

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112524\
 Data File : BP023317.D
 Acq On : 25 Nov 2024 15:40
 Operator : RC/JU
 Sample : P4776-06
 Misc : MDL-SOIL-ME-QT4-2024
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-08

Quant Time: Nov 26 00:16:05 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 :Yogesh Patel 11/27/2024
 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	81417	20.000	ng/u1	0.00
20) Naphthalene-d8	10.304	136	302870	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.169	164	235212	20.000	ng/u1	-0.02
64) Phenanthrene-d10	16.969	188	598875	20.000	ng/u1	#-0.03
79) Chrysene-d12	21.398	240	717424	20.000	ng/u1	-0.02
88) Perylene-d12	24.592	264	820405	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	6727	3.972	ng/uL	0.00
4) Pyridine-d5	3.552	84	60945	12.111	ng/u1	0.00
7) Phenol-d5	6.781	99	68884	11.444	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	49983	14.133	ng/u1	0.00
11) 2-Chlorophenol-d4	7.116	132	56434	12.801	ng/u1	0.00
15) 4-Methylphenol-d8	8.287	113	54646	11.032	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	27625	13.102	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	31299	12.451	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	61290	11.643	ng/u1	0.01
31) 4-Chloroaniline-d4	10.475	131	71019	11.308	ng/u1	0.00
46) Dimethylphthalate-d6	13.592	166	230530	13.599	ng/u1	0.00
49) Acenaphthylene-d8	13.863	160	238899	13.506	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.492	143	32011m	12.565	ng/u1	0.04
60) Fluorene-d10	15.175	176	200130	13.465	ng/u1	-0.03
65) 4,6-Dinitro-2-methylph...	15.351	200	38571	10.751	ng/u1	0.00
73) Anthracene-d10	17.081	188	327743	12.925	ng/u1	-0.02
81) Pyrene-d10	19.457	212	455887	13.796	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.374	264	537869	13.764	ng/u1	-0.05
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	2638m	1.348	ng/uL	
5) Pyridine	3.569	79	20033	3.964	ng/u1#	74
6) Benzaldehyde	6.752	77	16170	4.668	ng/u1	93
8) Phenol	6.805	94	23656	3.763	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.010	93	20371	4.313	ng/u1	97
12) 2-Chlorophenol	7.152	128	19630	4.289	ng/u1	95
13) 2-Methylphenol	8.028	108	17885	3.812	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.075	45	26626	4.979	ng/u1	97
16) Acetophenone	8.387	105	34340	4.126	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.363	70	18937	4.556	ng/u1	97
18) 4-Methylphenol	8.369	108	19659	3.793	ng/u1	83
19) Hexachloroethane	8.610	117	10029	4.531	ng/u1	92
22) Nitrobenzene	8.752	77	27241	4.503	ng/u1#	86
23) Isophorone	9.263	82	48211	4.457	ng/u1	97
25) 2-Nitrophenol	9.452	139	11202	4.222	ng/u1	94
26) 2,4-Dimethylphenol	9.522	107	20399	3.560	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.746	93	27556	4.629	ng/u1	97
29) 2,4-Dichlorophenol	10.004	162	19887	3.814	ng/u1	96
30) Naphthalene	10.351	128	66337	4.508	ng/u1	99
32) 4-Chloroaniline	10.493	127	23272m	3.825	ng/u1	
33) Hexachlorobutadiene	10.622	225	20022	4.244	ng/u1	92
34) Caprolactam	11.298	113	6413m	4.135	ng/u1	
35) 4-Chloro-3-methylphenol	11.646	107	22428m	3.998	ng/u1	
36) 2-Methylnaphthalene	11.975	142	47554	4.281	ng/u1	99

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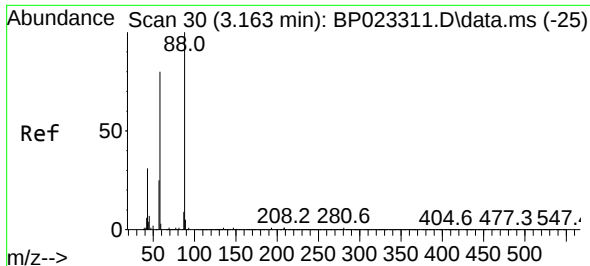
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Manual Integrations
 APPROVED

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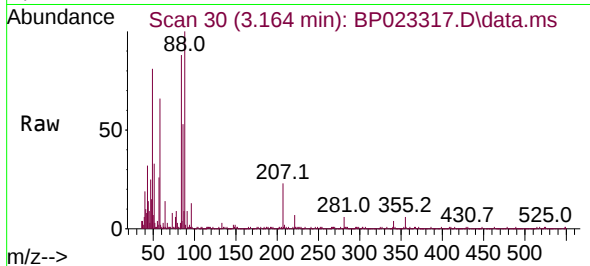
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.198	142	44263	3.898	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.351	216	35892	4.520	ng/ul	98
40) Hexachlorocyclopentadiene	12.310	237	18304	4.389	ng/ul	99
41) 2,4,6-Trichlorophenol	12.622	196	19879m	4.111	ng/ul	
42) 2,4,5-Trichlorophenol	12.722	196	19606	3.761	ng/ul	89
43) 1,1'-Biphenyl	12.993	154	68007	4.512	ng/ul	96
44) 2-Chloronaphthalene	13.040	162	55777	4.527	ng/ul	99
45) 2-Nitroaniline	13.293	65	13513m	3.906	ng/ul	
47) Dimethylphthalate	13.634	163	75918	4.541	ng/ul	98
48) 2,6-Dinitrotoluene	13.769	165	12479	3.837	ng/ul#	95
50) Acenaphthylene	13.898	152	85514	4.783	ng/ul	99
51) 3-Nitroaniline	14.140	138	9602m	3.428	ng/ul	
52) Acenaphthene	14.240	153	58817	4.531	ng/ul	97
53) 2,4-Dinitrophenol	14.363	184	14489m	6.279	ng/ul	
55) 4-Nitrophenol	14.498	109	10923m	3.665	ng/ul	
56) Dibenzofuran	14.587	168	90912	4.533	ng/ul	96
57) 2,4-Dinitrotoluene	14.598	165	20833m	4.019	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	14.828	232	21282	4.177	ng/ul	95
59) Diethylphthalate	15.016	149	73407	4.440	ng/ul	97
61) Fluorene	15.239	166	72260	4.402	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.239	204	43124	4.462	ng/ul	97
63) 4-Nitroaniline	15.328	138	9199m	3.529	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.369	198	16318	4.258	ng/ul#	80
67) N-Nitrosodiphenylamine	15.457	169	61031	4.410	ng/ul	94
68) 4-Bromophenyl-phenylether	16.151	248	29264	4.315	ng/ul	96
69) Hexachlorobenzene	16.269	284	36169	4.237	ng/ul	98
70) Atrazine	16.445	200	28286	4.229	ng/ul	95
71) Pentachlorophenol	16.639	266	33311m	6.285	ng/ul	
72) Phenanthrene	17.016	178	126999	4.491	ng/ul	98
74) Anthracene	17.122	178	123052	4.328	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	12.963	216	34414	4.352	ng/ul	96
76) Pentachlorobenzene	14.498	250	36042	3.992	ng/ul	96
77) Carbazole	17.428	167	95476	3.849	ng/ul	94
78) Di-n-butylphthalate	17.980	149	117102	4.255	ng/ul	99
80) Fluoranthene	19.110	202	171873	4.515	ng/ul	99
82) Pyrene	19.492	202	186352	4.557	ng/ul	99
83) Butylbenzylphthalate	20.445	149	56009	4.160	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.321	252	54991m	3.415	ng/ul	
85) Benzo(a)anthracene	21.380	228	197856	4.517	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.310	149	81343	4.251	ng/ul	99
87) Chrysene	21.451	228	194983	4.730	ng/ul	99
89) Di-n-octyl phthalate	22.510	149	147240	4.424	ng/ul	100
90) Benzo(b)fluoranthene	23.586	252	209543m	4.589	ng/ul	
91) Benzo(k)fluoranthene	23.657	252	211463	4.704	ng/ul#	99
93) Benzo(a)pyrene	24.451	252	175846	4.260	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.227	276	236225m	4.107	ng/ul	
95) Dibenzo(a,h)anthracene	28.268	278	199243m	4.267	ng/ul	
96) Benzo(g,h,i)perylene	29.362	276	196067m	4.488	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.348 ng/uL m
RT: 3.164 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

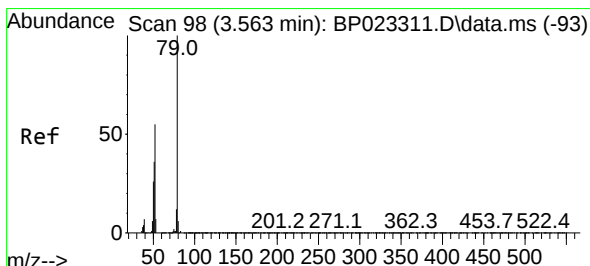
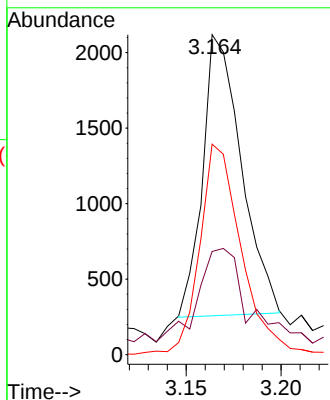
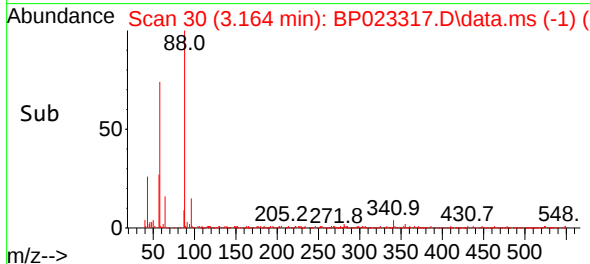
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 88 Resp: 2638
Ion Ratio Lower Upper
88 100
43 32.2 24.2 36.4
58 65.8 59.2 88.8

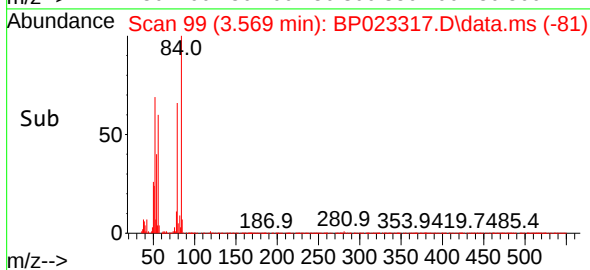
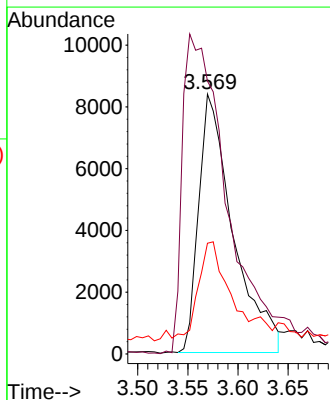
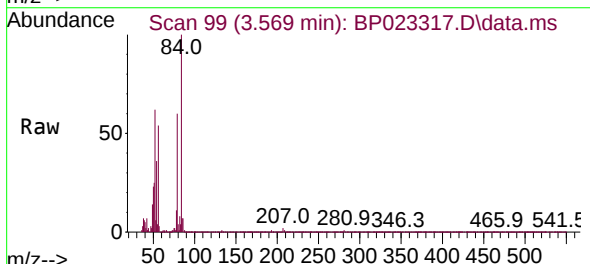
Manual Integrations
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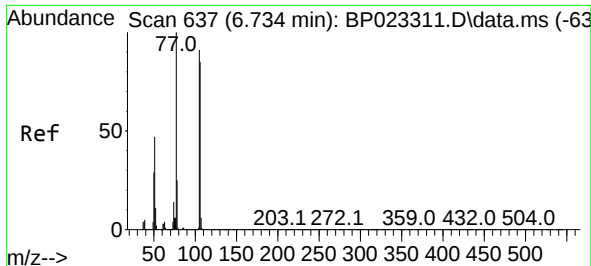
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#5
Pyridine
Concen: 3.964 ng/uL
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

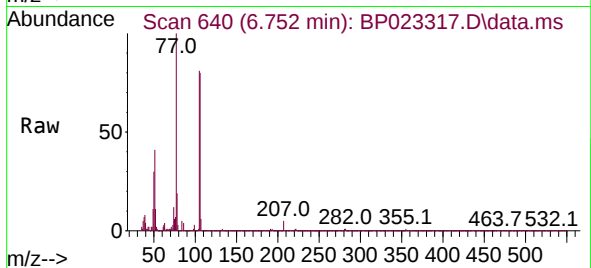
Tgt Ion: 79 Resp: 20033
Ion Ratio Lower Upper
79 100
52 105.0 59.5 89.3#
51 42.6 30.4 45.6





#6
Benzaldehyde
Concen: 4.668 ng/ul
RT: 6.752 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

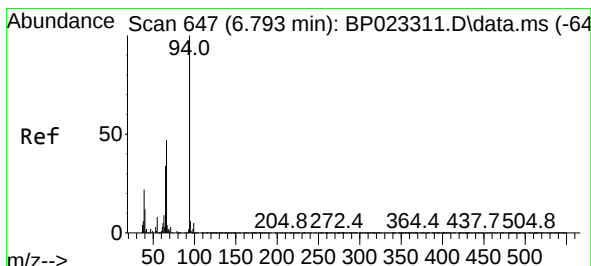
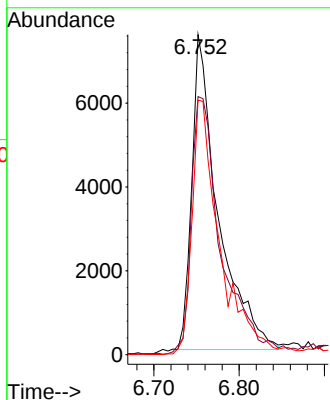
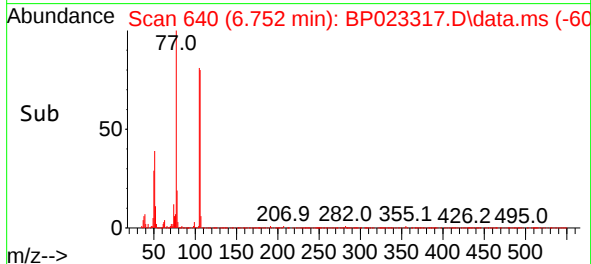
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



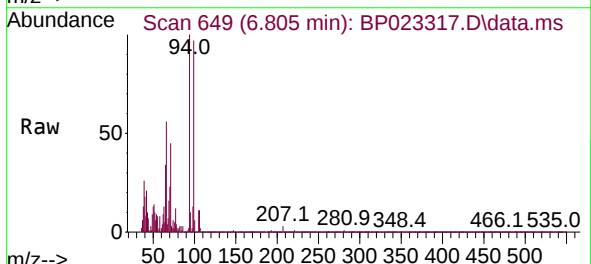
Tgt Ion: 77 Resp: 16170
Ion Ratio Lower Upper
77 100
105 80.7 72.5 108.7
106 79.6 65.5 98.3

Manual Integrations
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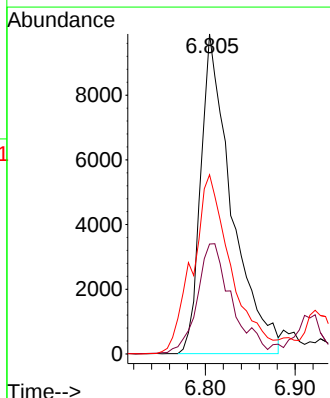
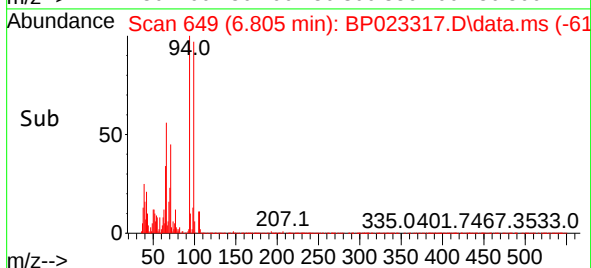
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

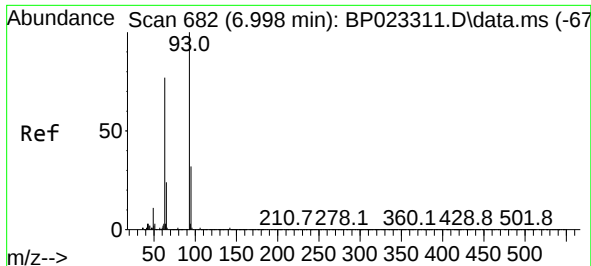


#8
Phenol
Concen: 3.763 ng/ul
RT: 6.805 min Scan# 649
Delta R.T. 0.000 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40



Tgt Ion: 94 Resp: 23656
Ion Ratio Lower Upper
94 100
65 34.3 26.2 39.4
66 56.0 40.2 60.4





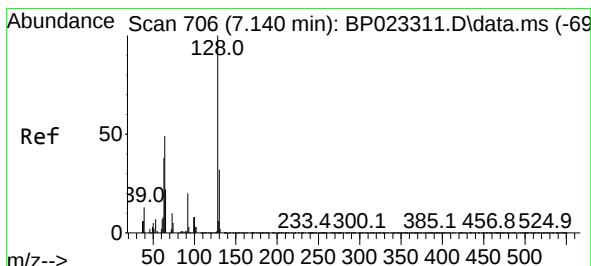
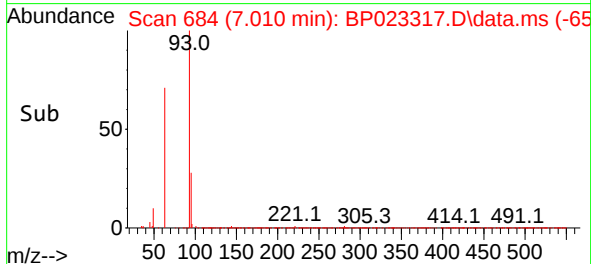
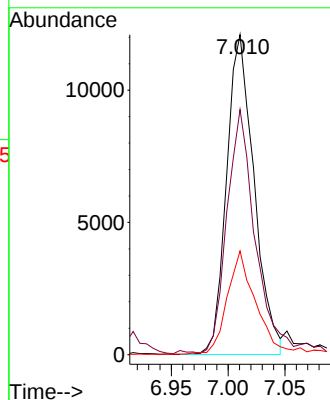
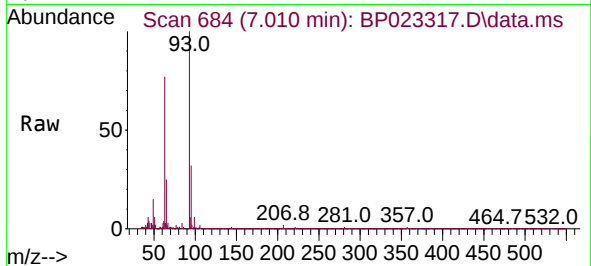
#10
Bis(2-Chloroethyl)ether
Concen: 4.313 ng/ul
RT: 7.010 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 93 Resp: 2037
Ion Ratio Lower Upper
93 100
63 76.6 60.6 91.0
95 32.4 29.0 43.4

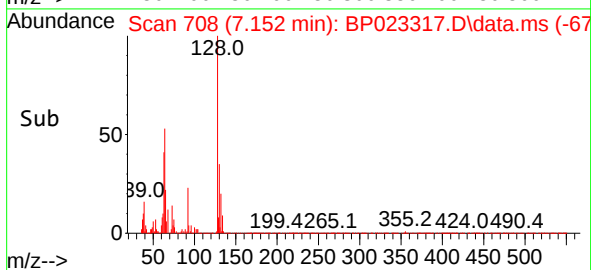
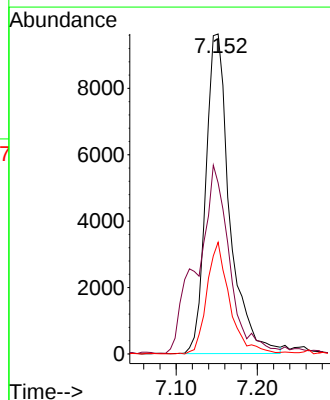
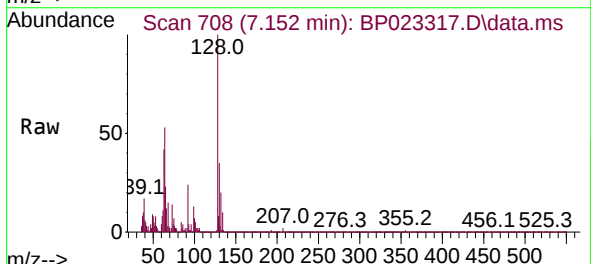
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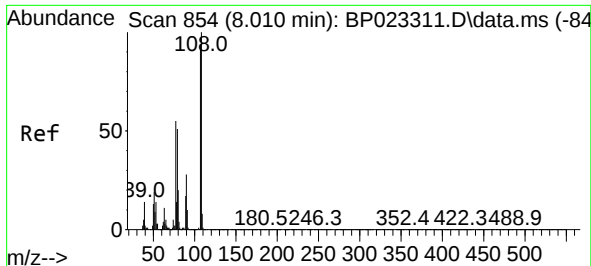
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#12
2-Chlorophenol
Concen: 4.289 ng/ul
RT: 7.152 min Scan# 708
Delta R.T. 0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

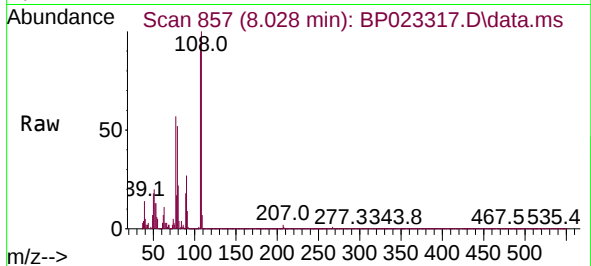
Tgt Ion:128 Resp: 19630
Ion Ratio Lower Upper
128 100
64 53.4 39.0 58.6
130 34.9 26.4 39.6





#13
2-Methylphenol
Concen: 3.812 ng/ul
RT: 8.028 min Scan# 80
Delta R.T. 0.012 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

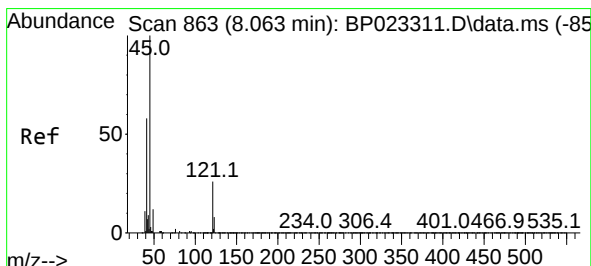
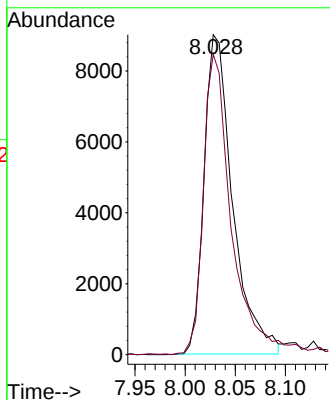
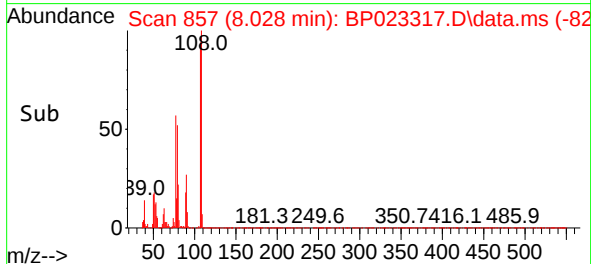
Instrument :
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Tgt Ion:108 Resp: 1788
Ion Ratio Lower Upper
108 100
107 93.9 73.3 109.9

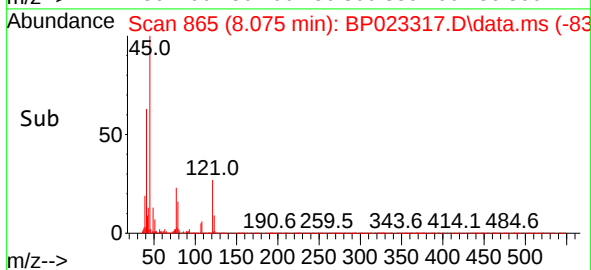
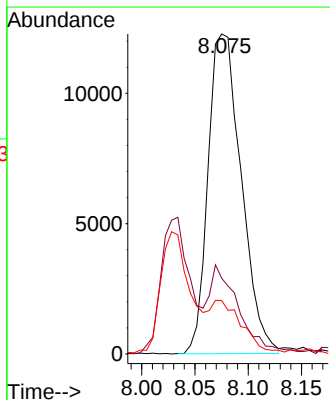
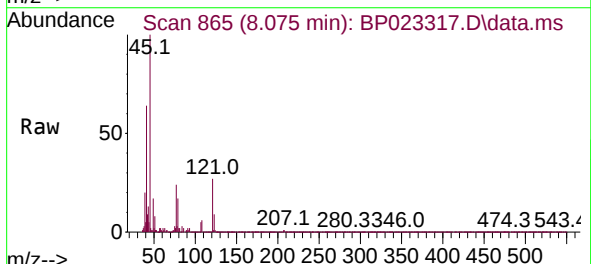
Manual Integrations
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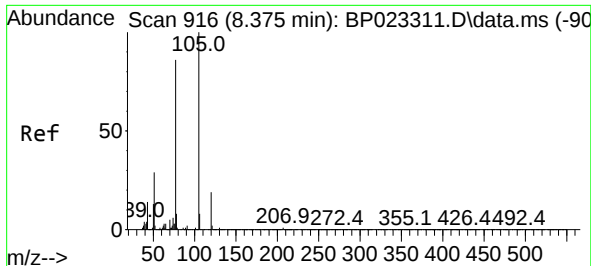
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.979 ng/ul
RT: 8.075 min Scan# 865
Delta R.T. 0.000 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion: 45 Resp: 26626
Ion Ratio Lower Upper
45 100
77 23.7 18.2 27.2
79 16.7 11.7 17.5





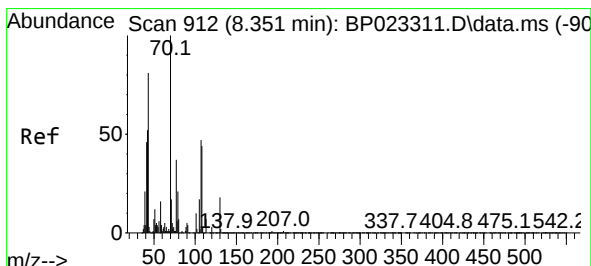
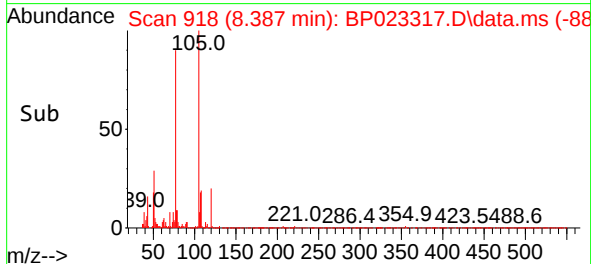
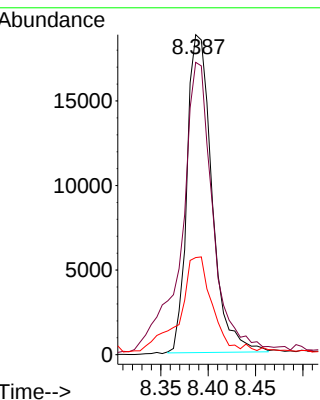
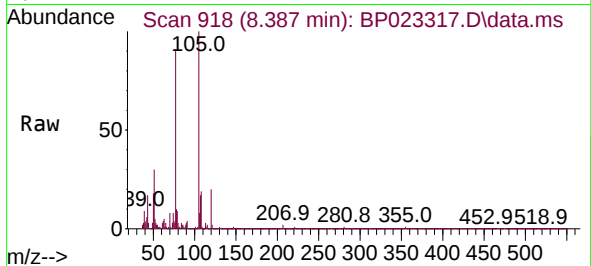
#16
Acetophenone
Concen: 4.126 ng/ul
RT: 8.387 min Scan# 916
Delta R.T. 0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:105 Resp: 34340
Ion Ratio Lower Upper
105 100
77 91.3 69.4 104.0
51 30.4 23.2 34.8

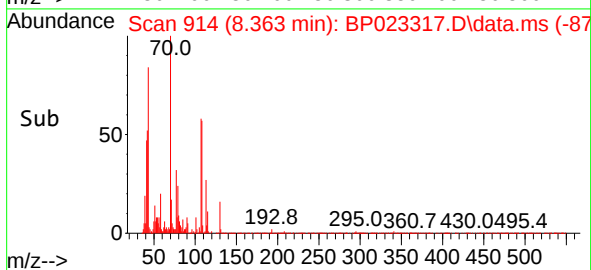
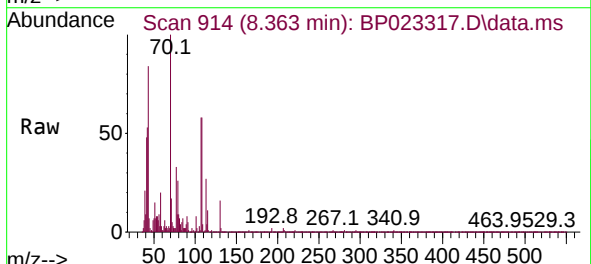
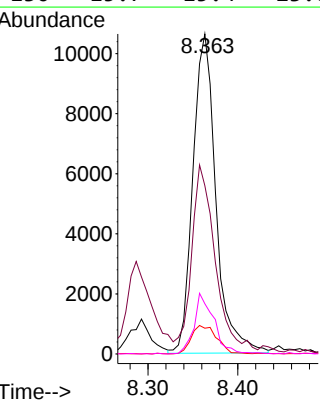
Manual Integrations
APPROVED

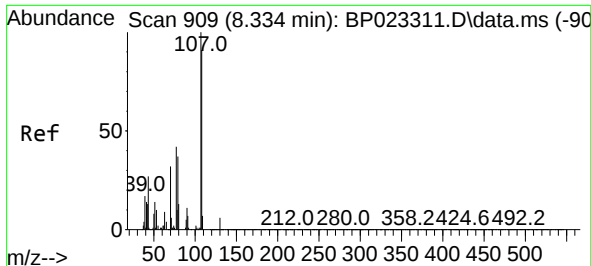
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.556 ng/ul
RT: 8.363 min Scan# 914
Delta R.T. 0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

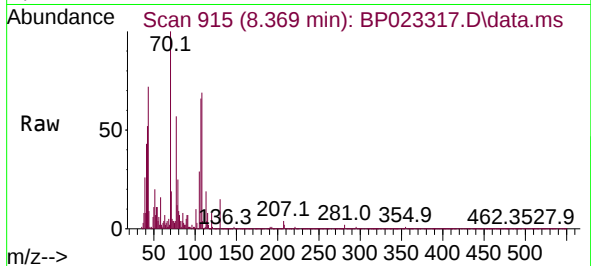
Tgt Ion: 70 Resp: 18937
Ion Ratio Lower Upper
70 100
42 52.6 42.3 63.5
101 8.1 7.4 11.2
130 15.7 15.4 23.0





#18
4-Methylphenol
Concen: 3.793 ng/ul
RT: 8.369 min Scan# 915
Delta R.T. 0.024 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

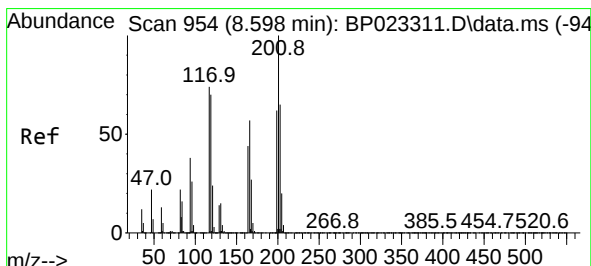
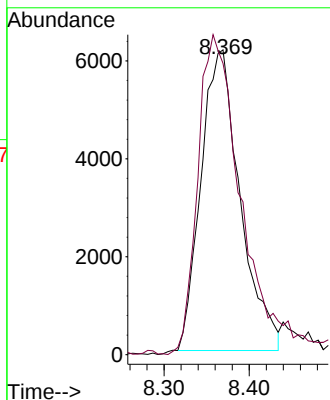
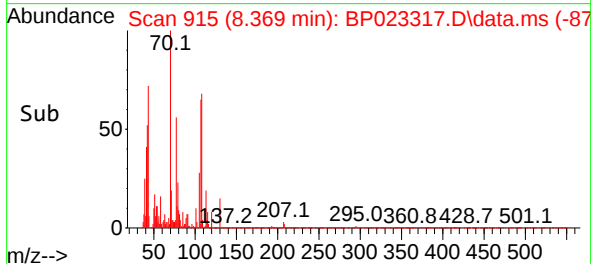
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:108 Resp: 1965
Ion Ratio Lower Upper
108 100
107 95.6 91.5 137.3

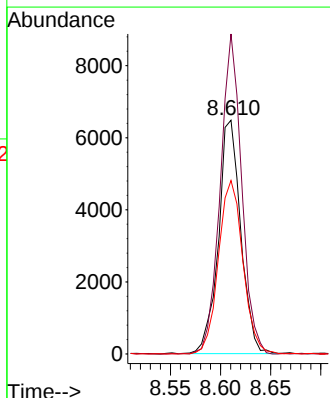
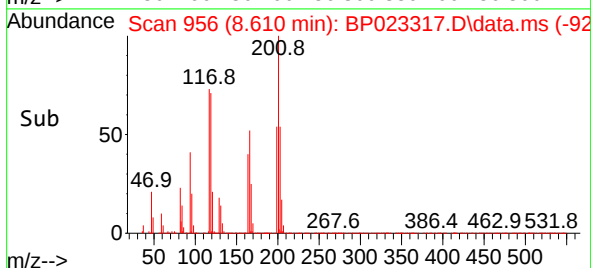
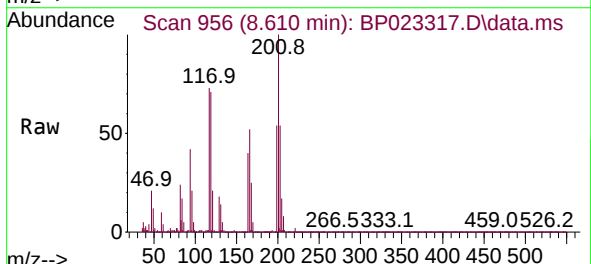
Manual Integrations
APPROVED

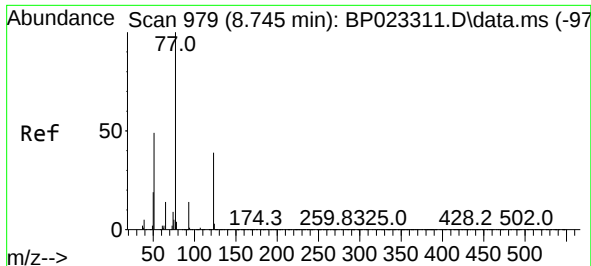
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#19
Hexachloroethane
Concen: 4.531 ng/ul
RT: 8.610 min Scan# 956
Delta R.T. -0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion:117 Resp: 10029
Ion Ratio Lower Upper
117 100
201 139.4 105.0 157.6
199 74.2 65.9 98.9





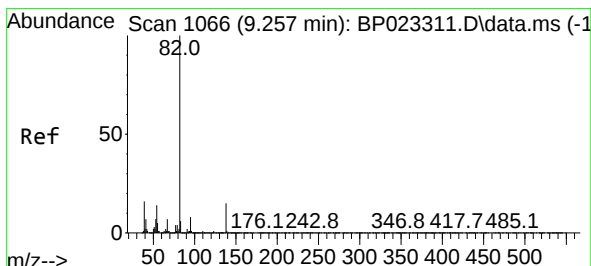
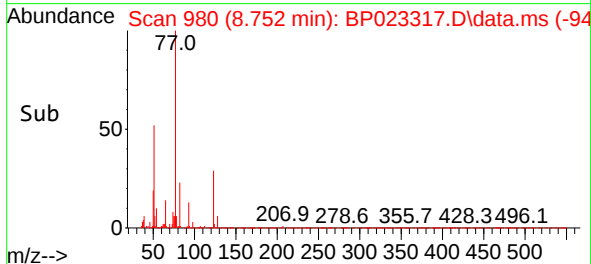
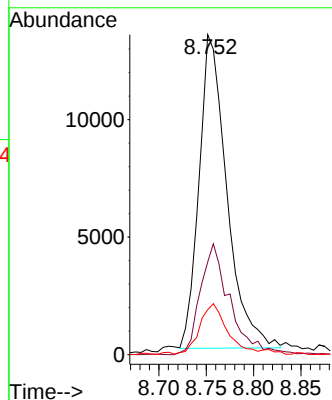
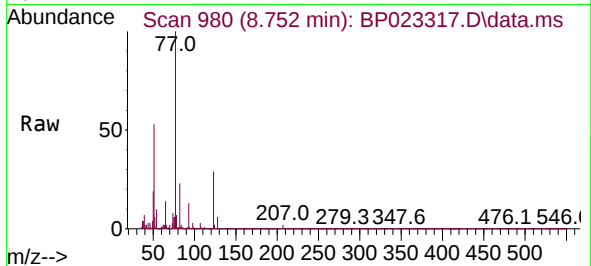
#22
Nitrobenzene
Concen: 4.503 ng/u1
RT: 8.752 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 77 Resp: 2724
Ion Ratio Lower Upper
77 100
123 29.0 32.2 48.4
65 14.0 10.9 16.3

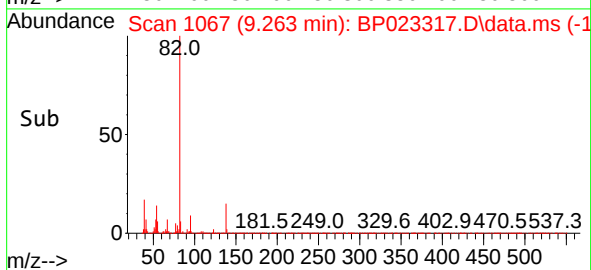
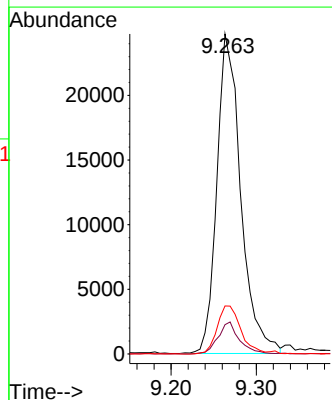
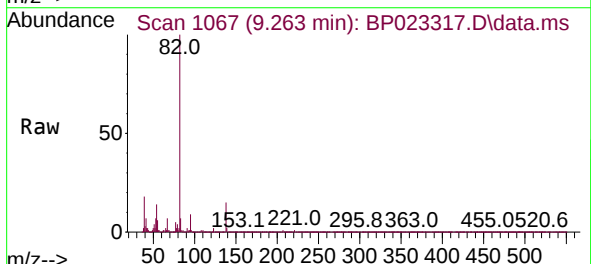
Manual Integrations
APPROVED

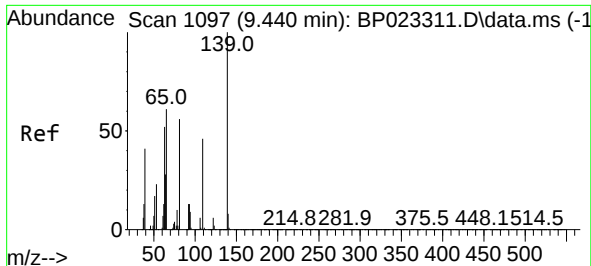
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#23
Isophorone
Concen: 4.457 ng/u1
RT: 9.263 min Scan# 1067
Delta R.T. -0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion: 82 Resp: 48211
Ion Ratio Lower Upper
82 100
95 9.2 7.6 11.4
138 15.0 13.4 20.2





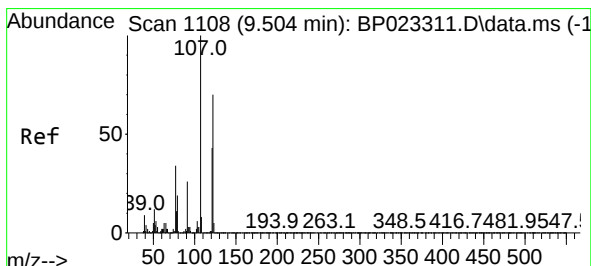
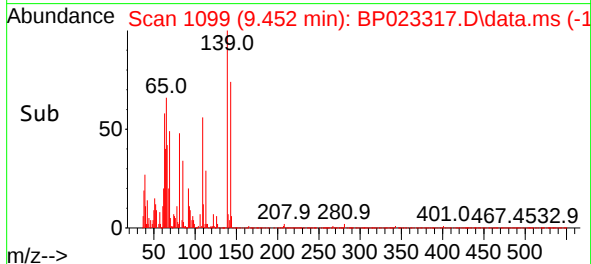
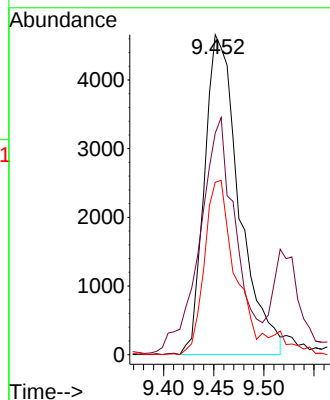
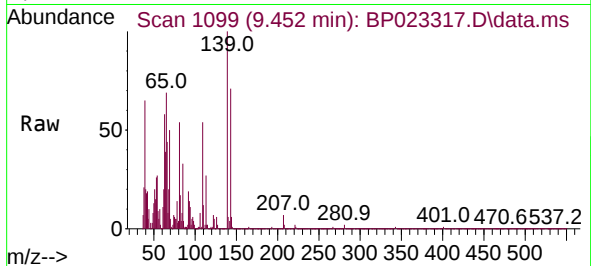
#25
2-Nitrophenol
Concen: 4.222 ng/ul
RT: 9.452 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:139 Resp: 1120
Ion Ratio Lower Upper
139 100
65 69.2 52.8 79.2
109 53.8 38.9 58.3

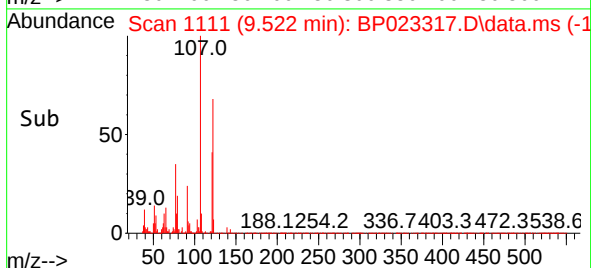
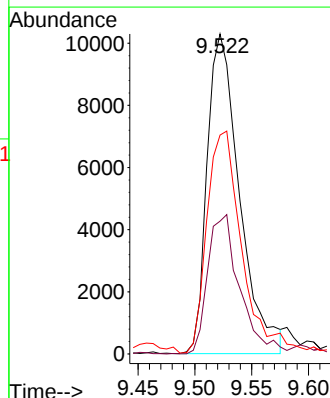
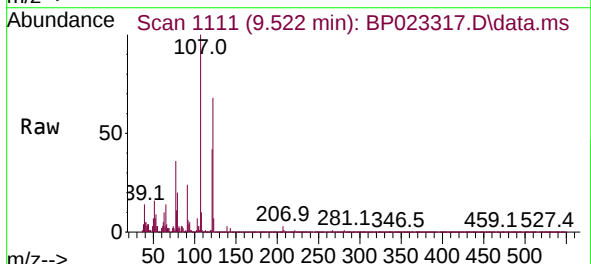
Manual Integrations
APPROVED

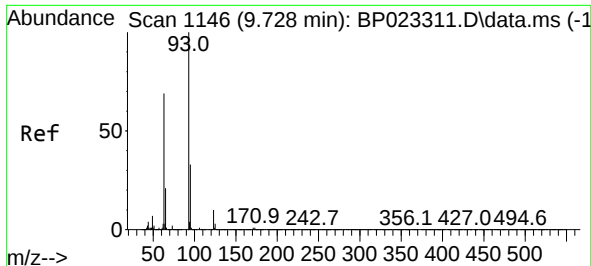
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2,4-Dimethylphenol
Concen: 3.560 ng/ul
RT: 9.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion:107 Resp: 20399
Ion Ratio Lower Upper
107 100
121 41.5 34.4 51.6
122 68.4 56.7 85.1





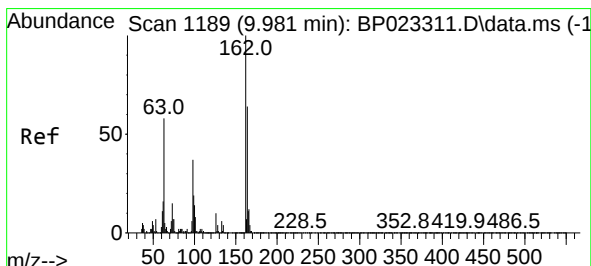
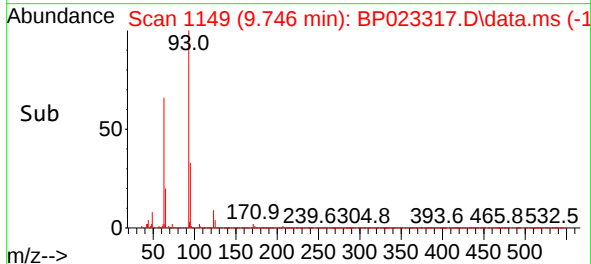
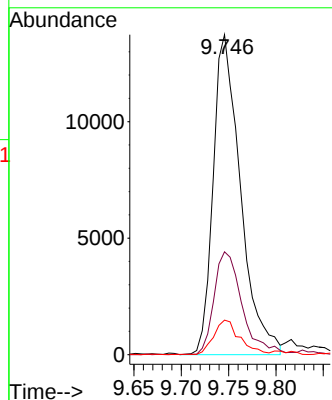
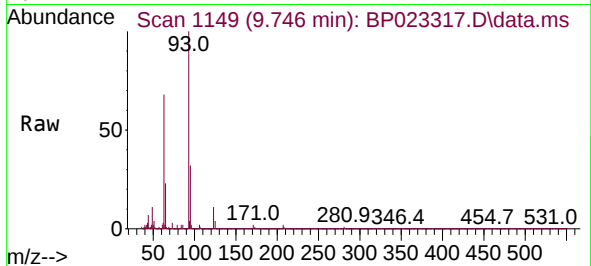
#27
Bis(2-Chloroethoxy)methane
Concen: 4.629 ng/ul
RT: 9.746 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:	93	Resp:	27550
Ion	Ratio	Lower	Upper
93	100		
95	32.1	27.0	40.6
123	10.8	8.2	12.4

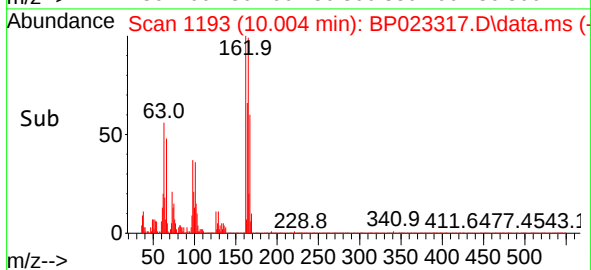
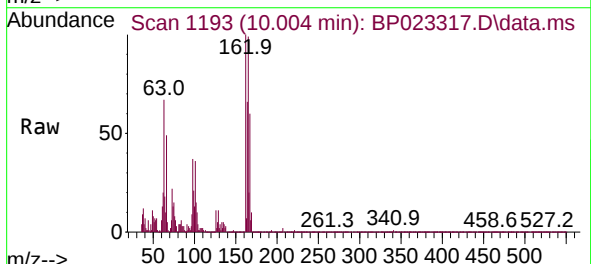
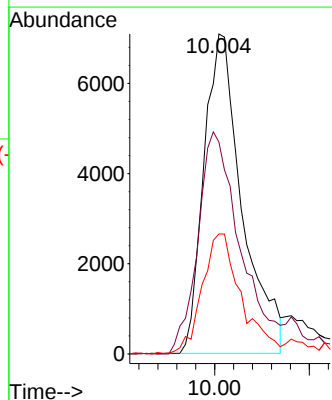
Manual Integrations
APPROVED

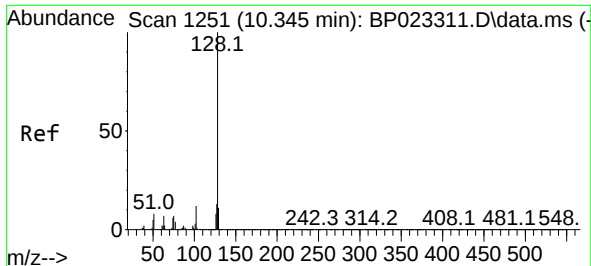
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#29
2,4-Dichlorophenol
Concen: 3.814 ng/ul
RT: 10.004 min Scan# 1193
Delta R.T. 0.012 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

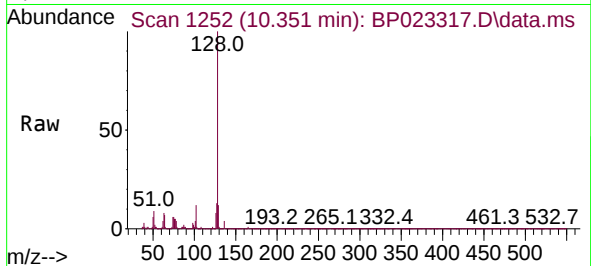
Tgt Ion:	162	Resp:	19887
Ion	Ratio	Lower	Upper
162	100		
164	66.2	51.4	77.0
98	37.5	27.0	40.6





#30
Naphthalene
Concen: 4.508 ng/ul
RT: 10.351 min Scan# 1251
Delta R.T. -0.012 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

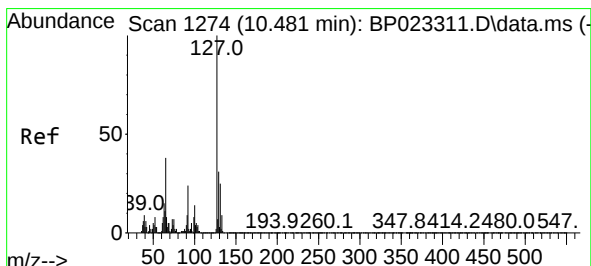
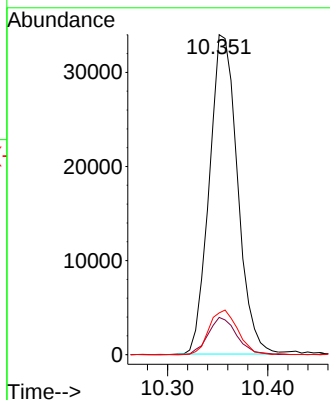
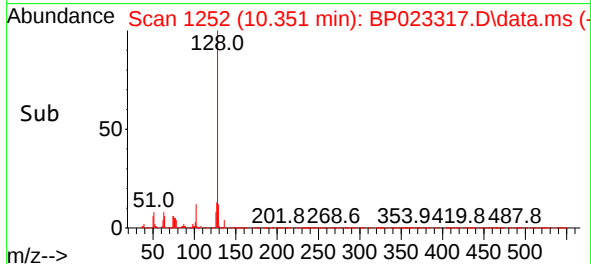
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:128 Resp: 6633
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 13.0 10.2 15.2

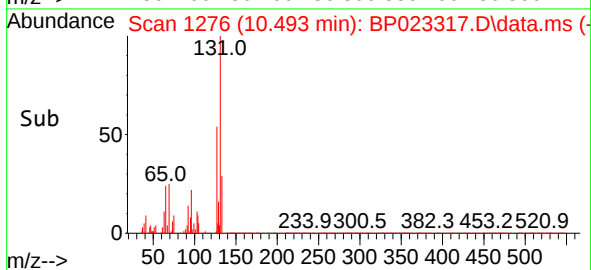
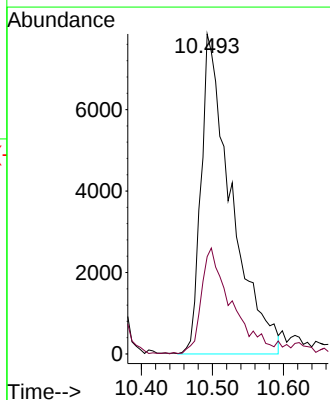
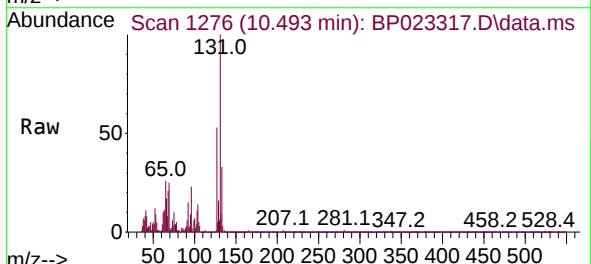
Manual Integrations
APPROVED

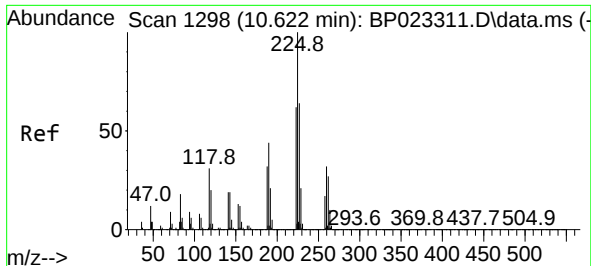
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#32
4-Chloroaniline
Concen: 3.825 ng/ul m
RT: 10.493 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

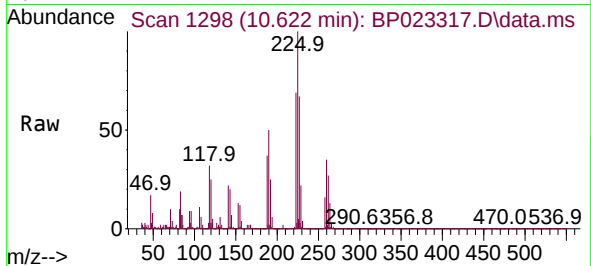
Tgt Ion:127 Resp: 23272
Ion Ratio Lower Upper
127 100
129 30.4 26.4 39.6





#33
Hexachlorobutadiene
Concen: 4.244 ng/ul
RT: 10.622 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

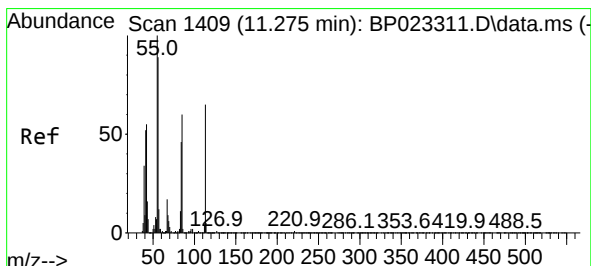
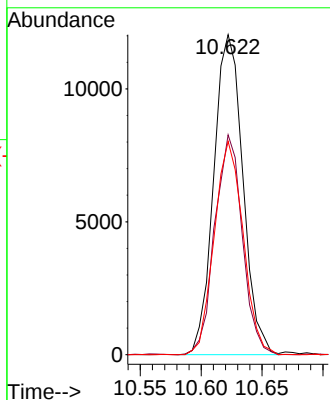
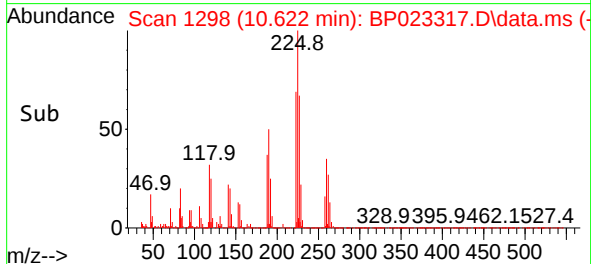
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:225 Resp: 2002
Ion Ratio Lower Upper
225 100
223 72.0 49.7 74.5
227 66.7 51.4 77.0

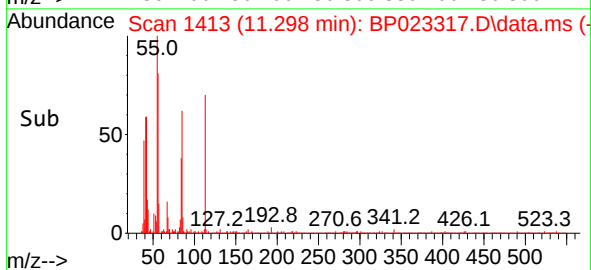
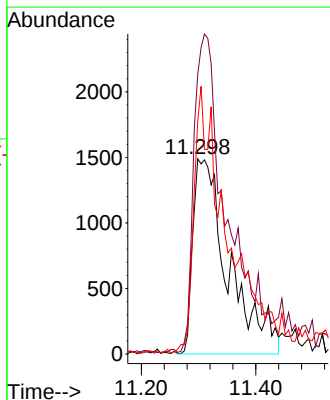
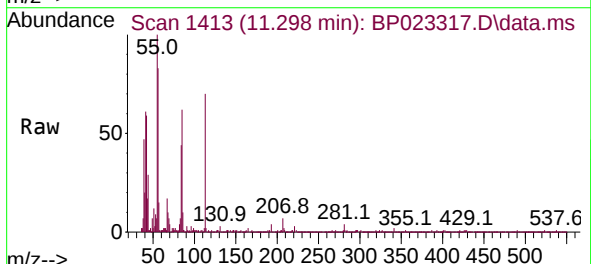
Manual Integrations
APPROVED

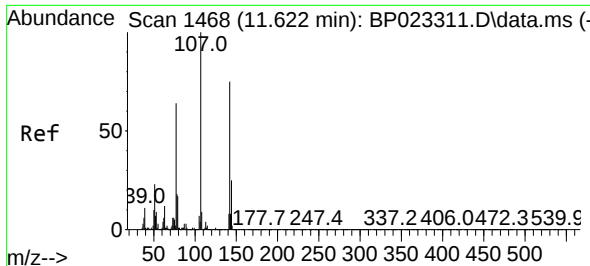
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Caprolactam
Concen: 4.135 ng/ul m
RT: 11.298 min Scan# 1413
Delta R.T. 0.018 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion:113 Resp: 6413
Ion Ratio Lower Upper
113 100
55 143.3 123.0 184.6
56 119.0 99.8 149.8





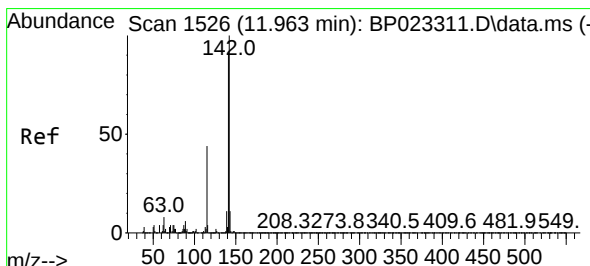
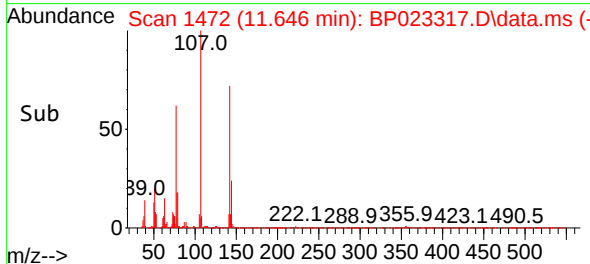
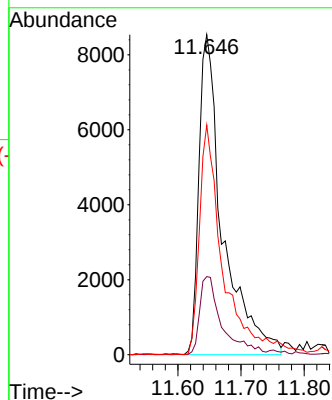
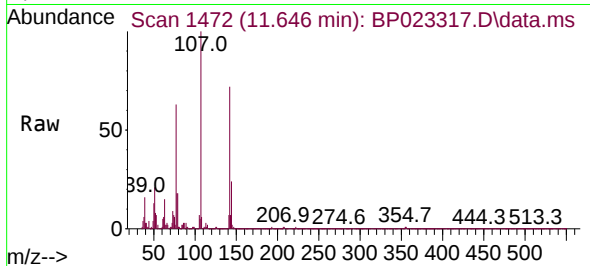
#35
4-Chloro-3-methylphenol
Concen: 3.998 ng/ul m
RT: 11.646 min Scan# 1468
Delta R.T. 0.012 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	18.8	28.2
142	71.7	59.8	89.8

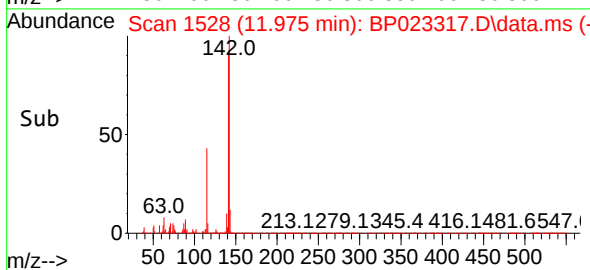
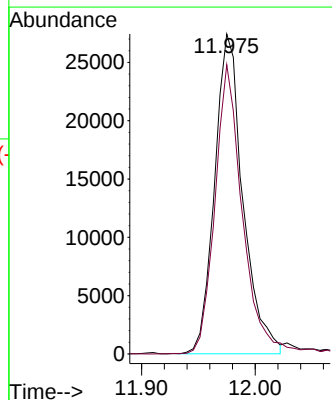
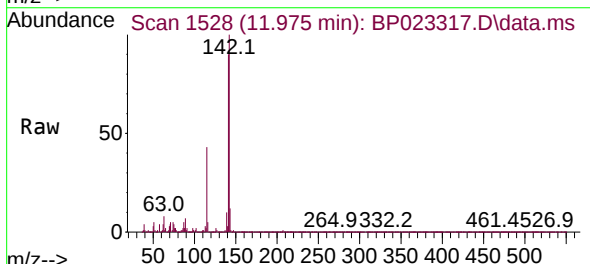
Manual Integrations
APPROVED

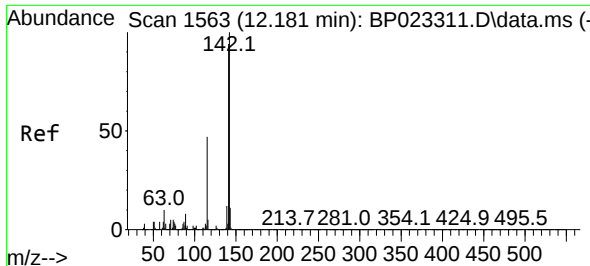
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#36
2-Methylnaphthalene
Concen: 4.281 ng/ul
RT: 11.975 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.1	109.7





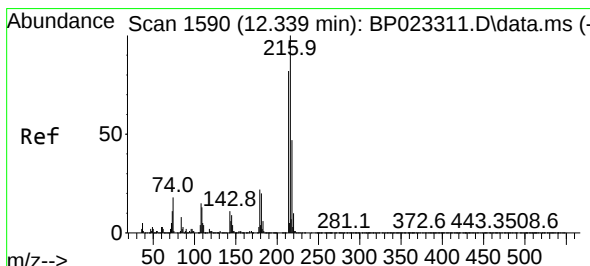
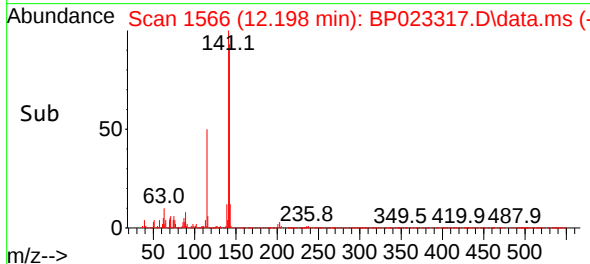
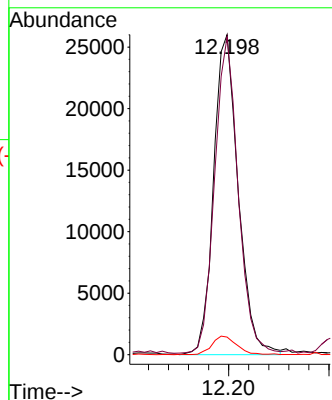
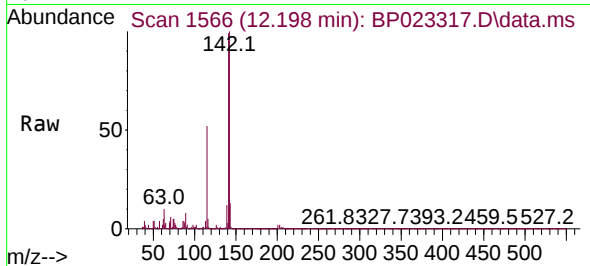
#37
1-Methylnaphthalene
Concen: 3.898 ng/ul
RT: 12.198 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:142 Resp: 4426
Ion Ratio Lower Upper
142 100
141 99.3 73.8 110.8
116 5.5 4.2 6.4

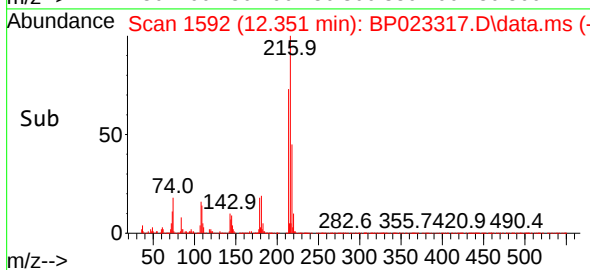
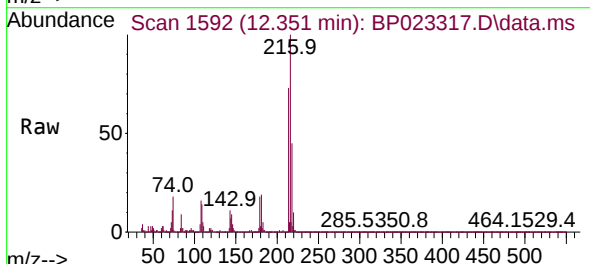
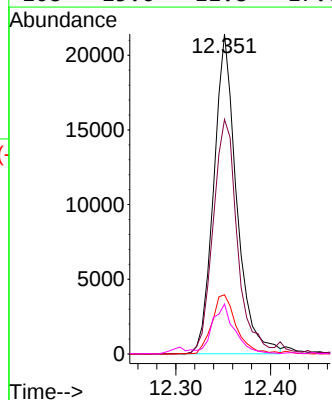
Manual Integrations
APPROVED

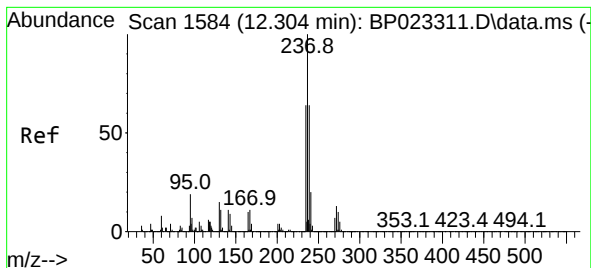
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.520 ng/ul
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion:216 Resp: 35892
Ion Ratio Lower Upper
216 100
214 73.3 59.4 89.2
179 18.5 17.3 25.9
108 15.6 11.8 17.6





#40

Hexachlorocyclopentadiene

Concen: 4.389 ng/ul

RT: 12.310 min Scan# 1584

Delta R.T. -0.012 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

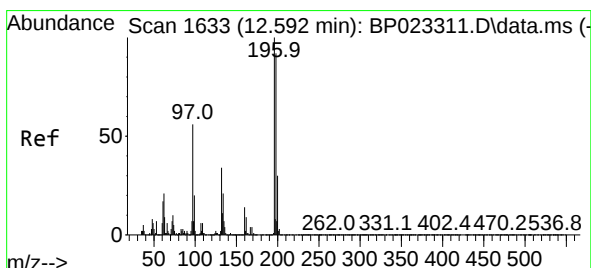
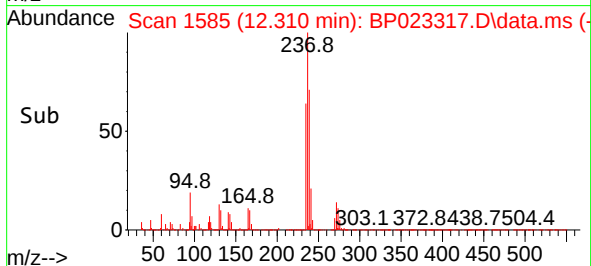
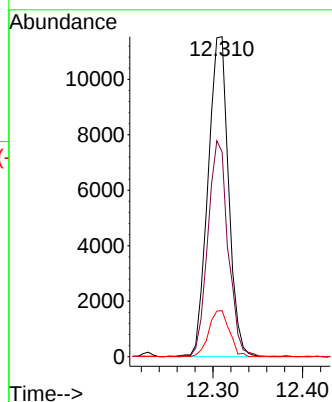
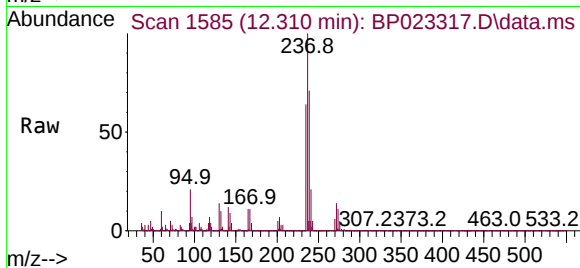
Tgt Ion:	237	Resp:	18304
Ion Ratio	Lower	Upper	
237	100		
235	60.7	48.6	73.0
272	13.7	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#41

2,4,6-Trichlorophenol

Concen: 4.111 ng/ul m

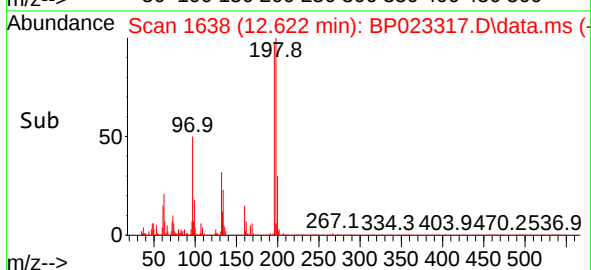
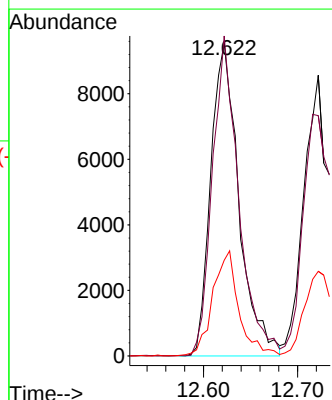
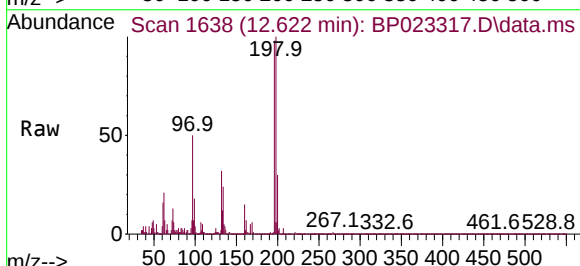
RT: 12.622 min Scan# 1638

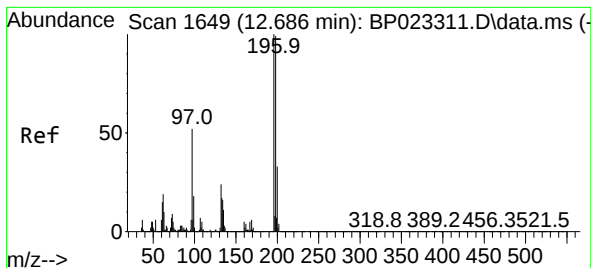
Delta R.T. 0.012 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

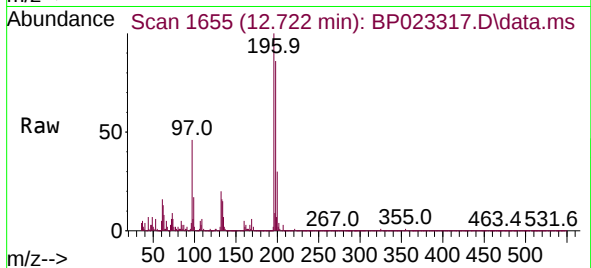
Tgt Ion:	196	Resp:	19879
Ion Ratio	Lower	Upper	
196	100		
198	102.2	80.5	120.7
200	30.6	25.2	37.8





#42
2,4,5-Trichlorophenol
Concen: 3.761 ng/ul
RT: 12.722 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

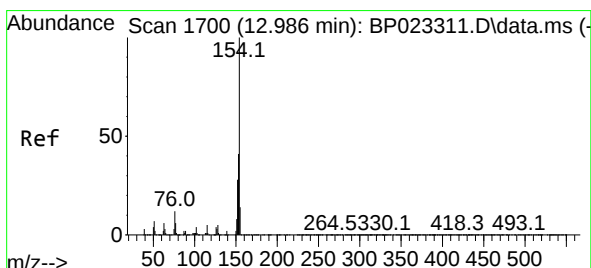
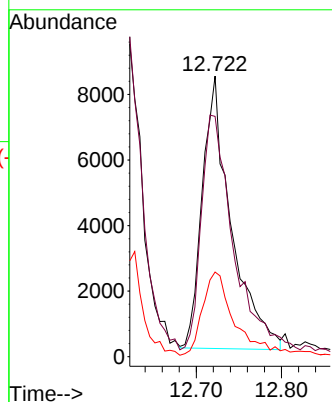
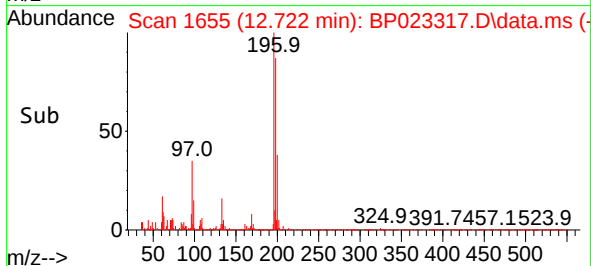
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:196 Resp: 19600
Ion Ratio Lower Upper
196 100
198 85.6 79.6 119.4
200 30.2 25.0 37.6

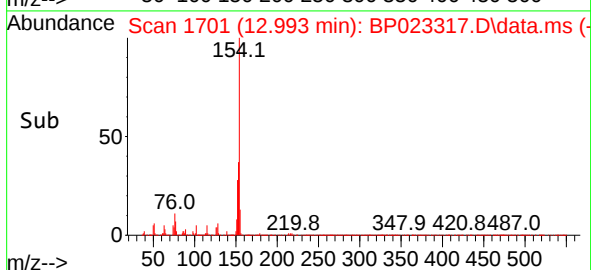
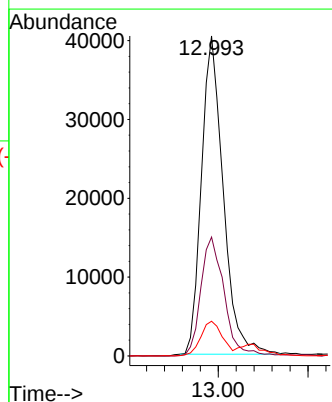
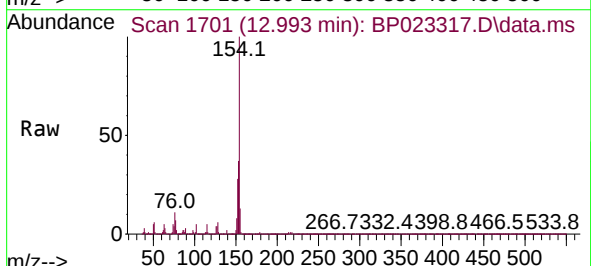
Manual Integrations
APPROVED

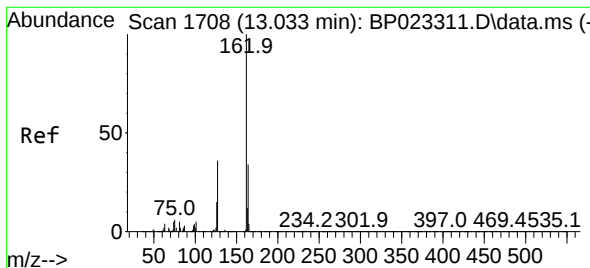
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#43
1,1'-Biphenyl
Concen: 4.512 ng/ul
RT: 12.993 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

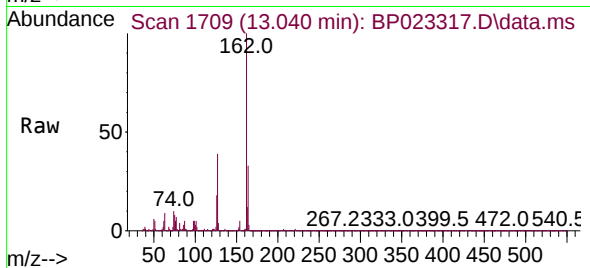
Tgt Ion:154 Resp: 68007
Ion Ratio Lower Upper
154 100
153 37.1 32.0 48.0
76 10.8 8.4 12.6





#44
2-Chloronaphthalene
Concen: 4.527 ng/ul
RT: 13.040 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

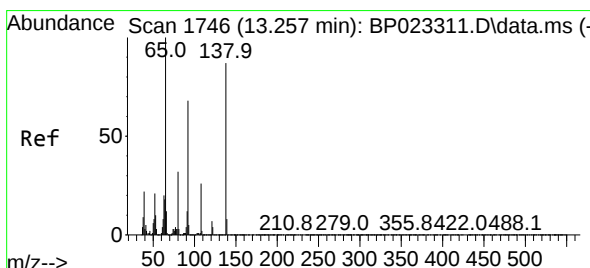
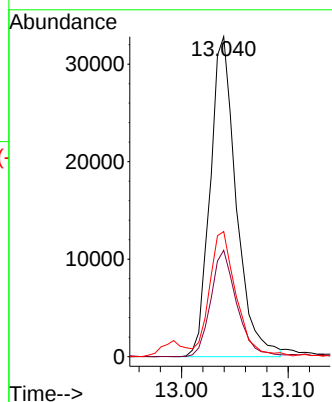
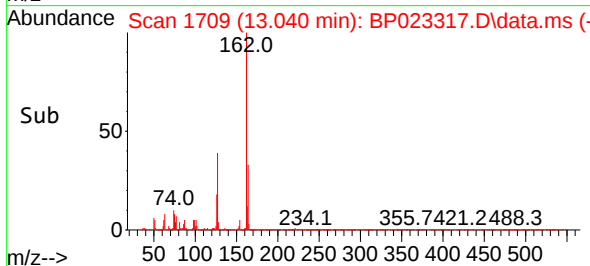
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



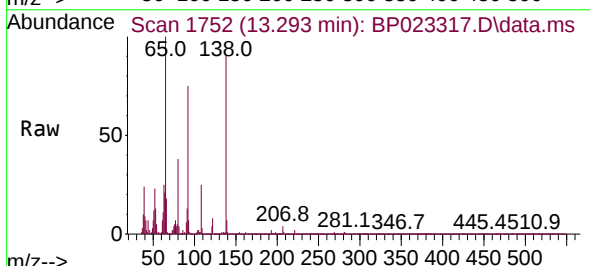
Tgt Ion:162 Resp: 5577
Ion Ratio Lower Upper
162 100
164 33.3 26.6 40.0
127 39.1 30.2 45.2

Manual Integrations
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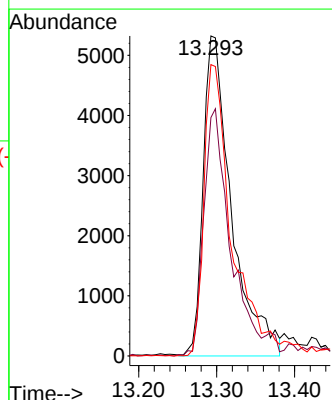
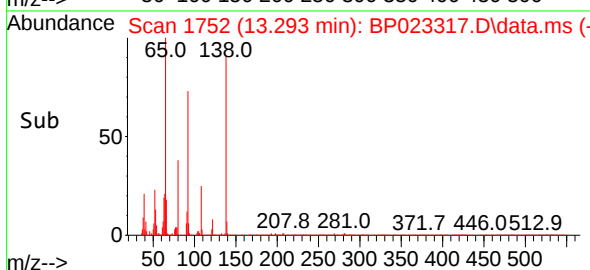
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

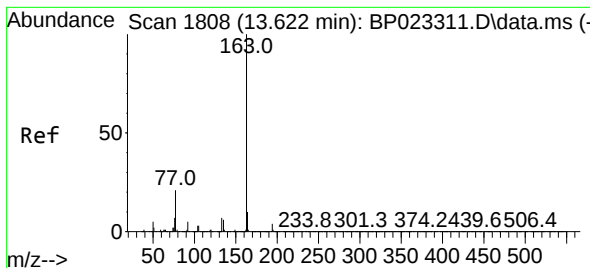


#45
2-Nitroaniline
Concen: 3.906 ng/ul m
RT: 13.293 min Scan# 1752
Delta R.T. 0.024 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40



Tgt Ion: 65 Resp: 13513
Ion Ratio Lower Upper
65 100
92 74.5 54.2 81.2
138 91.0 65.1 97.7





#47

Dimethylphthalate

Concen: 4.541 ng/ul

RT: 13.634 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

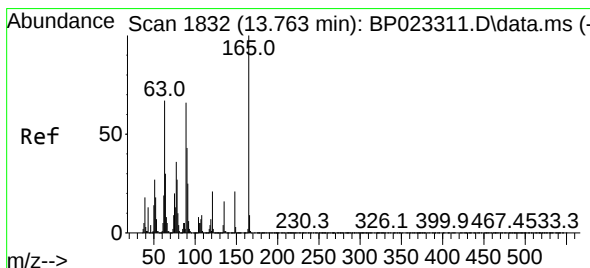
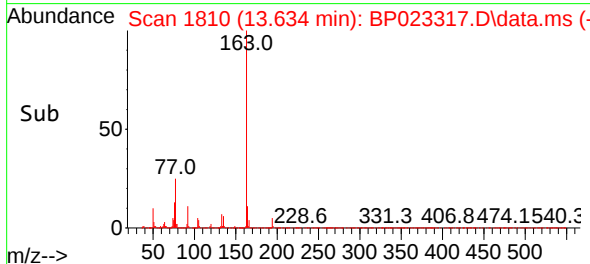
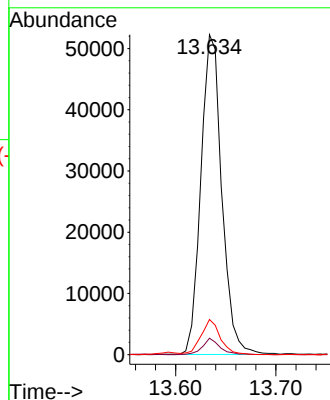
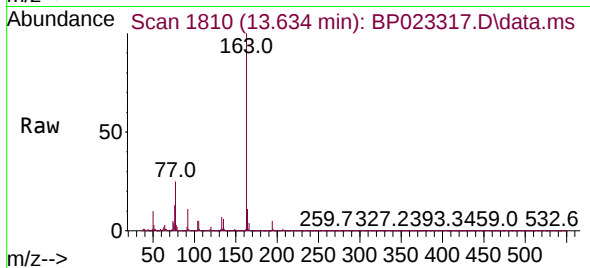
Tgt Ion:163	Resp:	75918
Ion Ratio	Lower	Upper
163	100	
194	5.2	3.8 5.6
164	11.0	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2,6-Dinitrotoluene

Concen: 3.837 ng/ul

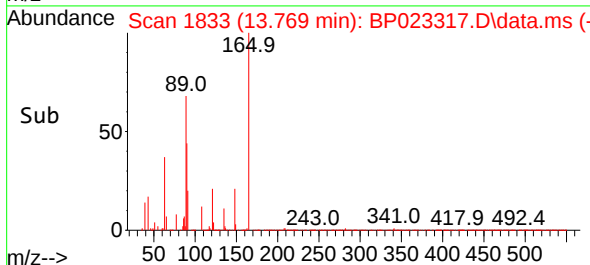
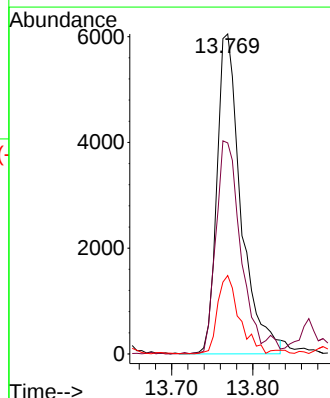
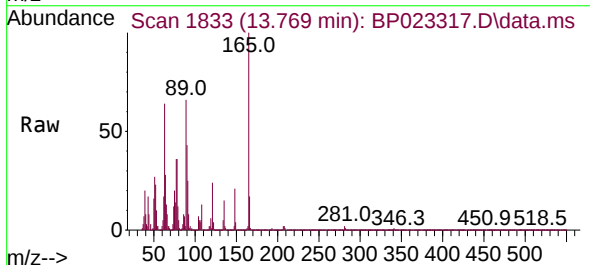
RT: 13.769 min Scan# 1833

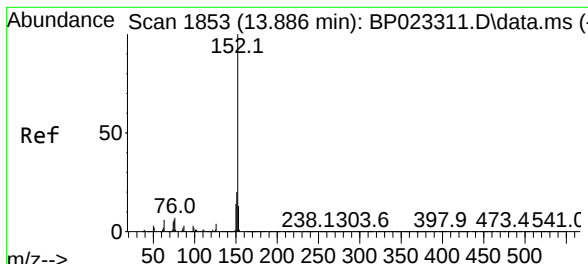
Delta R.T. -0.012 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Tgt Ion:165	Resp:	12479
Ion Ratio	Lower	Upper
165	100	
89	66.0	50.6 75.8
121	24.5	15.8 23.8





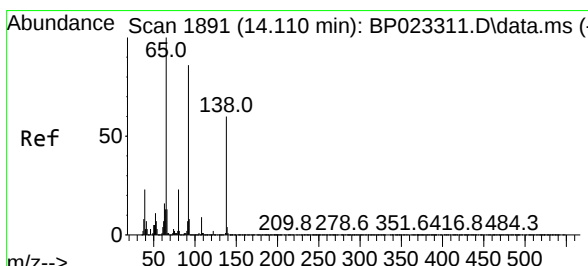
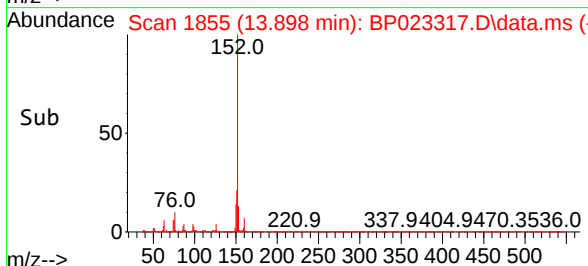
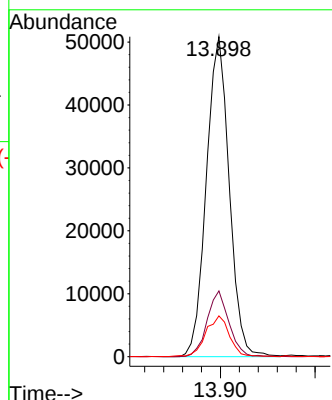
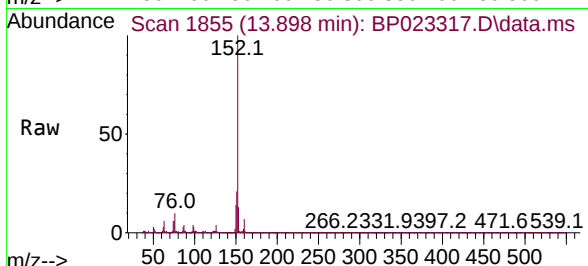
#50
Acenaphthylene
Concen: 4.783 ng/ul
RT: 13.898 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	12.7	10.2	15.2

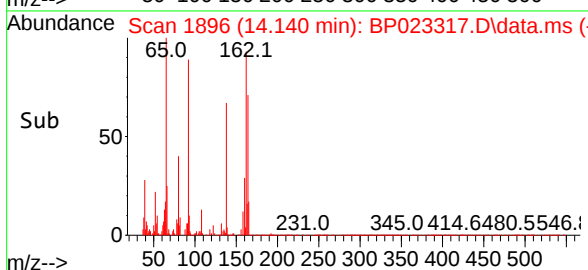
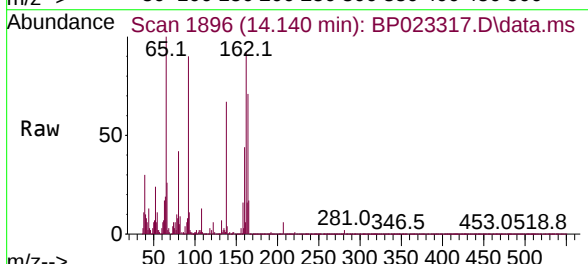
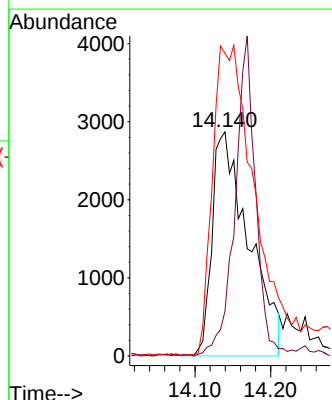
Manual Integrations
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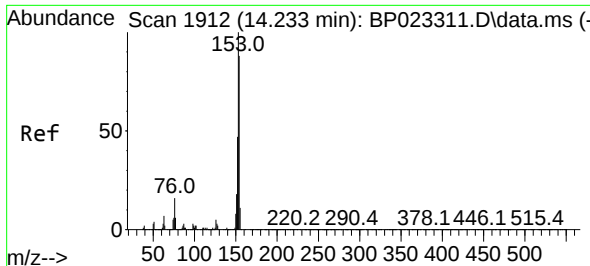
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#51
3-Nitroaniline
Concen: 3.428 ng/ul m
RT: 14.140 min Scan# 1896
Delta R.T. 0.012 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion	Ratio	Lower	Upper
138	100		
108	20.0	12.7	19.1#
92	135.0	107.8	161.8





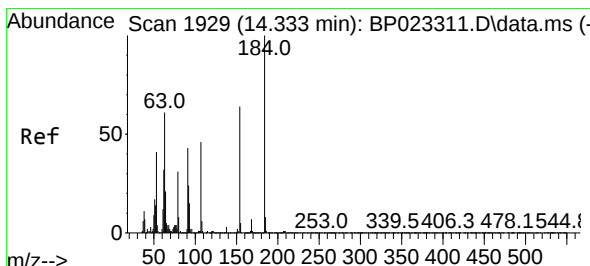
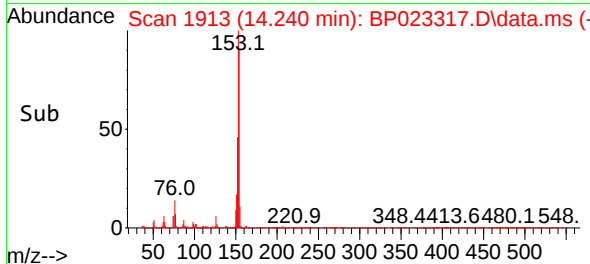
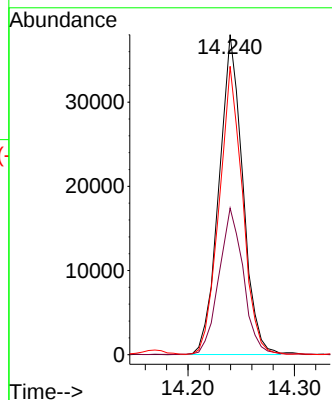
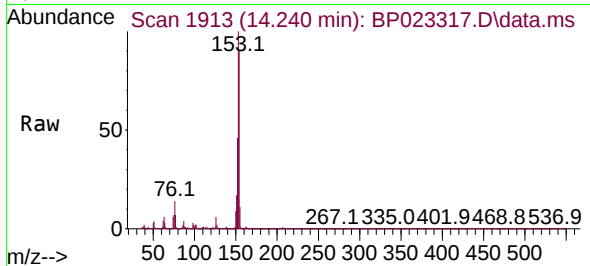
#52
Acenaphthene
Concen: 4.531 ng/ul
RT: 14.240 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.8	39.6	59.4
154	90.1	70.9	106.3

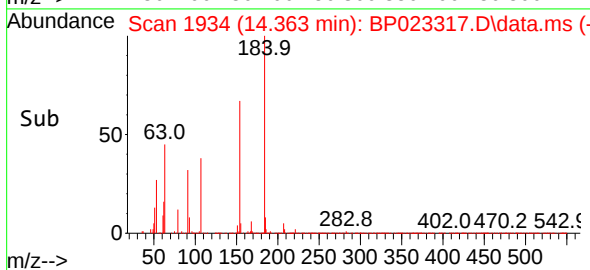
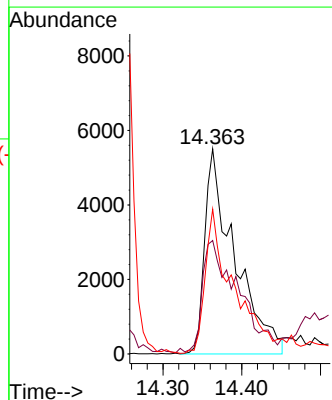
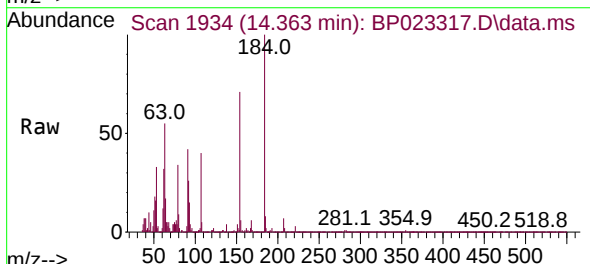
Manual Integrations
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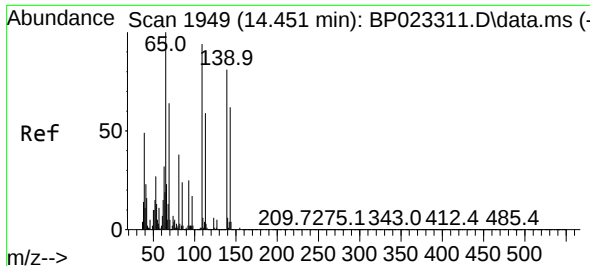
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#53
2,4-Dinitrophenol
Concen: 6.279 ng/ul m
RT: 14.363 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.3	50.1	75.1
154	70.6	58.2	87.4





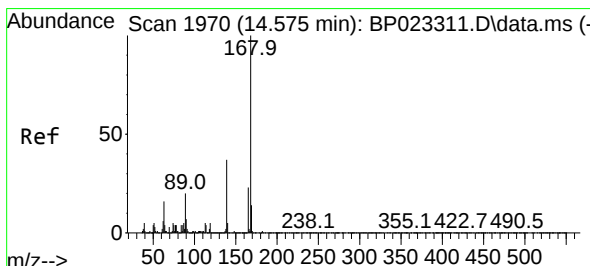
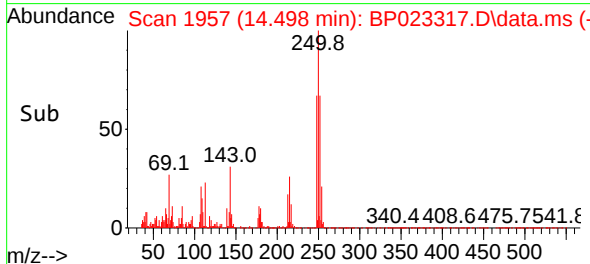
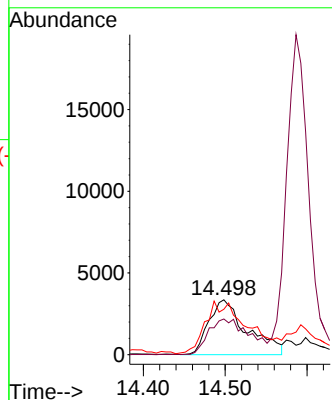
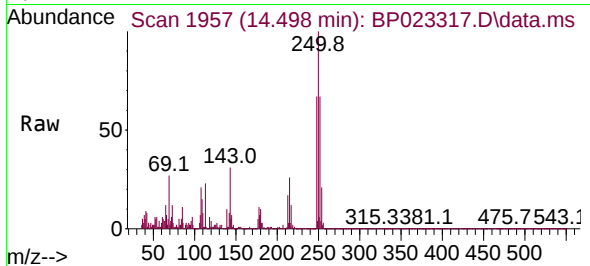
#55
4-Nitrophenol
Concen: 3.665 ng/ul m
RT: 14.498 min Scan# 1957
Delta R.T. 0.024 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:109 Resp: 1092
Ion Ratio Lower Upper
109 100
139 65.1 64.6 96.8
65 82.7 80.6 120.8

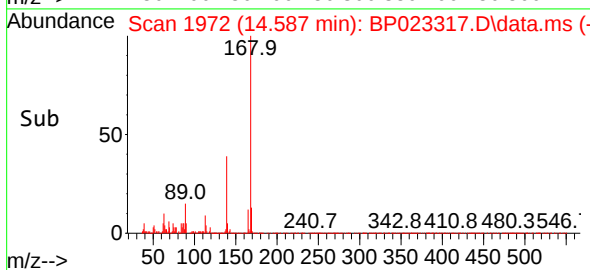
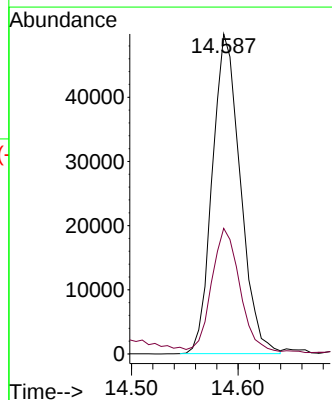
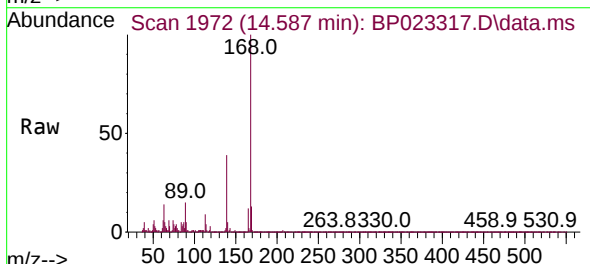
Manual Integrations
APPROVED

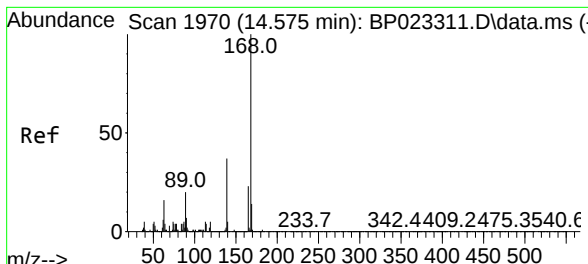
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
Dibenzofuran
Concen: 4.533 ng/ul
RT: 14.587 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion:168 Resp: 90912
Ion Ratio Lower Upper
168 100
139 39.3 29.7 44.5





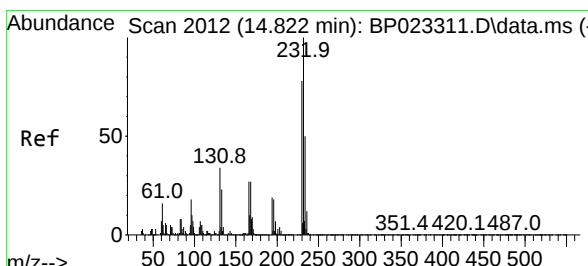
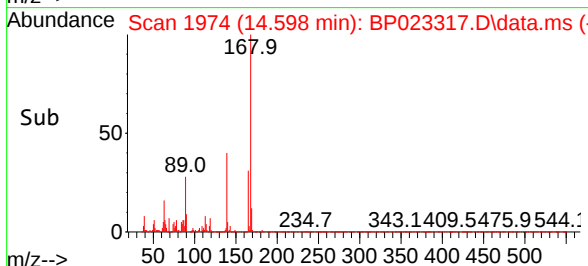
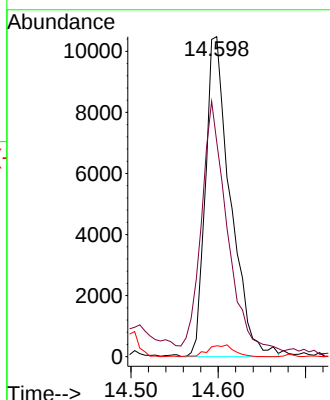
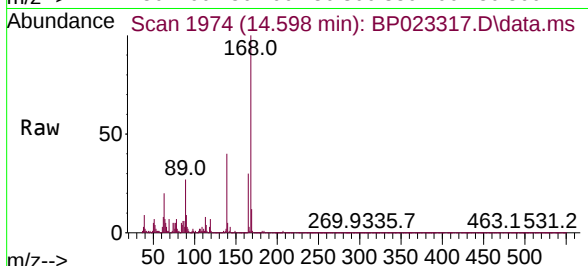
#57
2,4-Dinitrotoluene
Concen: 4.019 ng/ul m
RT: 14.598 min Scan# 1970
Delta R.T. 0.012 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:165 Resp: 2083
Ion Ratio Lower Upper
165 100
63 67.1 41.3 61.9
182 3.4 2.5 3.7

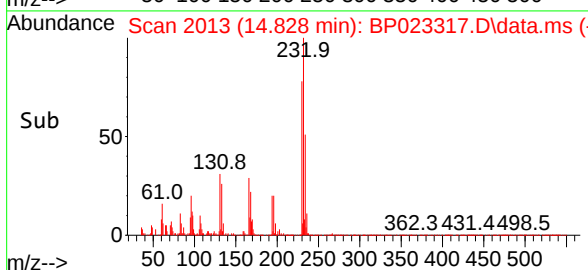
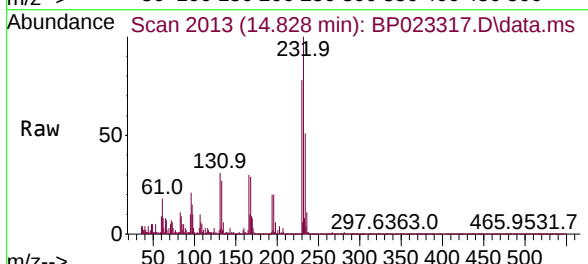
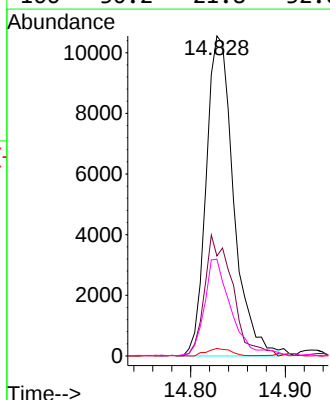
Manual Integrations
APPROVED

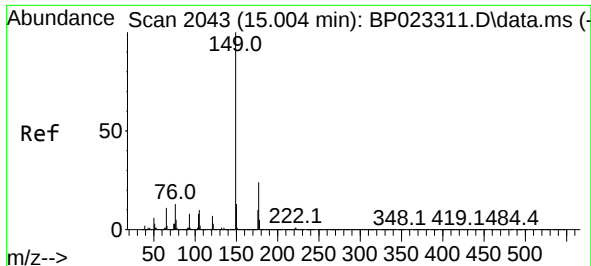
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.177 ng/ul
RT: 14.828 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion:232 Resp: 21282
Ion Ratio Lower Upper
232 100
131 31.3 27.0 40.6
130 2.4 1.9 2.9
166 30.2 21.8 32.6





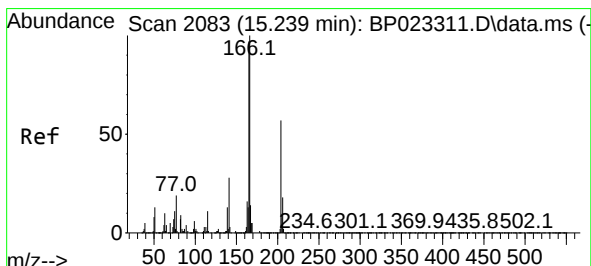
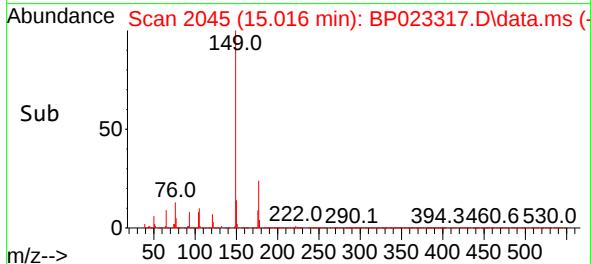
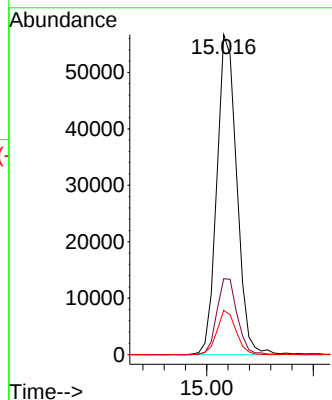
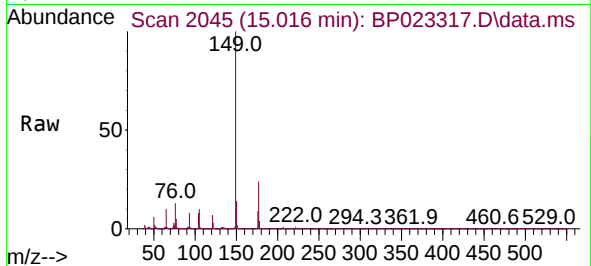
#59
Diethylphthalate
Concen: 4.440 ng/ul
RT: 15.016 min Scan# 2045
Delta R.T. -0.012 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.7	29.5
150	13.9	9.8	14.6

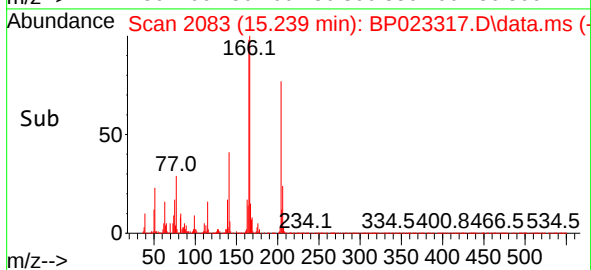
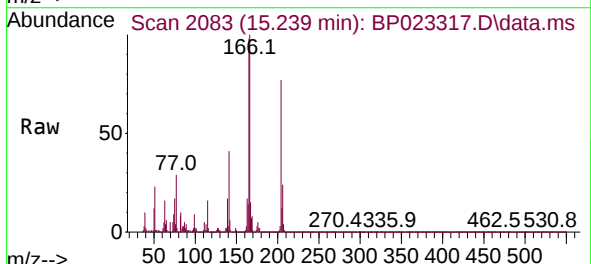
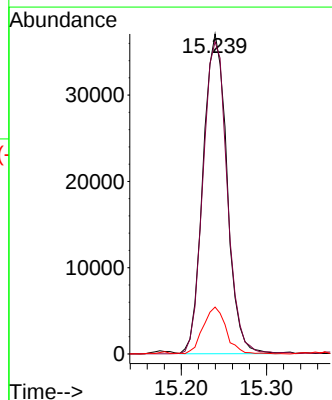
Manual Integrations
APPROVED

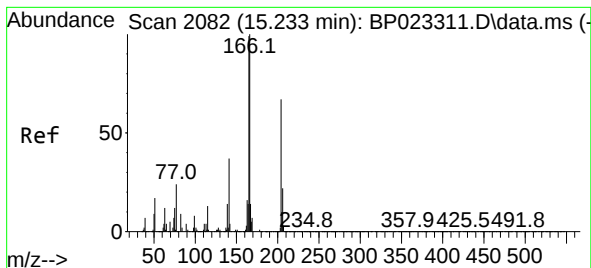
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#61
Fluorene
Concen: 4.402 ng/ul
RT: 15.239 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.5	119.3
167	14.6	10.3	15.5





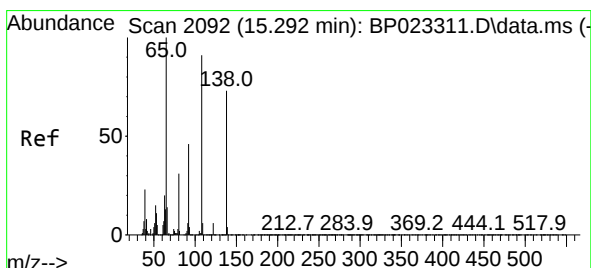
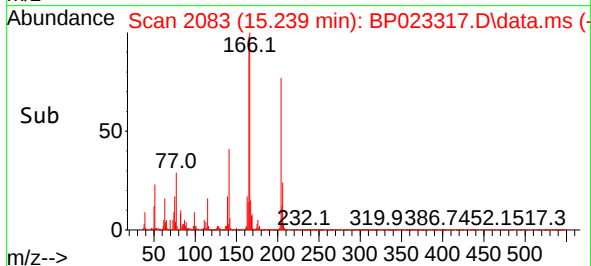
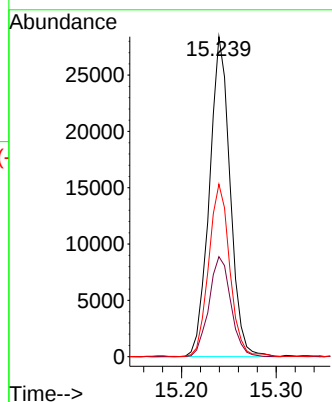
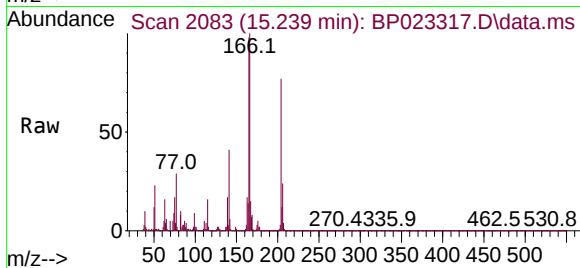
#62
4-Chlorophenyl-phenylether
Concen: 4.462 ng/ul
RT: 15.239 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion:204 Resp: 43124
Ion Ratio Lower Upper
204 100
206 31.3 27.2 40.8
141 53.9 44.6 66.8

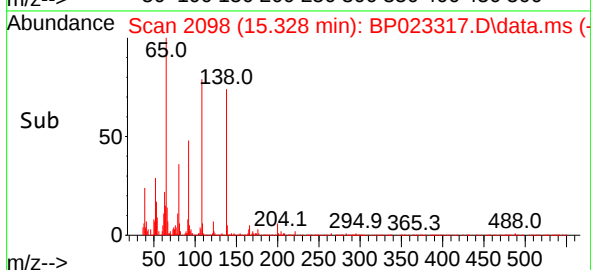
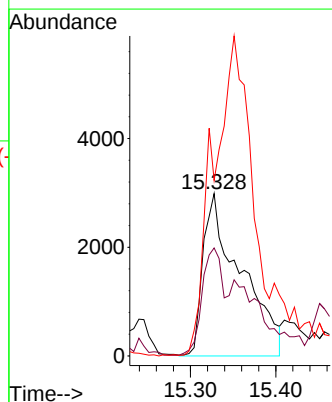
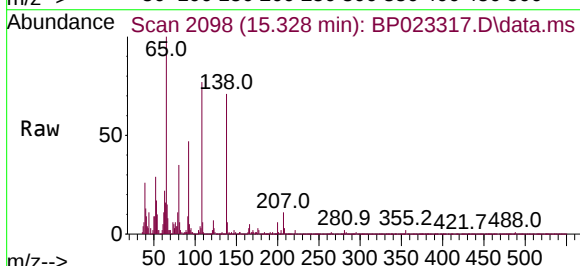
Manual Integrations
APPROVED

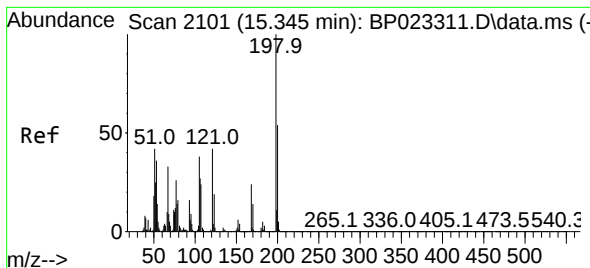
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#63
4-Nitroaniline
Concen: 3.529 ng/ul m
RT: 15.328 min Scan# 2098
Delta R.T. 0.024 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion:138 Resp: 9199
Ion Ratio Lower Upper
138 100
92 66.5 53.9 80.9
108 108.1 106.6 159.8





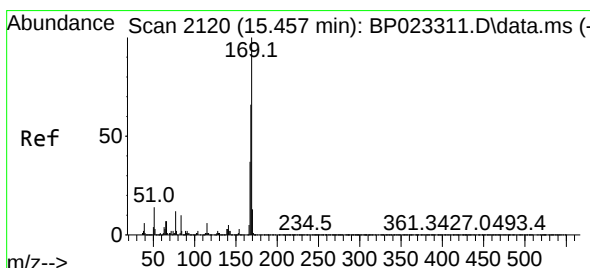
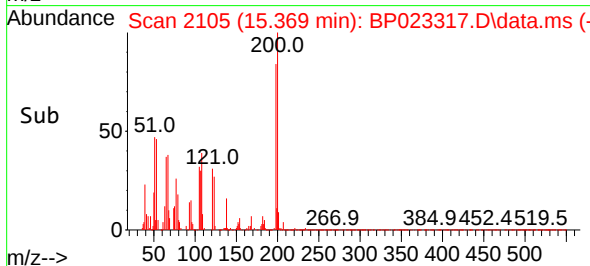
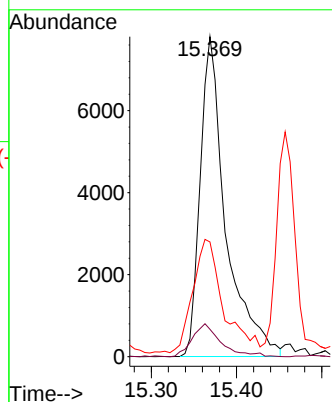
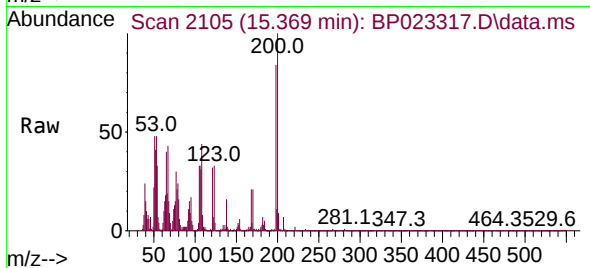
#66
4,6-Dinitro-2-methylphenol
Concen: 4.258 ng/ul
RT: 15.369 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:198 Resp: 16318
Ion Ratio Lower Upper
198 100
182 8.6 3.8 5.8
77 35.8 20.0 30.0

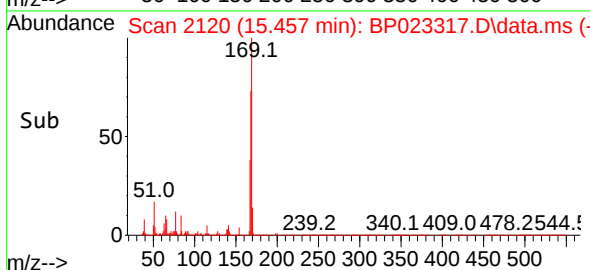
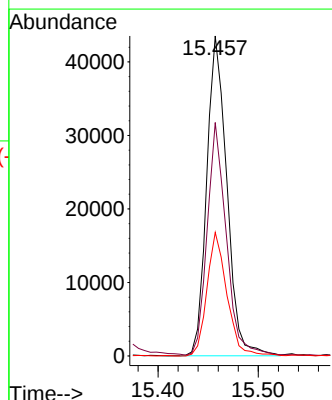
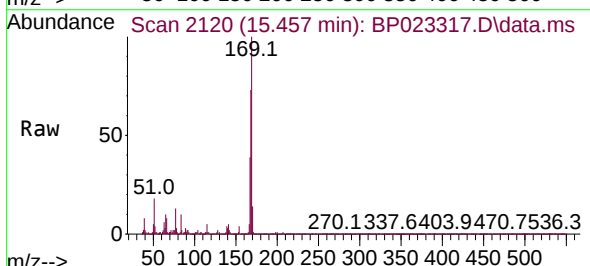
Manual Integrations
APPROVED

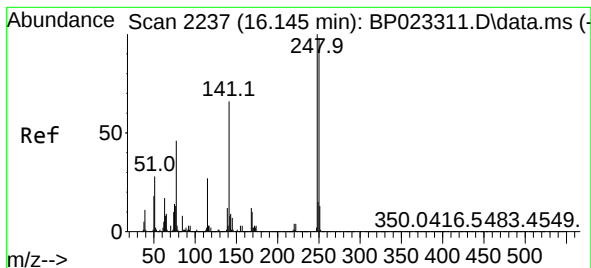
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#67
N-Nitrosodiphenylamine
Concen: 4.410 ng/ul
RT: 15.457 min Scan# 2120
Delta R.T. -0.018 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion:169 Resp: 61031
Ion Ratio Lower Upper
169 100
168 72.9 53.4 80.0
167 38.6 29.4 44.2





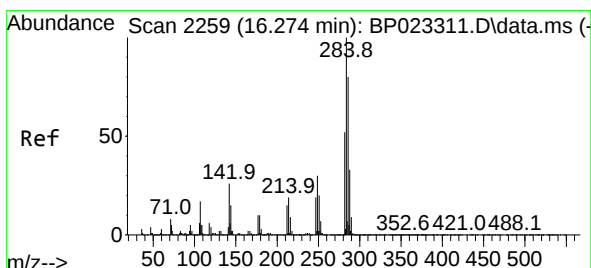
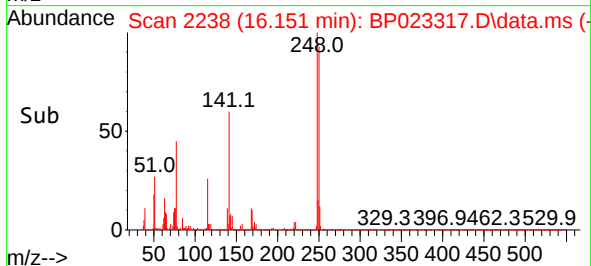
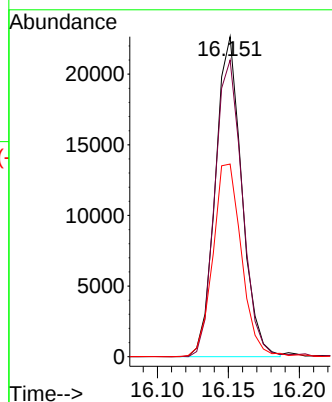
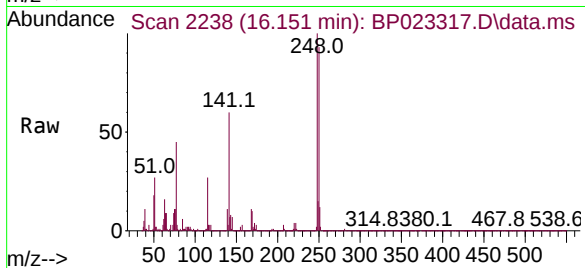
#68
4-Bromophenyl-phenylether
Concen: 4.315 ng/ul
RT: 16.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion:248 Resp: 29264
Ion Ratio Lower Upper
248 100
250 92.7 77.1 115.7
141 60.2 50.7 76.1

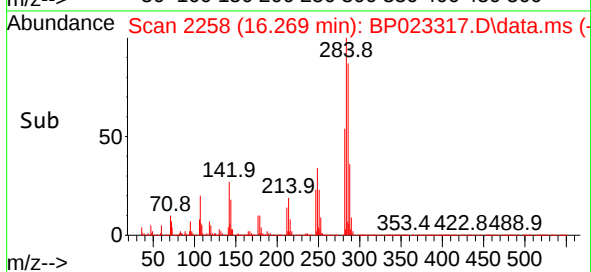
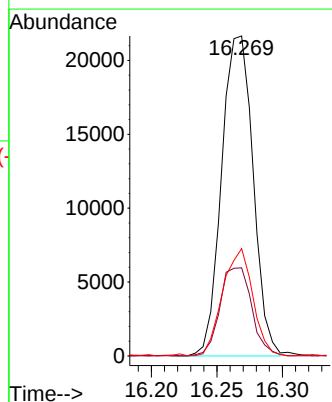
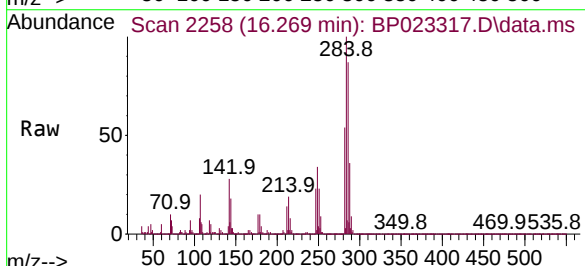
Manual Integrations
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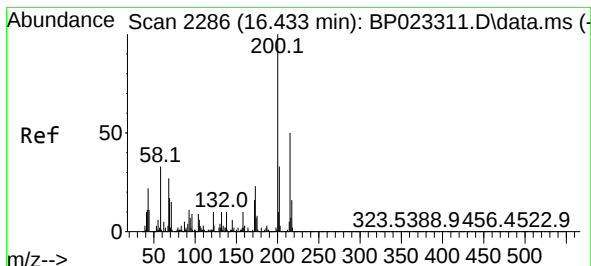
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#69
Hexachlorobenzene
Concen: 4.237 ng/ul
RT: 16.269 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion:284 Resp: 36169
Ion Ratio Lower Upper
284 100
142 27.5 21.5 32.3
249 33.6 25.6 38.4





#70

Atrazine

Concen: 4.229 ng/ul

RT: 16.445 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

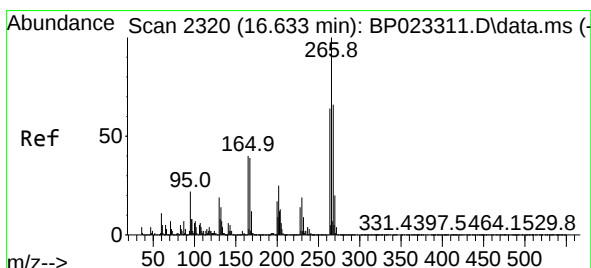
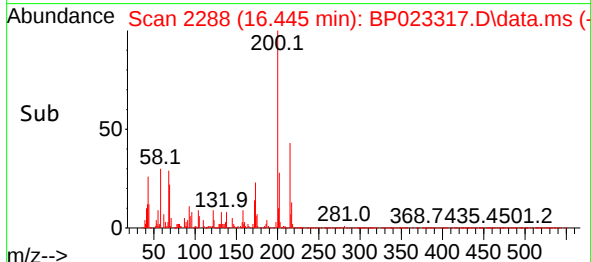
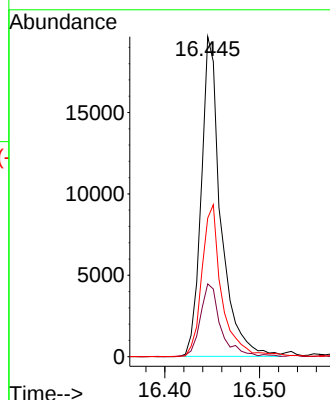
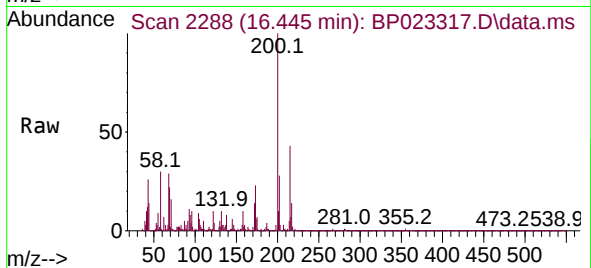
Tgt Ion:200 Resp: 28280
Ion Ratio Lower Upper
200 100
173 22.7 18.6 27.8
215 43.3 38.3 57.5

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#71

Pentachlorophenol

Concen: 6.285 ng/ul m

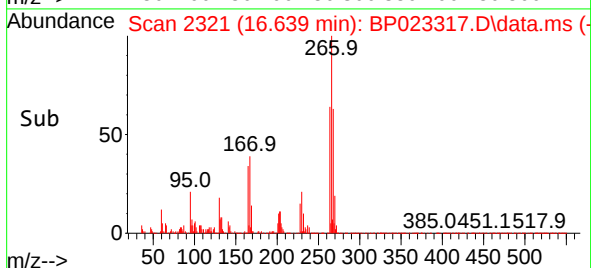
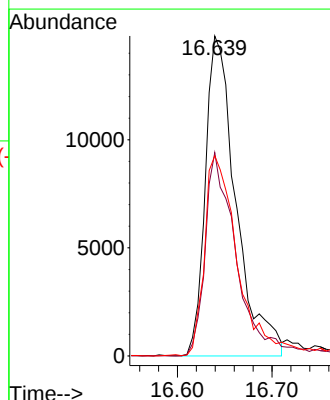
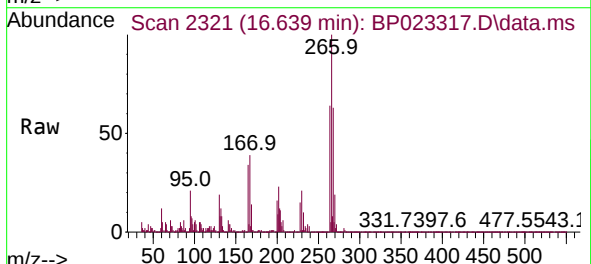
RT: 16.639 min Scan# 2321

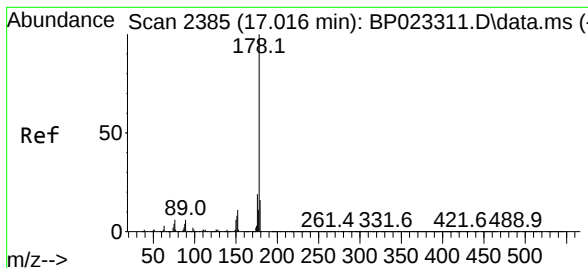
Delta R.T. -0.023 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Tgt Ion:266 Resp: 33311
Ion Ratio Lower Upper
266 100
264 63.5 50.7 76.1
268 62.6 51.9 77.9





#72

Phenanthrene

Concen: 4.491 ng/ul

RT: 17.016 min Scan# 21

Delta R.T. -0.029 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

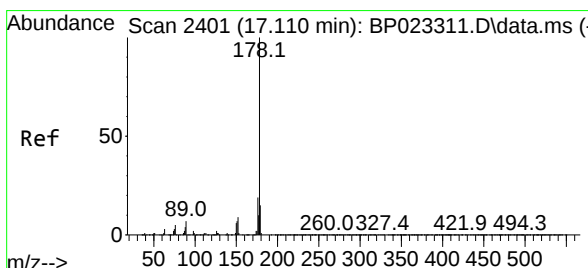
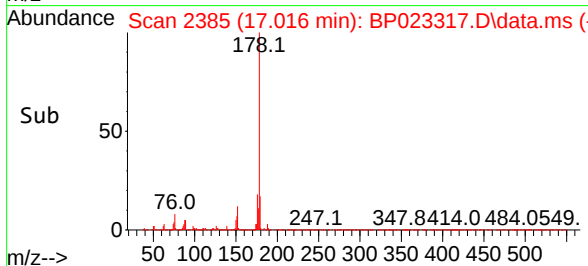
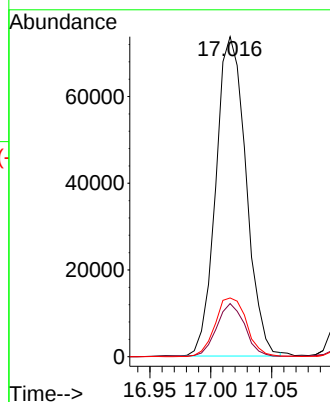
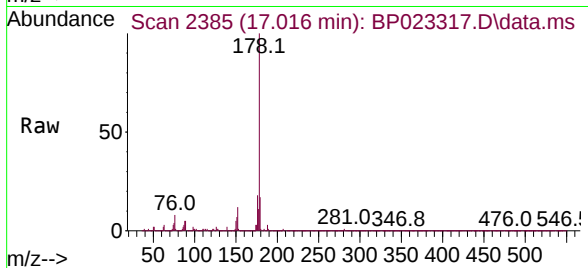
Tgt Ion:	178	Resp:	126999
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.7	19.1
176	18.4	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#74

Anthracene

Concen: 4.328 ng/ul

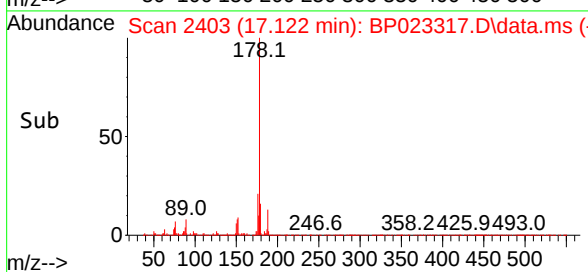
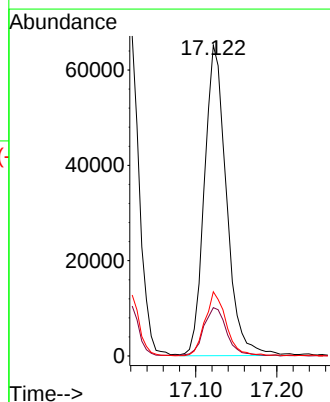
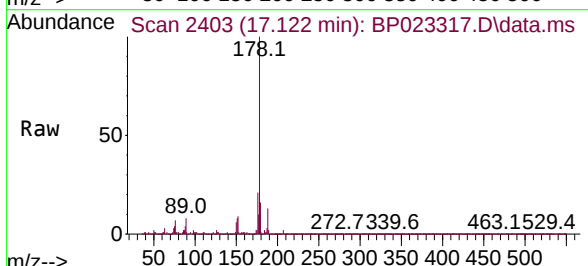
RT: 17.122 min Scan# 2403

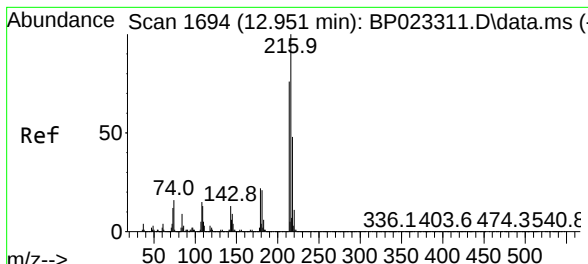
Delta R.T. -0.006 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Tgt Ion:	178	Resp:	123052
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.4	18.6
176	20.6	14.5	21.7



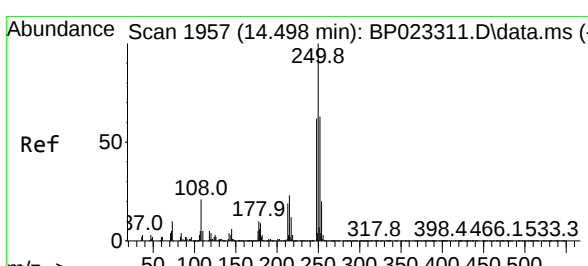
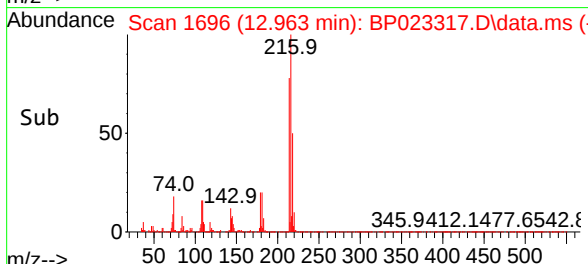
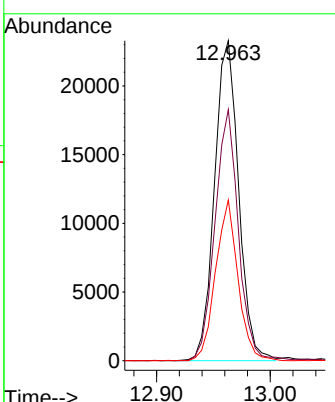
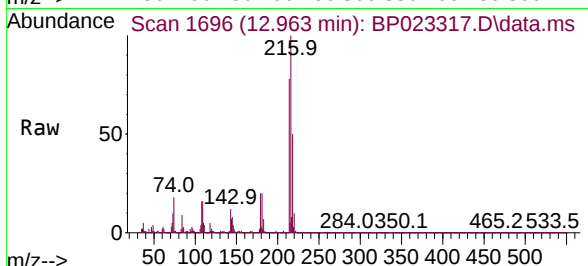


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.352 ng/uL
 RT: 12.963 min Scan# 1696
 Delta R.T. -0.006 min
 Lab File: BP023317.D
 Acq: 25 Nov 2024 15:40

Instrument : BNA_P
 ClientSampleId : MDL-MED-SOIL-QT4-2024-08

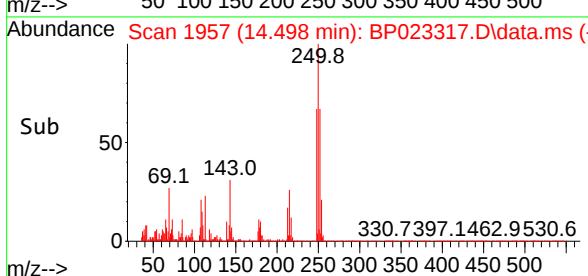
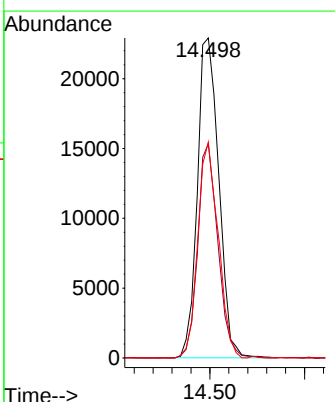
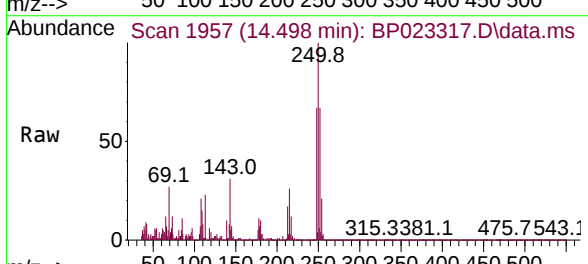
Tgt Ion:	216	Resp:	34414
Ion Ratio	Lower	Upper	
216	100		
214	78.5	60.2	90.2
218	50.2	38.1	57.1

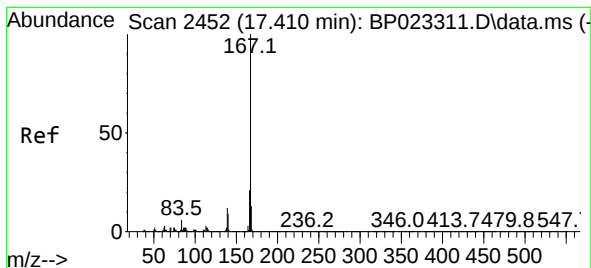
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#76
 Pentachlorobenzene
 Concen: 3.992 ng/uL
 RT: 14.498 min Scan# 1957
 Delta R.T. -0.018 min
 Lab File: BP023317.D
 Acq: 25 Nov 2024 15:40

Tgt Ion:	250	Resp:	36042
Ion Ratio	Lower	Upper	
250	100		
248	67.0	52.2	78.2
252	67.5	50.1	75.1





#77

Carbazole

Concen: 3.849 ng/ul

RT: 17.428 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Instrument :

BNP_P

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

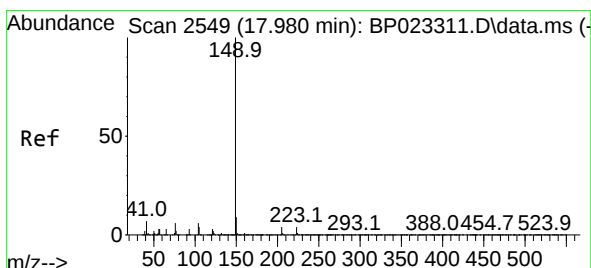
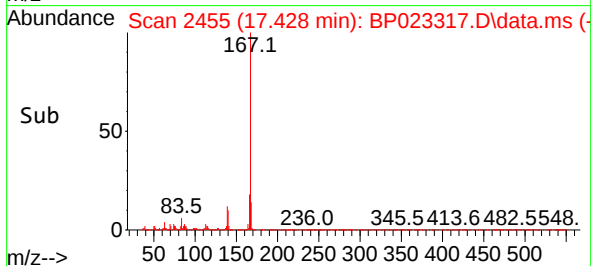
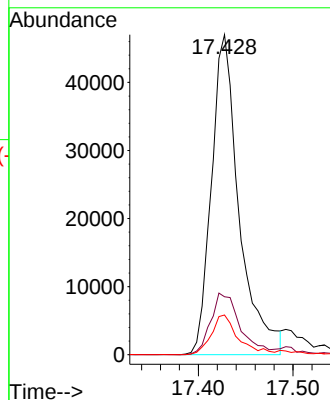
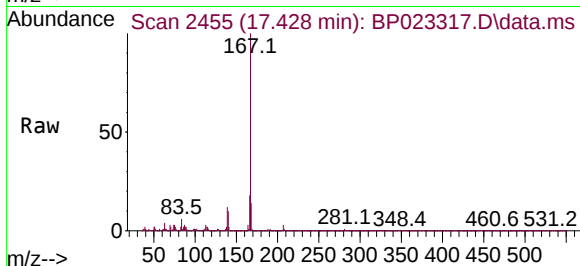
Tgt Ion:	167	Resp:	95470
Ion Ratio	Lower	Upper	
167	100		
166	18.1	17.5	26.3
139	12.4	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#78

Di-n-butylphthalate

Concen: 4.255 ng/ul

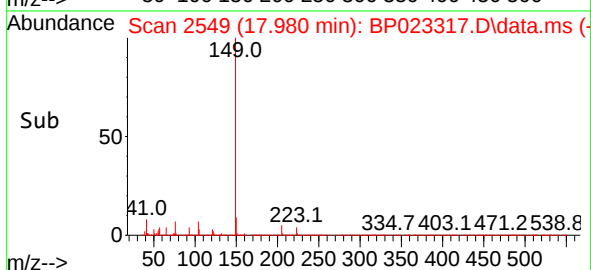
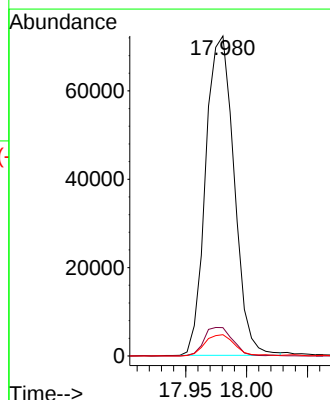
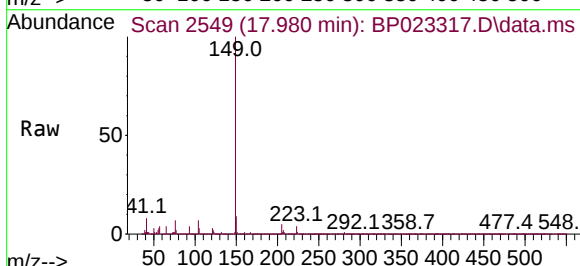
RT: 17.980 min Scan# 2549

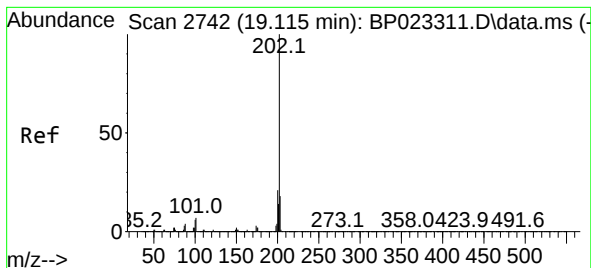
Delta R.T. -0.029 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Tgt Ion:	149	Resp:	117102
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.2	10.8
104	6.7	5.0	7.4





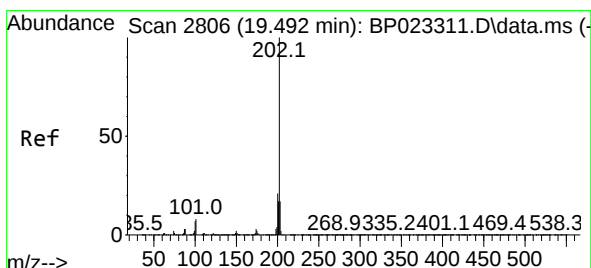
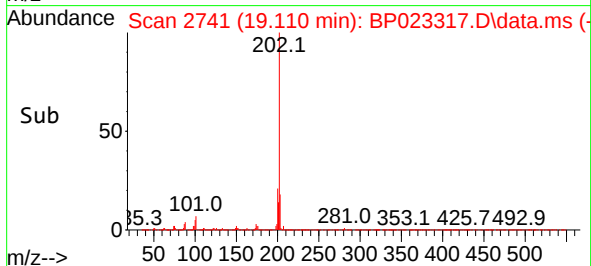
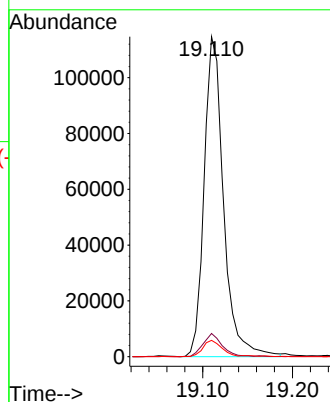
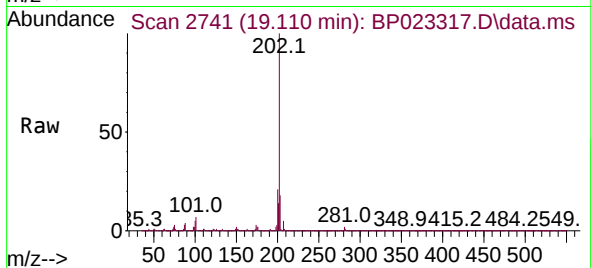
#80
Fluoranthene
Concen: 4.515 ng/uI
RT: 19.110 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	5.2	7.8
100	5.1	4.1	6.1

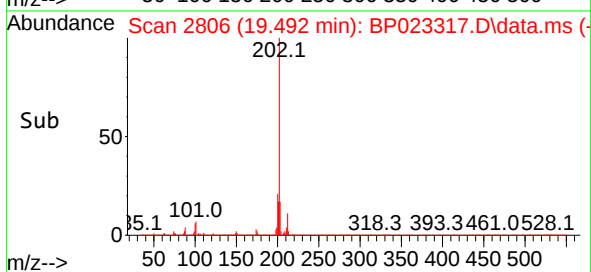
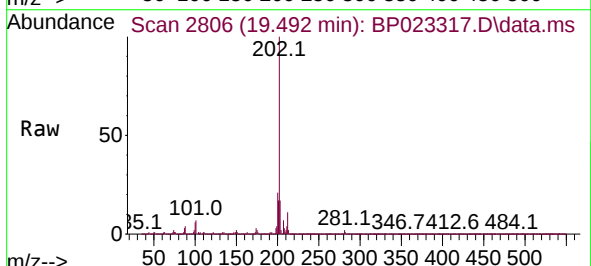
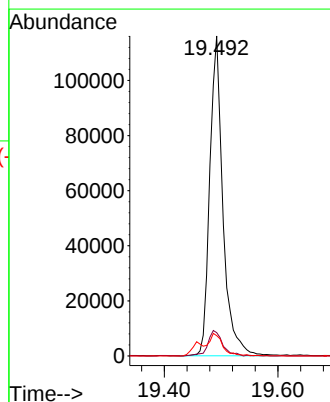
Manual Integrations
APPROVED

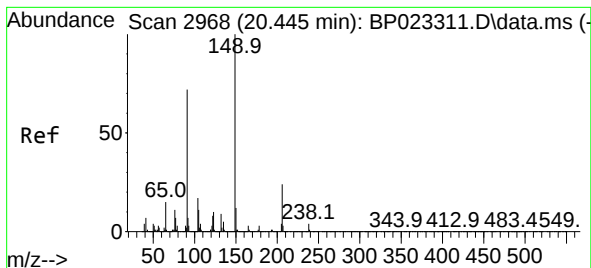
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#82
Pyrene
Concen: 4.557 ng/uI
RT: 19.492 min Scan# 2806
Delta R.T. -0.023 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.2	9.2
100	6.4	4.9	7.3





#83

Butylbenzylphthalate

Concen: 4.160 ng/ul

RT: 20.445 min Scan# 2968

Delta R.T. -0.018 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

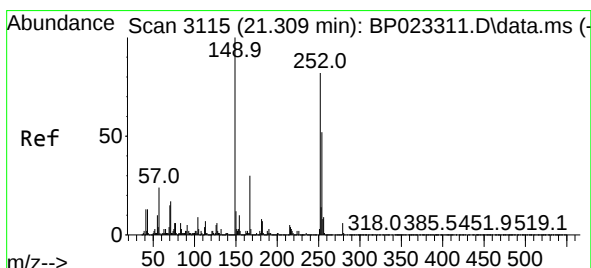
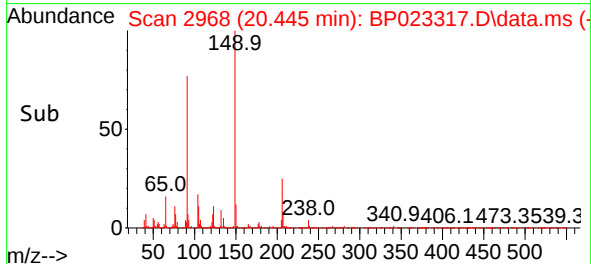
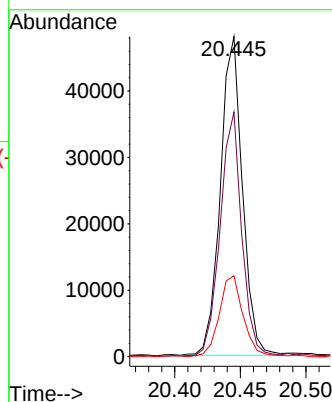
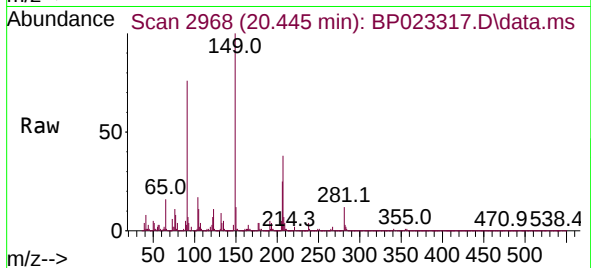
Tgt Ion:	149	Resp:	56009
Ion Ratio	Lower	Upper	
149	100		
91	76.4	55.6	83.4
206	25.3	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

3,3'-Dichlorobenzidine

Concen: 3.415 ng/ul m

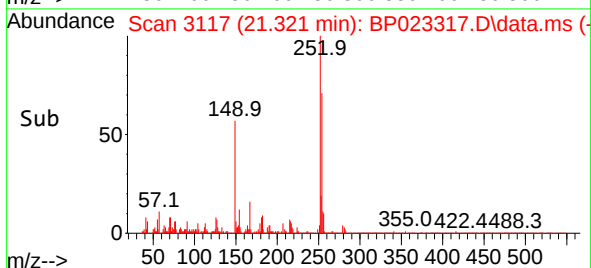
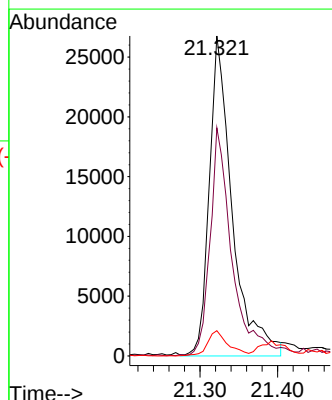
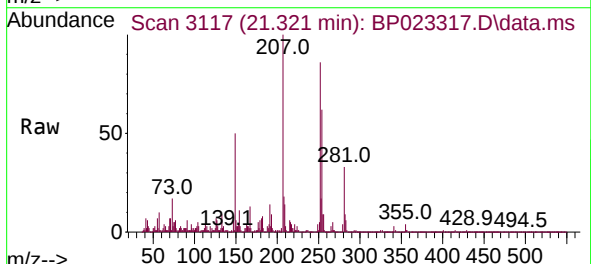
RT: 21.321 min Scan# 3117

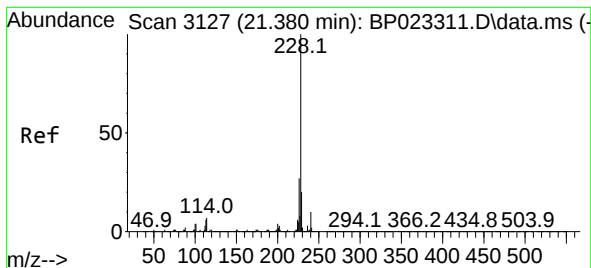
Delta R.T. -0.018 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Tgt Ion:	252	Resp:	54991
Ion Ratio	Lower	Upper	
252	100		
254	71.3	52.0	78.0
126	7.9	5.0	7.6





#85

Benzo(a)anthracene

Concen: 4.517 ng/ul

RT: 21.380 min Scan# 3127

Delta R.T. -0.023 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

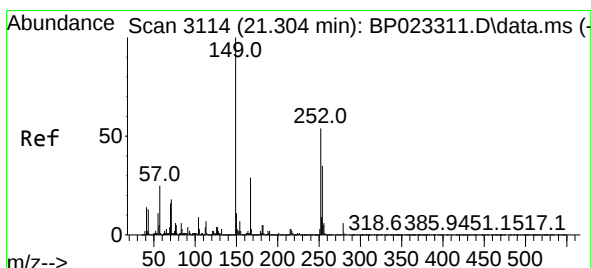
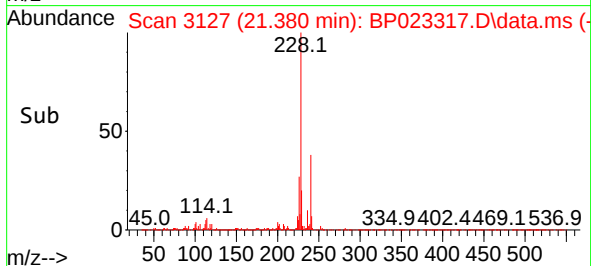
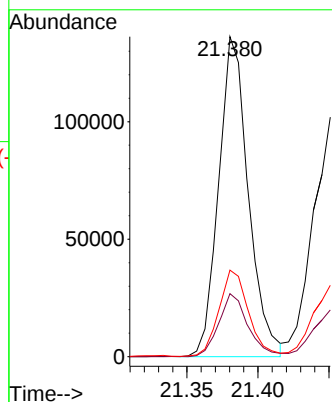
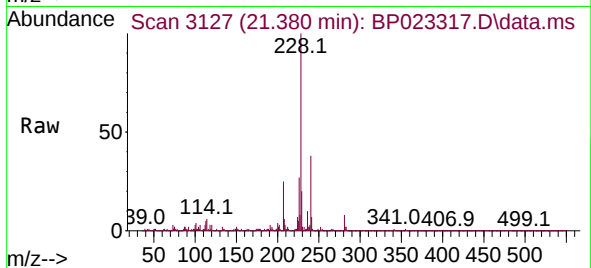
Tgt Ion:	228	Resp:	19785
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.5	23.3
226	27.1	21.9	32.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.251 ng/ul

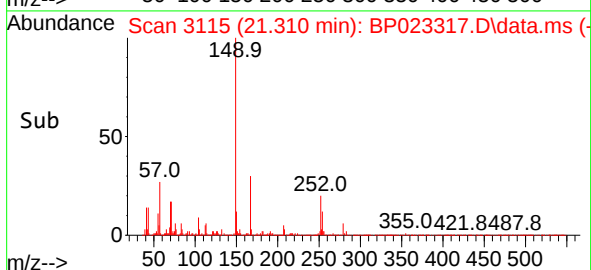
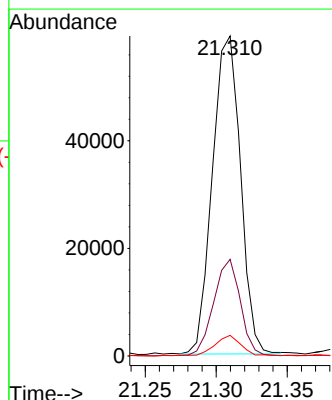
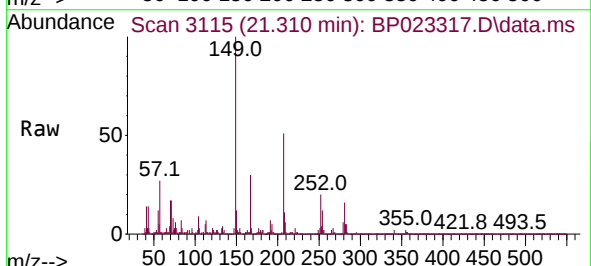
RT: 21.310 min Scan# 3115

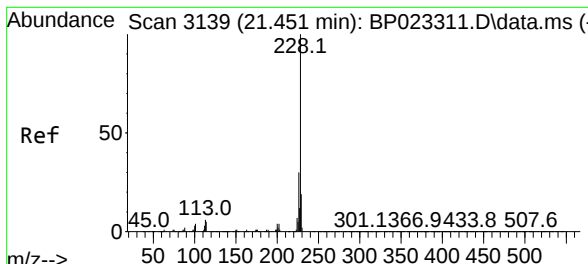
Delta R.T. -0.023 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Tgt Ion:	149	Resp:	81343
Ion Ratio	Lower	Upper	
149	100		
167	30.2	24.5	36.7
279	6.4	5.5	8.3





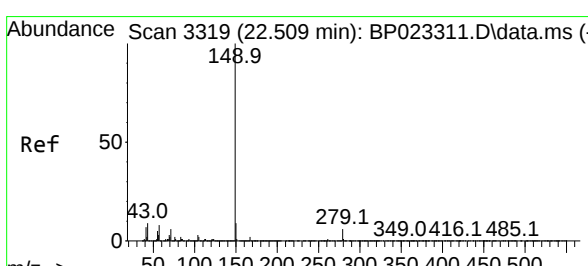
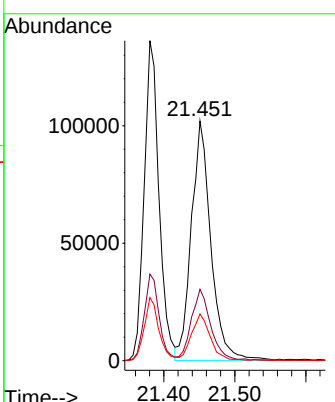
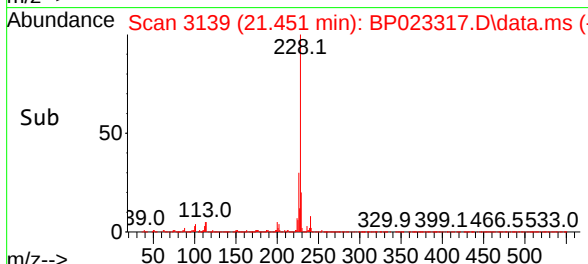
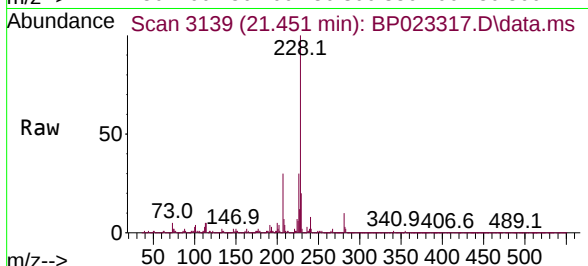
#87
 Chrysene
 Concen: 4.730 ng/ul
 RT: 21.451 min Scan# 3139
 Delta R.T. -0.018 min
 Lab File: BP023317.D
 Acq: 25 Nov 2024 15:40

Instrument : BNA_P
 ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 228 Resp: 19498

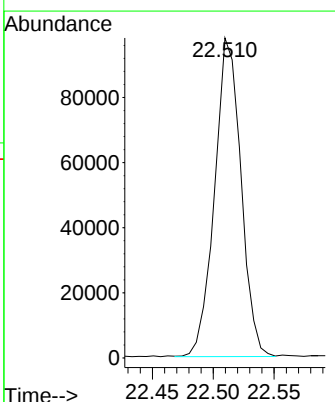
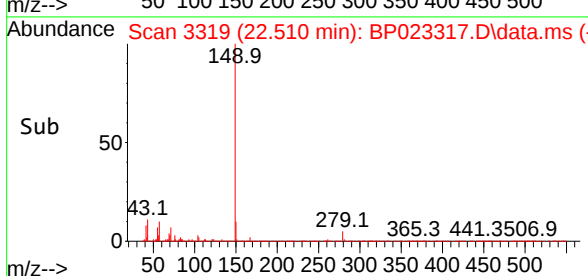
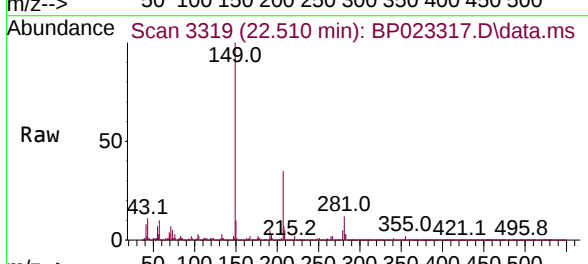
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	19.5	16.1	24.1

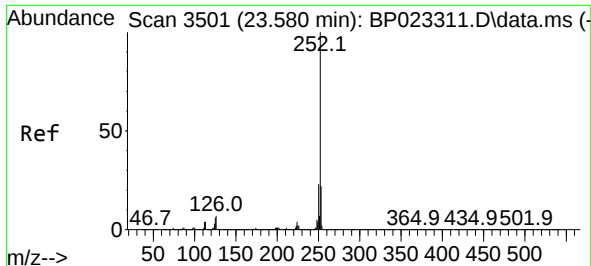
Manual Integrations
APPROVED
 Reviewed By : Yogesh Patel 11/27/2024
 Supervised By : mohammad ahmed 11/27/2024



#89
 Di-n-octyl phthalate
 Concen: 4.424 ng/ul
 RT: 22.510 min Scan# 3319
 Delta R.T. -0.041 min
 Lab File: BP023317.D
 Acq: 25 Nov 2024 15:40

Tgt Ion: 149 Resp: 147240





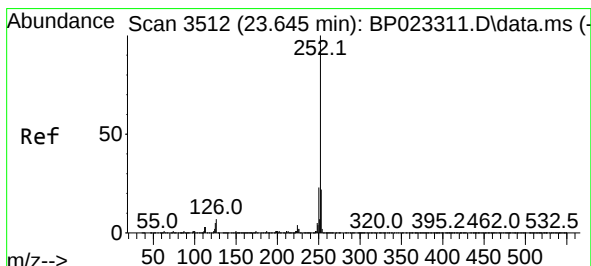
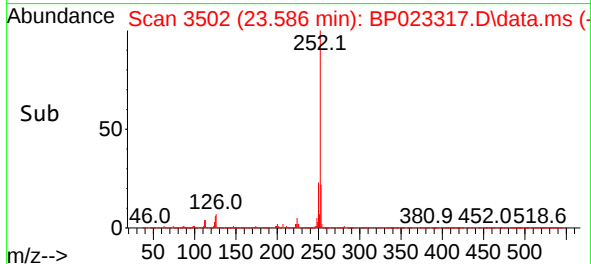
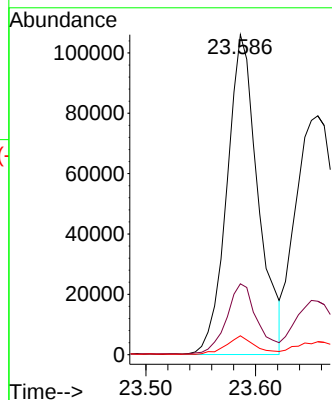
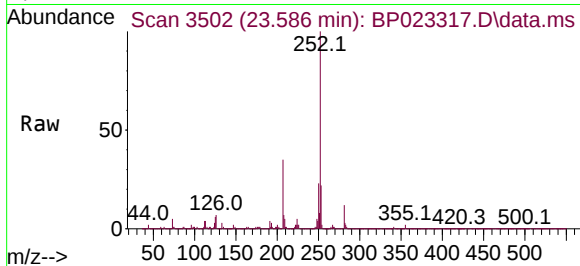
#90
Benzo(b)fluoranthene
Concen: 4.589 ng/ul m
RT: 23.586 min Scan# 3501
Delta R.T. -0.041 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion:252 Resp: 20954
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 5.9 3.7 5.5

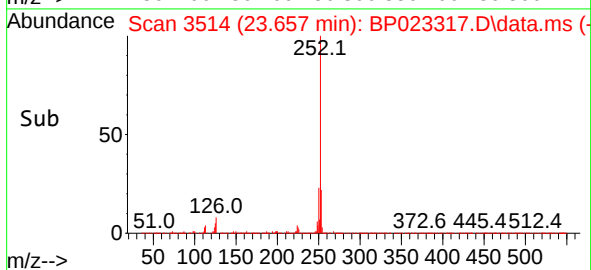
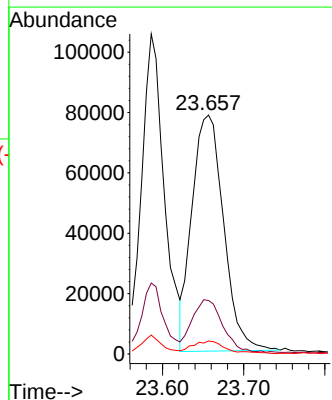
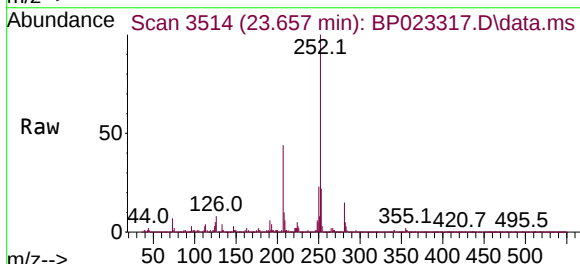
Manual Integrations
APPROVED

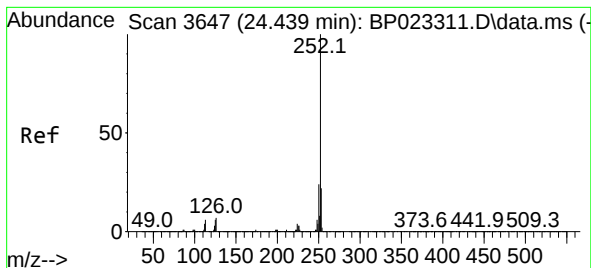
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#91
Benzo(k)fluoranthene
Concen: 4.704 ng/ul
RT: 23.657 min Scan# 3514
Delta R.T. -0.029 min
Lab File: BP023317.D
Acq: 25 Nov 2024 15:40

Tgt Ion:252 Resp: 211463
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 5.5 3.0 4.4





#93

Benzo(a)pyrene

Concen: 4.260 ng/ul

RT: 24.451 min Scan# 3

Delta R.T. -0.035 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

Tgt Ion:252 Resp: 17584

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

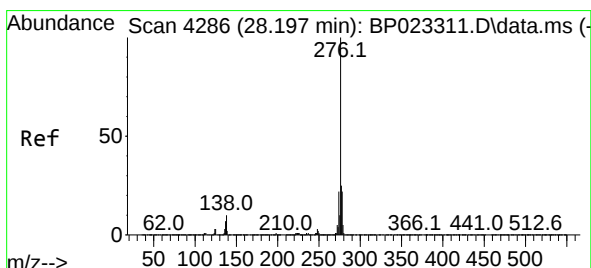
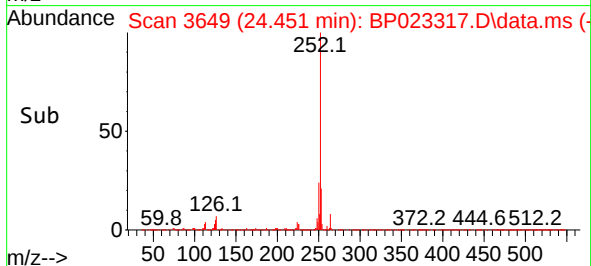
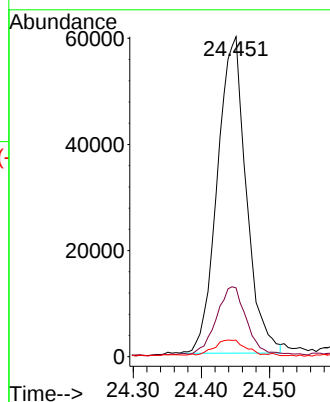
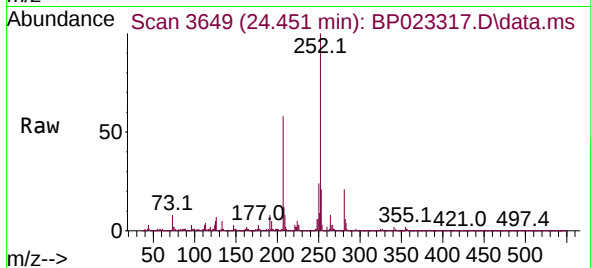
125 5.1 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.107 ng/ul m

RT: 28.227 min Scan# 4291

Delta R.T. -0.047 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

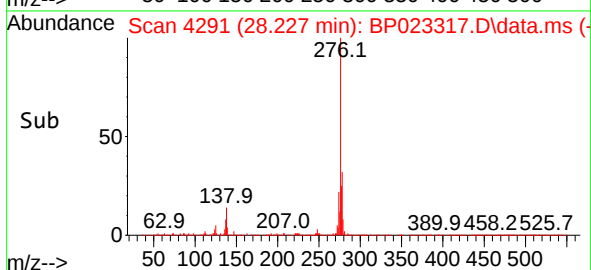
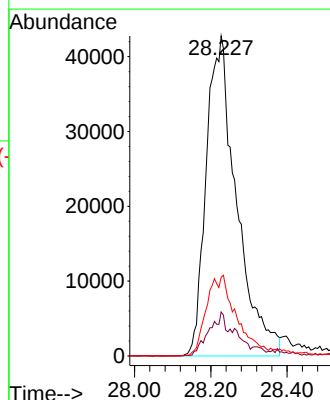
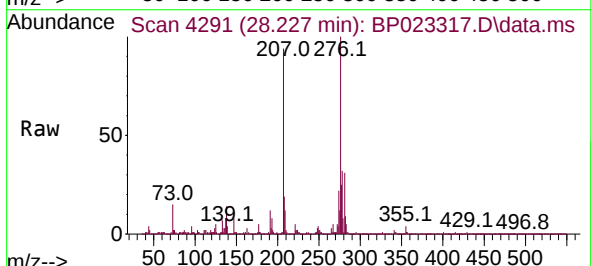
Tgt Ion:276 Resp: 236225

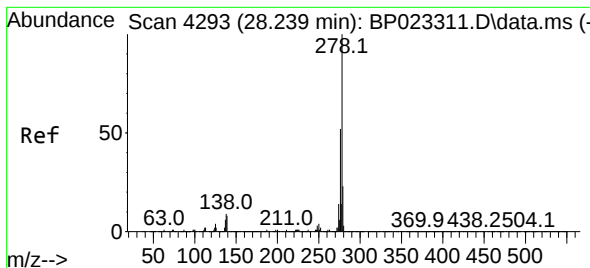
Ion Ratio Lower Upper

276 100

138 13.7 7.0 10.4#

277 24.6 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 4.267 ng/ul m

RT: 28.268 min Scan# 4298

Delta R.T. -0.053 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

Tgt Ion:278 Resp: 19924

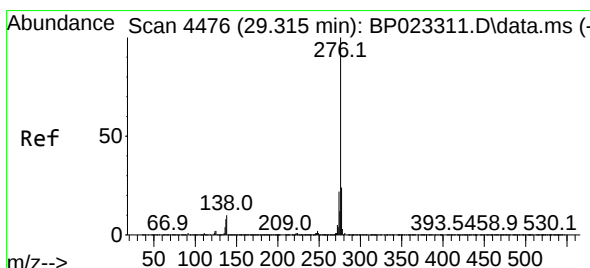
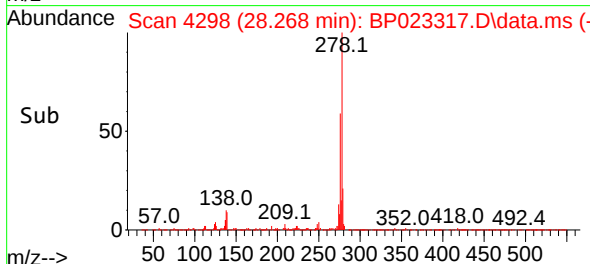
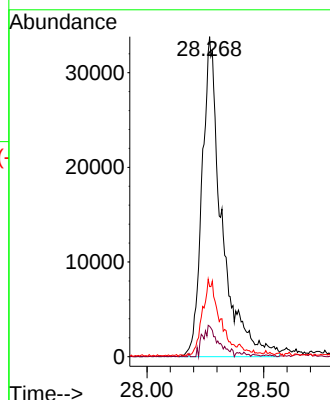
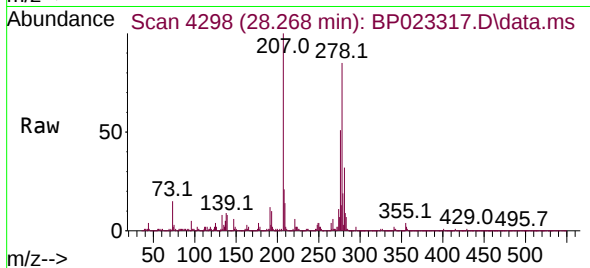
Ion	Ratio	Lower	Upper
278	100		
139	9.5	5.4	8.0
279	21.9	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#96

Benzo(g,h,i)perylene

Concen: 4.488 ng/ul m

RT: 29.362 min Scan# 4484

Delta R.T. -0.047 min

Lab File: BP023317.D

Acq: 25 Nov 2024 15:40

Tgt Ion:276 Resp: 196067

Ion	Ratio	Lower	Upper
276	100		
138	10.2	7.1	10.7
277	24.0	19.4	29.2

