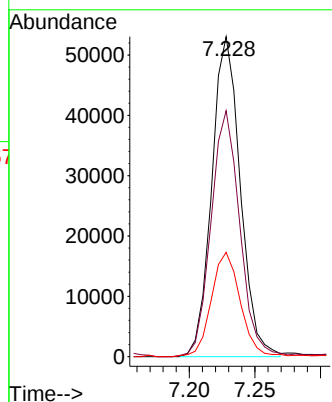
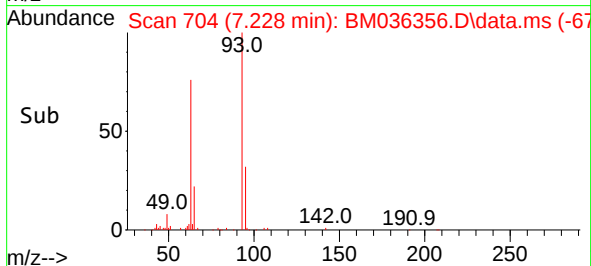
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT2-2022-04



Tgt Ion: 93 Resp: 80388
Ion Ratio Lower Upper
93 100
63 76.8 64.0 96.0
95 32.6 25.8 38.6

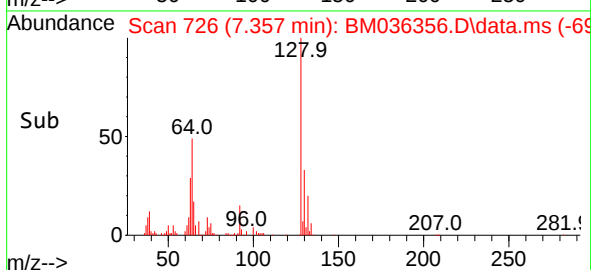
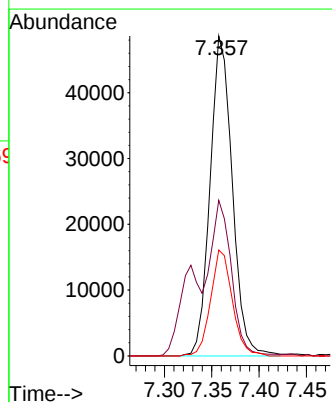
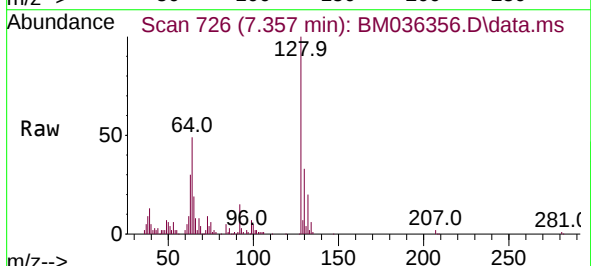
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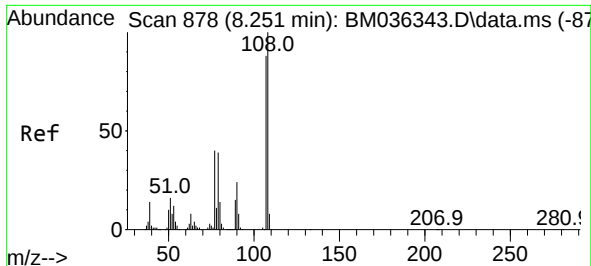
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#12
2-Chlorophenol
Concen: 4.462 ng/ul
RT: 7.357 min Scan# 726
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

Tgt Ion:128 Resp: 79443
Ion Ratio Lower Upper
128 100
64 48.6 36.9 55.3
130 33.1 25.6 38.4





#13

2-Methylphenol

Concen: 4.271 ng/ul

RT: 8.251 min Scan# 878

Delta R.T. -0.011 min

Lab File: BM036356.D

Acq: 19 Aug 2022 14:22

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2022-04

Tgt Ion:108 Resp: 70936

Ion Ratio Lower Upper

108 100

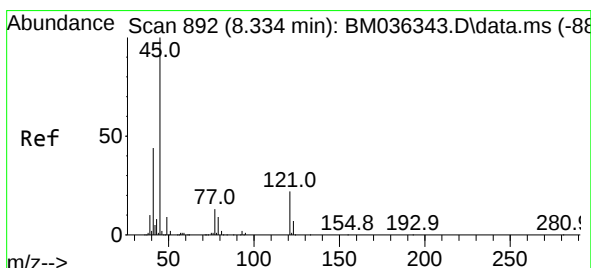
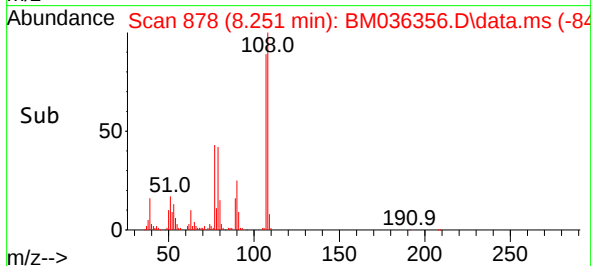
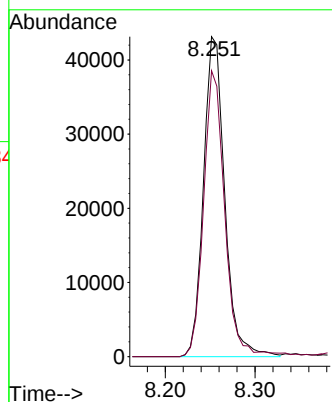
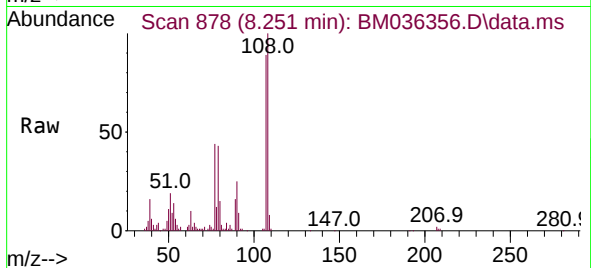
107 89.3 75.0 112.4

Manual Integrations

APPROVED

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Supervised By :Sohil Jodhani 08/24/2022



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.638 ng/ul

RT: 8.334 min Scan# 892

Delta R.T. -0.006 min

Lab File: BM036356.D

Acq: 19 Aug 2022 14:22

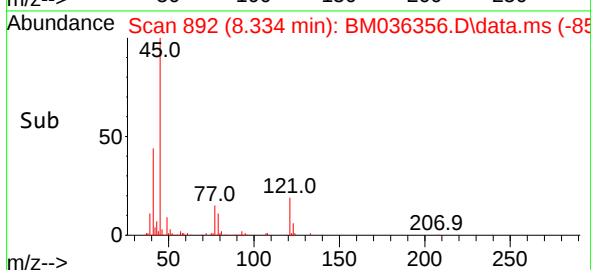
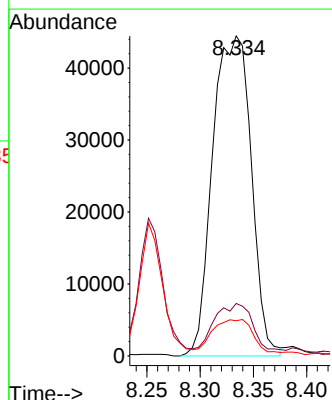
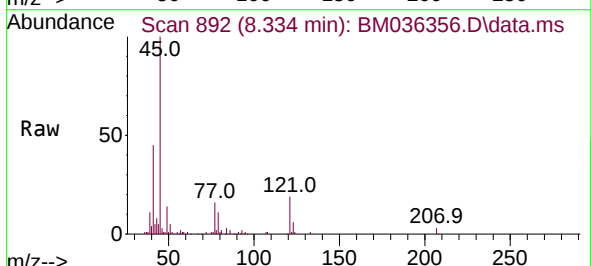
Tgt Ion: 45 Resp: 111834

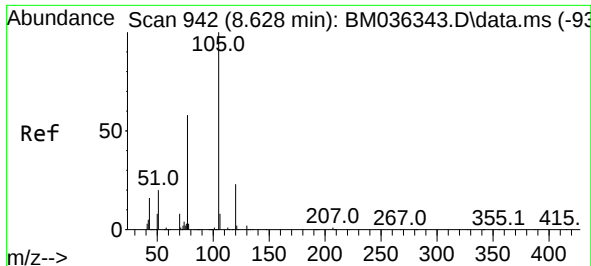
Ion Ratio Lower Upper

45 100

77 16.4 10.6 15.8

79 11.0 8.3 12.5





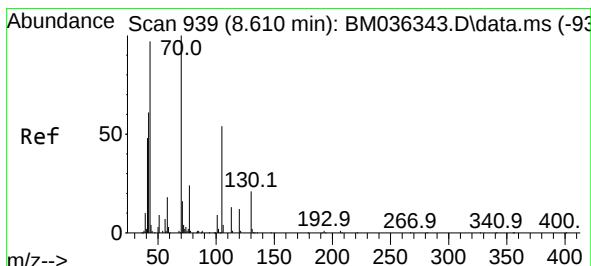
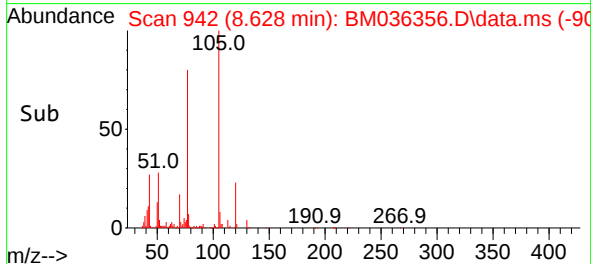
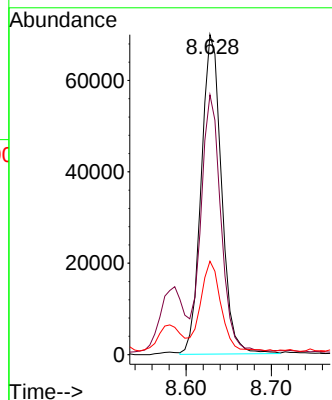
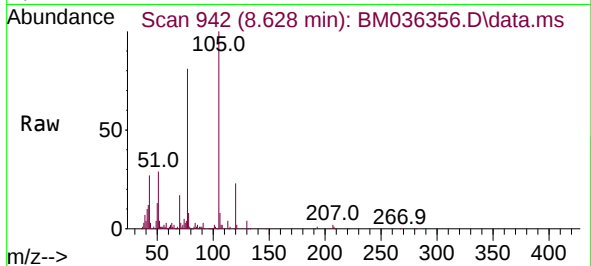
#16
Acetophenone
Concen: 4.448 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04

Tgt Ion: 105 Resp: 115765
Ion Ratio Lower Upper
105 100
77 81.2 59.8 89.6
51 29.2 22.1 33.1

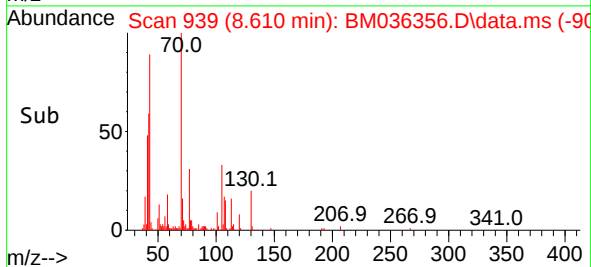
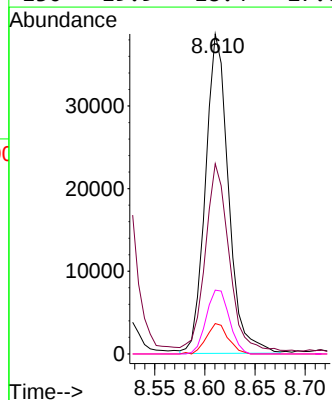
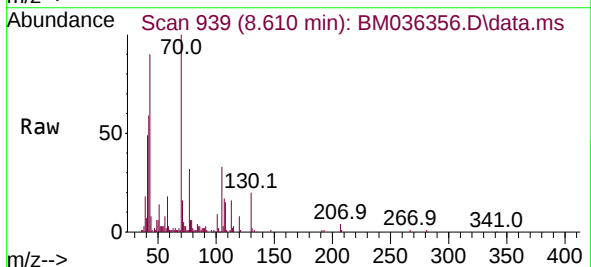
Manual Integrations
APPROVED

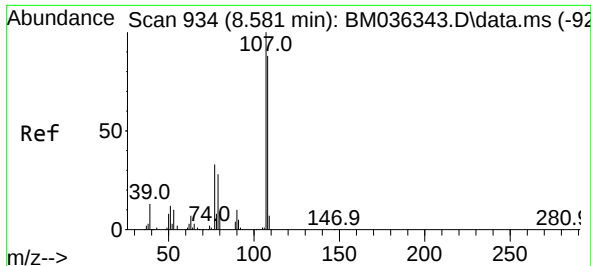
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#17
N-Nitroso-di-n-propylamine
Concen: 4.774 ng/ul
RT: 8.610 min Scan# 939
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

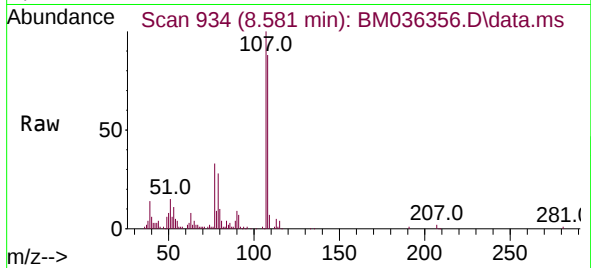
Tgt Ion: 70 Resp: 61835
Ion Ratio Lower Upper
70 100
42 59.5 49.6 74.4
101 9.5 8.1 12.1
130 19.9 18.4 27.6





#18
4-Methylphenol
Concen: 4.427 ng/ul
RT: 8.581 min Scan# 934
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

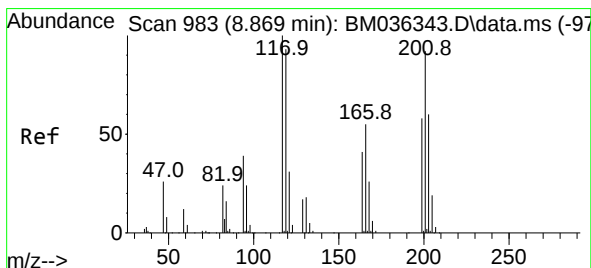
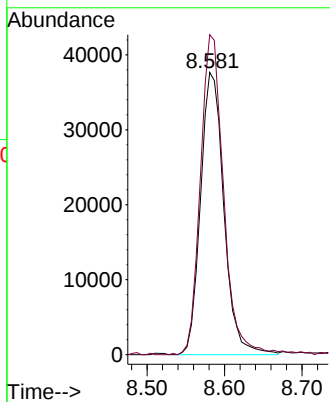
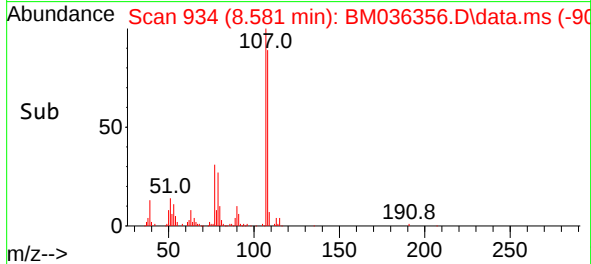
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



Tgt Ion:108 Resp: 78709
Ion Ratio Lower Upper
108 100
107 113.4 90.3 135.5

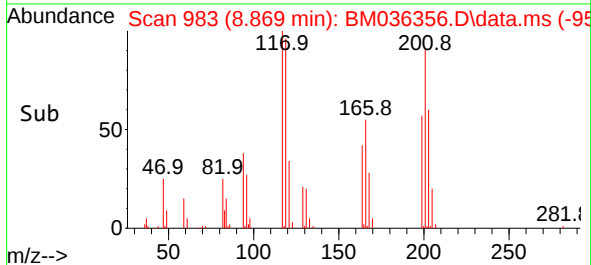
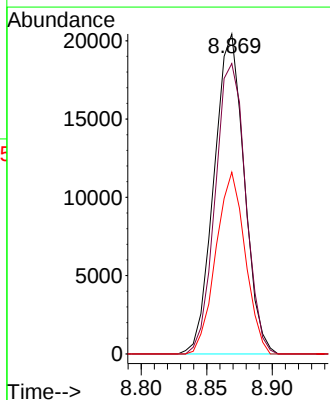
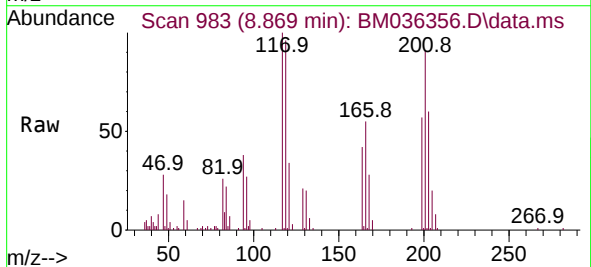
Manual Integrations
APPROVED

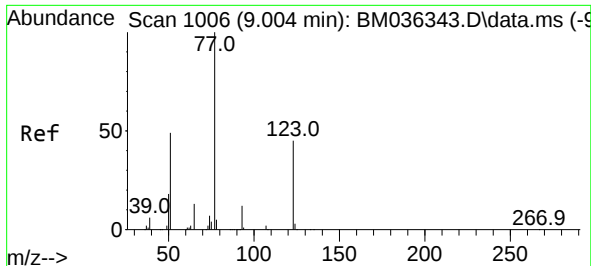
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#19
Hexachloroethane
Concen: 4.405 ng/ul
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

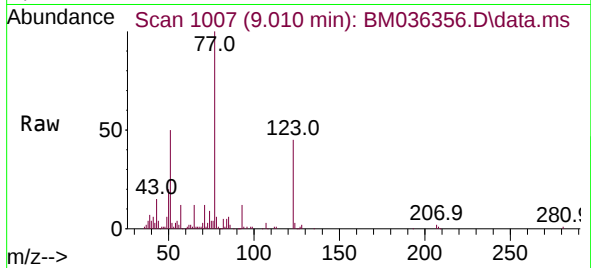
Tgt Ion:117 Resp: 32815
Ion Ratio Lower Upper
117 100
201 90.7 81.8 122.6
199 56.8 51.6 77.4





#22
Nitrobenzene
Concen: 4.438 ng/ul
RT: 9.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

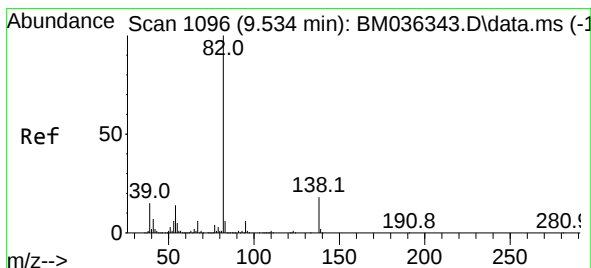
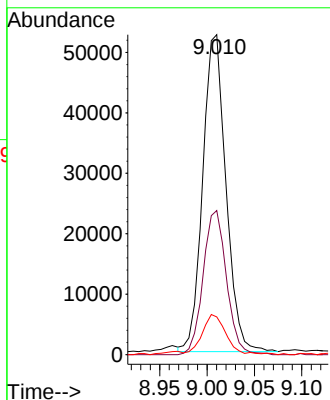
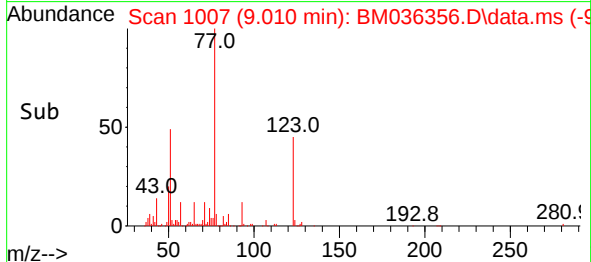
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



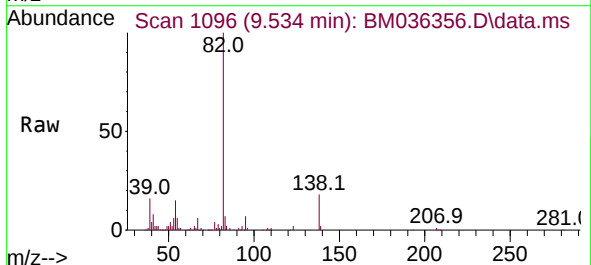
Tgt Ion: 77 Resp: 89585
Ion Ratio Lower Upper
77 100
123 45.0 37.4 56.0
65 11.8 10.8 16.2

Manual Integrations
APPROVED

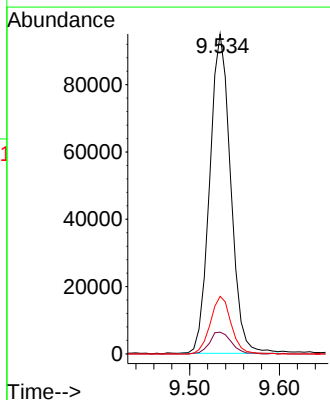
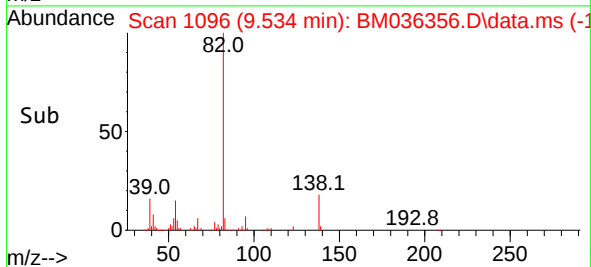
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022

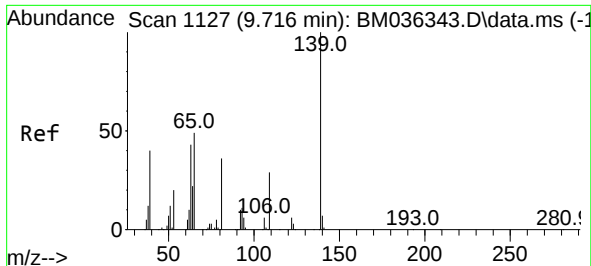


#23
Isophorone
Concen: 4.311 ng/ul
RT: 9.534 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22



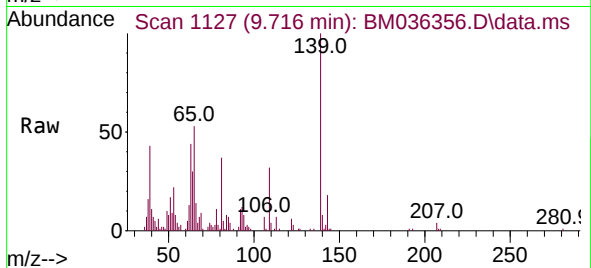
Tgt Ion: 82 Resp: 154531
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.0 15.3 22.9





#25
2-Nitrophenol
Concen: 4.383 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

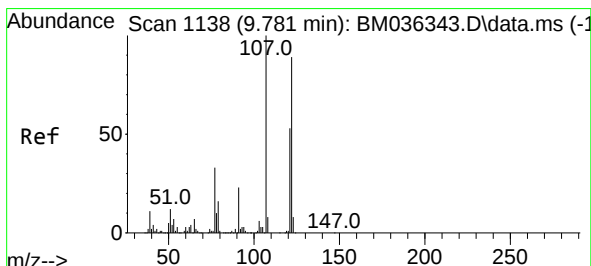
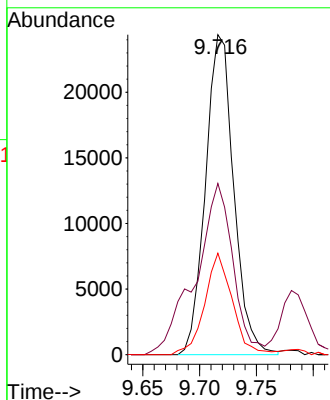
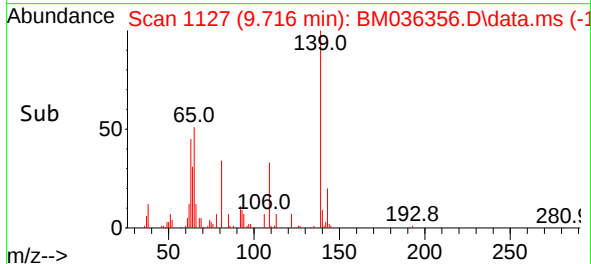
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



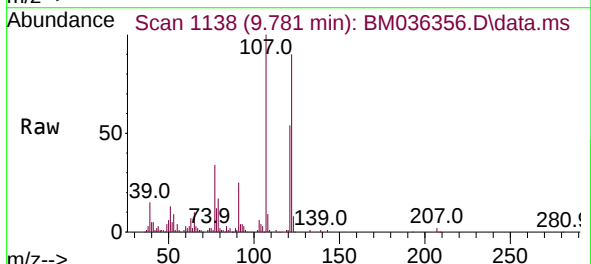
Tgt Ion:139 Resp: 42201
Ion Ratio Lower Upper
139 100
65 53.5 39.8 59.6
109 31.7 22.2 33.4

Manual Integrations
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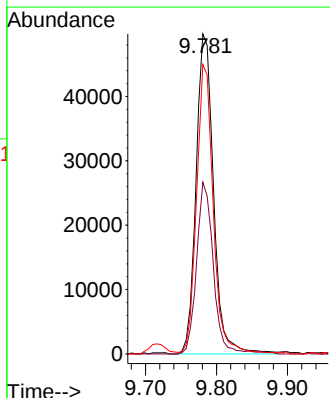
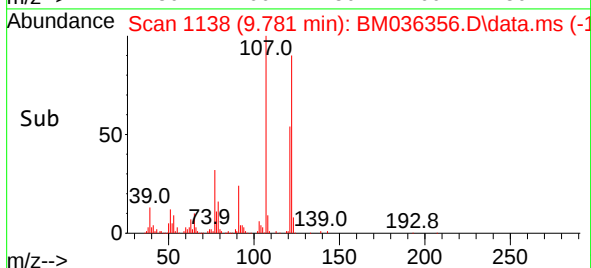
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022

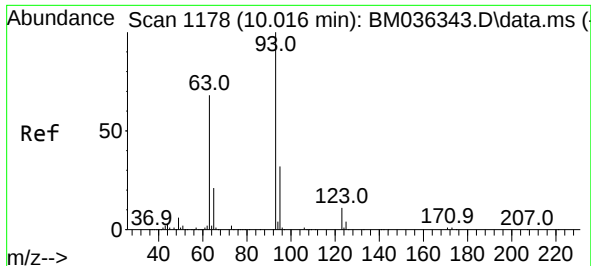


#26
2,4-Dimethylphenol
Concen: 4.406 ng/ul
RT: 9.781 min Scan# 1138
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22



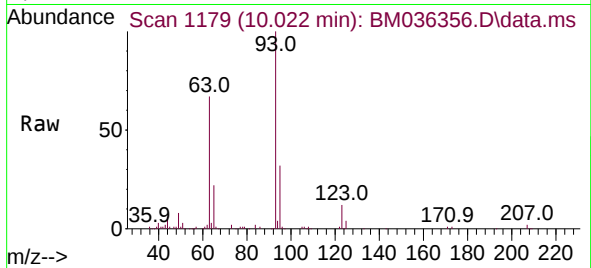
Tgt Ion:107 Resp: 84845
Ion Ratio Lower Upper
107 100
121 53.6 42.7 64.1
122 90.4 71.5 107.3





#27
Bis(2-Chloroethoxy)methane
Concen: 4.433 ng/ul
RT: 10.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

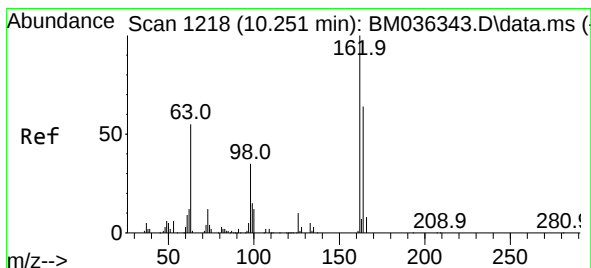
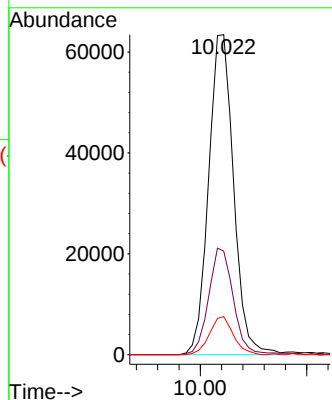
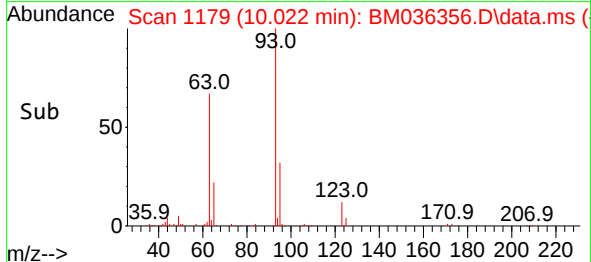
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



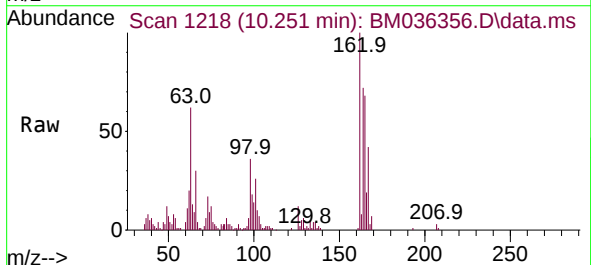
Tgt Ion: 93 Resp: 103452
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 11.9 9.4 14.0

Manual Integrations
APPROVED

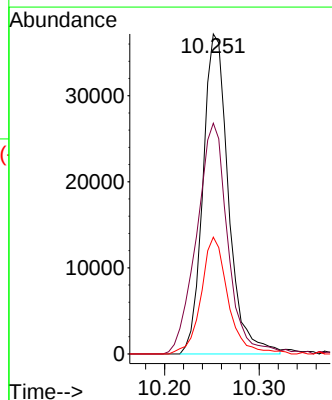
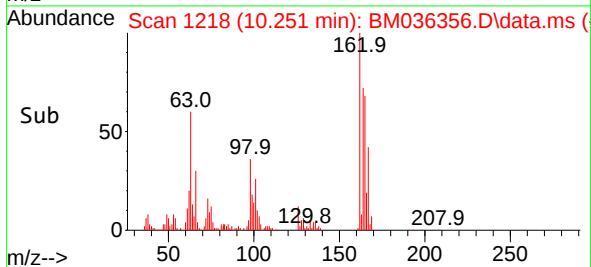
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022

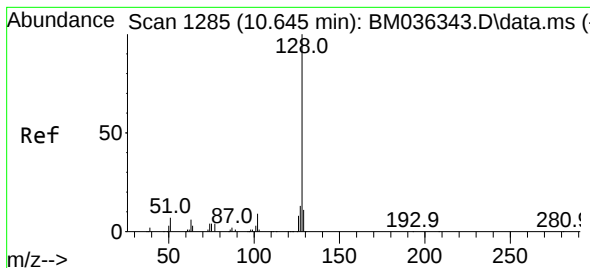


#29
2,4-Dichlorophenol
Concen: 4.409 ng/ul
RT: 10.251 min Scan# 1218
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22



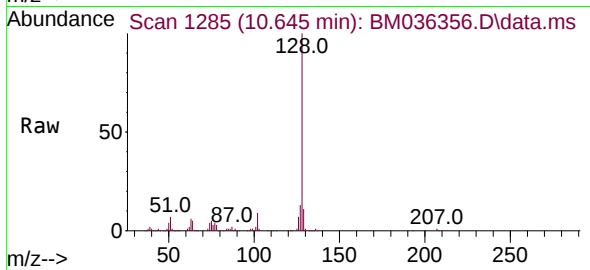
Tgt Ion:162 Resp: 69650
Ion Ratio Lower Upper
162 100
164 72.1 51.8 77.6
98 36.5 29.5 44.3





#30
Naphthalene
Concen: 4.458 ng/ul
RT: 10.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

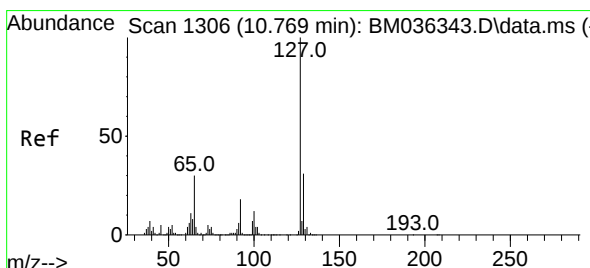
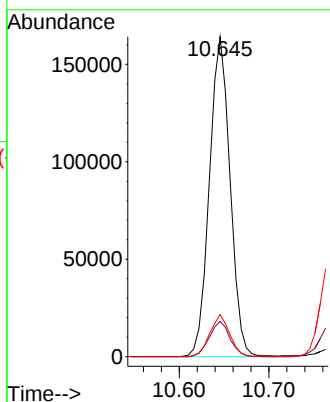
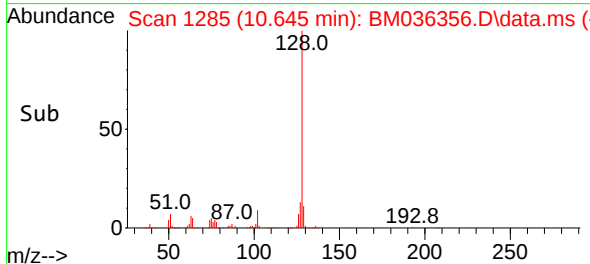
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT2-2022-04



Tgt Ion:128 Resp: 262944
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.6 16.0

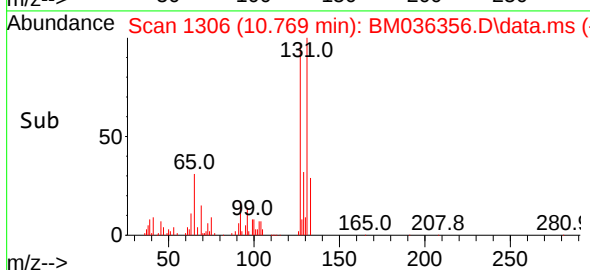
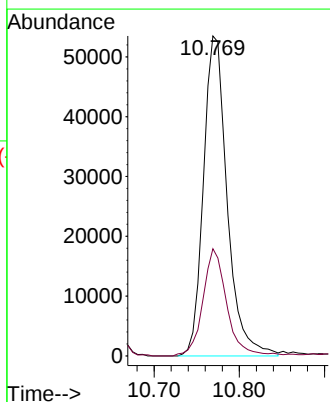
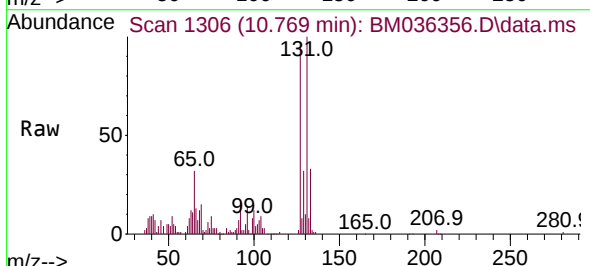
Manual Integrations
APPROVED

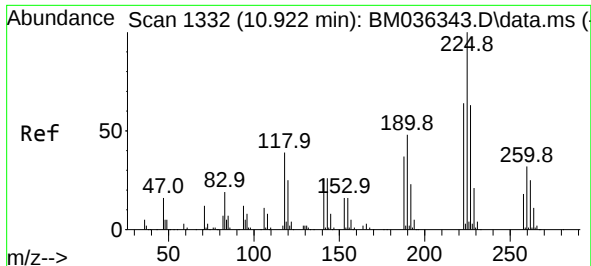
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#32
4-Chloroaniline
Concen: 4.255 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

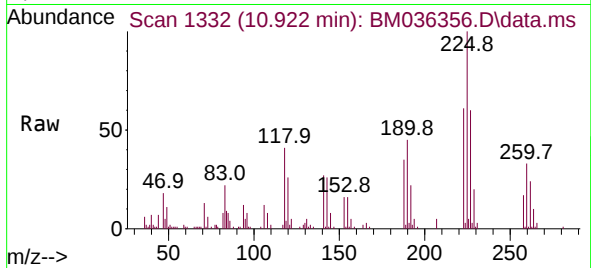
Tgt Ion:127 Resp: 103596
Ion Ratio Lower Upper
127 100
129 33.5 25.3 37.9





#33
Hexachlorobutadiene
Concen: 4.409 ng/ul
RT: 10.922 min Scan# 1332
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

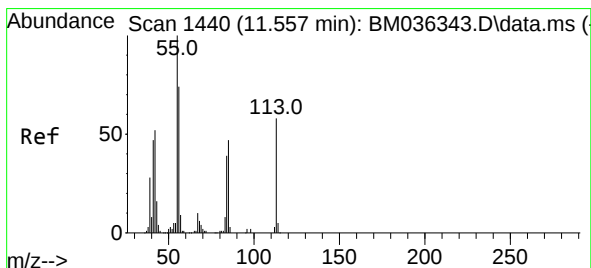
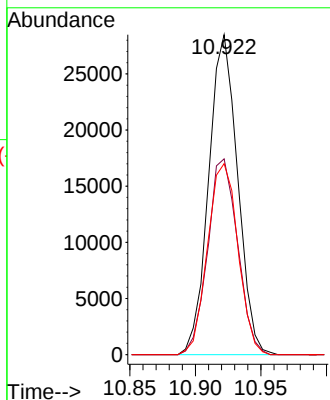
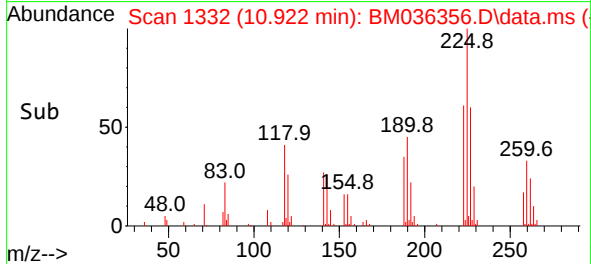
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



Tgt Ion:225 Resp: 43758
Ion Ratio Lower Upper
225 100
223 61.4 50.0 75.0
227 60.0 49.9 74.9

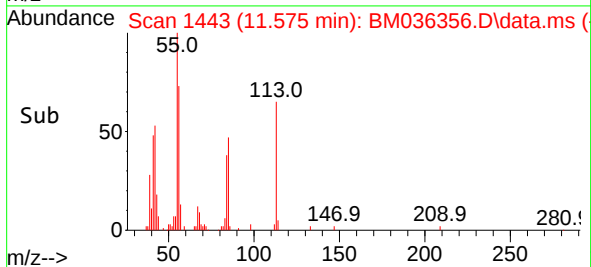
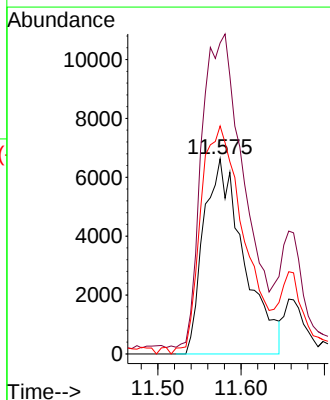
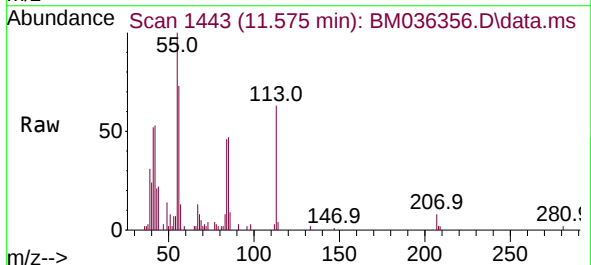
Manual Integrations
APPROVED

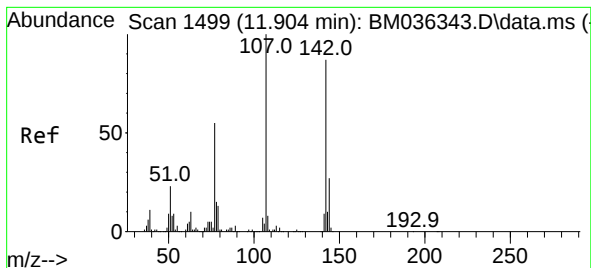
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#34
Caprolactam
Concen: 4.693 ng/ul m
RT: 11.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

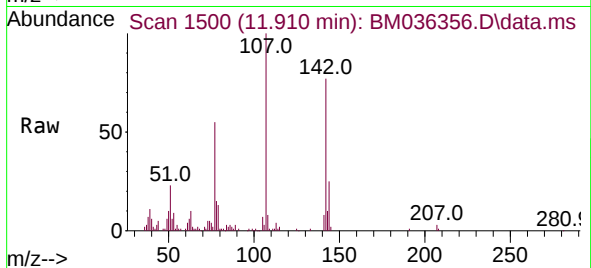
Tgt Ion:113 Resp: 22213
Ion Ratio Lower Upper
113 100
55 159.4 150.2 225.4
56 116.8 102.1 153.1





#35
4-Chloro-3-methylphenol
Concen: 4.291 ng/ul
RT: 11.910 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

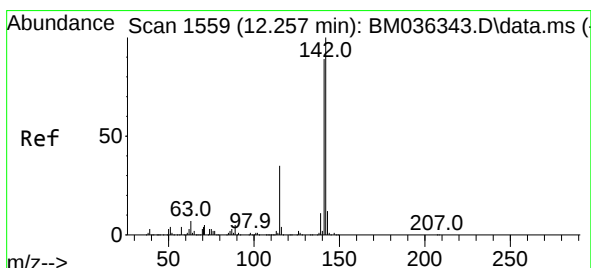
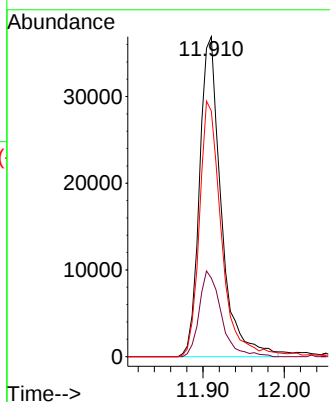
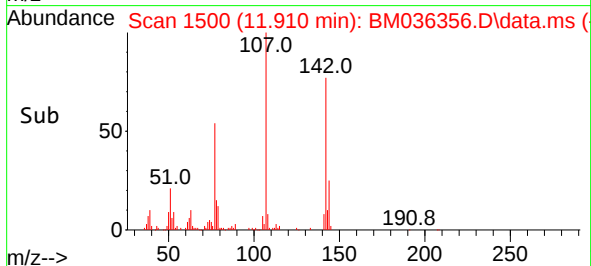
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT2-2022-04



Tgt Ion:107 Resp: 68542
Ion Ratio Lower Upper
107 100
144 24.5 20.3 30.5
142 76.8 64.4 96.6

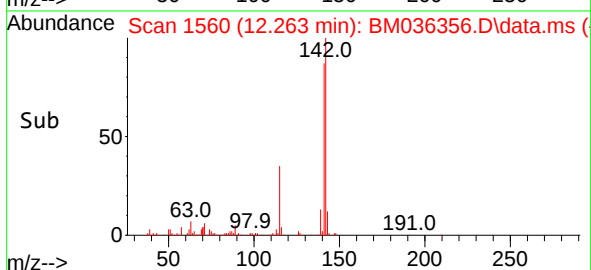
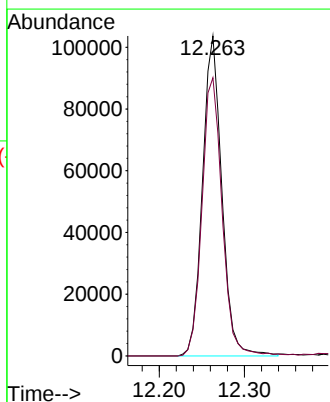
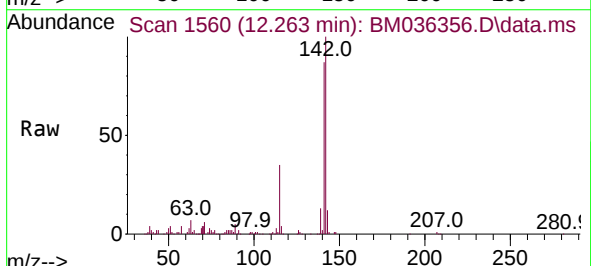
Manual Integrations
APPROVED

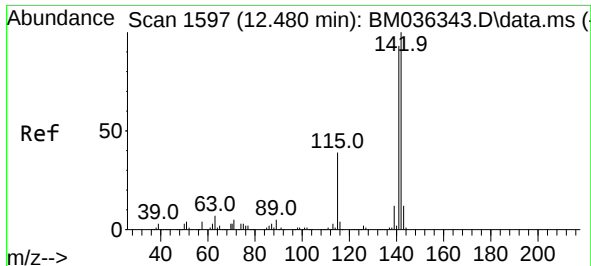
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#36
2-Methylnaphthalene
Concen: 4.417 ng/ul
RT: 12.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

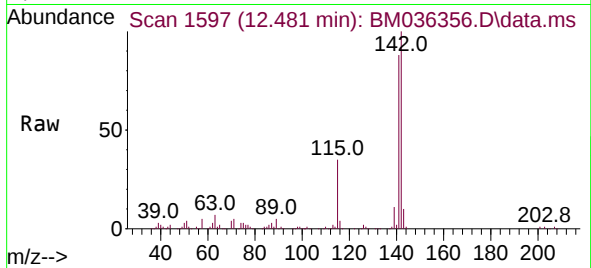
Tgt Ion:142 Resp: 163455
Ion Ratio Lower Upper
142 100
141 86.9 70.7 106.1





#37
1-Methylnaphthalene
Concen: 4.573 ng/ul
RT: 12.481 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

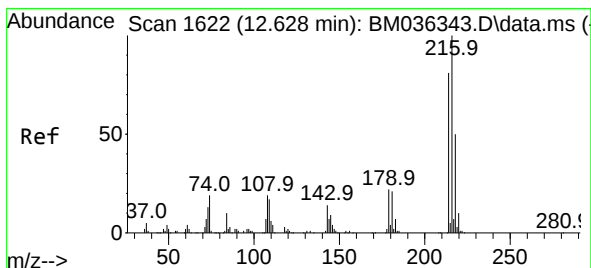
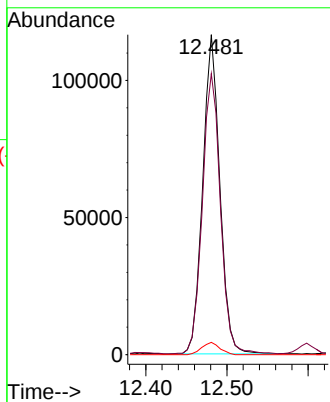
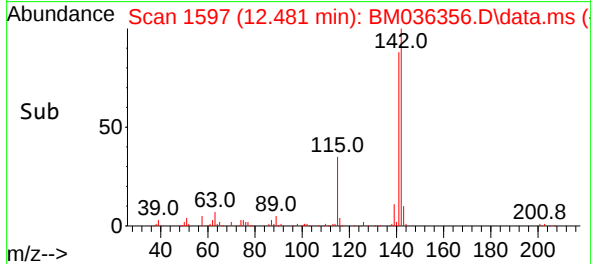
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



Tgt Ion:142 Resp: 170419
Ion Ratio Lower Upper
142 100
141 87.8 75.2 112.8
116 3.8 2.6 3.8

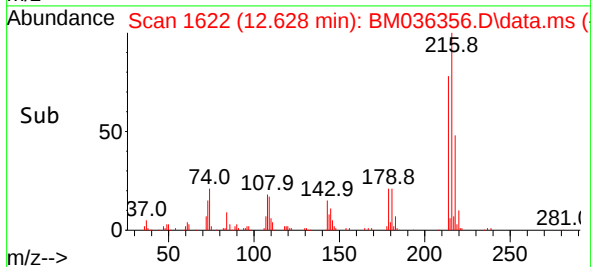
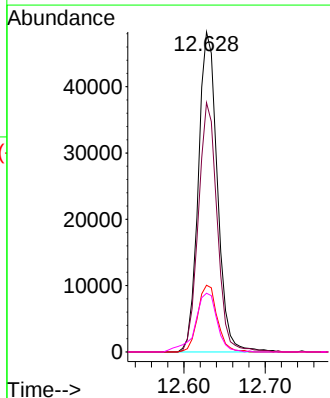
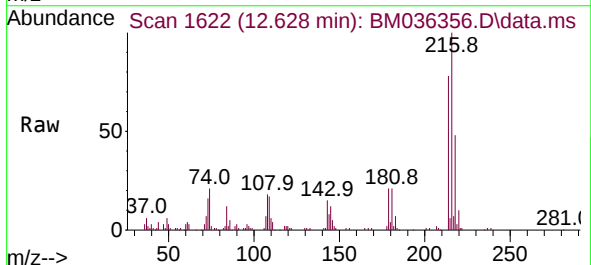
Manual Integrations
APPROVED

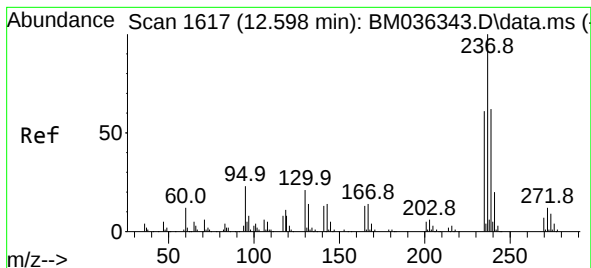
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.368 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

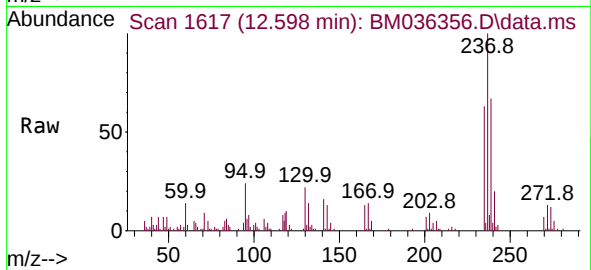
Tgt Ion:216 Resp: 78562
Ion Ratio Lower Upper
216 100
214 77.9 62.4 93.6
179 20.8 17.3 25.9
108 18.3 14.0 21.0





#40
Hexachlorocyclopentadiene
Concen: 3.597 ng/ul
RT: 12.598 min Scan# 1617
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

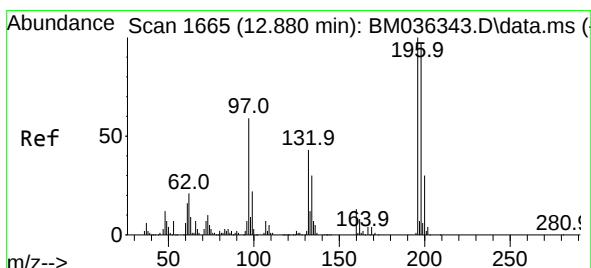
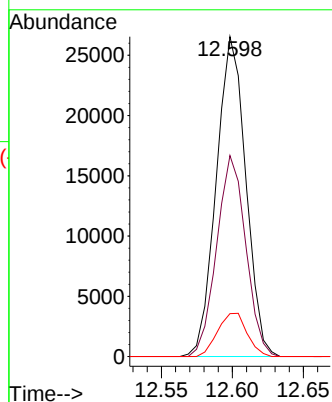
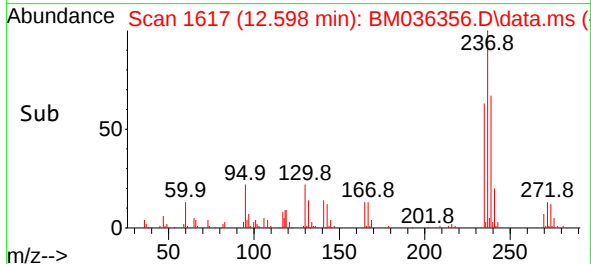
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



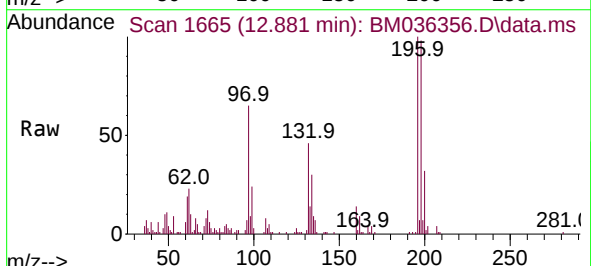
Tgt Ion:237 Resp: 38384
Ion Ratio Lower Upper
237 100
235 67.2 48.4 72.6
272 14.2 11.6 17.4

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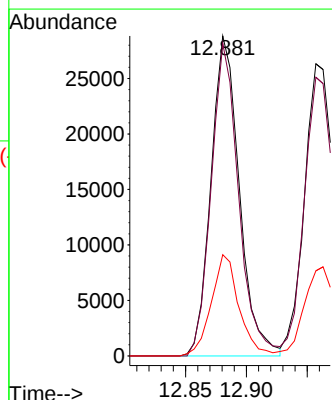
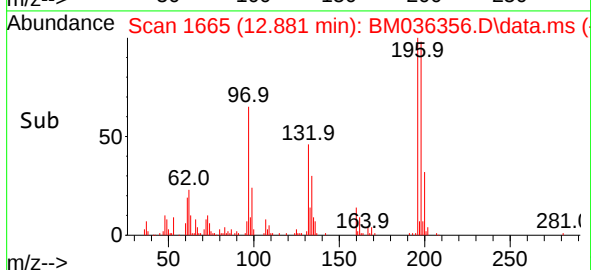
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022

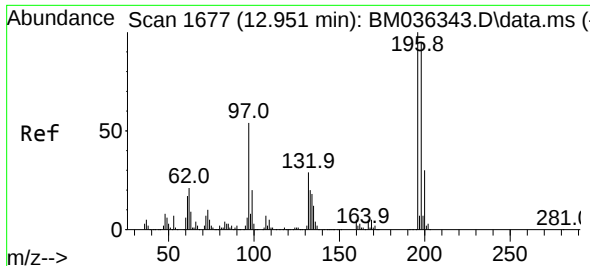


#41
2,4,6-Trichlorophenol
Concen: 4.129 ng/ul
RT: 12.881 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22



Tgt Ion:196 Resp: 46739
Ion Ratio Lower Upper
196 100
198 97.7 77.8 116.6
200 31.6 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 4.013 ng/uI

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BM036356.D

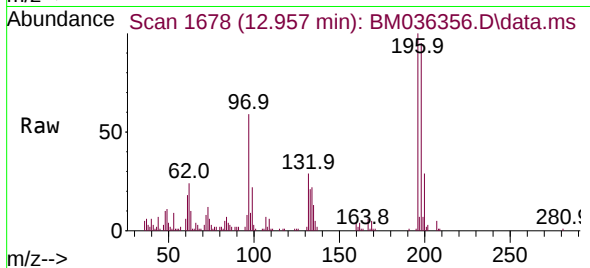
Acq: 19 Aug 2022 14:22

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2022-04

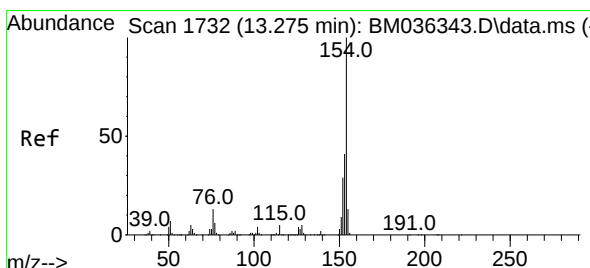
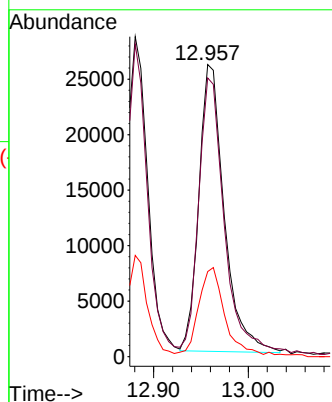
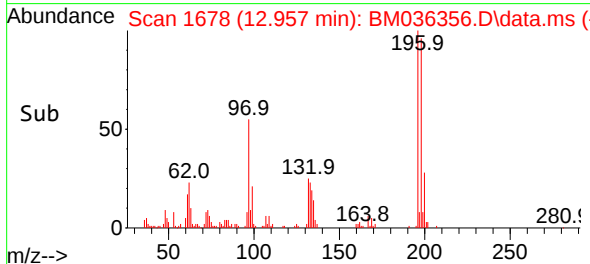


Tgt Ion:	196	Resp:	48186
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.8	115.2
200	29.1	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#43

1,1'-Biphenyl

Concen: 4.399 ng/uI

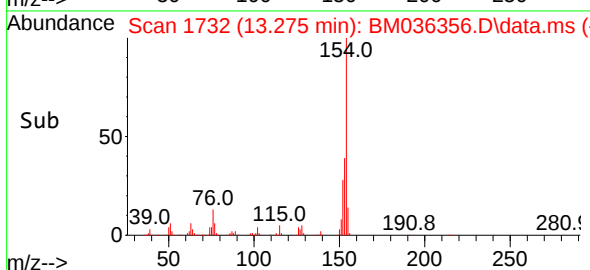
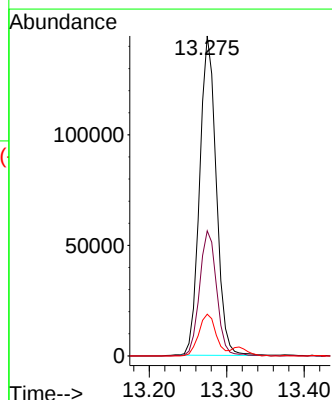
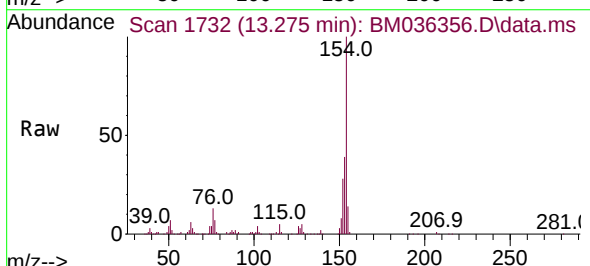
RT: 13.275 min Scan# 1732

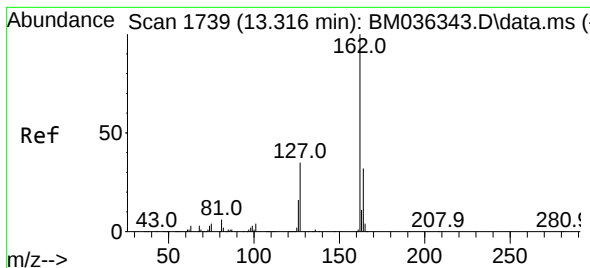
Delta R.T. -0.011 min

Lab File: BM036356.D

Acq: 19 Aug 2022 14:22

Tgt Ion:	154	Resp:	215295
Ion Ratio	Lower	Upper	
154	100		
153	39.1	32.4	48.6
76	13.0	10.1	15.1





#44

2-Chloronaphthalene

Concen: 4.323 ng/ul

RT: 13.316 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BM036356.D

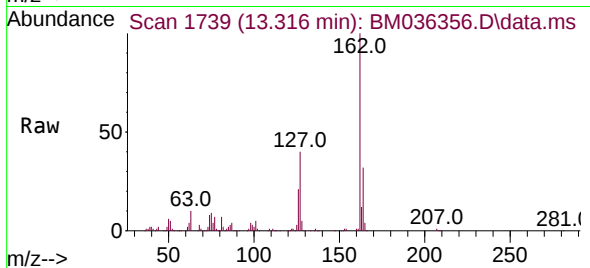
Acq: 19 Aug 2022 14:22

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2022-04



Tgt Ion:162 Resp: 162360

Ion Ratio Lower Upper

162 100

164 32.5 25.4 38.0

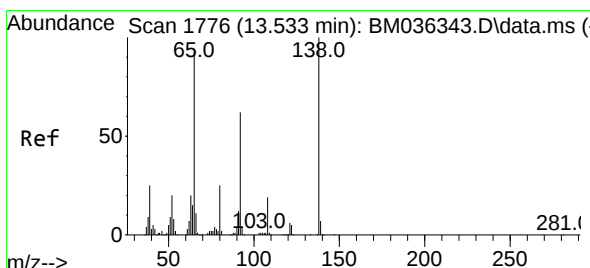
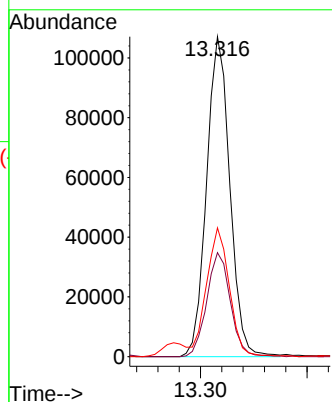
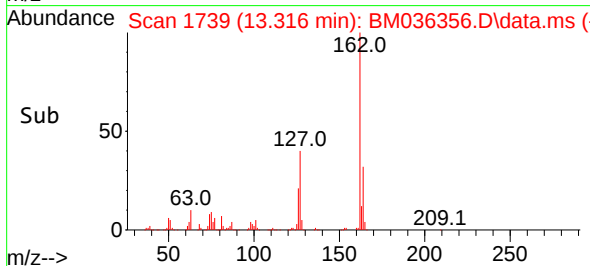
127 40.2 31.6 47.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/22/2022

Supervised By :Sohil Jodhani 08/24/2022



#45

2-Nitroaniline

Concen: 3.944 ng/ul

RT: 13.539 min Scan# 1777

Delta R.T. -0.006 min

Lab File: BM036356.D

Acq: 19 Aug 2022 14:22

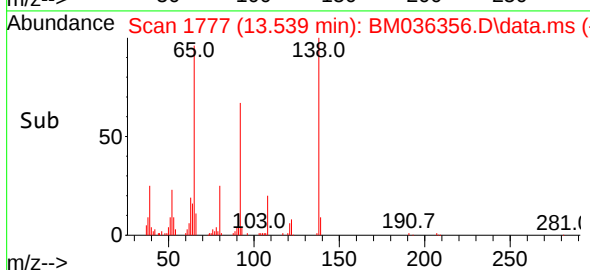
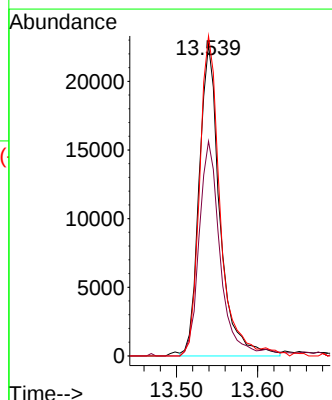
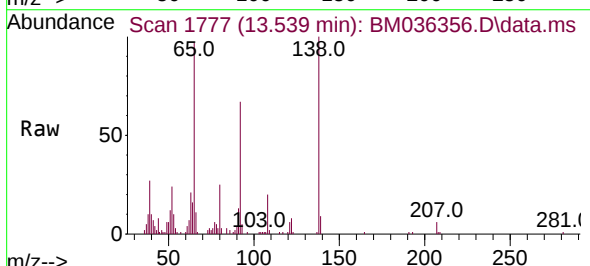
Tgt Ion: 65 Resp: 40110

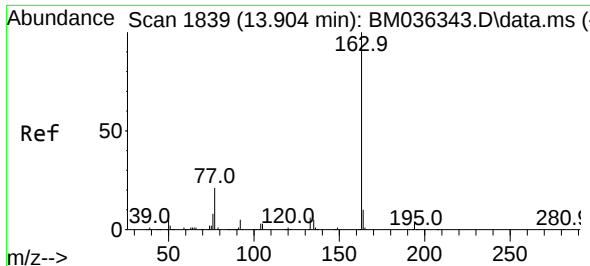
Ion Ratio Lower Upper

65 100

92 68.9 54.5 81.7

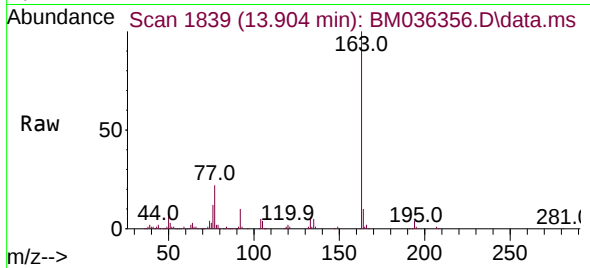
138 102.8 91.2 136.8





#47
Dimethylphthalate
Concen: 4.609 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

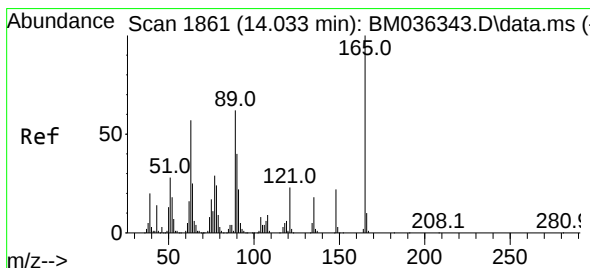
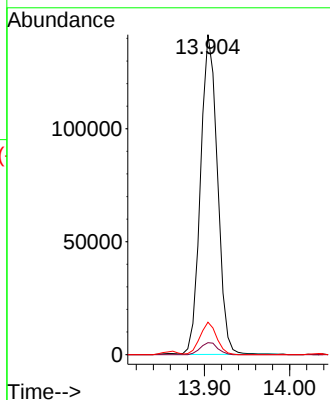
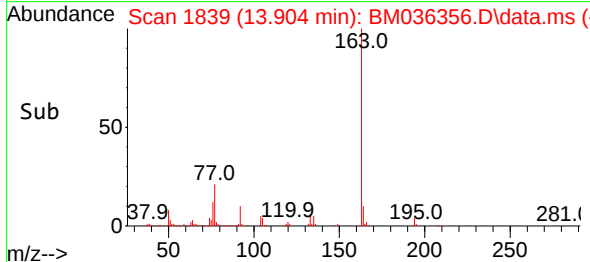
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



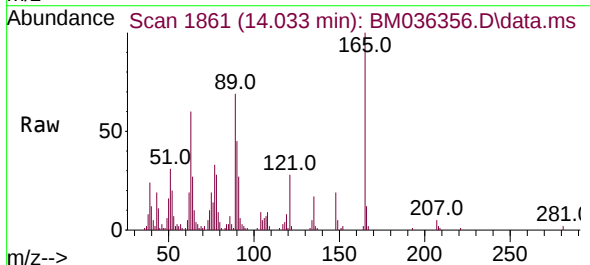
Tgt Ion:163 Resp: 195336
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.1 7.9 11.9

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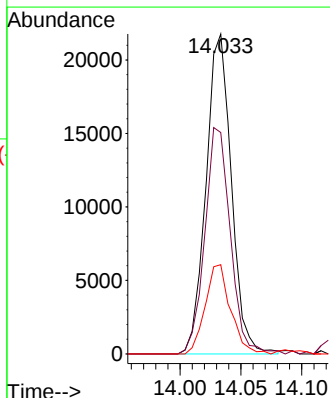
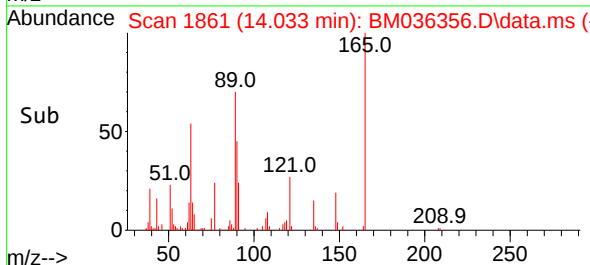
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022

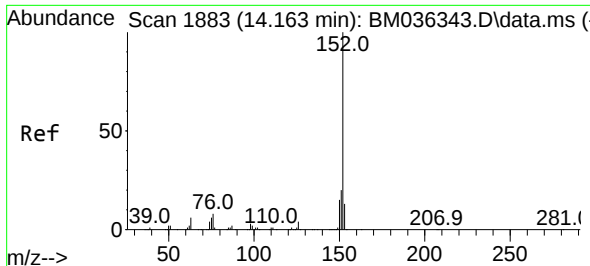


#48
2,6-Dinitrotoluene
Concen: 3.951 ng/ul
RT: 14.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22



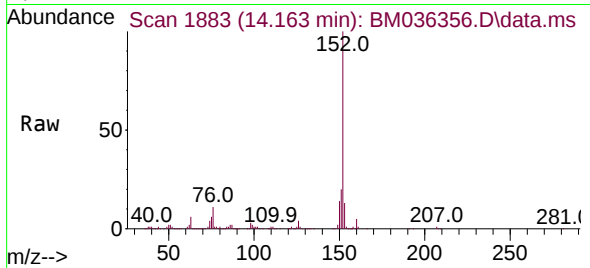
Tgt Ion:165 Resp: 31593
Ion Ratio Lower Upper
165 100
89 69.2 42.5 63.7#
121 27.9 17.2 25.8#





#50
Acenaphthylene
Concen: 4.511 ng/ul
RT: 14.163 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

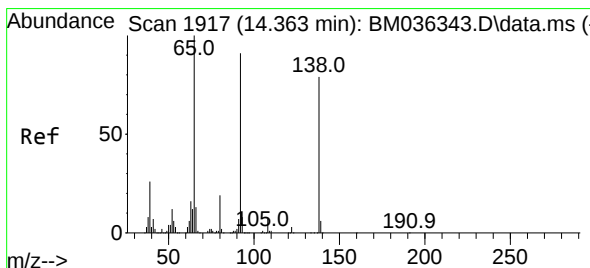
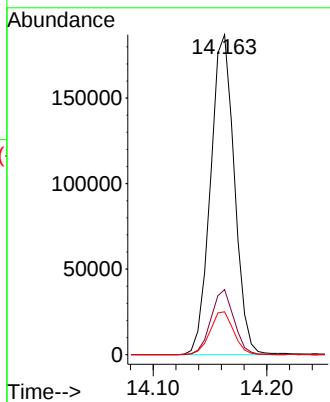
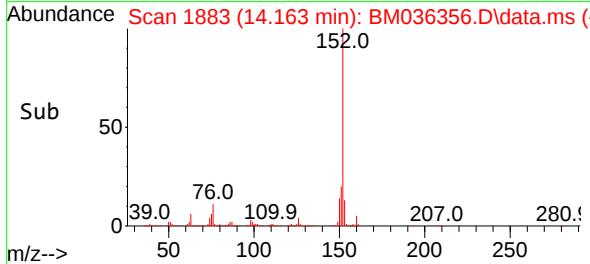
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT2-2022-04



Tgt Ion:152 Resp: 273160
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.4 10.6 15.8

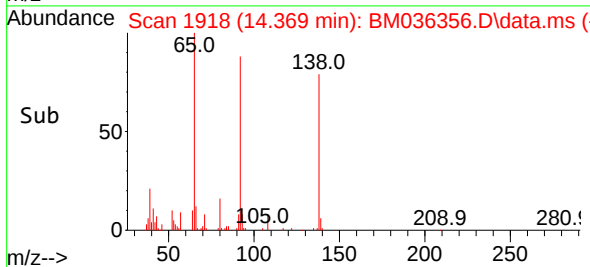
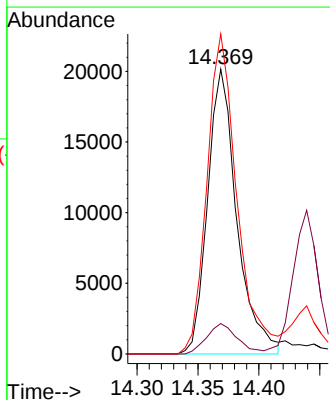
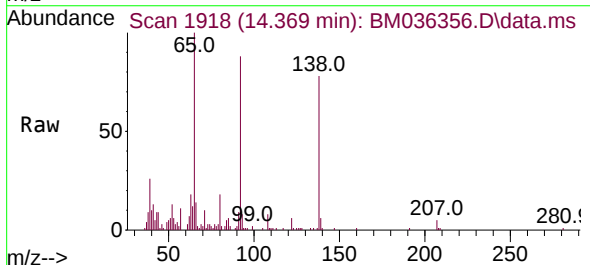
Manual Integrations
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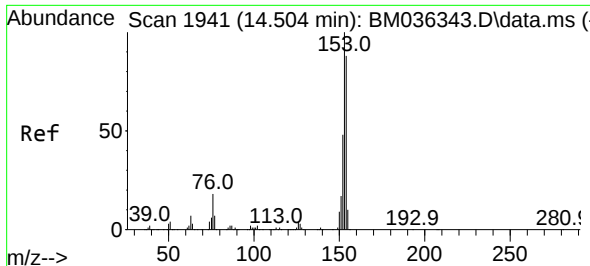
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#51
3-Nitroaniline
Concen: 3.842 ng/ul
RT: 14.369 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

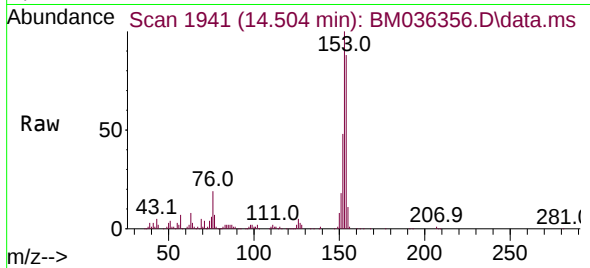
Tgt Ion:138 Resp: 33600
Ion Ratio Lower Upper
138 100
108 10.6 8.1 12.1
92 112.4 90.4 135.6





#52
Acenaphthene
Concen: 4.440 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

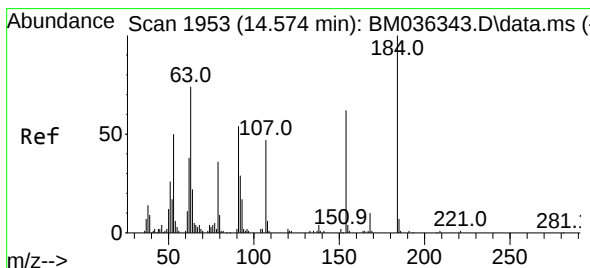
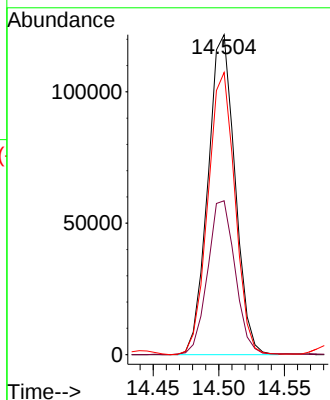
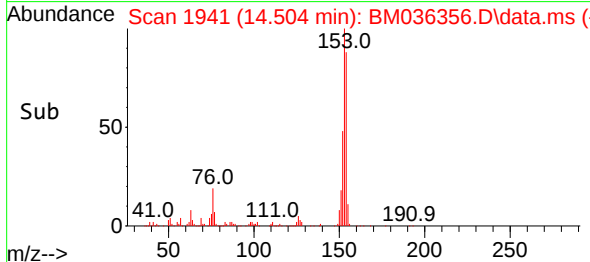
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT2-2022-04



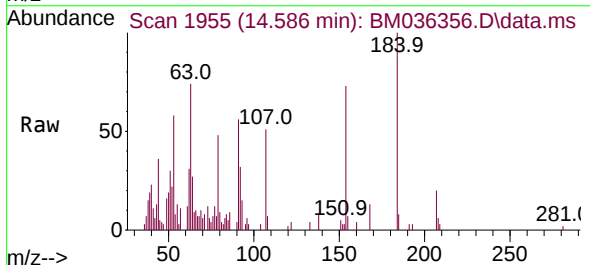
Tgt Ion:153 Resp: 175259
Ion Ratio Lower Upper
153 100
152 48.1 37.1 55.7
154 88.2 71.3 106.9

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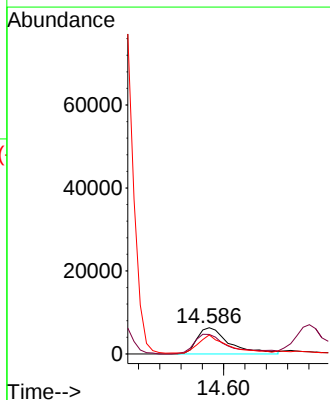
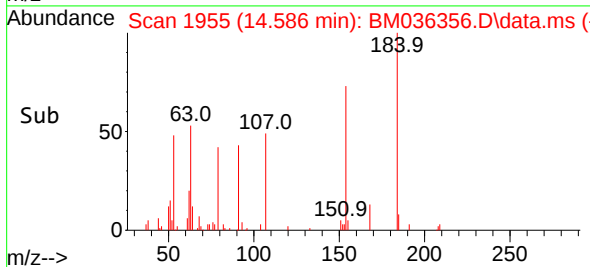
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022

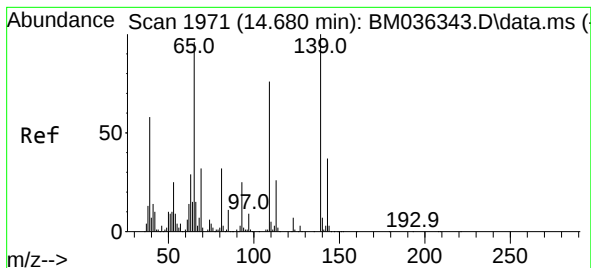


#53
2,4-Dinitrophenol
Concen: 3.039 ng/ul
RT: 14.586 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22



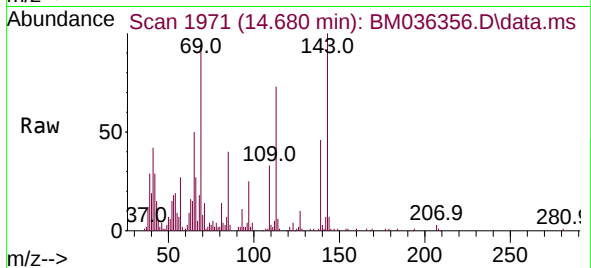
Tgt Ion:184 Resp: 13241
Ion Ratio Lower Upper
184 100
63 74.4 54.2 81.4
154 72.5 49.3 73.9





#55
4-Nitrophenol
Concen: 4.670 ng/ul
RT: 14.680 min Scan# 1971
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

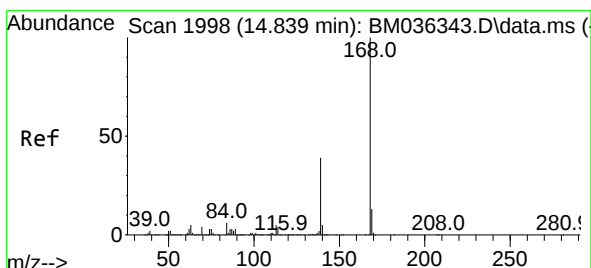
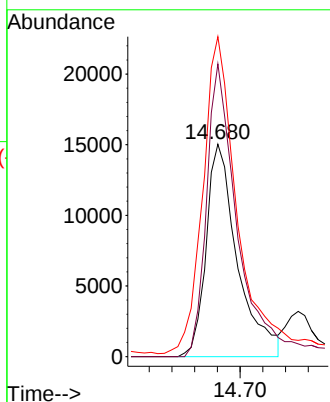
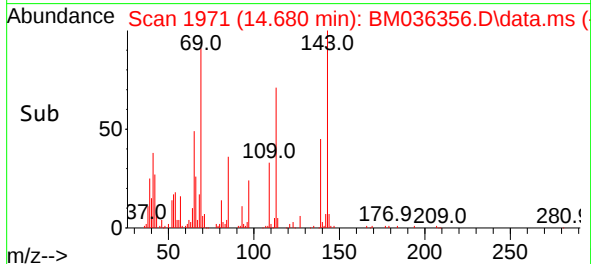
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT2-2022-04



Tgt Ion:109 Resp: 28785
Ion Ratio Lower Upper
109 100
139 137.8 124.9 187.3
65 150.6 122.2 183.4

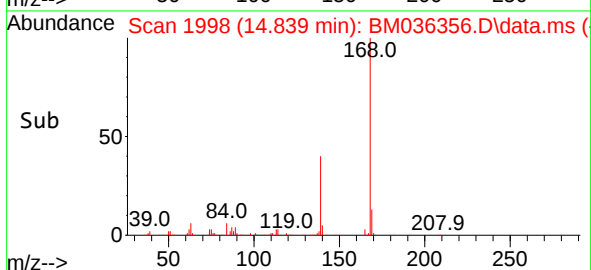
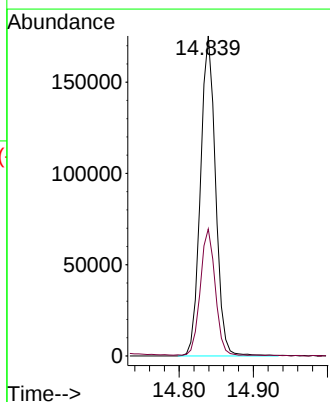
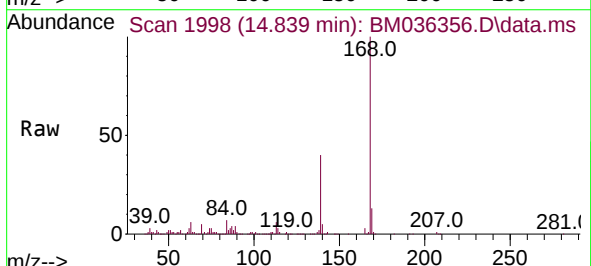
Manual Integrations
APPROVED

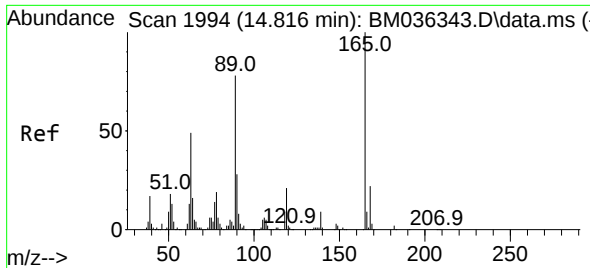
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#56
Dibenzofuran
Concen: 4.535 ng/ul
RT: 14.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

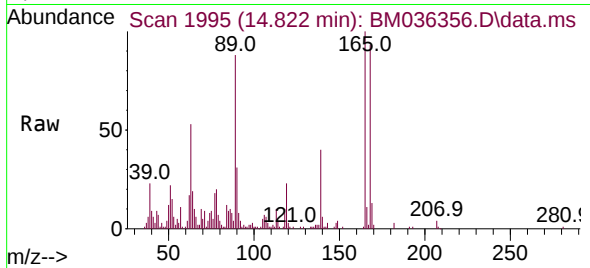
Tgt Ion:168 Resp: 248342
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1





#57
2,4-Dinitrotoluene
Concen: 4.132 ng/ul
RT: 14.822 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

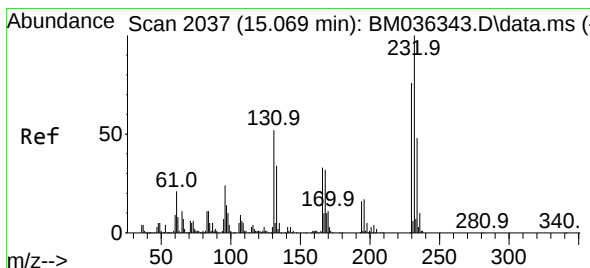
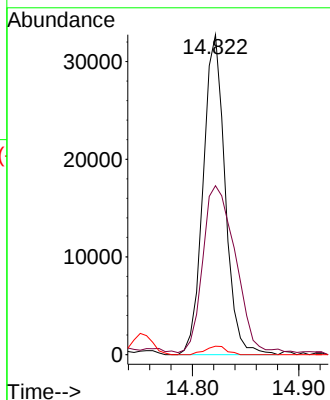
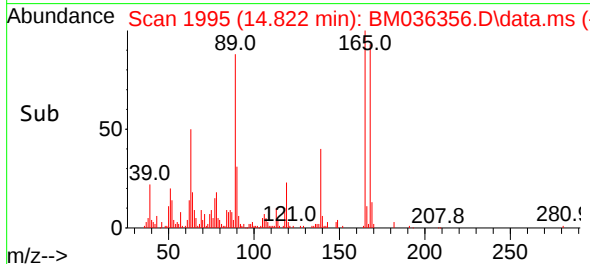
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



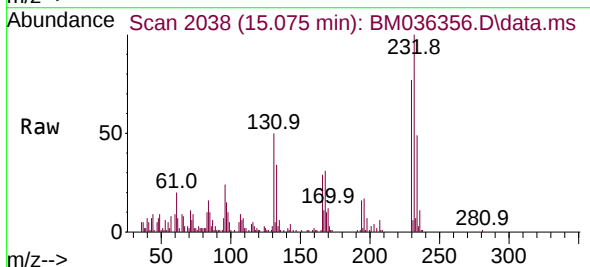
Tgt Ion:165 Resp: 46852
Ion Ratio Lower Upper
165 100
63 52.8 35.9 53.9
182 2.6 2.5 3.7

Manual Integrations
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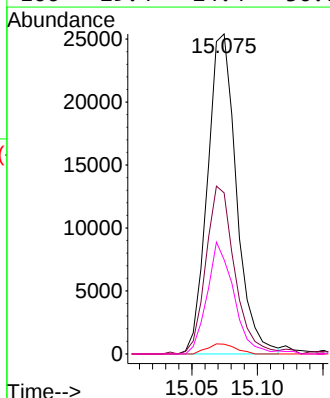
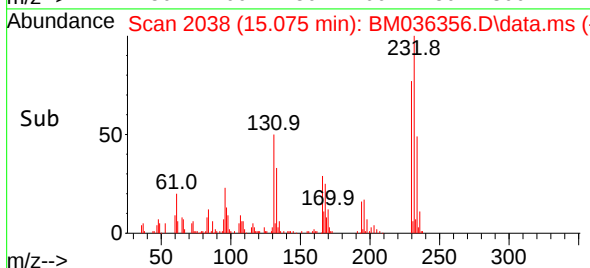
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022

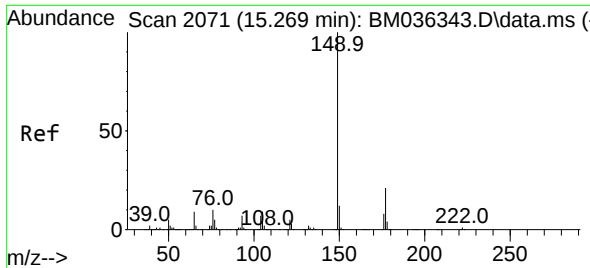


#58
2,3,4,6-Tetrachlorophenol
Concen: 4.278 ng/ul
RT: 15.075 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22



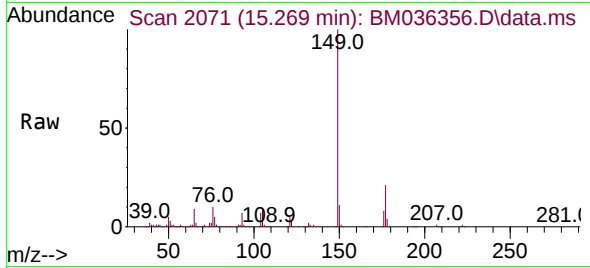
Tgt Ion:232 Resp: 38993
Ion Ratio Lower Upper
232 100
131 50.3 36.7 55.1
130 3.0 1.7 2.5#
166 29.4 24.4 36.6





#59
Diethylphthalate
Concen: 5.622 ng/ul
RT: 15.269 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

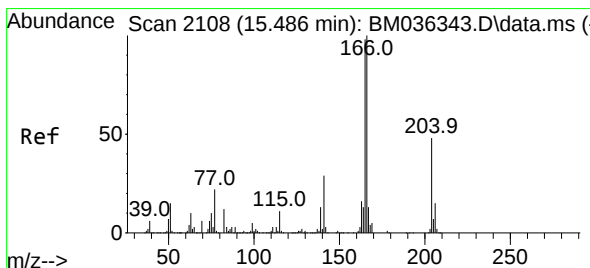
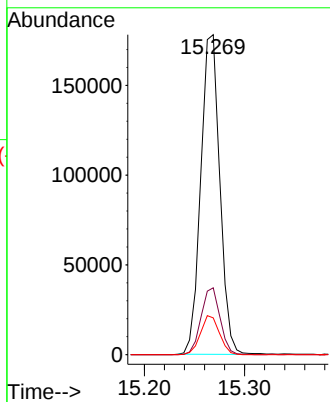
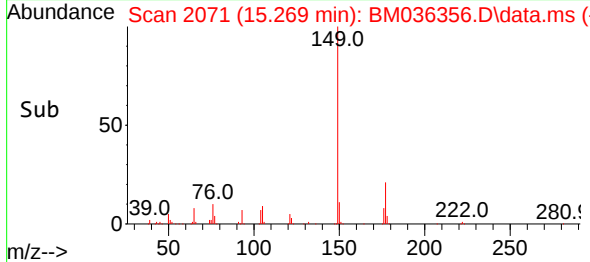
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT2-2022-04



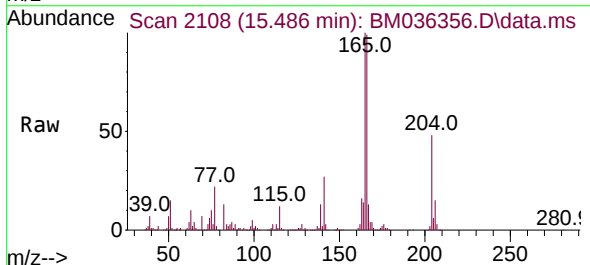
Tgt Ion:149 Resp: 234863
Ion Ratio Lower Upper
149 100
177 20.9 16.8 25.2
150 11.5 10.2 15.4

Manual Integrations
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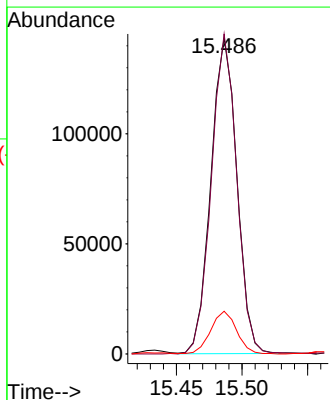
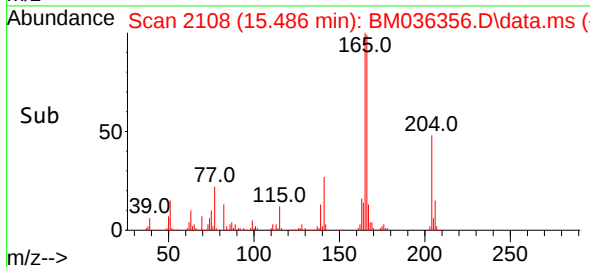
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022

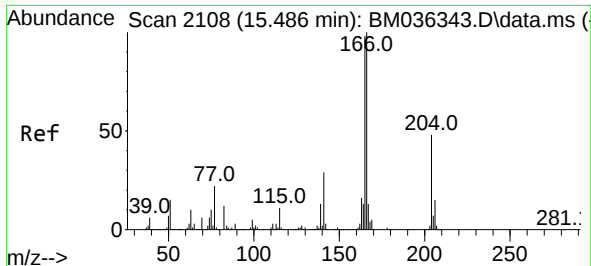


#61
Fluorene
Concen: 4.569 ng/ul
RT: 15.486 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22



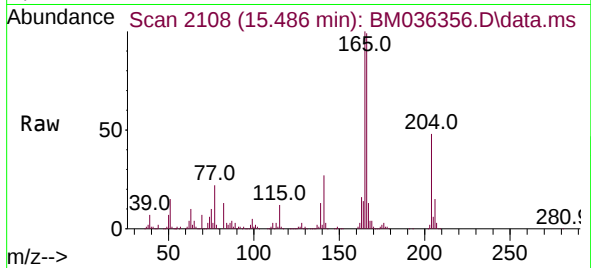
Tgt Ion:166 Resp: 198492
Ion Ratio Lower Upper
166 100
165 101.2 77.2 115.8
167 13.5 11.0 16.4





#62
4-Chlorophenyl-phenylether
Concen: 4.647 ng/ul
RT: 15.486 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

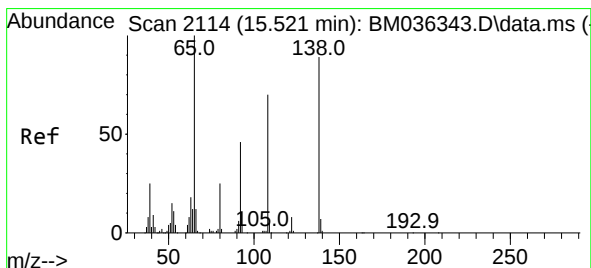
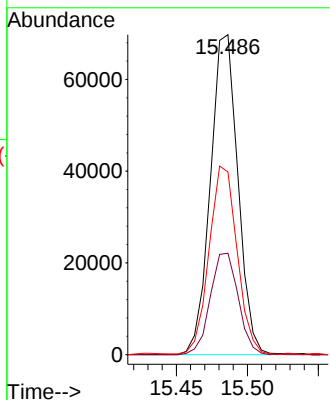
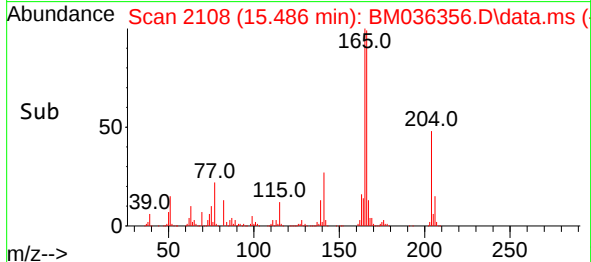
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



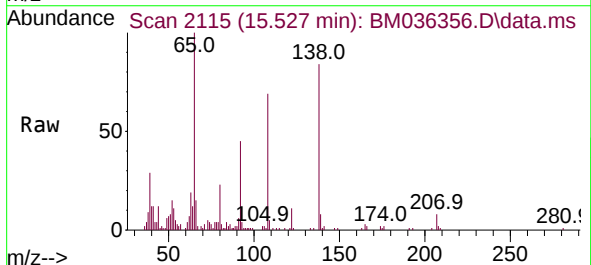
Tgt Ion:204 Resp: 9428
Ion Ratio Lower Upper
204 100
206 31.7 25.9 38.9
141 57.1 50.6 75.8

Manual Integrations
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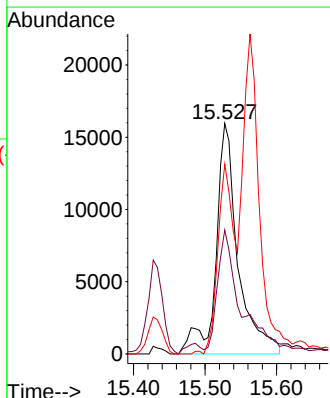
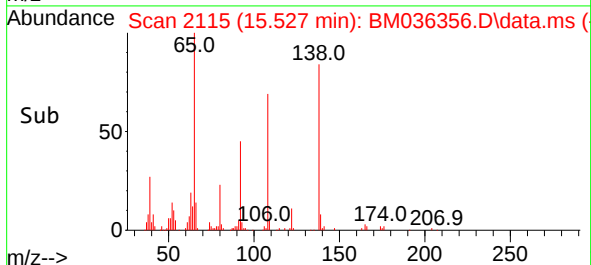
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022

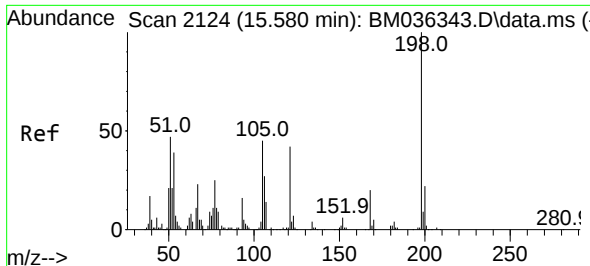


#63
4-Nitroaniline
Concen: 4.192 ng/ul m
RT: 15.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22



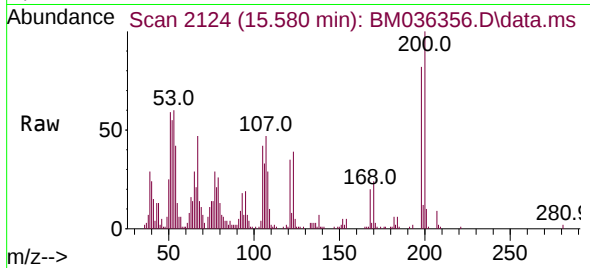
Tgt Ion:138 Resp: 34198
Ion Ratio Lower Upper
138 100
92 53.7 39.2 58.8
108 82.3 51.6 77.4#





#66
4,6-Dinitro-2-methylphenol
Concen: 4.388 ng/ul
RT: 15.580 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

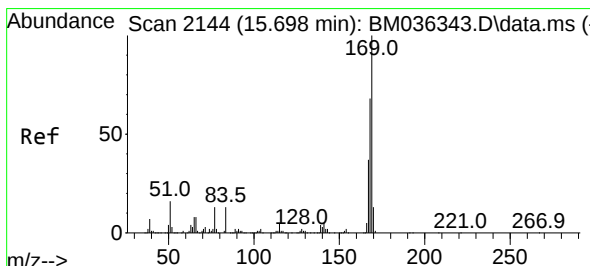
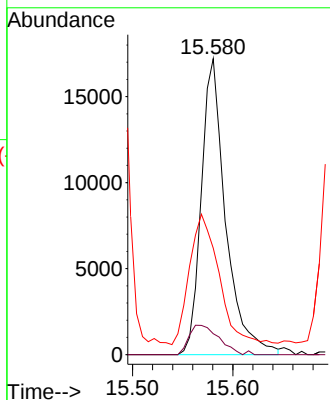
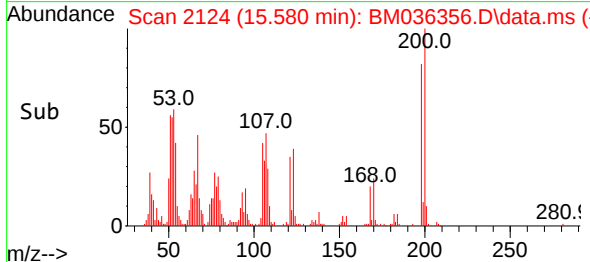
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



Tgt Ion:198 Resp: 29040
Ion Ratio Lower Upper
198 100
182 7.1 4.2 6.4
77 36.0 19.9 29.9

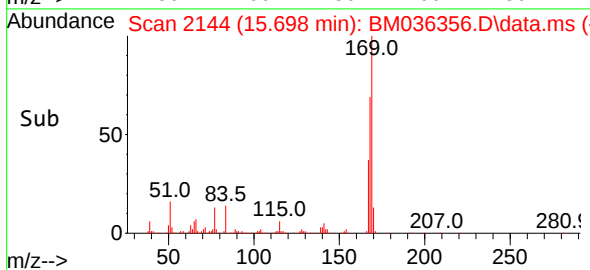
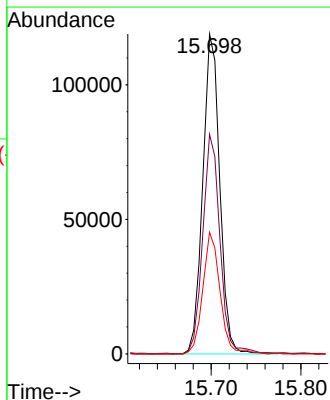
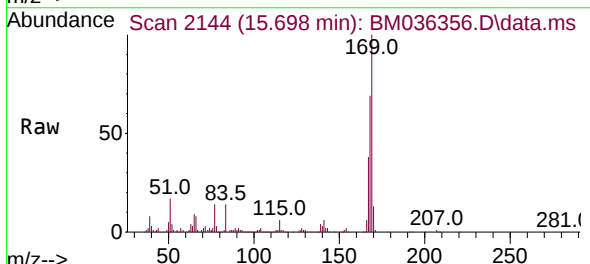
Manual Integrations
APPROVED

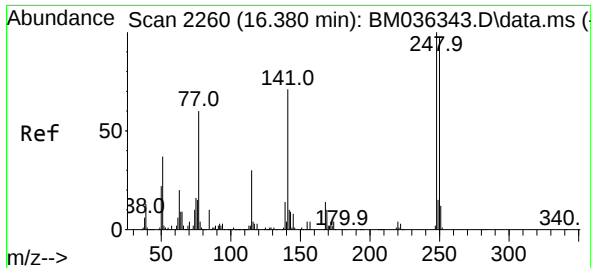
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#67
N-Nitrosodiphenylamine
Concen: 4.313 ng/ul
RT: 15.698 min Scan# 2144
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

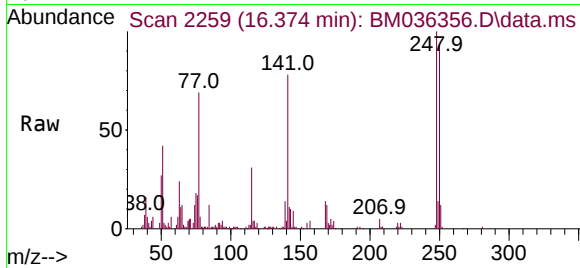
Tgt Ion:169 Resp: 157004
Ion Ratio Lower Upper
169 100
168 68.6 53.8 80.6
167 38.0 28.7 43.1





#68
4-Bromophenyl-phenylether
Concen: 4.542 ng/ul
RT: 16.374 min Scan# 2259
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

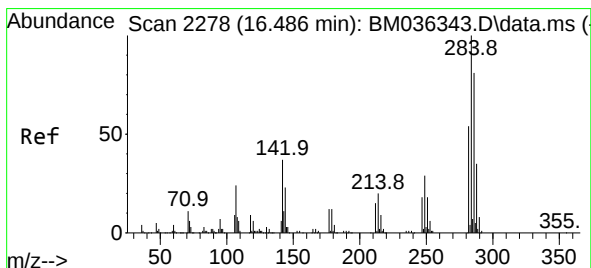
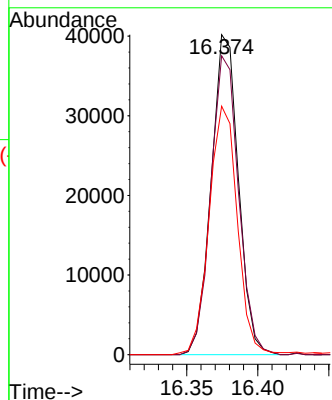
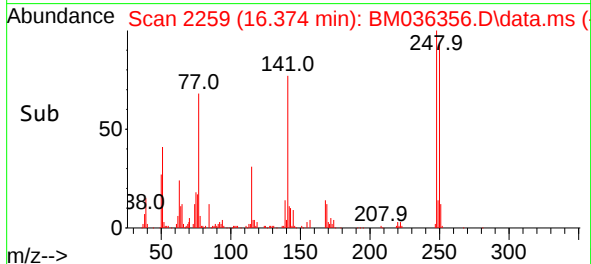
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



Tgt Ion:248 Resp: 53552
Ion Ratio Lower Upper
248 100
250 93.4 77.3 115.9
141 77.6 59.8 89.8

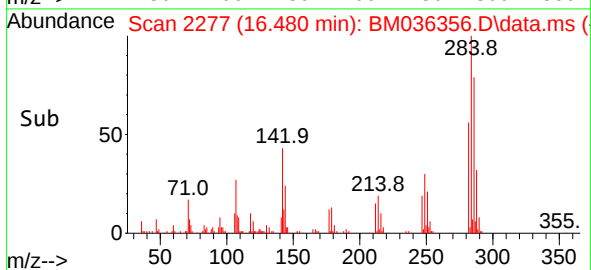
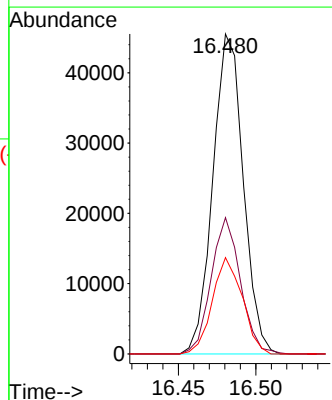
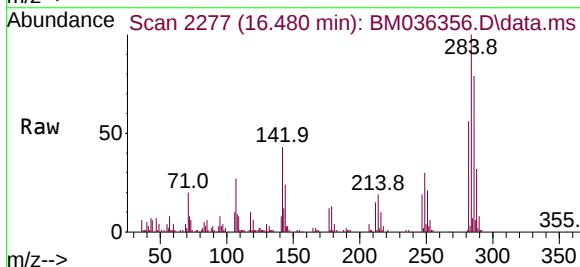
Manual Integrations
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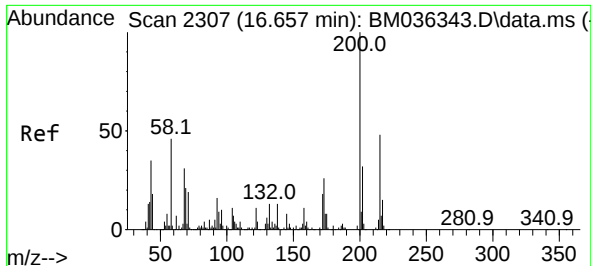
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#69
Hexachlorobenzene
Concen: 4.344 ng/ul
RT: 16.480 min Scan# 2277
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

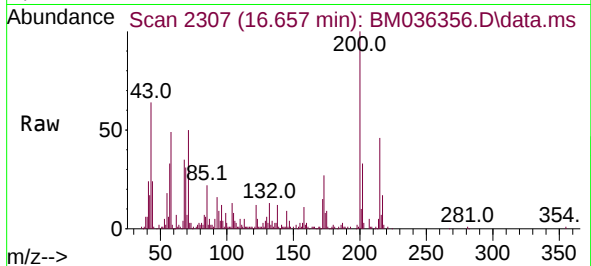
Tgt Ion:284 Resp: 62072
Ion Ratio Lower Upper
284 100
142 42.6 28.6 42.8
249 30.1 24.6 37.0





#70
Atrazine
Concen: 4.955 ng/ul
RT: 16.657 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

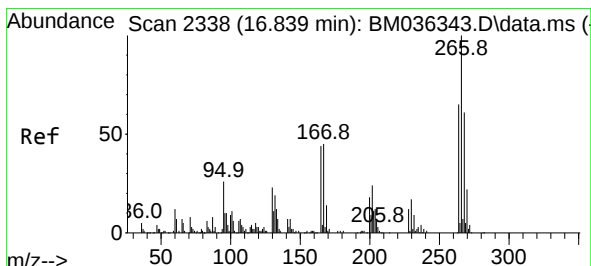
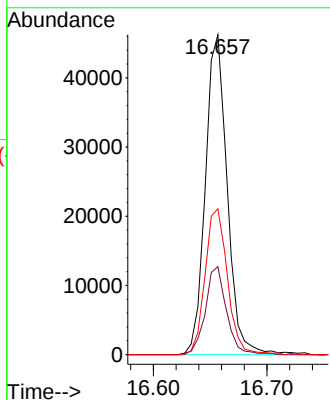
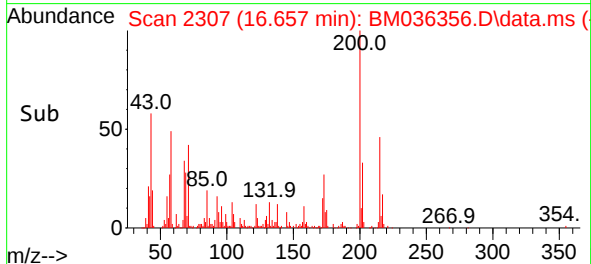
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



Tgt Ion:200 Resp: 61624
Ion Ratio Lower Upper
200 100
173 27.5 21.3 31.9
215 45.6 39.0 58.6

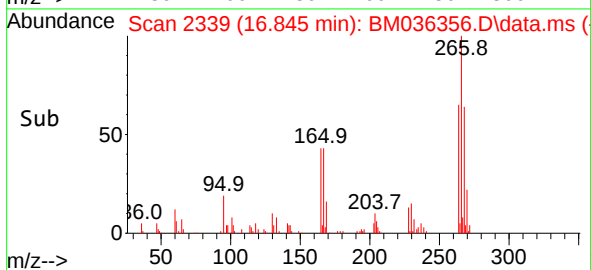
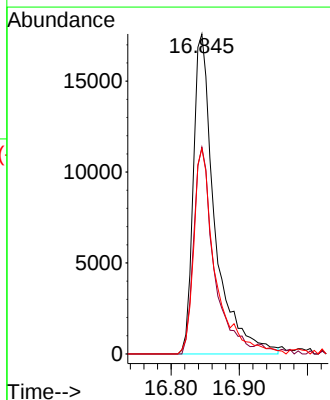
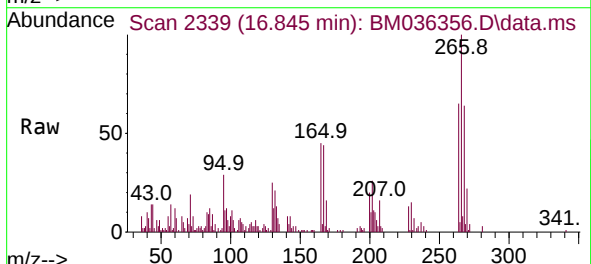
Manual Integrations
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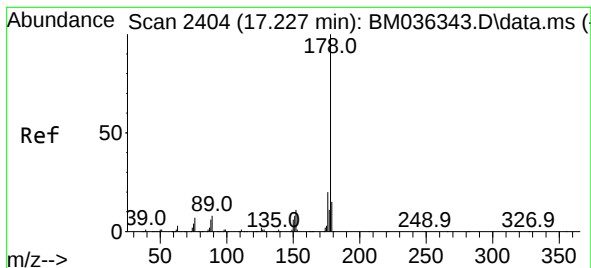
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#71
Pentachlorophenol
Concen: 4.896 ng/ul
RT: 16.845 min Scan# 2339
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

Tgt Ion:266 Resp: 38569
Ion Ratio Lower Upper
266 100
264 64.6 49.5 74.3
268 68.4 51.0 76.4





#72

Phenanthrene

Concen: 4.548 ng/ul

RT: 17.221 min Scan# 2404

Delta R.T. -0.011 min

Lab File: BM036356.D

Acq: 19 Aug 2022 14:22

Instrument :

BNA_M

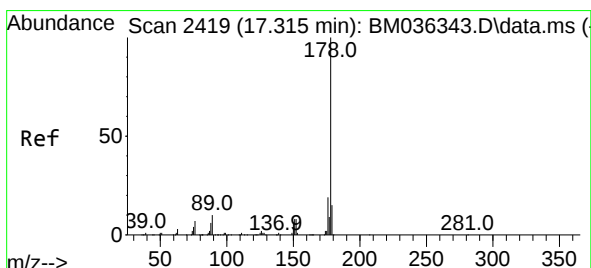
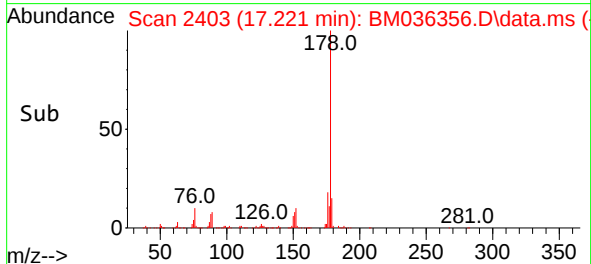
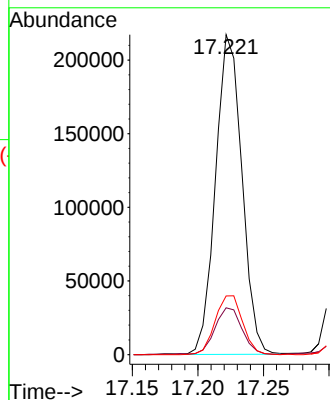
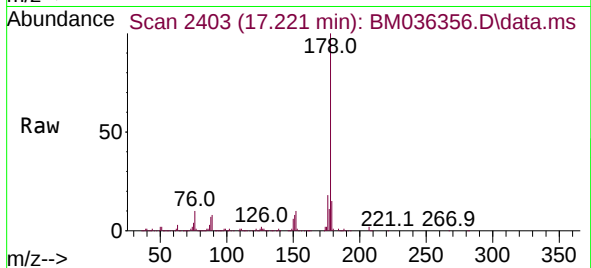
ClientSampleId :

MDL-SOIL-QT2-2022-04

Tgt Ion:178 Resp: 304426
 Ion Ratio Lower Upper
 178 100
 179 14.6 12.2 18.2
 176 18.3 14.9 22.3

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Reviewed By :Jagrut Upadhyay 08/22/2022
 Supervised By :Sohil Jodhani 08/24/2022



#74

Anthracene

Concen: 4.558 ng/ul

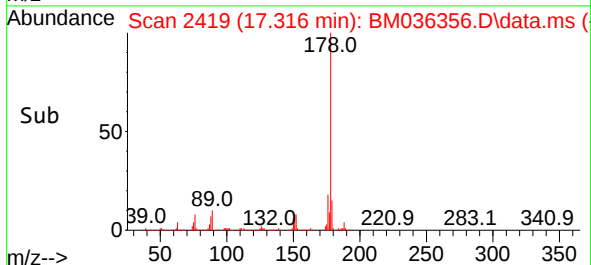
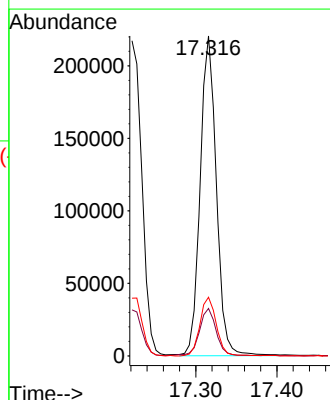
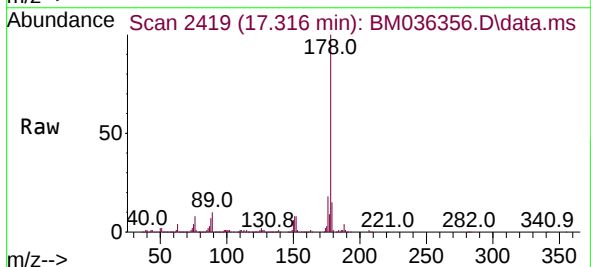
RT: 17.316 min Scan# 2419

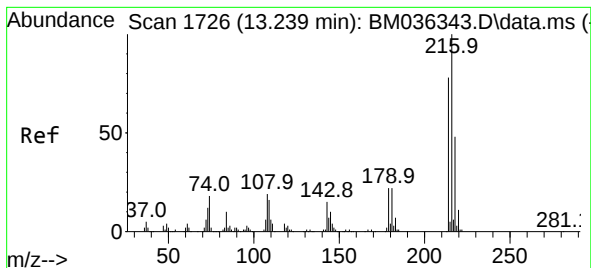
Delta R.T. -0.006 min

Lab File: BM036356.D

Acq: 19 Aug 2022 14:22

Tgt Ion:178 Resp: 305884
 Ion Ratio Lower Upper
 178 100
 179 14.8 12.2 18.2
 176 18.3 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.302 ng/uL

RT: 13.239 min Scan# 1726

Delta R.T. -0.006 min

Lab File: BM036356.D

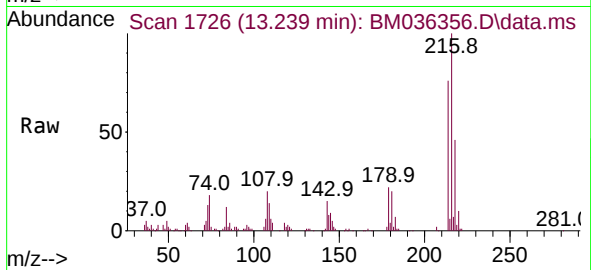
Acq: 19 Aug 2022 14:22

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2022-04

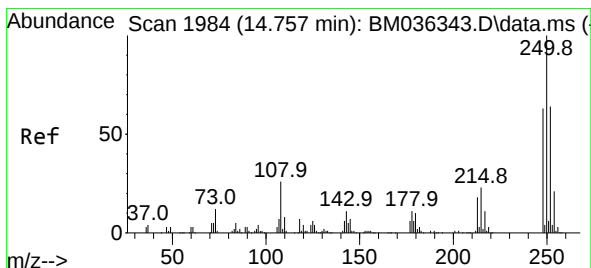
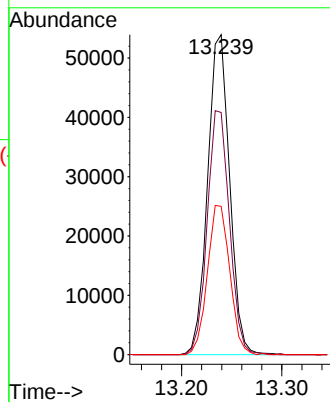
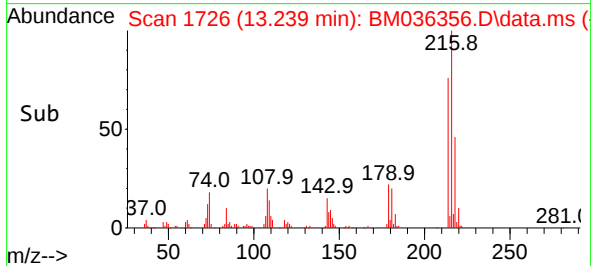


Tgt Ion:	216	Resp:	82192
Ion Ratio	Lower	Upper	
216	100		
214	75.7	60.9	91.3
218	46.3	37.5	56.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#76

Pentachlorobenzene

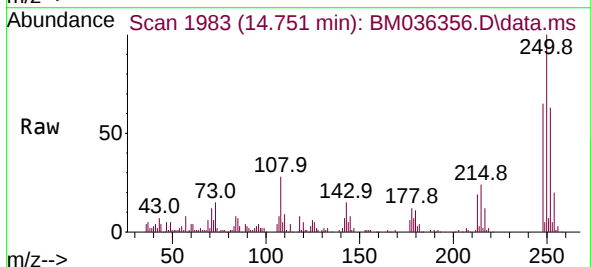
Concen: 4.804 ng/uL

RT: 14.751 min Scan# 1983

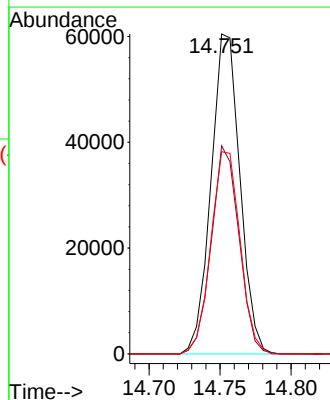
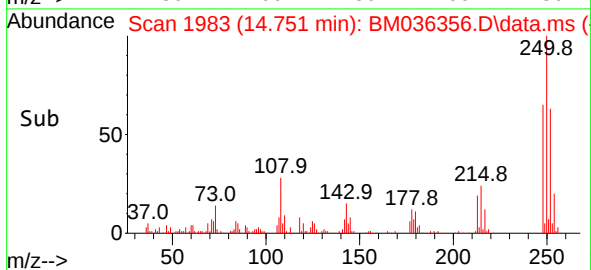
Delta R.T. -0.011 min

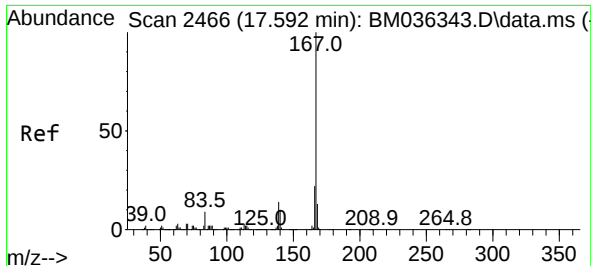
Lab File: BM036356.D

Acq: 19 Aug 2022 14:22



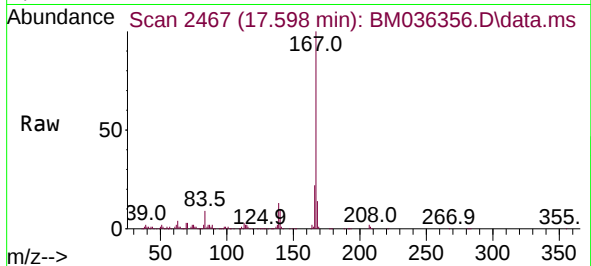
Tgt Ion:	250	Resp:	85698
Ion Ratio	Lower	Upper	
250	100		
248	65.0	50.4	75.6
252	63.2	51.1	76.7





#77
 Carbazole
 Concen: 4.201 ng/ul
 RT: 17.598 min Scan# 2467
 Delta R.T. -0.006 min
 Lab File: BM036356.D
 Acq: 19 Aug 2022 14:22

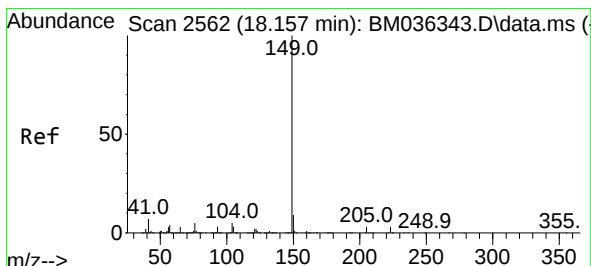
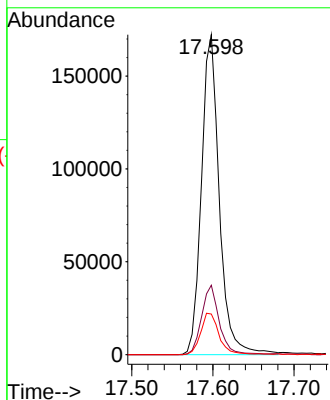
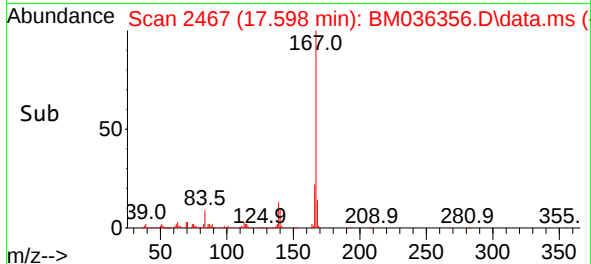
Instrument : BNA_M
 ClientSampleId : MDL-SOIL-QT2-2022-04



Tgt Ion:167 Resp: 263978
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.7 10.1 15.1

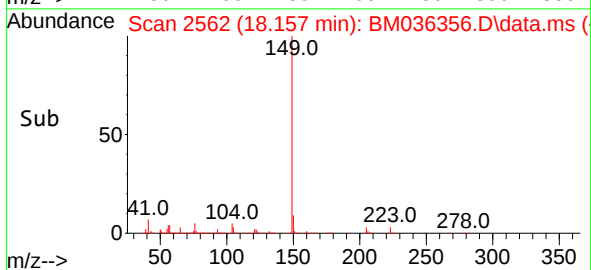
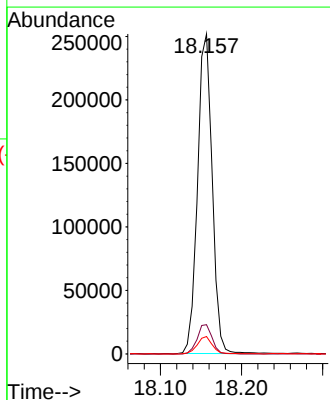
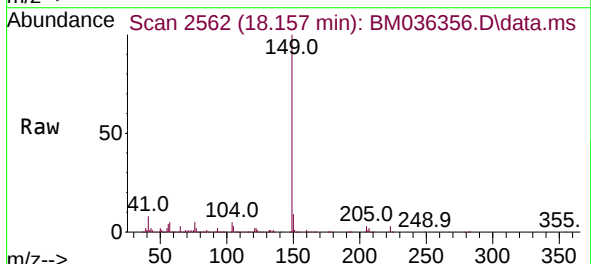
Manual Integrations
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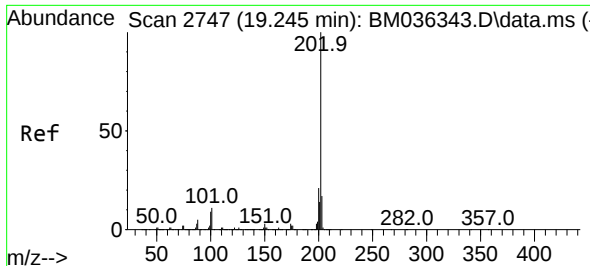
Reviewed By :Jagrut Upadhyay 08/22/2022
 Supervised By :Sohil Jodhani 08/24/2022



#78
 Di-n-butylphthalate
 Concen: 4.579 ng/ul
 RT: 18.157 min Scan# 2562
 Delta R.T. -0.006 min
 Lab File: BM036356.D
 Acq: 19 Aug 2022 14:22

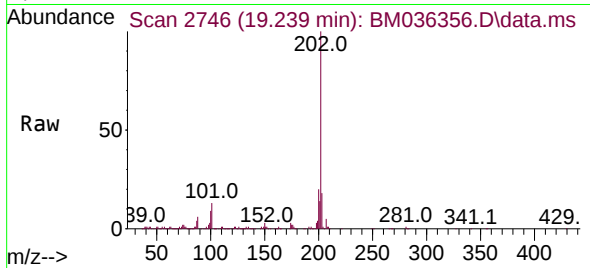
Tgt Ion:149 Resp: 314703
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.4 3.7 5.5





#80
Fluoranthene
Concen: 4.445 ng/ul
RT: 19.239 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

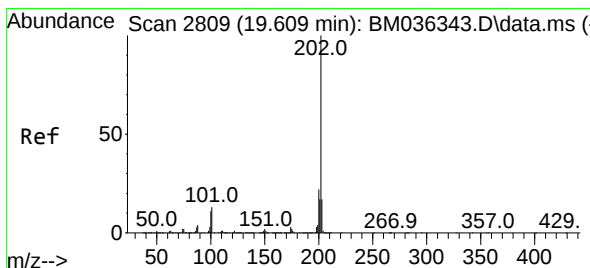
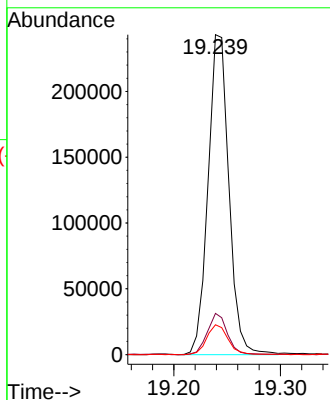
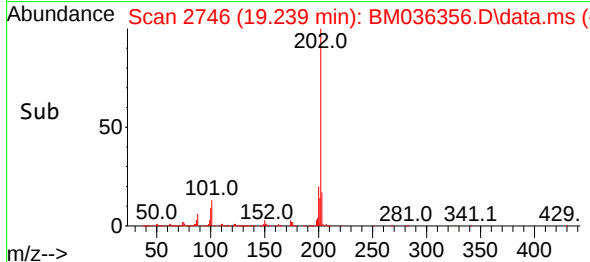
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



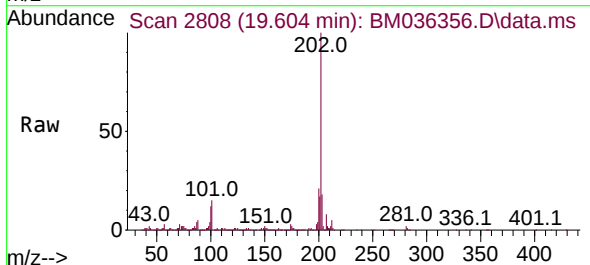
Tgt Ion:202 Resp: 329926
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 9.3 7.8 11.6

Manual Integrations
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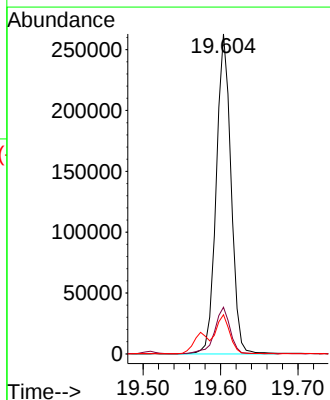
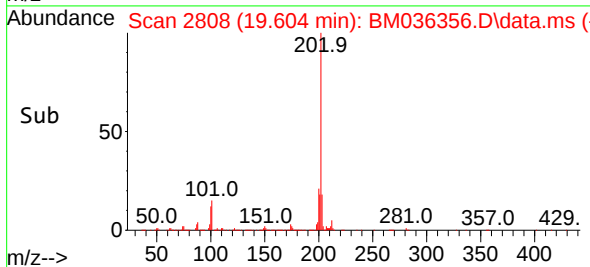
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022

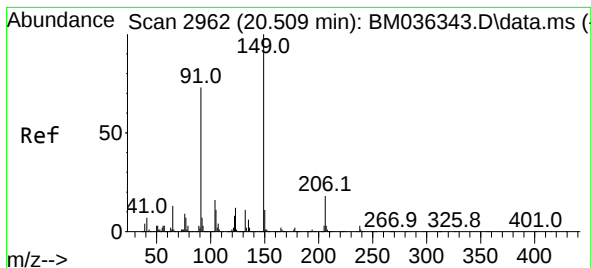


#82
Pyrene
Concen: 4.485 ng/ul
RT: 19.604 min Scan# 2808
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22



Tgt Ion:202 Resp: 347430
Ion Ratio Lower Upper
202 100
101 14.6 11.9 17.9
100 12.2 10.2 15.4





#83

Butylbenzylphthalate

Concen: 4.826 ng/ul

RT: 20.510 min Scan# 2962

Delta R.T. -0.006 min

Lab File: BM036356.D

Acq: 19 Aug 2022 14:22

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2022-04

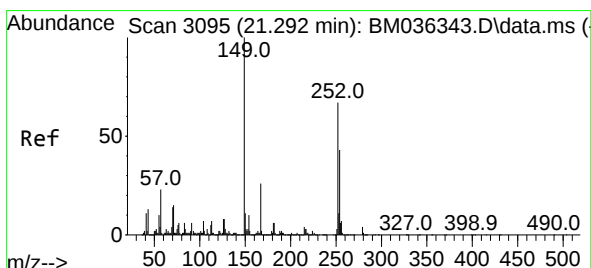
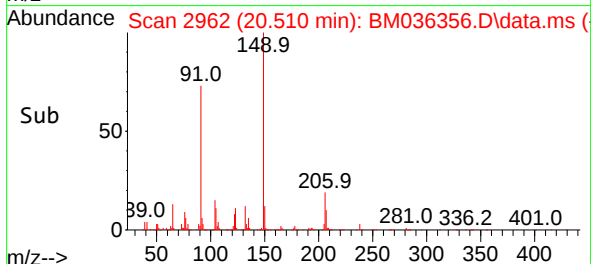
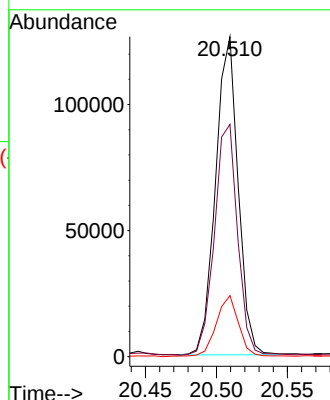
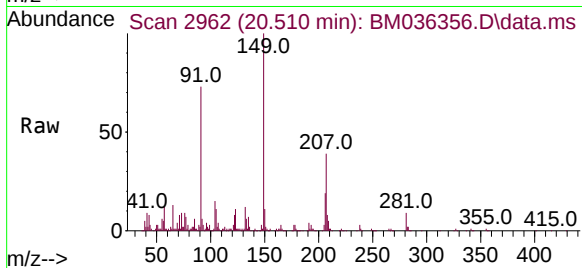
Tgt Ion:149 Resp: 139848

Ion	Ratio	Lower	Upper
149	100		
91	72.6	53.2	79.8
206	19.1	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#84

3,3'-Dichlorobenzidine

Concen: 3.494 ng/ul

RT: 21.292 min Scan# 3095

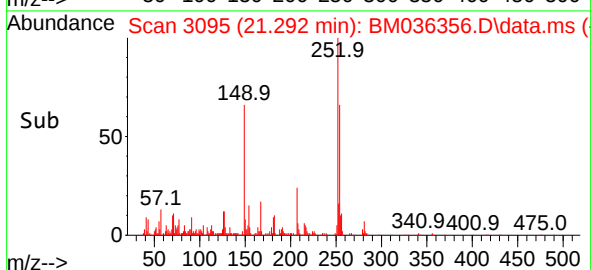
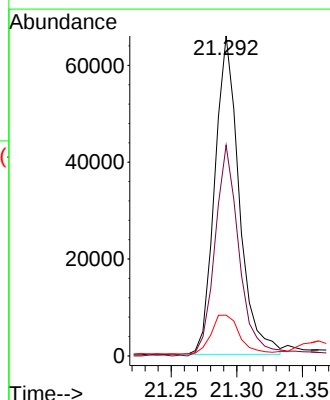
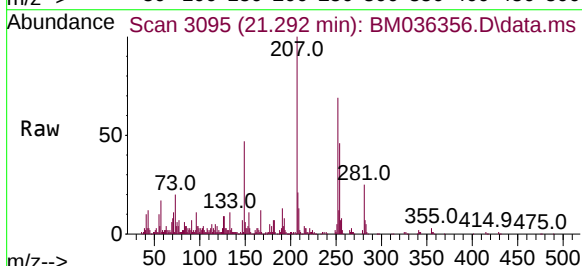
Delta R.T. -0.006 min

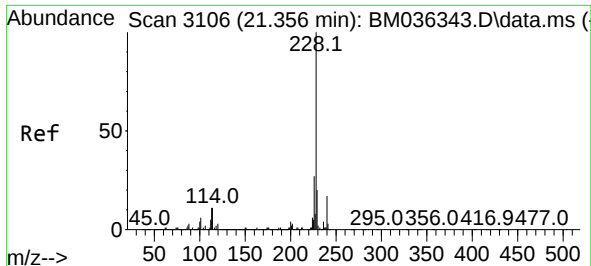
Lab File: BM036356.D

Acq: 19 Aug 2022 14:22

Tgt Ion:252 Resp: 85181

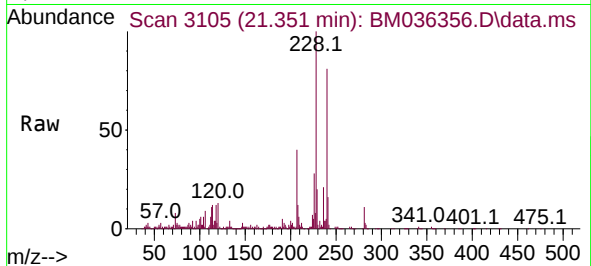
Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.4	78.6
126	12.7	10.8	16.2





#85
Benzo(a)anthracene
Concen: 4.478 ng/ul
RT: 21.351 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

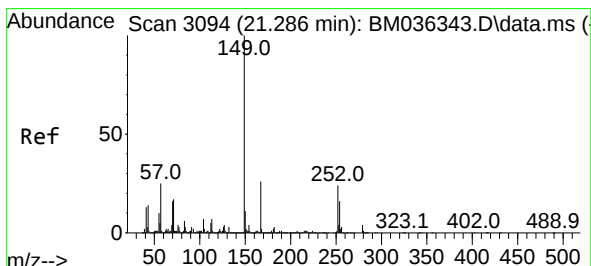
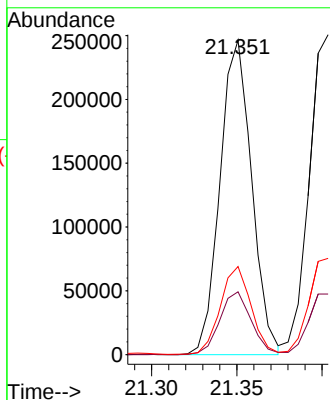
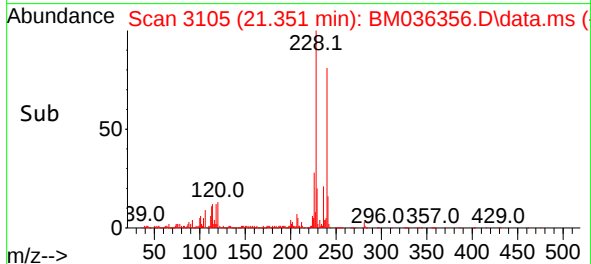
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



Tgt Ion:228 Resp: 318580
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 28.0 21.7 32.5

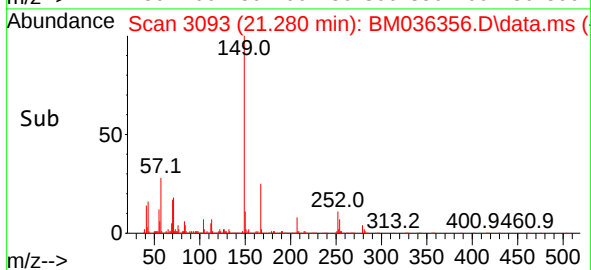
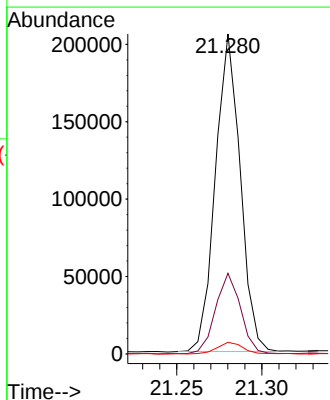
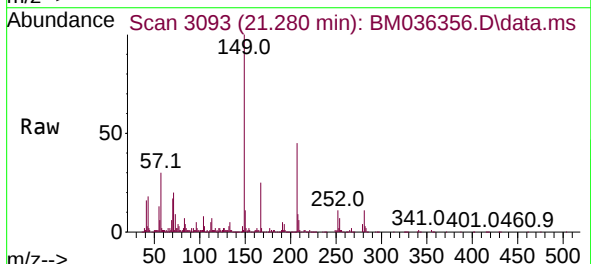
Manual Integrations
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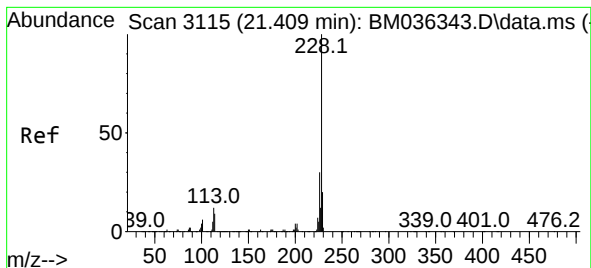
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#86
Bis(2-ethylhexyl)phthalate
Concen: 5.197 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

Tgt Ion:149 Resp: 207923
Ion Ratio Lower Upper
149 100
167 25.2 21.5 32.3
279 3.6 3.4 5.2





#87

Chrysene

Concen: 4.413 ng/ul

RT: 21.404 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BM036356.D

Acq: 19 Aug 2022 14:22

Instrument :

BNA_M

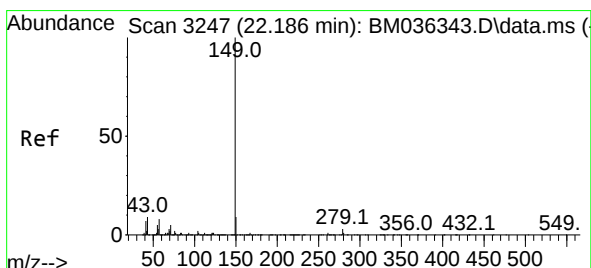
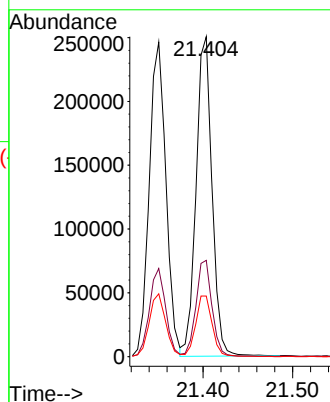
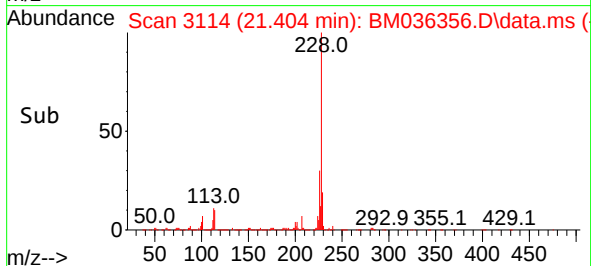
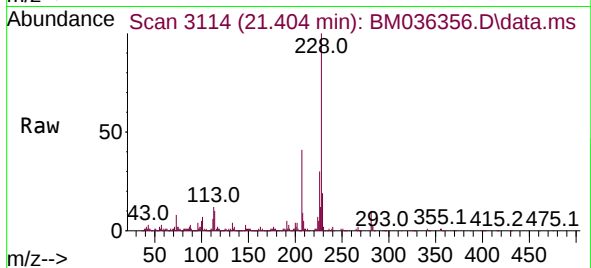
ClientSampleId :

MDL-SOIL-QT2-2022-04

Tgt Ion:228 Resp: 30848
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.7 35.5
 229 18.9 15.5 23.3

Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/22/2022
 Supervised By :Sohil Jodhani 08/24/2022



#89

Di-n-octyl phthalate

Concen: 4.760 ng/ul

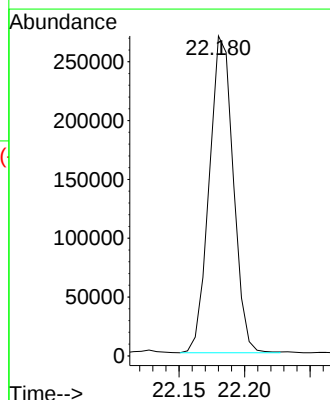
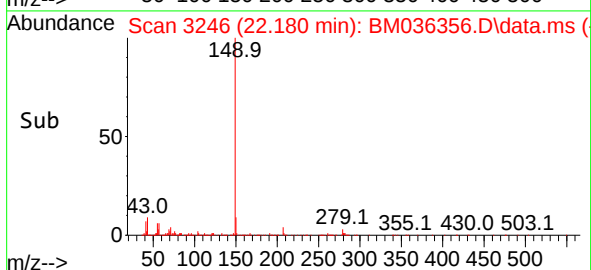
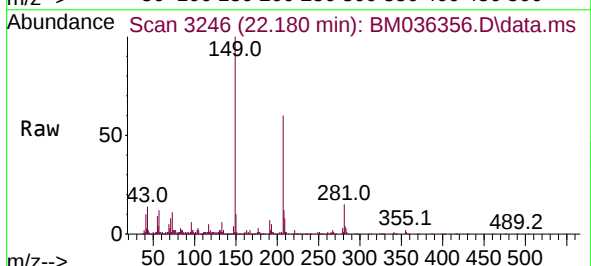
RT: 22.180 min Scan# 3246

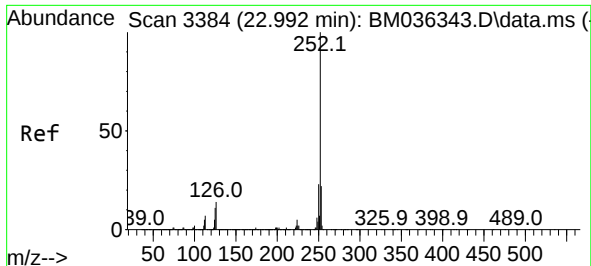
Delta R.T. -0.011 min

Lab File: BM036356.D

Acq: 19 Aug 2022 14:22

Tgt Ion:149 Resp: 344185





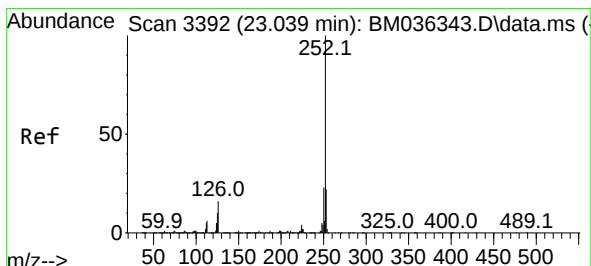
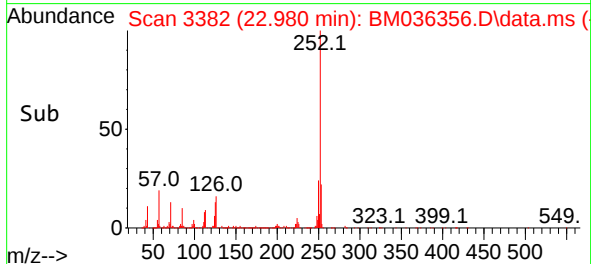
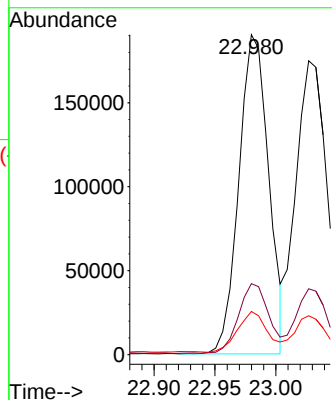
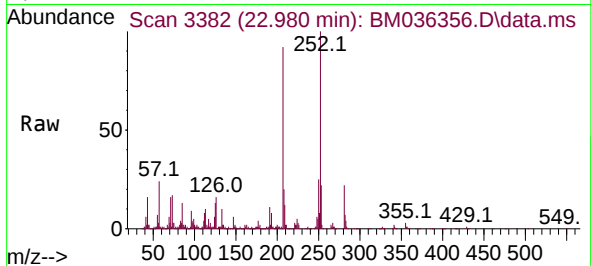
#90
Benzo(b)fluoranthene
Concen: 4.362 ng/ul
RT: 22.980 min Scan# 3384
Delta R.T. -0.017 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04

Tgt Ion:252 Resp: 323433
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 13.5 10.7 16.1

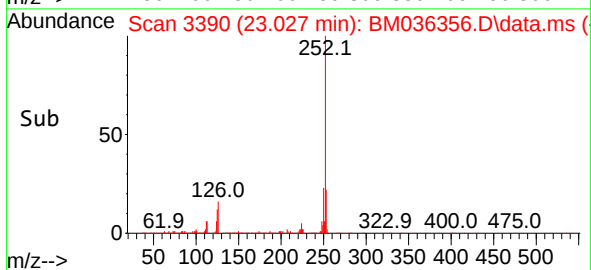
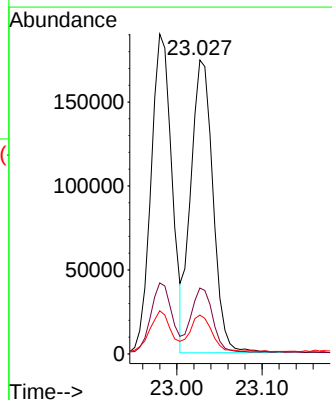
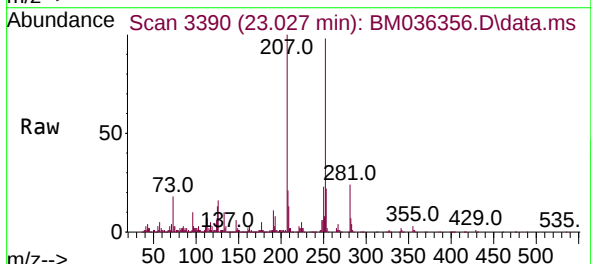
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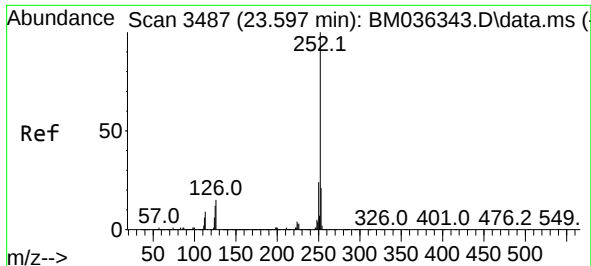
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#91
Benzo(k)fluoranthene
Concen: 4.473 ng/ul
RT: 23.027 min Scan# 3390
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

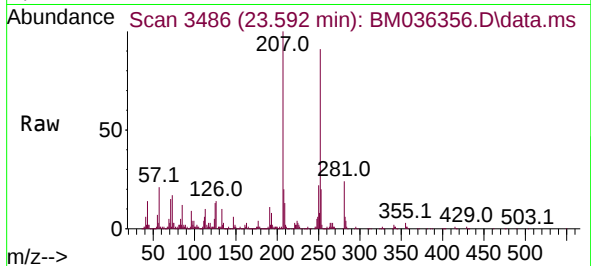
Tgt Ion:252 Resp: 315609
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 13.2 10.6 15.8





#93
Benzo(a)pyrene
Concen: 4.446 ng/ul
RT: 23.592 min Scan# 3486
Delta R.T. -0.011 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

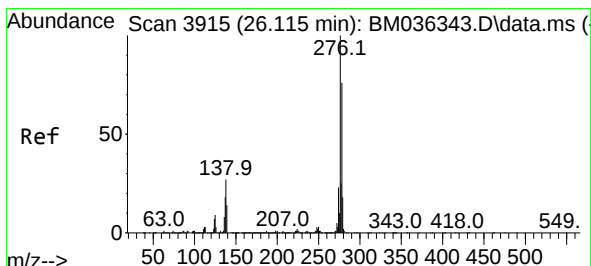
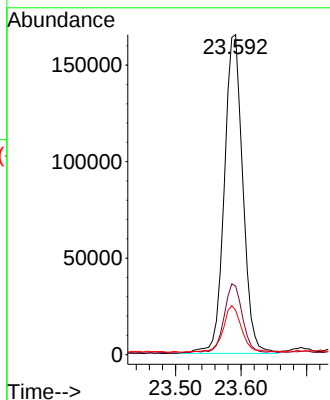
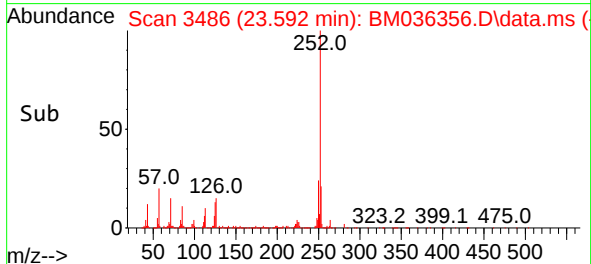
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT2-2022-04



Tgt Ion:252 Resp: 324379
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 13.8 11.8 17.8

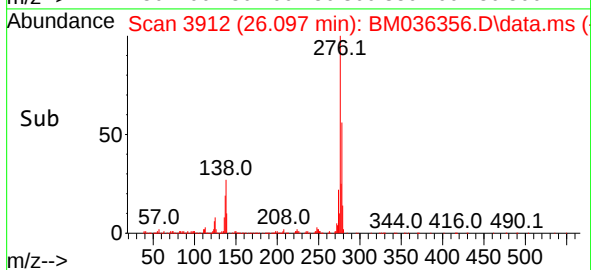
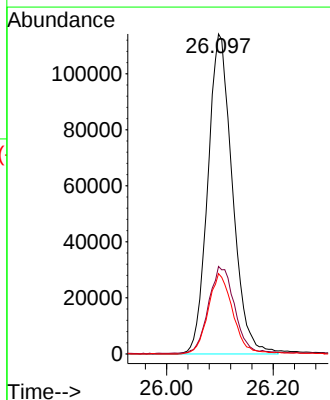
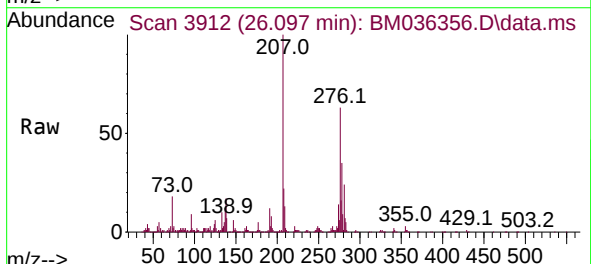
Manual Integrations
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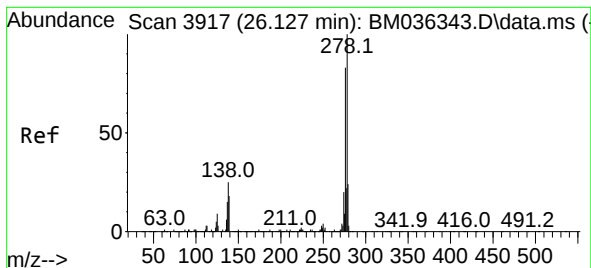
Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.257 ng/ul
RT: 26.097 min Scan# 3912
Delta R.T. -0.017 min
Lab File: BM036356.D
Acq: 19 Aug 2022 14:22

Tgt Ion:276 Resp: 365122
Ion Ratio Lower Upper
276 100
138 27.3 25.6 38.4
277 25.1 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 4.244 ng/ul

RT: 26.115 min Scan# 3917

Delta R.T. -0.017 min

Lab File: BM036356.D

Acq: 19 Aug 2022 14:22

Instrument :

BNA_M

ClientSampleId :

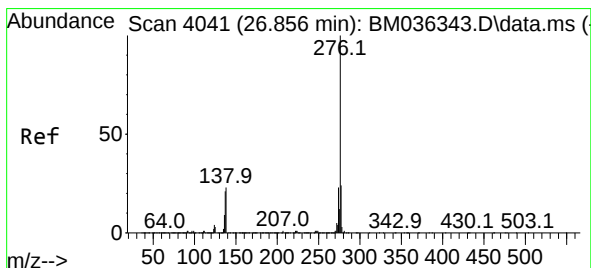
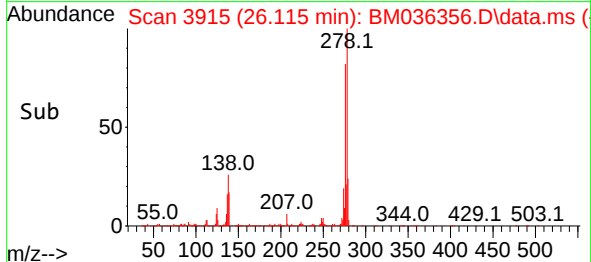
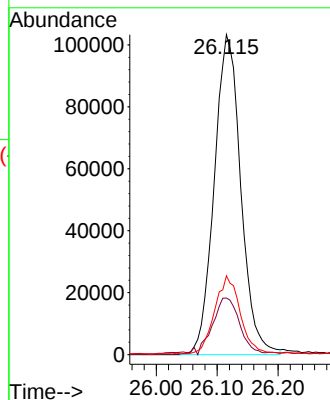
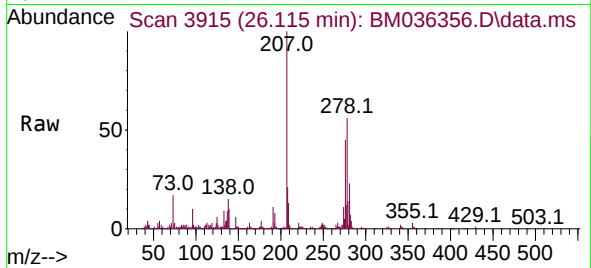
MDL-SOIL-QT2-2022-04

Tgt Ion:	278	Resp:	313572
Ion Ratio	Lower	Upper	
278	100		
139	17.7	16.2	24.2
279	24.6	18.7	28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/24/2022



#96

Benzo(g,h,i)perylene

Concen: 4.173 ng/ul

RT: 26.844 min Scan# 4039

Delta R.T. -0.017 min

Lab File: BM036356.D

Acq: 19 Aug 2022 14:22

Tgt Ion:	276	Resp:	306054
Ion Ratio	Lower	Upper	
276	100		
138	25.8	21.3	31.9
277	23.7	18.6	28.0

