

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
 Data File : BM047542.D
 Acq On : 17 Sep 2024 13:21
 Operator : RC/JU
 Sample : P2403-02
 Misc : LOQ-SOIL-10 ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Quant Time: Sep 17 13:57:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	380364	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1684559	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	956040	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1808861	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1496686	20.000	ng	-0.01
86) Perylene-d12	24.462	264	1402476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2936075	122.905	ng	0.00
7) Phenol-d6	7.010	99	4036487	119.982	ng	0.00
23) Nitrobenzene-d5	8.998	82	2868328	85.214	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1135511	122.878	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	5909234	85.144	ng	0.00
79) Terphenyl-d14	19.827	244	7972634	95.454	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	116892	11.424	ng	100
3) Pyridine	3.722	79	291488	9.570	ng	98
4) n-Nitrosodimethylamine	3.628	42	146416	10.595	ng	# 94
6) Aniline	7.169	93	342409	11.480	ng	97
8) 2-Chlorophenol	7.410	128	254615	9.668	ng	94
9) Benzaldehyde	6.987	77	264128m	16.511	ng	
10) Phenol	7.034	94	332449	9.869	ng	99
11) bis(2-Chloroethyl)ether	7.269	93	272223	10.066	ng	98
12) 1,3-Dichlorobenzene	7.739	146	268505	9.315	ng	97
13) 1,4-Dichlorobenzene	7.881	146	278327	9.480	ng	98
14) 1,2-Dichlorobenzene	8.198	146	269660	9.333	ng	97
15) Benzyl Alcohol	8.081	79	224702	9.860	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.369	45	406946	10.697	ng	98
17) 2-Methylphenol	8.281	107	196722	9.142	ng	98
18) Hexachloroethane	8.934	117	113776	9.701	ng	98
19) n-Nitroso-di-n-propyla...	8.651	70	216667	9.552	ng	99
20) 3+4-Methylphenols	8.610	107	269642	8.980	ng	98
22) Acetophenone	8.663	105	423906	9.572	ng	# 97
24) Nitrobenzene	9.039	77	334227	9.663	ng	96
25) Isophorone	9.569	82	571156	9.652	ng	98
26) 2-Nitrophenol	9.751	139	94209	7.993	ng	97
27) 2,4-Dimethylphenol	9.810	122	130284	7.292	ng	99
28) bis(2-Chloroethoxy)met...	10.051	93	355277	9.558	ng	99
29) 2,4-Dichlorophenol	10.286	162	193981	8.546	ng	98
30) 1,2,4-Trichlorobenzene	10.504	180	224527	8.635	ng	98
31) Naphthalene	10.692	128	812913	8.935	ng	99
32) Benzoic acid	9.904	122	168323	14.922	ng	99
33) 4-Chloroaniline	10.792	127	313646	9.535	ng	96
34) Hexachlorobutadiene	10.986	225	118601	8.235	ng	96
35) Caprolactam	11.551	113	64740	8.659	ng	93
36) 4-Chloro-3-methylphenol	11.916	107	223090	8.576	ng	97
37) 2-Methylnaphthalene	12.304	142	519382	8.577	ng	98
38) 1-Methylnaphthalene	12.522	142	484934	8.059	ng	99
40) 1,2,4,5-Tetrachloroben...	12.669	216	227096	8.778	ng	98
41) Hexachlorocyclopentadiene	12.657	237	53719	6.352	ng	97
43) 2,4,6-Trichlorophenol	12.910	196	133189	8.218	ng	96

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Instrument :
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Quant Time: Sep 17 13:57:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	148748	8.126	ng	98
46) 1,1'-Biphenyl	13.316	154	685440	9.215	ng	99
47) 2-Chloronaphthalene	13.351	162	509819	8.827	ng	98
48) 2-Nitroaniline	13.545	65	145370	8.569	ng	94
49) Acenaphthylene	14.198	152	800766	9.607	ng	99
50) Dimethylphthalate	13.933	163	587833	9.021	ng	100
51) 2,6-Dinitrotoluene	14.039	165	112038	8.145	ng	88
52) Acenaphthene	14.539	154	496725	8.506	ng	98
53) 3-Nitroaniline	14.368	138	133718	8.746	ng	95
54) 2,4-Dinitrophenol	14.574	184	41708	10.495	ng	97
55) Dibenzofuran	14.874	168	726673	8.855	ng	96
56) 4-Nitrophenol	14.668	139	107804	8.568	ng	97
57) 2,4-Dinitrotoluene	14.827	165	145621	7.937	ng	90
58) Fluorene	15.521	166	610980	8.269	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	117335	8.221	ng	94
60) Diethylphthalate	15.298	149	611056	8.811	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	266031	7.875	ng	94
62) 4-Nitroaniline	15.521	138	139660	7.771	ng	94
63) Azobenzene	15.810	77	745618	9.764	ng	96
65) 4,6-Dinitro-2-methylph...	15.586	198	75136	14.109	ng	95
66) n-Nitrosodiphenylamine	15.727	169	473457	8.556	ng	97
67) 4-Bromophenyl-phenylether	16.410	248	139820	7.955	ng	97
68) Hexachlorobenzene	16.521	284	161878	8.130	ng	91
69) Atrazine	16.674	200	137338	8.980	ng	98
70) Pentachlorophenol	16.862	266	161431	13.986	ng	98
71) Phenanthrene	17.257	178	861981	8.647	ng	99
72) Anthracene	17.345	178	805479	8.410	ng	100
73) Carbazole	17.609	167	802750	8.458	ng	100
74) Di-n-butylphthalate	18.180	149	956476	8.422	ng	99
75) Fluoranthene	19.262	202	855927	7.870	ng	97
77) Benzidine	19.439	184	275492	13.070	ng	99
78) Pyrene	19.621	202	911693	8.351	ng	99
80) Butylbenzylphthalate	20.521	149	340571	8.104	ng	95
81) Benzo(a)anthracene	21.415	228	900015	9.226	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	242101	9.329	ng	# 98
83) Chrysene	21.480	228	821190	8.900	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	571643	8.683	ng	97
85) Di-n-octyl phthalate	22.497	149	831916	8.933	ng	97
87) Indeno(1,2,3-cd)pyrene	27.879	276	798975	9.519	ng	97
88) Benzo(b)fluoranthene	23.503	252	760836	8.385	ng	98
89) Benzo(k)fluoranthene	23.568	252	803014	8.929	ng	97
90) Benzo(a)pyrene	24.315	252	685001	9.210	ng	# 97
91) Dibenzo(a,h)anthracene	27.932	278	646031	9.149	ng	98
92) Benzo(g,h,i)perylene	28.932	276	610970	8.857	ng	# 93

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

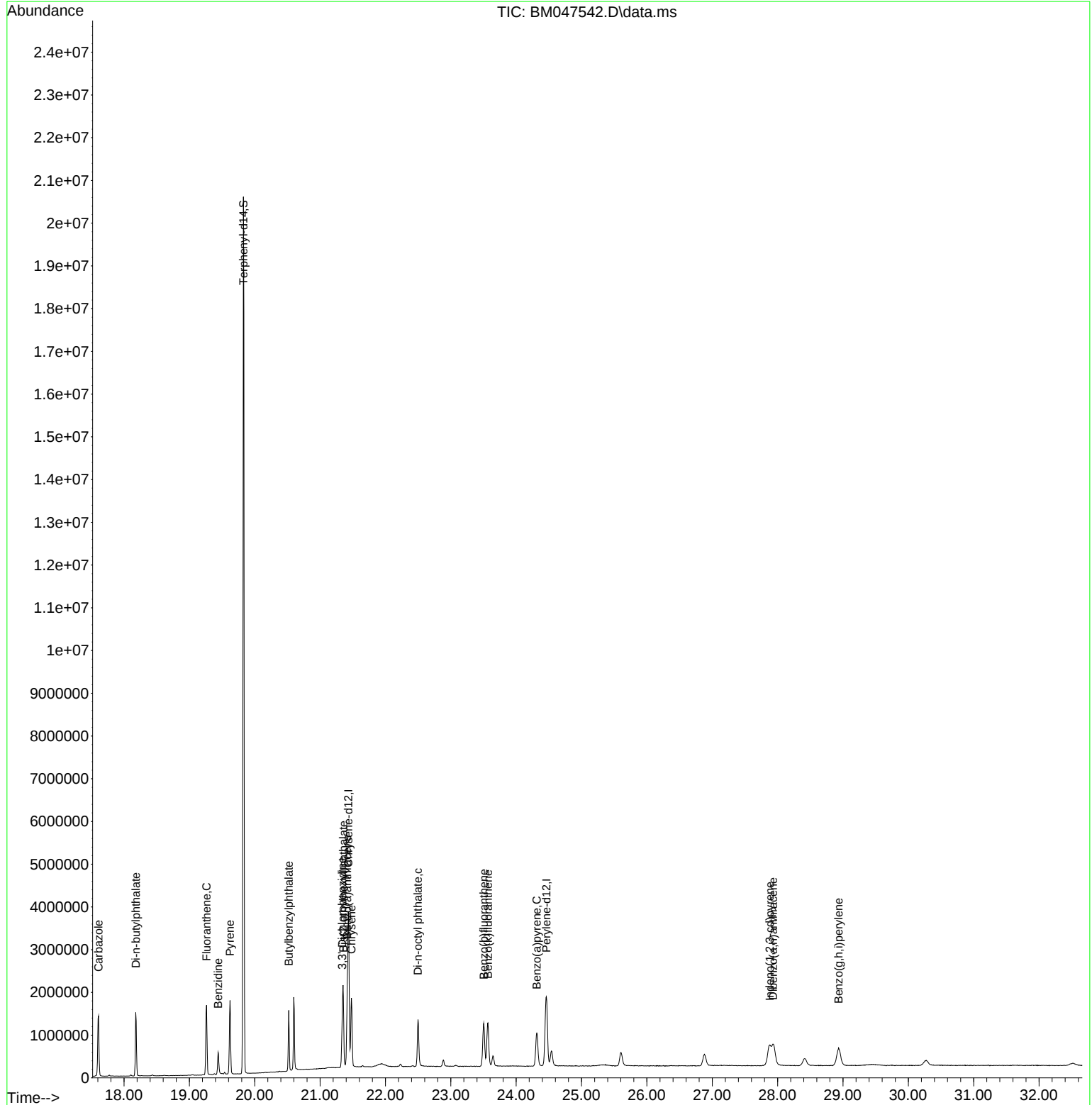
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
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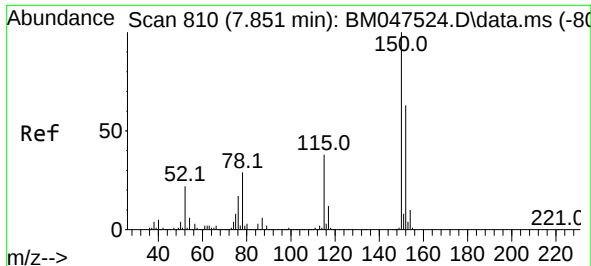
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Quant Time: Sep 17 13:57:36 2024
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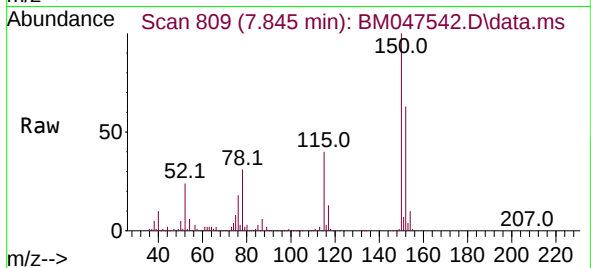
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

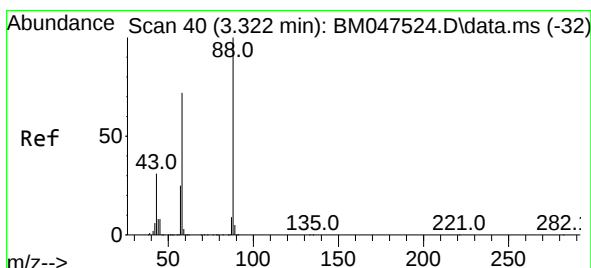
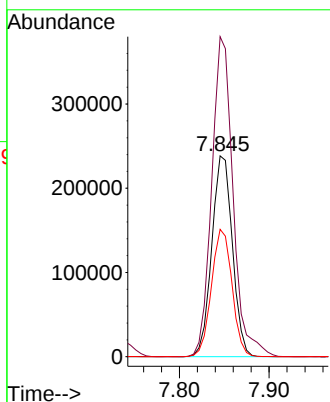
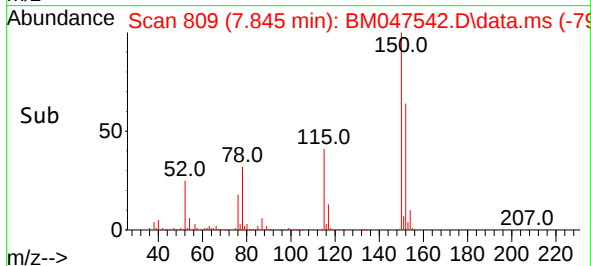
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:152 Resp: 380364
Ion Ratio Lower Upper
152 100
150 159.3 126.8 190.2
115 63.4 47.8 71.8

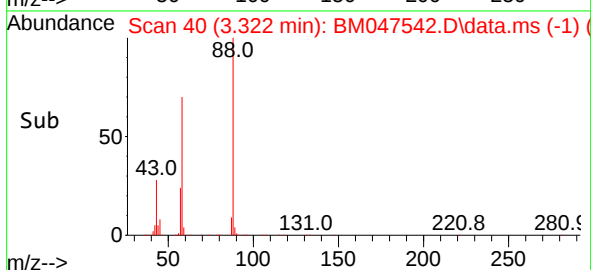
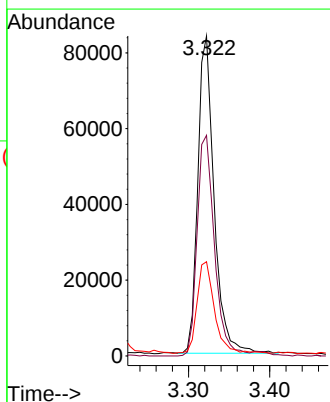
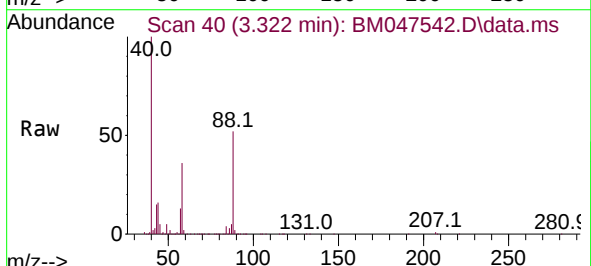
Manual Integrations
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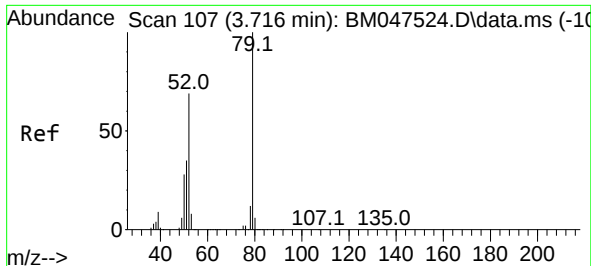
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#2
1,4-Dioxane
Concen: 11.424 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

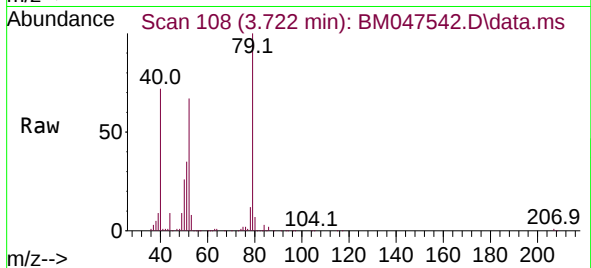
Tgt Ion: 88 Resp: 116892
Ion Ratio Lower Upper
88 100
58 74.0 59.0 88.6
43 31.0 25.0 37.4





#3
Pyridine
Concen: 9.570 ng
RT: 3.722 min Scan# 107
Delta R.T. 0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

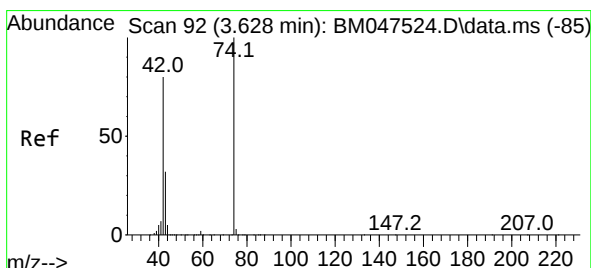
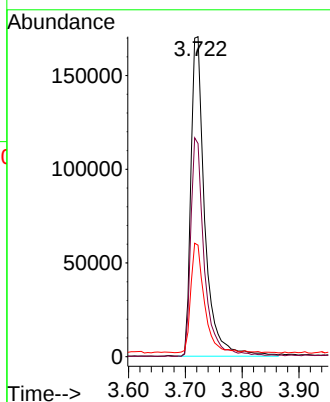
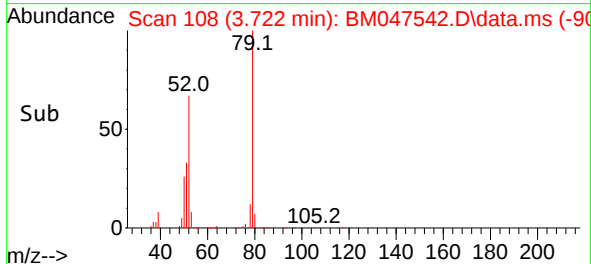
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 79 Resp: 291488
Ion Ratio Lower Upper
79 100
52 66.6 55.4 83.0
51 34.9 27.9 41.9

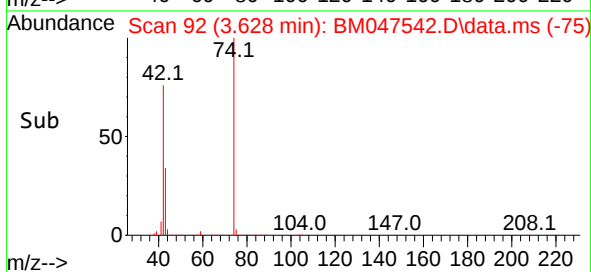
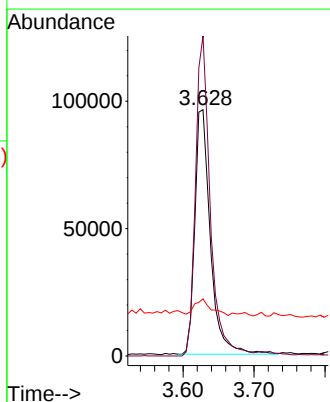
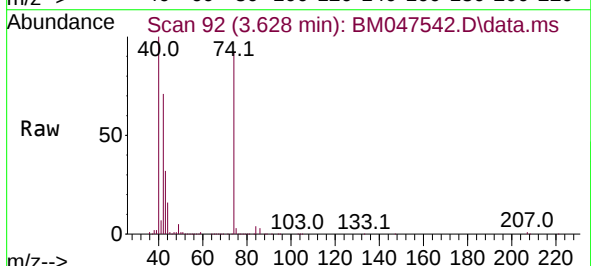
Manual Integrations
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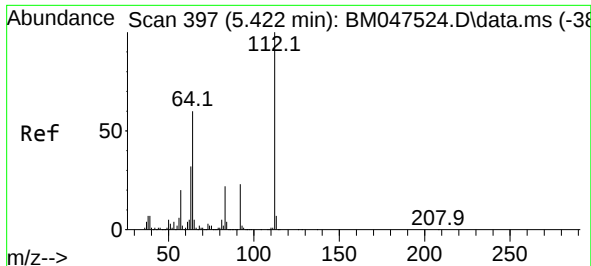
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#4
n-Nitrosodimethylamine
Concen: 10.595 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

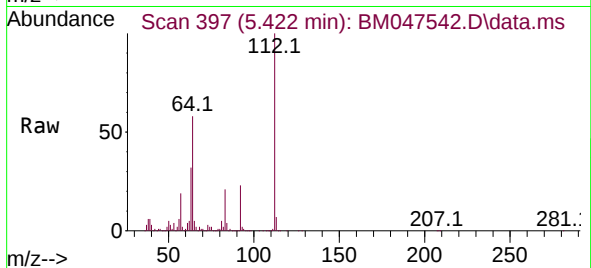
Tgt Ion: 42 Resp: 146416
Ion Ratio Lower Upper
42 100
74 130.0 100.5 150.7
44 23.2 6.9 10.3





#5
2-Fluorophenol
Concen: 122.905 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

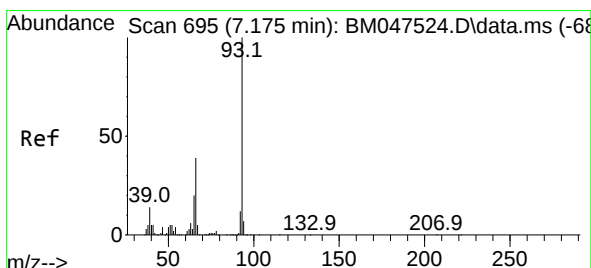
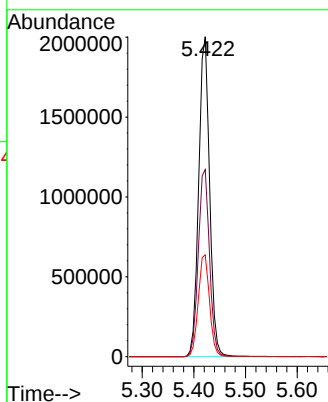
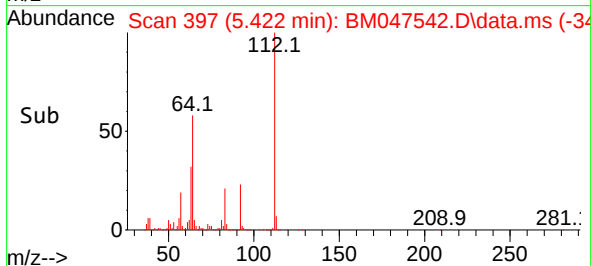
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 112 Resp: 2936079
Ion Ratio Lower Upper
112 100
64 58.5 48.2 72.4
63 31.8 26.0 39.0

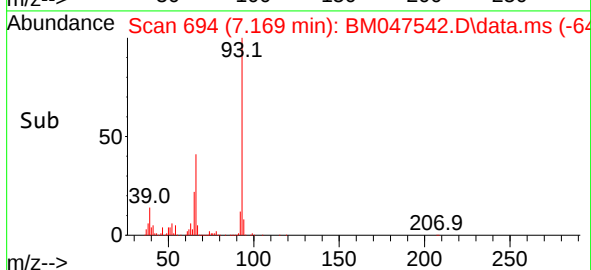
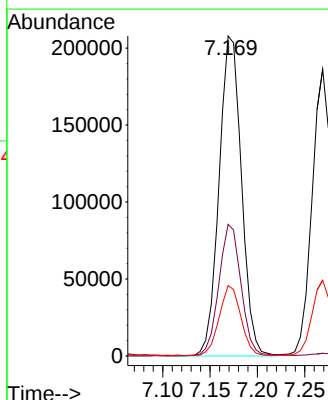
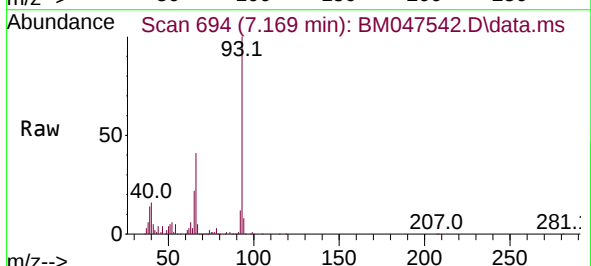
Manual Integrations
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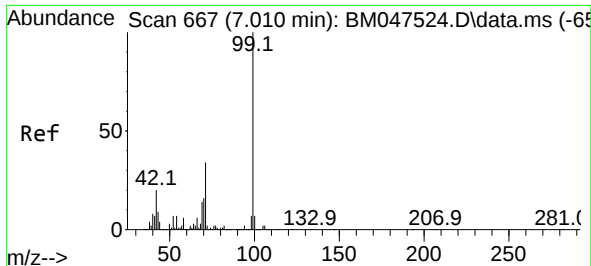
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#6
Aniline
Concen: 11.480 ng
RT: 7.169 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

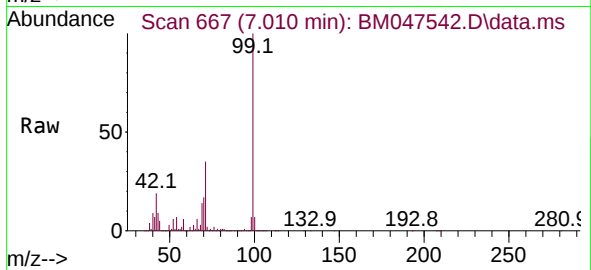
Tgt Ion: 93 Resp: 342409
Ion Ratio Lower Upper
93 100
66 41.2 31.4 47.0
65 22.0 16.3 24.5





#7
Phenol-d6
Concen: 119.982 ng
RT: 7.010 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

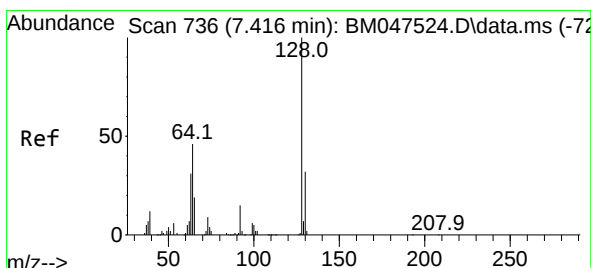
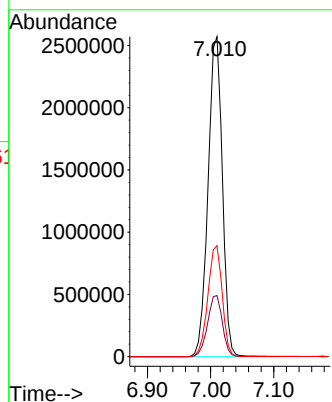
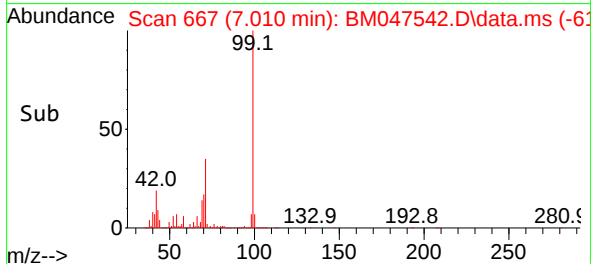
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 99 Resp: 403648
Ion Ratio Lower Upper
99 100
42 19.1 15.8 23.8
71 34.7 27.6 41.4

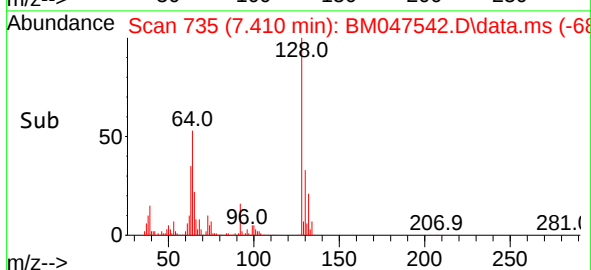
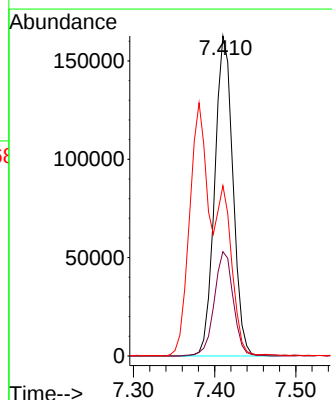
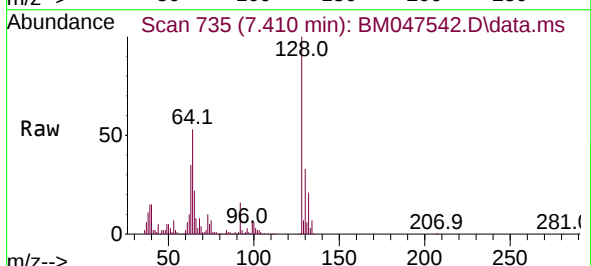
Manual Integrations
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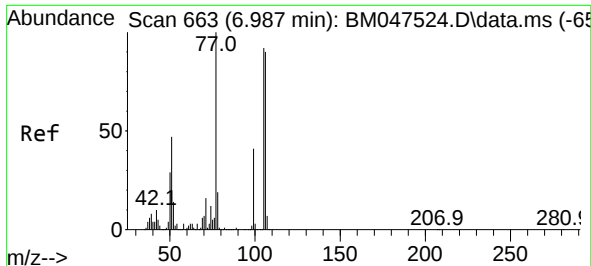
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#8
2-Chlorophenol
Concen: 9.668 ng
RT: 7.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

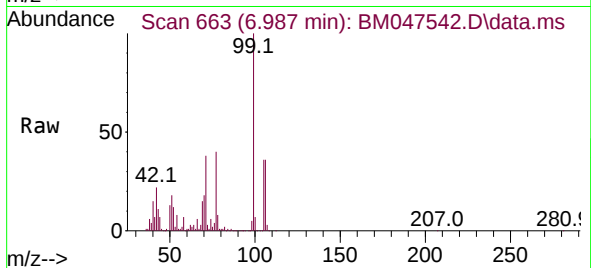
Tgt Ion:128 Resp: 254615
Ion Ratio Lower Upper
128 100
130 32.6 11.8 51.8
64 53.2 27.6 67.6





#9
Benzaldehyde
Concen: 16.511 ng m
RT: 6.987 min Scan# 663
Delta R.T. 0.000 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

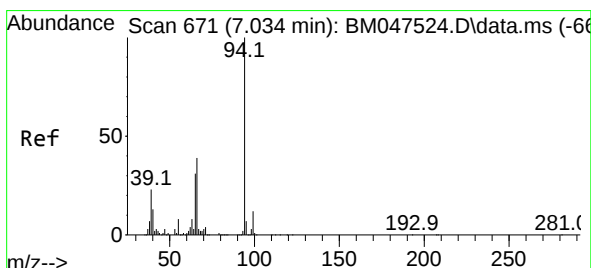
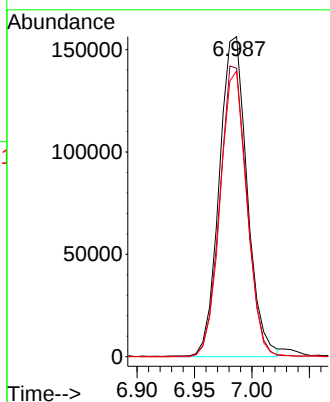
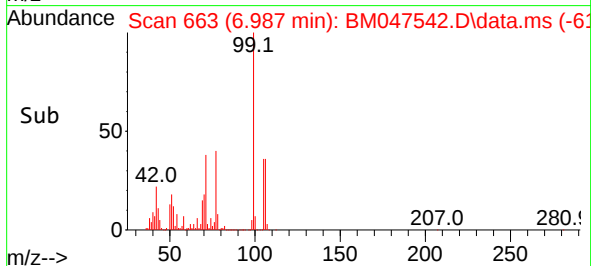
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 77 Resp: 264128
Ion Ratio Lower Upper
77 100
105 90.2 71.8 111.8
106 89.3 69.7 109.7

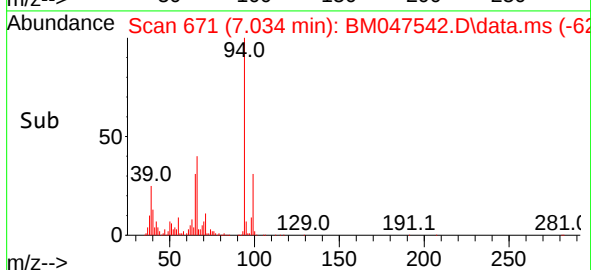
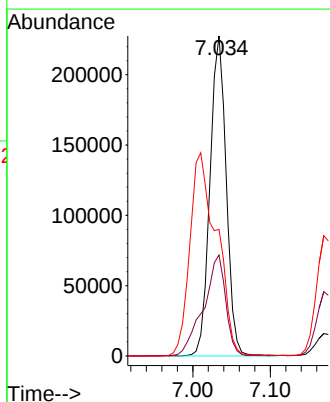
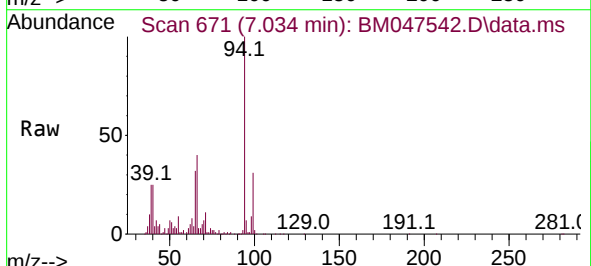
Manual Integrations
APPROVED

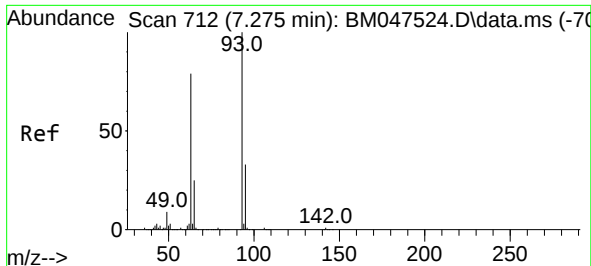
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#10
Phenol
Concen: 9.869 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

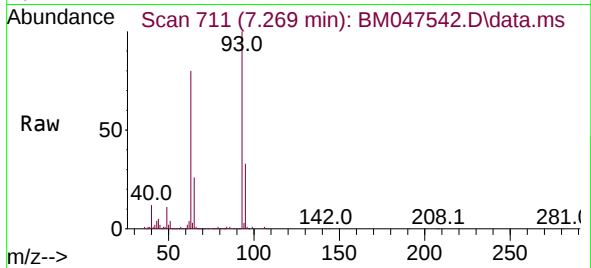
Tgt Ion: 94 Resp: 332449
Ion Ratio Lower Upper
94 100
65 31.5 10.8 50.8
66 39.5 19.2 59.2





#11
bis(2-Chloroethyl)ether
Concen: 10.066 ng
RT: 7.269 min Scan# 712
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

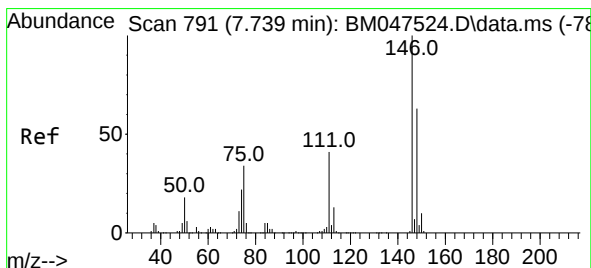
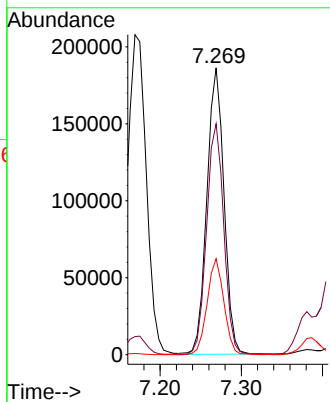
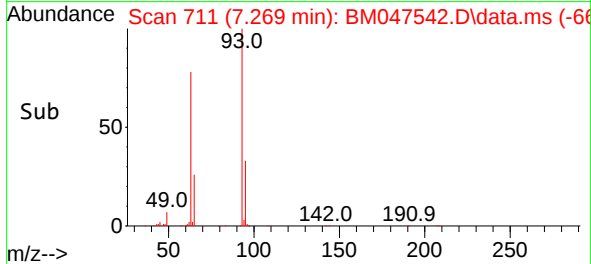
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 93 Resp: 27222
Ion Ratio Lower Upper
93 100
63 80.5 58.2 98.2
95 33.5 12.8 52.8

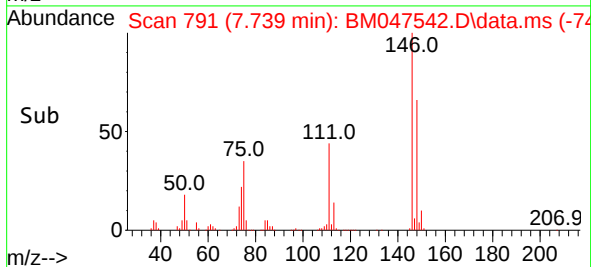
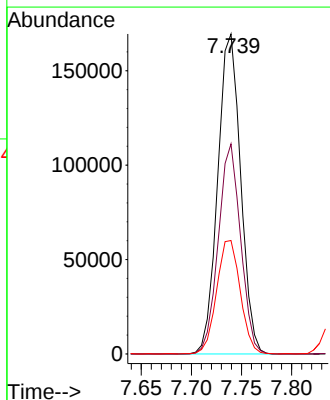
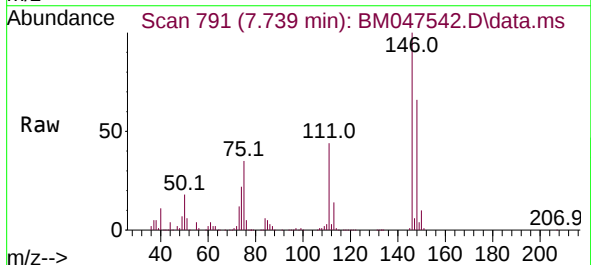
Manual Integrations
APPROVED

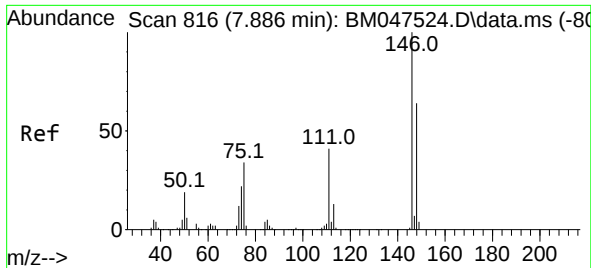
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#12
1,3-Dichlorobenzene
Concen: 9.315 ng
RT: 7.739 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

Tgt Ion:146 Resp: 268505
Ion Ratio Lower Upper
146 100
148 65.7 50.2 75.4
75 35.5 27.4 41.0





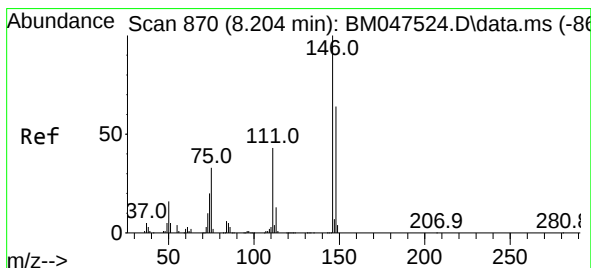
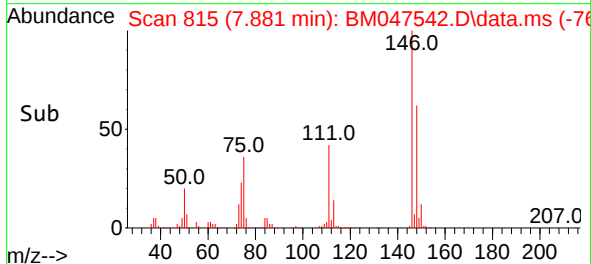
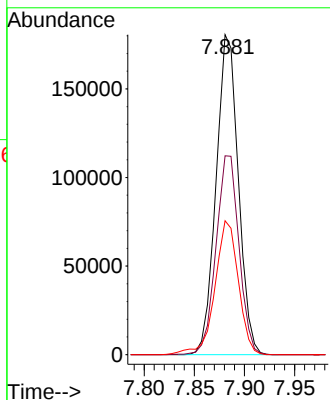
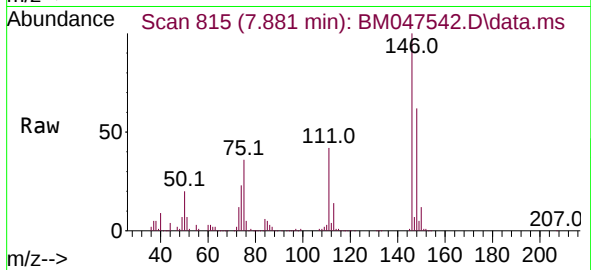
#13
1,4-Dichlorobenzene
Concen: 9.480 ng
RT: 7.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:146 Resp: 27832
Ion Ratio Lower Upper
146 100
148 62.1 51.3 76.9
111 41.9 32.9 49.3

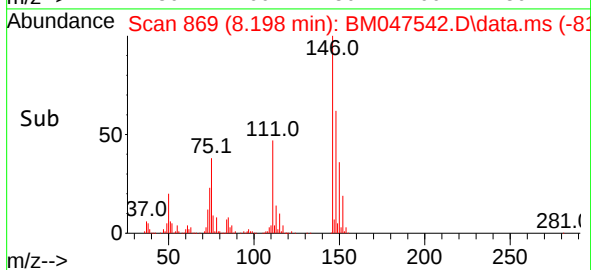
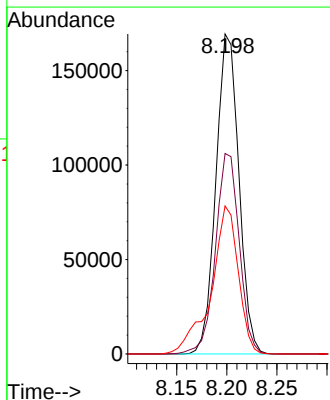
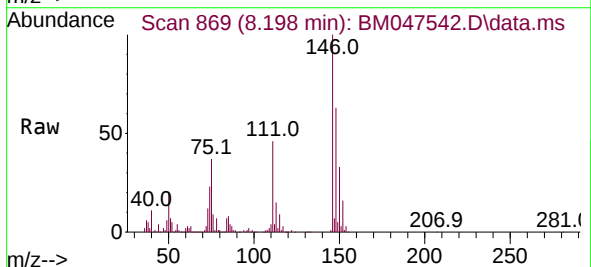
Manual Integrations
APPROVED

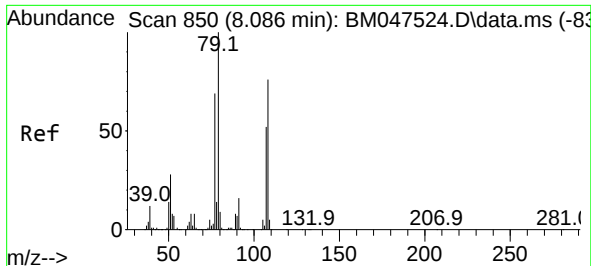
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#14
1,2-Dichlorobenzene
Concen: 9.333 ng
RT: 8.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

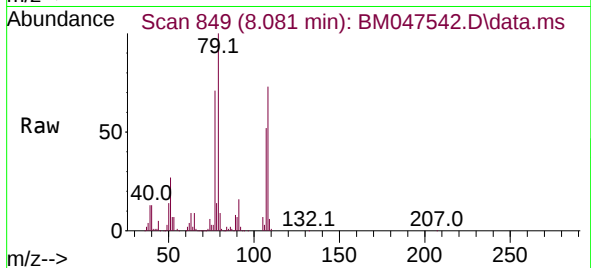
Tgt Ion:146 Resp: 269660
Ion Ratio Lower Upper
146 100
148 62.7 51.1 76.7
111 46.3 34.7 52.1





#15
Benzyl Alcohol
Concen: 9.860 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

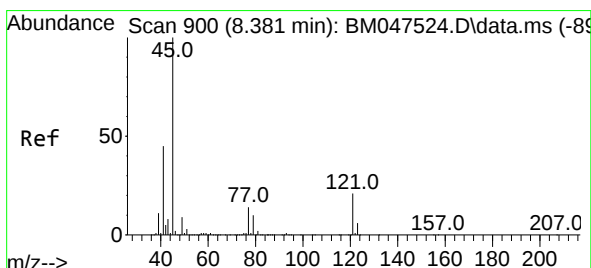
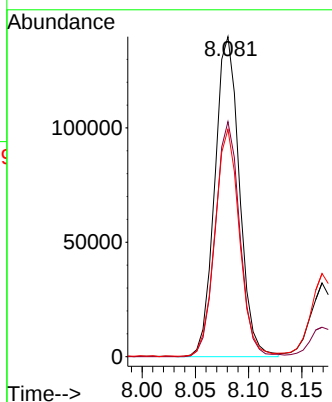
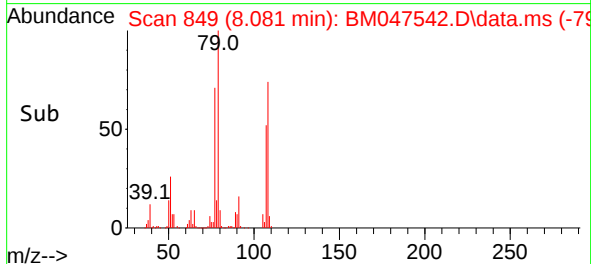
Instrument : BNA_M
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion: 79 Resp: 224702
Ion Ratio Lower Upper
79 100
108 73.5 60.6 91.0
77 71.1 55.0 82.4

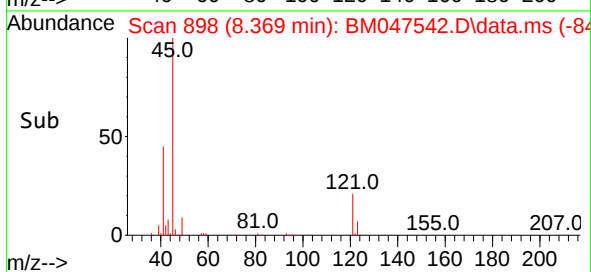
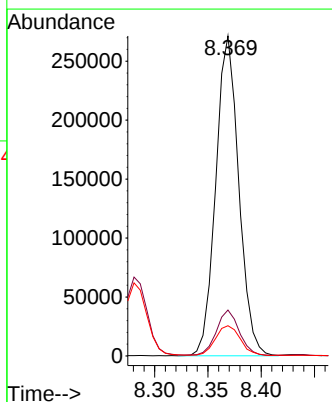
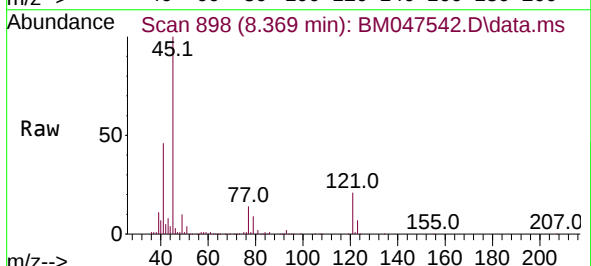
Manual Integrations
APPROVED

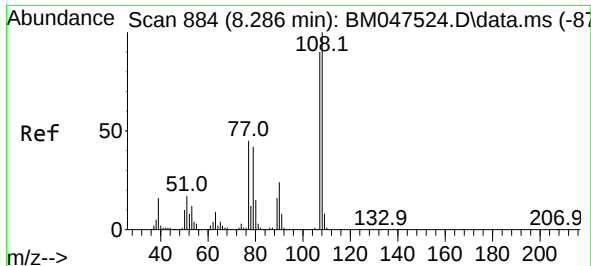
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.697 ng
RT: 8.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

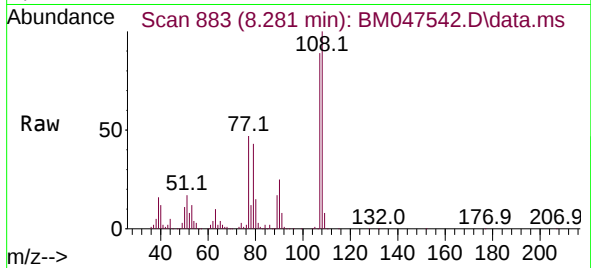
Tgt Ion: 45 Resp: 406946
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.7
79 9.5 0.0 30.3





#17
2-Methylphenol
Concen: 9.142 ng
RT: 8.281 min Scan# 884
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

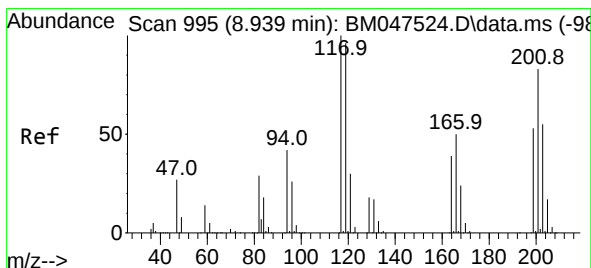
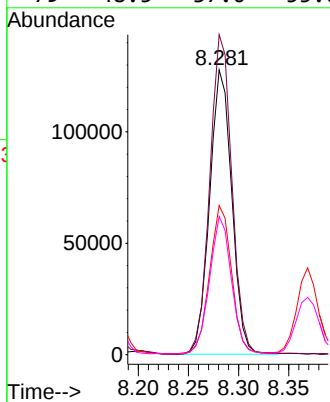
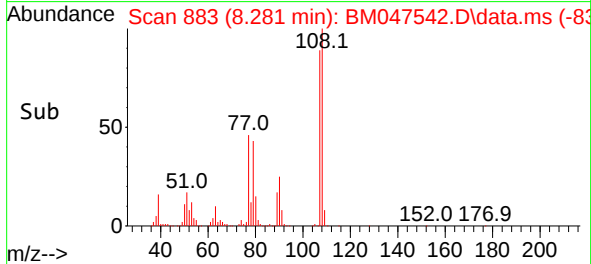
Instrument : BNA_M
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion:	107	Resp:	19672
Ion Ratio	Lower	Upper	
107	100		
108	112.3	88.9	133.3
77	52.3	39.8	59.8
79	48.5	37.0	55.6

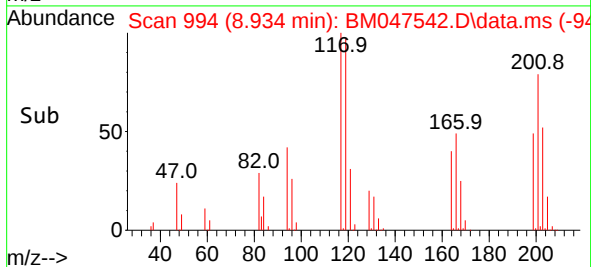
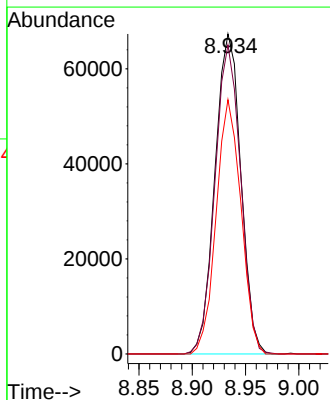
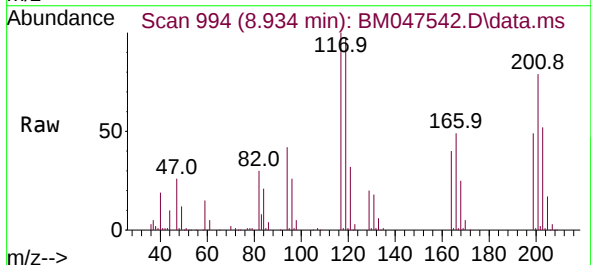
Manual Integrations
APPROVED

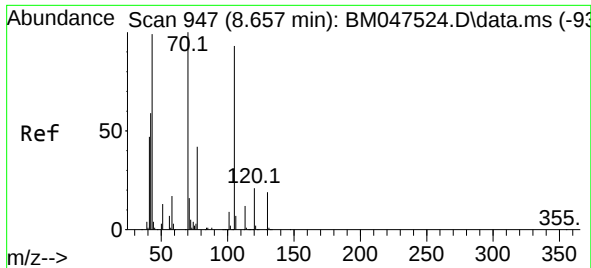
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#18
Hexachloroethane
Concen: 9.701 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

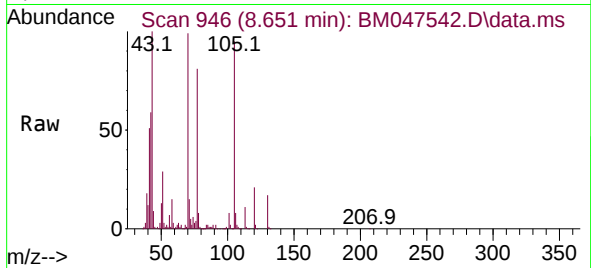
Tgt Ion:	117	Resp:	113776
Ion Ratio	Lower	Upper	
117	100		
119	96.6	77.0	115.4
201	79.5	66.8	100.2





#19
n-Nitroso-di-n-propylamine
Concen: 9.552 ng
RT: 8.651 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

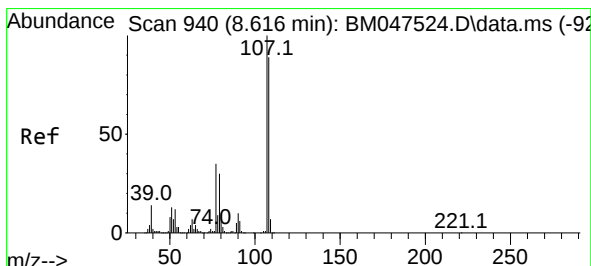
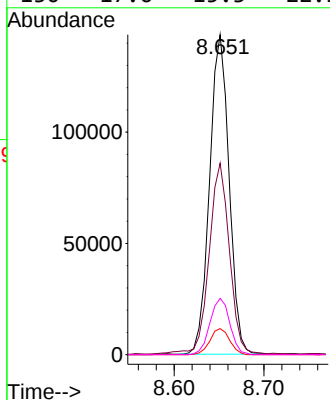
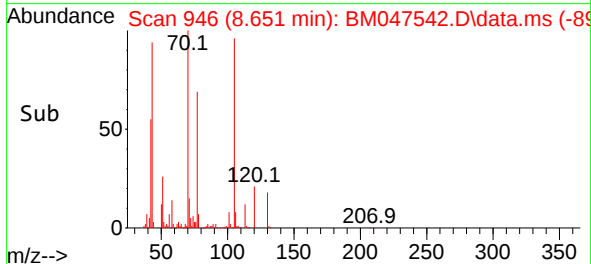
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:	70	Resp:	21666
Ion Ratio	100	Lower	Upper
70	100		
42	59.9	48.2	72.2
101	8.2	7.0	10.4
130	17.6	15.3	22.9

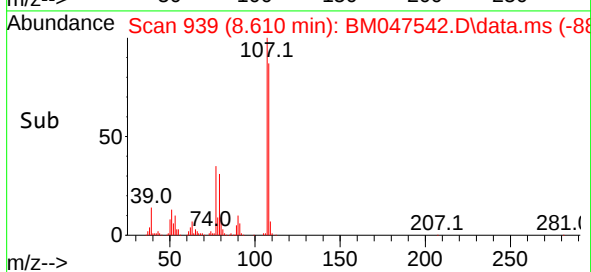
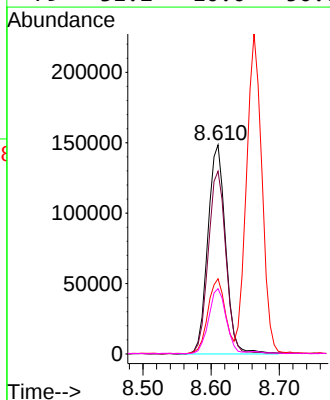
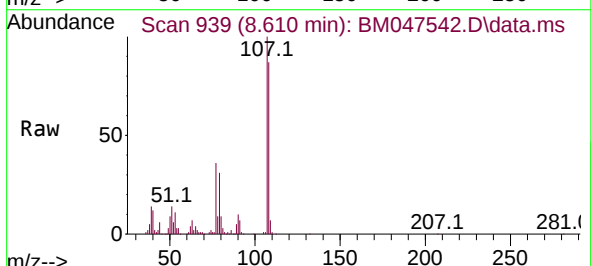
Manual Integrations
APPROVED

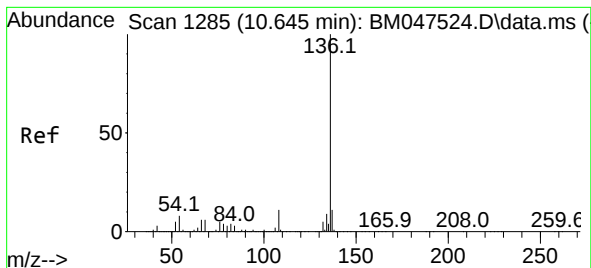
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#20
3+4-Methylphenols
Concen: 8.980 ng
RT: 8.610 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

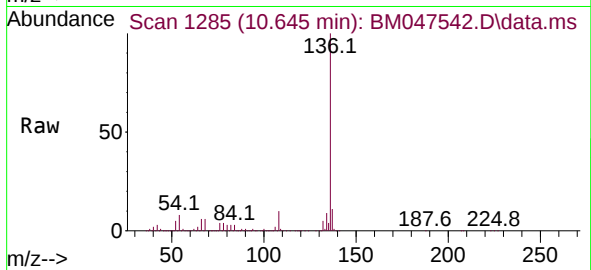
Tgt Ion:	107	Resp:	269642
Ion Ratio	100	Lower	Upper
107	100		
108	87.4	68.9	108.9
77	35.9	15.5	55.5
79	31.2	10.0	50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

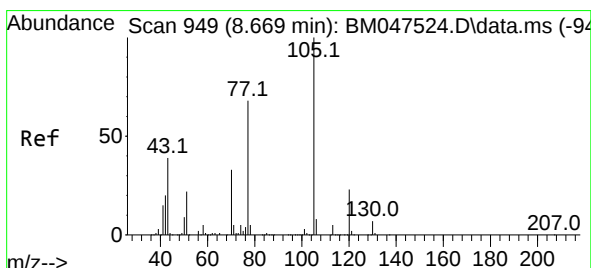
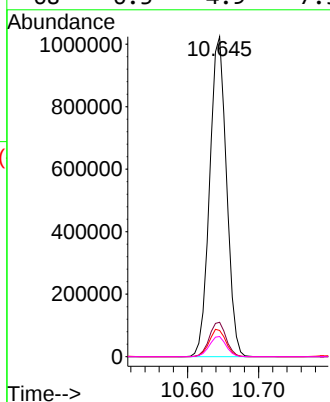
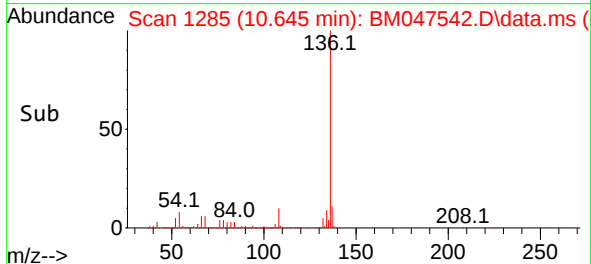
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:136 Resp: 168455
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 8.2 6.6 9.8
68 6.3 4.9 7.3

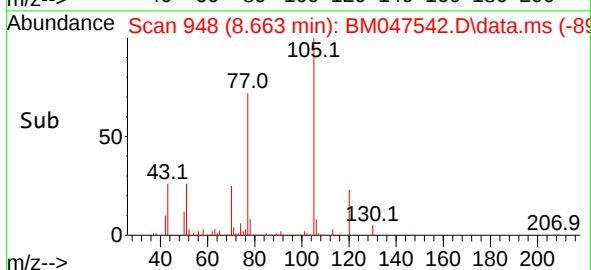
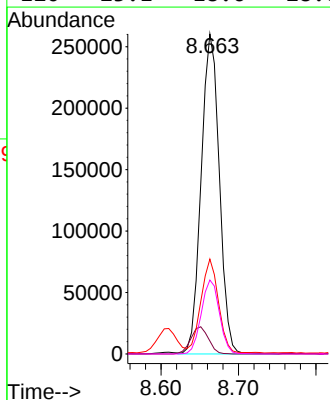
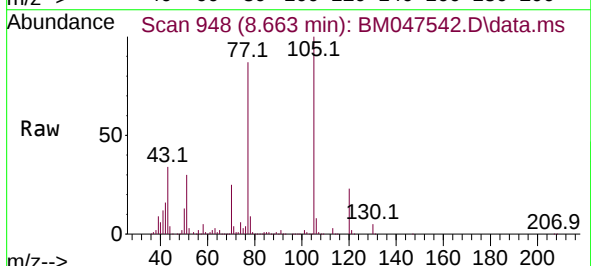
Manual Integrations
APPROVED

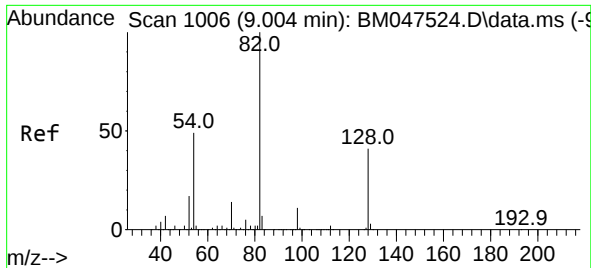
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#22
Acetophenone
Concen: 9.572 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

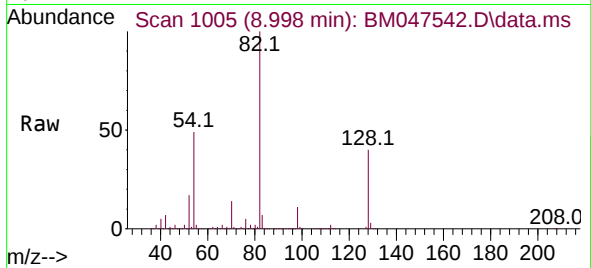
Tgt Ion:105 Resp: 423906
Ion Ratio Lower Upper
105 100
71 4.1 4.3 6.5#
51 29.6 21.5 32.3
120 23.1 18.6 28.0





#23
Nitrobenzene-d5
Concen: 85.214 ng
RT: 8.998 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

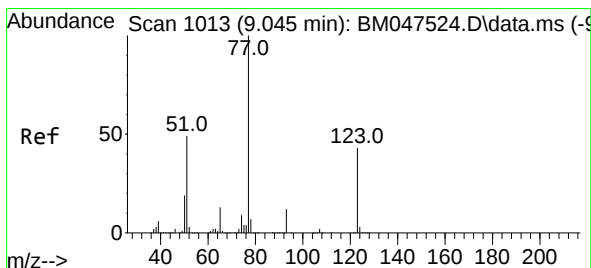
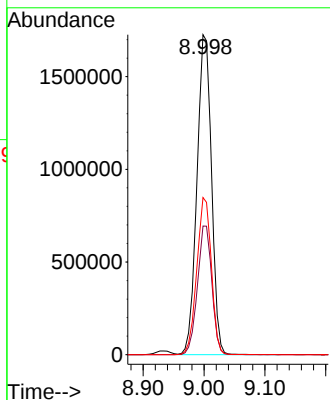
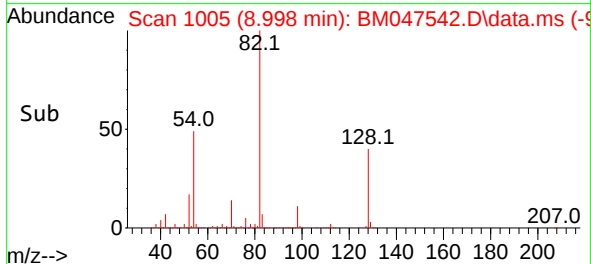
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 82 Resp: 2868328
Ion Ratio Lower Upper
82 100
128 40.2 33.0 49.4
54 49.1 39.3 58.9

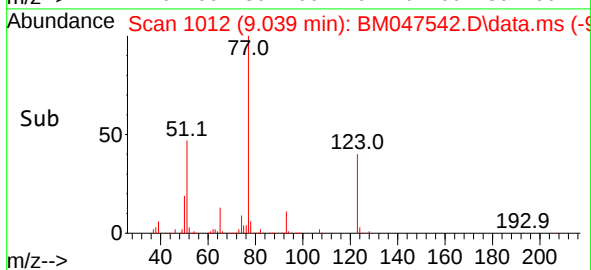
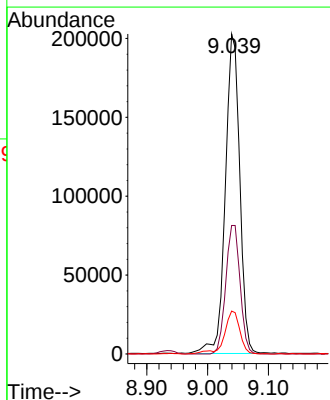
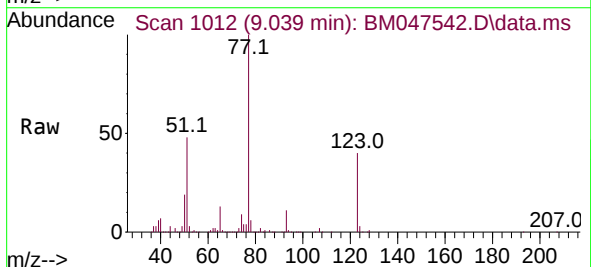
Manual Integrations
APPROVED

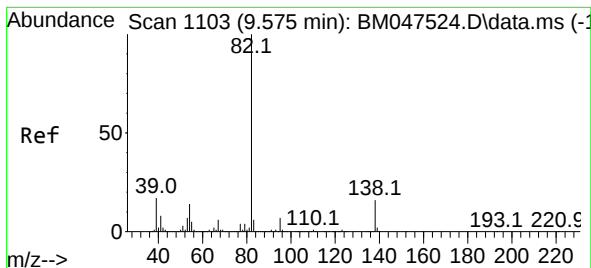
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#24
Nitrobenzene
Concen: 9.663 ng
RT: 9.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

Tgt Ion: 77 Resp: 334227
Ion Ratio Lower Upper
77 100
123 40.2 34.5 51.7
65 13.4 10.7 16.1





#25

Isophorone

Concen: 9.652 ng

RT: 9.569 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion: 82 Resp: 571150

Ion Ratio Lower Upper

82 100

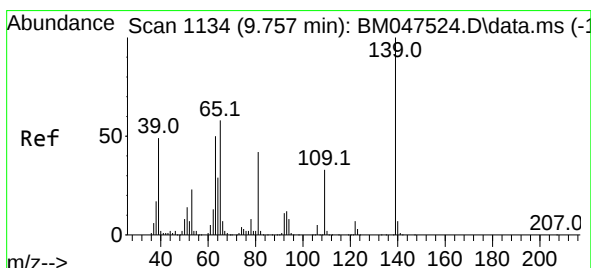
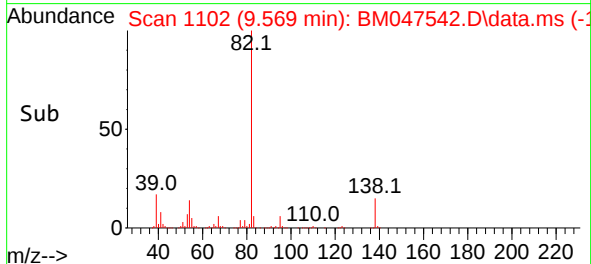
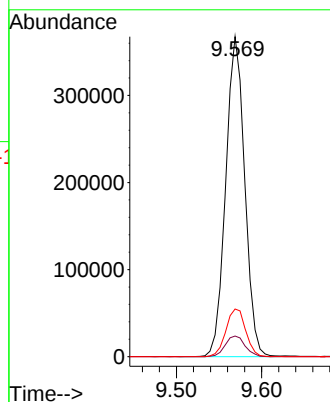
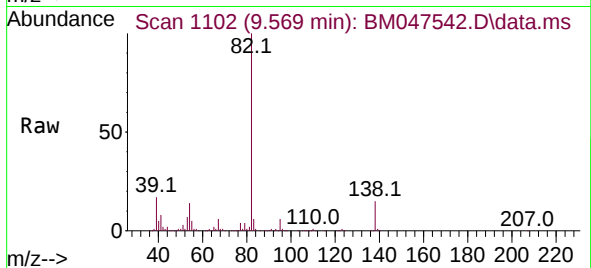
95 6.4 5.4 8.0

138 14.9 12.9 19.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#26

2-Nitrophenol

Concen: 7.993 ng

RT: 9.751 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

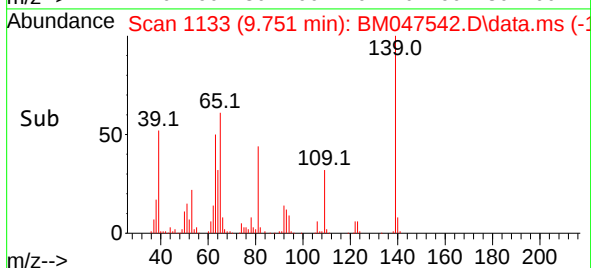
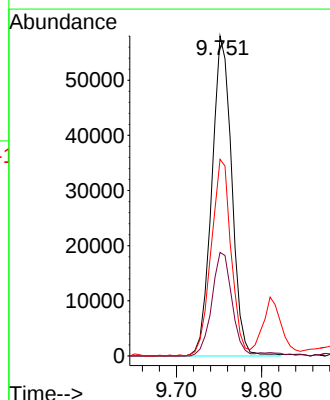
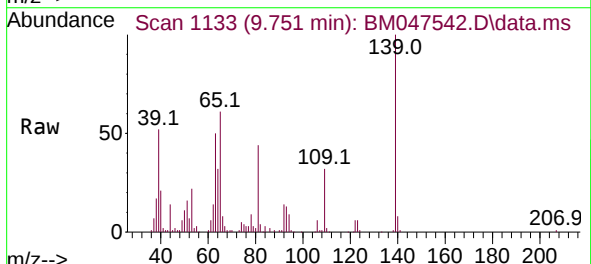
Tgt Ion:139 Resp: 94209

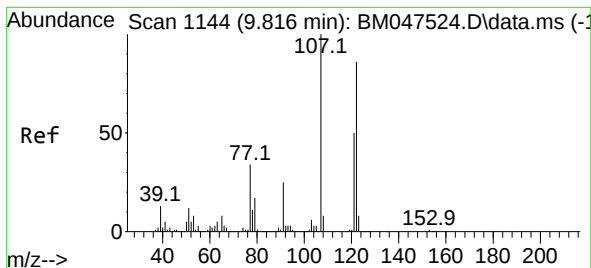
Ion Ratio Lower Upper

139 100

109 32.4 26.0 39.0

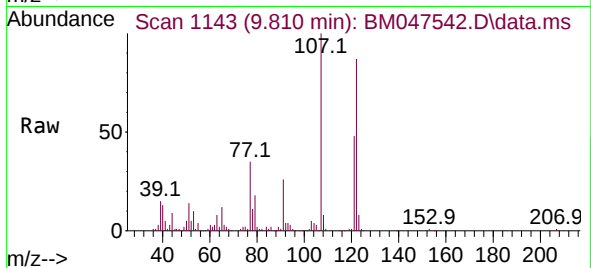
65 61.5 46.2 69.4





#27
2,4-Dimethylphenol
Concen: 7.292 ng
RT: 9.810 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

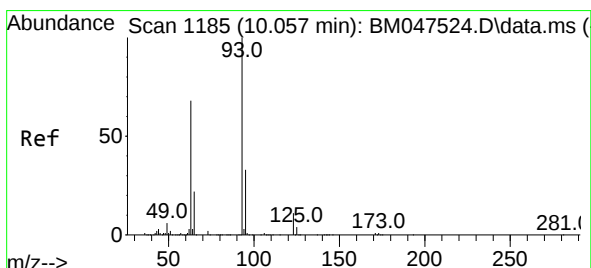
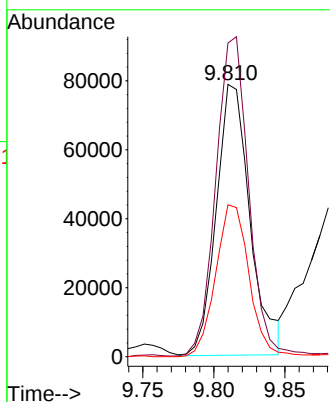
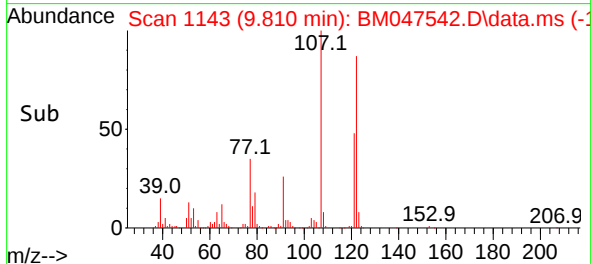
Instrument : BNA_M
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion:122 Resp: 130284
Ion Ratio Lower Upper
122 100
107 115.2 92.4 138.6
121 55.7 46.2 69.4

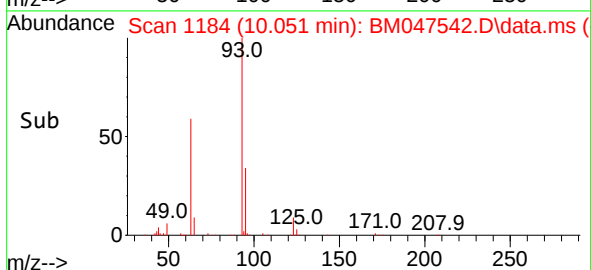
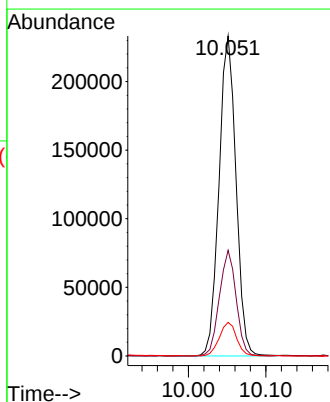
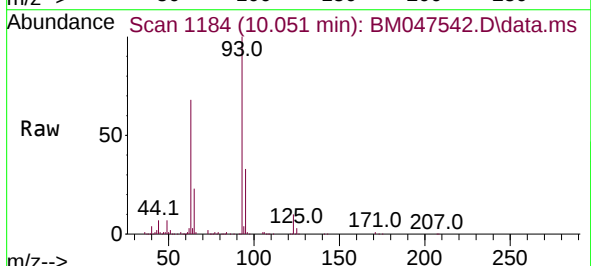
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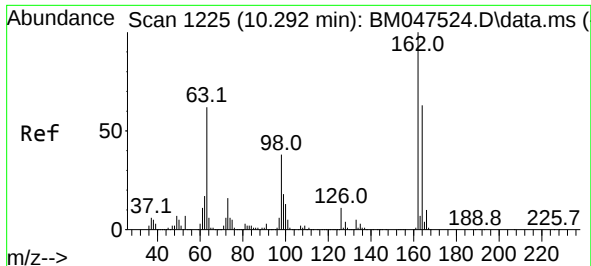
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 9.558 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

Tgt Ion: 93 Resp: 355277
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.2
123 10.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 8.546 ng

RT: 10.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:162 Resp: 19398

Ion Ratio Lower Upper

162 100

164 62.4 43.5 83.5

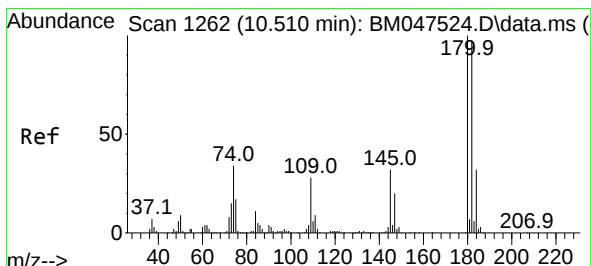
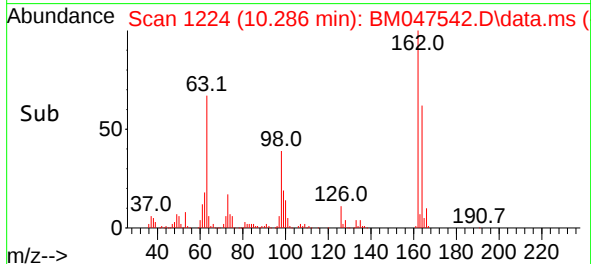
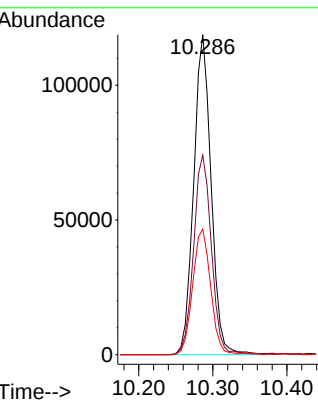
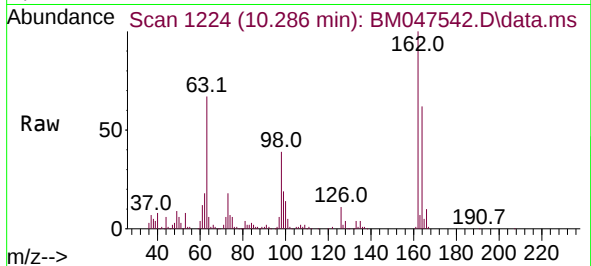
98 39.2 17.6 57.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#30

1,2,4-Trichlorobenzene

Concen: 8.635 ng

RT: 10.504 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

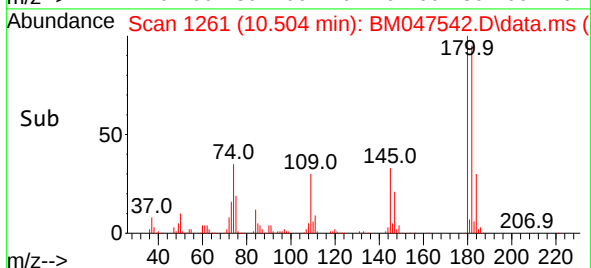
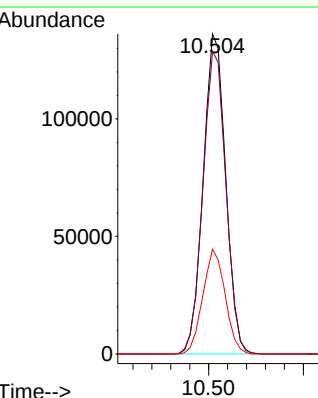
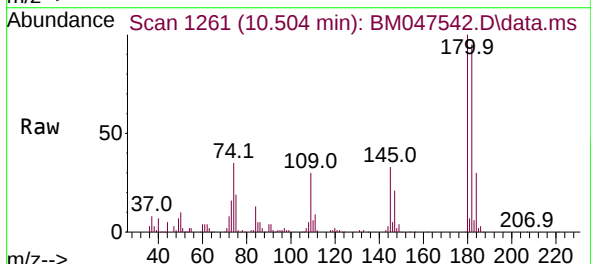
Tgt Ion:180 Resp: 224527

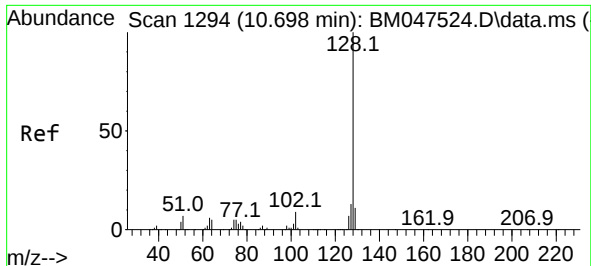
Ion Ratio Lower Upper

180 100

182 94.5 77.6 116.4

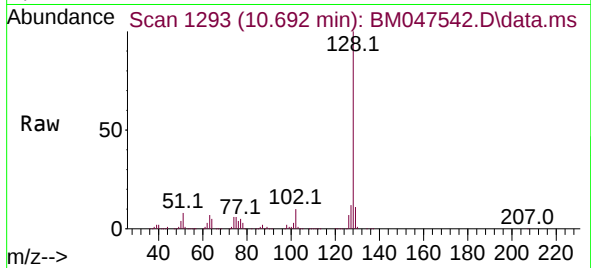
145 32.8 25.4 38.0





#31
Naphthalene
Concen: 8.935 ng
RT: 10.692 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

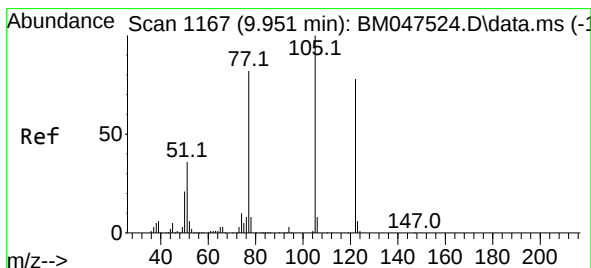
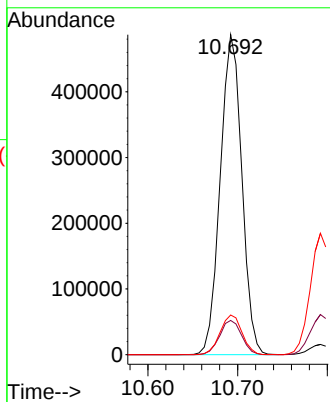
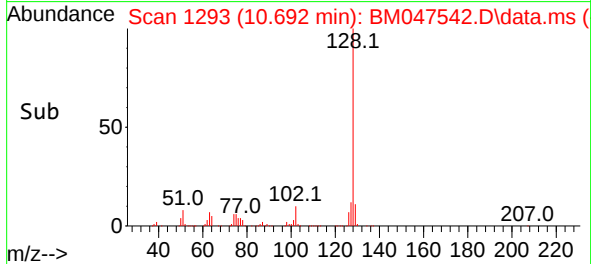
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:128 Resp: 81291
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.4 10.5 15.7

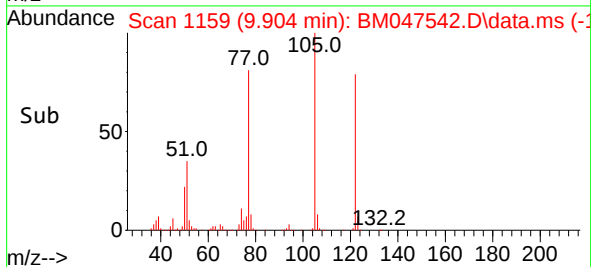
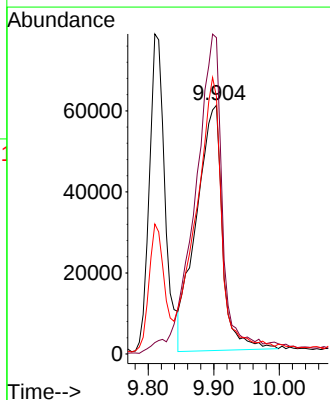
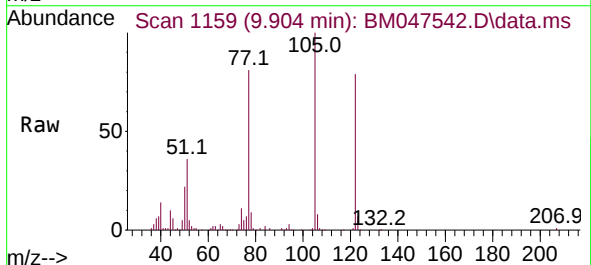
Manual Integrations
APPROVED

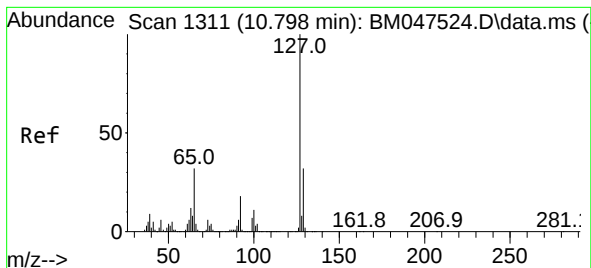
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#32
Benzoic acid
Concen: 14.922 ng
RT: 9.904 min Scan# 1159
Delta R.T. -0.047 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

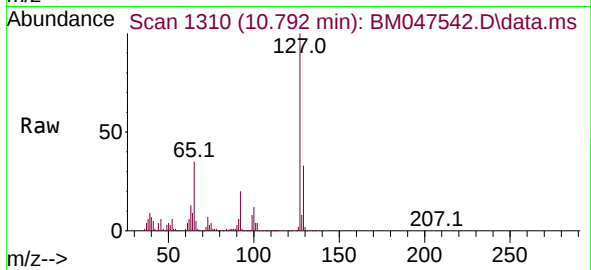
Tgt Ion:122 Resp: 168323
Ion Ratio Lower Upper
122 100
105 127.2 104.7 144.7
77 103.5 83.4 123.4





#33
4-Chloroaniline
Concen: 9.535 ng
RT: 10.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

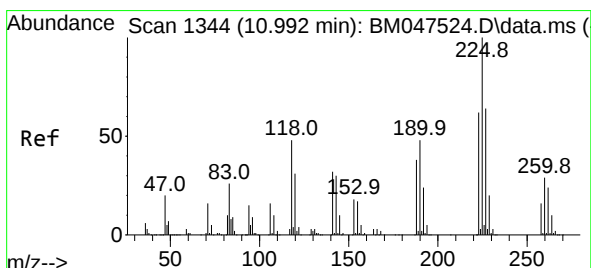
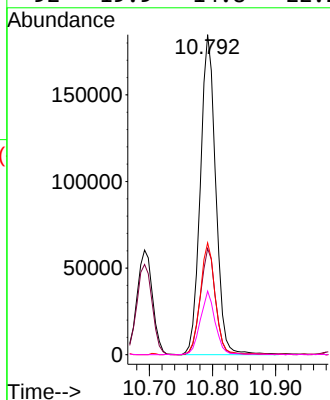
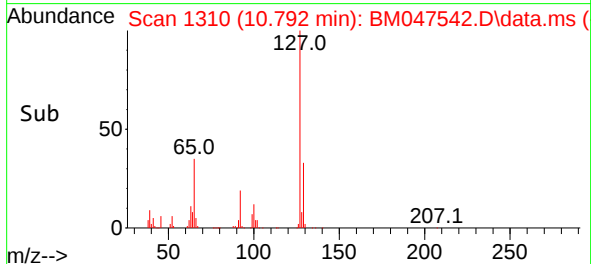
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



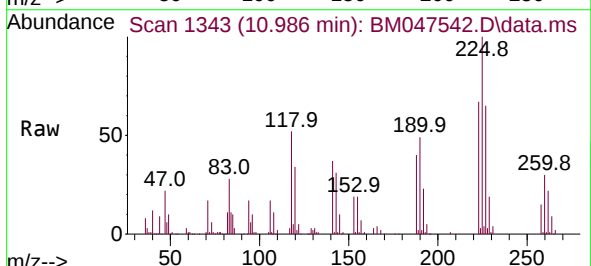
Tgt Ion:127 Resp: 313640
Ion Ratio Lower Upper
127 100
129 33.1 25.4 38.0
65 34.9 25.5 38.3
92 19.9 14.8 22.2

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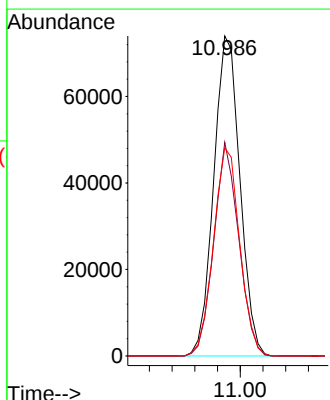
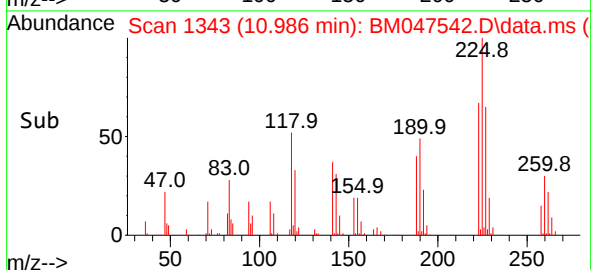
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

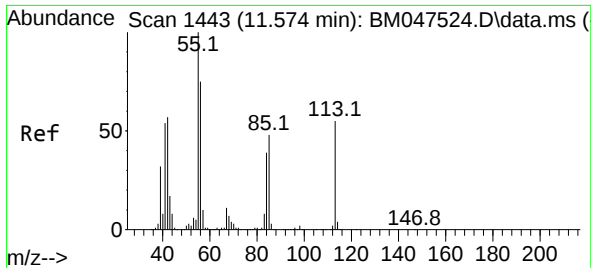


#34
Hexachlorobutadiene
Concen: 8.235 ng
RT: 10.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21



Tgt Ion:225 Resp: 118601
Ion Ratio Lower Upper
225 100
223 66.7 49.8 74.6
227 65.0 51.0 76.4





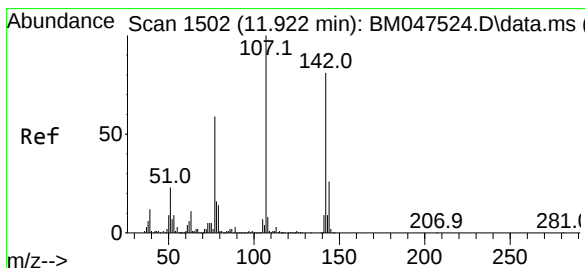
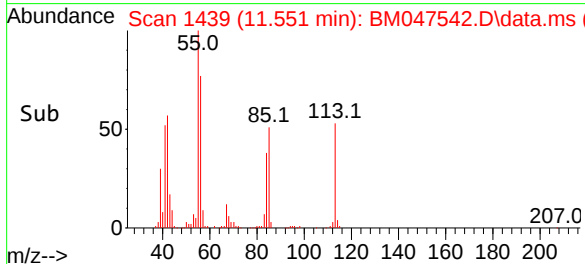
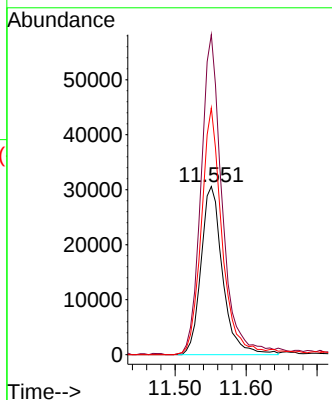
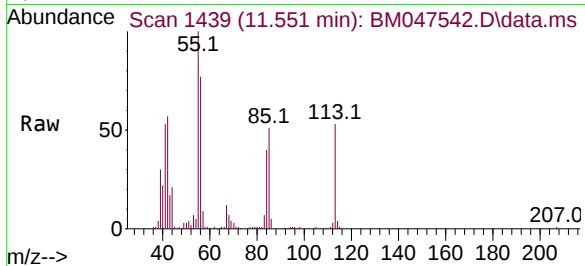
#35
 Caprolactam
 Concen: 8.659 ng
 RT: 11.551 min Scan# 1443
 Delta R.T. -0.023 min
 Lab File: BM047542.D
 Acq: 17 Sep 2024 13:21

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Tgt Ion:113 Resp: 64740
 Ion Ratio Lower Upper
 113 100
 55 190.2 162.5 202.5
 56 146.7 116.5 156.5

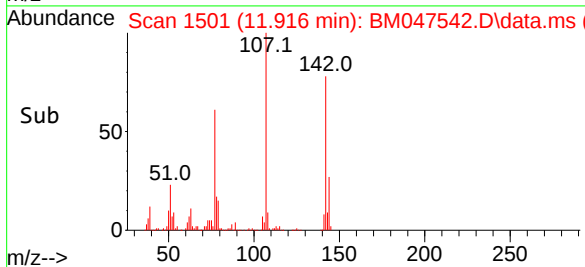
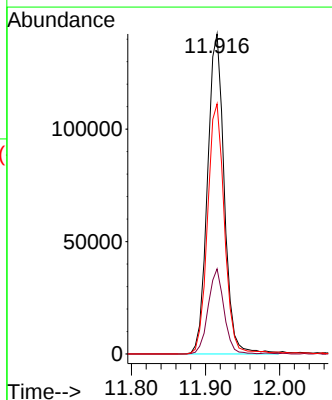
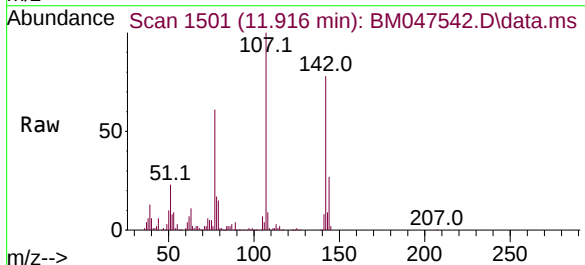
Manual Integrations
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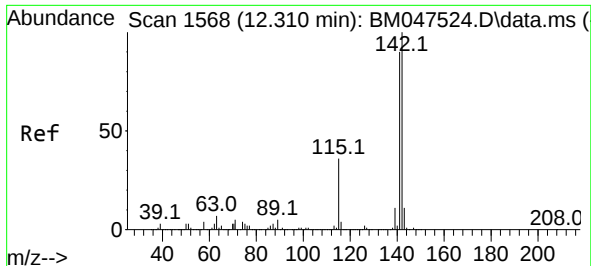
Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#36
 4-Chloro-3-methylphenol
 Concen: 8.576 ng
 RT: 11.916 min Scan# 1501
 Delta R.T. -0.006 min
 Lab File: BM047542.D
 Acq: 17 Sep 2024 13:21

Tgt Ion:107 Resp: 223090
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 78.2 65.0 97.4





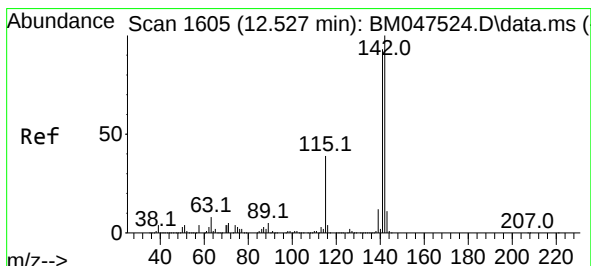
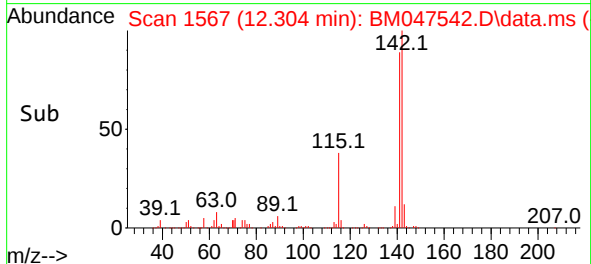
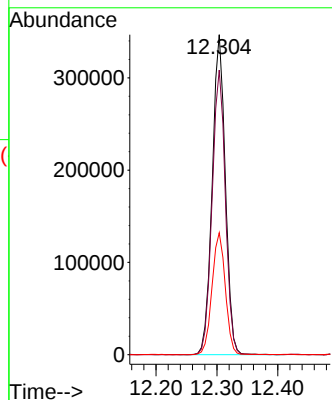
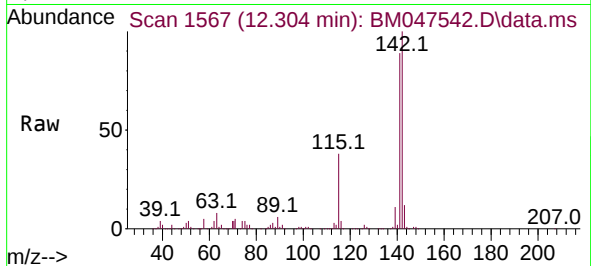
#37
2-Methylnaphthalene
Concen: 8.577 ng
RT: 12.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:142 Resp: 51938
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.4
115 38.1 29.1 43.7

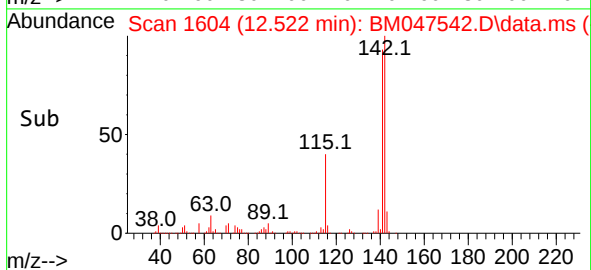
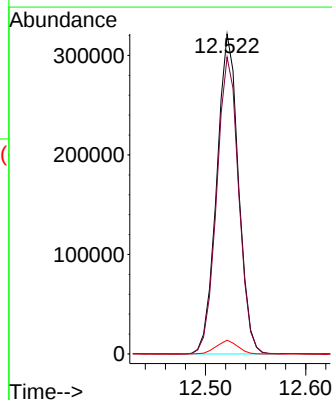
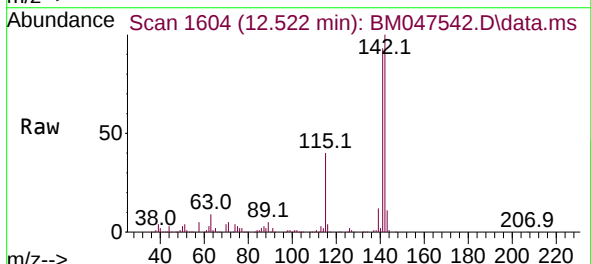
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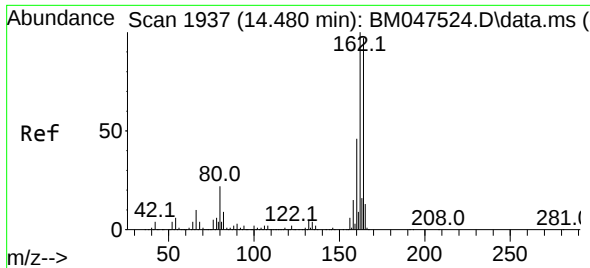
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#38
1-Methylnaphthalene
Concen: 8.059 ng
RT: 12.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

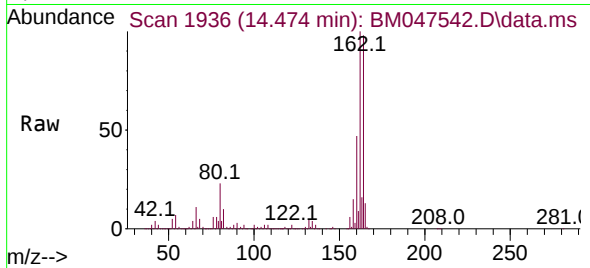
Tgt Ion:142 Resp: 484934
Ion Ratio Lower Upper
142 100
141 92.7 74.7 112.1
116 4.3 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

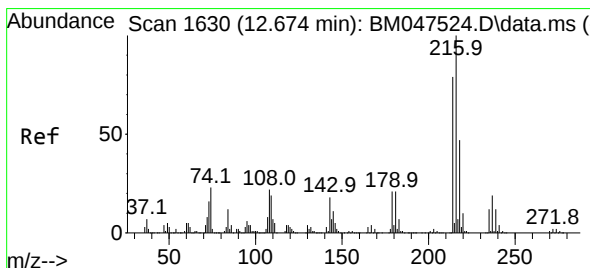
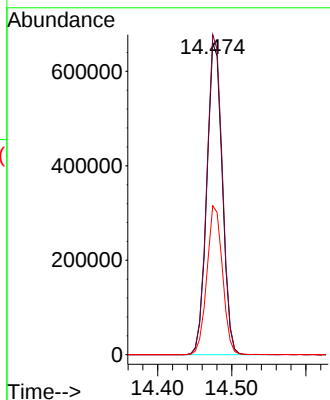
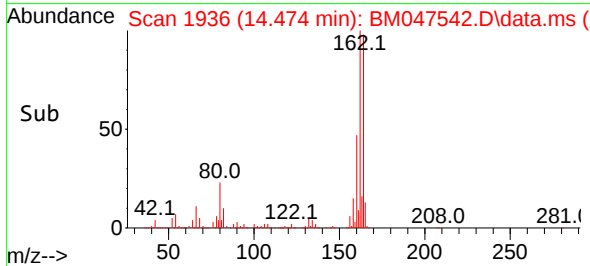
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:164 Resp: 956040
Ion Ratio Lower Upper
164 100
162 102.5 82.2 123.2
160 47.8 38.2 57.2

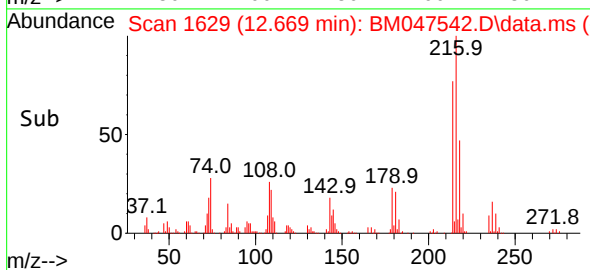
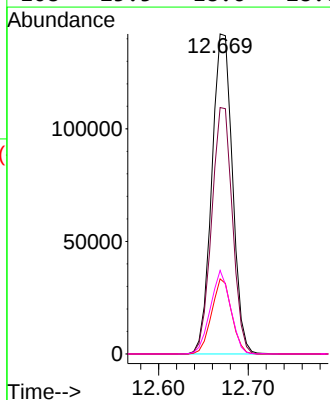
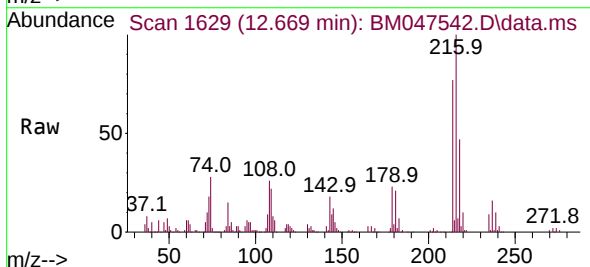
Manual Integrations
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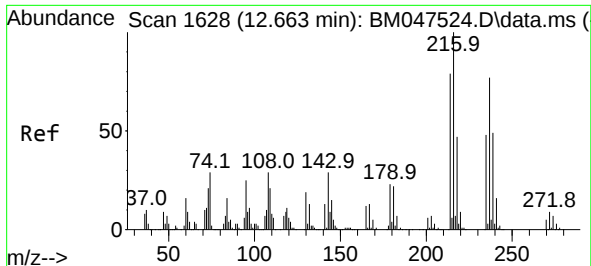
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.778 ng
RT: 12.669 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

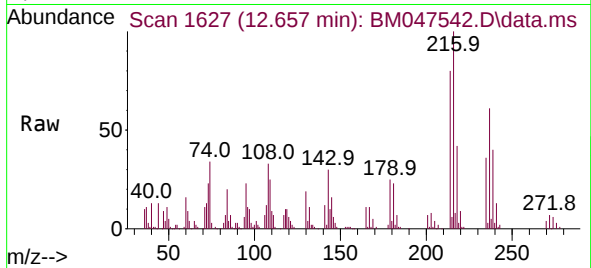
Tgt Ion:216 Resp: 227096
Ion Ratio Lower Upper
216 100
214 77.2 63.0 94.6
179 22.7 17.5 26.3
108 25.5 18.6 28.0





#41
Hexachlorocyclopentadiene
Concen: 6.352 ng
RT: 12.657 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

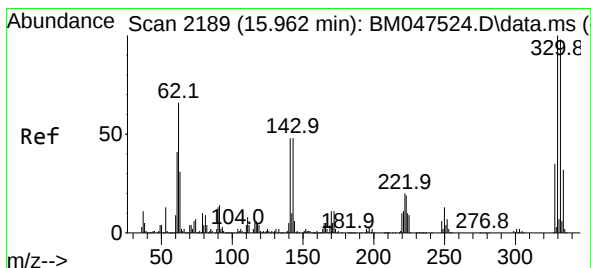
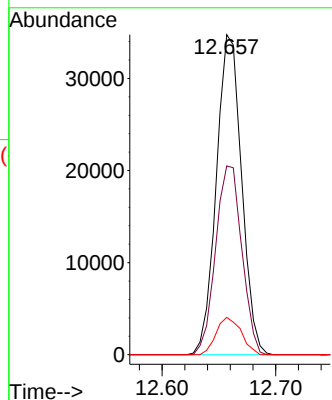
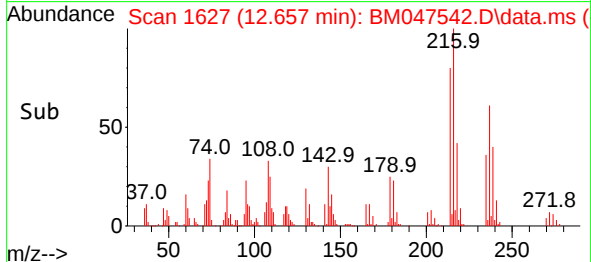
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



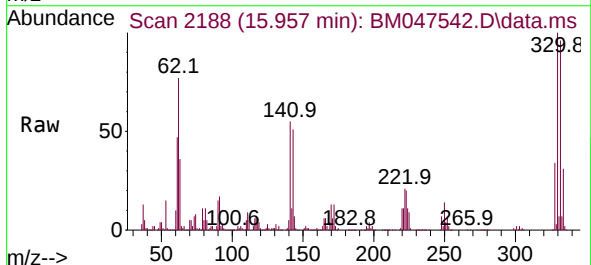
Tgt Ion:237 Resp: 53719
Ion Ratio Lower Upper
237 100
235 59.0 42.0 82.0
272 11.7 0.0 31.5

Manual Integrations
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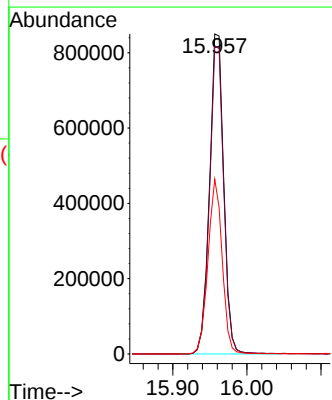
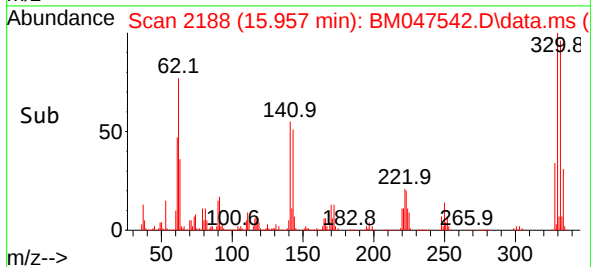
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

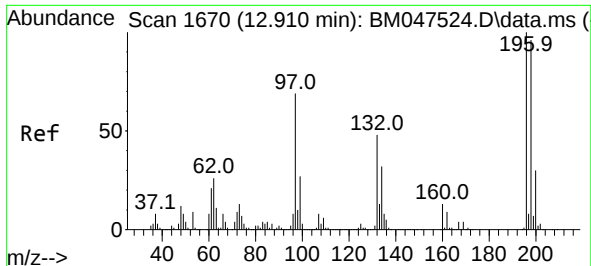


#42
2,4,6-Tribromophenol
Concen: 122.878 ng
RT: 15.957 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21



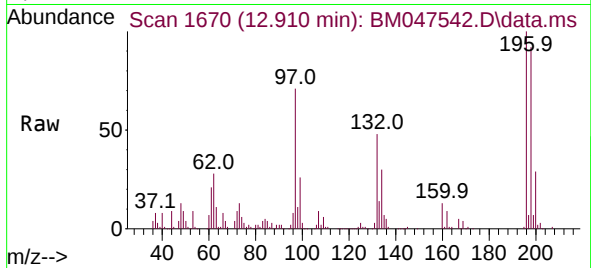
Tgt Ion:330 Resp: 1135511
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 54.4 42.2 63.2





#43
2,4,6-Trichlorophenol
Concen: 8.218 ng
RT: 12.910 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

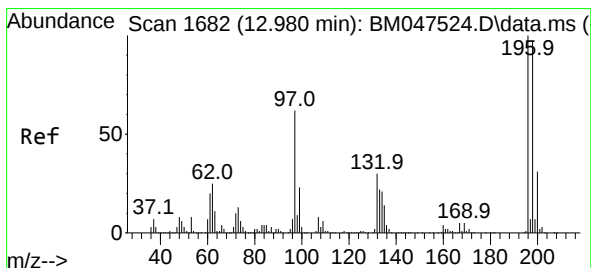
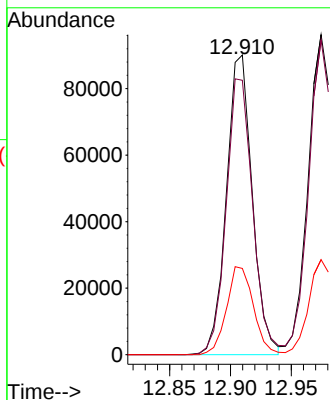
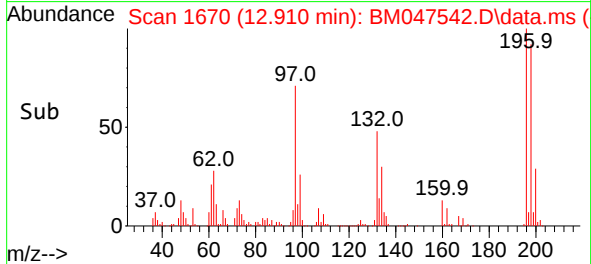
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



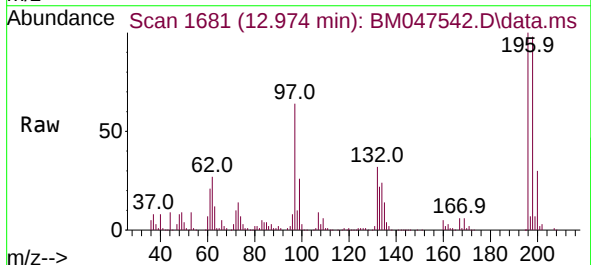
Tgt Ion:196 Resp: 133189
Ion Ratio Lower Upper
196 100
198 91.5 76.9 115.3
200 28.8 24.3 36.5

Manual Integrations
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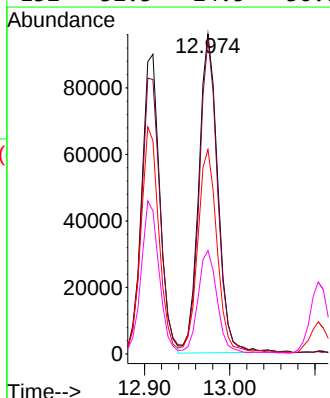
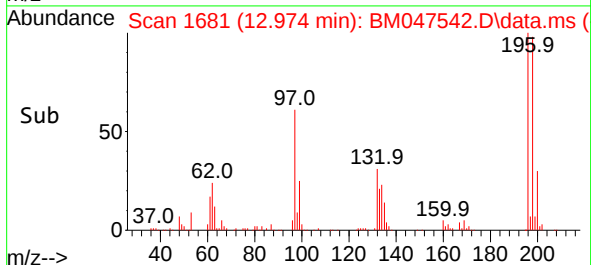
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

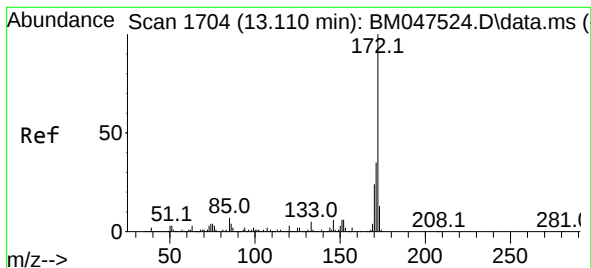


#44
2,4,5-Trichlorophenol
Concen: 8.126 ng
RT: 12.974 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21



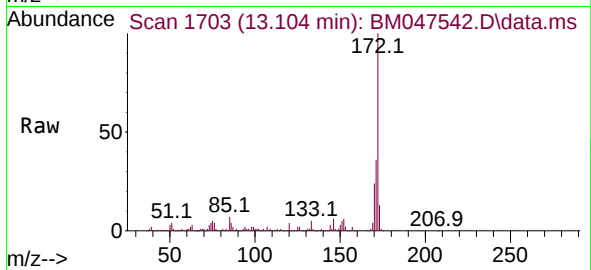
Tgt Ion:196 Resp: 148748
Ion Ratio Lower Upper
196 100
198 98.3 77.4 116.2
97 63.9 49.8 74.8
132 32.3 24.5 36.7





#45
2-Fluorobiphenyl
Concen: 85.144 ng
RT: 13.104 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

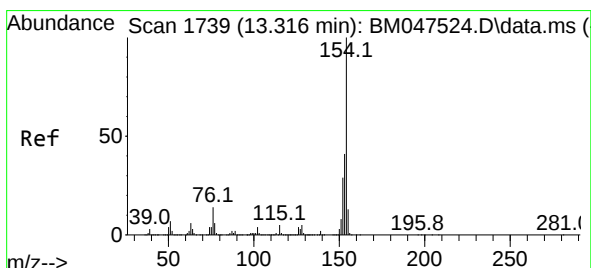
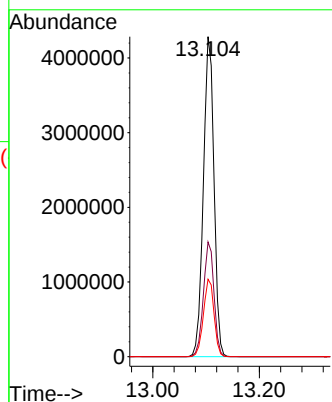
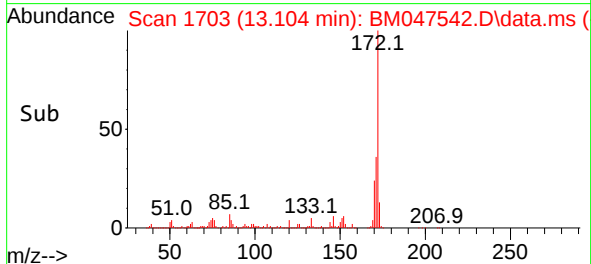
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



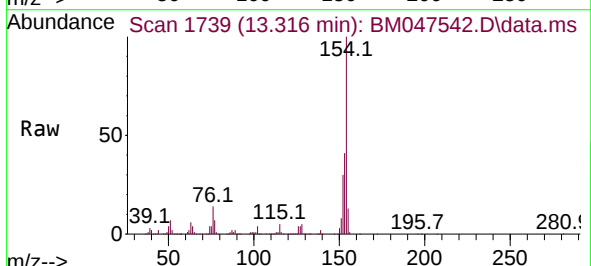
Tgt Ion:172 Resp: 5909234
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 24.2 19.4 29.0

Manual Integrations
APPROVED

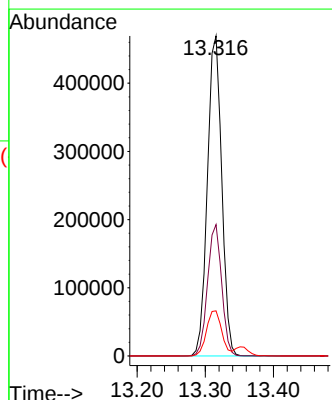
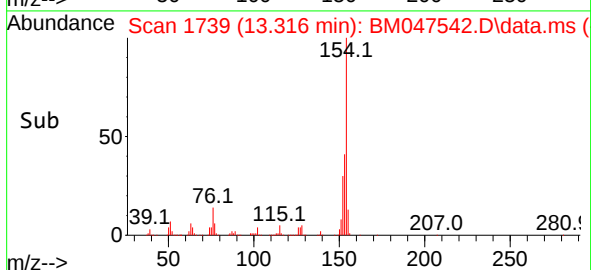
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

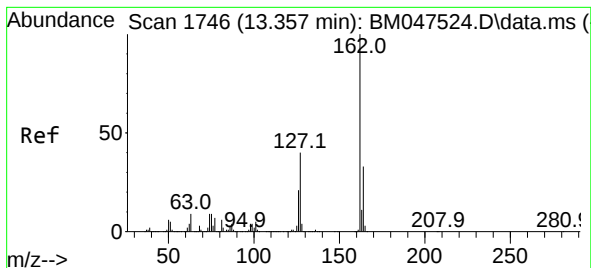


#46
1,1'-Biphenyl
Concen: 9.215 ng
RT: 13.316 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21



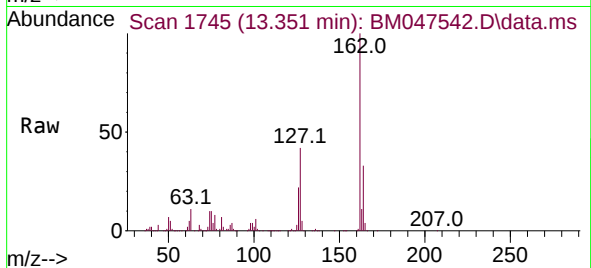
Tgt Ion:154 Resp: 685440
Ion Ratio Lower Upper
154 100
153 41.0 20.6 60.6
76 14.1 0.0 33.9





#47
2-Chloronaphthalene
Concen: 8.827 ng
RT: 13.351 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

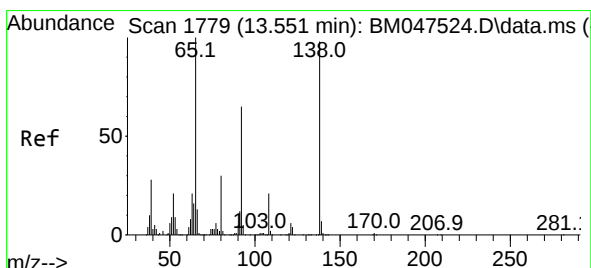
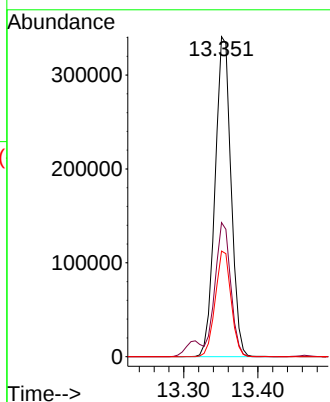
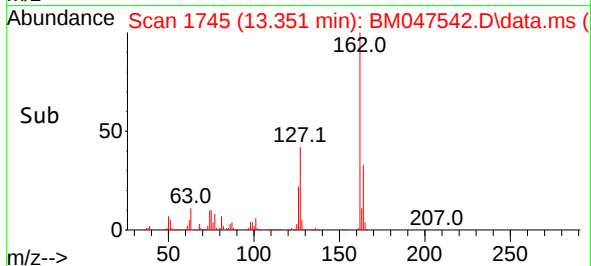
Instrument : BNA_M
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion:162 Resp: 509819
Ion Ratio Lower Upper
162 100
127 41.9 32.2 48.4
164 33.0 26.3 39.5

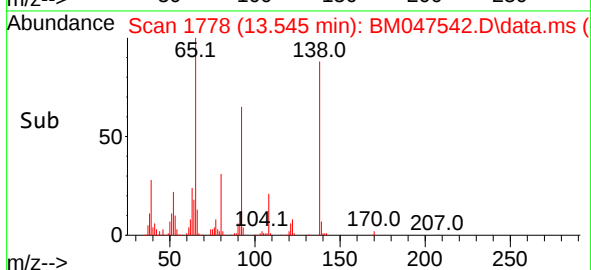
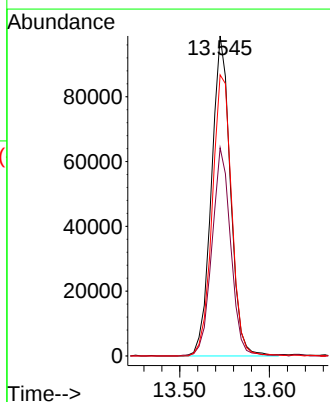
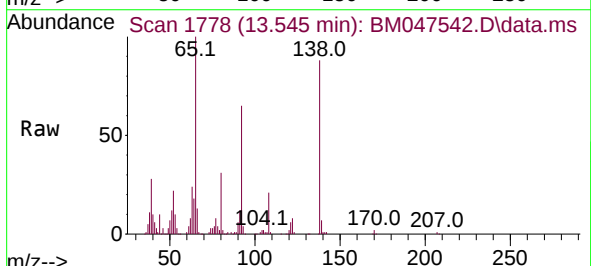
Manual Integrations
APPROVED

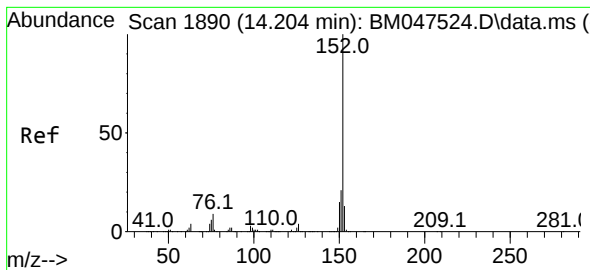
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#48
2-Nitroaniline
Concen: 8.569 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

Tgt Ion: 65 Resp: 145370
Ion Ratio Lower Upper
65 100
92 65.1 51.9 77.9
138 87.8 78.5 117.7





#49

Acenaphthylene

Concen: 9.607 ng

RT: 14.198 min Scan# 1889

Delta R.T. -0.006 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Instrument :

BNA_M

ClientSampleId :

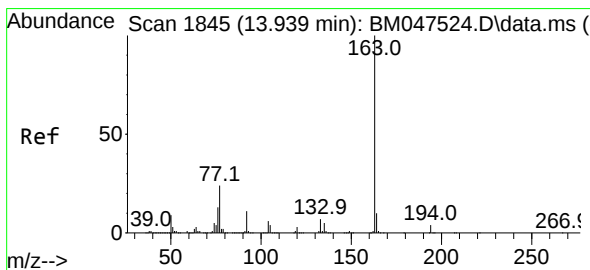
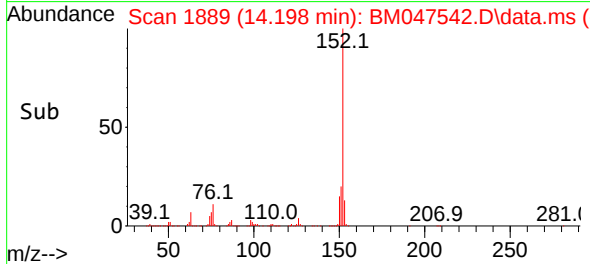
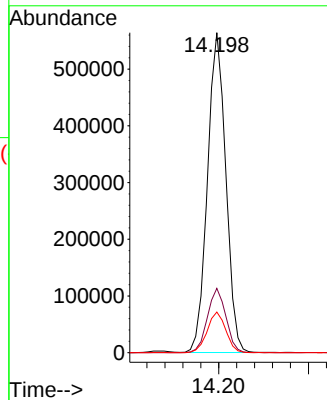
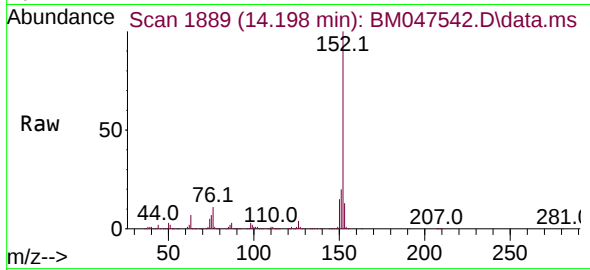
LOQ-SOIL-02-QT2-2024

Tgt Ion:152	Resp: 800760
Ion Ratio	Lower Upper
152 100	
151 20.1	16.5 24.7
153 12.7	10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#50

Dimethylphthalate

Concen: 9.021 ng

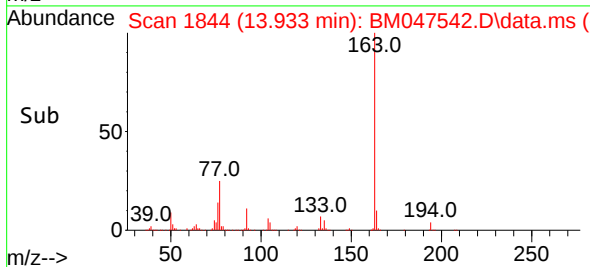
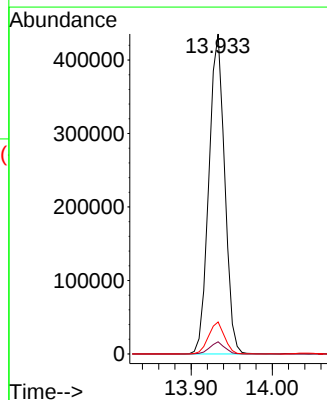
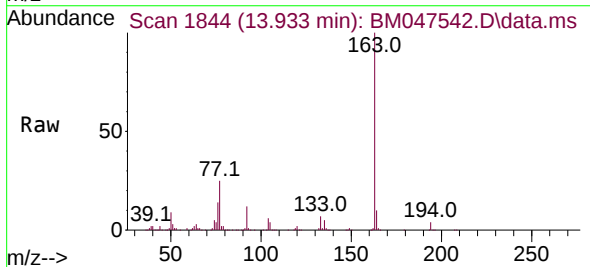
RT: 13.933 min Scan# 1844

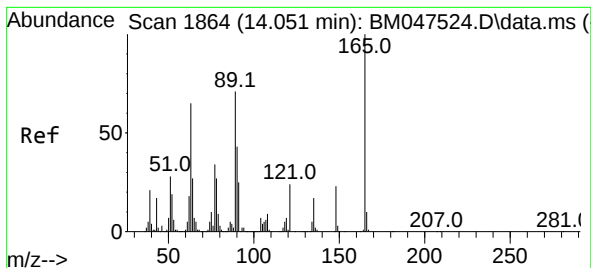
Delta R.T. -0.006 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

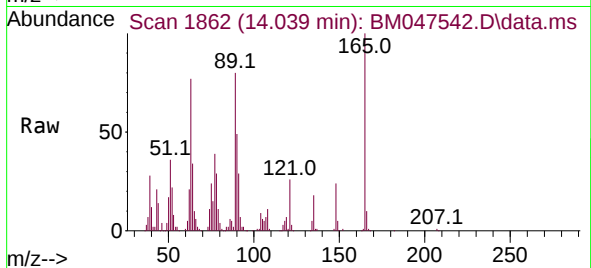
Tgt Ion:163	Resp: 587833
Ion Ratio	Lower Upper
163 100	
194 3.8	2.9 4.3
164 10.0	7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 8.145 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

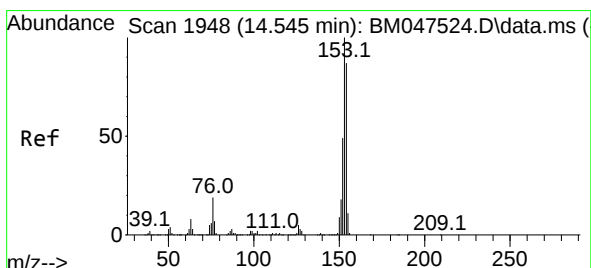
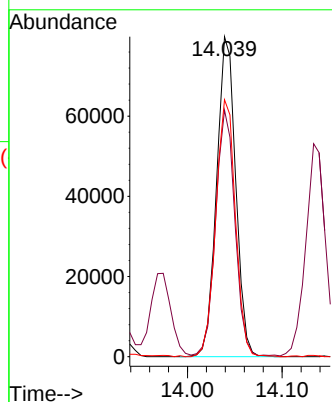
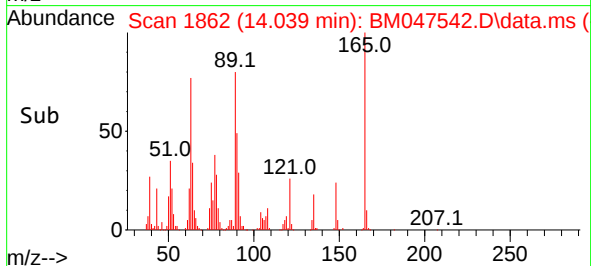
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:165 Resp: 112038
Ion Ratio Lower Upper
165 100
63 77.1 54.2 81.2
89 80.3 56.4 84.6

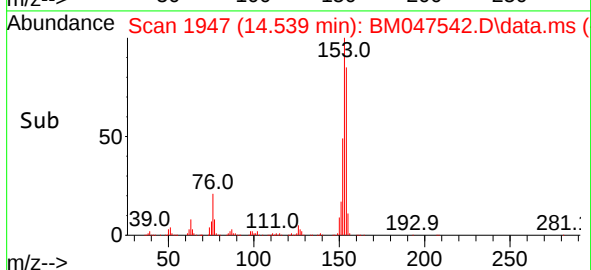
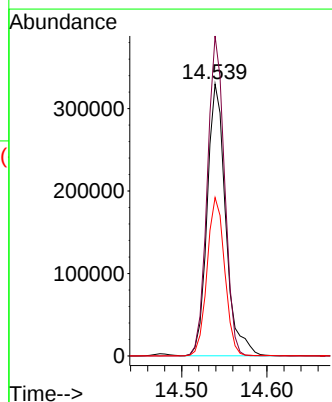
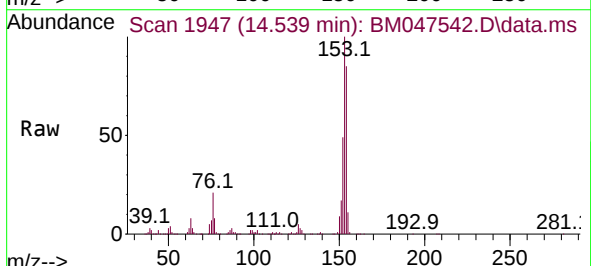
Manual Integrations
APPROVED

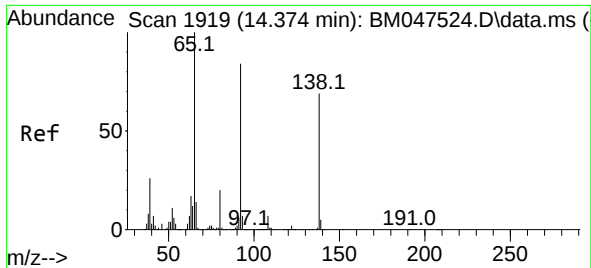
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#52
Acenaphthene
Concen: 8.506 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

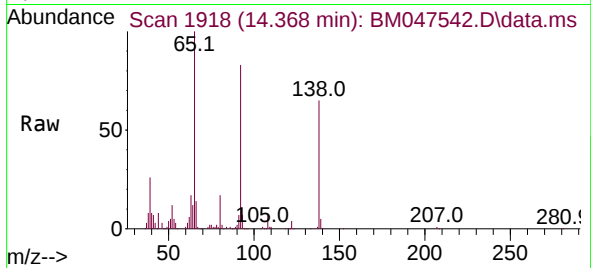
Tgt Ion:154 Resp: 496725
Ion Ratio Lower Upper
154 100
153 117.7 92.2 138.2
152 58.2 45.4 68.0





#53
3-Nitroaniline
Concen: 8.746 ng
RT: 14.368 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

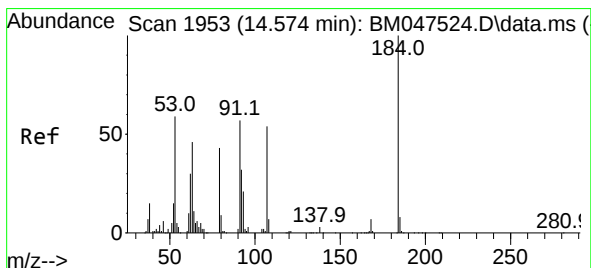
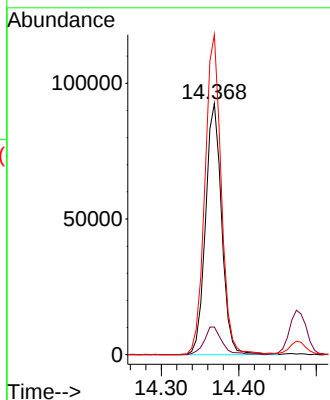
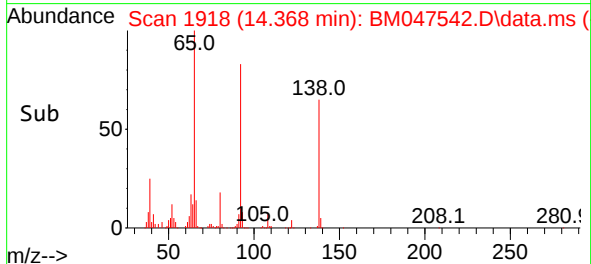
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:138 Resp: 133718
Ion Ratio Lower Upper
138 100
108 11.0 8.0 12.0
92 127.4 97.4 146.0

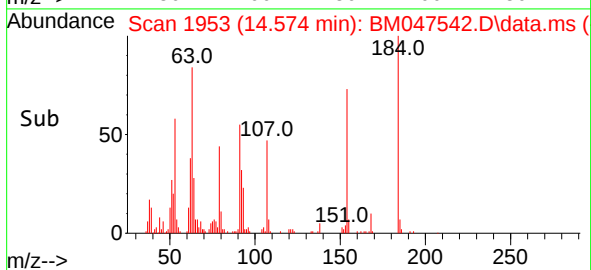
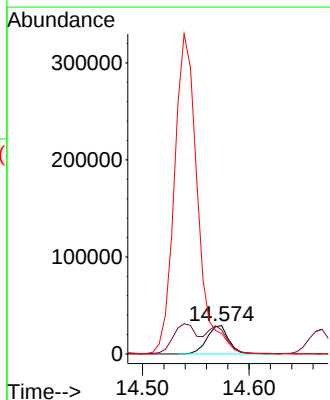
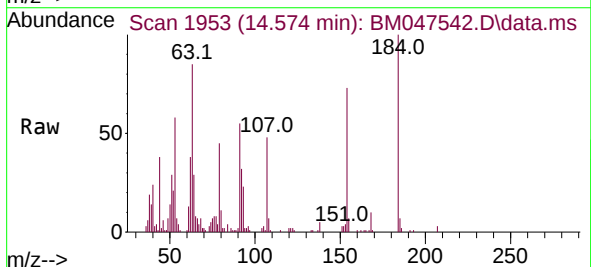
Manual Integrations
APPROVED

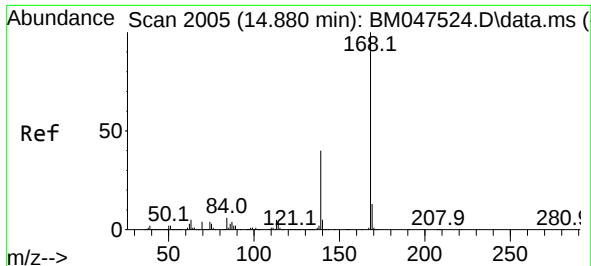
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#54
2,4-Dinitrophenol
Concen: 10.495 ng
RT: 14.574 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

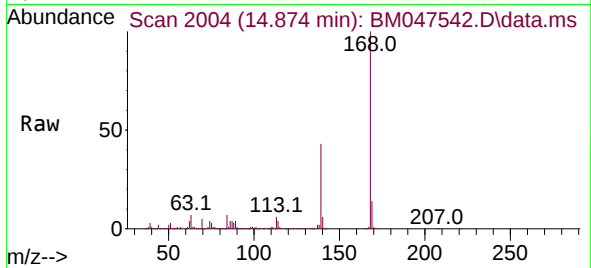
Tgt Ion:184 Resp: 41708
Ion Ratio Lower Upper
184 100
63 84.8 69.4 104.0
154 72.5 60.4 90.6





#55
Dibenzofuran
Concen: 8.855 ng
RT: 14.874 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

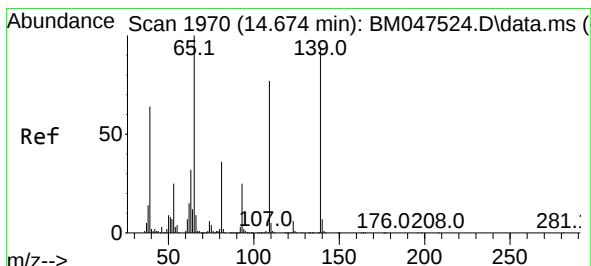
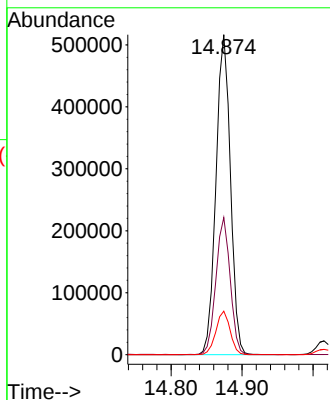
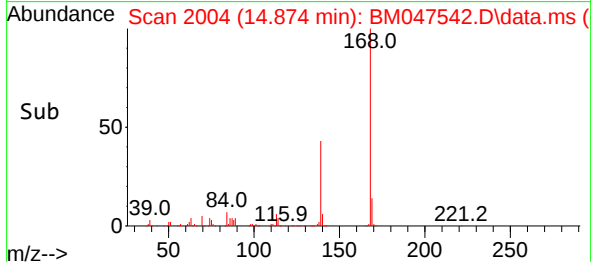
Instrument : BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:168 Resp: 72667
Ion Ratio Lower Upper
168 100
139 42.9 31.9 47.9
169 13.6 10.5 15.7

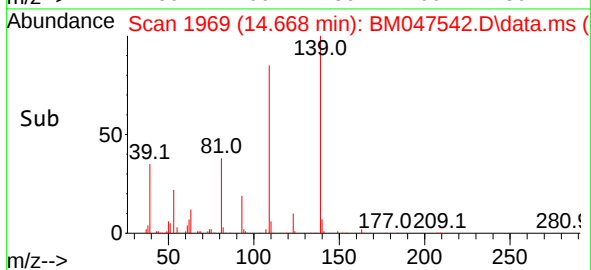
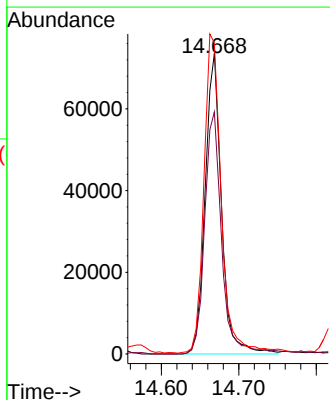
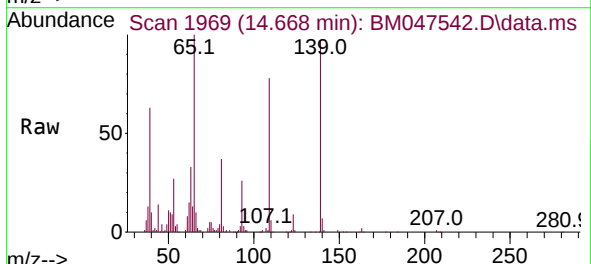
Manual Integrations
APPROVED

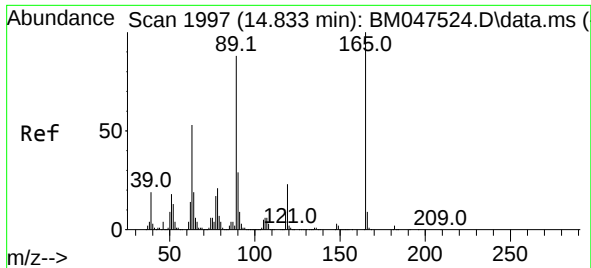
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#56
4-Nitrophenol
Concen: 8.568 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

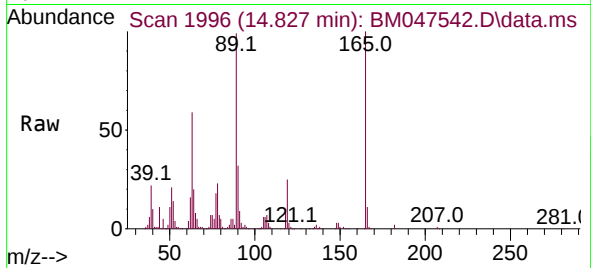
Tgt Ion:139 Resp: 107804
Ion Ratio Lower Upper
139 100
109 80.5 62.0 102.0
65 103.4 87.0 127.0





#57
2,4-Dinitrotoluene
Concen: 7.937 ng
RT: 14.827 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

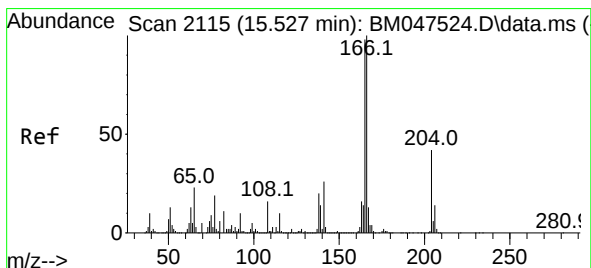
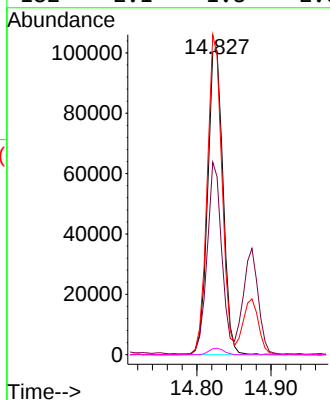
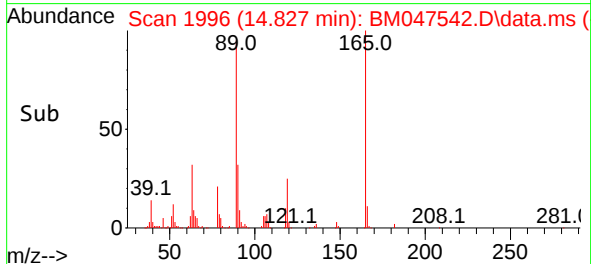
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



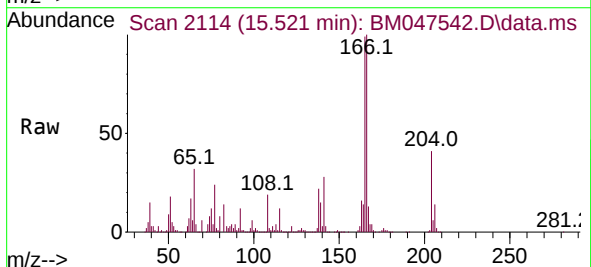
Tgt Ion:165 Resp: 14562
Ion Ratio Lower Upper
165 100
63 58.5 42.4 63.6
89 98.5 70.5 105.7
182 2.1 1.8 2.6

Manual Integrations
APPROVED

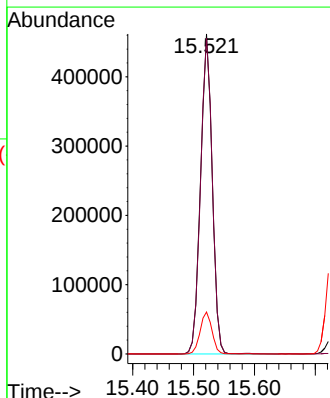
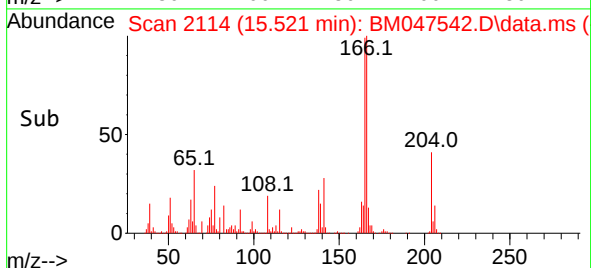
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

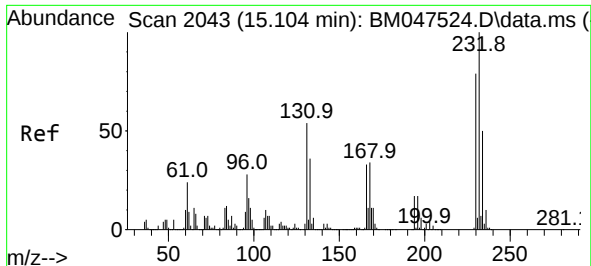


#58
Fluorene
Concen: 8.269 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21



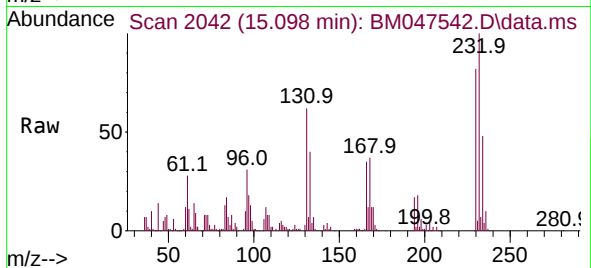
Tgt Ion:166 Resp: 610980
Ion Ratio Lower Upper
166 100
165 98.8 78.6 117.8
167 13.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.221 ng
RT: 15.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

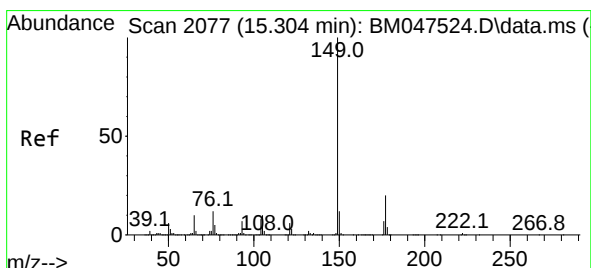
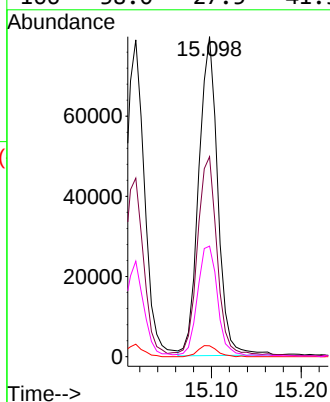
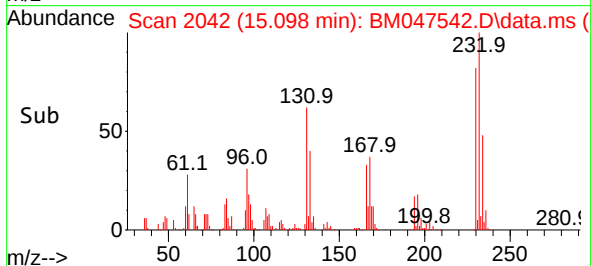
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:232 Resp: 11733
Ion Ratio Lower Upper
232 100
131 63.6 47.0 70.4
130 3.6 2.6 3.8
166 38.0 27.5 41.3

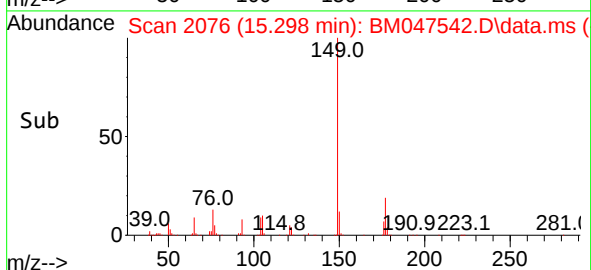
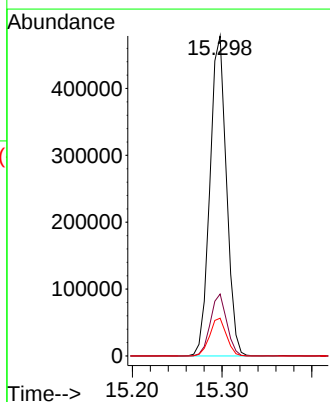
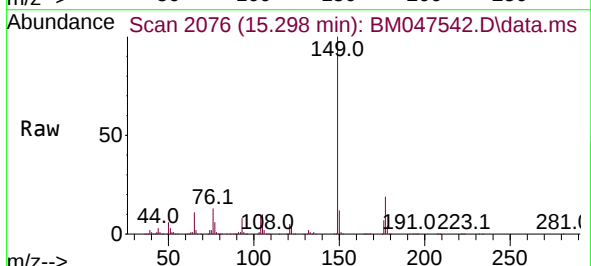
Manual Integrations
APPROVED

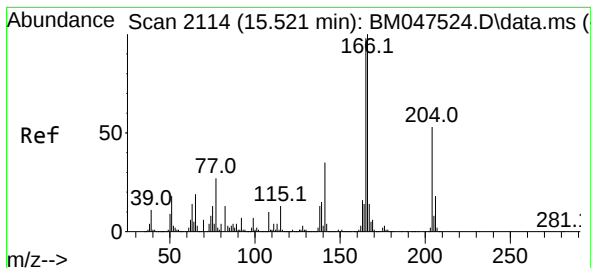
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#60
Diethylphthalate
Concen: 8.811 ng
RT: 15.298 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

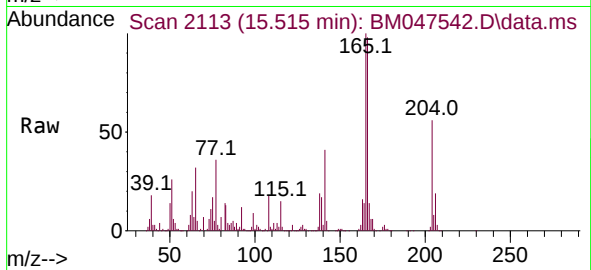
Tgt Ion:149 Resp: 611056
Ion Ratio Lower Upper
149 100
177 19.3 15.8 23.8
150 11.8 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 7.875 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

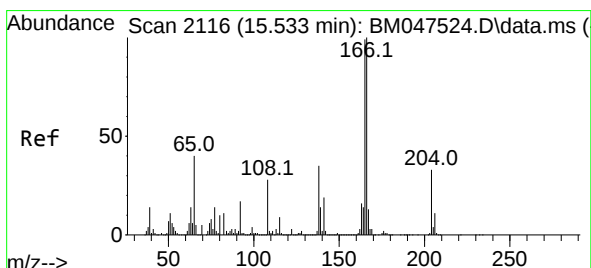
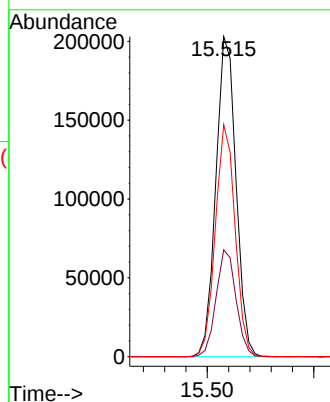
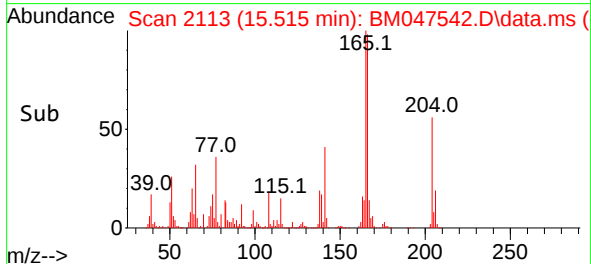
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:204 Resp: 26603
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 72.5 52.1 78.1

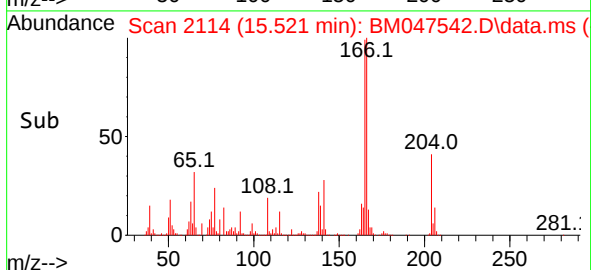
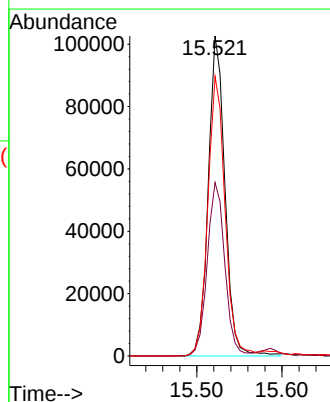
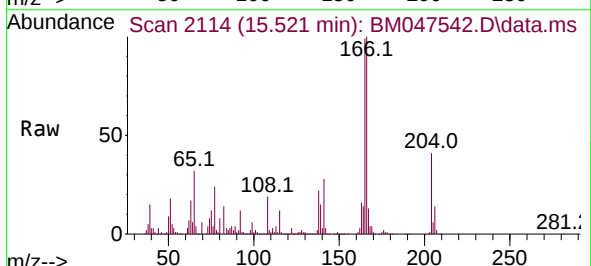
Manual Integrations
APPROVED

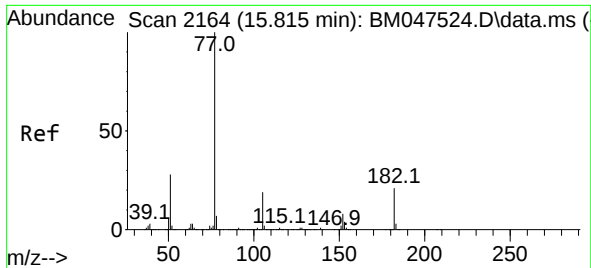
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#62
4-Nitroaniline
Concen: 7.771 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

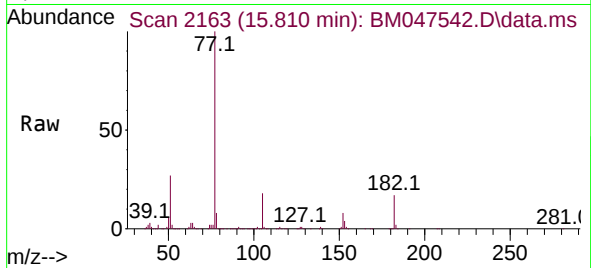
Tgt Ion:138 Resp: 139660
Ion Ratio Lower Upper
138 100
92 54.2 30.0 70.0
108 87.3 61.7 101.7





#63
Azobenzene
Concen: 9.764 ng
RT: 15.810 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

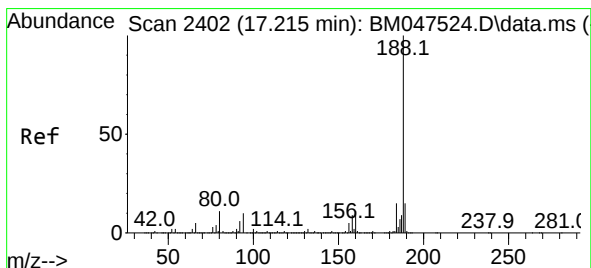
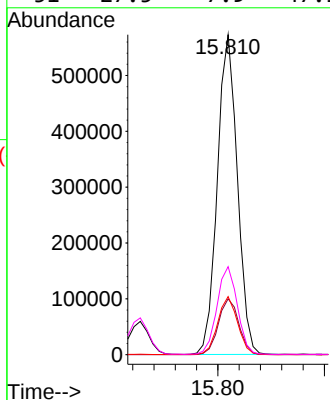
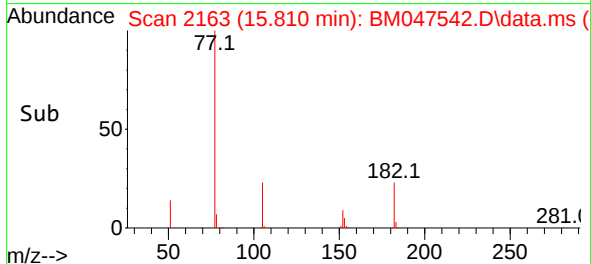
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 77 Resp: 745618
Ion Ratio Lower Upper
77 100
182 17.4 1.2 41.2
105 18.2 0.0 39.4
51 27.5 7.9 47.9

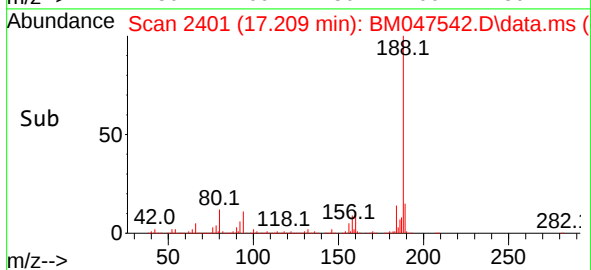
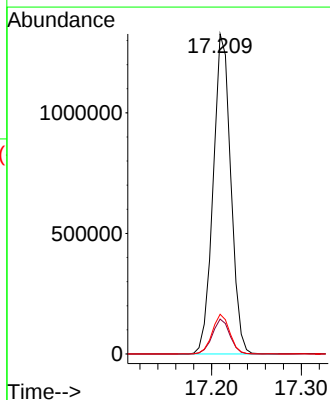
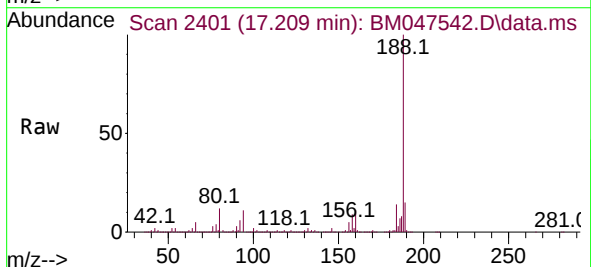
Manual Integrations
APPROVED

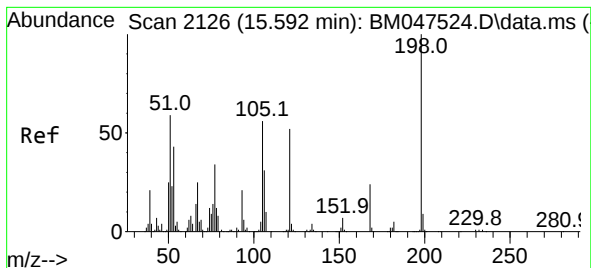
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

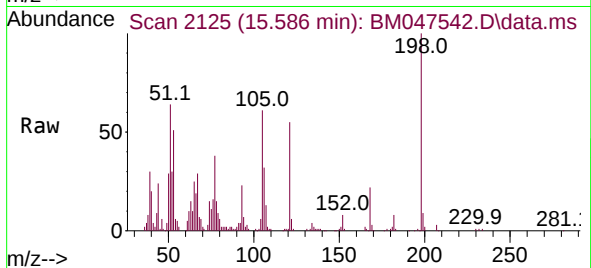
Tgt Ion:188 Resp: 1808861
Ion Ratio Lower Upper
188 100
94 10.9 8.4 12.6
80 12.4 9.1 13.7





#65
4,6-Dinitro-2-methylphenol
Concen: 14.109 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

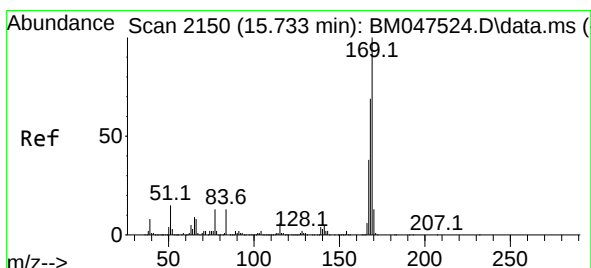
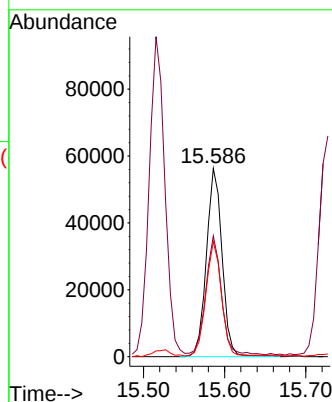
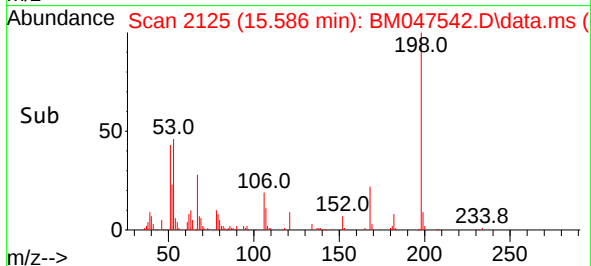
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:198 Resp: 75130
Ion Ratio Lower Upper
198 100
51 64.2 41.5 81.5
105 61.1 36.4 76.4

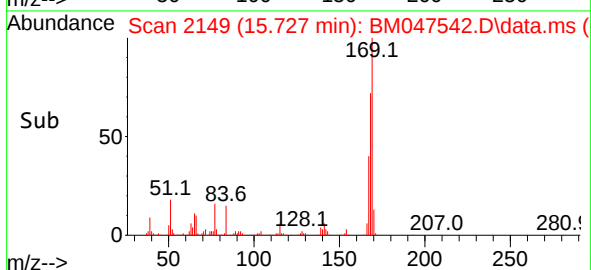
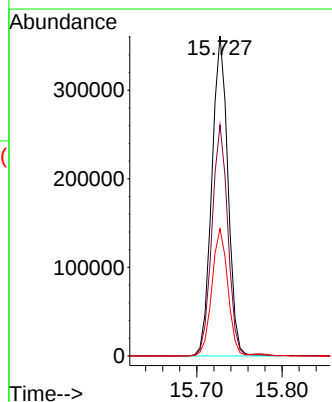
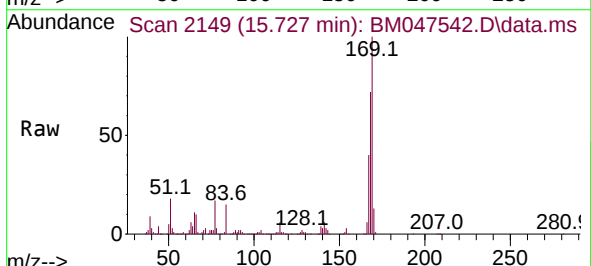
Manual Integrations
APPROVED

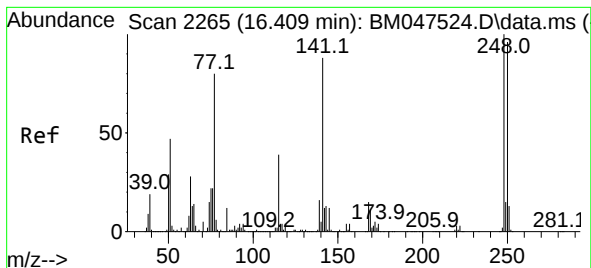
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#66
n-Nitrosodiphenylamine
Concen: 8.556 ng
RT: 15.727 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

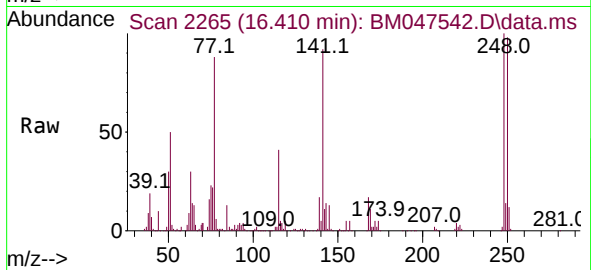
Tgt Ion:169 Resp: 473457
Ion Ratio Lower Upper
169 100
168 72.2 55.3 82.9
167 39.8 30.5 45.7





#67
4-Bromophenyl-phenylether
Concen: 7.955 ng
RT: 16.410 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

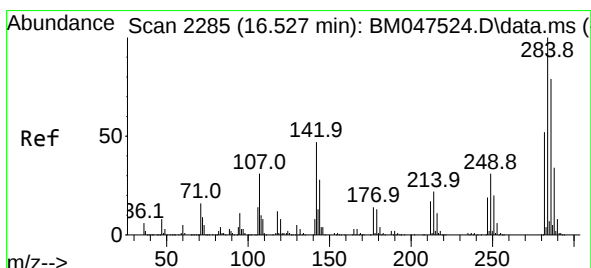
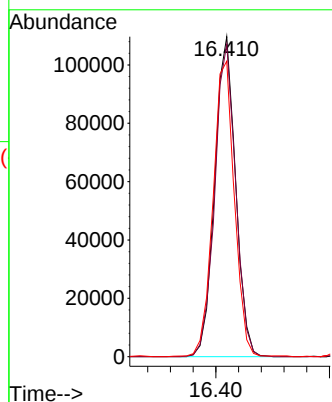
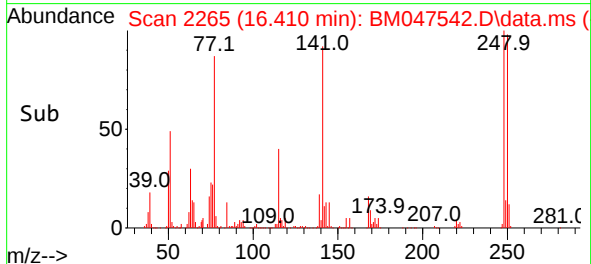
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



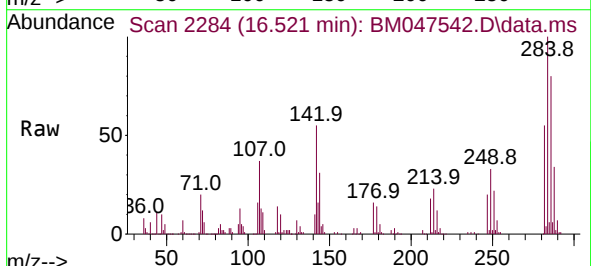
Tgt Ion:248 Resp: 139820
Ion Ratio Lower Upper
248 100
250 97.6 76.9 115.3
141 92.4 70.8 106.2

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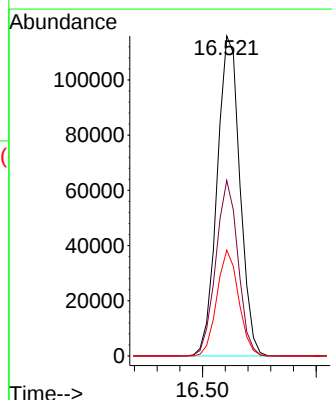
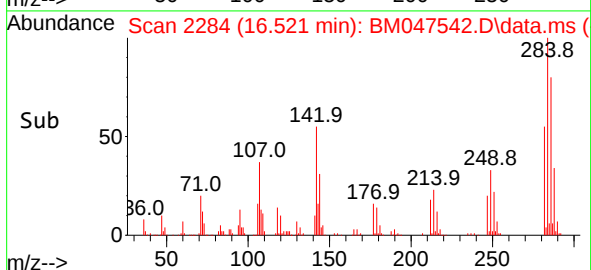
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

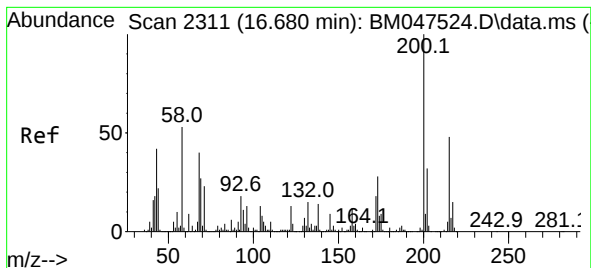


#68
Hexachlorobenzene
Concen: 8.130 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21



Tgt Ion:284 Resp: 161878
Ion Ratio Lower Upper
284 100
142 54.9 37.3 55.9
249 33.1 24.5 36.7





#69

Atrazine

Concen: 8.980 ng

RT: 16.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:200 Resp: 137338

Ion Ratio Lower Upper

200 100

173 27.7 7.7 47.7

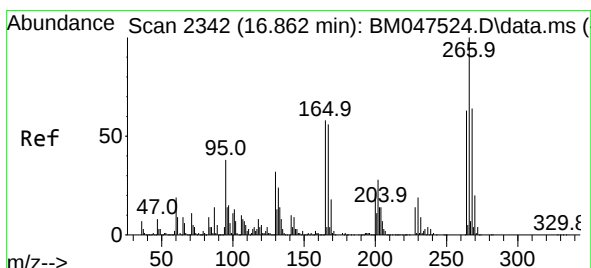
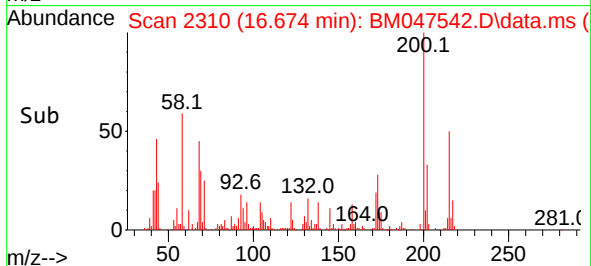
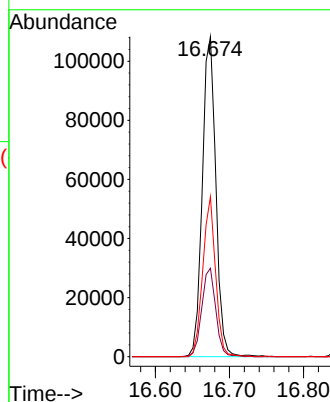
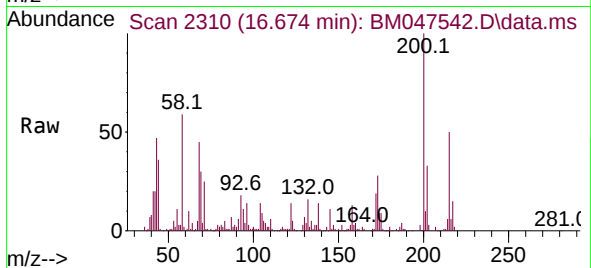
215 50.0 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#70

Pentachlorophenol

Concen: 13.986 ng

RT: 16.862 min Scan# 2342

Delta R.T. 0.000 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

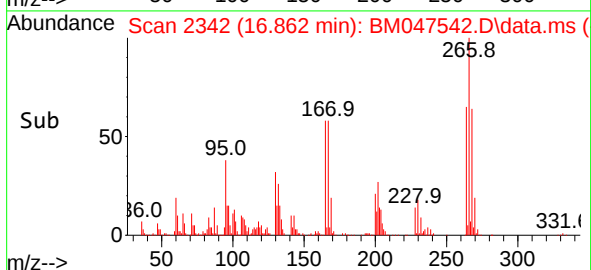
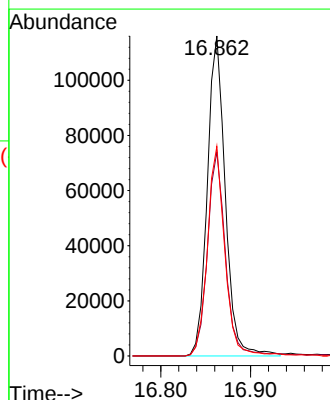
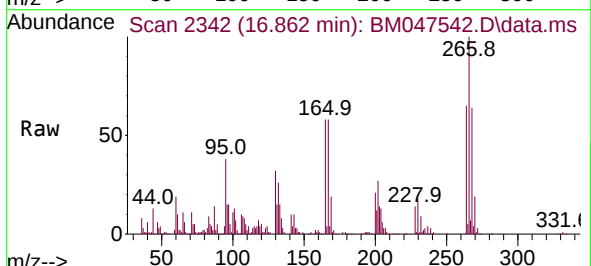
Tgt Ion:266 Resp: 161431

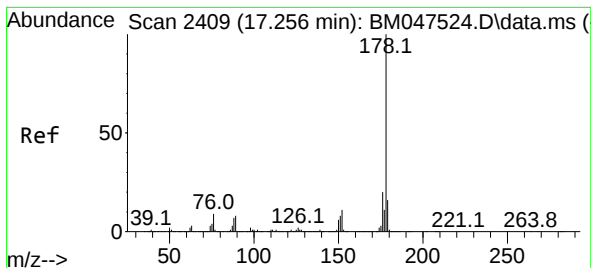
Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.4

264 65.5 50.4 75.6





#71

Phenanthrene

Concen: 8.647 ng

RT: 17.257 min Scan# 2409

Delta R.T. 0.000 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Instrument :

BNA_M

ClientSampleId :

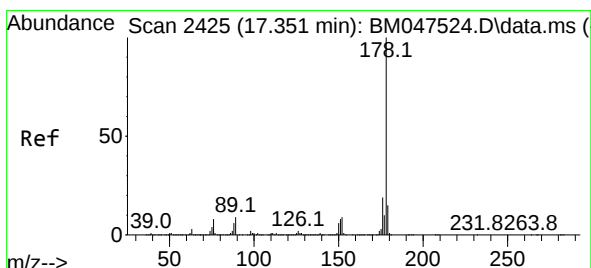
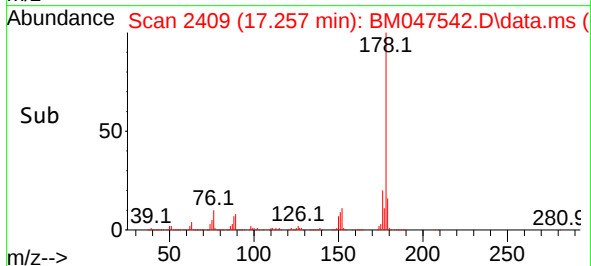
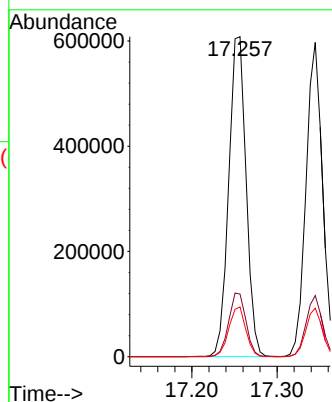
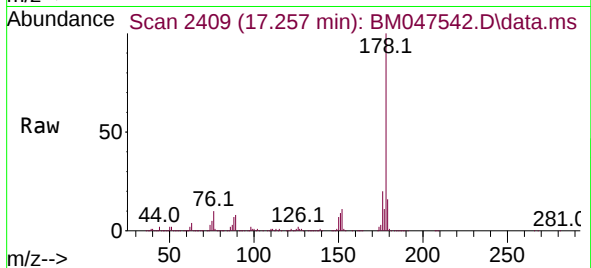
LOQ-SOIL-02-QT2-2024

Tgt Ion:178 Resp: 86198
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 15.6 12.4 18.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#72

Anthracene

Concen: 8.410 ng

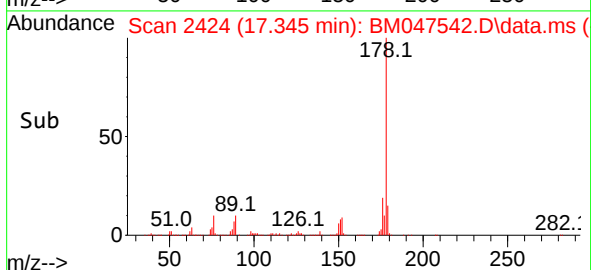
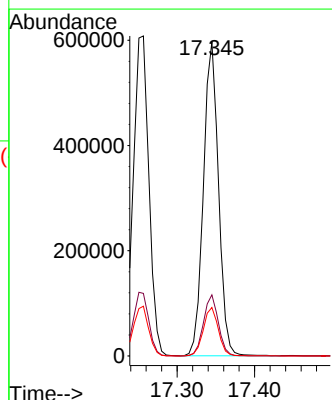
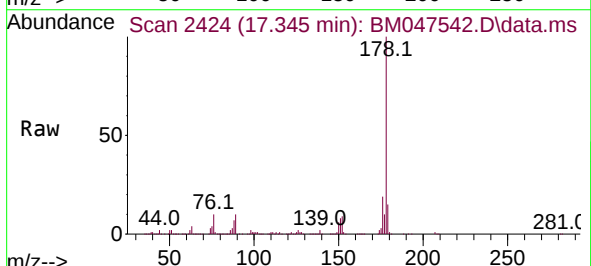
RT: 17.345 min Scan# 2424

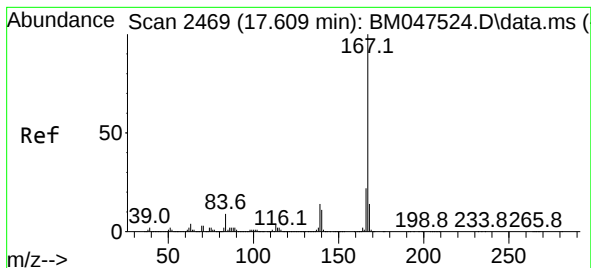
Delta R.T. -0.006 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Tgt Ion:178 Resp: 805479
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 15.4 12.3 18.5





#73

Carbazole

Concen: 8.458 ng

RT: 17.609 min Scan# 2469

Delta R.T. 0.000 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Instrument :

BNA_M

ClientSampleId :

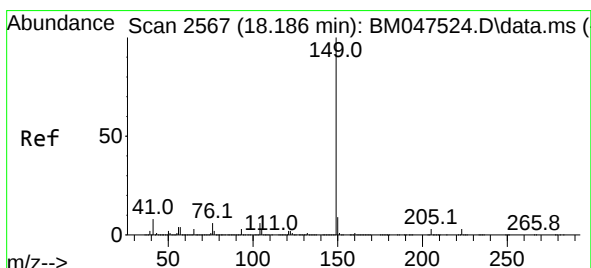
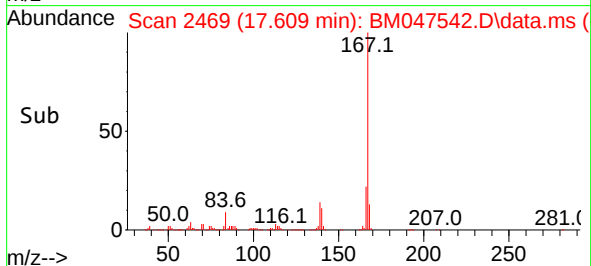
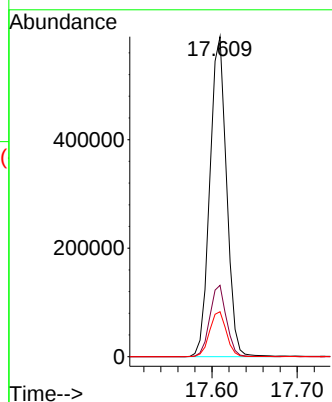
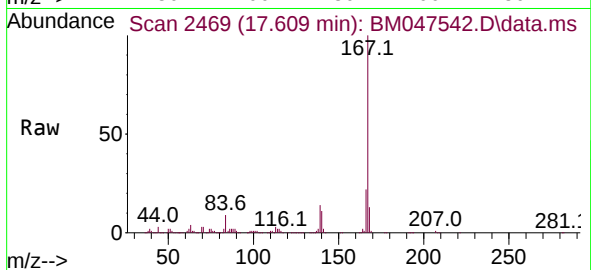
LOQ-SOIL-02-QT2-2024

Tgt Ion:167	Resp: 802750
Ion Ratio	Lower Upper
167 100	
166 22.3	17.8 26.8
139 14.1	11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#74

Di-n-butylphthalate

Concen: 8.422 ng

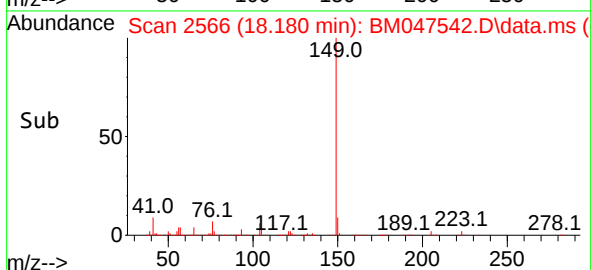
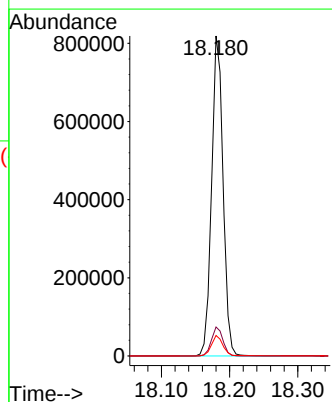
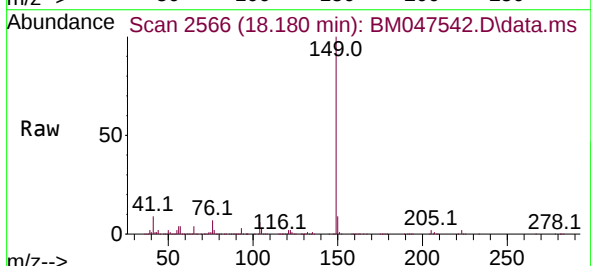
RT: 18.180 min Scan# 2566

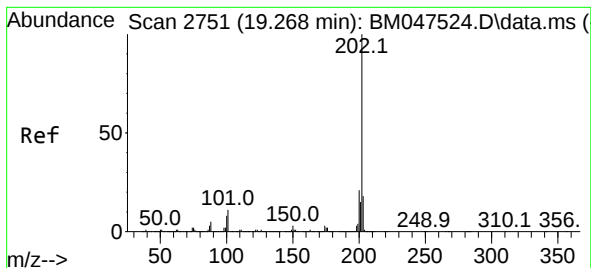
Delta R.T. -0.006 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Tgt Ion:149	Resp: 956476
Ion Ratio	Lower Upper
149 100	
150 9.1	7.4 11.2
104 6.4	4.6 6.8





#75

Fluoranthene

Concen: 7.870 ng

RT: 19.262 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Instrument :

BNA_M

ClientSampleId :

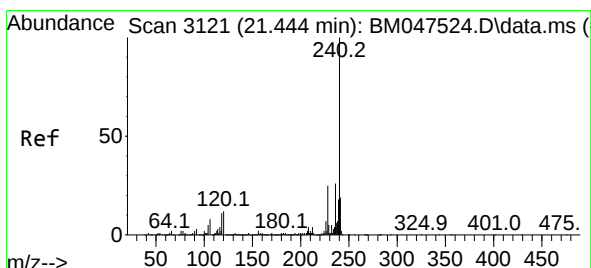
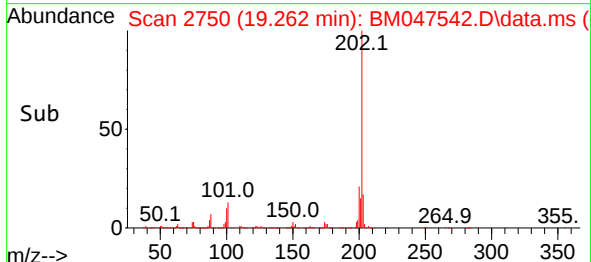
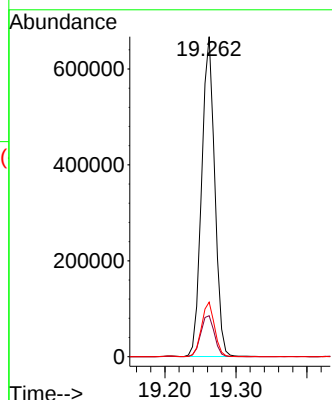
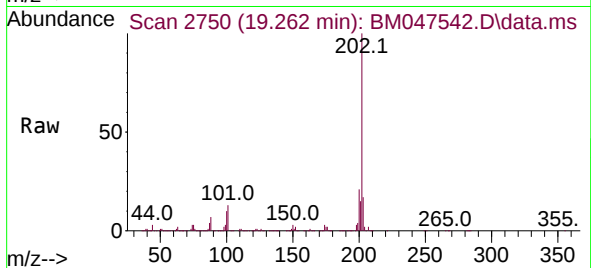
LOQ-SOIL-02-QT2-2024

Tgt Ion:	202	Resp:	85592
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	30.8
203	17.1	0.0	37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#76

Chrysene-d12

Concen: 20.000 ng

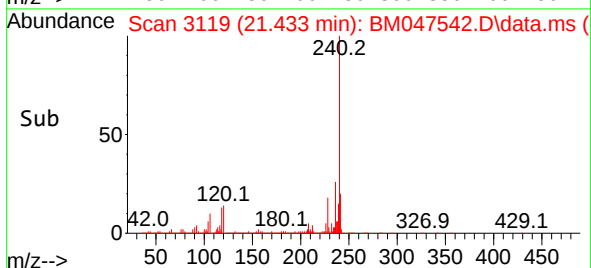
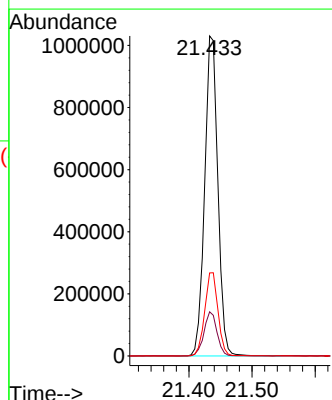
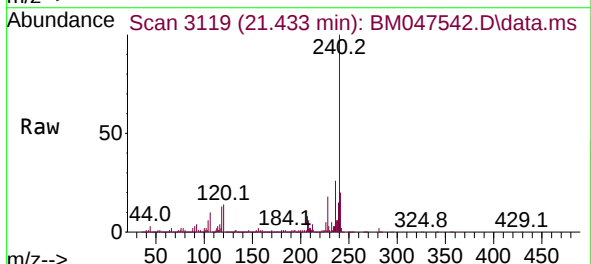
RT: 21.433 min Scan# 3119

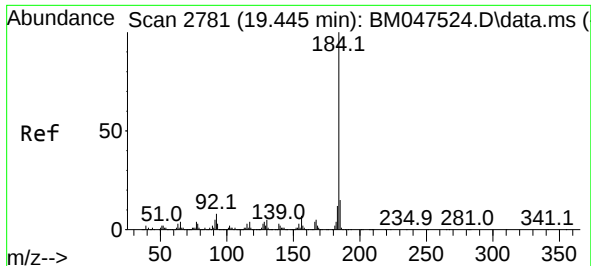
Delta R.T. -0.011 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

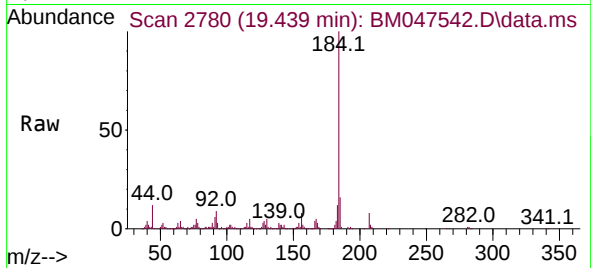
Tgt Ion:	240	Resp:	1496686
Ion Ratio	Lower	Upper	
240	100		
120	13.8	9.6	14.4
236	26.0	20.9	31.3





#77
Benzidine
Concen: 13.070 ng
RT: 19.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

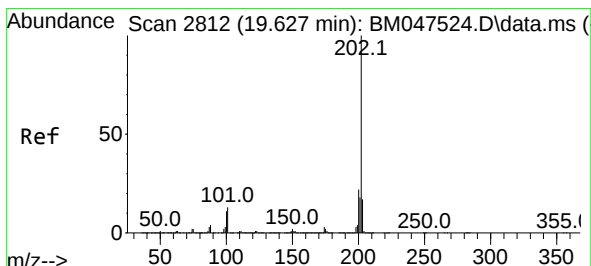
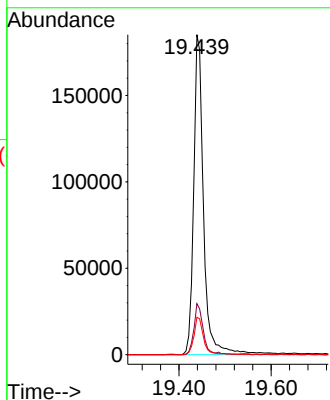
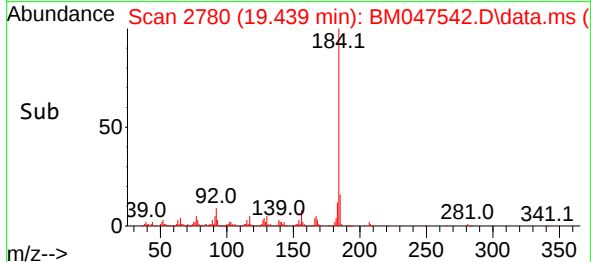
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



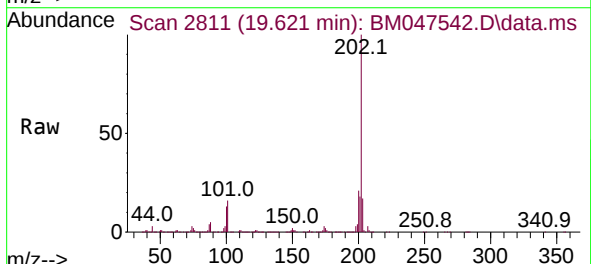
Tgt Ion:184 Resp: 275492
Ion Ratio Lower Upper
184 100
185 16.0 12.2 18.2
183 11.7 9.6 14.4

Manual Integrations
APPROVED

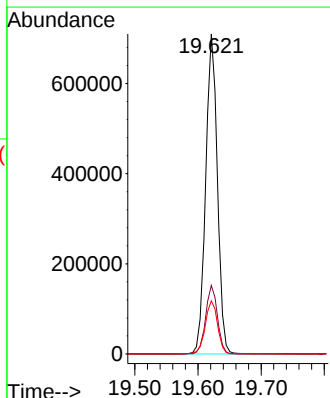
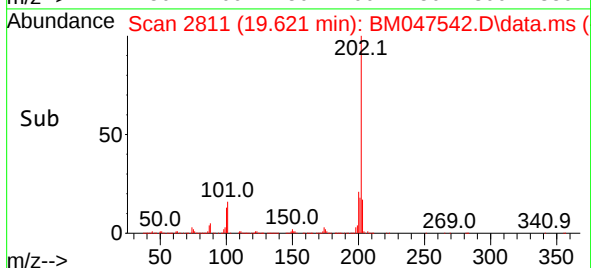
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

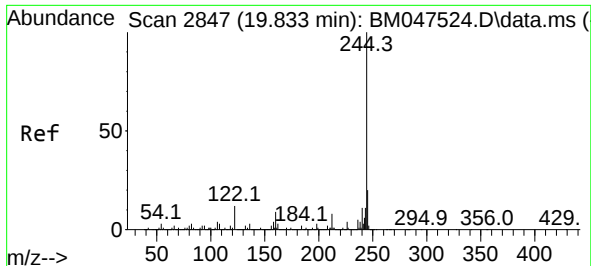


#78
Pyrene
Concen: 8.351 ng
RT: 19.621 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21



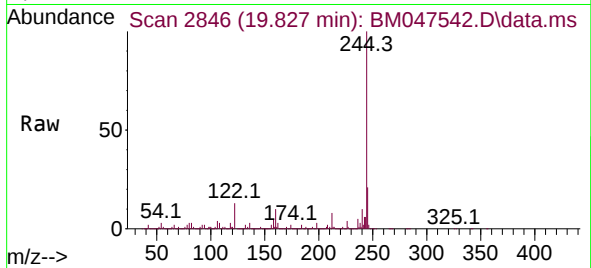
Tgt Ion:202 Resp: 911693
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 16.6 14.0 21.0





#79
 Terphenyl-d14
 Concen: 95.454 ng
 RT: 19.827 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047542.D
 Acq: 17 Sep 2024 13:21

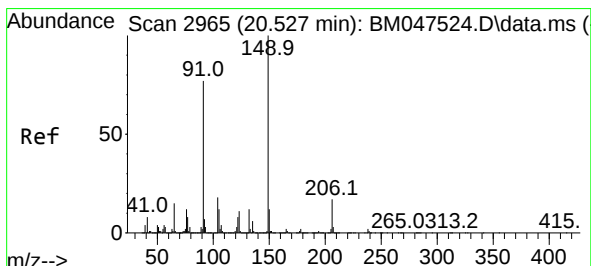
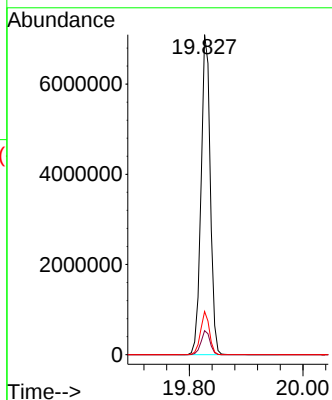
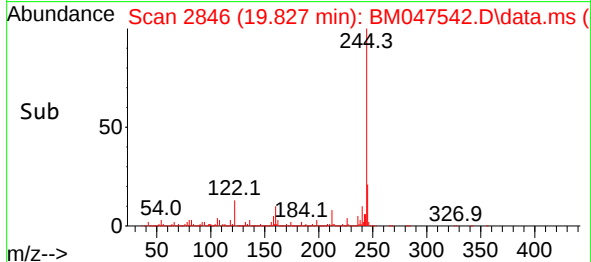
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024



Tgt Ion:244 Resp: 7972634
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 13.5 9.6 14.4

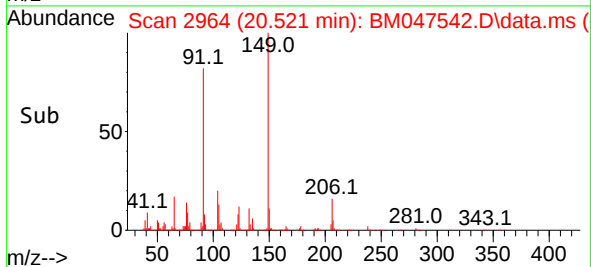
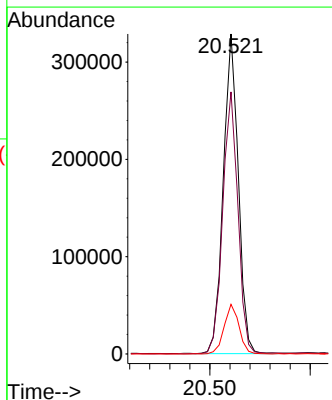
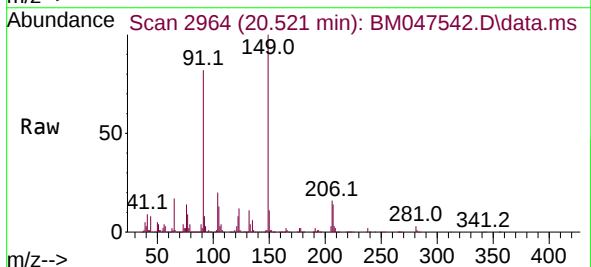
Manual Integrations
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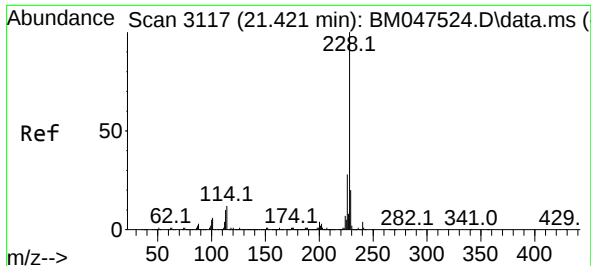
Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#80
 Butylbenzylphthalate
 Concen: 8.104 ng
 RT: 20.521 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BM047542.D
 Acq: 17 Sep 2024 13:21

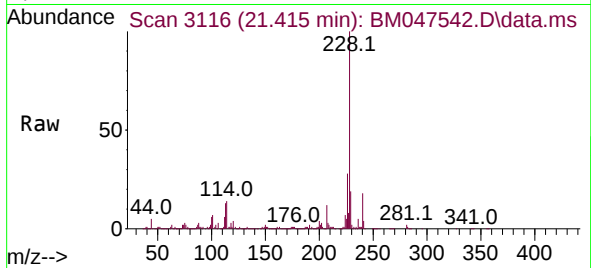
Tgt Ion:149 Resp: 340571
 Ion Ratio Lower Upper
 149 100
 91 81.9 62.0 93.0
 206 15.5 13.8 20.8





#81
Benzo(a)anthracene
Concen: 9.226 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

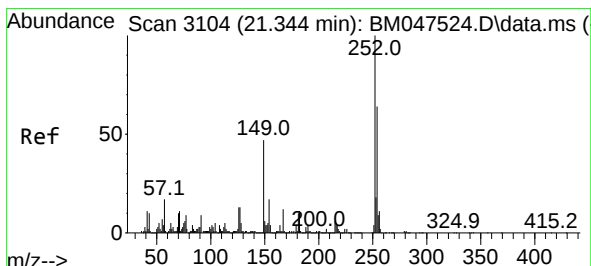
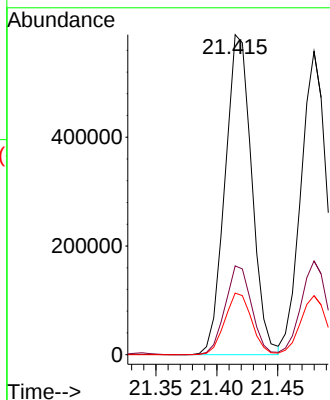
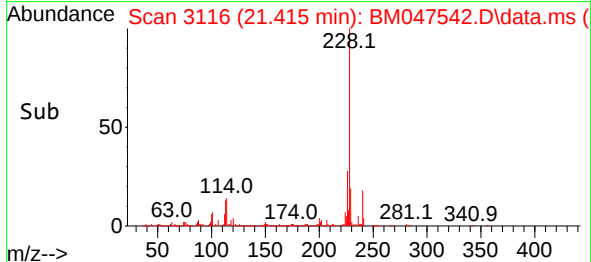
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:228 Resp: 900015
Ion Ratio Lower Upper
228 100
226 27.8 22.4 33.6
229 19.2 16.0 24.0

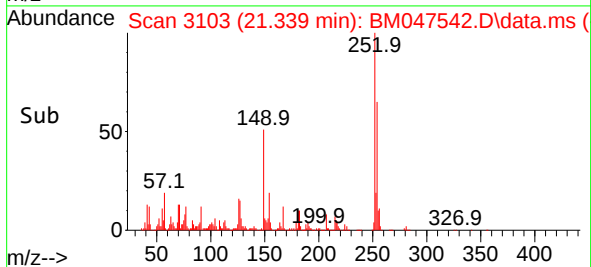
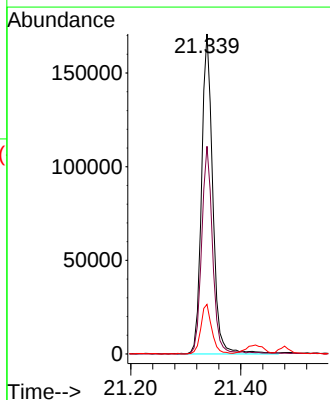
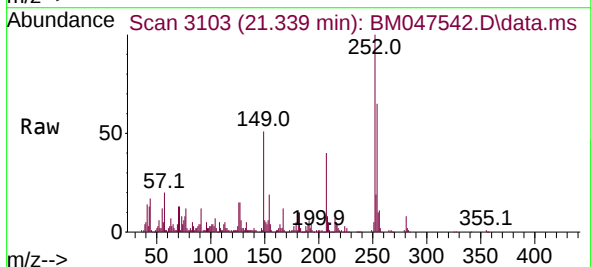
Manual Integrations
APPROVED

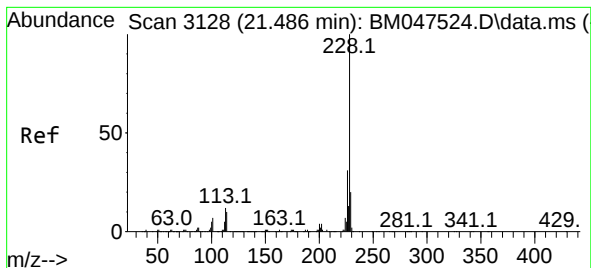
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#82
3,3'-Dichlorobenzidine
Concen: 9.329 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM047542.D
Acq: 17 Sep 2024 13:21

Tgt Ion:252 Resp: 242101
Ion Ratio Lower Upper
252 100
254 64.9 51.5 77.3
126 15.5 10.3 15.5#





#83

Chrysene

Concen: 8.900 ng

RT: 21.480 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Instrument :

BNA_M

ClientSampleId :

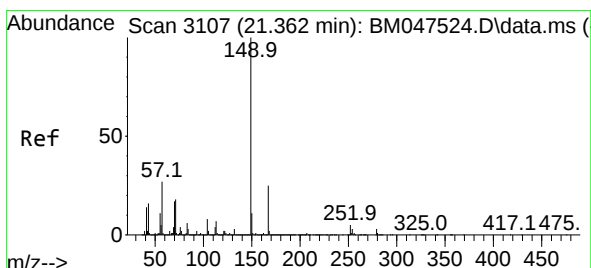
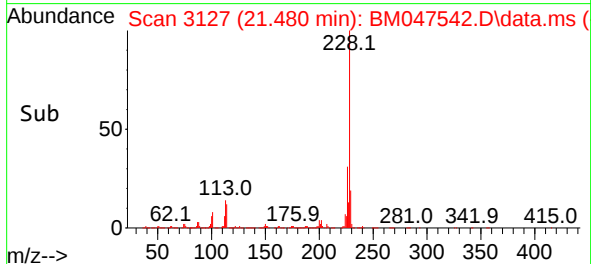
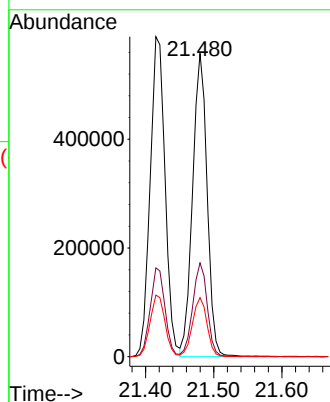
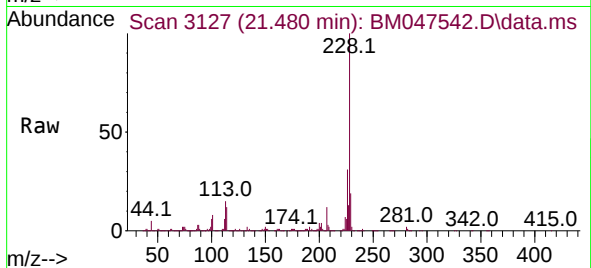
LOQ-SOIL-02-QT2-2024

Tgt Ion:228 Resp: 821190
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 19.5 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.683 ng

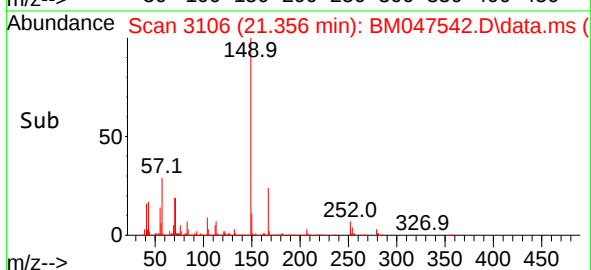
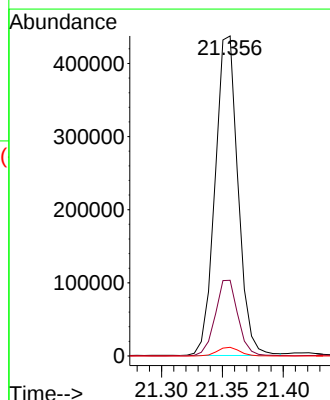
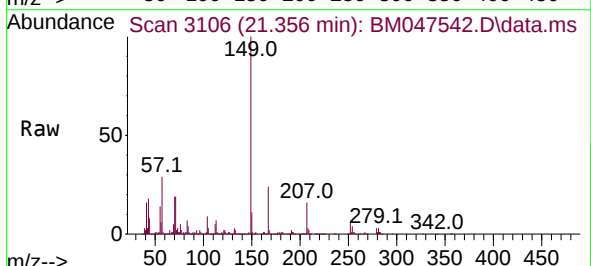
RT: 21.356 min Scan# 3106

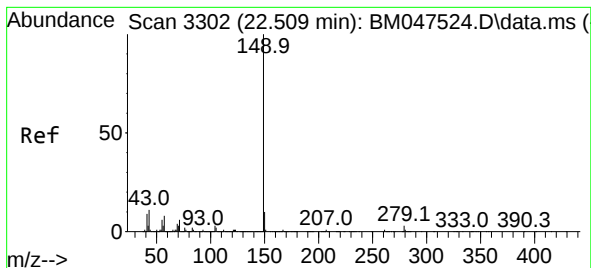
Delta R.T. -0.006 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Tgt Ion:149 Resp: 571643
 Ion Ratio Lower Upper
 149 100
 167 23.7 20.2 30.4
 279 2.7 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 8.933 ng

RT: 22.497 min Scan# 3302

Delta R.T. -0.012 min

Lab File: BM047542.D

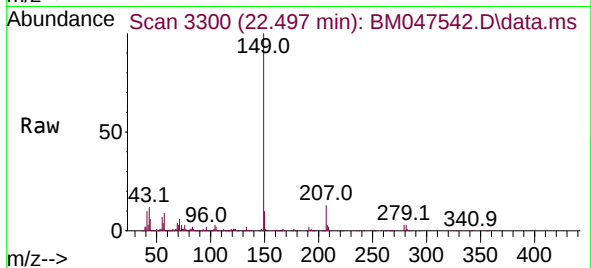
Acq: 17 Sep 2024 13:21

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024



Tgt Ion:149 Resp: 831910

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

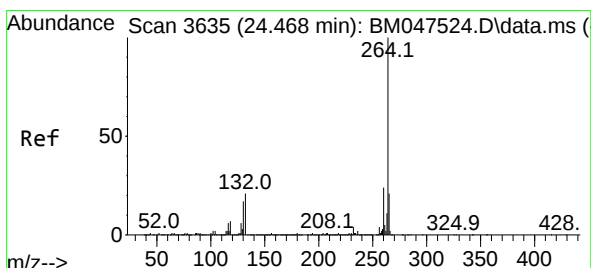
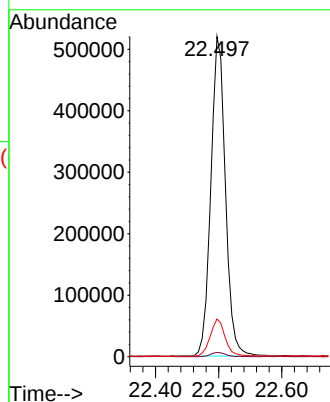
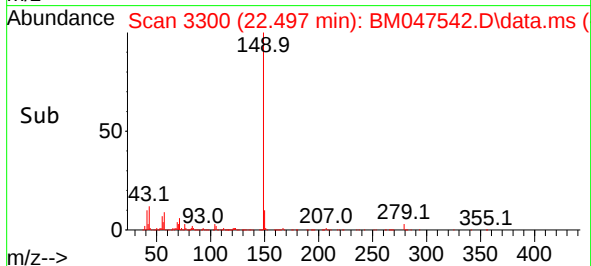
43 12.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.462 min Scan# 3634

Delta R.T. -0.006 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

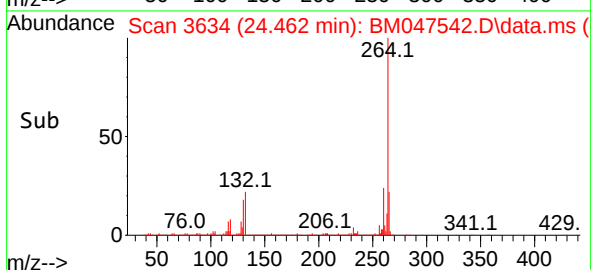
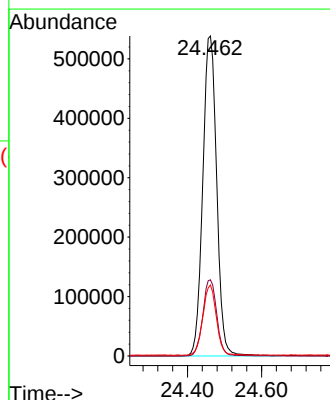
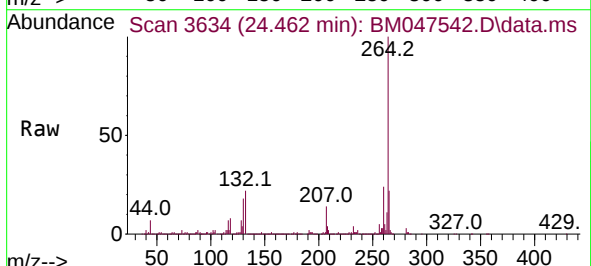
Tgt Ion:264 Resp: 1402476

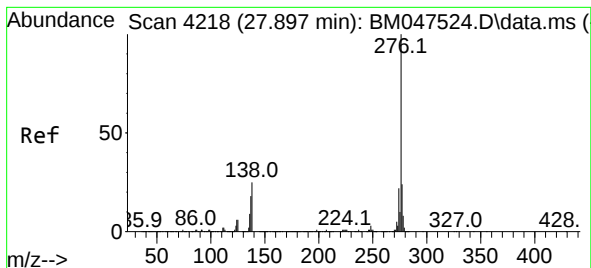
Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.519 ng

RT: 27.879 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Instrument :

BNA_M

ClientSampleId :

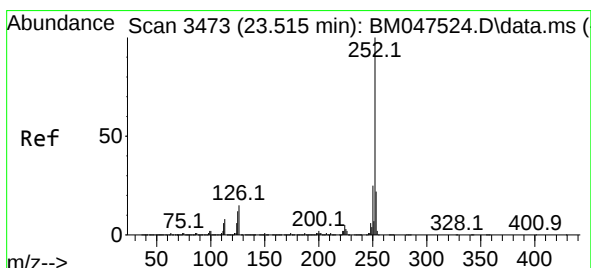
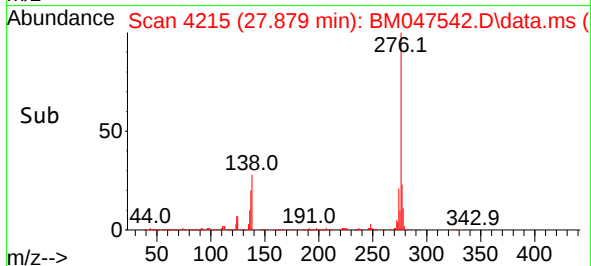
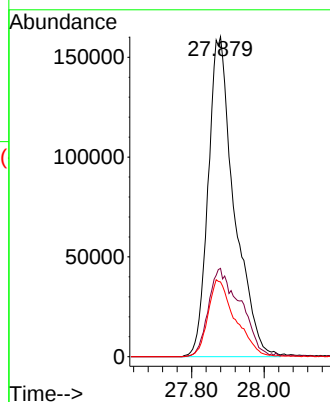
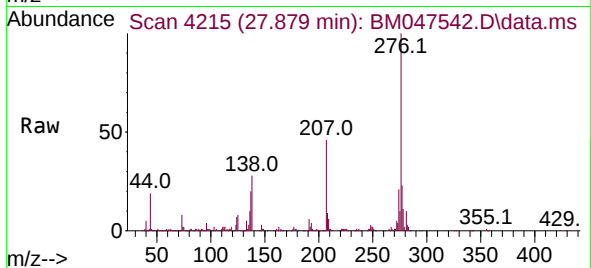
LOQ-SOIL-02-QT2-2024

Tgt Ion:	276	Resp:	79897
Ion Ratio	Lower	Upper	
276	100		
138	33.7	25.0	37.6
277	25.2	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#88

Benzo(b)fluoranthene

Concen: 8.385 ng

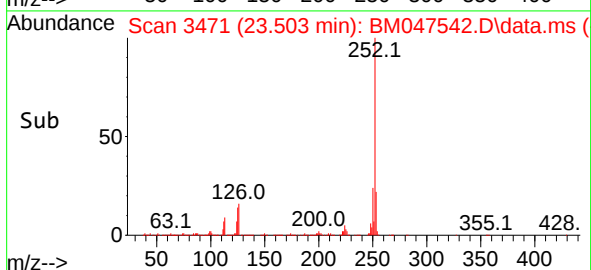
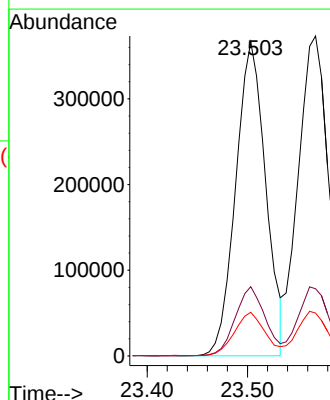
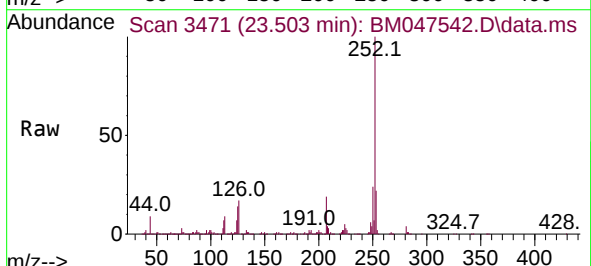
RT: 23.503 min Scan# 3471

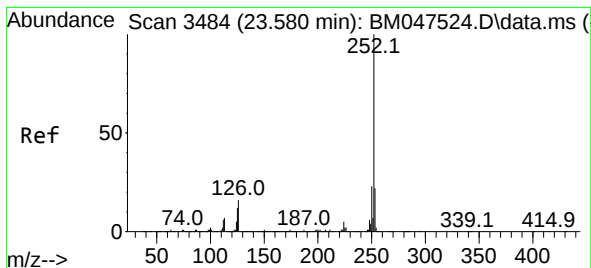
Delta R.T. -0.012 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Tgt Ion:	252	Resp:	760836
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	13.9	9.5	14.3





#89

Benzo(k)fluoranthene

Concen: 8.929 ng

RT: 23.568 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Instrument :

BNA_M

ClientSampleId :

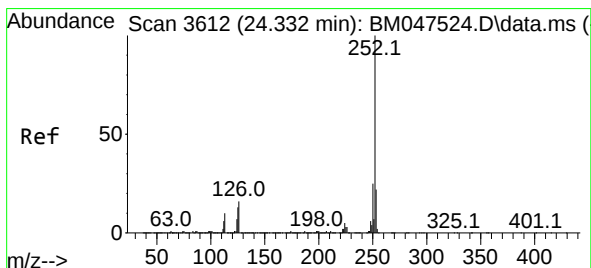
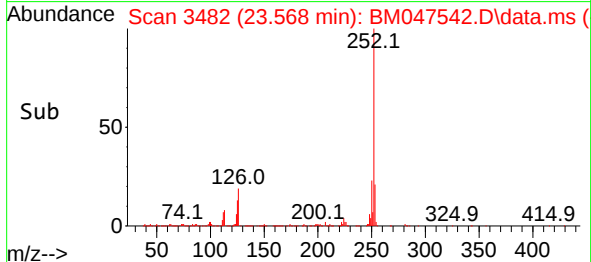
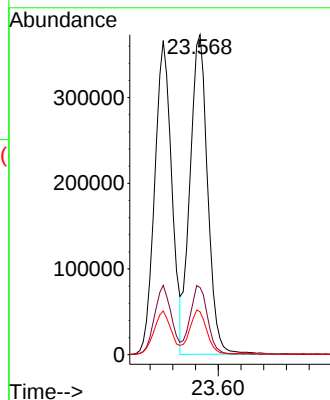
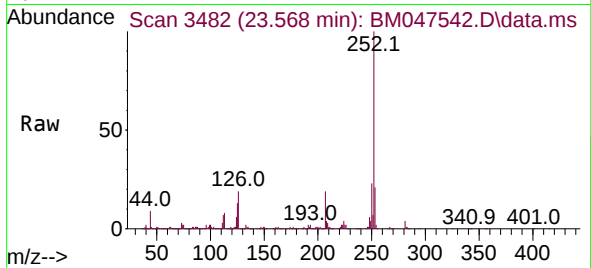
LOQ-SOIL-02-QT2-2024

Tgt Ion:252 Resp: 803014
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.8 26.6
 125 13.4 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#90

Benzo(a)pyrene

Concen: 9.210 ng

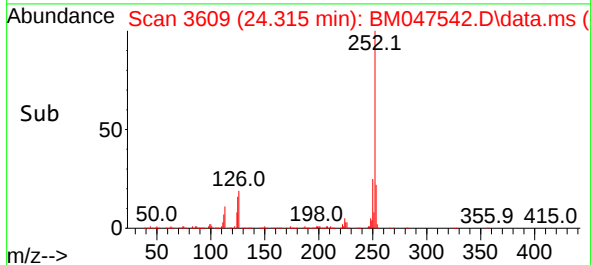
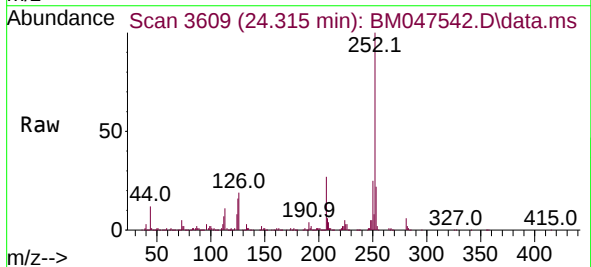
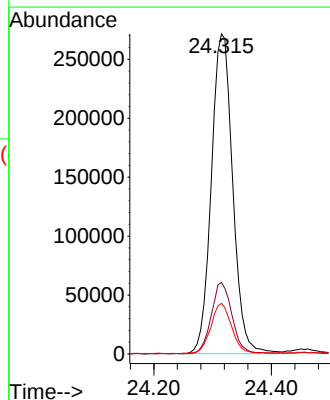
RT: 24.315 min Scan# 3609

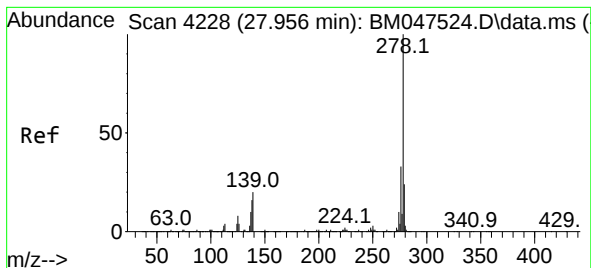
Delta R.T. -0.018 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Tgt Ion:252 Resp: 685001
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.7 26.5
 125 15.8 10.2 15.4#





#91

Dibenzo(a,h)anthracene

Concen: 9.149 ng

RT: 27.932 min Scan# 4394

Delta R.T. -0.023 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:278 Resp: 64603

Ion Ratio Lower Upper

278 100

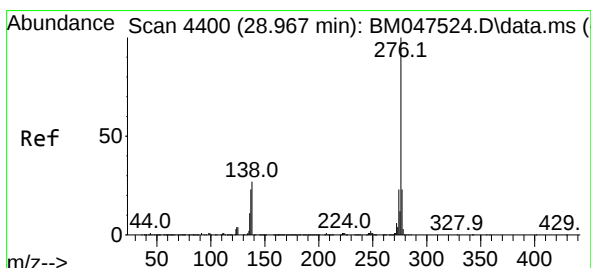
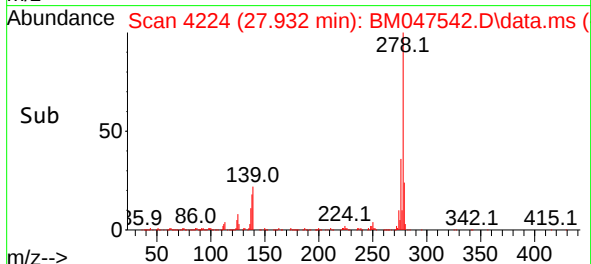
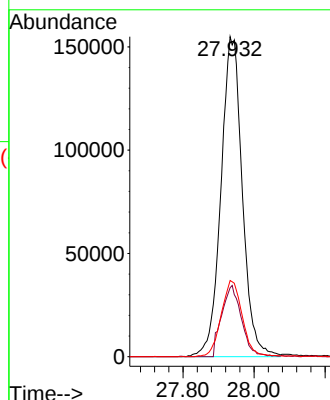
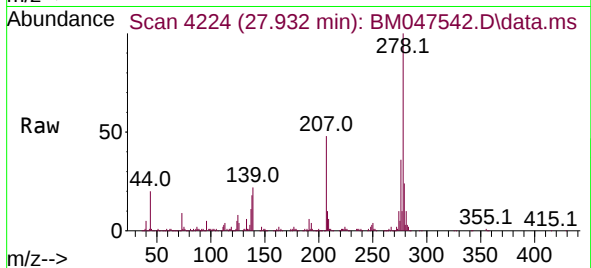
139 21.6 15.9 23.9

279 23.8 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#92

Benzo(g,h,i)perylene

Concen: 8.857 ng

RT: 28.932 min Scan# 4394

Delta R.T. -0.035 min

Lab File: BM047542.D

Acq: 17 Sep 2024 13:21

Tgt Ion:276 Resp: 610970

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 32.5 21.5 32.3#

