

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112224\
 Data File : BP023304.D
 Acq On : 22 Nov 2024 15:22
 Operator : RC/JU
 Sample : P4776-03
 Misc : MDL-SOIL-QT4-2024
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Quant Time: Nov 22 23:45:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 04:34:35 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	89373	20.000	ng/u1	0.00
20) Naphthalene-d8	10.304	136	329931	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.169	164	258130	20.000	ng/u1	-0.02
64) Phenanthrene-d10	16.986	188	630150	20.000	ng/u1	-0.01
79) Chrysene-d12	21.439	240	712229	20.000	ng/u1	0.02
88) Perylene-d12	24.663	264	817314	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	7925	4.262	ng/uL	0.00
4) Pyridine-d5	3.552	84	65210	11.805	ng/u1	0.00
7) Phenol-d5	6.775	99	81867	12.390	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	55305	14.246	ng/u1	0.00
11) 2-Chlorophenol-d4	7.111	132	64161	13.258	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	63974	11.765	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	29895	13.015	ng/u1	0.00
24) 2-Nitrophenol-d4	9.422	143	33719	12.314	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	69927	12.194	ng/u1	0.00
31) 4-Chloroaniline-d4	10.469	131	75016	10.965	ng/u1	0.00
46) Dimethylphthalate-d6	13.593	166	250171	13.447	ng/u1	0.00
49) Acenaphthylene-d8	13.863	160	261283	13.460	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.493	143	35063m	12.541	ng/u1	0.04
60) Fluorene-d10	15.187	176	218203	13.378	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.363	200	35840	9.494	ng/u1	0.01
73) Anthracene-d10	17.098	188	355979m	13.342	ng/u1	0.00
81) Pyrene-d10	19.486	212	462418	14.096	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.451	264	535686	13.760	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	2504m	1.166	ng/uL	
5) Pyridine	3.575	79	22128	3.989	ng/u1#	77
6) Benzaldehyde	6.752	77	18613	4.895	ng/u1	96
8) Phenol	6.805	94	27179	3.939	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.005	93	24260	4.679	ng/u1#	92
12) 2-Chlorophenol	7.152	128	22029	4.385	ng/u1	99
13) 2-Methylphenol	8.022	108	20528	3.986	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.069	45	30036	5.117	ng/u1#	93
16) Acetophenone	8.387	105	37670	4.123	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.358	70	20326	4.455	ng/u1	99
18) 4-Methylphenol	8.352	108	22696	3.990	ng/u1	95
19) Hexachloroethane	8.599	117	11048	4.547	ng/u1	94
22) Nitrobenzene	8.752	77	31083	4.716	ng/u1	97
23) Isophorone	9.263	82	53768	4.563	ng/u1	96
25) 2-Nitrophenol	9.457	139	11854	4.101	ng/u1	95
26) 2,4-Dimethylphenol	9.522	107	23268	3.728	ng/u1	92
27) Bis(2-Chloroethoxy)met...	9.740	93	31195	4.811	ng/u1	98
29) 2,4-Dichlorophenol	9.993	162	22775	4.010	ng/u1	94
30) Naphthalene	10.357	128	74576	4.653	ng/u1	100
32) 4-Chloroaniline	10.493	127	24343	3.673	ng/u1	94
33) Hexachlorobutadiene	10.628	225	22300	4.339	ng/u1	96
34) Caprolactam	11.293	113	6434m	3.808	ng/u1	
35) 4-Chloro-3-methylphenol	11.646	107	22617	3.701	ng/u1	87
36) 2-Methylnaphthalene	11.975	142	52070	4.303	ng/u1	92

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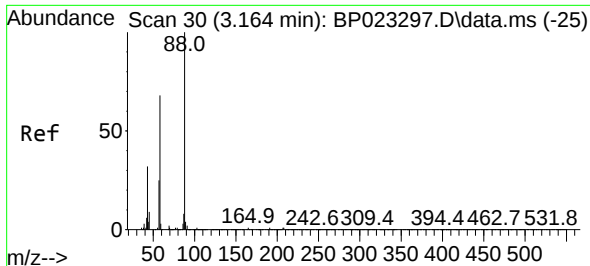
Quant Time: Nov 22 23:45:10 2024
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 Quant Title : SVOA CALIBRATION
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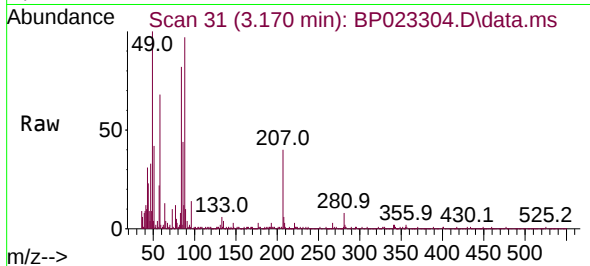
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.199	142	49081	3.968	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.351	216	38346	4.400	ng/ul	98
40) Hexachlorocyclopentadiene	12.304	237	21313	4.656	ng/ul	97
41) 2,4,6-Trichlorophenol	12.622	196	21171m	3.990	ng/ul	
42) 2,4,5-Trichlorophenol	12.716	196	21796m	3.810	ng/ul	
43) 1,1'-Biphenyl	12.998	154	75553	4.568	ng/ul	97
44) 2-Chloronaphthalene	13.040	162	61090	4.518	ng/ul	98
45) 2-Nitroaniline	13.293	65	15445	4.068	ng/ul	97
47) Dimethylphthalate	13.640	163	82534	4.498	ng/ul	98
48) 2,6-Dinitrotoluene	13.775	165	13931	3.903	ng/ul#	87
50) Acenaphthylene	13.893	152	90674	4.621	ng/ul	99
51) 3-Nitroaniline	14.134	138	11038m	3.591	ng/ul	
52) Acenaphthene	14.240	153	62409	4.381	ng/ul	98
53) 2,4-Dinitrophenol	14.381	184	12435	4.910	ng/ul	92
55) 4-Nitrophenol	14.493	109	11297m	3.454	ng/ul	
56) Dibenzofuran	14.592	168	98325	4.467	ng/ul	100
57) 2,4-Dinitrotoluene	14.604	165	22826m	4.013	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	14.834	232	22837	4.084	ng/ul#	92
59) Diethylphthalate	15.028	149	75763	4.175	ng/ul	99
61) Fluorene	15.240	166	78750	4.371	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.245	204	46365	4.371	ng/ul	98
63) 4-Nitroaniline	15.328	138	11502	4.021	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.375	198	15305	3.795	ng/ul#	81
67) N-Nitrosodiphenylamine	15.463	169	66674	4.579	ng/ul	96
68) 4-Bromophenyl-phenylether	16.163	248	30606	4.289	ng/ul	93
69) Hexachlorobenzene	16.275	284	39503	4.397	ng/ul	96
70) Atrazine	16.457	200	31372	4.457	ng/ul	94
71) Pentachlorophenol	16.657	266	35632	6.389	ng/ul	97
72) Phenanthrene	17.028	178	134948	4.536	ng/ul	99
74) Anthracene	17.139	178	133379	4.459	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.963	216	35855	4.310	ng/ul	95
76) Pentachlorobenzene	14.504	250	39980	4.208	ng/ul	95
77) Carbazole	17.434	167	109873	4.210	ng/ul	98
78) Di-n-butylphthalate	17.998	149	123922	4.279	ng/ul	99
80) Fluoranthene	19.133	202	173354	4.587	ng/ul	99
82) Pyrene	19.516	202	188570	4.644	ng/ul	99
83) Butylbenzylphthalate	20.469	149	56665	4.239	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.357	252	61892	3.871	ng/ul#	95
85) Benzo(a)anthracene	21.422	228	200949	4.621	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.345	149	78893	4.153	ng/ul#	97
87) Chrysene	21.486	228	188814	4.614	ng/ul	97
89) Di-n-octyl phthalate	22.569	149	136408	4.114	ng/ul	100
90) Benzo(b)fluoranthene	23.651	252	207792	4.568	ng/ul	96
91) Benzo(k)fluoranthene	23.721	252	201806	4.506	ng/ul#	97
93) Benzo(a)pyrene	24.515	252	180313	4.385	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.345	276	247946m	4.328	ng/ul	
95) Dibenzo(a,h)anthracene	28.398	278	199599m	4.291	ng/ul	
96) Benzo(g,h,i)perylene	29.462	276	192937m	4.434	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.166 ng/uL m
RT: 3.170 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

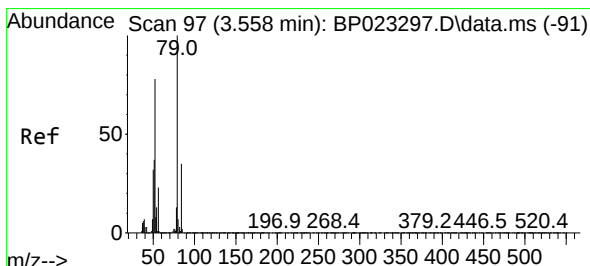
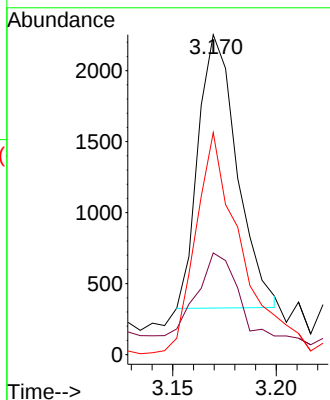
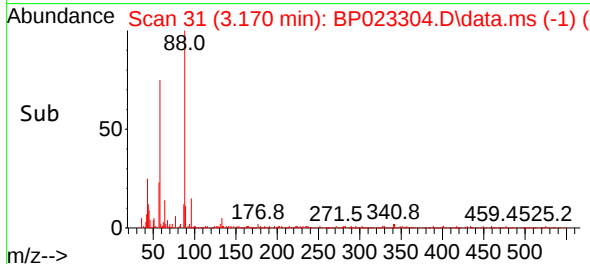
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 88 Resp: 2504
Ion Ratio Lower Upper
88 100
43 31.8 24.2 36.4
58 69.4 59.2 88.8

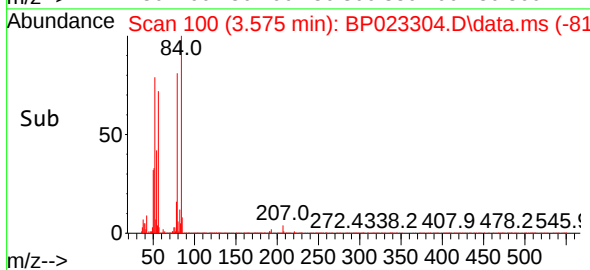
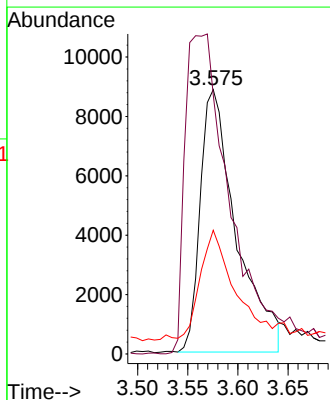
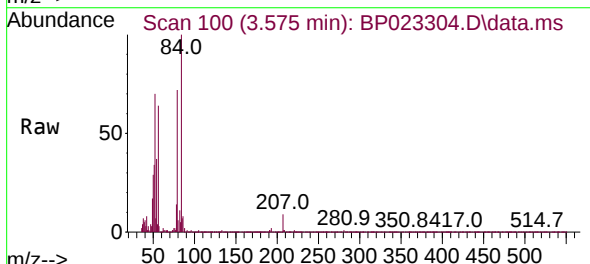
Manual Integrations
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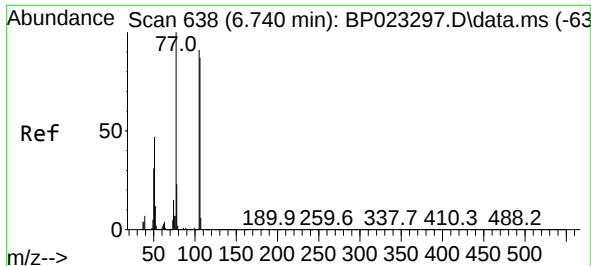
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#5
Pyridine
Concen: 3.989 ng/uL
RT: 3.575 min Scan# 100
Delta R.T. 0.012 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Tgt Ion: 79 Resp: 22128
Ion Ratio Lower Upper
79 100
52 98.0 59.5 89.3#
51 46.8 30.4 45.6#





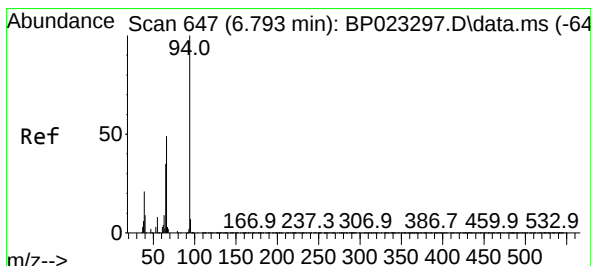
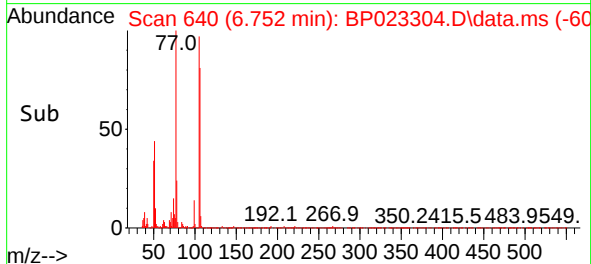
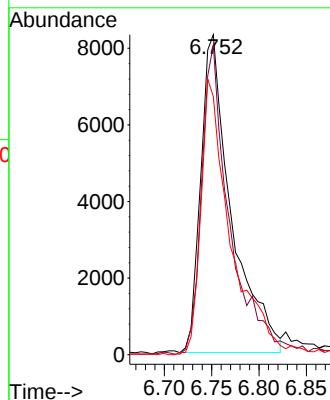
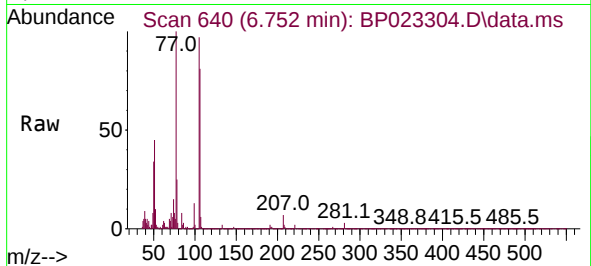
#6
Benzaldehyde
Concen: 4.895 ng/ul
RT: 6.752 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT4-2024-07

Tgt Ion	Ratio	Lower	Upper
77	100		
105	96.8	72.5	108.7
106	80.7	65.5	98.3

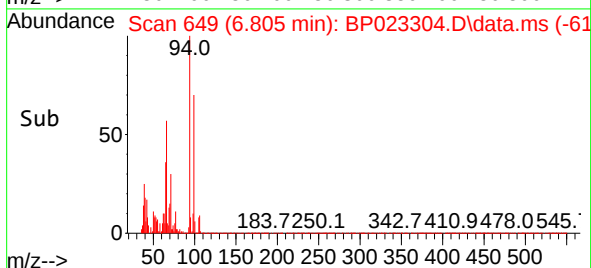
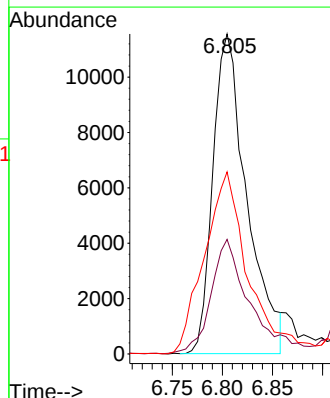
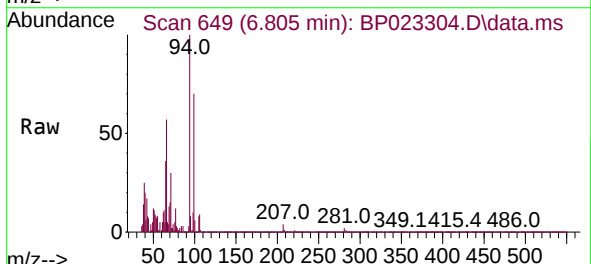
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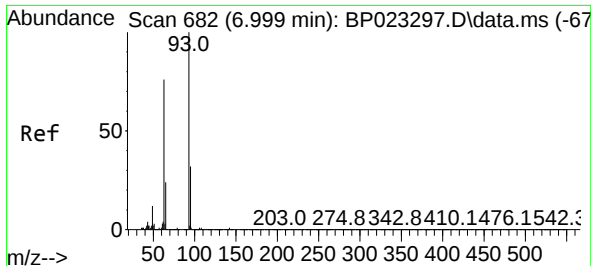
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#8
Phenol
Concen: 3.939 ng/ul
RT: 6.805 min Scan# 649
Delta R.T. 0.000 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

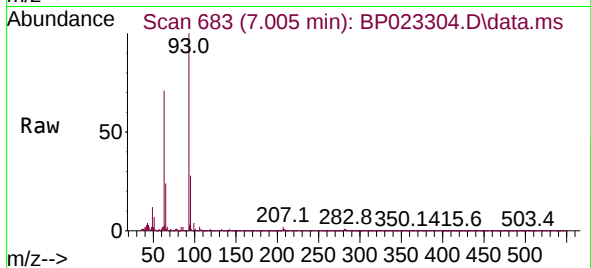
Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.8	26.2	39.4
66	56.9	40.2	60.4





#10
Bis(2-Chloroethyl)ether
Concen: 4.679 ng/ul
RT: 7.005 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

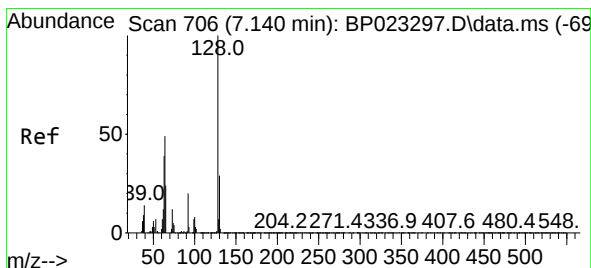
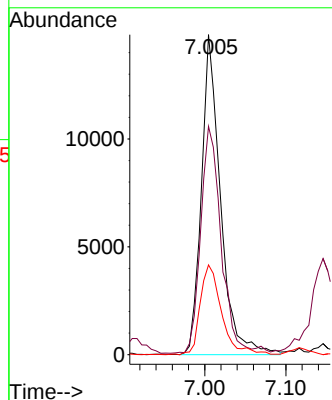
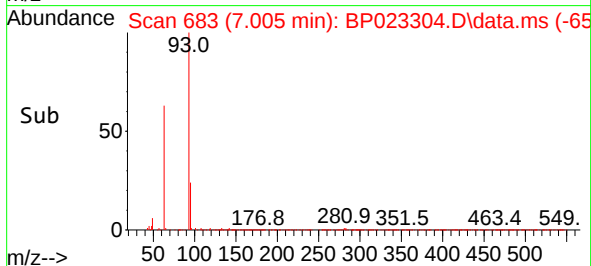
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 93 Resp: 24260
Ion Ratio Lower Upper
93 100
63 71.3 60.6 91.0
95 28.1 29.0 43.4

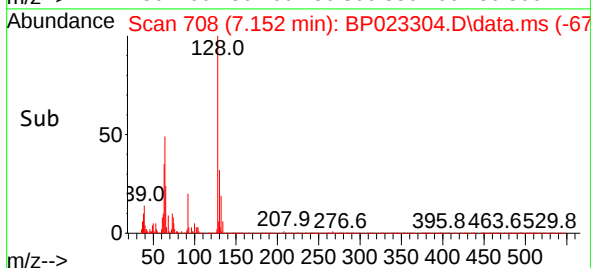
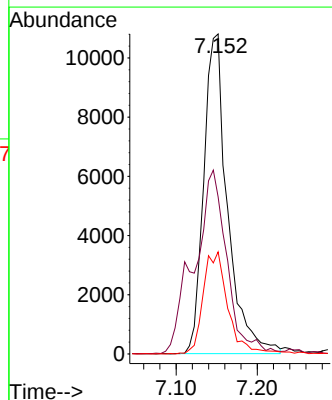
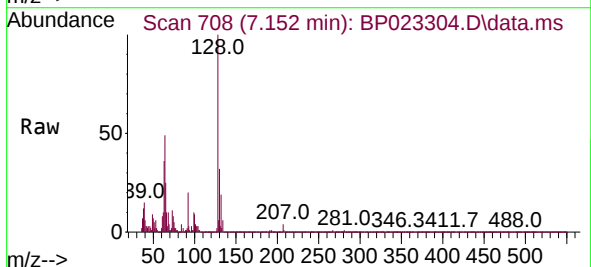
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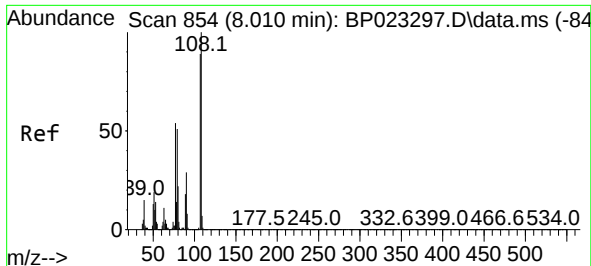
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#12
2-Chlorophenol
Concen: 4.385 ng/ul
RT: 7.152 min Scan# 708
Delta R.T. 0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Tgt Ion:128 Resp: 22029
Ion Ratio Lower Upper
128 100
64 49.1 39.0 58.6
130 31.9 26.4 39.6





#13

2-Methylphenol

Concen: 3.986 ng/ul

RT: 8.022 min Scan# 8

Delta R.T. 0.006 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2024-07

Tgt Ion:108 Resp: 20528

Ion Ratio Lower Upper

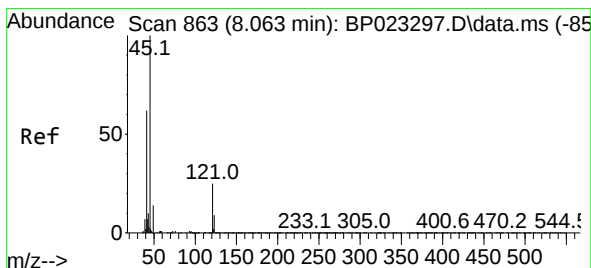
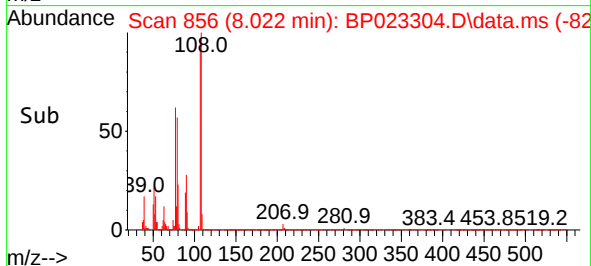
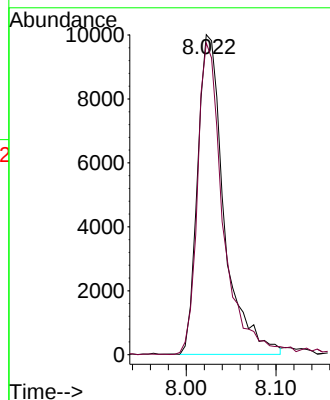
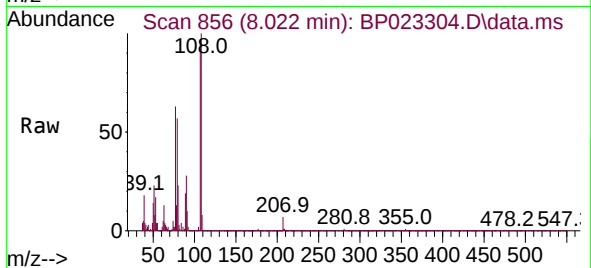
108 100

107 97.4 73.3 109.9

Manual Integrations

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Supervised By :mohammad ahmed 11/27/2024



#14

2,2'-oxybis(1-Chloropropane)

Concen: 5.117 ng/ul

RT: 8.069 min Scan# 864

Delta R.T. -0.006 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

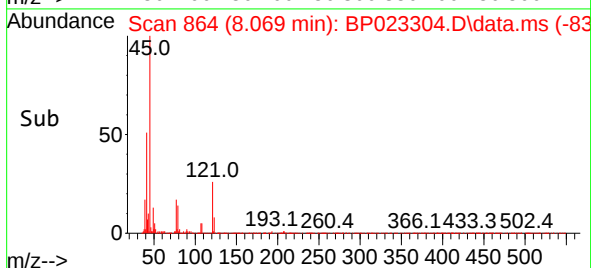
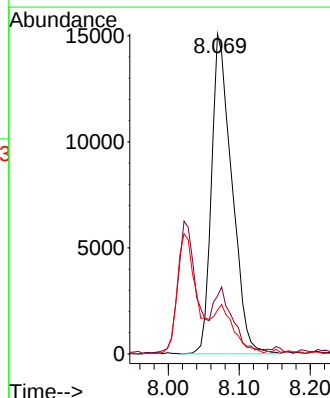
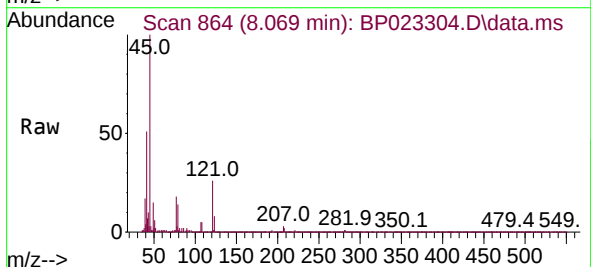
Tgt Ion: 45 Resp: 30036

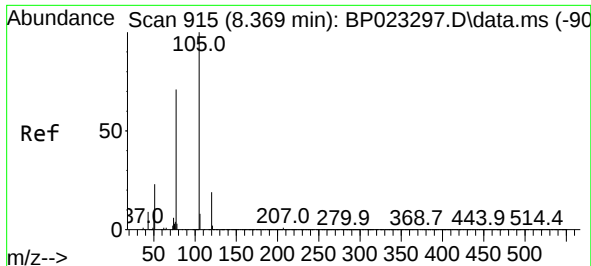
Ion Ratio Lower Upper

45 100

77 18.1 18.2 27.2#

79 13.7 11.7 17.5





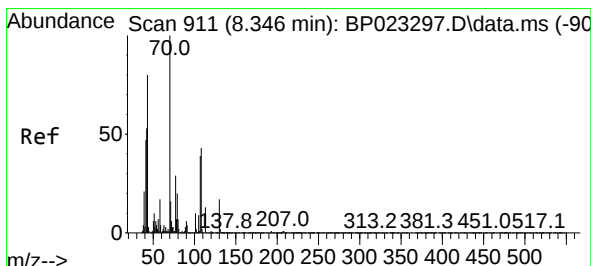
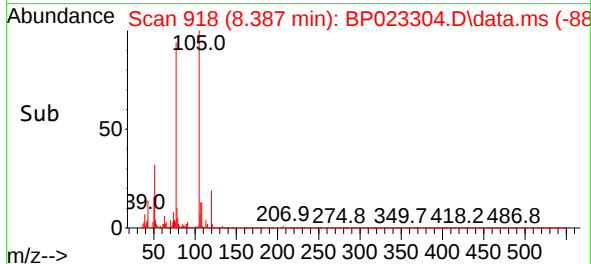
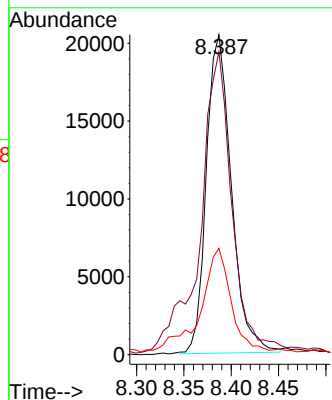
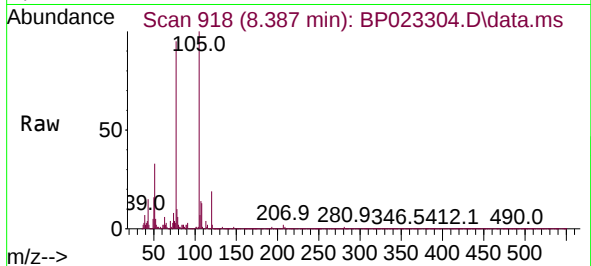
#16
Acetophenone
Concen: 4.123 ng/ul
RT: 8.387 min Scan# 915
Delta R.T. 0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:105 Resp: 37670
Ion Ratio Lower Upper
105 100
77 94.6 69.4 104.0
51 33.3 23.2 34.8

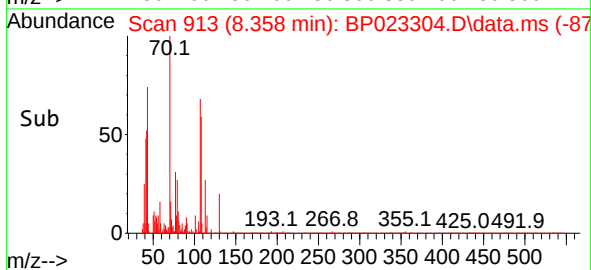
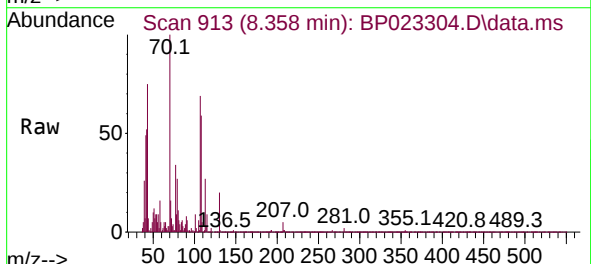
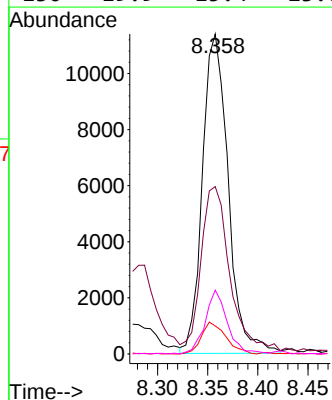
Manual Integrations
APPROVED

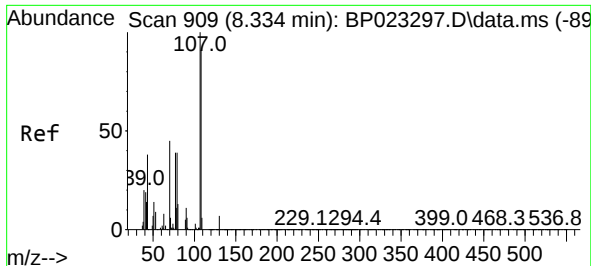
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.455 ng/ul
RT: 8.358 min Scan# 913
Delta R.T. 0.000 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Tgt Ion: 70 Resp: 20326
Ion Ratio Lower Upper
70 100
42 52.3 42.3 63.5
101 8.7 7.4 11.2
130 19.9 15.4 23.0





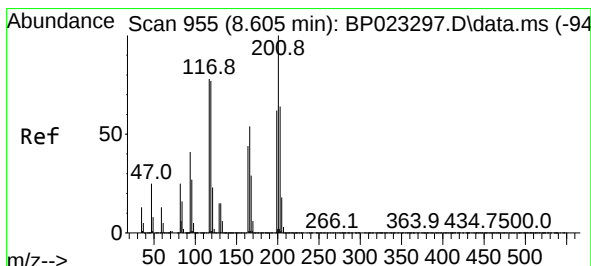
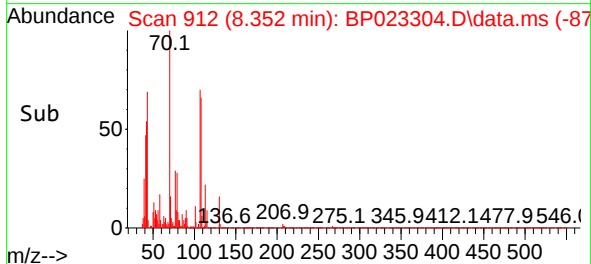
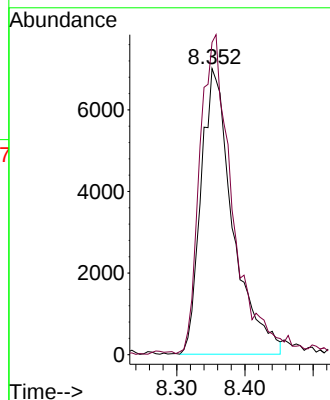
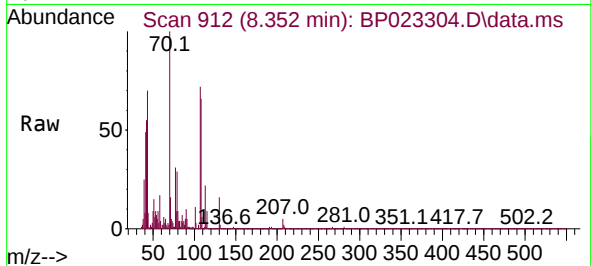
#18
4-Methylphenol
Concen: 3.990 ng/ul
RT: 8.352 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:108 Resp: 22690
Ion Ratio Lower Upper
108 100
107 109.2 91.5 137.3

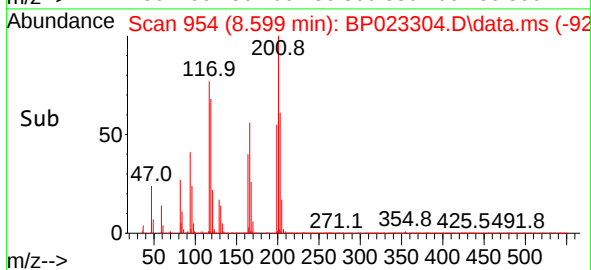
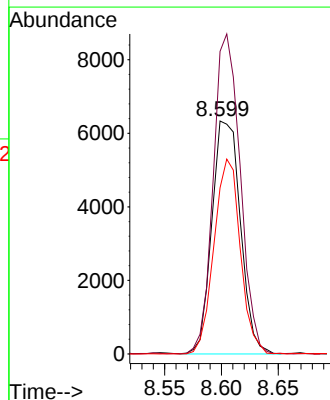
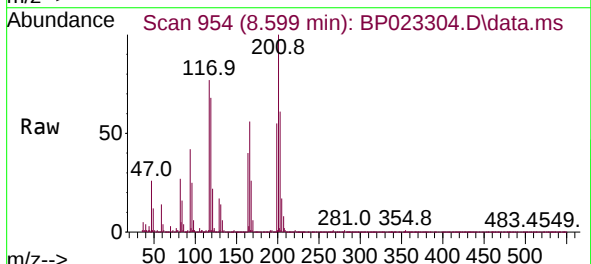
Manual Integrations
APPROVED

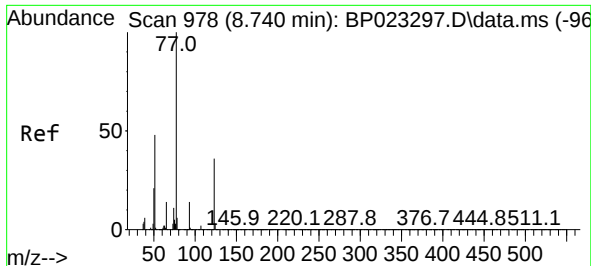
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#19
Hexachloroethane
Concen: 4.547 ng/ul
RT: 8.599 min Scan# 954
Delta R.T. -0.017 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

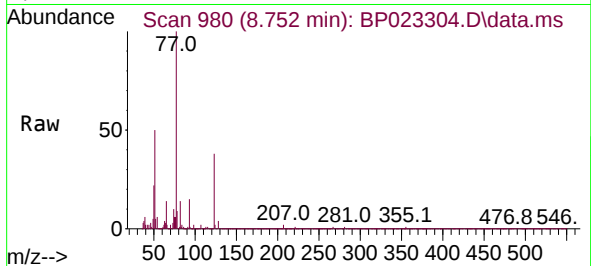
Tgt Ion:117 Resp: 11048
Ion Ratio Lower Upper
117 100
201 129.9 105.0 157.6
199 71.3 65.9 98.9





#22
Nitrobenzene
Concen: 4.716 ng/ul
RT: 8.752 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

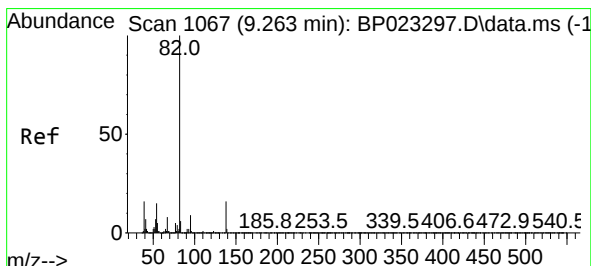
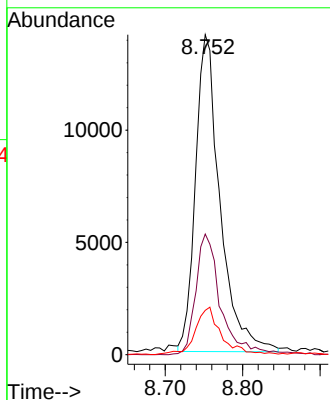
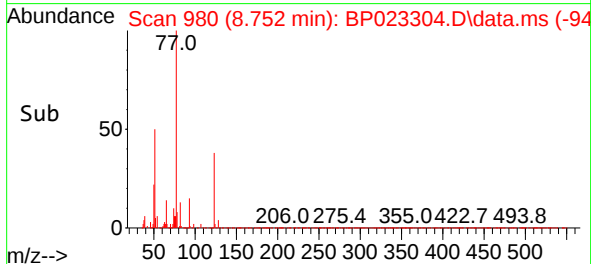
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 77 Resp: 3108
Ion Ratio Lower Upper
77 100
123 37.7 32.2 48.4
65 13.9 10.9 16.3

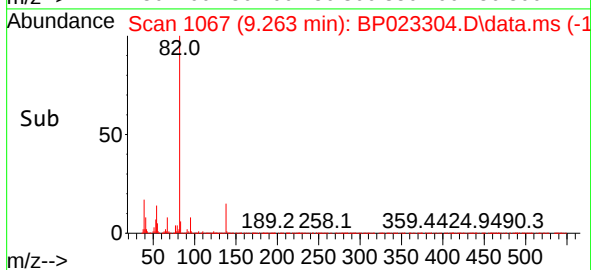
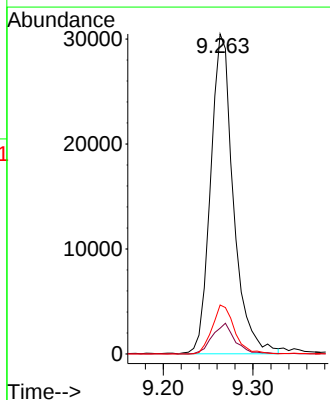
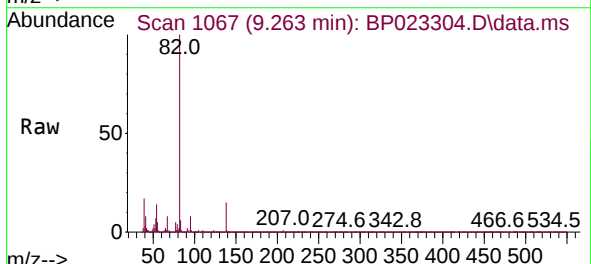
Manual Integrations
APPROVED

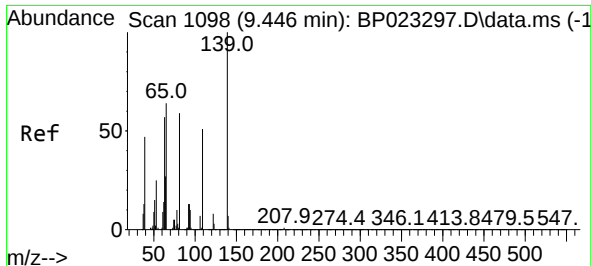
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#23
Isophorone
Concen: 4.563 ng/ul
RT: 9.263 min Scan# 1067
Delta R.T. -0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Tgt Ion: 82 Resp: 53768
Ion Ratio Lower Upper
82 100
95 8.0 7.6 11.4
138 15.3 13.4 20.2





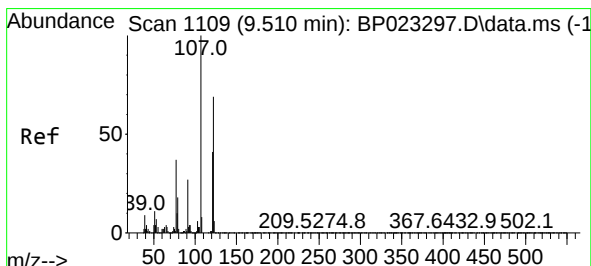
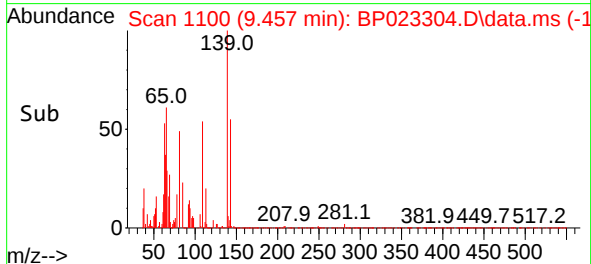
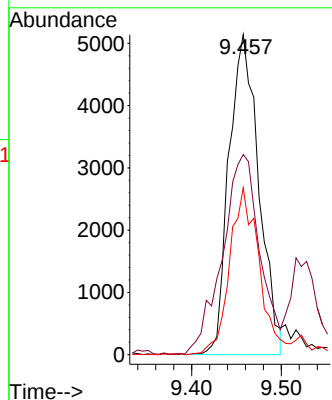
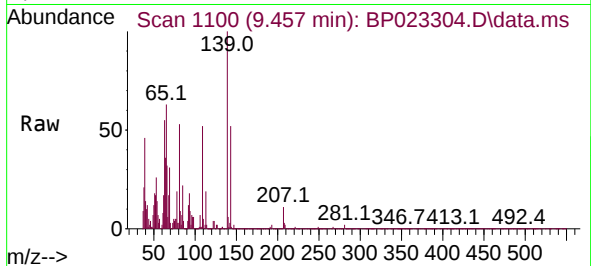
#25
2-Nitrophenol
Concen: 4.101 ng/ul
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion	Ratio	Lower	Upper
139	100		
65	62.5	52.8	79.2
109	52.2	38.9	58.3

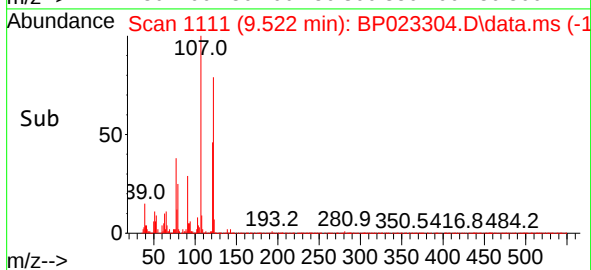
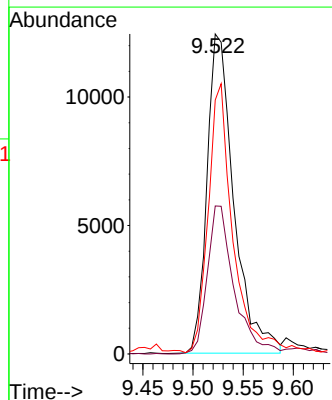
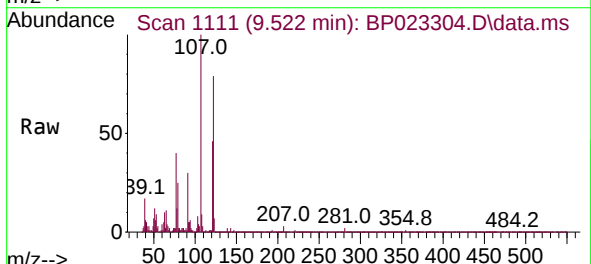
Manual Integrations
APPROVED

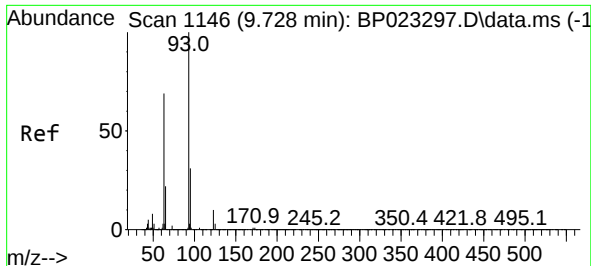
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2,4-Dimethylphenol
Concen: 3.728 ng/ul
RT: 9.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Tgt Ion	Ratio	Lower	Upper
107	100		
121	46.2	34.4	51.6
122	79.3	56.7	85.1





#27

Bis(2-Chloroethoxy)methane

Concen: 4.811 ng/ul

RT: 9.740 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Instrument :

BNA_P

ClientSampleId :

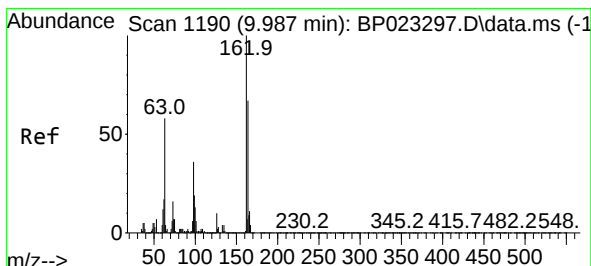
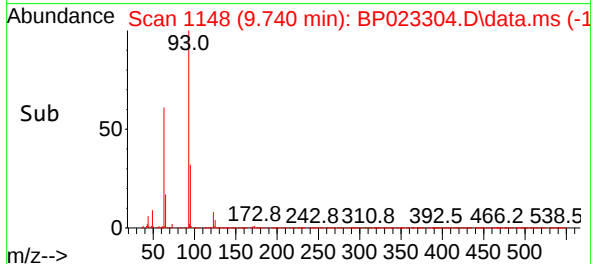
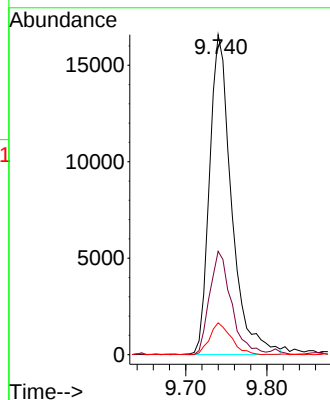
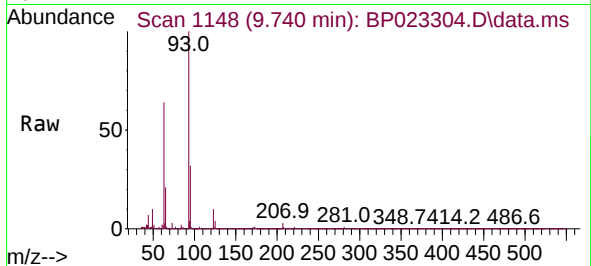
MDL-SOIL-QT4-2024-07

Tgt Ion: 93	Resp: 3119
Ion Ratio	Lower Upper
93 100	
95 32.3	27.0 40.6
123 10.0	8.2 12.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#29

2,4-Dichlorophenol

Concen: 4.010 ng/ul

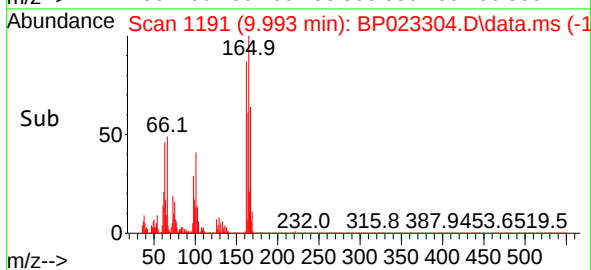
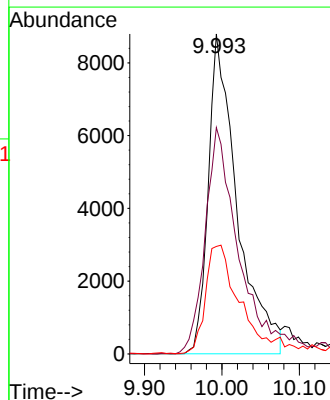
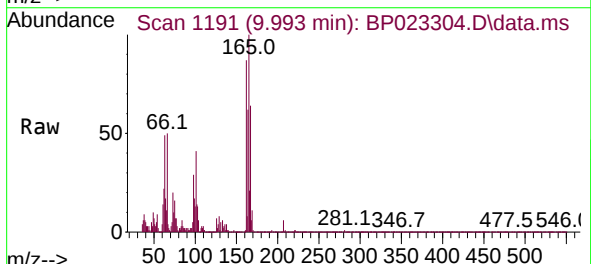
RT: 9.993 min Scan# 1191

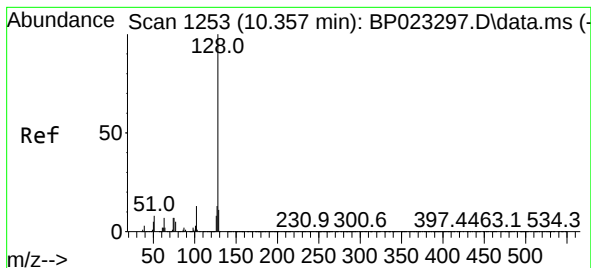
Delta R.T. 0.000 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Tgt Ion:162	Resp: 22775
Ion Ratio	Lower Upper
162 100	
164 70.7	51.4 77.0
98 33.6	27.0 40.6





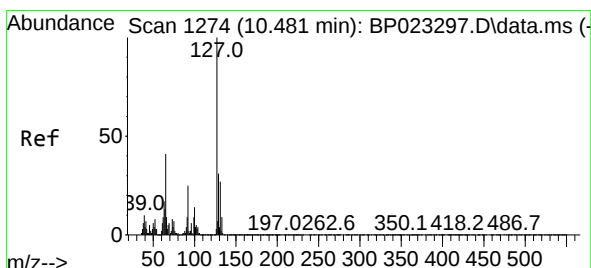
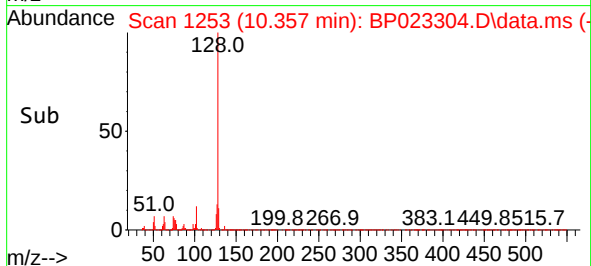
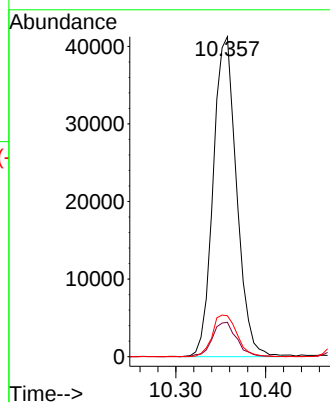
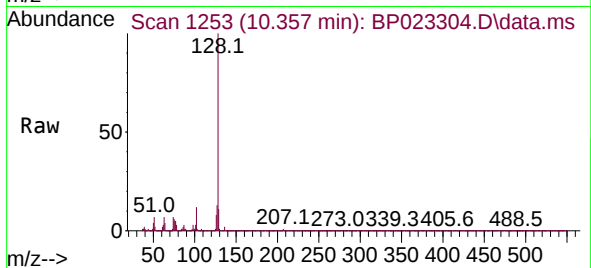
#30
Naphthalene
Concen: 4.653 ng/ul
RT: 10.357 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT4-2024-07

Tgt Ion:128 Resp: 74570
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.8 10.2 15.2

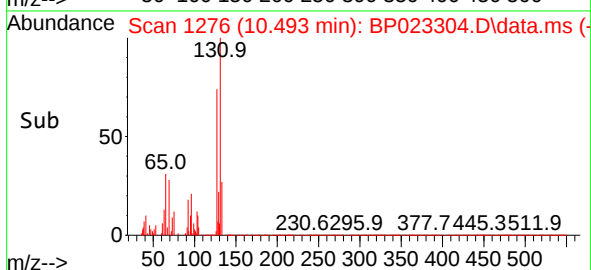
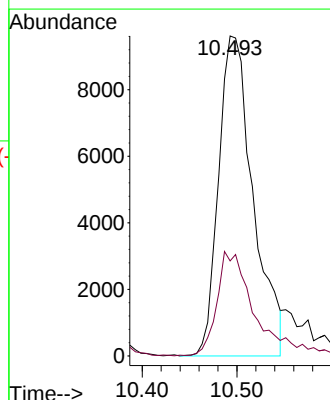
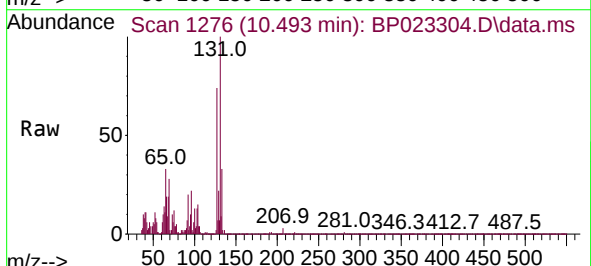
Manual Integrations
APPROVED

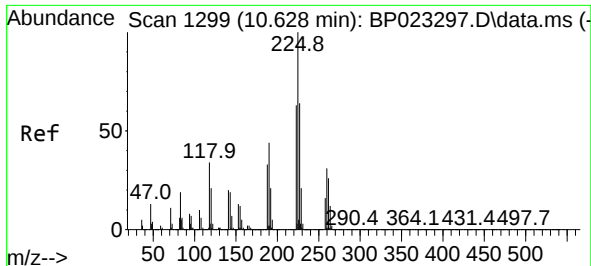
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#32
4-Chloroaniline
Concen: 3.673 ng/ul
RT: 10.493 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

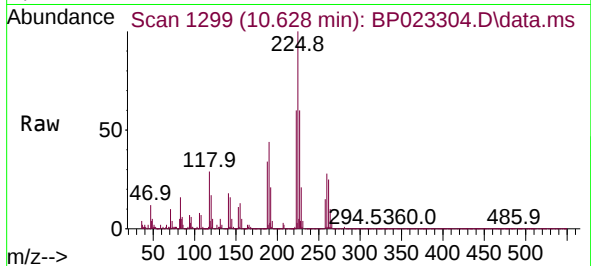
Tgt Ion:127 Resp: 24343
Ion Ratio Lower Upper
127 100
129 29.7 26.4 39.6





#33
Hexachlorobutadiene
Concen: 4.339 ng/ul
RT: 10.628 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

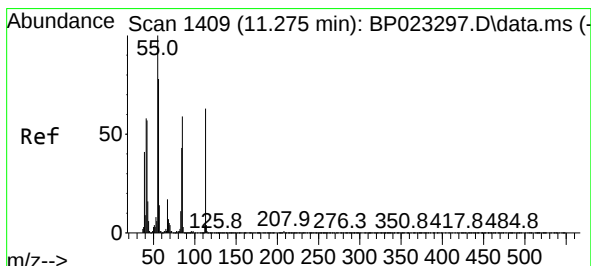
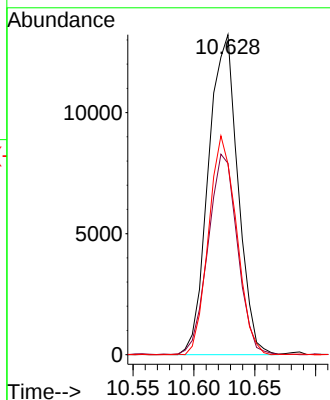
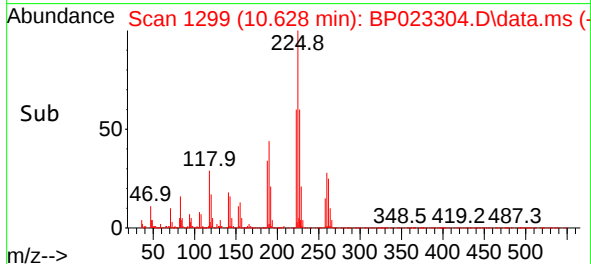
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT4-2024-07



Tgt Ion: 225 Resp: 22300
Ion Ratio Lower Upper
225 100
223 59.8 49.7 74.5
227 59.7 51.4 77.0

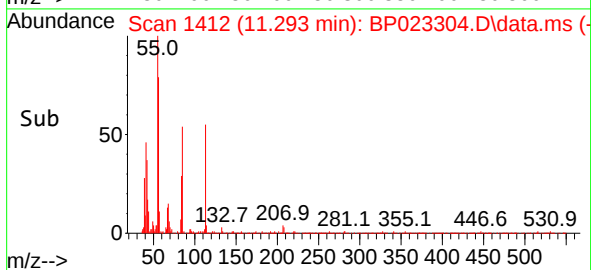
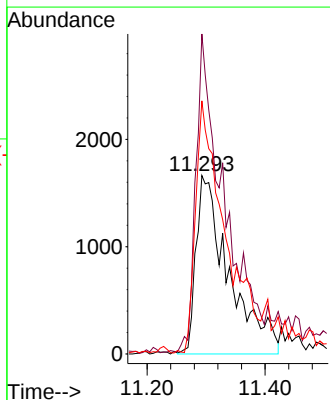
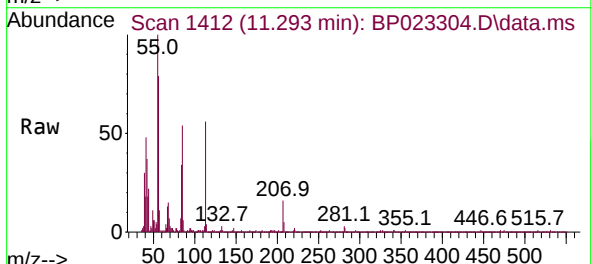
Manual Integrations
APPROVED

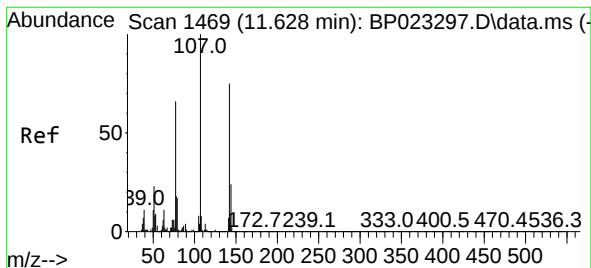
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Caprolactam
Concen: 3.808 ng/ul m
RT: 11.293 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

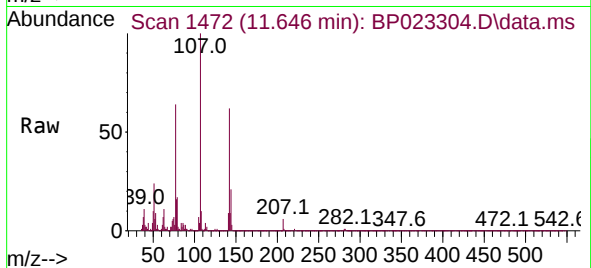
Tgt Ion: 113 Resp: 6434
Ion Ratio Lower Upper
113 100
55 179.3 123.0 184.6
56 141.8 99.8 149.8





#35
4-Chloro-3-methylphenol
Concen: 3.701 ng/ul
RT: 11.646 min Scan# 1469
Delta R.T. 0.012 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

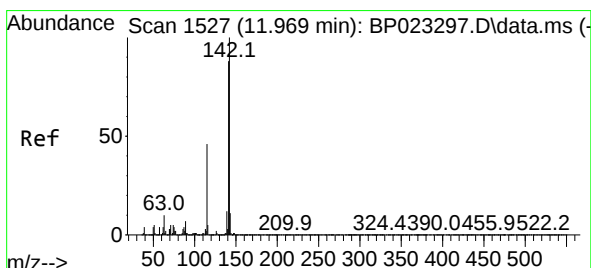
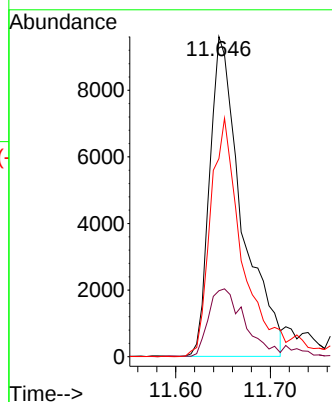
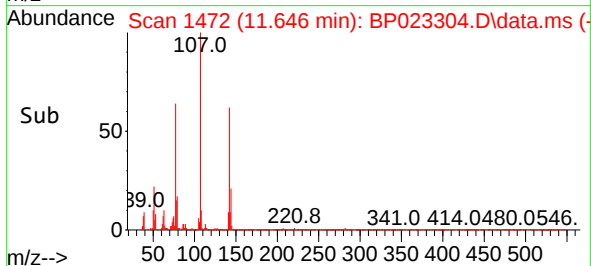
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.6	18.8	28.2
142	61.9	59.8	89.8

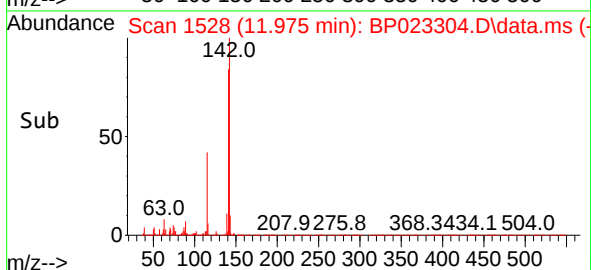
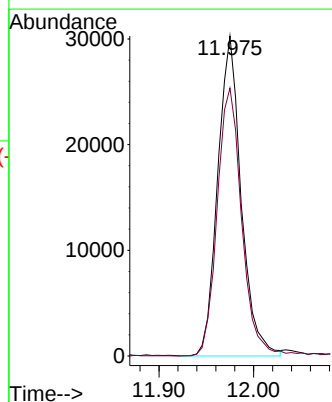
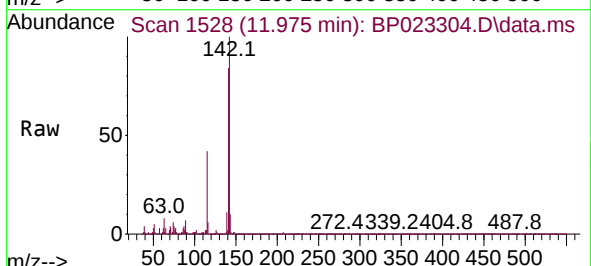
Manual Integrations
APPROVED

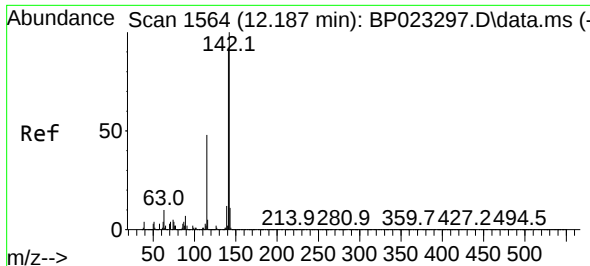
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#36
2-Methylnaphthalene
Concen: 4.303 ng/ul
RT: 11.975 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

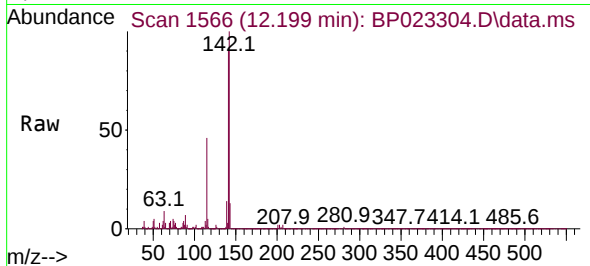
Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.7	73.1	109.7





#37
1-Methylnaphthalene
Concen: 3.968 ng/ul
RT: 12.199 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

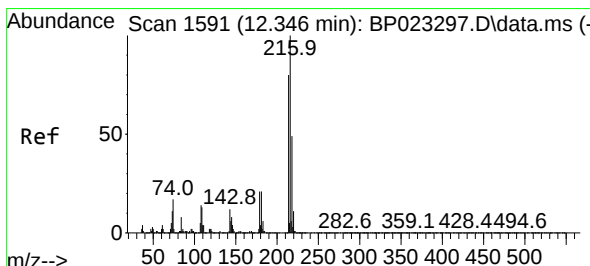
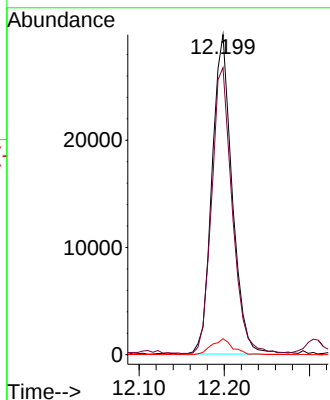
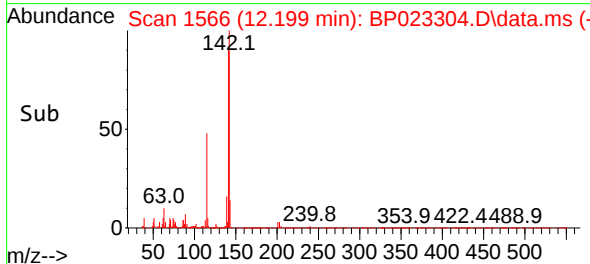
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07



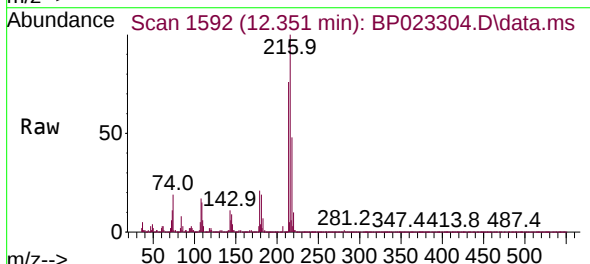
Tgt Ion:142 Resp: 4908
Ion Ratio Lower Upper
142 100
141 89.7 73.8 110.8
116 5.0 4.2 6.4

Manual Integrations
APPROVED

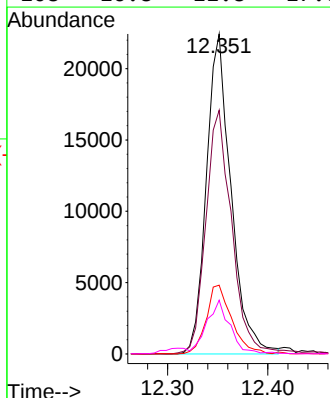
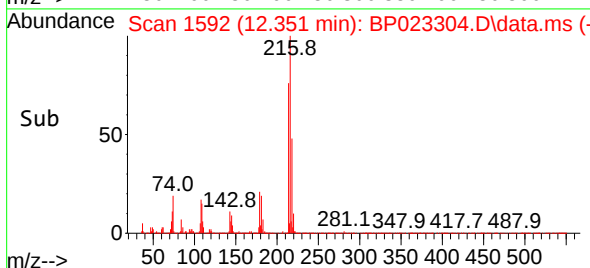
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

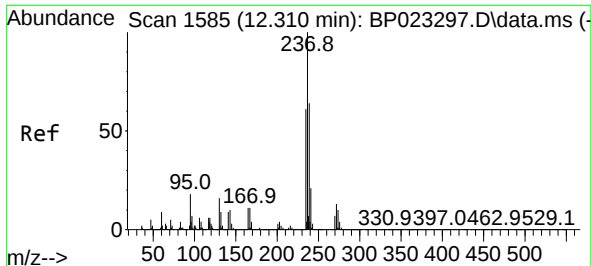


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.400 ng/ul
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22



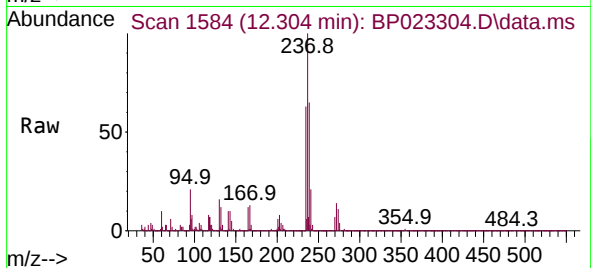
Tgt Ion:216 Resp: 38346
Ion Ratio Lower Upper
216 100
214 76.1 59.4 89.2
179 21.5 17.3 25.9
108 16.8 11.8 17.6





#40
Hexachlorocyclopentadiene
Concen: 4.656 ng/ul
RT: 12.304 min Scan# 1584
Delta R.T. -0.017 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

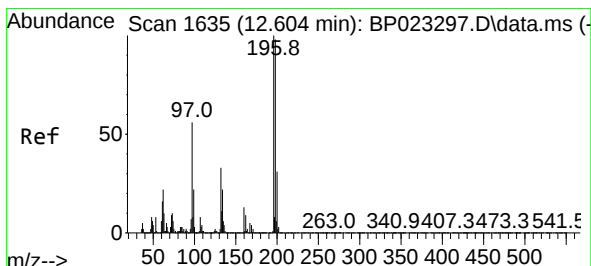
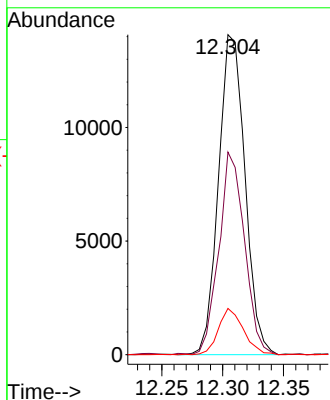
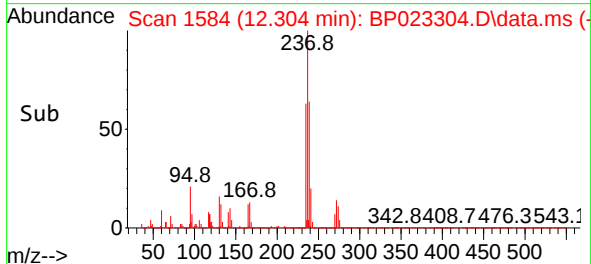
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07



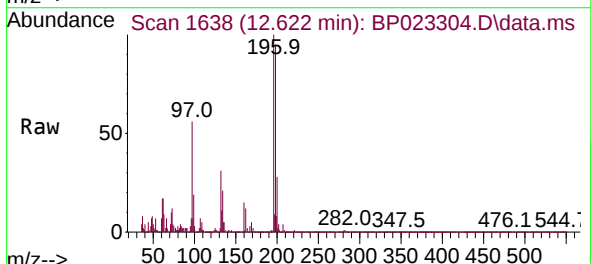
Tgt Ion:237 Resp: 2131
Ion Ratio Lower Upper
237 100
235 63.3 48.6 73.0
272 14.5 10.2 15.2

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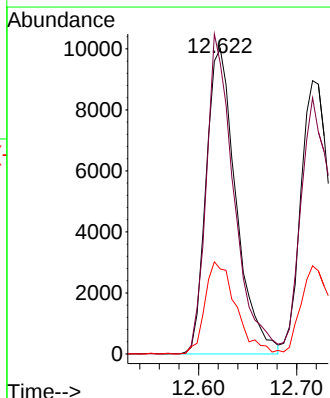
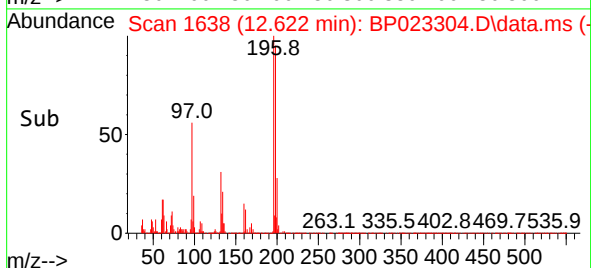
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

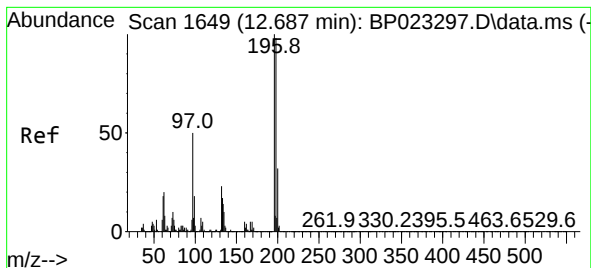


#41
2,4,6-Trichlorophenol
Concen: 3.990 ng/ul m
RT: 12.622 min Scan# 1638
Delta R.T. 0.012 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22



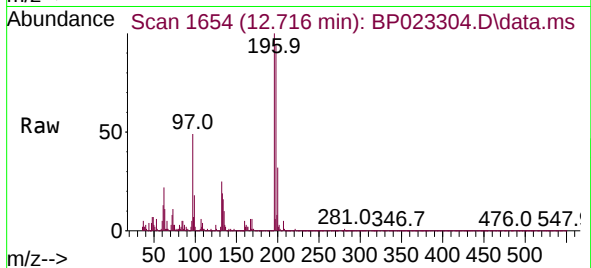
Tgt Ion:196 Resp: 21171
Ion Ratio Lower Upper
196 100
198 95.2 80.5 120.7
200 27.8 25.2 37.8





#42
2,4,5-Trichlorophenol
Concen: 3.810 ng/ul m
RT: 12.716 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

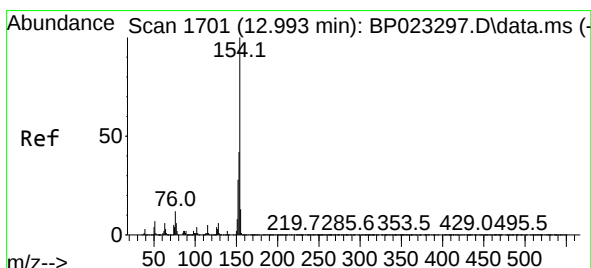
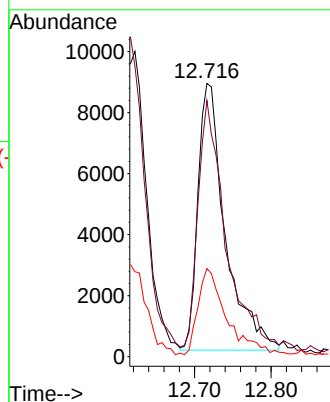
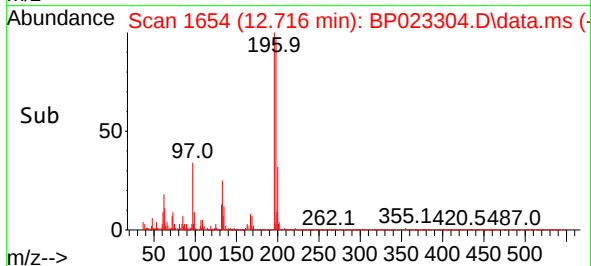
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:196 Resp: 21790
Ion Ratio Lower Upper
196 100
198 93.7 79.6 119.4
200 32.3 25.0 37.6

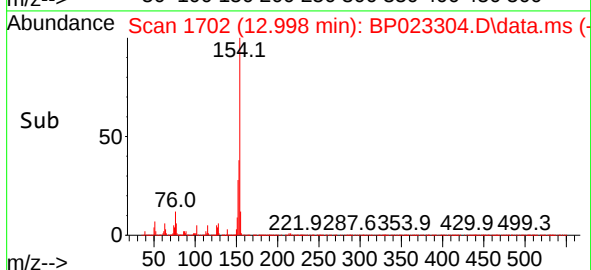
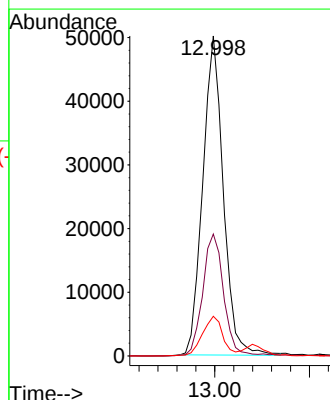
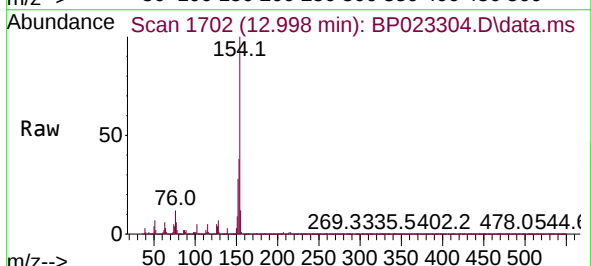
Manual Integrations
APPROVED

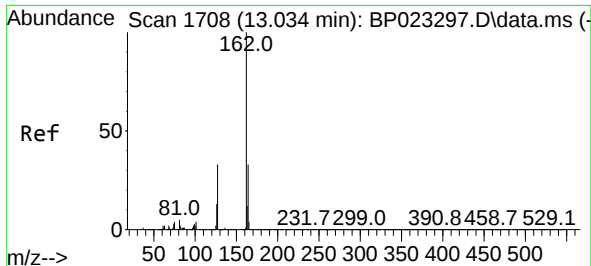
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#43
1,1'-Biphenyl
Concen: 4.568 ng/ul
RT: 12.998 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

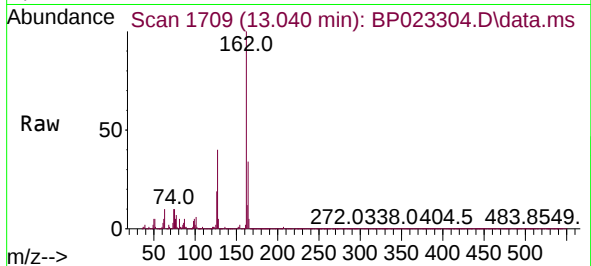
Tgt Ion:154 Resp: 75553
Ion Ratio Lower Upper
154 100
153 38.1 32.0 48.0
76 12.4 8.4 12.6





#44
2-Chloronaphthalene
Concen: 4.518 ng/ul
RT: 13.040 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

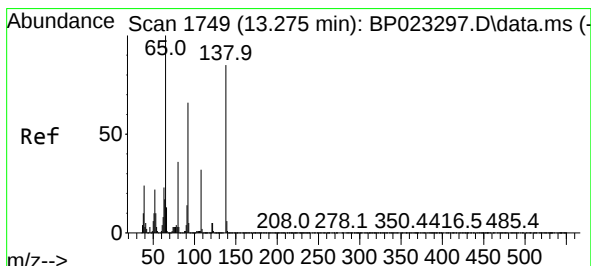
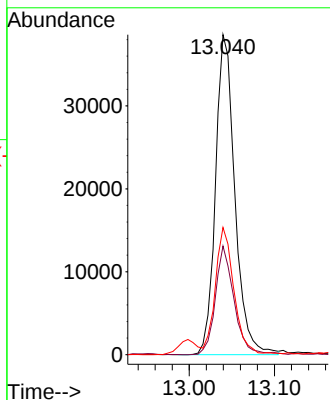
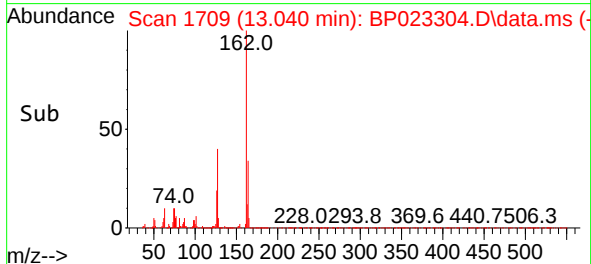
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:162 Resp: 61090
Ion Ratio Lower Upper
162 100
164 33.9 26.6 40.0
127 39.8 30.2 45.2

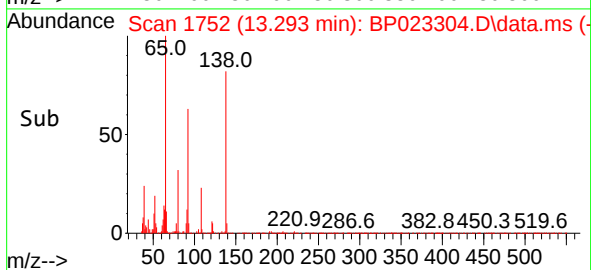
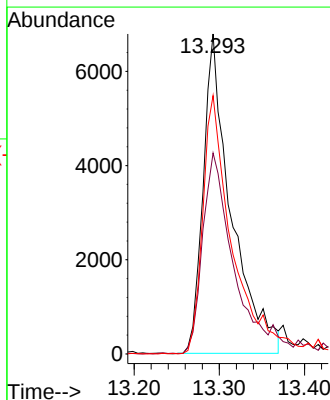
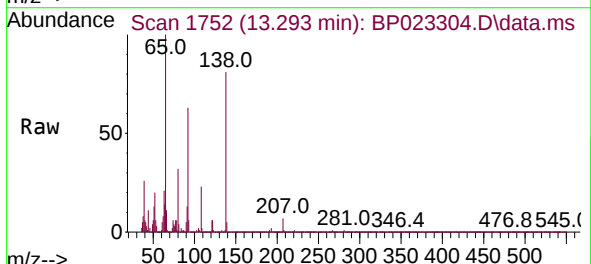
Manual Integrations
APPROVED

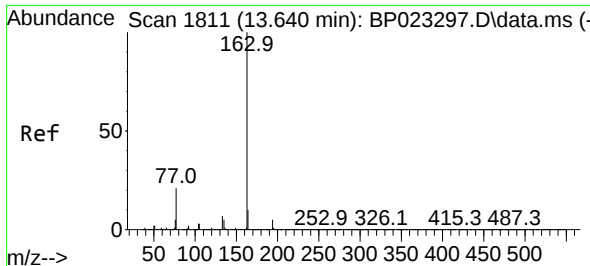
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#45
2-Nitroaniline
Concen: 4.068 ng/ul
RT: 13.293 min Scan# 1752
Delta R.T. 0.024 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

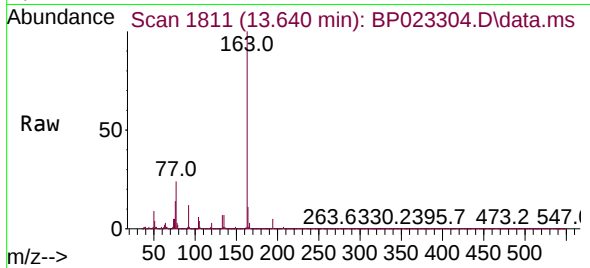
Tgt Ion: 65 Resp: 15445
Ion Ratio Lower Upper
65 100
92 62.8 54.2 81.2
138 80.7 65.1 97.7





#47
Dimethylphthalate
Concen: 4.498 ng/ul
RT: 13.640 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

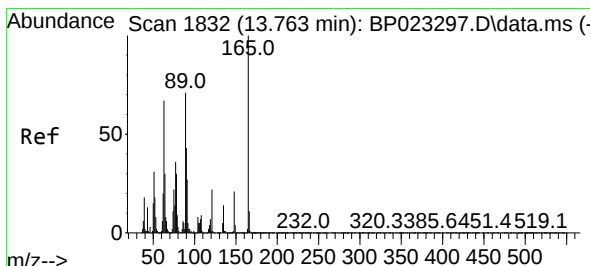
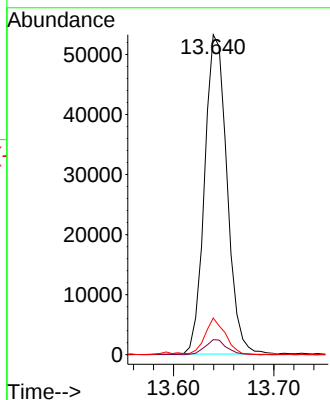
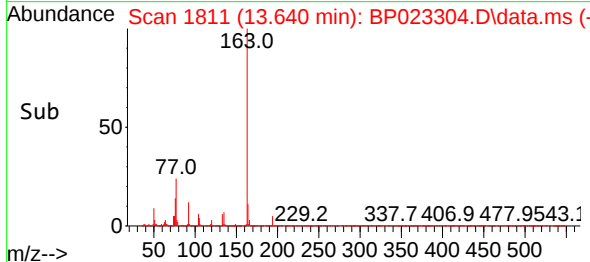
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:163 Resp: 82534
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 11.5 8.2 12.4

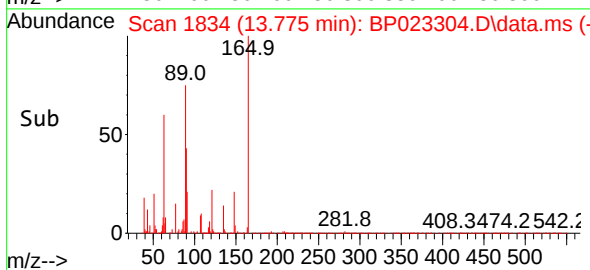
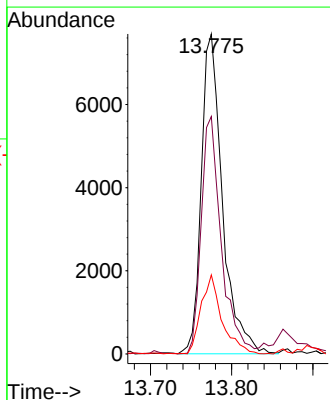
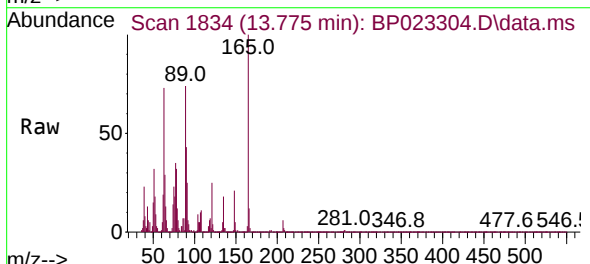
Manual Integrations
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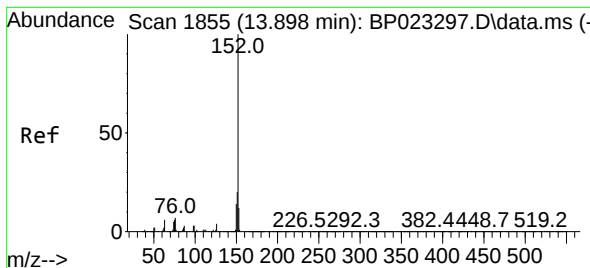
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#48
2,6-Dinitrotoluene
Concen: 3.903 ng/ul
RT: 13.775 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Tgt Ion:165 Resp: 13931
Ion Ratio Lower Upper
165 100
89 74.2 50.6 75.8
121 24.7 15.8 23.8#





#50

Acenaphthylene

Concen: 4.621 ng/ul

RT: 13.893 min Scan# 1854

Delta R.T. -0.012 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Instrument :

BNA_P

ClientSampleId :

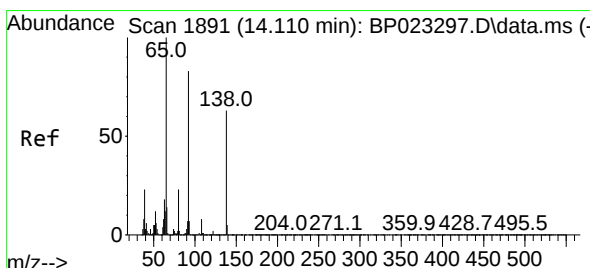
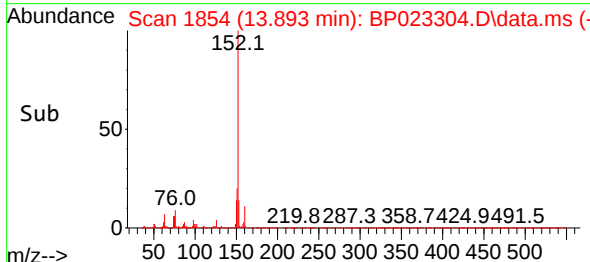
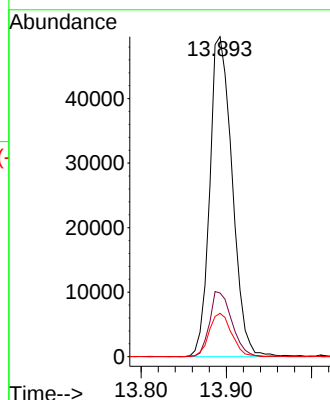
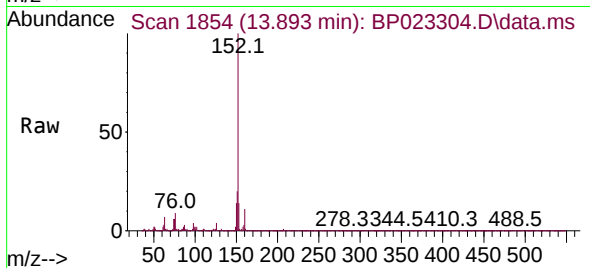
MDL-SOIL-QT4-2024-07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.6	10.2	15.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#51

3-Nitroaniline

Concen: 3.591 ng/ul m

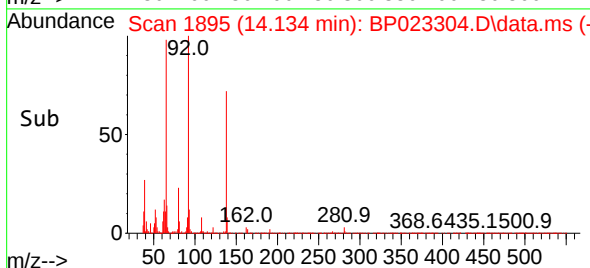
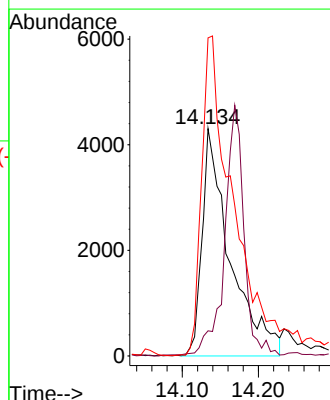
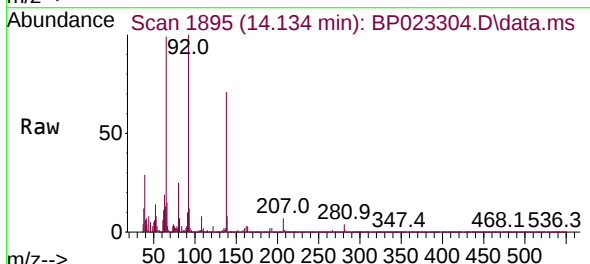
RT: 14.134 min Scan# 1895

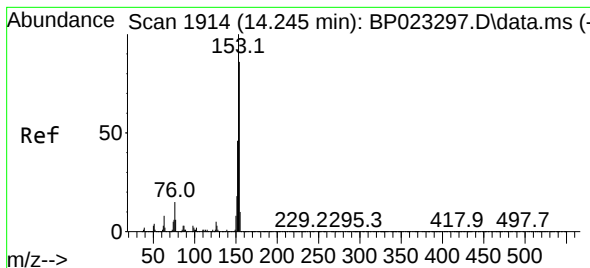
Delta R.T. 0.006 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.1	12.7	19.1#
92	139.9	107.8	161.8





#52

Acenaphthene

Concen: 4.381 ng/ul

RT: 14.240 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Instrument :

BNA_P

ClientSampleId :

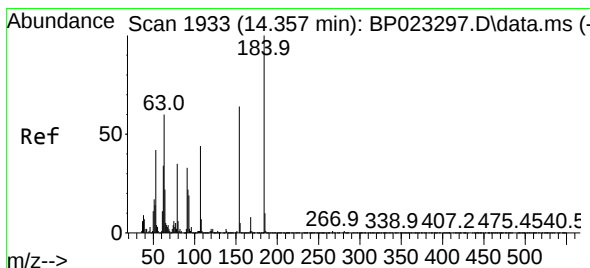
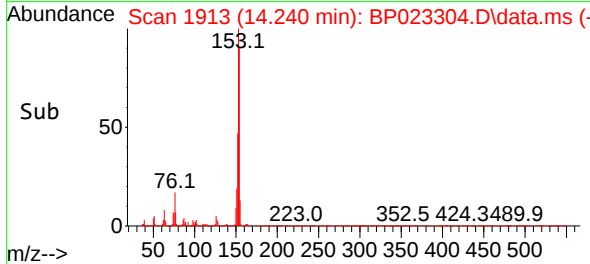
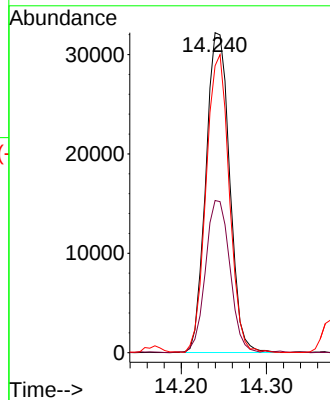
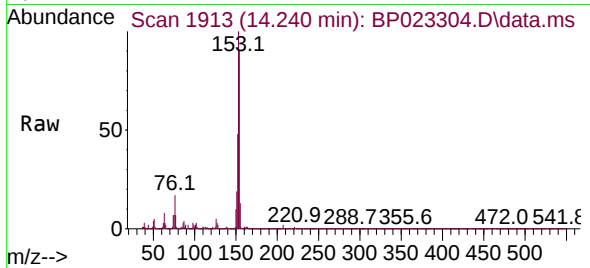
MDL-SOIL-QT4-2024-07

Tgt Ion:	153	Resp:	62409
Ion Ratio	Lower	Upper	
153	100		
152	47.5	39.6	59.4
154	89.6	70.9	106.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#53

2,4-Dinitrophenol

Concen: 4.910 ng/ul

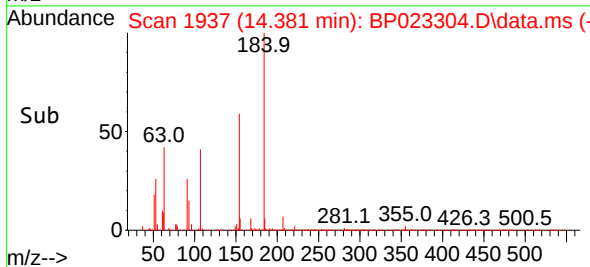
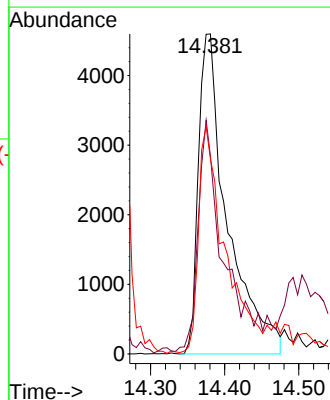
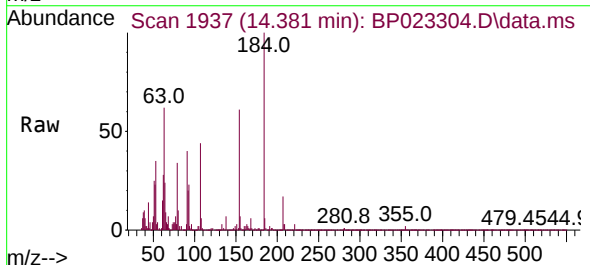
RT: 14.381 min Scan# 1937

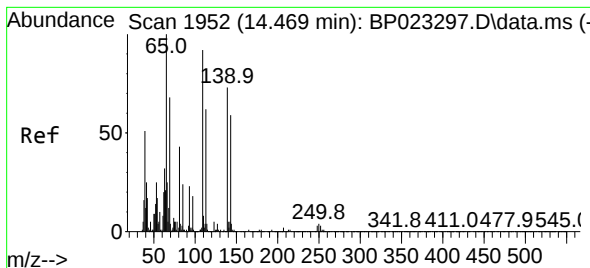
Delta R.T. 0.030 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

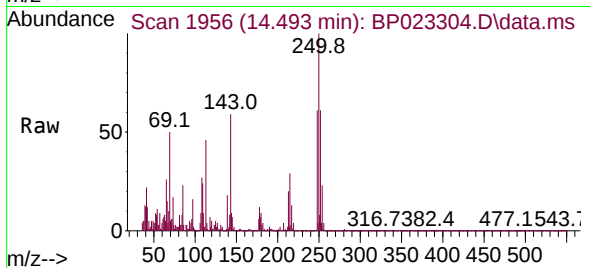
Tgt Ion:	184	Resp:	12435
Ion Ratio	Lower	Upper	
184	100		
63	61.9	50.1	75.1
154	60.8	58.2	87.4





#55
4-Nitrophenol
Concen: 3.454 ng/ul m
RT: 14.493 min Scan# 1956
Delta R.T. 0.018 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

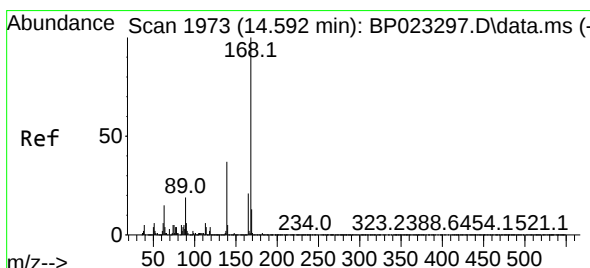
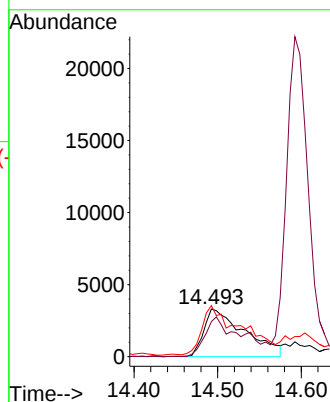
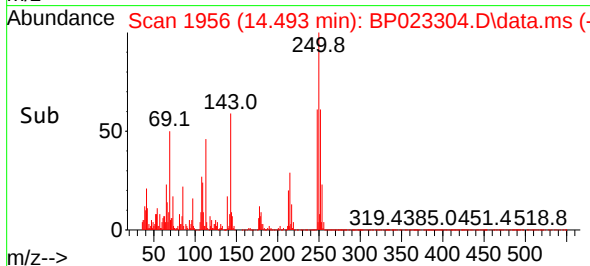
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:109 Resp: 1129
Ion Ratio Lower Upper
109 100
139 73.3 64.6 96.8
65 106.7 80.6 120.8

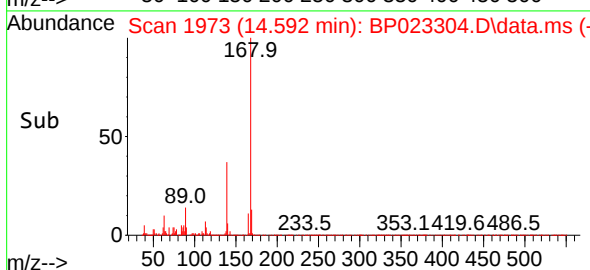
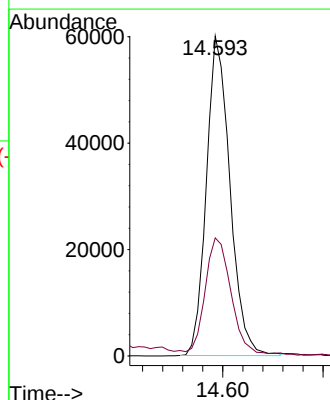
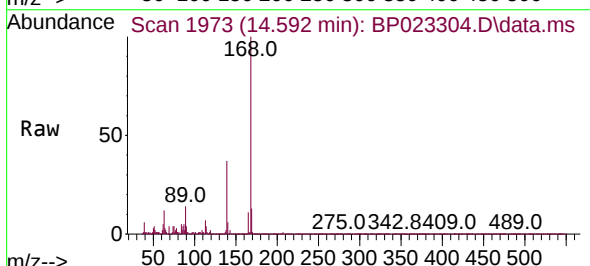
Manual Integrations
APPROVED

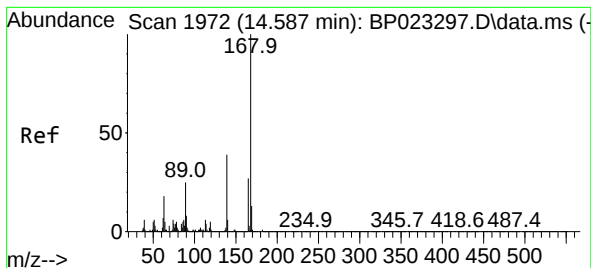
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#56
Dibenzofuran
Concen: 4.467 ng/ul
RT: 14.592 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Tgt Ion:168 Resp: 98325
Ion Ratio Lower Upper
168 100
139 36.9 29.7 44.5





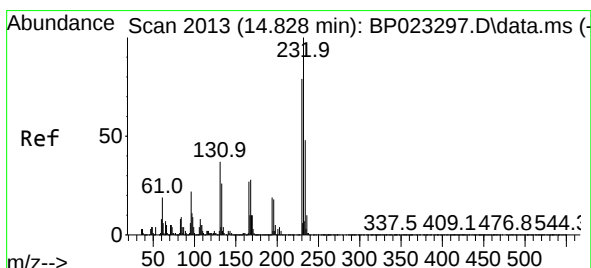
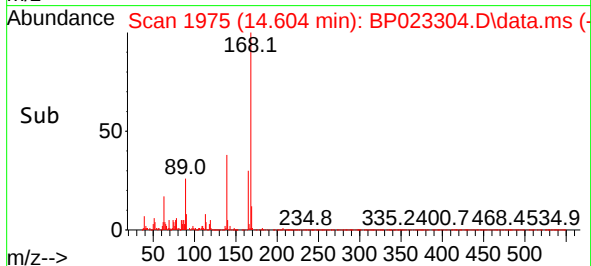
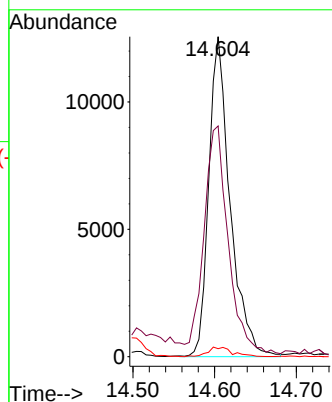
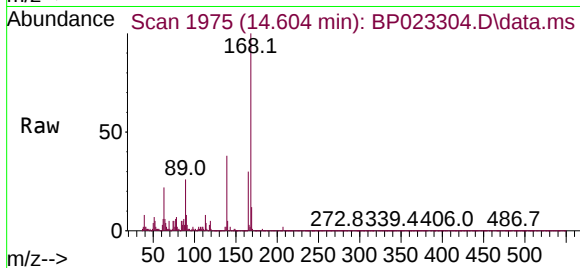
#57
2,4-Dinitrotoluene
Concen: 4.013 ng/ul m
RT: 14.604 min Scan# 1975
Delta R.T. 0.018 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:165 Resp: 22820
Ion Ratio Lower Upper
165 100
63 72.1 41.3 61.9
182 2.5 2.5 3.7

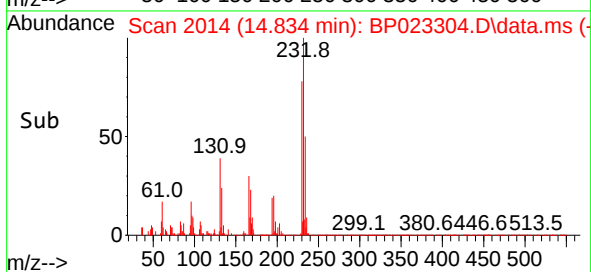
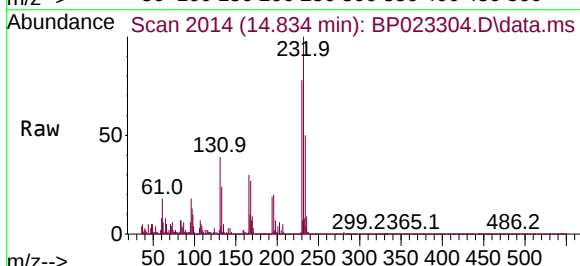
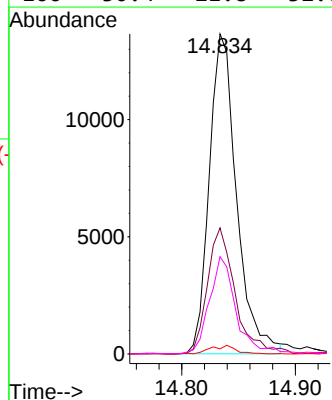
Manual Integrations
APPROVED

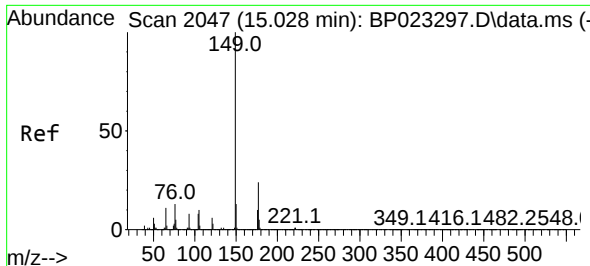
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.084 ng/ul
RT: 14.834 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Tgt Ion:232 Resp: 22837
Ion Ratio Lower Upper
232 100
131 39.4 27.0 40.6
130 1.6 1.9 2.9
166 30.4 21.8 32.6





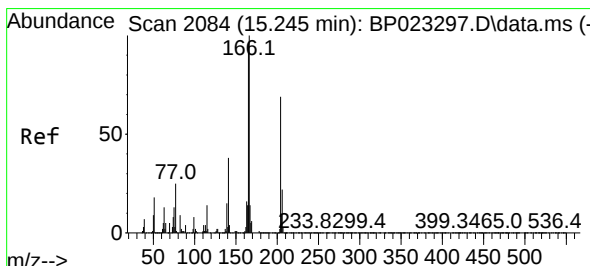
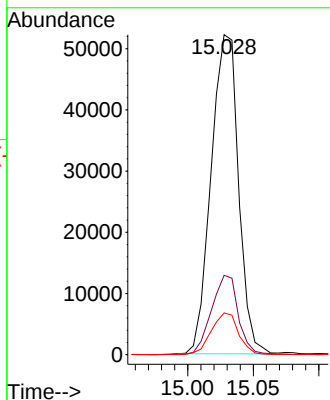
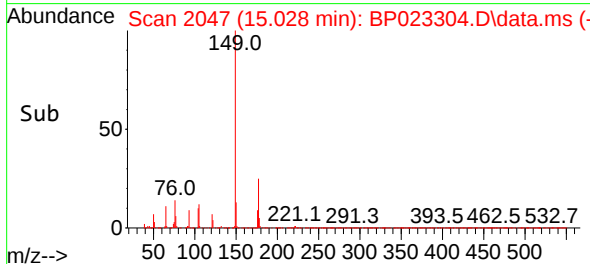
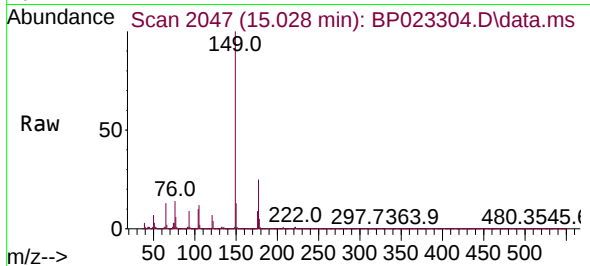
#59
Diethylphthalate
Concen: 4.175 ng/ul
RT: 15.028 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:149 Resp: 7576
Ion Ratio Lower Upper
149 100
177 24.8 19.7 29.5
150 13.0 9.8 14.6

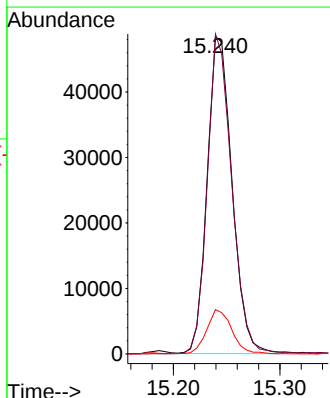
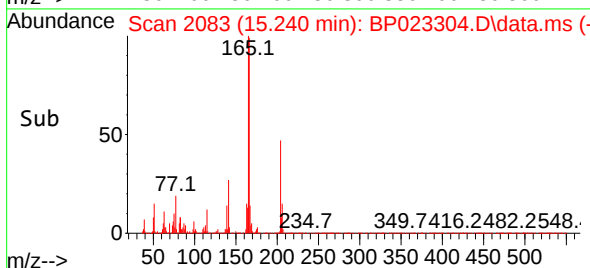
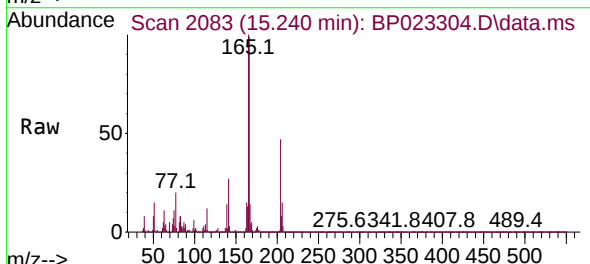
Manual Integrations
APPROVED

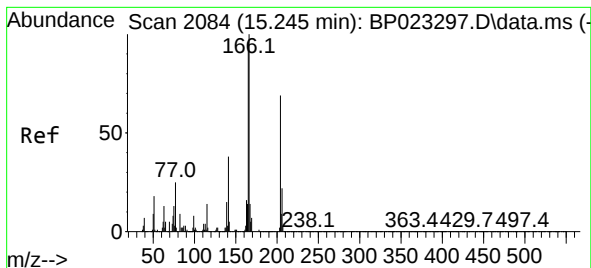
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#61
Fluorene
Concen: 4.371 ng/ul
RT: 15.240 min Scan# 2083
Delta R.T. -0.017 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Tgt Ion:166 Resp: 78750
Ion Ratio Lower Upper
166 100
165 100.8 79.5 119.3
167 13.9 10.3 15.5





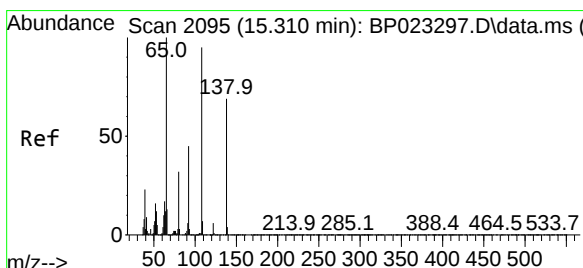
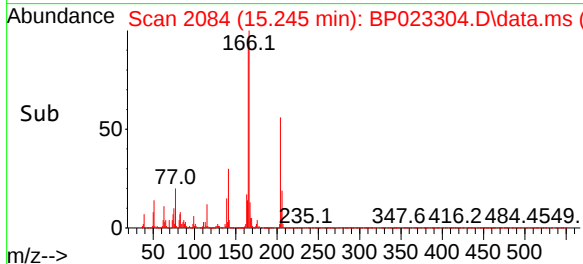
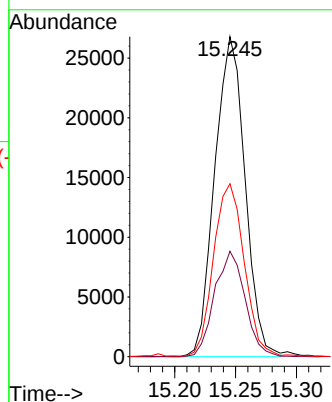
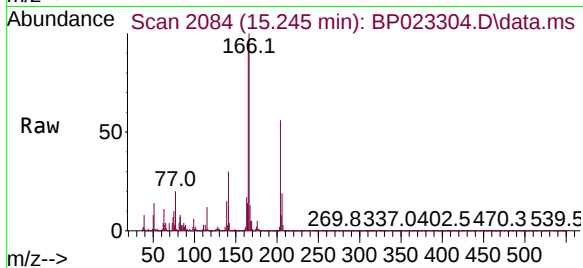
#62
4-Chlorophenyl-phenylether
Concen: 4.371 ng/ul
RT: 15.245 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT4-2024-07

Tgt Ion:204 Resp: 4636
Ion Ratio Lower Upper
204 100
206 33.0 27.2 40.8
141 54.1 44.6 66.8

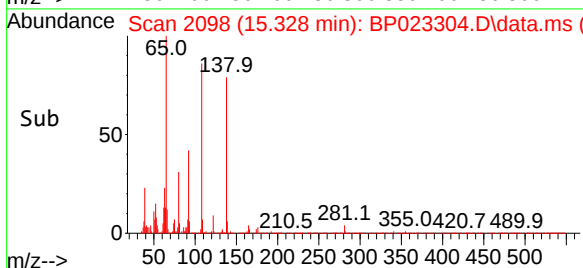
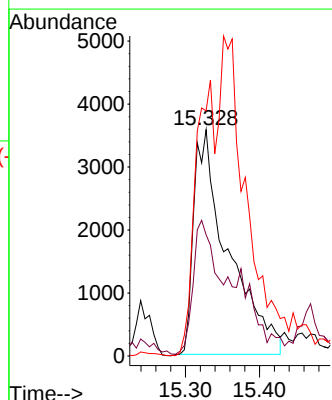
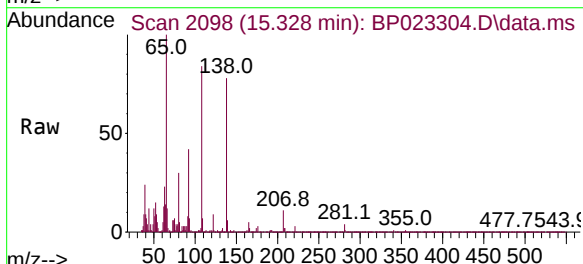
Manual Integrations
APPROVED

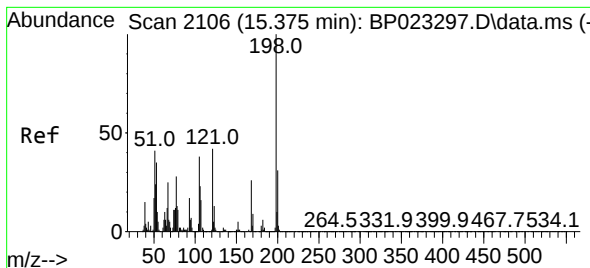
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#63
4-Nitroaniline
Concen: 4.021 ng/ul
RT: 15.328 min Scan# 2098
Delta R.T. 0.024 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Tgt Ion:138 Resp: 11502
Ion Ratio Lower Upper
138 100
92 53.5 53.9 80.9#
108 108.3 106.6 159.8





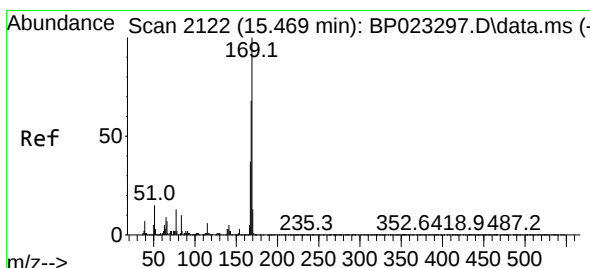
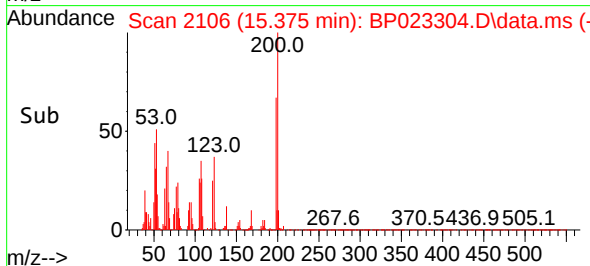
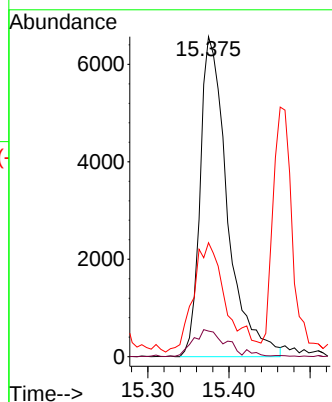
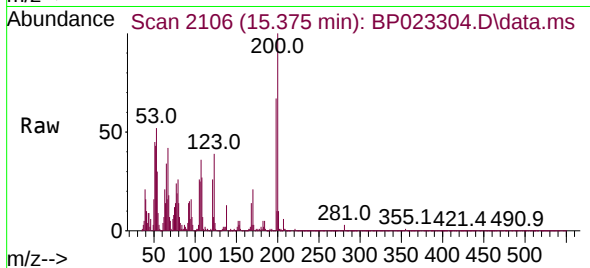
#66
4,6-Dinitro-2-methylphenol
Concen: 3.795 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:198 Resp: 1530
Ion Ratio Lower Upper
198 100
182 8.0 3.8 5.8
77 35.6 20.0 30.0

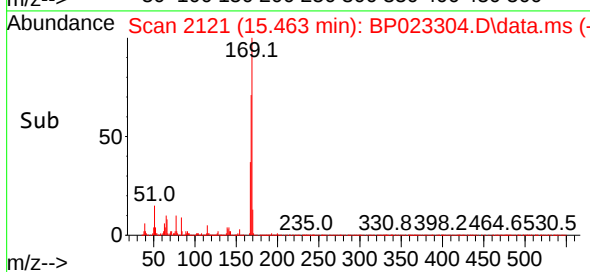
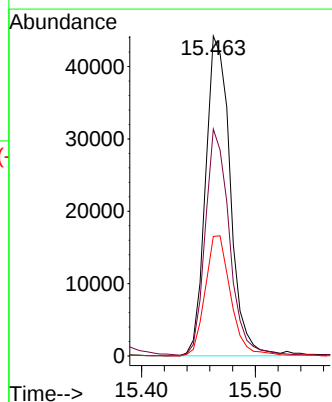
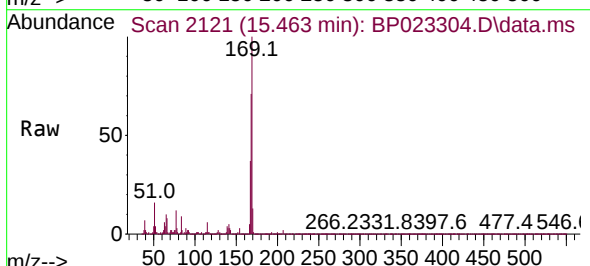
Manual Integrations
APPROVED

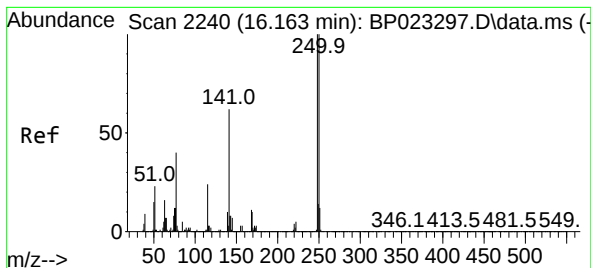
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#67
N-Nitrosodiphenylamine
Concen: 4.579 ng/ul
RT: 15.463 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

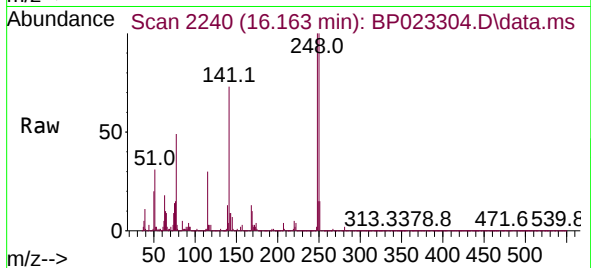
Tgt Ion:169 Resp: 66674
Ion Ratio Lower Upper
169 100
168 70.9 53.4 80.0
167 37.3 29.4 44.2





#68
4-Bromophenyl-phenylether
Concen: 4.289 ng/ul
RT: 16.163 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

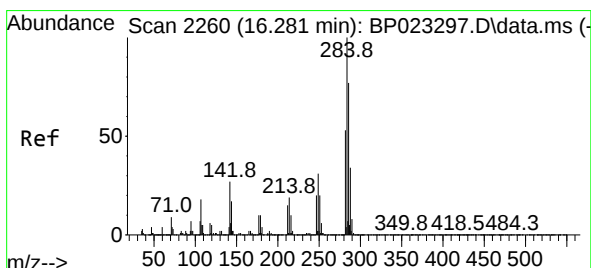
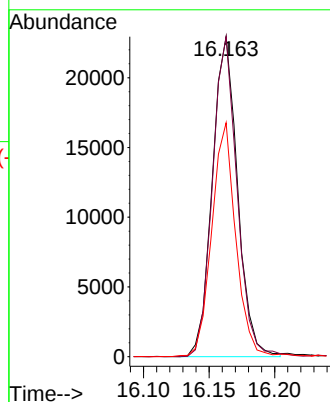
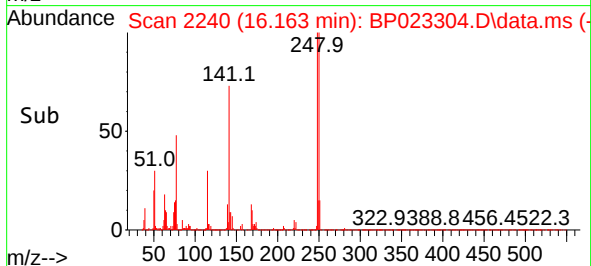
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:248 Resp: 30600
Ion Ratio Lower Upper
248 100
250 100.0 77.1 115.7
141 73.1 50.7 76.1

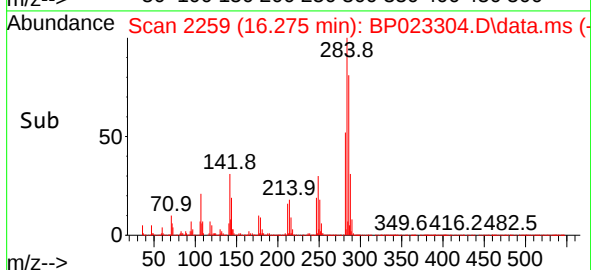
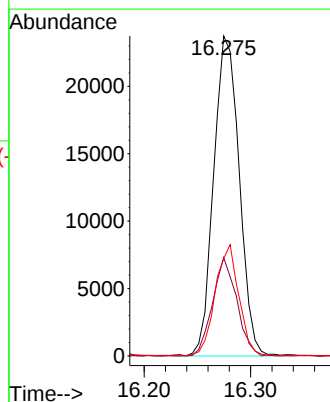
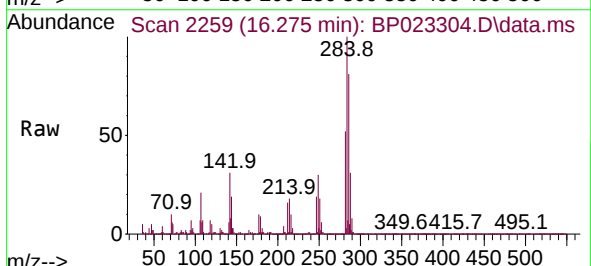
Manual Integrations
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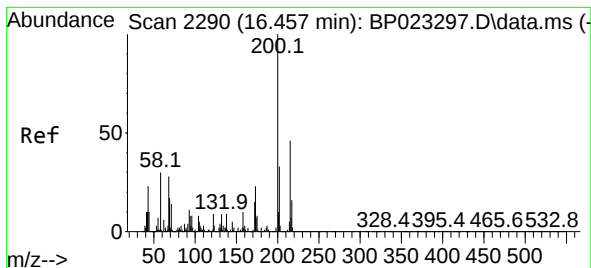
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#69
Hexachlorobenzene
Concen: 4.397 ng/ul
RT: 16.275 min Scan# 2259
Delta R.T. -0.012 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

Tgt Ion:284 Resp: 39503
Ion Ratio Lower Upper
284 100
142 30.7 21.5 32.3
249 33.1 25.6 38.4





#70

Atrazine

Concen: 4.457 ng/ul

RT: 16.457 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Instrument :

BNA_P

ClientSampleId :

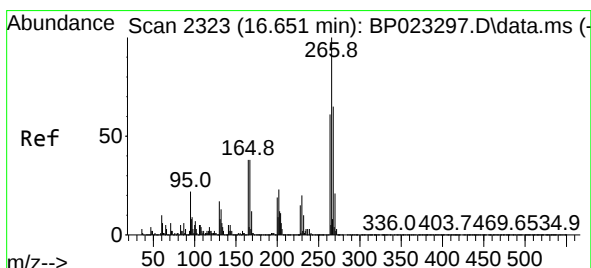
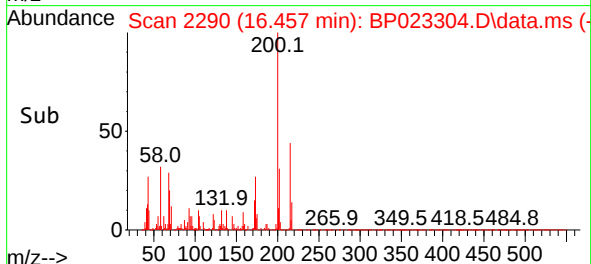
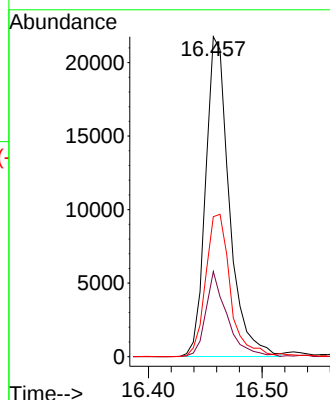
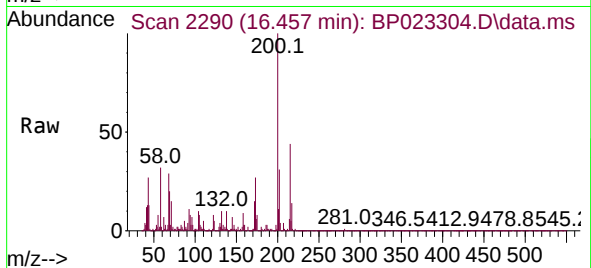
MDL-SOIL-QT4-2024-07

Tgt Ion:	200	Resp:	3137
Ion Ratio	Lower	Upper	
200	100		
173	26.6	18.6	27.8
215	43.8	38.3	57.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#71

Pentachlorophenol

Concen: 6.389 ng/ul

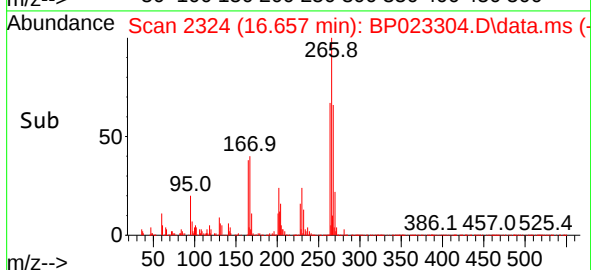
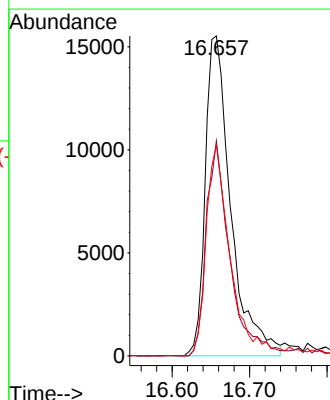
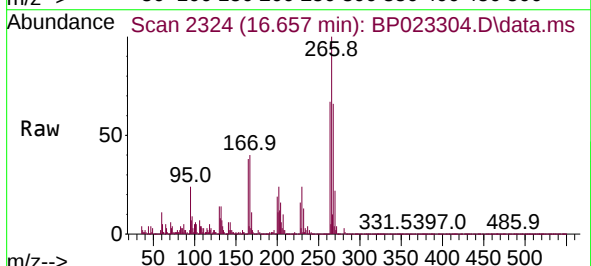
RT: 16.657 min Scan# 2324

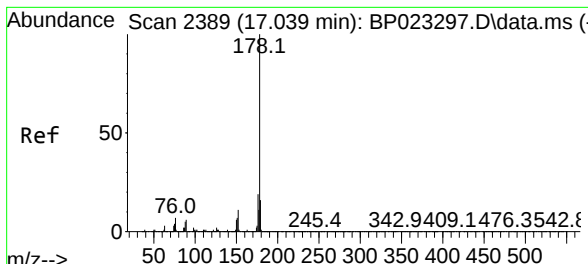
Delta R.T. -0.006 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Tgt Ion:	266	Resp:	35632
Ion Ratio	Lower	Upper	
266	100		
264	67.2	50.7	76.1
268	65.9	51.9	77.9



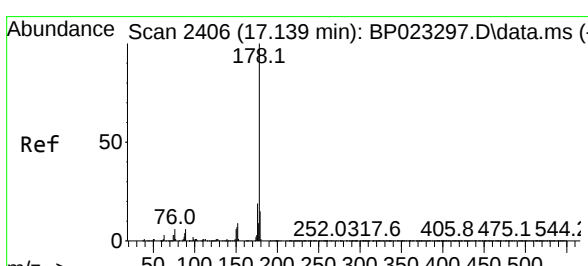
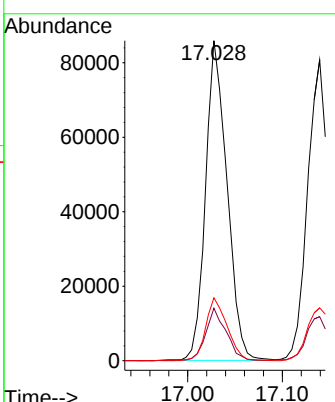
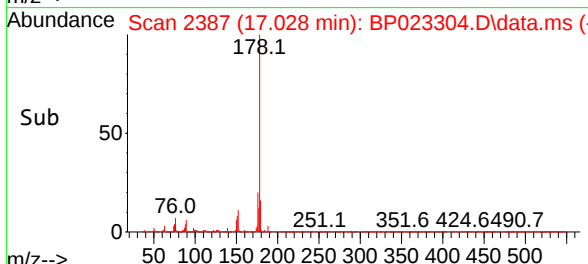
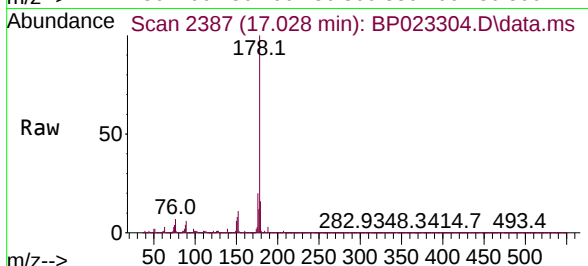


#72
 Phenanthrene
 Concen: 4.536 ng/ul
 RT: 17.028 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BP023304.D
 Acq: 22 Nov 2024 15:22

Instrument : BNA_P
 ClientSampleId : MDL-SOIL-QT4-2024-07

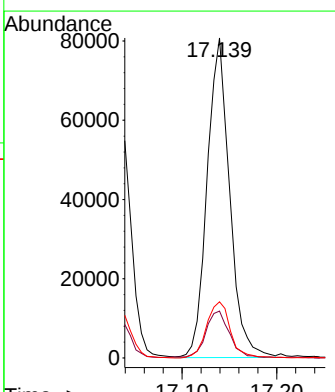
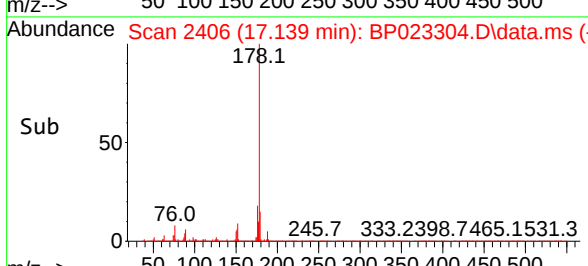
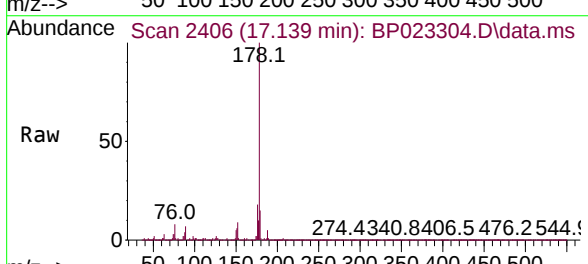
Tgt Ion:	178	Resp:	13494
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.7	19.1
176	19.7	15.4	23.2

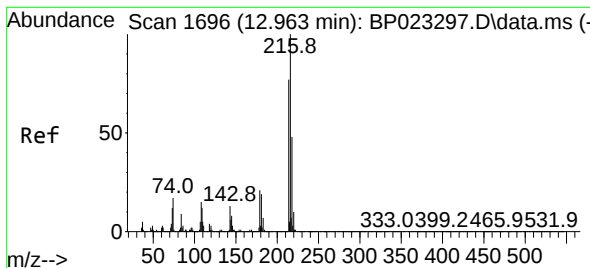
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



#74
 Anthracene
 Concen: 4.459 ng/ul
 RT: 17.139 min Scan# 2406
 Delta R.T. 0.012 min
 Lab File: BP023304.D
 Acq: 22 Nov 2024 15:22

Tgt Ion:	178	Resp:	133379
Ion Ratio	Lower	Upper	
178	100		
179	14.7	12.4	18.6
176	17.6	14.5	21.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.310 ng/uL

RT: 12.963 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Instrument :

BNA_P

ClientSampleId :

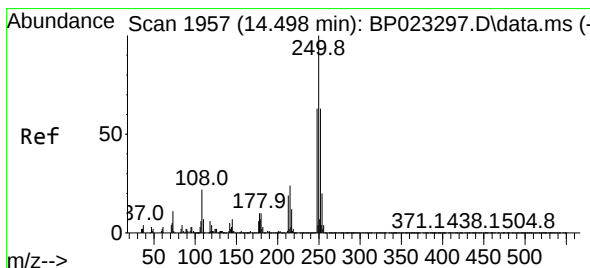
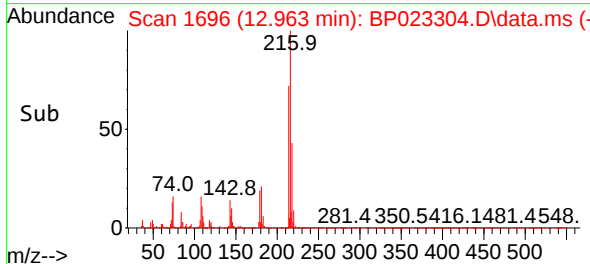
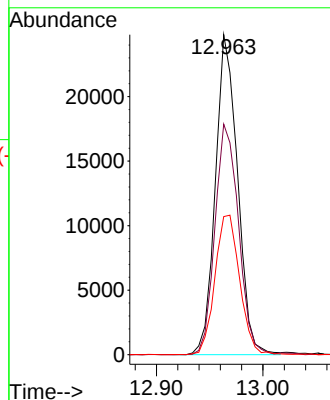
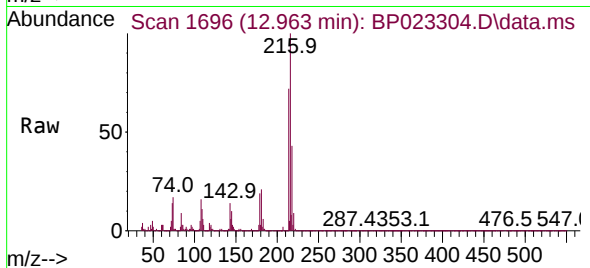
MDL-SOIL-QT4-2024-07

Tgt Ion:	216	Resp:	3585
Ion Ratio	Lower	Upper	
216	100		
214	72.1	60.2	90.2
218	43.1	38.1	57.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#76

Pentachlorobenzene

Concen: 4.208 ng/uL

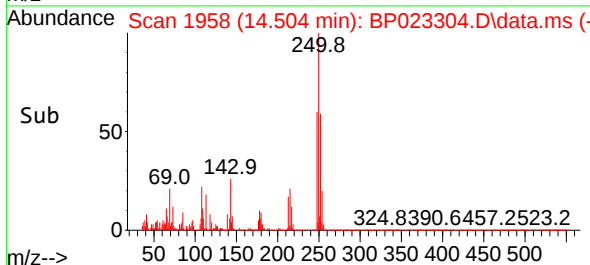
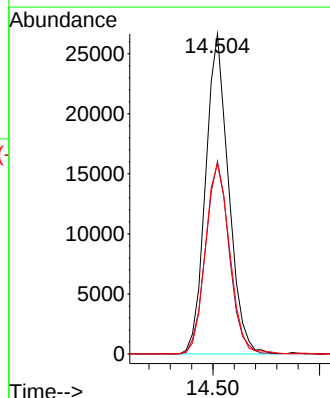
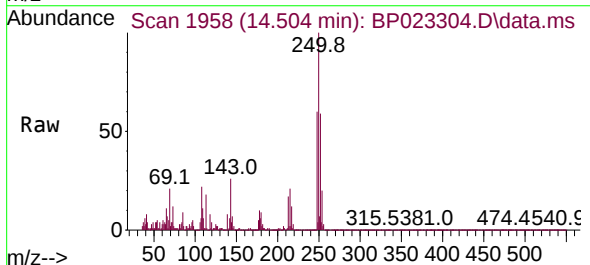
RT: 14.504 min Scan# 1958

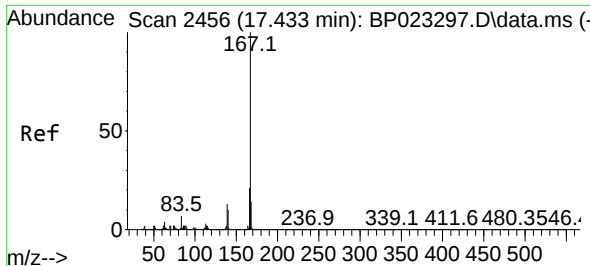
Delta R.T. -0.012 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

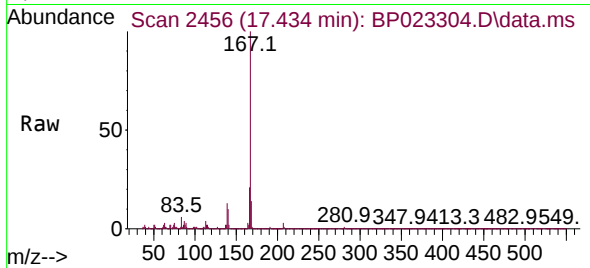
Tgt Ion:	250	Resp:	39980
Ion Ratio	Lower	Upper	
250	100		
248	60.2	52.2	78.2
252	59.4	50.1	75.1





#77
 Carbazole
 Concen: 4.210 ng/ul
 RT: 17.434 min Scan# 2456
 Delta R.T. 0.006 min
 Lab File: BP023304.D
 Acq: 22 Nov 2024 15:22

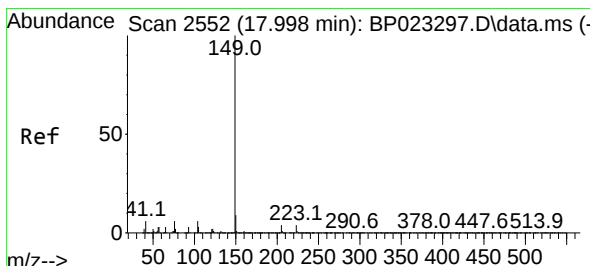
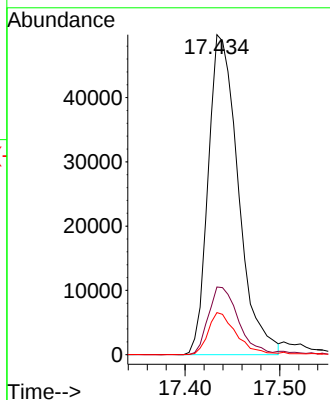
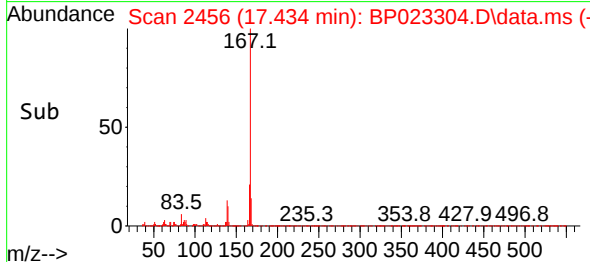
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT4-2024-07



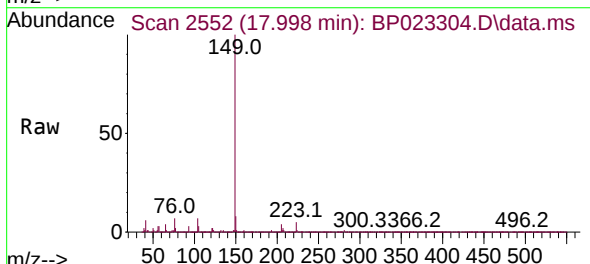
Tgt Ion:167 Resp: 10987
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.5 26.3
 139 13.1 9.6 14.4

Manual Integrations
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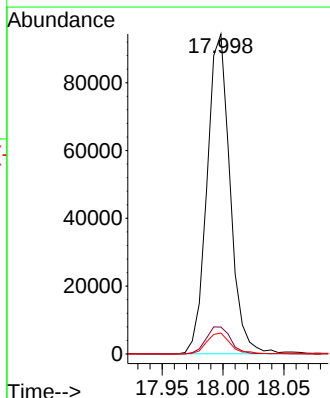
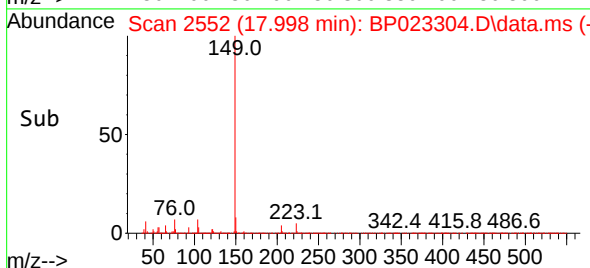
Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

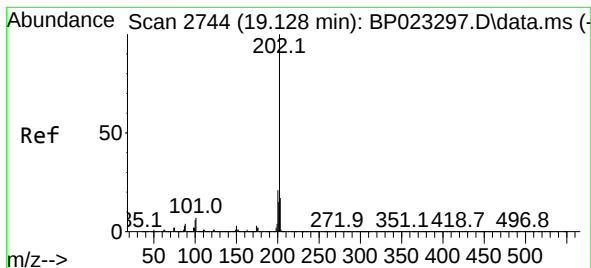


#78
 Di-n-butylphthalate
 Concen: 4.279 ng/ul
 RT: 17.998 min Scan# 2552
 Delta R.T. -0.012 min
 Lab File: BP023304.D
 Acq: 22 Nov 2024 15:22



Tgt Ion:149 Resp: 123922
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.2 10.8
 104 6.5 5.0 7.4





#80

Fluoranthene

Concen: 4.587 ng/u1

RT: 19.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Instrument :

BNA_P

ClientSampleId :

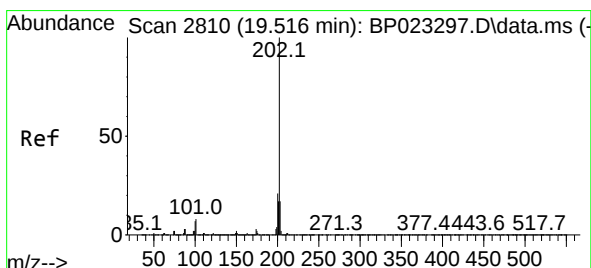
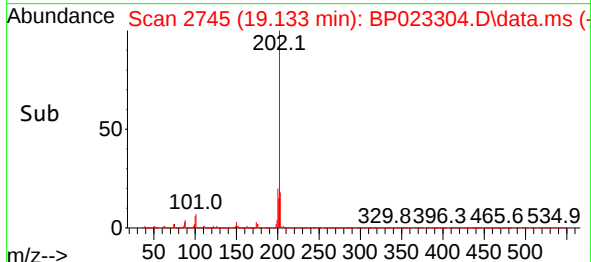
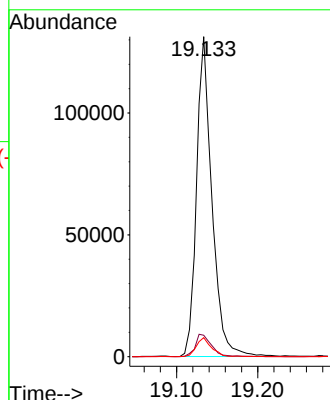
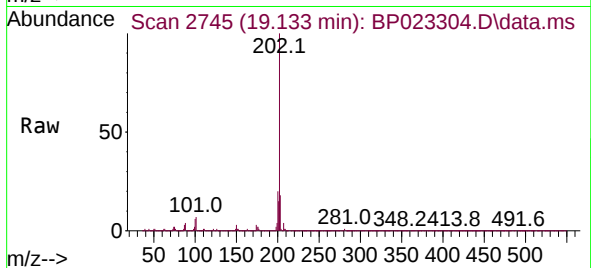
MDL-SOIL-QT4-2024-07

Tgt Ion:	202	Resp:	173354
Ion Ratio	Lower	Upper	
202	100		
101	6.7	5.2	7.8
100	6.0	4.1	6.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#82

Pyrene

Concen: 4.644 ng/u1

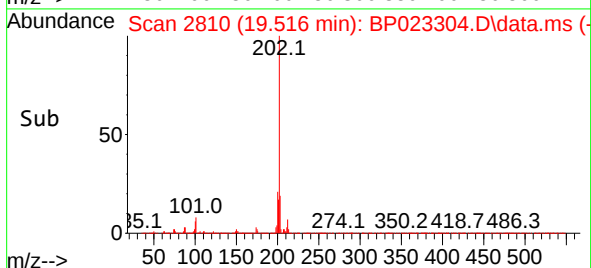
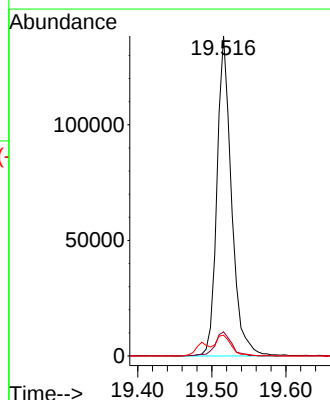
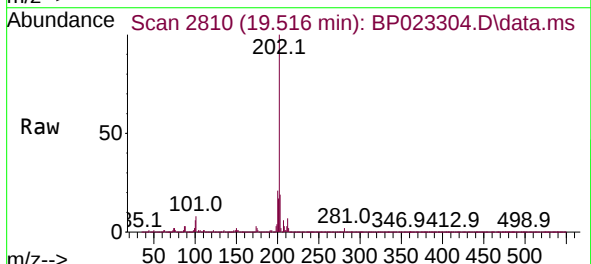
RT: 19.516 min Scan# 2810

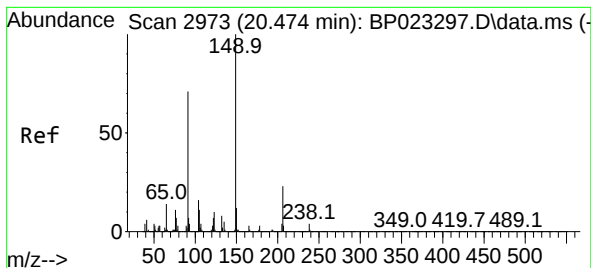
Delta R.T. 0.000 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Tgt Ion:	202	Resp:	188570
Ion Ratio	Lower	Upper	
202	100		
101	7.6	6.2	9.2
100	6.5	4.9	7.3





#83

Butylbenzylphthalate

Concen: 4.239 ng/ul

RT: 20.469 min Scan# 2973

Delta R.T. 0.006 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Instrument :

BNA_P

ClientSampleId :

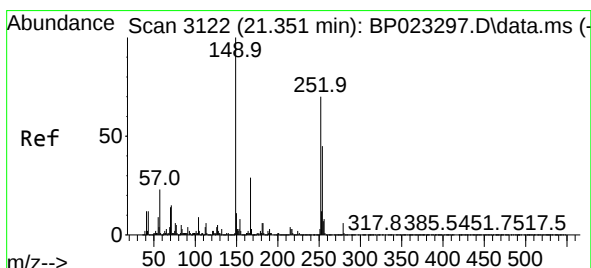
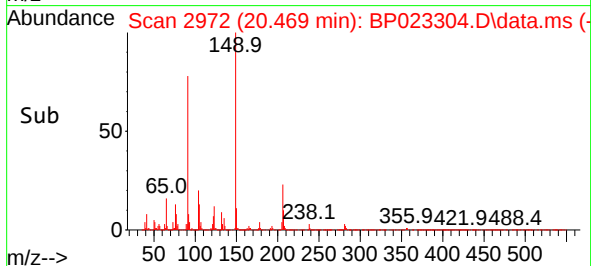
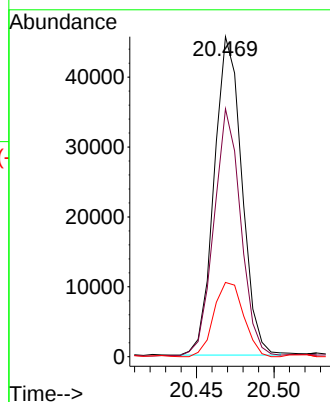
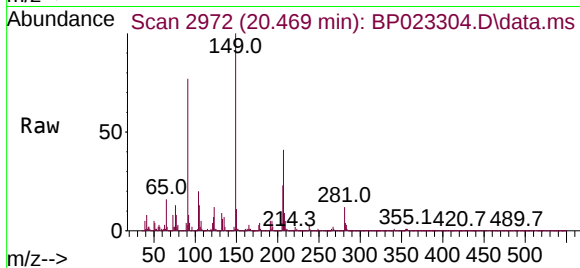
MDL-SOIL-QT4-2024-07

Tgt Ion:	149	Resp:	5666
Ion Ratio	Lower	Upper	
149	100		
91	77.5	55.6	83.4
206	23.2	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#84

3,3'-Dichlorobenzidine

Concen: 3.871 ng/ul

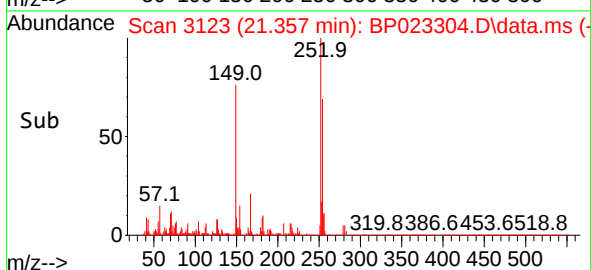
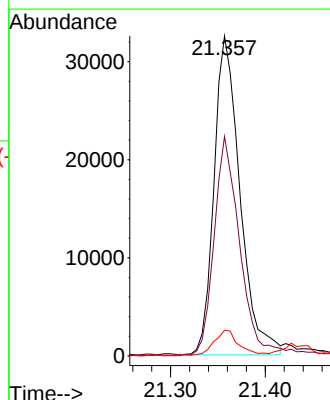
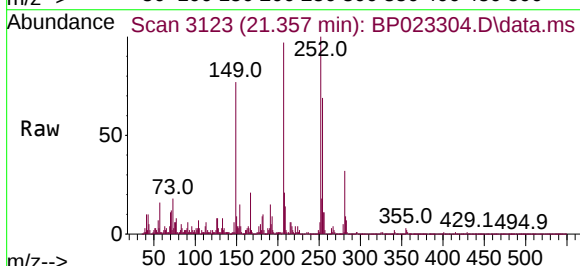
RT: 21.357 min Scan# 3123

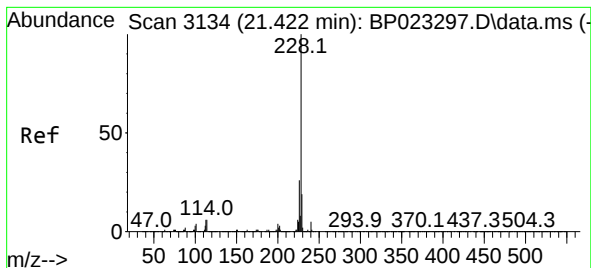
Delta R.T. 0.018 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Tgt Ion:	252	Resp:	61892
Ion Ratio	Lower	Upper	
252	100		
254	68.6	52.0	78.0
126	8.0	5.0	7.6





#85

Benzo(a)anthracene

Concen: 4.621 ng/ul

RT: 21.422 min Scan# 3134

Delta R.T. 0.018 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Instrument :

BNA_P

ClientSampleId :

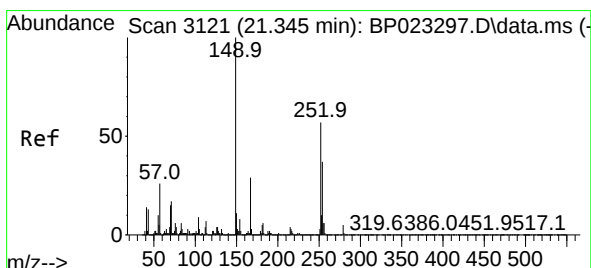
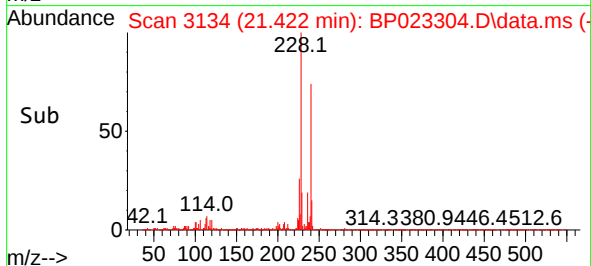
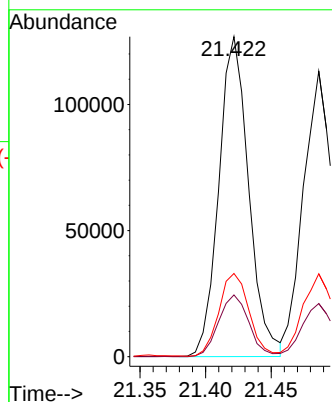
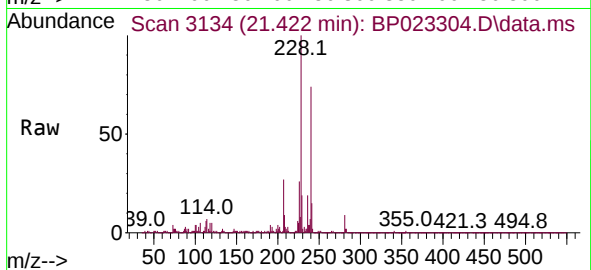
MDL-SOIL-QT4-2024-07

Tgt Ion:	228	Resp:	200949
Ion Ratio	Lower	Upper	
228	100		
229	19.3	15.5	23.3
226	26.0	21.9	32.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.153 ng/ul

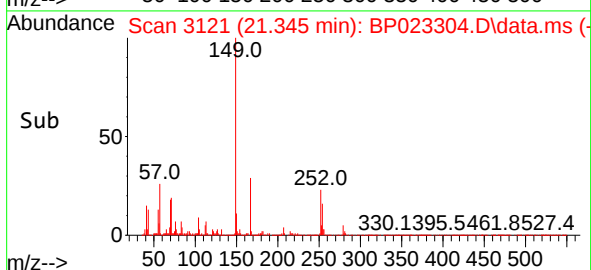
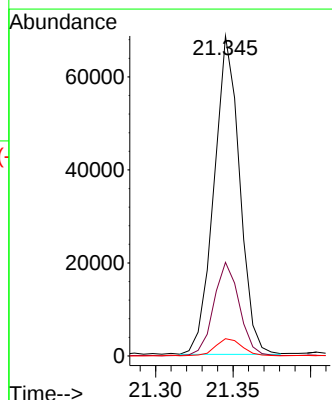
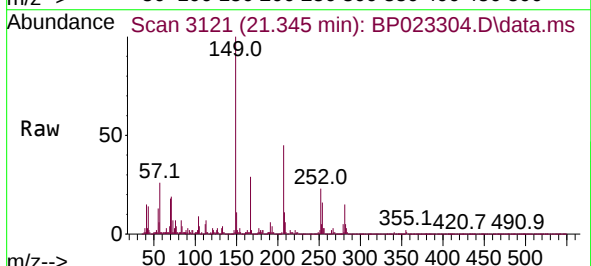
RT: 21.345 min Scan# 3121

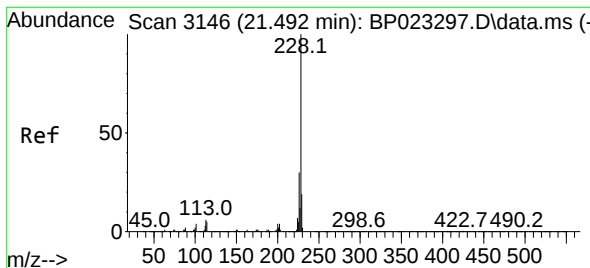
Delta R.T. 0.012 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Tgt Ion:	149	Resp:	78893
Ion Ratio	Lower	Upper	
149	100		
167	29.3	24.5	36.7
279	5.4	5.5	8.3





#87

Chrysene

Concen: 4.614 ng/ul

RT: 21.486 min Scan# 3146

Delta R.T. 0.018 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Instrument :

BNA_P

ClientSampleId :

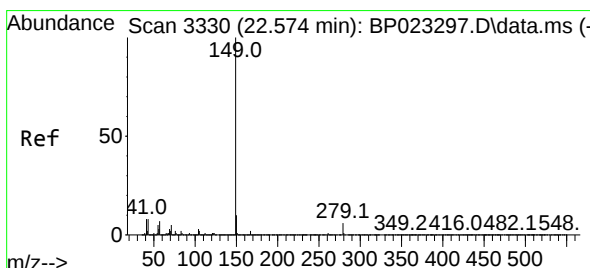
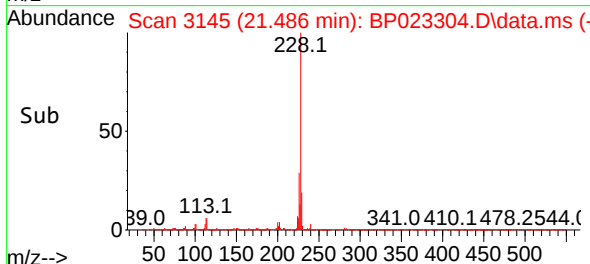
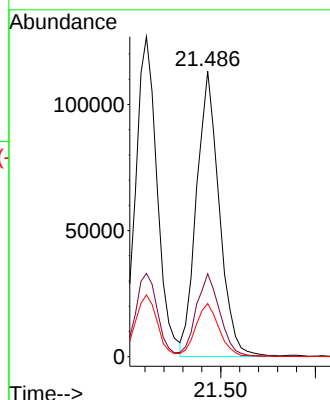
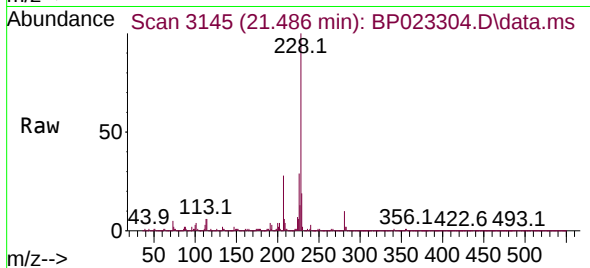
MDL-SOIL-QT4-2024-07

Tgt Ion:	228	Resp:	188814
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.2	36.2
229	18.6	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#89

Di-n-octyl phthalate

Concen: 4.114 ng/ul

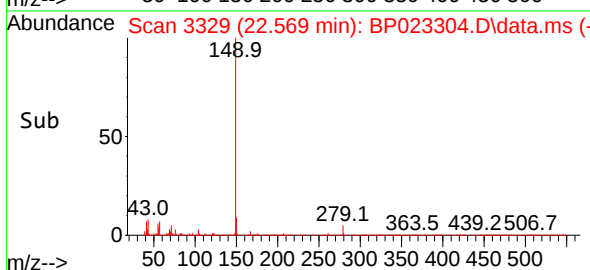
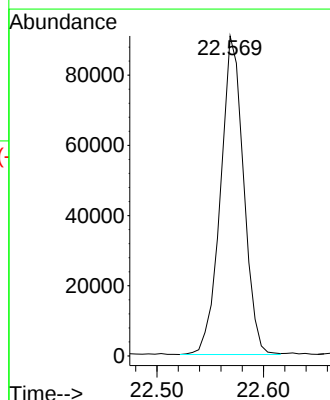
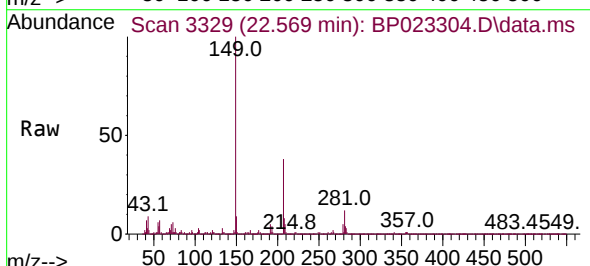
RT: 22.569 min Scan# 3329

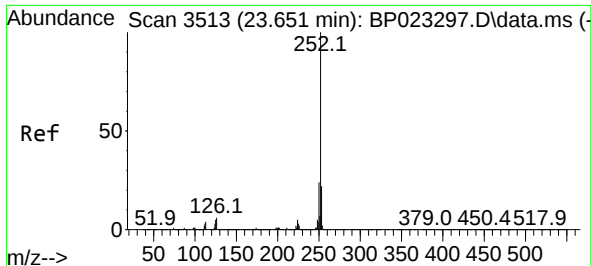
Delta R.T. 0.018 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

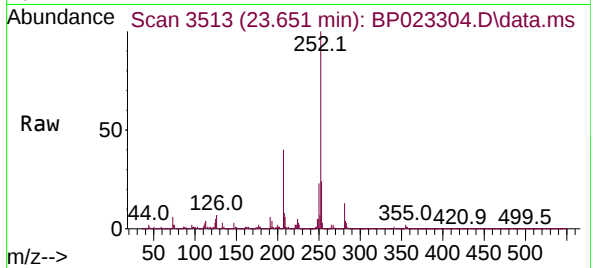
Tgt Ion:149 Resp: 136408





#90
Benzo(b)fluoranthene
Concen: 4.568 ng/ul
RT: 23.651 min Scan# 3513
Delta R.T. 0.024 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22

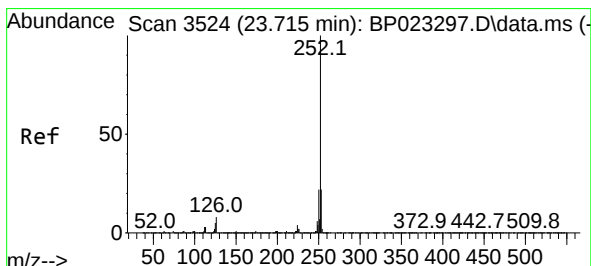
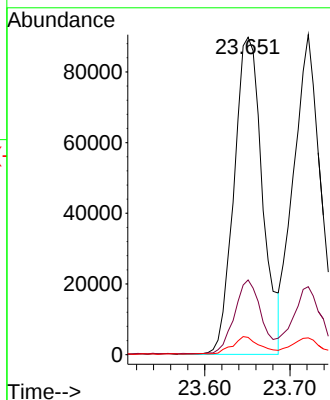
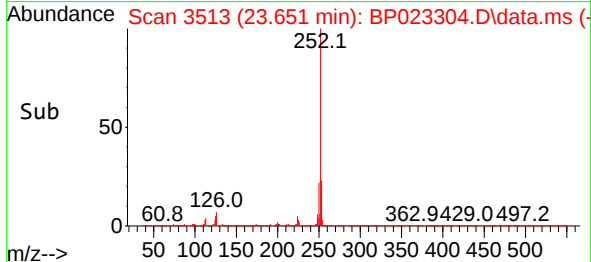
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT4-2024-07



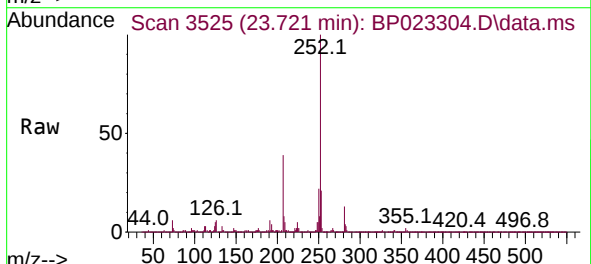
Tgt Ion:252 Resp: 207792
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 5.4 3.7 5.5

Manual Integrations
APPROVED

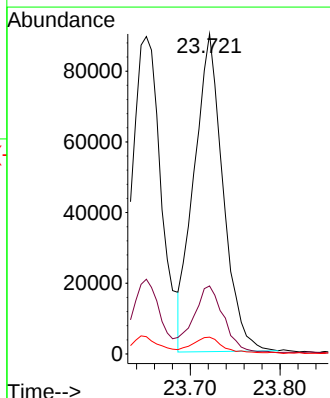
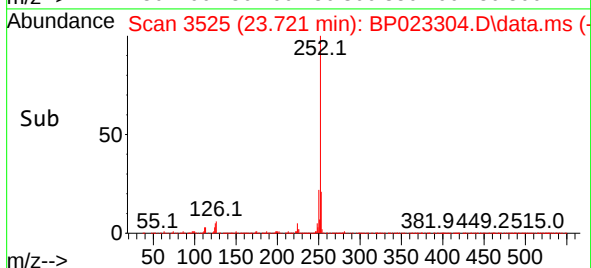
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

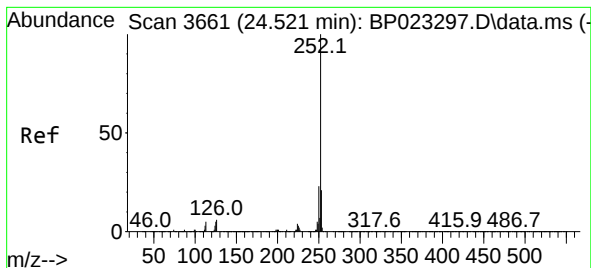


#91
Benzo(k)fluoranthene
Concen: 4.506 ng/ul
RT: 23.721 min Scan# 3525
Delta R.T. 0.035 min
Lab File: BP023304.D
Acq: 22 Nov 2024 15:22



Tgt Ion:252 Resp: 201806
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 5.2 3.0 4.4#





#93

Benzo(a)pyrene

Concen: 4.385 ng/ul

RT: 24.515 min Scan# 30

Delta R.T. 0.030 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Instrument :

BNA_P

ClientSampleId :

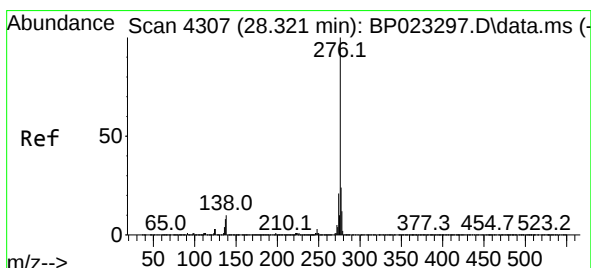
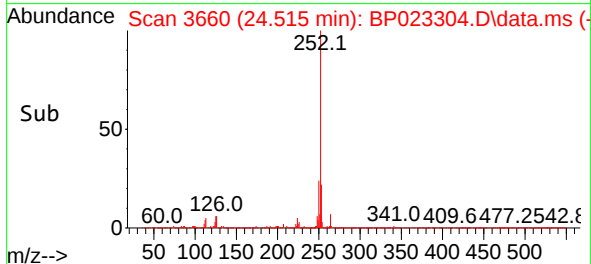
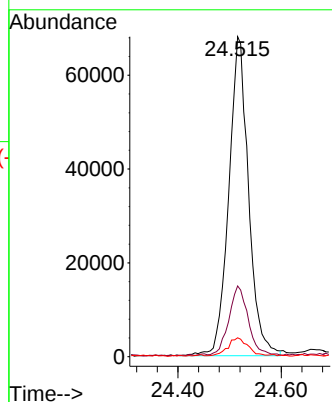
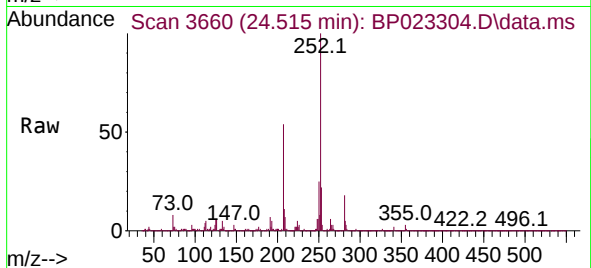
MDL-SOIL-QT4-2024-07

Tgt Ion:	252	Resp:	18031
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	5.9	4.2	6.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.328 ng/ul m

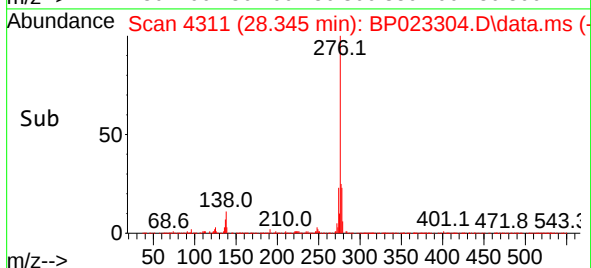
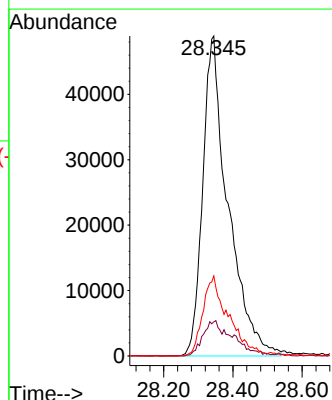
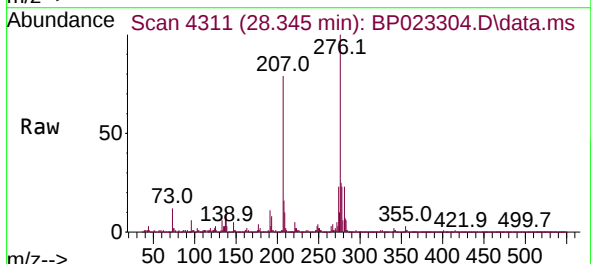
RT: 28.345 min Scan# 4311

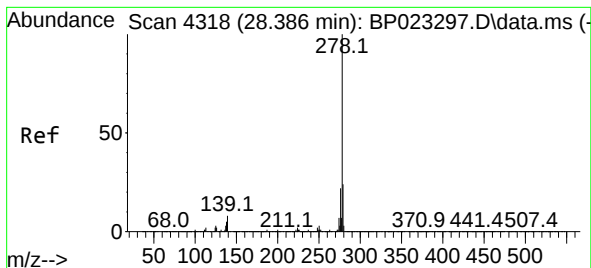
Delta R.T. 0.071 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Tgt Ion:	276	Resp:	247946
Ion Ratio	Lower	Upper	
276	100		
138	10.6	7.0	10.4
277	25.0	19.8	29.8





#95

Dibenzo(a,h)anthracene

Concen: 4.291 ng/ul m

RT: 28.398 min Scan# 4318

Delta R.T. 0.077 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Instrument :

BNP_P

ClientSampleId :

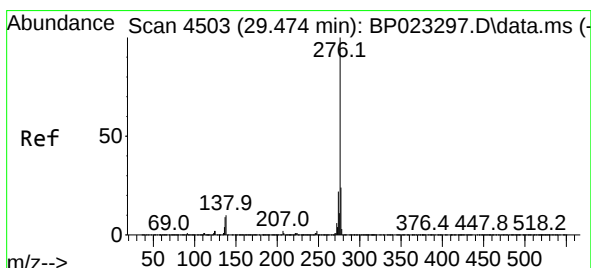
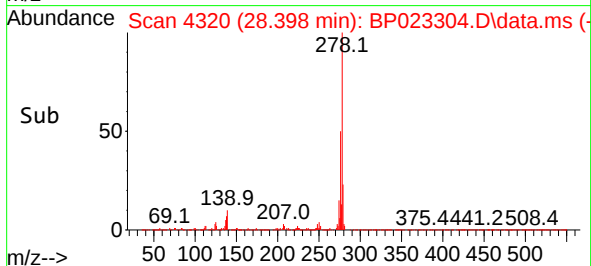
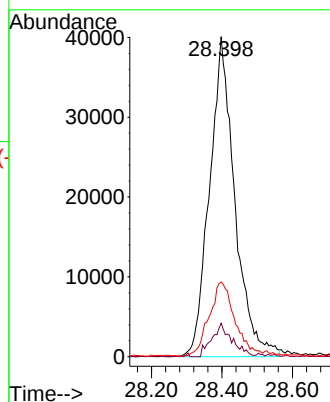
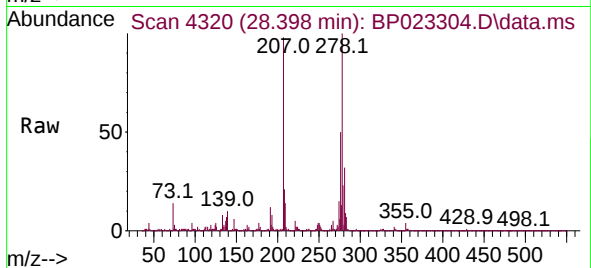
MDL-SOIL-QT4-2024-07

Tgt Ion:	278	Resp:	19959
Ion Ratio	Lower	Upper	
278	100		
139	10.4	5.4	8.0
279	23.3	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#96

Benzo(g,h,i)perylene

Concen: 4.434 ng/ul m

RT: 29.462 min Scan# 4501

Delta R.T. 0.053 min

Lab File: BP023304.D

Acq: 22 Nov 2024 15:22

Tgt Ion:	276	Resp:	192937
Ion Ratio	Lower	Upper	
276	100		
138	11.4	7.1	10.7
277	21.1	19.4	29.2

