

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112524\
 Data File : BP023316.D
 Acq On : 25 Nov 2024 15:00
 Operator : RC/JU
 Sample : P4776-04
 Misc : MDL-SOIL-QT4-2024
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 00:13:34 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	67172	20.000	ng/u1	0.00
20) Naphthalene-d8	10.310	136	260856	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.175	164	212495	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.981	188	551033	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.410	240	664249	20.000	ng/u1	-0.01
88) Perylene-d12	24.610	264	768579	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	5969	4.271	ng/uL	0.00
4) Pyridine-d5	3.552	84	49644	11.957	ng/u1	0.00
7) Phenol-d5	6.781	99	57012	11.480	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	40357	13.832	ng/u1	0.00
11) 2-Chlorophenol-d4	7.116	132	44840	12.328	ng/u1	0.00
15) 4-Methylphenol-d8	8.293	113	46854	11.465	ng/u1	0.01
21) Nitrobenzene-d5	8.710	128	22174	12.210	ng/u1	0.00
24) 2-Nitrophenol-d4	9.416	143	27237	12.581	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	53951m	11.899	ng/u1	0.01
31) 4-Chloroaniline-d4	10.475	131	61624	11.393	ng/u1	0.00
46) Dimethylphthalate-d6	13.581	166	208497	13.614	ng/u1	0.00
49) Acenaphthylene-d8	13.863	160	220355	13.789	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.498	143	27383m	11.897	ng/u1	0.04
60) Fluorene-d10	15.187	176	183525	13.668	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.351	200	33130	10.036	ng/u1	0.00
73) Anthracene-d10	17.081	188	317941	13.627	ng/u1	-0.02
81) Pyrene-d10	19.463	212	420636	13.748	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.392	264	515331	14.076	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	1802m	1.116	ng/uL	
5) Pyridine	3.570	79	15869	3.806	ng/u1#	75
6) Benzaldehyde	6.752	77	13595m	4.757	ng/u1	
8) Phenol	6.805	94	19161	3.695	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.005	93	16700	4.285	ng/u1	92
12) 2-Chlorophenol	7.152	128	15396	4.077	ng/u1	93
13) 2-Methylphenol	8.028	108	14673	3.790	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.075	45	22426	5.083	ng/u1	98
16) Acetophenone	8.387	105	30356	4.420	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.352	70	16100	4.695	ng/u1	99
18) 4-Methylphenol	8.369	108	16830m	3.936	ng/u1	
19) Hexachloroethane	8.605	117	7873	4.311	ng/u1	95
22) Nitrobenzene	8.758	77	23868	4.580	ng/u1#	89
23) Isophorone	9.269	82	42125	4.521	ng/u1	96
25) 2-Nitrophenol	9.452	139	8864	3.879	ng/u1	96
26) 2,4-Dimethylphenol	9.522	107	18057	3.659	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.746	93	24216	4.724	ng/u1	97
29) 2,4-Dichlorophenol	10.005	162	18458m	4.110	ng/u1	
30) Naphthalene	10.352	128	59119	4.665	ng/u1	99
32) 4-Chloroaniline	10.493	127	20650m	3.941	ng/u1	
33) Hexachlorobutadiene	10.622	225	17468	4.299	ng/u1	95
34) Caprolactam	11.316	113	6014m	4.502	ng/u1	
35) 4-Chloro-3-methylphenol	11.652	107	18621	3.854	ng/u1	94
36) 2-Methylnaphthalene	11.975	142	41707	4.359	ng/u1	88

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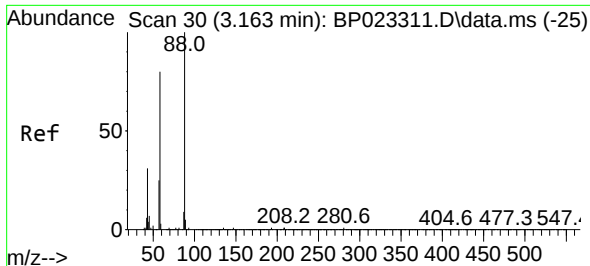
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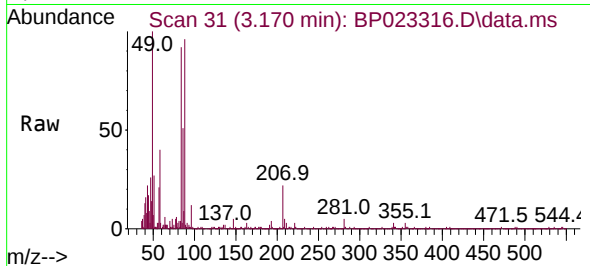
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.193	142	37985	3.884	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.351	216	31430	4.381	ng/ul	98
40) Hexachlorocyclopentadiene	12.304	237	16115	4.277	ng/ul	98
41) 2,4,6-Trichlorophenol	12.622	196	16413m	3.757	ng/ul	
42) 2,4,5-Trichlorophenol	12.716	196	18344m	3.895	ng/ul	
43) 1,1'-Biphenyl	12.993	154	60560	4.448	ng/ul	96
44) 2-Chloronaphthalene	13.046	162	48717	4.377	ng/ul	97
45) 2-Nitroaniline	13.281	65	11251	3.600	ng/ul	96
47) Dimethylphthalate	13.628	163	69136	4.577	ng/ul	99
48) 2,6-Dinitrotoluene	13.781	165	11724	3.991	ng/ul	93
50) Acenaphthylene	13.893	152	75115	4.650	ng/ul	100
51) 3-Nitroaniline	14.151	138	9294	3.673	ng/ul	100
52) Acenaphthene	14.234	153	53391	4.553	ng/ul	98
53) 2,4-Dinitrophenol	14.363	184	12063	5.787	ng/ul	95
55) 4-Nitrophenol	14.504	109	9708m	3.605	ng/ul	
56) Dibenzofuran	14.593	168	83452	4.606	ng/ul	96
57) 2,4-Dinitrotoluene	14.593	165	19557	4.177	ng/ul#	69
58) 2,3,4,6-Tetrachlorophenol	14.840	232	19173	4.165	ng/ul	93
59) Diethylphthalate	15.010	149	65785	4.404	ng/ul	96
61) Fluorene	15.251	166	67650	4.562	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.240	204	39411	4.513	ng/ul	97
63) 4-Nitroaniline	15.328	138	7784	3.306	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.363	198	14682	4.164	ng/ul#	84
67) N-Nitrosodiphenylamine	15.463	169	56937	4.472	ng/ul	95
68) 4-Bromophenyl-phenylether	16.151	248	25603	4.103	ng/ul	99
69) Hexachlorobenzene	16.269	284	33117	4.216	ng/ul	97
70) Atrazine	16.445	200	26630	4.327	ng/ul	96
71) Pentachlorophenol	16.651	266	31098	6.377	ng/ul	92
72) Phenanthrene	17.028	178	120365	4.626	ng/ul	99
74) Anthracene	17.116	178	114285	4.369	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.951	216	29545	4.061	ng/ul	94
76) Pentachlorobenzene	14.510	250	32609	3.925	ng/ul	97
77) Carbazole	17.422	167	91534	4.011	ng/ul	99
78) Di-n-butylphthalate	17.992	149	106627	4.210	ng/ul	99
80) Fluoranthene	19.128	202	149818	4.250	ng/ul	100
82) Pyrene	19.504	202	170256	4.496	ng/ul	98
83) Butylbenzylphthalate	20.451	149	50710	4.068	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.333	252	48371	3.244	ng/ul	97
85) Benzo(a)anthracene	21.392	228	182885	4.509	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.316	149	74840	4.224	ng/ul	95
87) Chrysene	21.463	228	169646	4.445	ng/ul	97
89) Di-n-octyl phthalate	22.522	149	135662	4.351	ng/ul	100
90) Benzo(b)fluoranthene	23.604	252	197035	4.606	ng/ul	99
91) Benzo(k)fluoranthene	23.669	252	205337	4.876	ng/ul#	98
93) Benzo(a)pyrene	24.457	252	164583	4.256	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.245	276	235071m	4.363	ng/ul	
95) Dibenzo(a,h)anthracene	28.309	278	185029m	4.230	ng/ul	
96) Benzo(g,h,i)perylene	29.404	276	182488m	4.459	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.116 ng/uL m
RT: 3.170 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

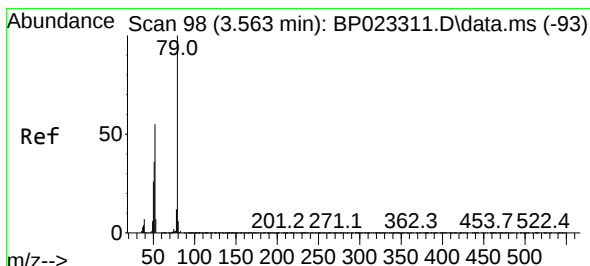
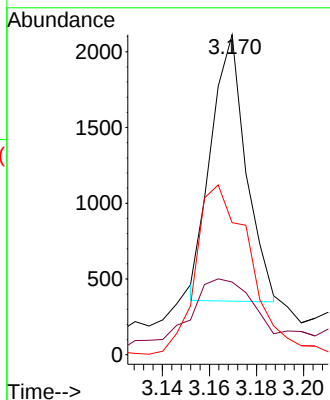
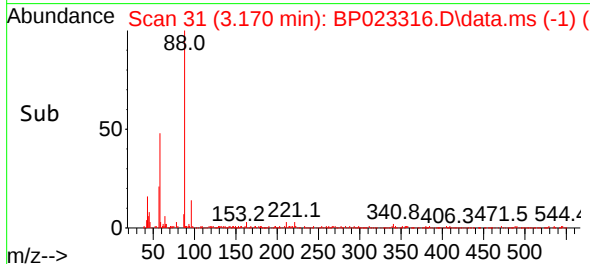
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-08



Tgt Ion: 88 Resp: 1802
Ion Ratio Lower Upper
88 100
43 22.7 24.2 36.4
58 41.3 59.2 88.8

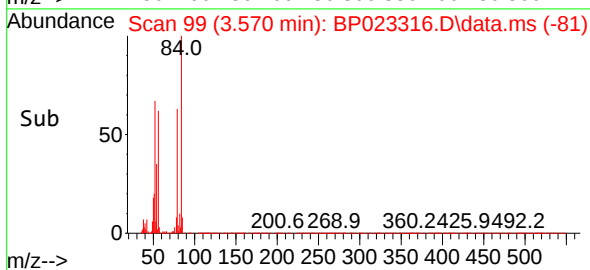
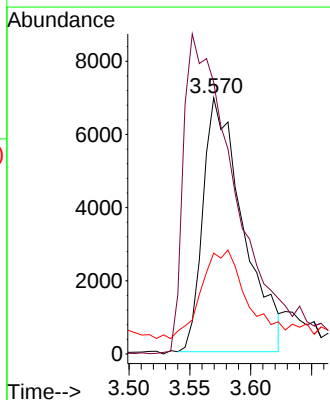
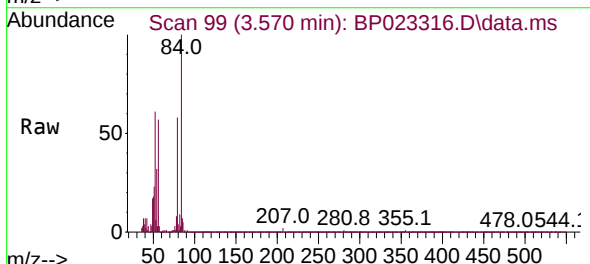
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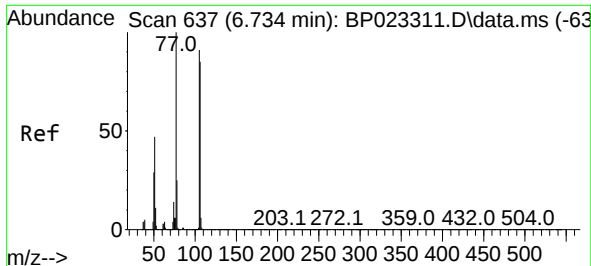
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#5
Pyridine
Concen: 3.806 ng/uL
RT: 3.570 min Scan# 99
Delta R.T. 0.006 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion: 79 Resp: 15869
Ion Ratio Lower Upper
79 100
52 106.0 59.5 89.3
51 39.3 30.4 45.6





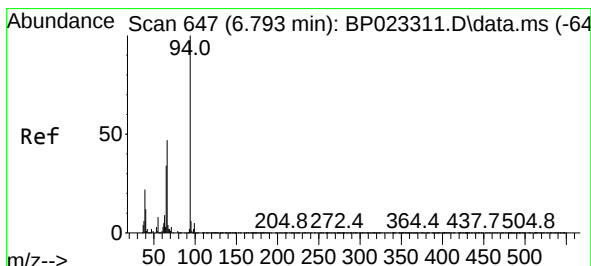
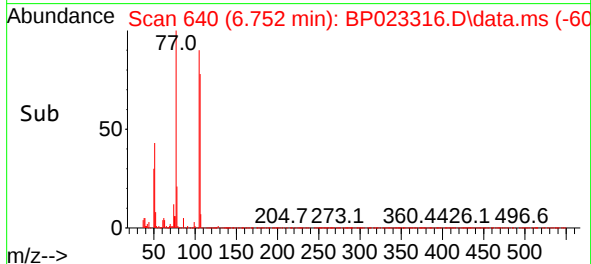
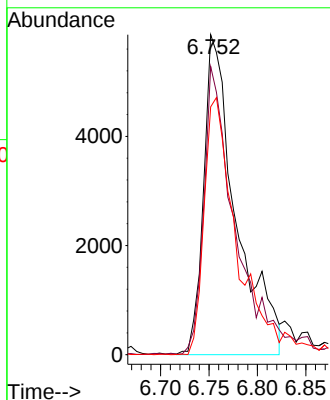
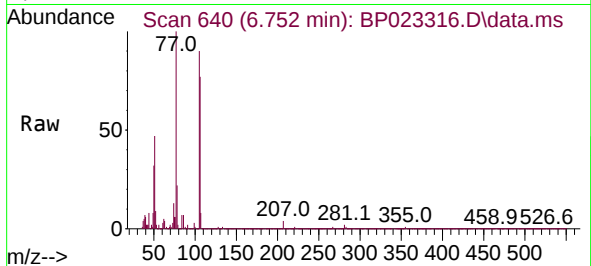
#6
Benzaldehyde
Concen: 4.757 ng/ul m
RT: 6.752 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion: 77 Resp: 1359
Ion Ratio Lower Upper
77 100
105 90.0 72.5 108.7
106 77.5 65.5 98.3

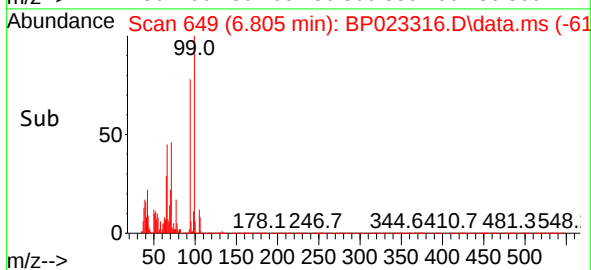
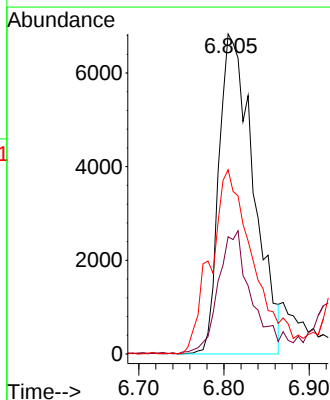
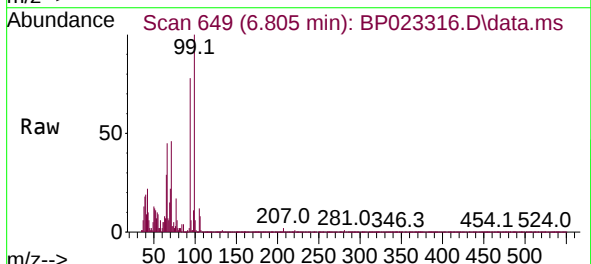
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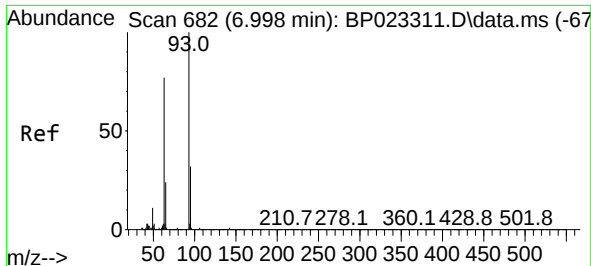
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#8
Phenol
Concen: 3.695 ng/ul
RT: 6.805 min Scan# 649
Delta R.T. 0.000 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion: 94 Resp: 19161
Ion Ratio Lower Upper
94 100
65 36.6 26.2 39.4
66 57.6 40.2 60.4





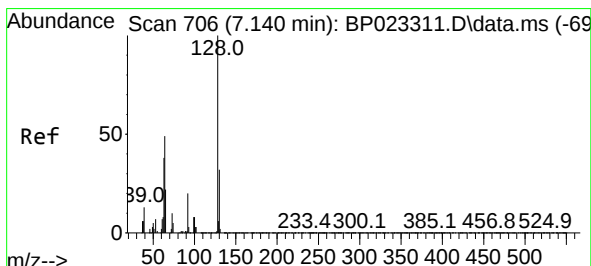
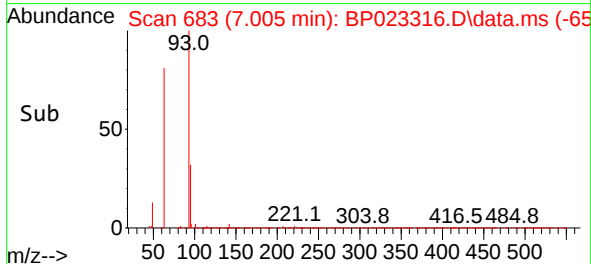
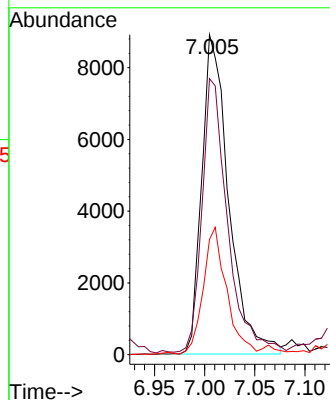
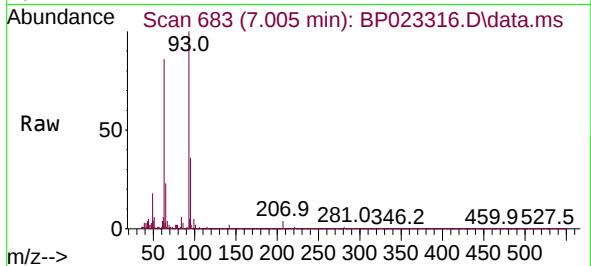
#10
Bis(2-Chloroethyl)ether
Concen: 4.285 ng/ul
RT: 7.005 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion: 93 Resp: 16700
Ion Ratio Lower Upper
93 100
63 86.2 60.6 91.0
95 36.0 29.0 43.4

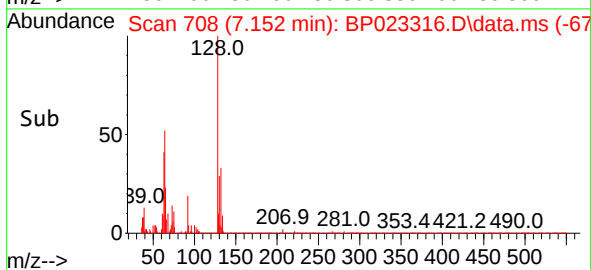
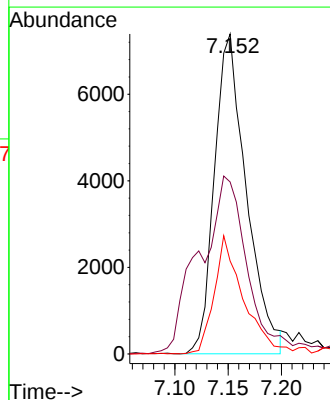
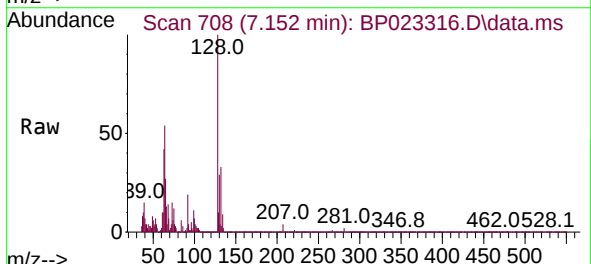
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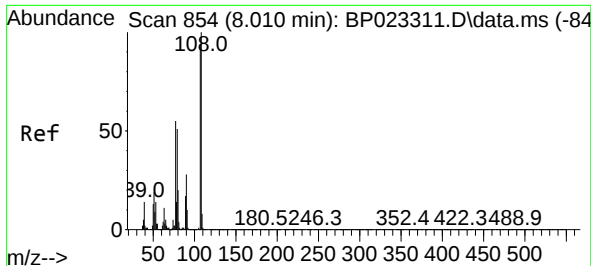
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#12
2-Chlorophenol
Concen: 4.077 ng/ul
RT: 7.152 min Scan# 708
Delta R.T. 0.006 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion:128 Resp: 15396
Ion Ratio Lower Upper
128 100
64 53.7 39.0 58.6
130 29.1 26.4 39.6





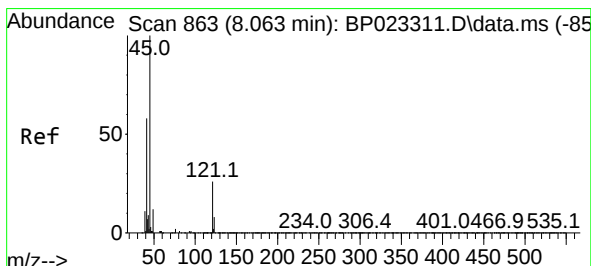
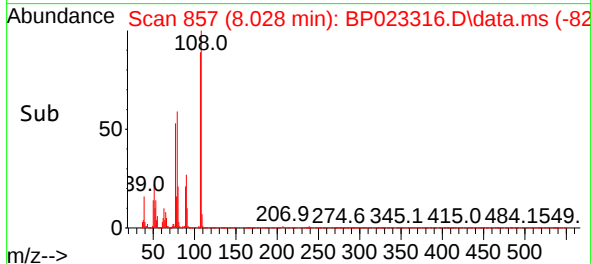
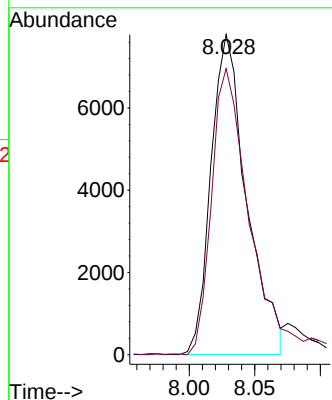
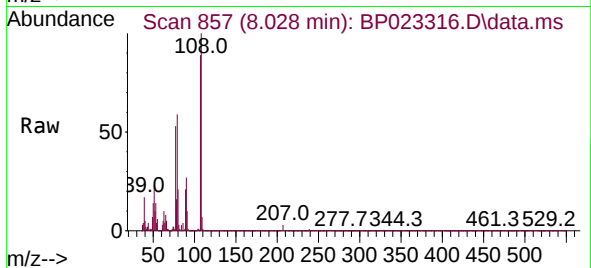
#13
2-Methylphenol
Concen: 3.790 ng/ul
RT: 8.028 min Scan# 80
Delta R.T. 0.012 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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Tgt Ion:108 Resp: 1467
Ion Ratio Lower Upper
108 100
107 89.4 73.3 109.9

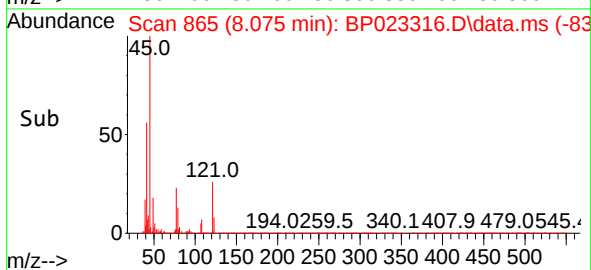
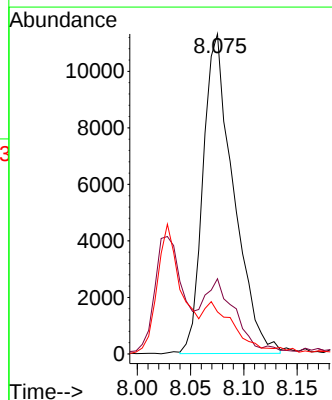
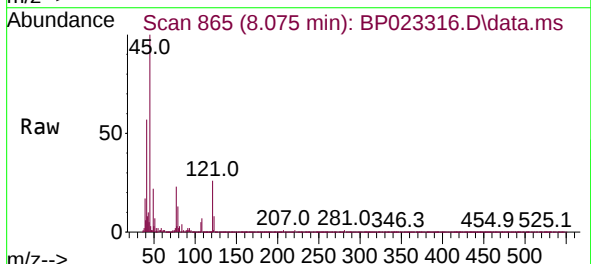
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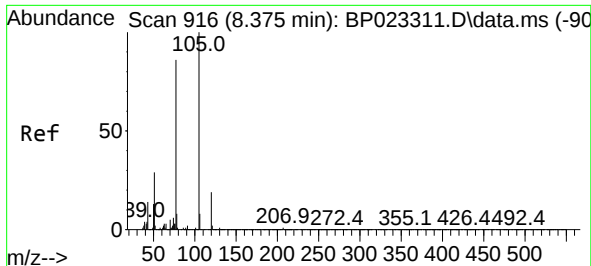
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 5.083 ng/ul
RT: 8.075 min Scan# 865
Delta R.T. 0.000 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion: 45 Resp: 22426
Ion Ratio Lower Upper
45 100
77 23.5 18.2 27.2
79 13.2 11.7 17.5





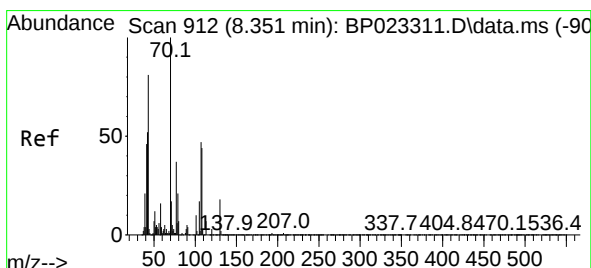
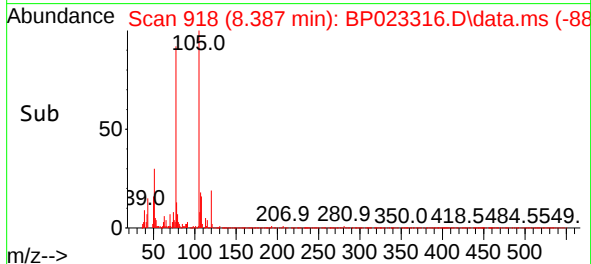
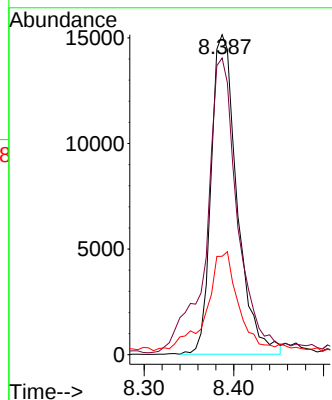
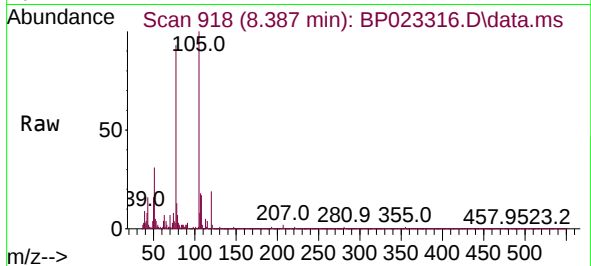
#16
Acetophenone
Concen: 4.420 ng/ul
RT: 8.387 min Scan# 916
Delta R.T. 0.006 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion:105 Resp: 30350
Ion Ratio Lower Upper
105 100
77 92.7 69.4 104.0
51 30.7 23.2 34.8

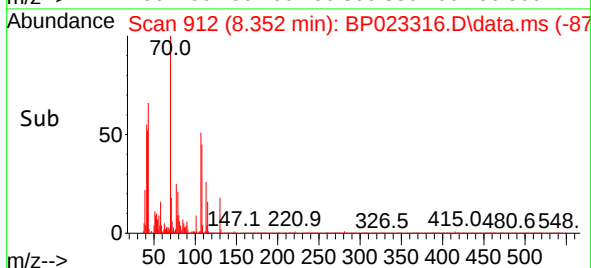
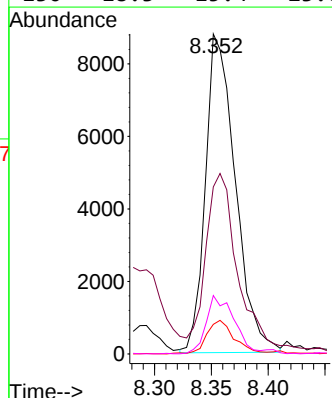
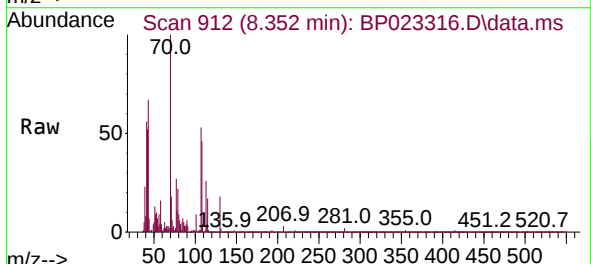
Manual Integrations
APPROVED

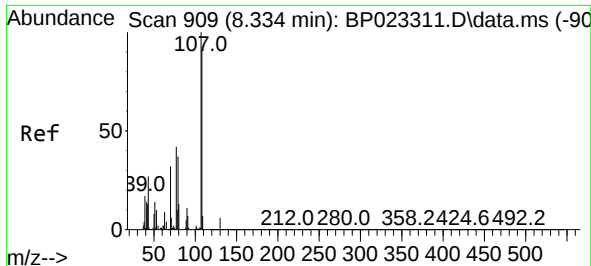
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.695 ng/ul
RT: 8.352 min Scan# 912
Delta R.T. -0.006 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion: 70 Resp: 16100
Ion Ratio Lower Upper
70 100
42 52.2 42.3 63.5
101 9.3 7.4 11.2
130 18.3 15.4 23.0





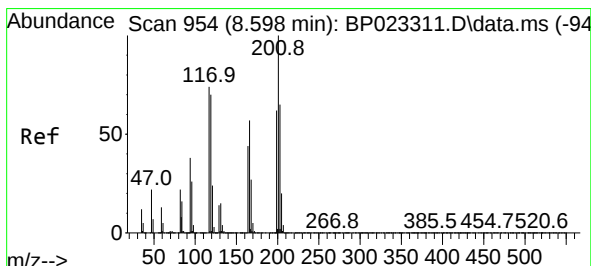
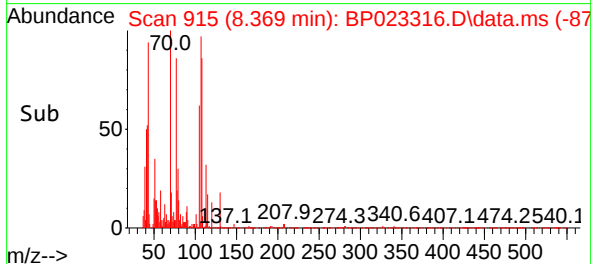
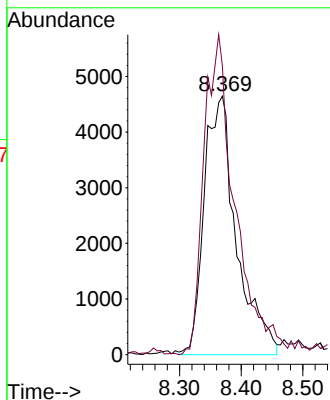
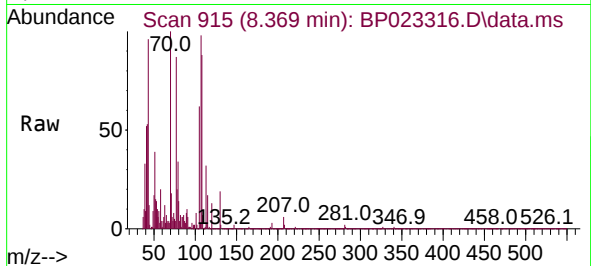
#18
4-Methylphenol
Concen: 3.936 ng/ul m
RT: 8.369 min Scan# 915
Delta R.T. 0.024 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion:108 Resp: 16830
Ion Ratio Lower Upper
108 100
107 111.9 91.5 137.3

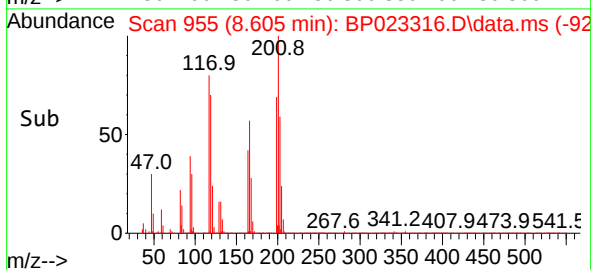
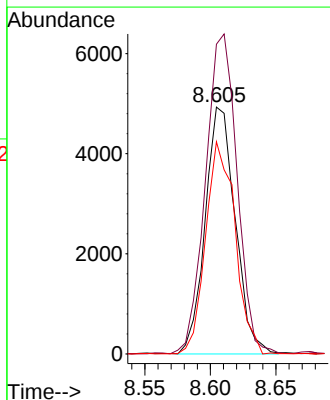
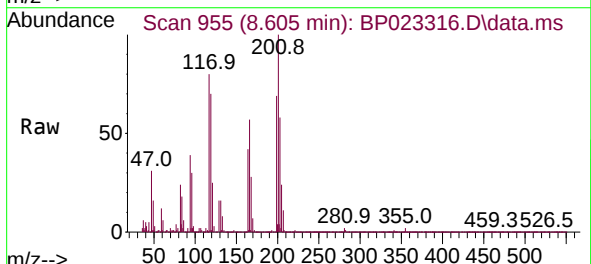
Manual Integrations
APPROVED

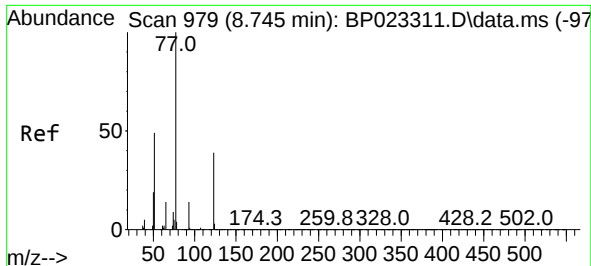
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#19
Hexachloroethane
Concen: 4.311 ng/ul
RT: 8.605 min Scan# 955
Delta R.T. -0.012 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion:117 Resp: 7873
Ion Ratio Lower Upper
117 100
201 125.5 105.0 157.6
199 86.0 65.9 98.9





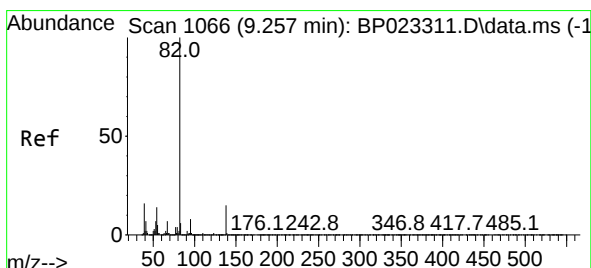
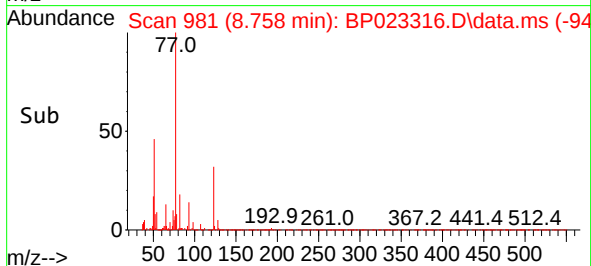
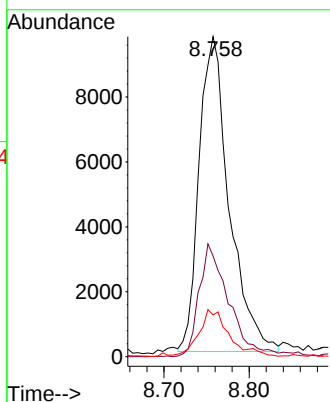
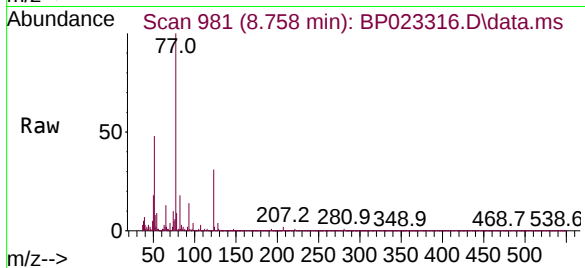
#22
Nitrobenzene
Concen: 4.580 ng/ul
RT: 8.758 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion: 77 Resp: 2386
Ion Ratio Lower Upper
77 100
123 31.5 32.2 48.4
65 13.1 10.9 16.3

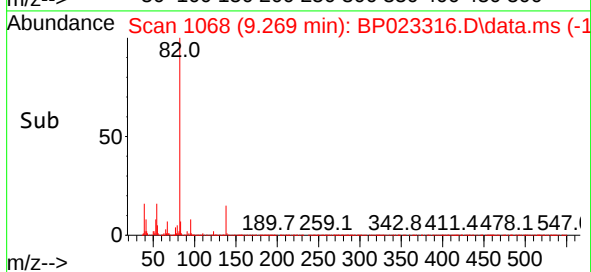
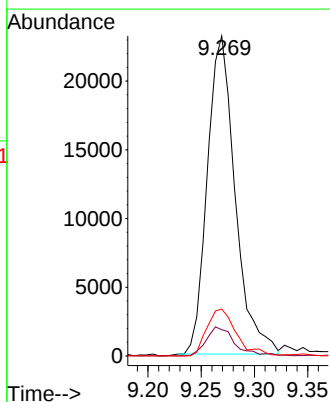
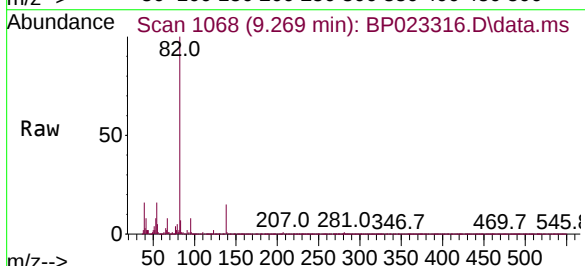
Manual Integrations
APPROVED

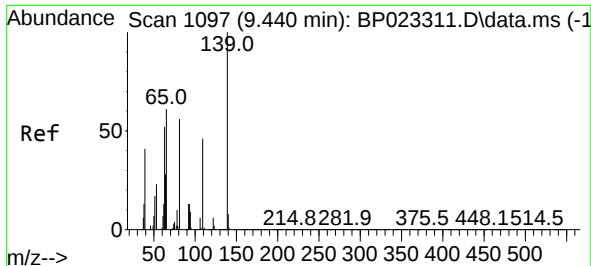
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#23
Isophorone
Concen: 4.521 ng/ul
RT: 9.269 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion: 82 Resp: 42125
Ion Ratio Lower Upper
82 100
95 8.2 7.6 11.4
138 14.6 13.4 20.2





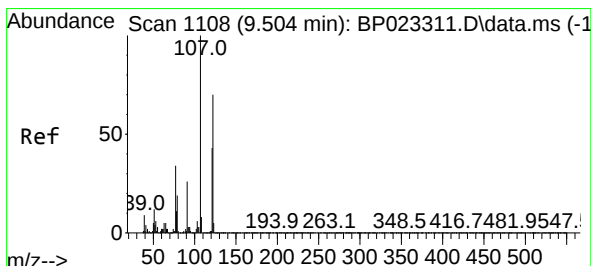
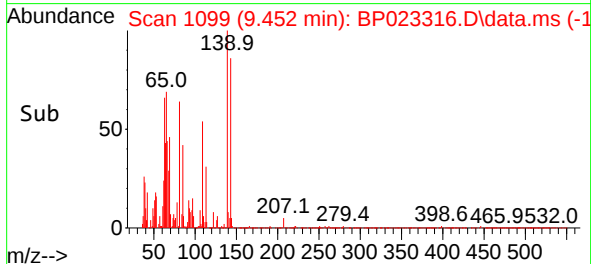
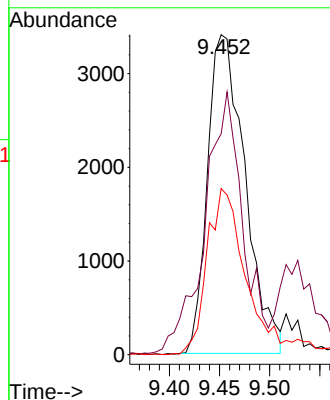
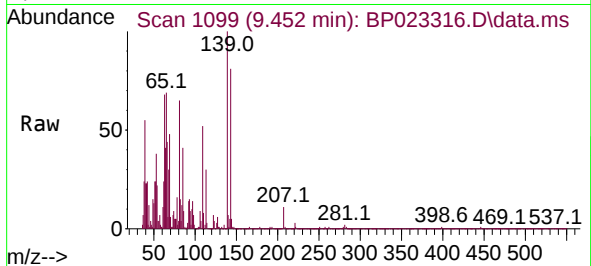
#25
2-Nitrophenol
Concen: 3.879 ng/ul
RT: 9.452 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion:139 Resp: 8864
Ion Ratio Lower Upper
139 100
65 69.0 52.8 79.2
109 51.9 38.9 58.3

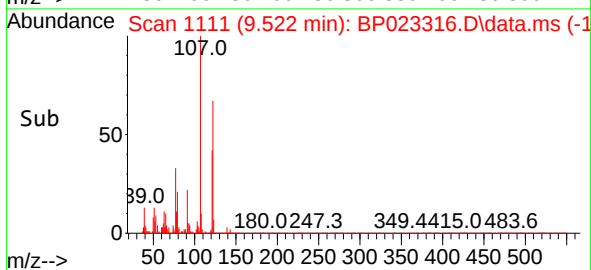
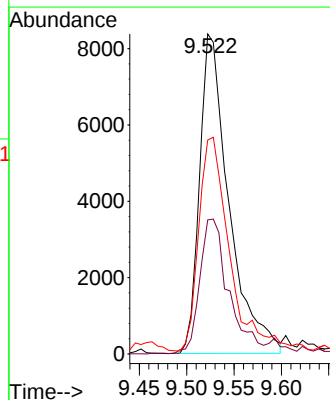
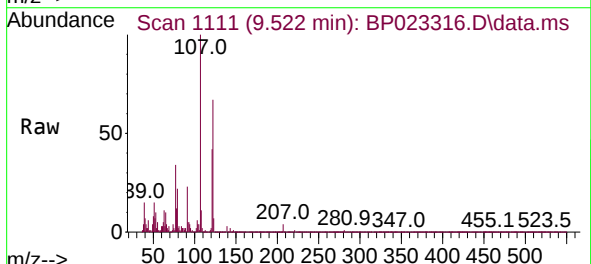
Manual Integrations
APPROVED

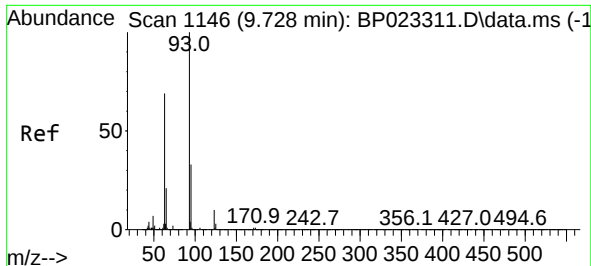
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2,4-Dimethylphenol
Concen: 3.659 ng/ul
RT: 9.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion:107 Resp: 18057
Ion Ratio Lower Upper
107 100
121 41.9 34.4 51.6
122 66.9 56.7 85.1





#27

Bis(2-Chloroethoxy)methane

Concen: 4.724 ng/ul

RT: 9.746 min Scan# 1146

Delta R.T. 0.006 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2024-08

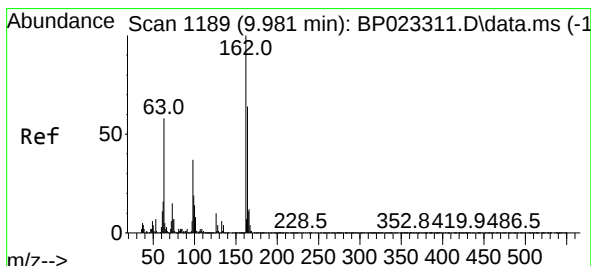
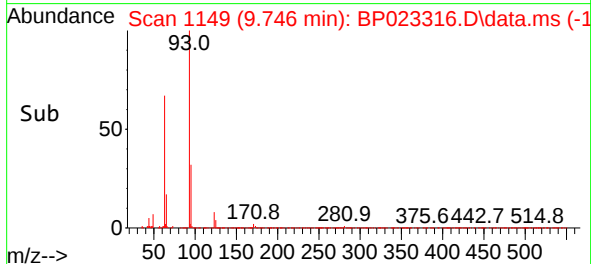
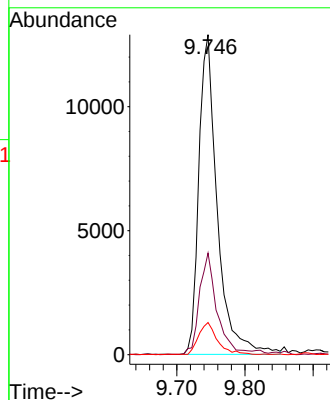
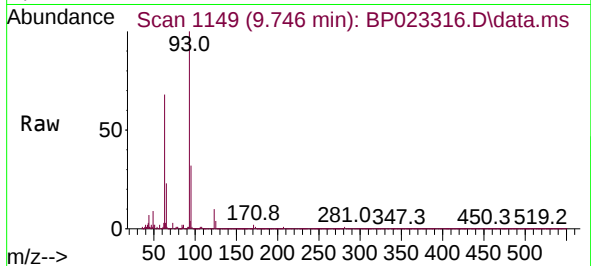
Tgt Ion: 93	Resp: 24210
Ion Ratio	Lower Upper
93 100	
95 31.8	27.0 40.6
123 10.1	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#29

2,4-Dichlorophenol

Concen: 4.110 ng/ul m

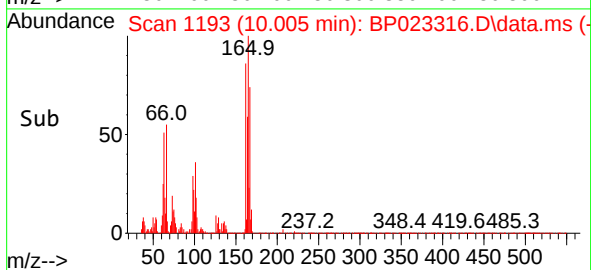
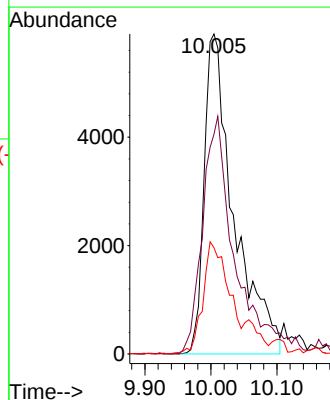
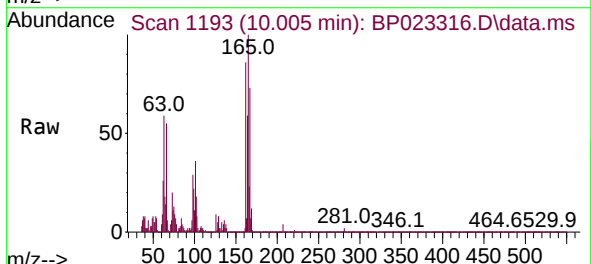
RT: 10.005 min Scan# 1193

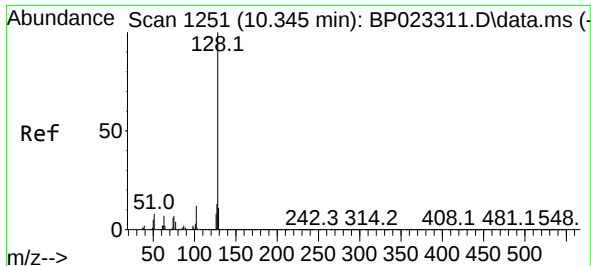
Delta R.T. 0.012 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

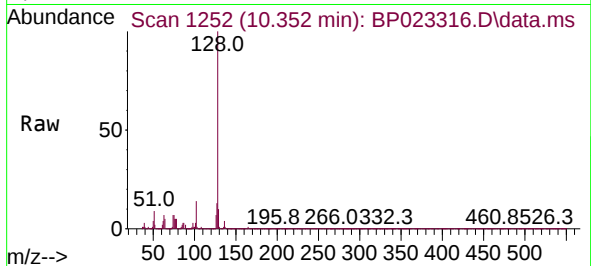
Tgt Ion:162	Resp: 18458
Ion Ratio	Lower Upper
162 100	
164 68.6	51.4 77.0
98 33.2	27.0 40.6





#30
Naphthalene
Concen: 4.665 ng/ul
RT: 10.352 min Scan# 1251
Delta R.T. -0.012 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

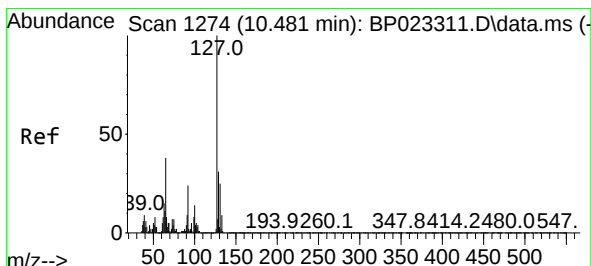
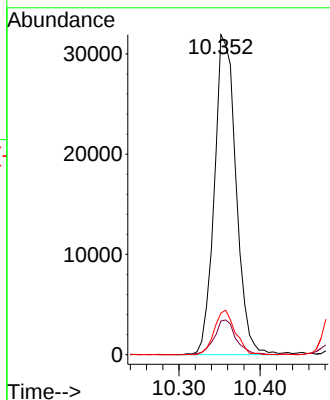
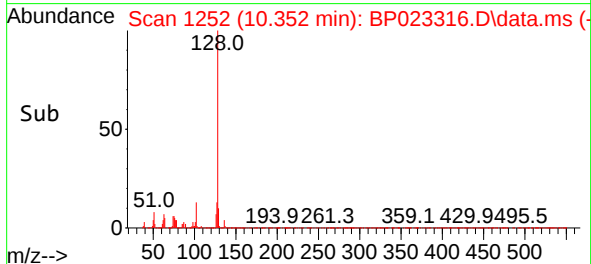
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-08



Tgt Ion:128 Resp: 59119
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.0 10.2 15.2

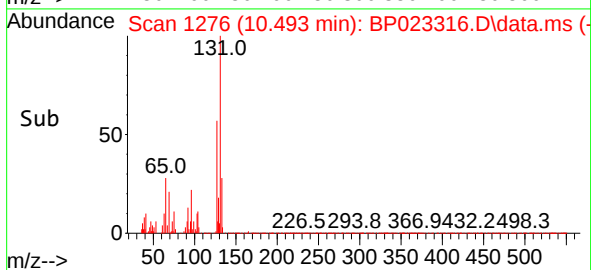
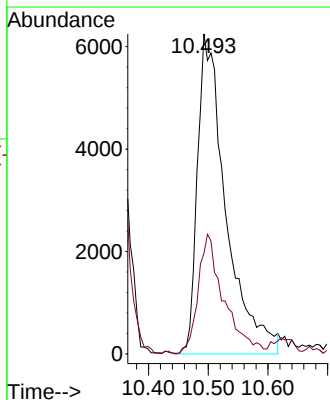
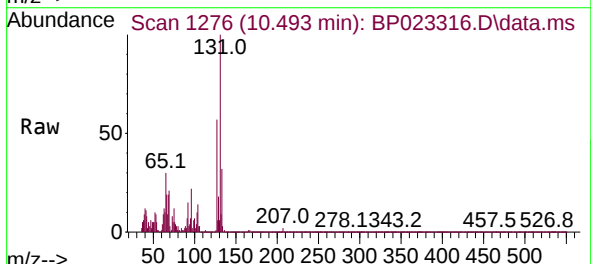
Manual Integrations
APPROVED

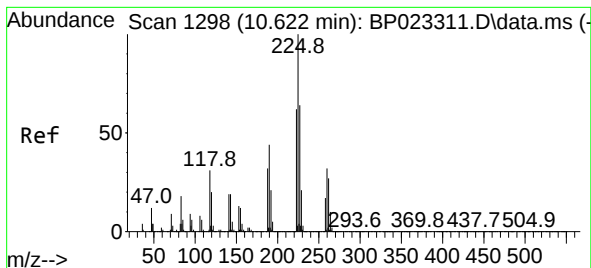
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#32
4-Chloroaniline
Concen: 3.941 ng/ul m
RT: 10.493 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

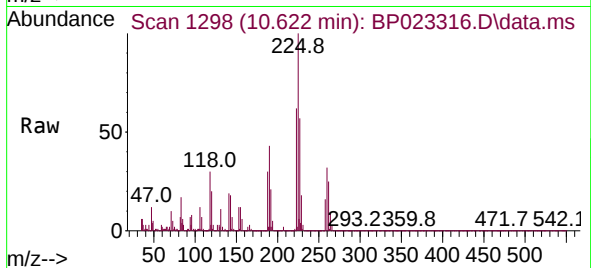
Tgt Ion:127 Resp: 20650
Ion Ratio Lower Upper
127 100
129 31.5 26.4 39.6





#33
Hexachlorobutadiene
Concen: 4.299 ng/ul
RT: 10.622 min Scan# 1298
Delta R.T. -0.012 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

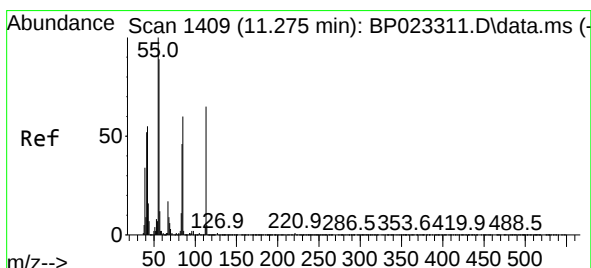
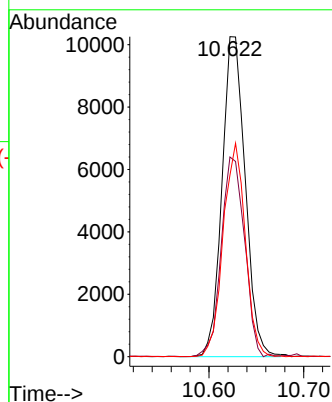
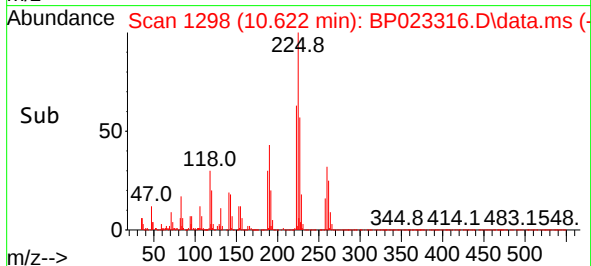
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-08



Tgt Ion:225 Resp: 1746
Ion Ratio Lower Upper
225 100
223 62.4 49.7 74.5
227 56.8 51.4 77.0

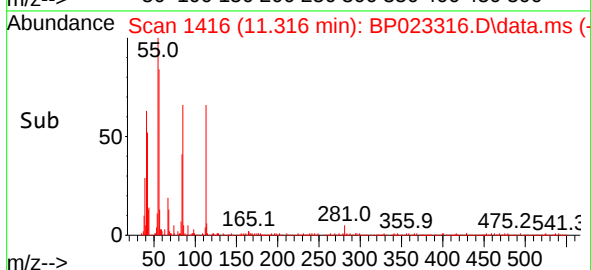
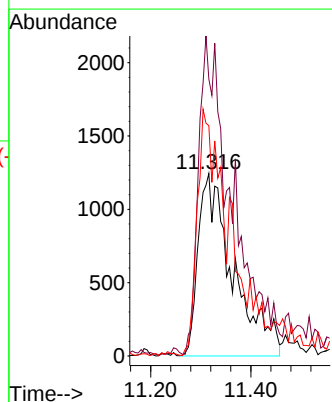
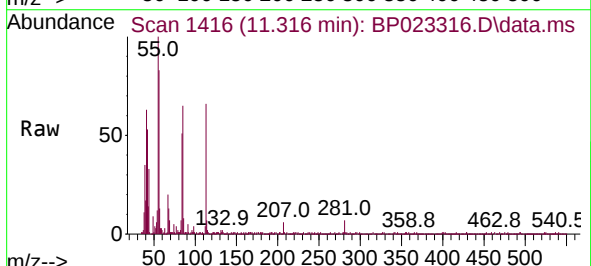
Manual Integrations
APPROVED

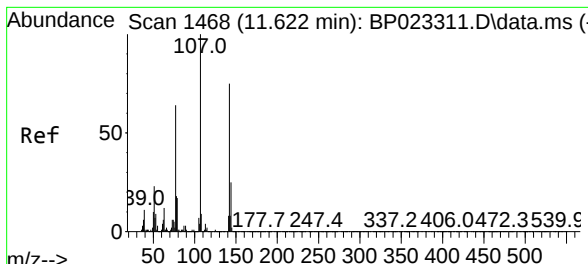
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Caprolactam
Concen: 4.502 ng/ul m
RT: 11.316 min Scan# 1416
Delta R.T. 0.035 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion:113 Resp: 6014
Ion Ratio Lower Upper
113 100
55 151.8 123.0 184.6
56 126.2 99.8 149.8



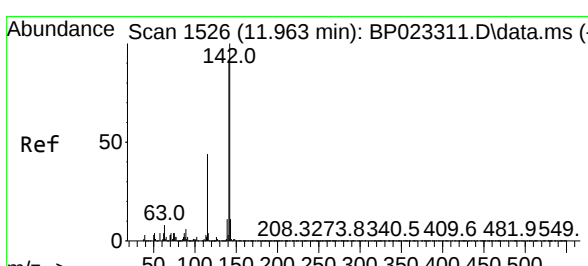
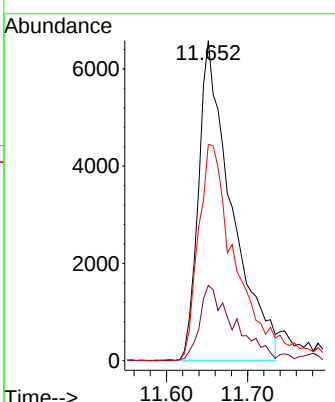
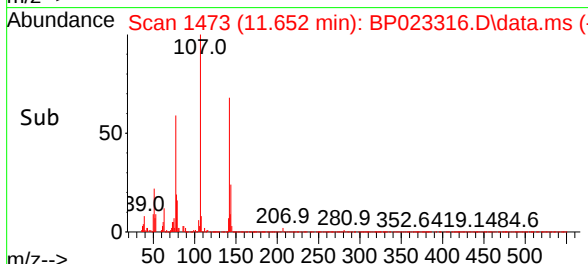
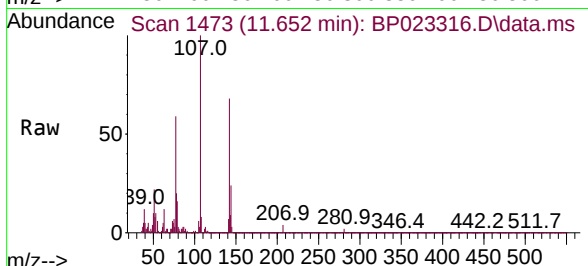


#35
 4-Chloro-3-methylphenol
 Concen: 3.854 ng/ul
 RT: 11.652 min Scan# 1468
 Delta R.T. 0.018 min
 Lab File: BP023316.D
 Acq: 25 Nov 2024 15:00

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

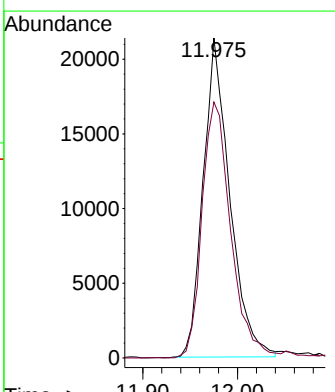
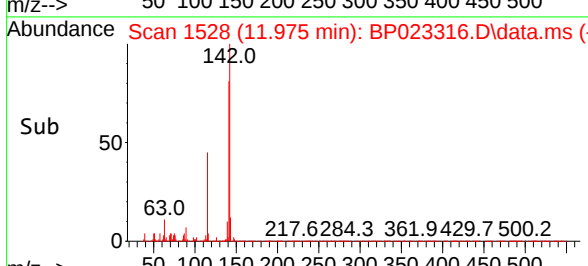
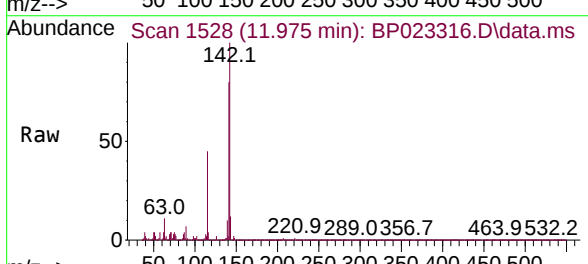
Tgt Ion:	107	Resp:	1862
Ion Ratio	Lower	Upper	
107	100		
144	23.6	18.8	28.2
142	67.6	59.8	89.8

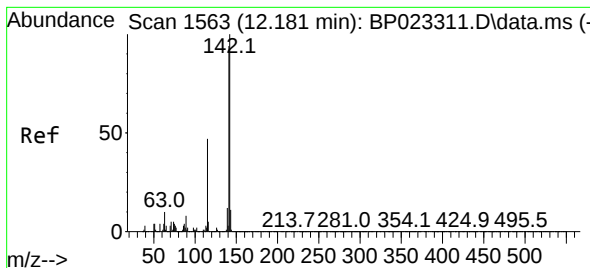
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#36
 2-Methylnaphthalene
 Concen: 4.359 ng/ul
 RT: 11.975 min Scan# 1528
 Delta R.T. -0.006 min
 Lab File: BP023316.D
 Acq: 25 Nov 2024 15:00

Tgt Ion:	142	Resp:	41707
Ion Ratio	Lower	Upper	
142	100		
141	79.9	73.1	109.7





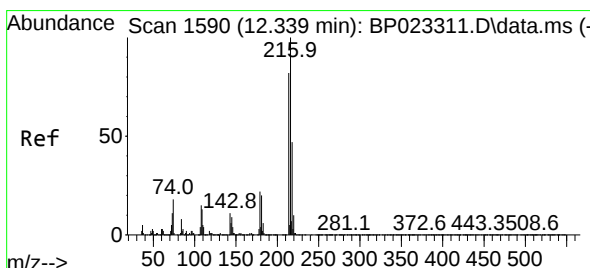
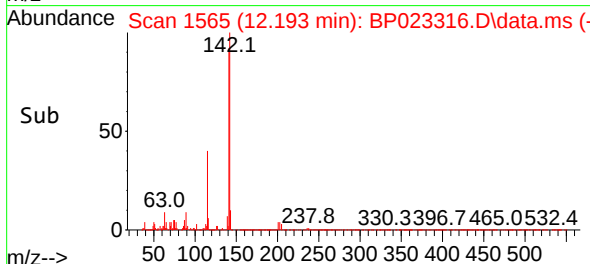
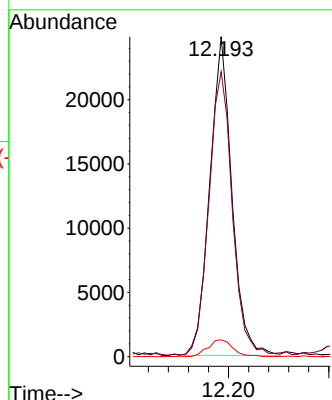
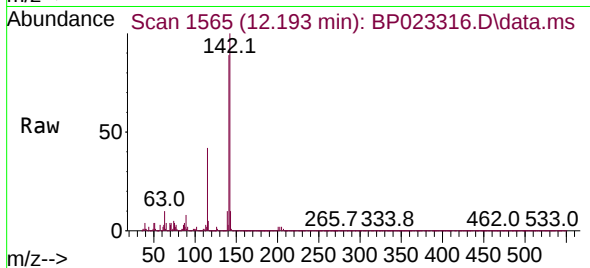
#37
1-Methylnaphthalene
Concen: 3.884 ng/ul
RT: 12.193 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion:142 Resp: 3798
Ion Ratio Lower Upper
142 100
141 89.0 73.8 110.8
116 5.3 4.2 6.4

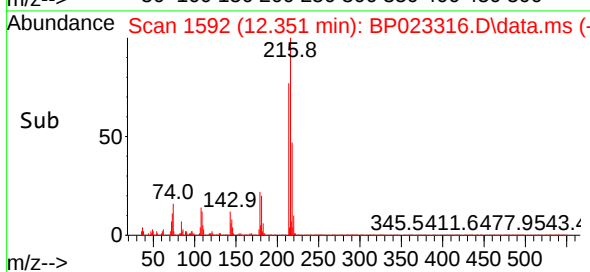
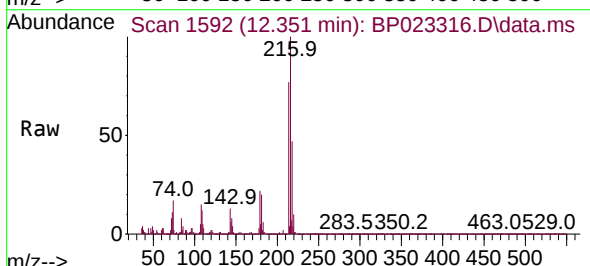
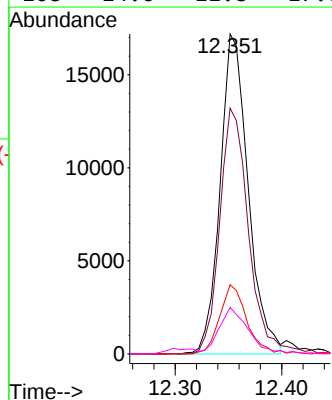
Manual Integrations
APPROVED

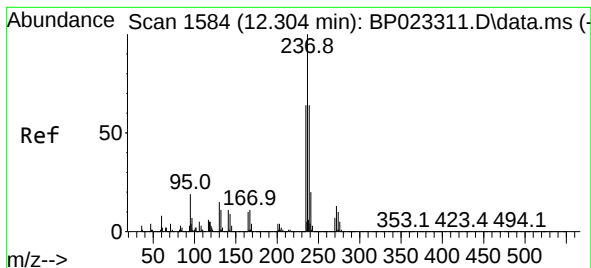
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.381 ng/ul
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion:216 Resp: 31430
Ion Ratio Lower Upper
216 100
214 76.8 59.4 89.2
179 21.7 17.3 25.9
108 14.6 11.8 17.6





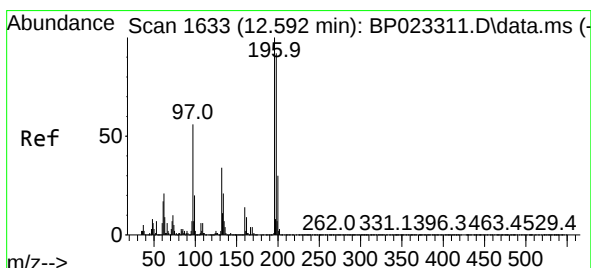
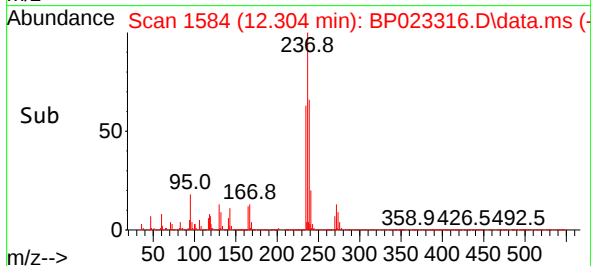
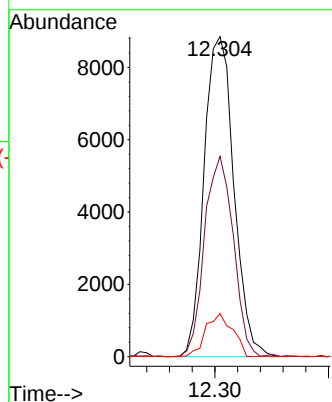
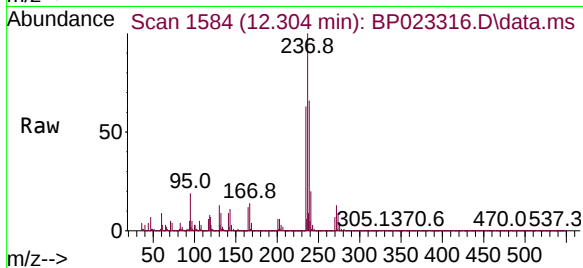
#40
Hexachlorocyclopentadiene
Concen: 4.277 ng/ul
RT: 12.304 min Scan# 1584
Delta R.T. -0.017 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.6	48.6	73.0
272	13.4	10.2	15.2

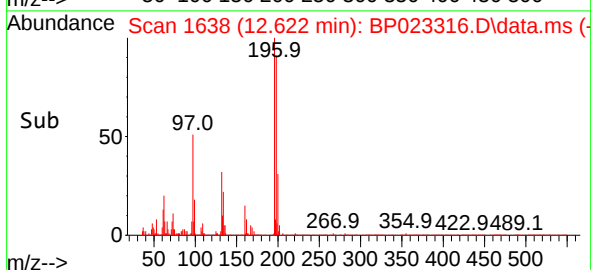
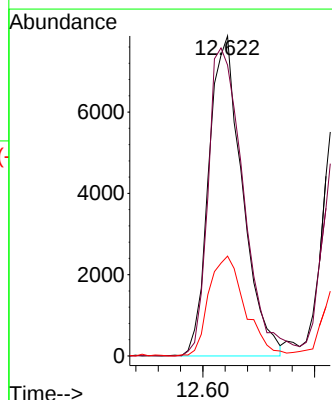
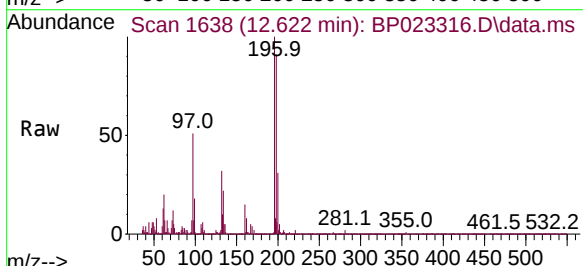
Manual Integrations
APPROVED

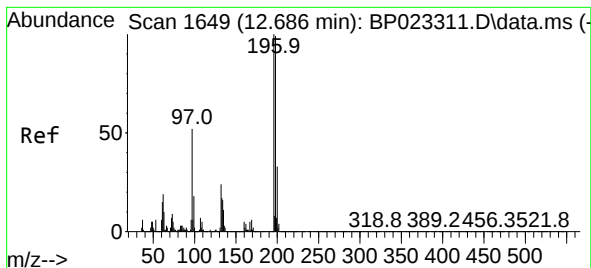
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#41
2,4,6-Trichlorophenol
Concen: 3.757 ng/ul m
RT: 12.622 min Scan# 1638
Delta R.T. 0.012 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.9	80.5	120.7
200	31.2	25.2	37.8





#42

2,4,5-Trichlorophenol

Concen: 3.895 ng/ul m

RT: 12.716 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2024-08

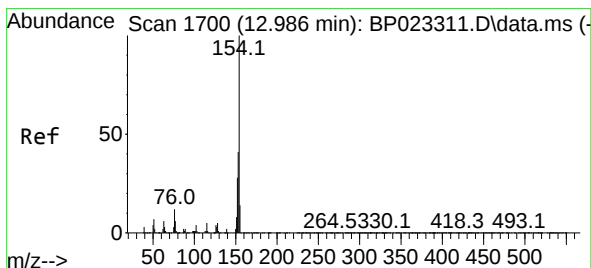
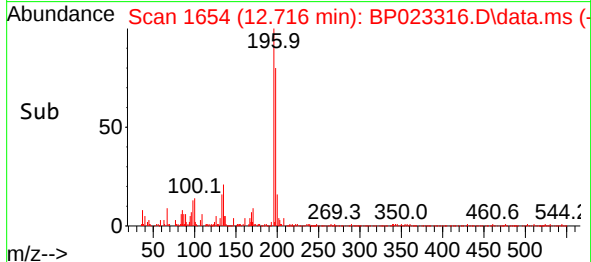
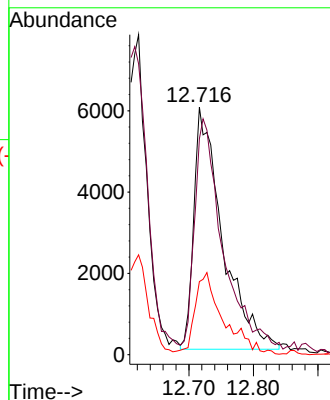
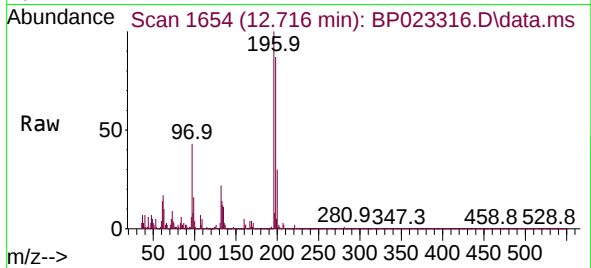
Tgt Ion:	196	Resp:	1834
Ion Ratio	Lower	Upper	
196	100		
198	87.3	79.6	119.4
200	29.6	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#43

1,1'-Biphenyl

Concen: 4.448 ng/ul

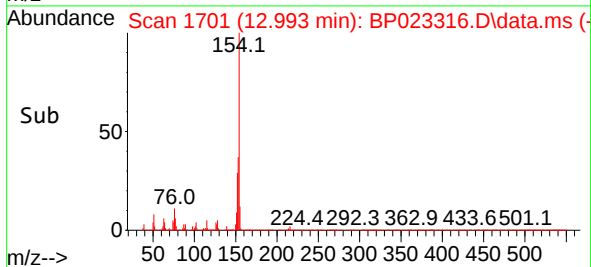
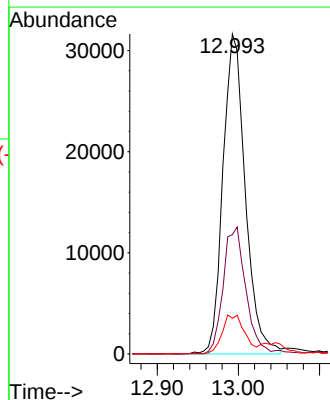
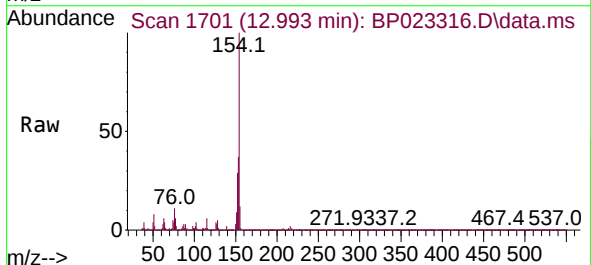
RT: 12.993 min Scan# 1701

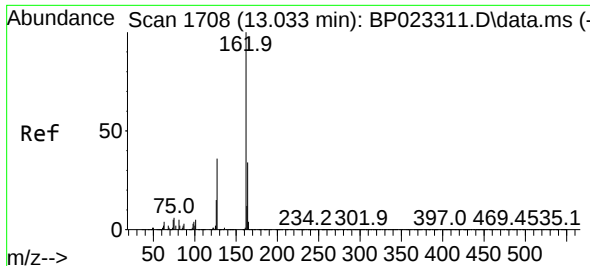
Delta R.T. -0.012 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Tgt Ion:	154	Resp:	60560
Ion Ratio	Lower	Upper	
154	100		
153	37.3	32.0	48.0
76	11.2	8.4	12.6





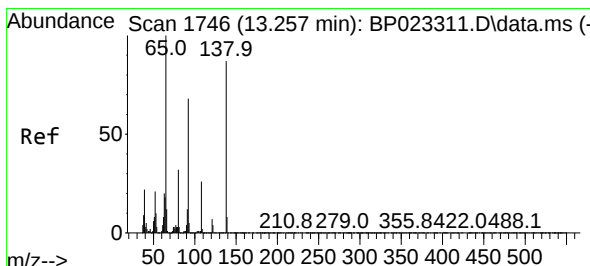
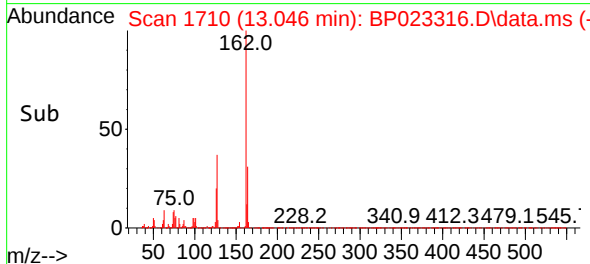
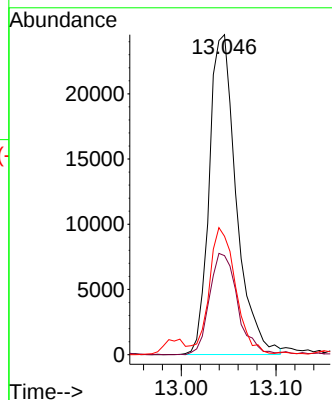
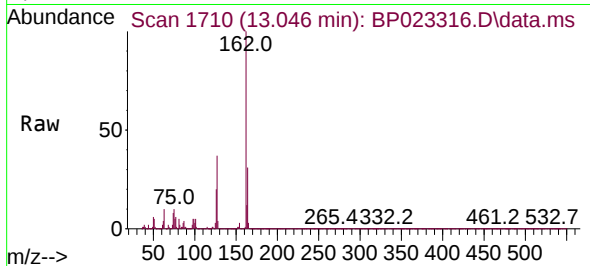
#44
2-Chloronaphthalene
Concen: 4.377 ng/ul
RT: 13.046 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion:162 Resp: 4871
Ion Ratio Lower Upper
162 100
164 31.0 26.6 40.0
127 37.0 30.2 45.2

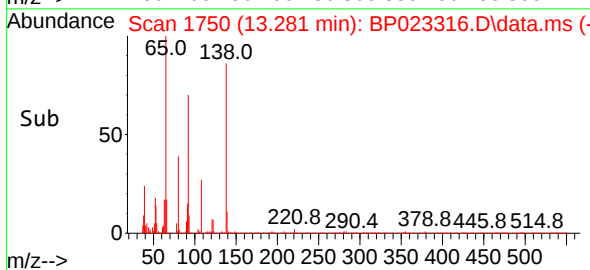
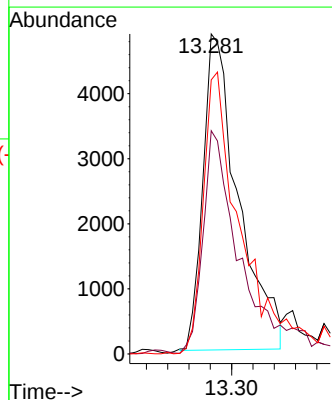
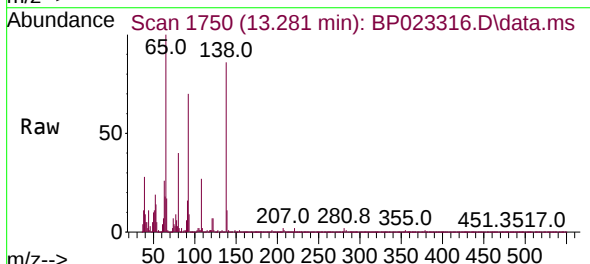
Manual Integrations
APPROVED

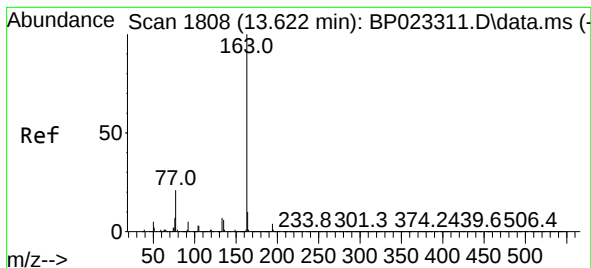
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#45
2-Nitroaniline
Concen: 3.600 ng/ul
RT: 13.281 min Scan# 1750
Delta R.T. 0.012 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion: 65 Resp: 11251
Ion Ratio Lower Upper
65 100
92 69.7 54.2 81.2
138 85.7 65.1 97.7





#47

Dimethylphthalate

Concen: 4.577 ng/ul

RT: 13.628 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2024-08

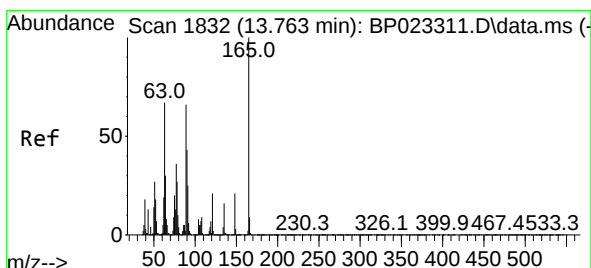
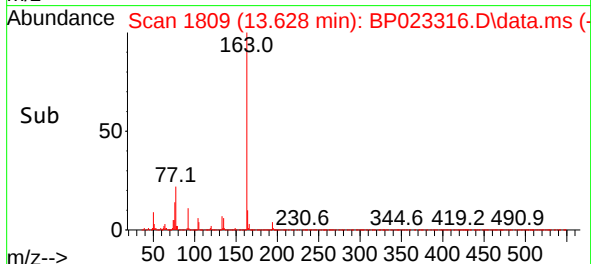
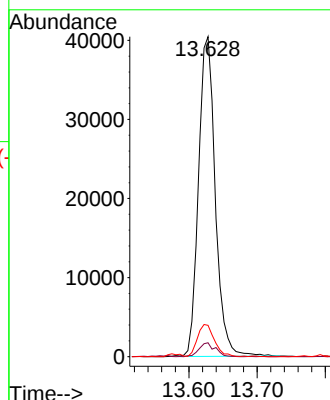
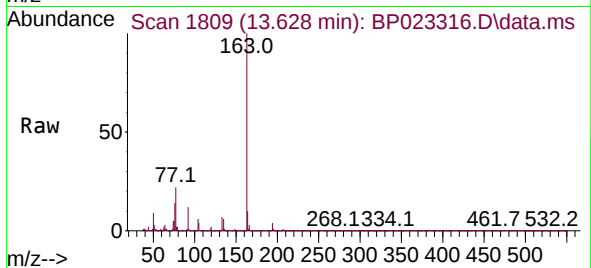
Tgt Ion:	163	Resp:	69130
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.8	5.6
164	9.8	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2,6-Dinitrotoluene

Concen: 3.991 ng/ul

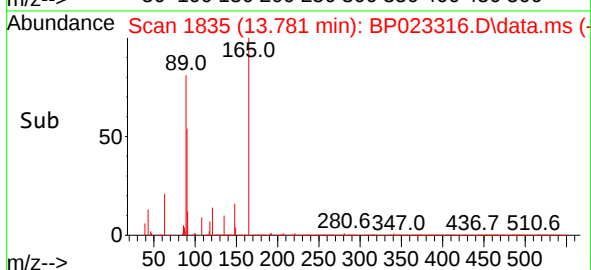
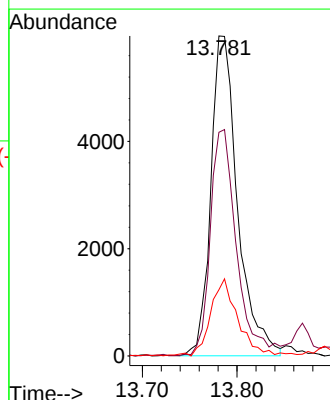
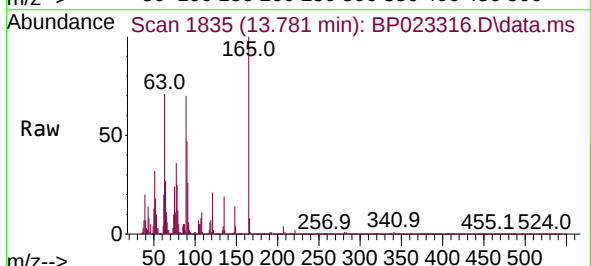
RT: 13.781 min Scan# 1835

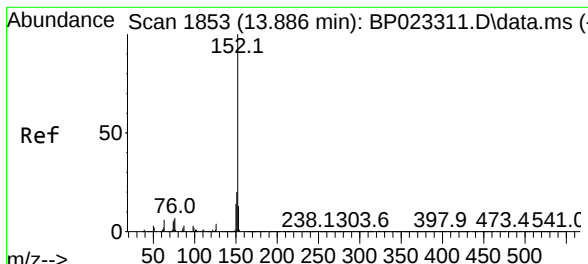
Delta R.T. 0.000 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Tgt Ion:	165	Resp:	11724
Ion Ratio	Lower	Upper	
165	100		
89	69.9	50.6	75.8
121	20.7	15.8	23.8



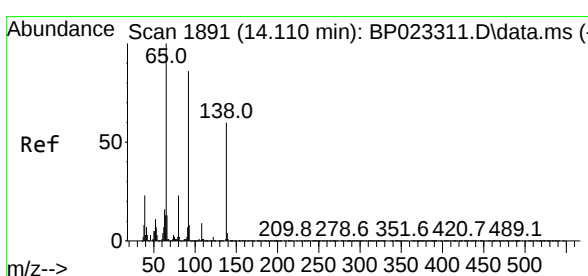
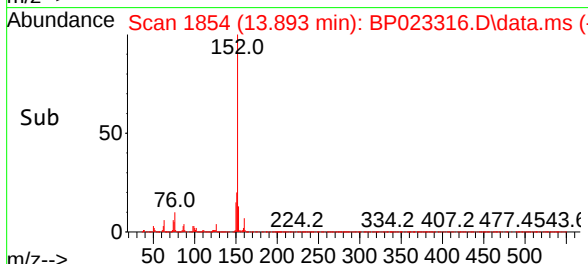
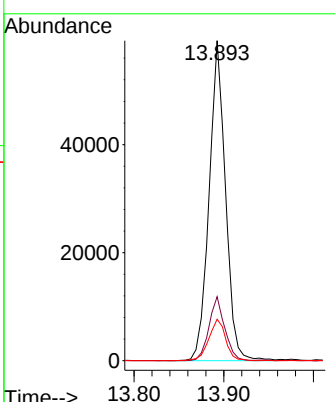
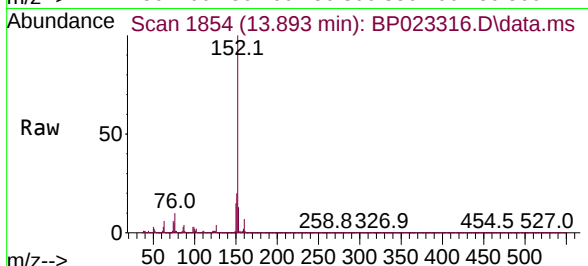


#50
 Acenaphthylene
 Concen: 4.650 ng/ul
 RT: 13.893 min Scan# 1854
 Delta R.T. -0.012 min
 Lab File: BP023316.D
 Acq: 25 Nov 2024 15:00

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

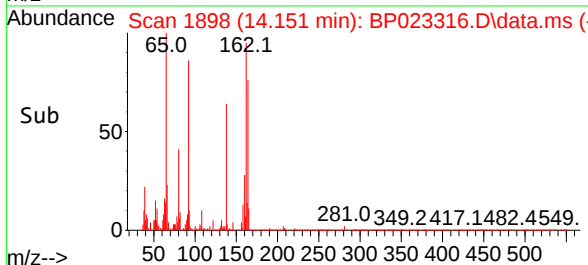
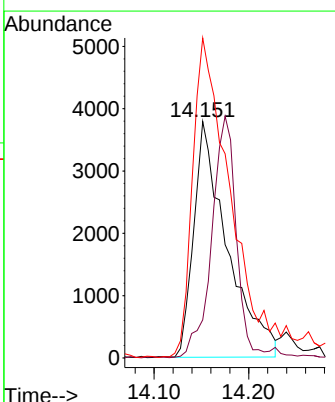
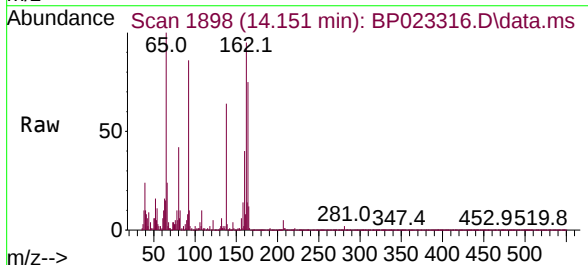
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.0	10.2	15.2

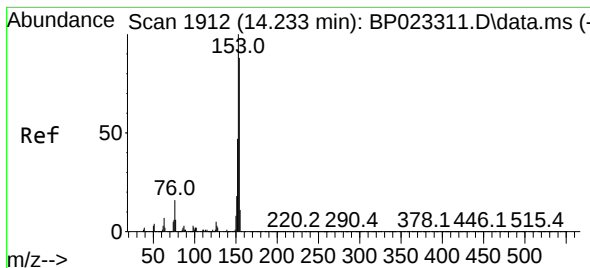
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#51
 3-Nitroaniline
 Concen: 3.673 ng/ul
 RT: 14.151 min Scan# 1898
 Delta R.T. 0.024 min
 Lab File: BP023316.D
 Acq: 25 Nov 2024 15:00

Tgt Ion	Ratio	Lower	Upper
138	100		
108	16.1	12.7	19.1
92	135.3	107.8	161.8





#52

Acenaphthene

Concen: 4.553 ng/ul

RT: 14.234 min Scan# 1912

Delta R.T. -0.012 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2024-08

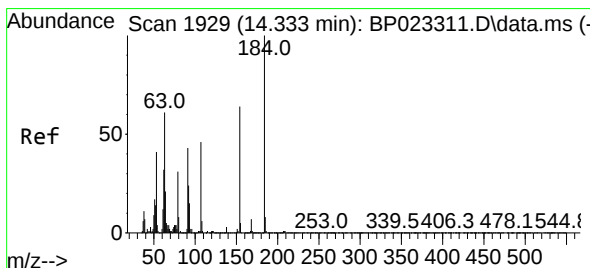
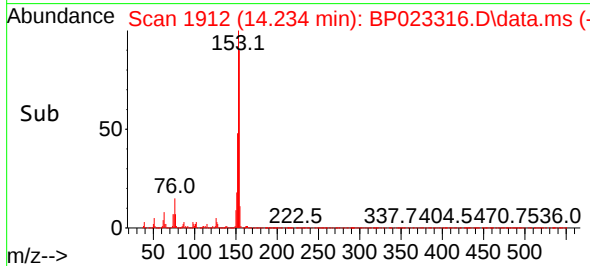
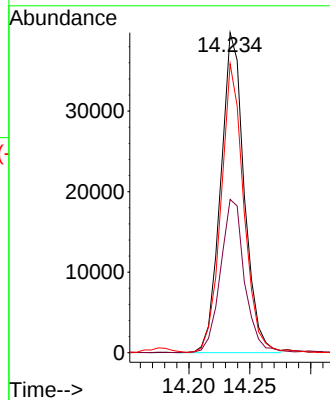
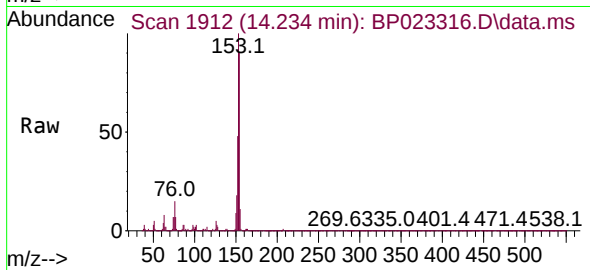
Tgt Ion:	153	Resp:	5339
Ion Ratio	Lower	Upper	
153	100		
152	47.9	39.6	59.4
154	90.3	70.9	106.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#53

2,4-Dinitrophenol

Concen: 5.787 ng/ul

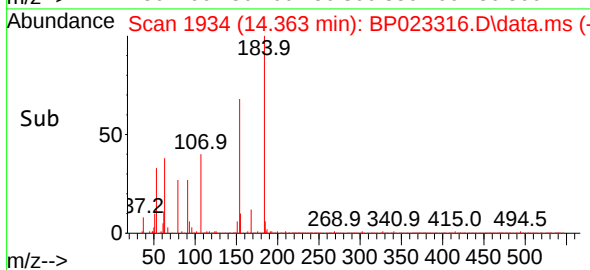
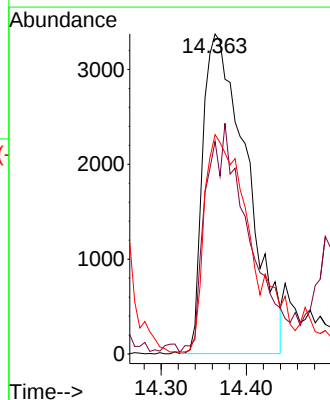
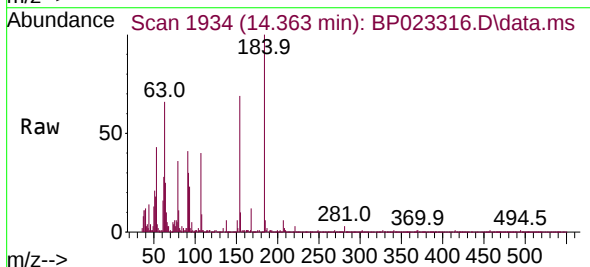
RT: 14.363 min Scan# 1934

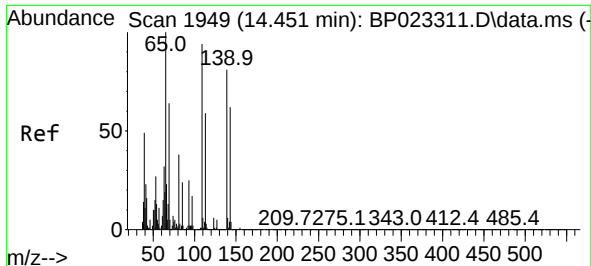
Delta R.T. 0.012 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

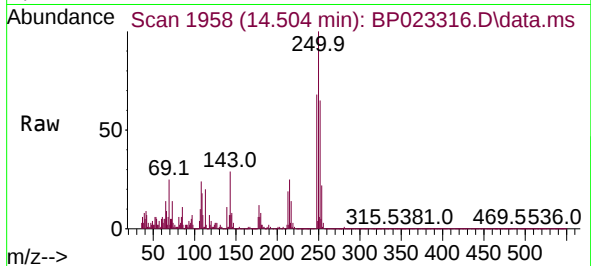
Tgt Ion:	184	Resp:	12063
Ion Ratio	Lower	Upper	
184	100		
63	66.4	50.1	75.1
154	68.5	58.2	87.4





#55
4-Nitrophenol
Concen: 3.605 ng/ul m
RT: 14.504 min Scan# 1958
Delta R.T. 0.030 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

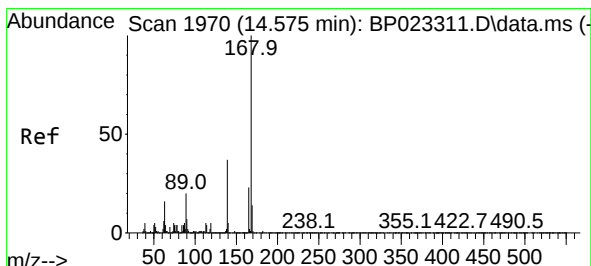
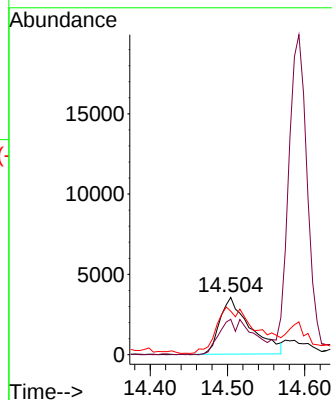
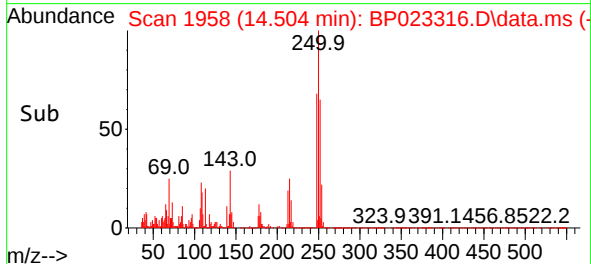
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-08



Tgt Ion:109 Resp: 9708
Ion Ratio Lower Upper
109 100
139 61.5 64.6 96.8
65 76.0 80.6 120.8

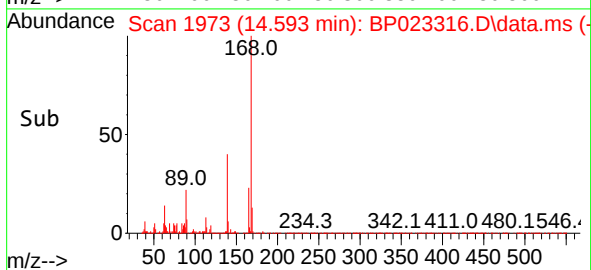
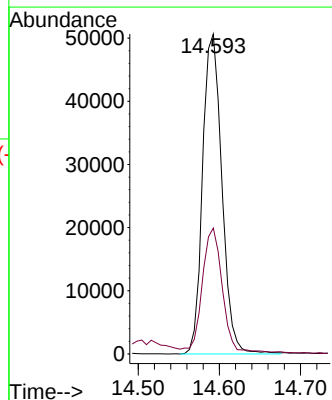
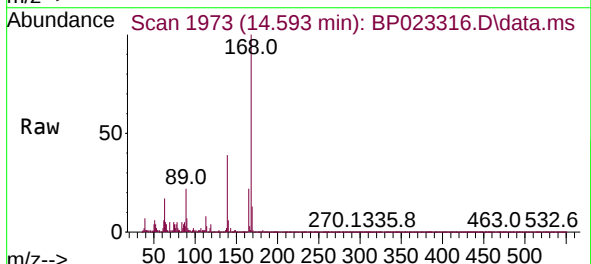
Manual Integrations
APPROVED

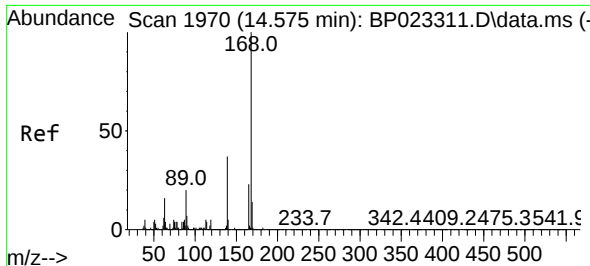
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
Dibenzofuran
Concen: 4.606 ng/ul
RT: 14.593 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion:168 Resp: 83452
Ion Ratio Lower Upper
168 100
139 39.3 29.7 44.5





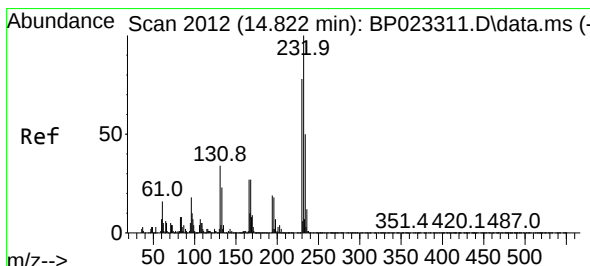
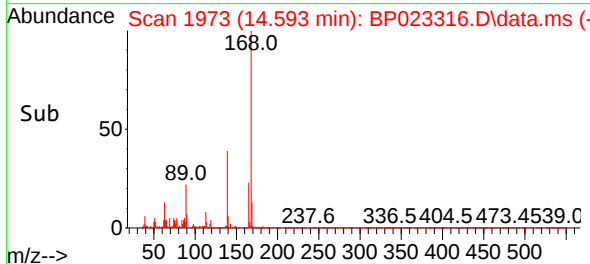
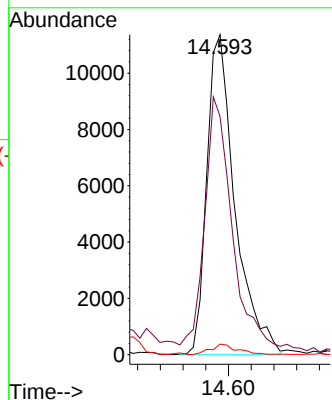
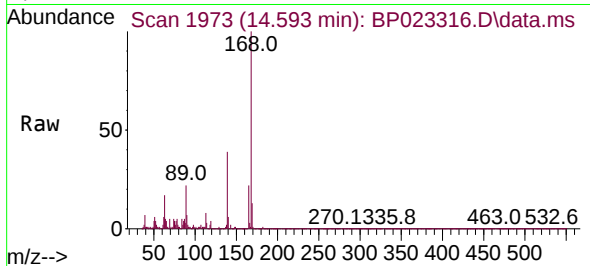
#57
2,4-Dinitrotoluene
Concen: 4.177 ng/ul
RT: 14.593 min Scan# 1970
Delta R.T. 0.006 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion:165 Resp: 1955
Ion Ratio Lower Upper
165 100
63 74.5 41.3 61.9
182 3.3 2.5 3.7

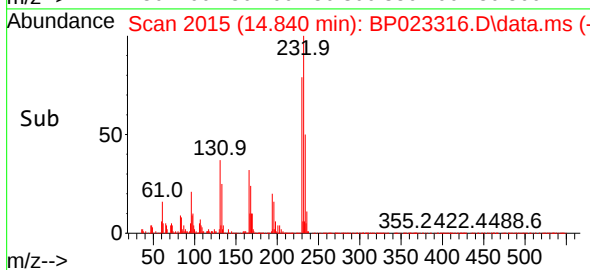
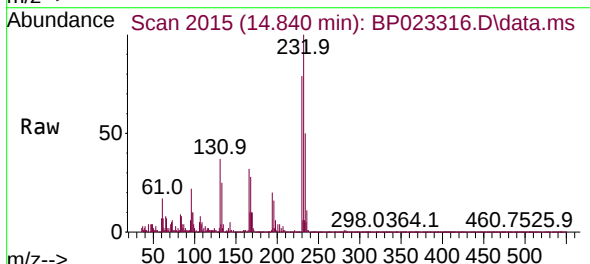
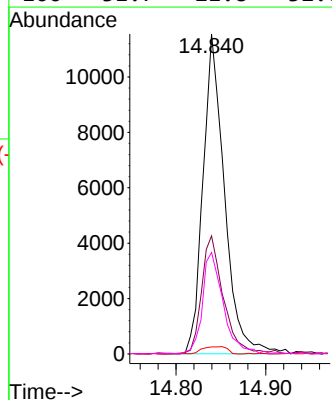
Manual Integrations
APPROVED

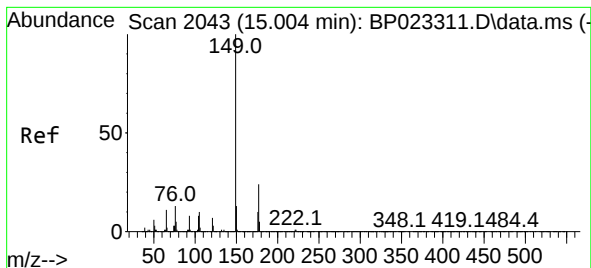
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.165 ng/ul
RT: 14.840 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion:232 Resp: 19173
Ion Ratio Lower Upper
232 100
131 36.9 27.0 40.6
130 2.2 1.9 2.9
166 31.7 21.8 32.6





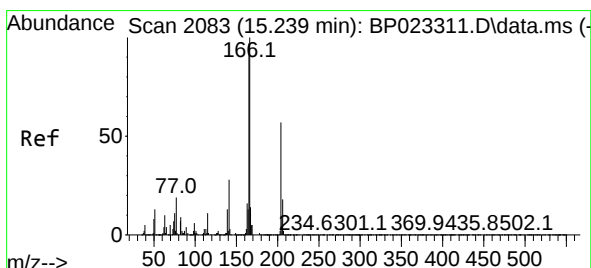
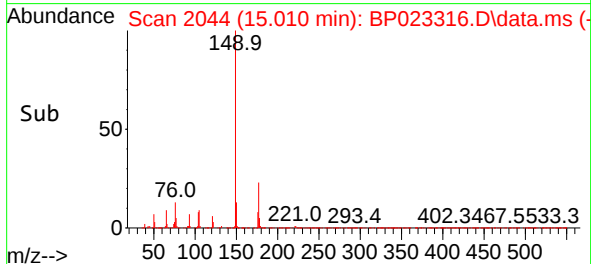
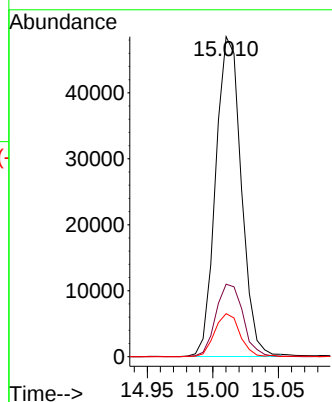
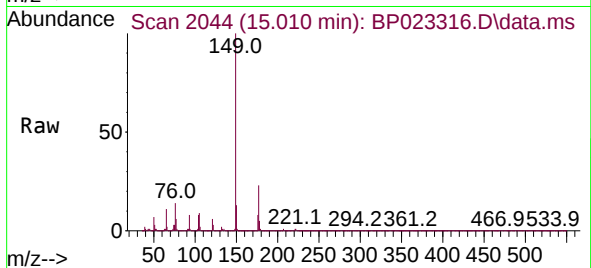
#59
Diethylphthalate
Concen: 4.404 ng/ul
RT: 15.010 min Scan# 2044
Delta R.T. -0.017 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion:149 Resp: 65785
Ion Ratio Lower Upper
149 100
177 22.7 19.7 29.5
150 13.5 9.8 14.6

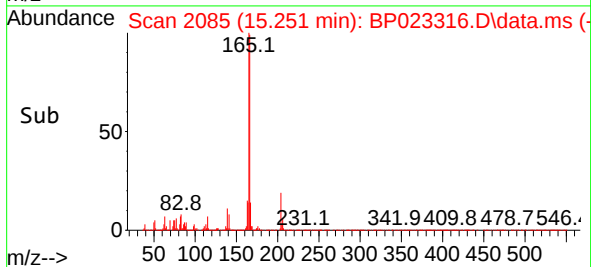
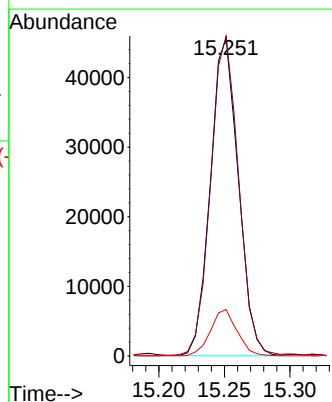
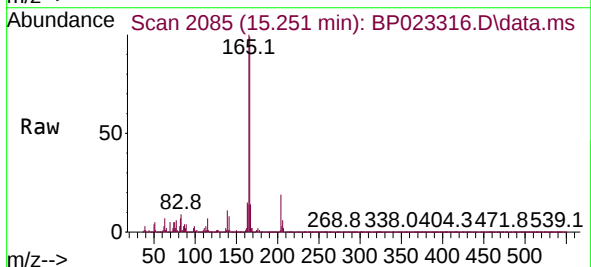
Manual Integrations
APPROVED

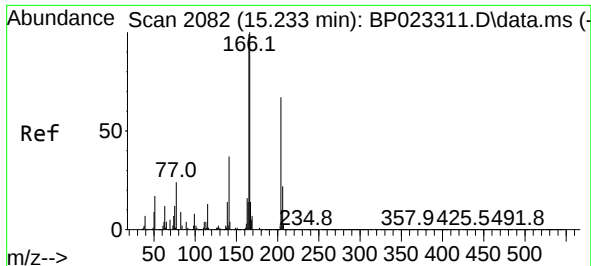
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#61
Fluorene
Concen: 4.562 ng/ul
RT: 15.251 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion:166 Resp: 67650
Ion Ratio Lower Upper
166 100
165 100.7 79.5 119.3
167 14.6 10.3 15.5





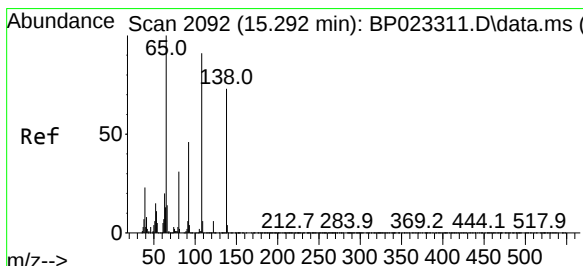
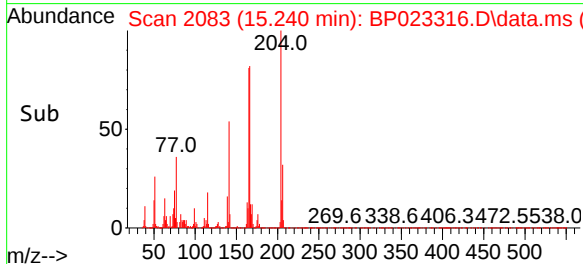
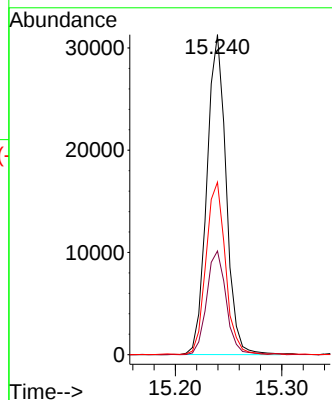
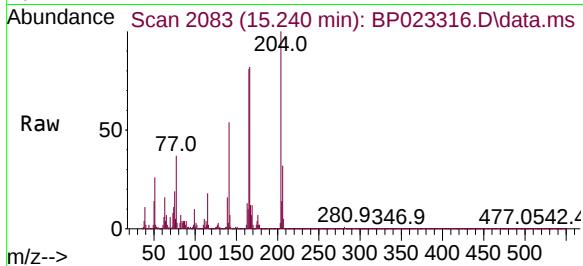
#62
4-Chlorophenyl-phenylether
Concen: 4.513 ng/ul
RT: 15.240 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion:204 Resp: 3941
Ion Ratio Lower Upper
204 100
206 32.4 27.2 40.8
141 53.9 44.6 66.8

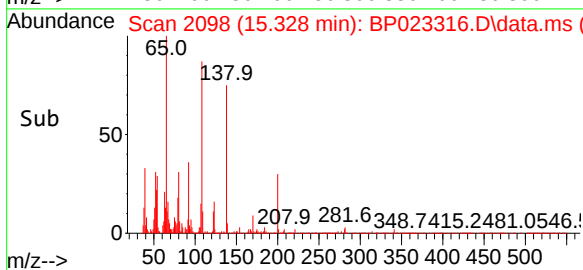
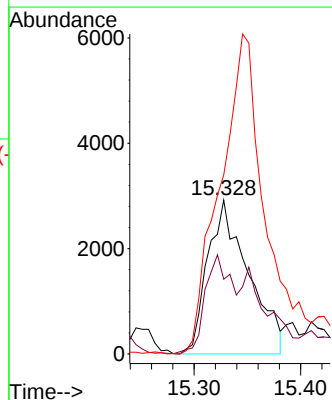
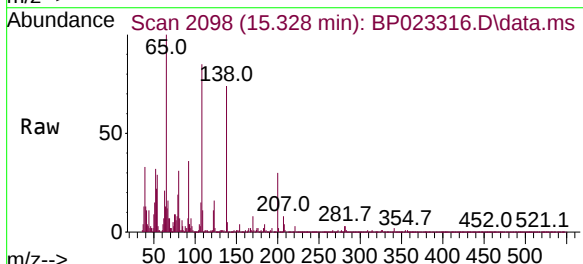
Manual Integrations
APPROVED

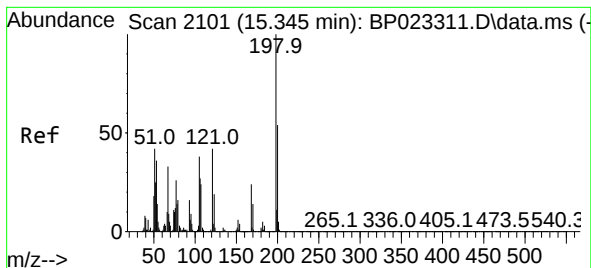
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#63
4-Nitroaniline
Concen: 3.306 ng/ul
RT: 15.328 min Scan# 2098
Delta R.T. 0.024 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion:138 Resp: 7784
Ion Ratio Lower Upper
138 100
92 48.6 53.9 80.9#
108 116.2 106.6 159.8





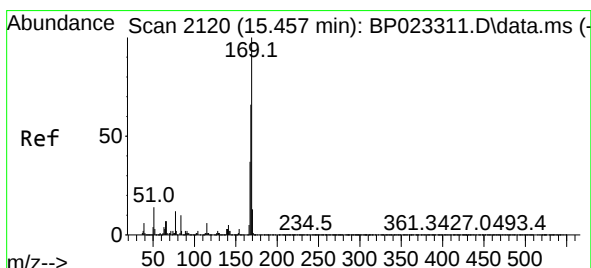
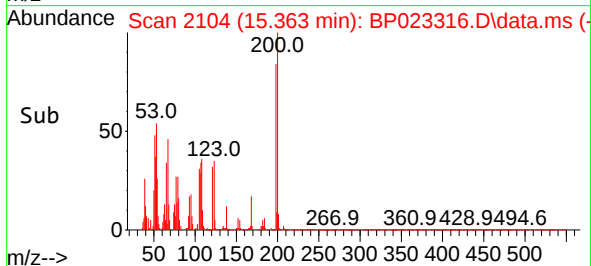
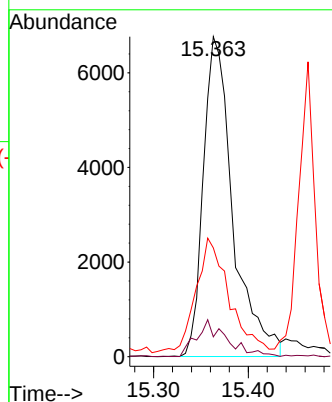
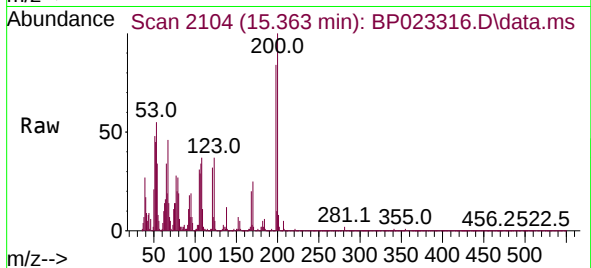
#66
4,6-Dinitro-2-methylphenol
Concen: 4.164 ng/ul
RT: 15.363 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion:198 Resp: 1468
Ion Ratio Lower Upper
198 100
182 6.2 3.8 5.8
77 34.0 20.0 30.0

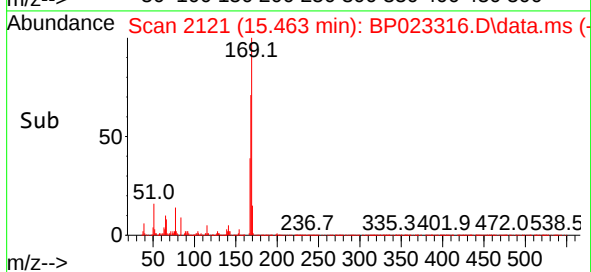
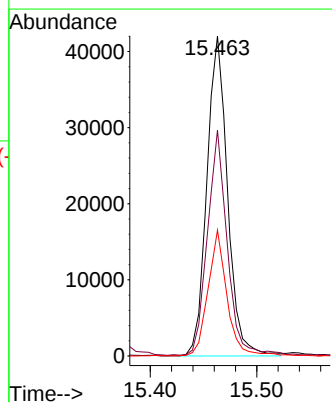
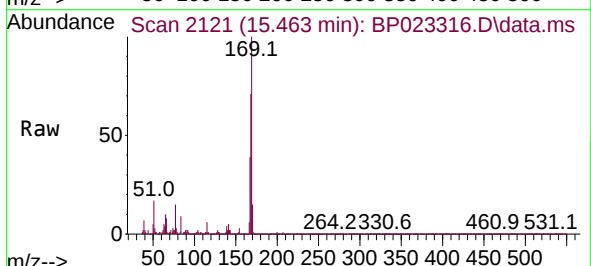
Manual Integrations
APPROVED

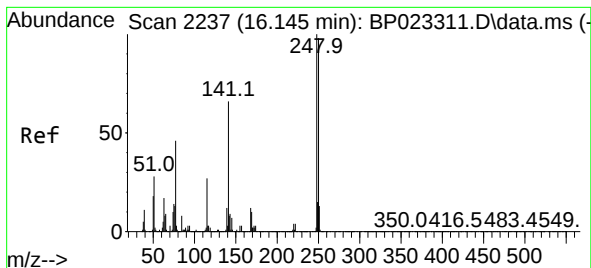
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#67
N-Nitrosodiphenylamine
Concen: 4.472 ng/ul
RT: 15.463 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

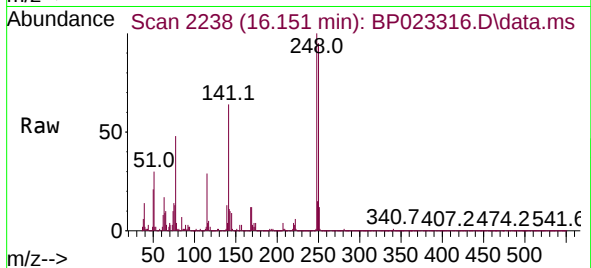
Tgt Ion:169 Resp: 56937
Ion Ratio Lower Upper
169 100
168 70.6 53.4 80.0
167 39.3 29.4 44.2





#68
4-Bromophenyl-phenylether
Concen: 4.103 ng/ul
RT: 16.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

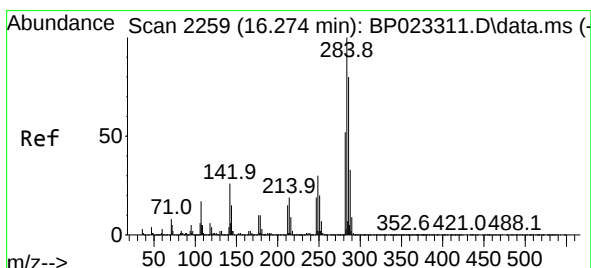
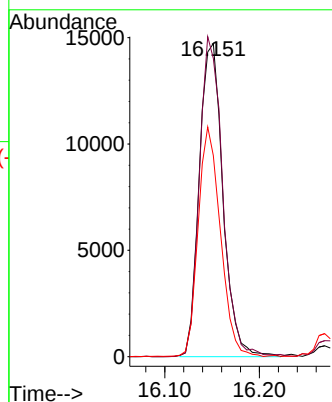
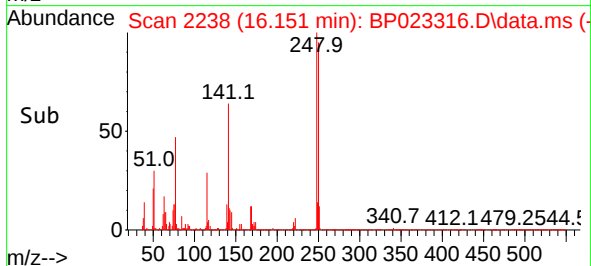
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2024-08



Tgt Ion:248 Resp: 2560
Ion Ratio Lower Upper
248 100
250 95.3 77.1 115.7
141 64.2 50.7 76.1

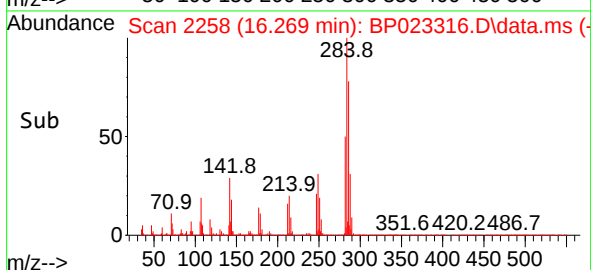
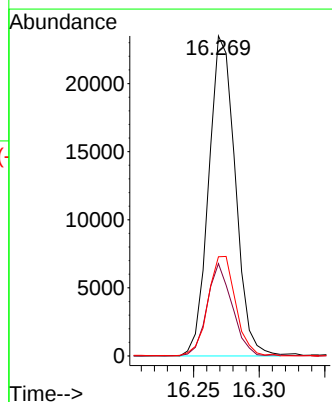
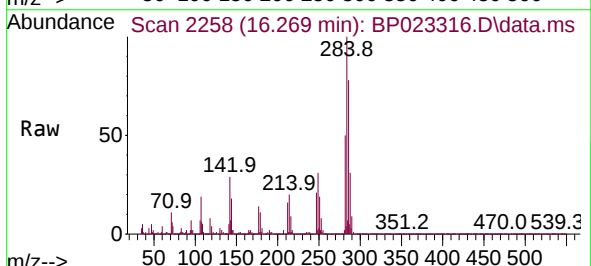
Manual Integrations
APPROVED

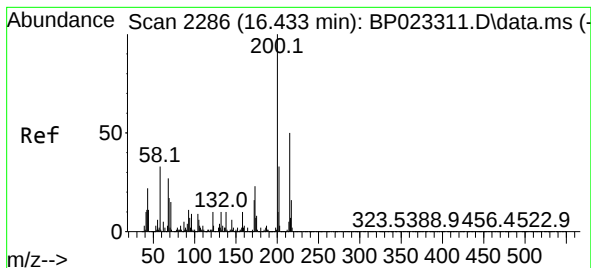
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#69
Hexachlorobenzene
Concen: 4.216 ng/ul
RT: 16.269 min Scan# 2258
Delta R.T. -0.017 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion:284 Resp: 33117
Ion Ratio Lower Upper
284 100
142 28.8 21.5 32.3
249 31.0 25.6 38.4





#70

Atrazine

Concen: 4.327 ng/ul

RT: 16.445 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2024-08

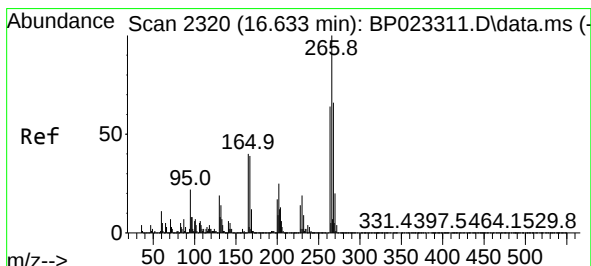
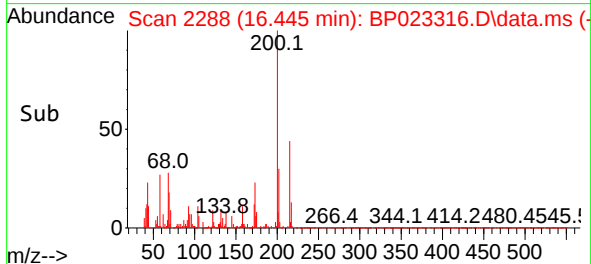
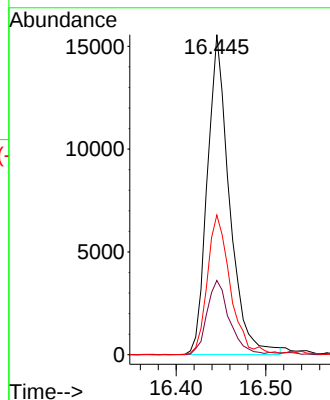
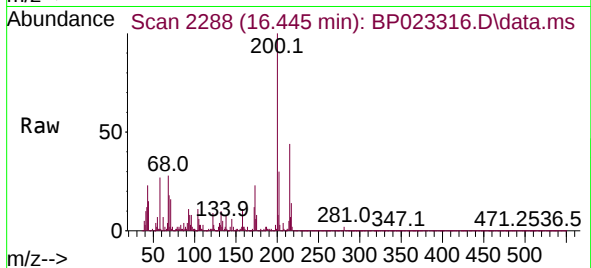
Tgt Ion:200	Resp:	26630
Ion Ratio	Lower	Upper
200	100	
173	23.2	18.6 27.8
215	43.7	38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#71

Pentachlorophenol

Concen: 6.377 ng/ul

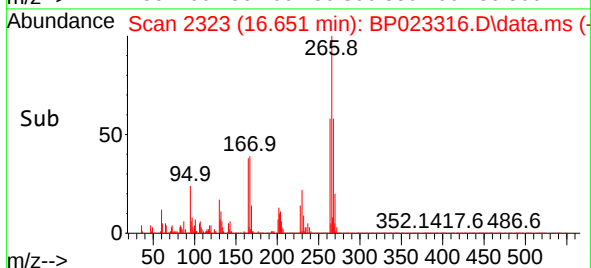
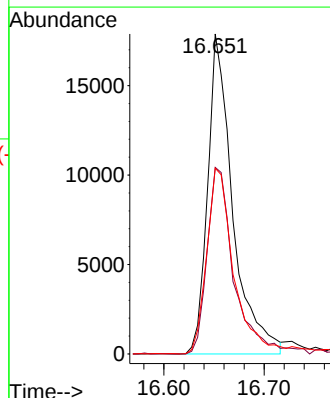
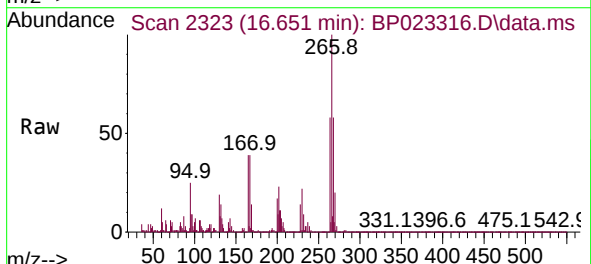
RT: 16.651 min Scan# 2323

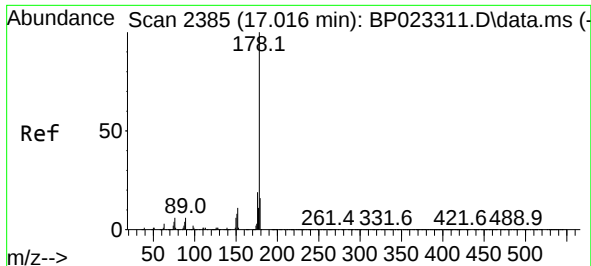
Delta R.T. -0.012 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Tgt Ion:266	Resp:	31098
Ion Ratio	Lower	Upper
266	100	
264	58.3	50.7 76.1
268	58.1	51.9 77.9





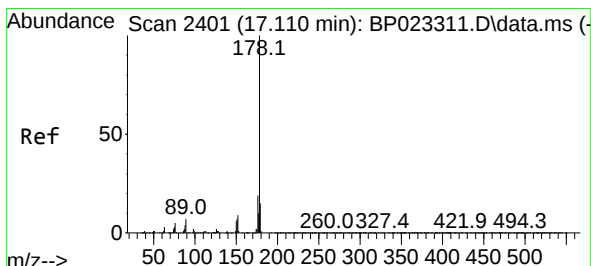
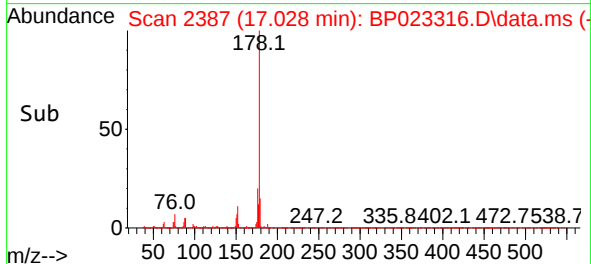
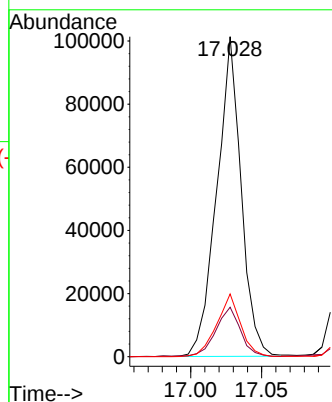
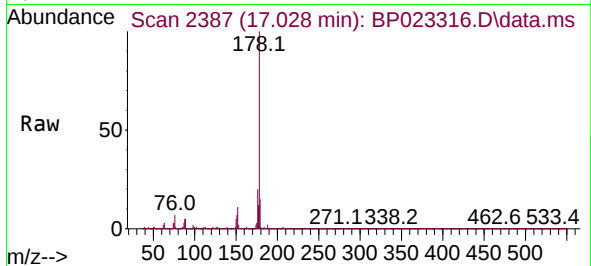
#72
Phenanthrene
Concen: 4.626 ng/ul
RT: 17.028 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion:178 Resp: 12036
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.6 15.4 23.2

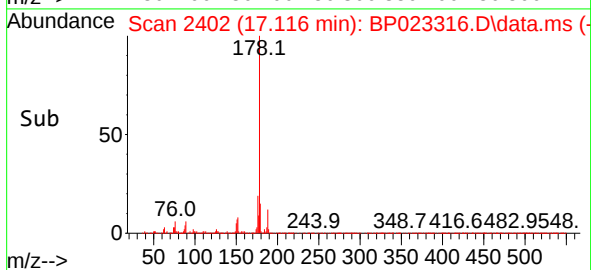
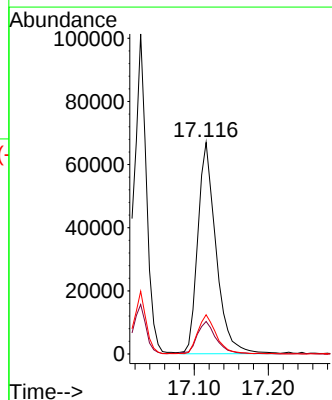
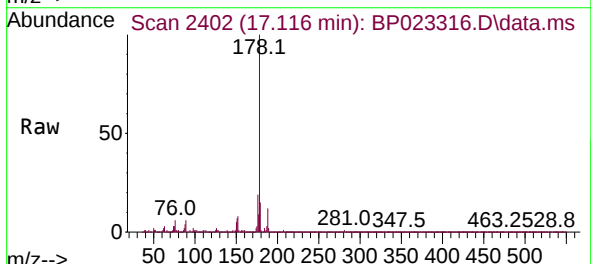
Manual Integrations
APPROVED

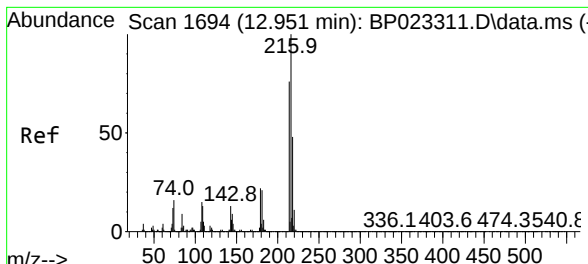
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#74
Anthracene
Concen: 4.369 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.012 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion:178 Resp: 114285
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 18.5 14.5 21.7



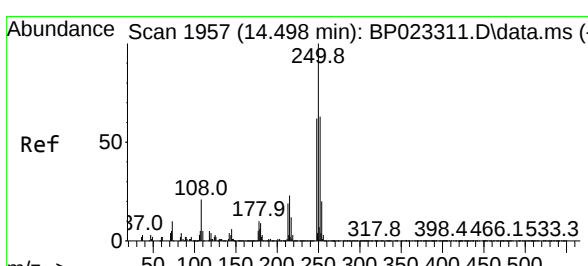
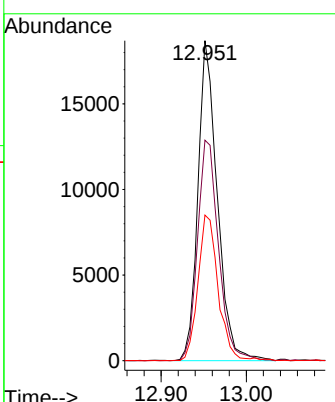
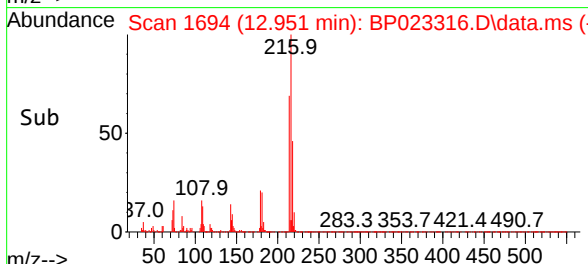
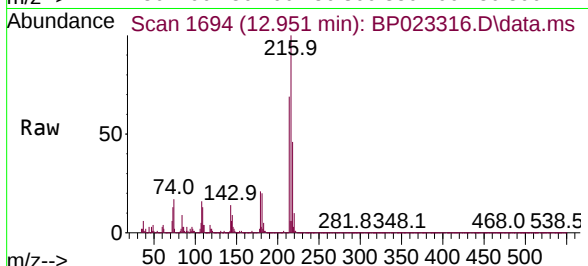


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.061 ng/uL
 RT: 12.951 min Scan# 1694
 Delta R.T. -0.017 min
 Lab File: BP023316.D
 Acq: 25 Nov 2024 15:00

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

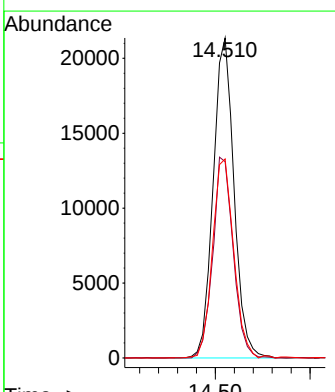
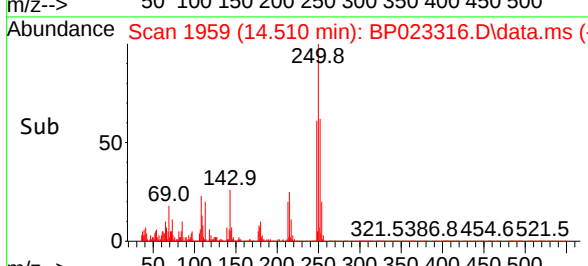
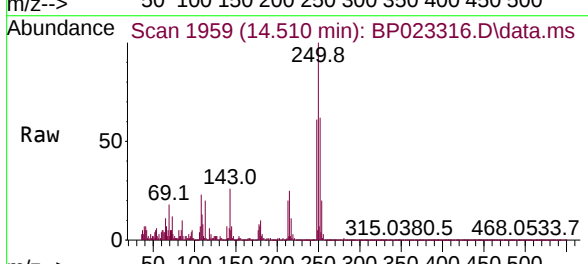
Tgt Ion:	216	Resp:	2954
Ion Ratio	Lower	Upper	
216	100		
214	68.9	60.2	90.2
218	45.5	38.1	57.1

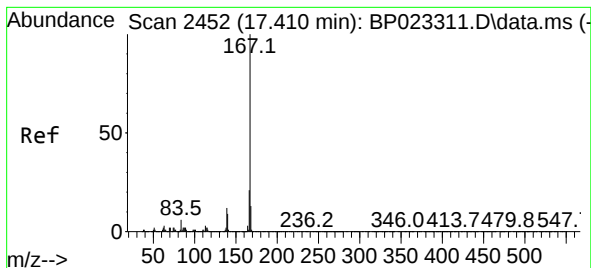
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#76
 Pentachlorobenzene
 Concen: 3.925 ng/uL
 RT: 14.510 min Scan# 1959
 Delta R.T. -0.006 min
 Lab File: BP023316.D
 Acq: 25 Nov 2024 15:00

Tgt Ion:	250	Resp:	32609
Ion Ratio	Lower	Upper	
250	100		
248	61.3	52.2	78.2
252	62.2	50.1	75.1





#77

Carbazole

Concen: 4.011 ng/ul

RT: 17.422 min Scan# 2452

Delta R.T. -0.006 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2024-08

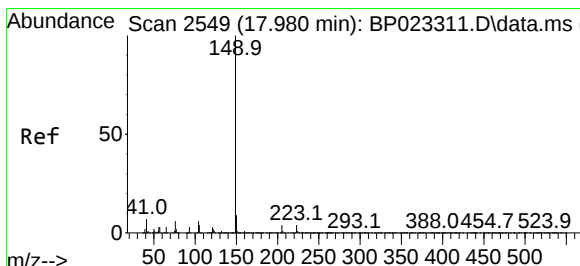
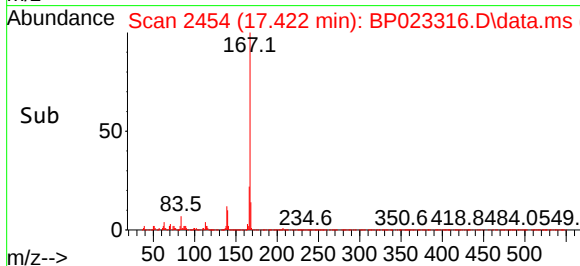
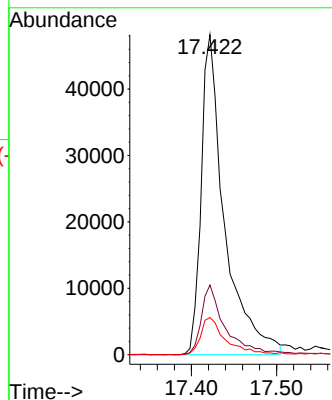
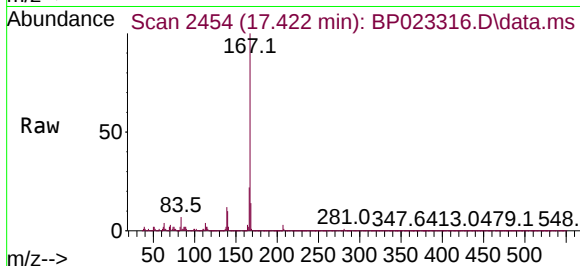
Tgt Ion:	167	Resp:	91534
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	11.6	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#78

Di-n-butylphthalate

Concen: 4.210 ng/ul

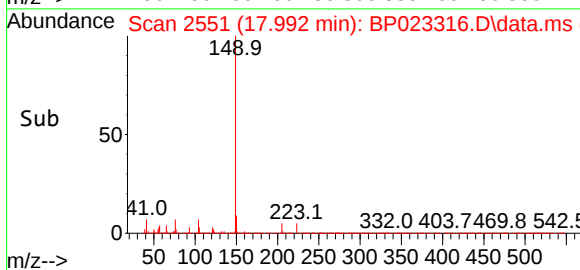
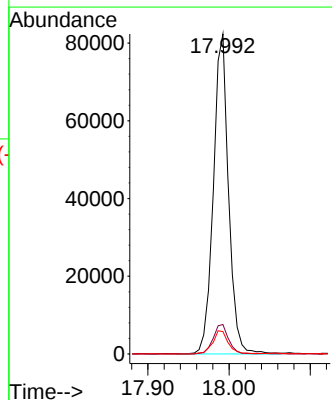
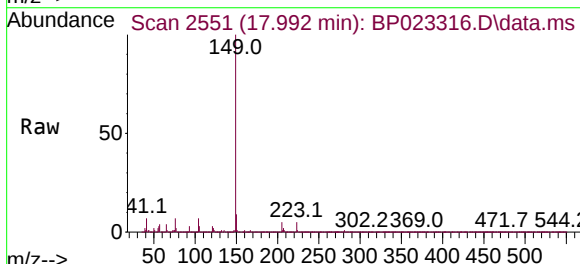
RT: 17.992 min Scan# 2551

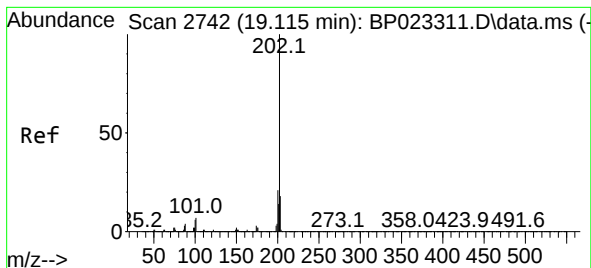
Delta R.T. -0.017 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Tgt Ion:	149	Resp:	106627
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	7.0	5.0	7.4





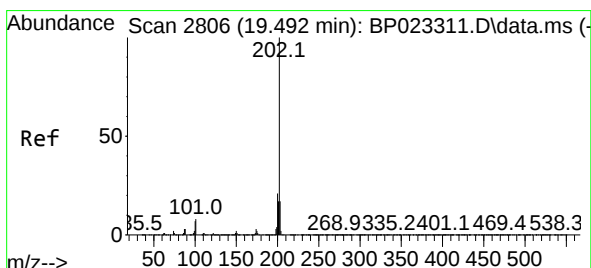
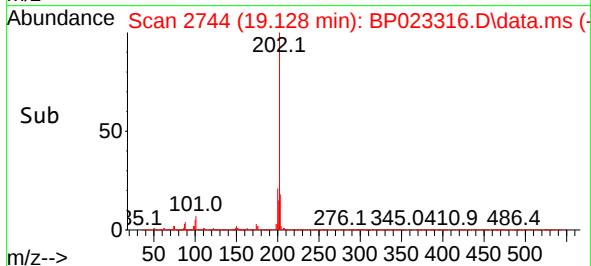
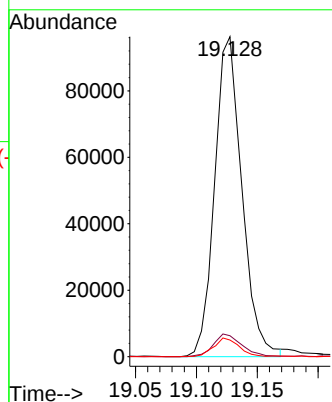
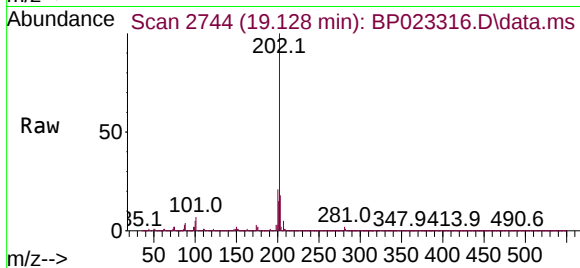
#80
Fluoranthene
Concen: 4.250 ng/ul
RT: 19.128 min Scan# 2742
Delta R.T. -0.012 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion:202 Resp: 149818
Ion Ratio Lower Upper
202 100
101 6.6 5.2 7.8
100 5.2 4.1 6.1

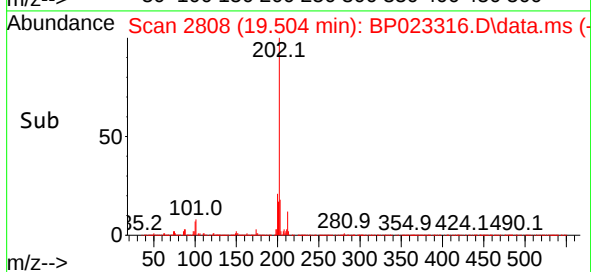
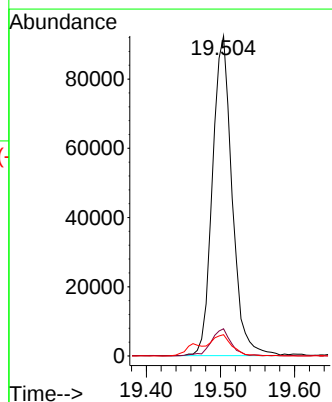
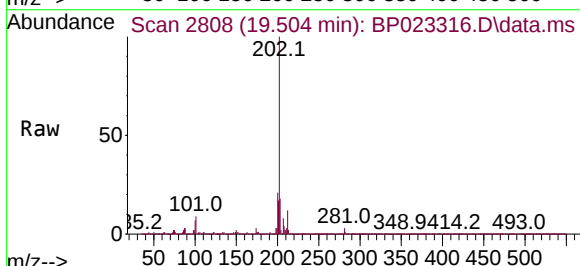
Manual Integrations
APPROVED

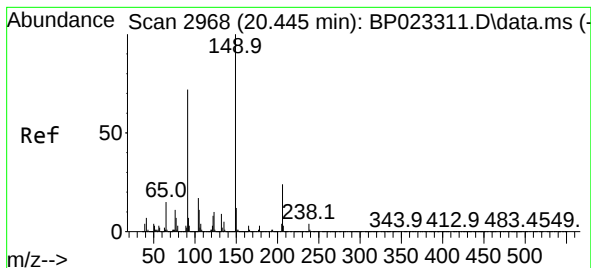
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#82
Pyrene
Concen: 4.496 ng/ul
RT: 19.504 min Scan# 2808
Delta R.T. -0.012 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion:202 Resp: 170256
Ion Ratio Lower Upper
202 100
101 8.5 6.2 9.2
100 6.7 4.9 7.3





#83

Butylbenzylphthalate

Concen: 4.068 ng/ul

RT: 20.451 min Scan# 2968

Delta R.T. -0.012 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2024-08

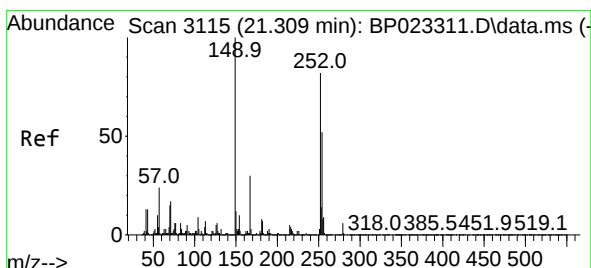
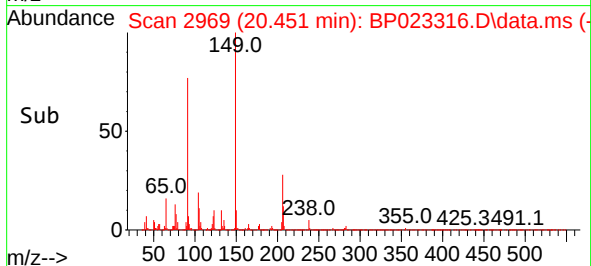
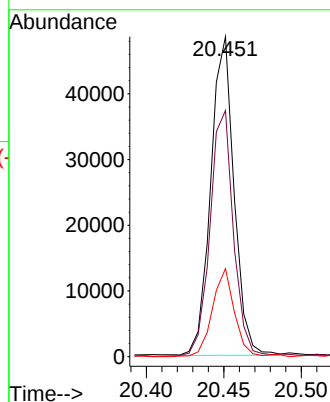
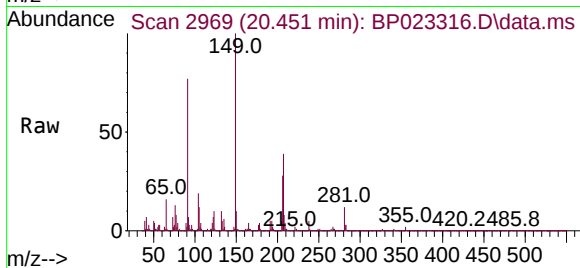
Tgt Ion:	149	Resp:	50710
Ion Ratio	Lower	Upper	
149	100		
91	77.0	55.6	83.4
206	27.5	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

3,3'-Dichlorobenzidine

Concen: 3.244 ng/ul

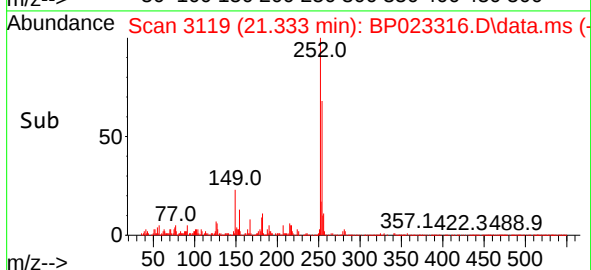
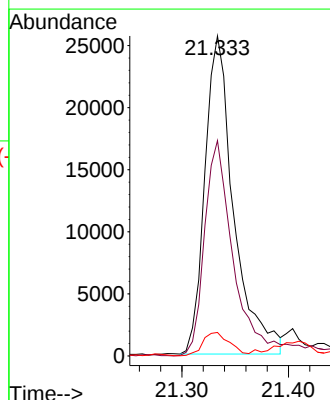
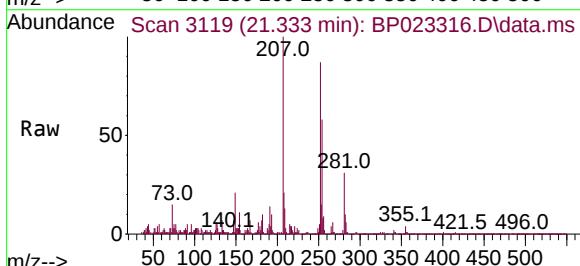
RT: 21.333 min Scan# 3119

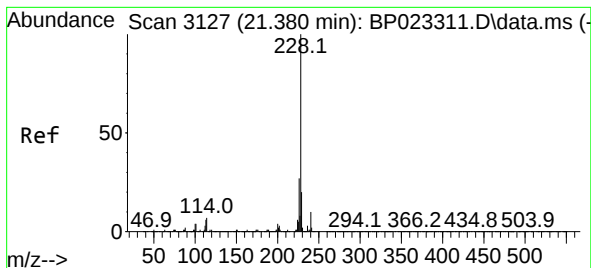
Delta R.T. -0.006 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Tgt Ion:	252	Resp:	48371
Ion Ratio	Lower	Upper	
252	100		
254	67.3	52.0	78.0
126	7.4	5.0	7.6





#85

Benzo(a)anthracene

Concen: 4.509 ng/ul

RT: 21.392 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2024-08

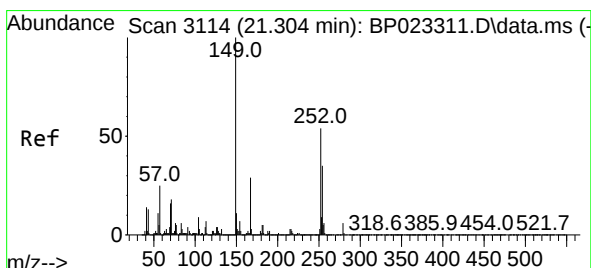
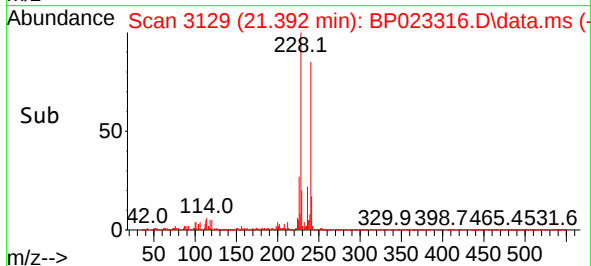
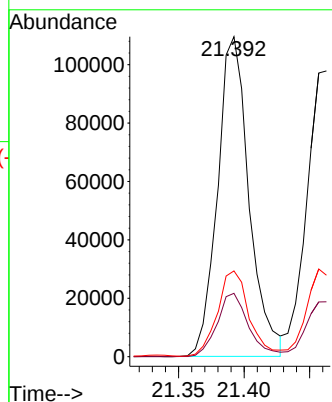
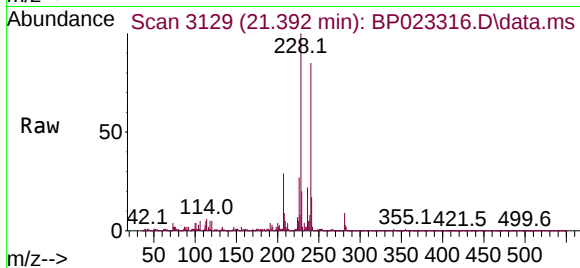
Tgt Ion:	228	Resp:	18288
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.5	23.3
226	26.8	21.9	32.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.224 ng/ul

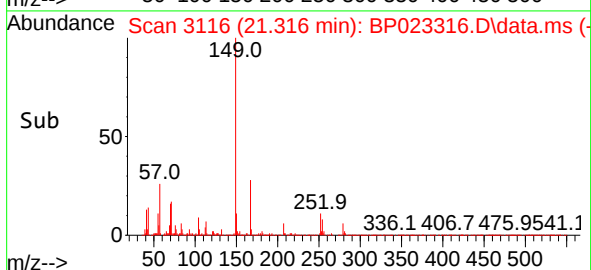
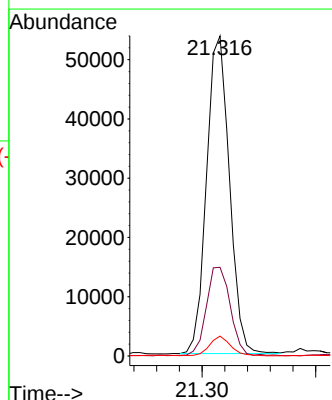
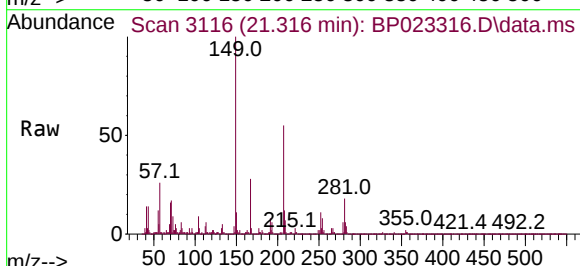
RT: 21.316 min Scan# 3116

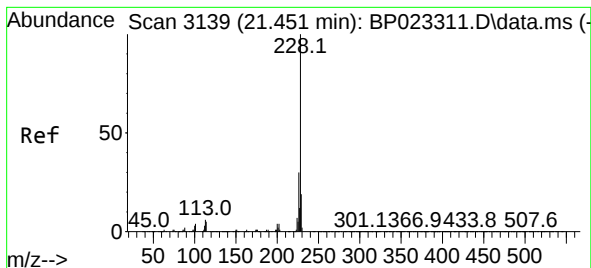
Delta R.T. -0.017 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Tgt Ion:	149	Resp:	74840
Ion Ratio	Lower	Upper	
149	100		
167	27.7	24.5	36.7
279	6.2	5.5	8.3





#87

Chrysene

Concen: 4.445 ng/ul

RT: 21.463 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2024-08

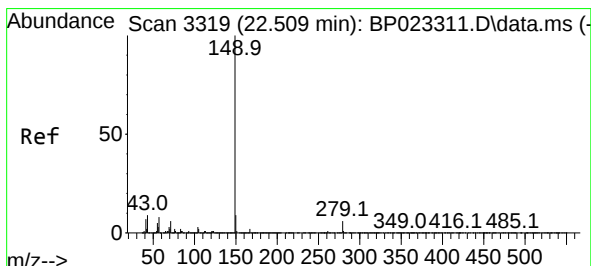
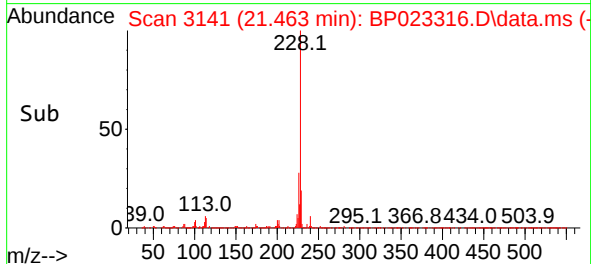
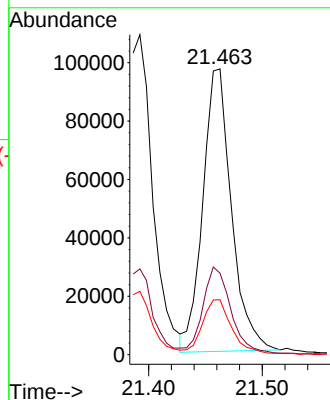
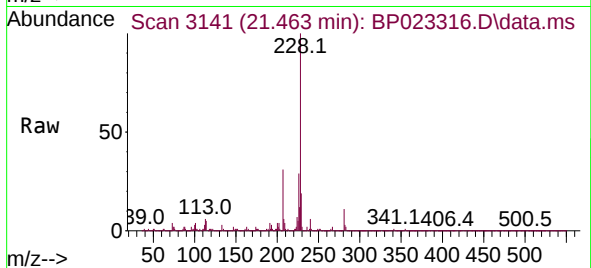
Tgt Ion:228 Resp: 169640
 Ion Ratio Lower Upper
 228 100
 226 28.5 24.2 36.2
 229 19.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#89

Di-n-octyl phthalate

Concen: 4.351 ng/ul

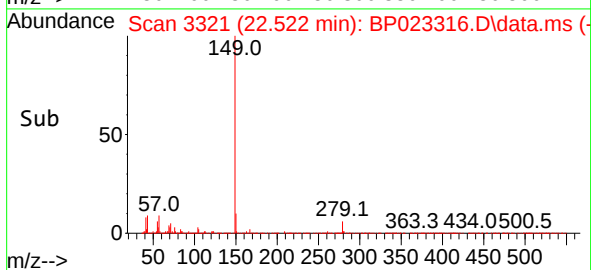
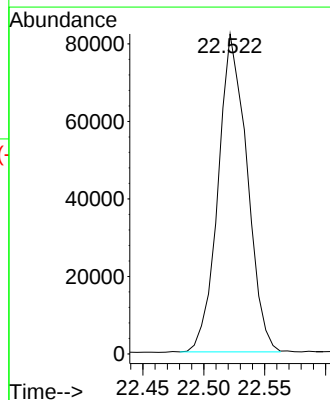
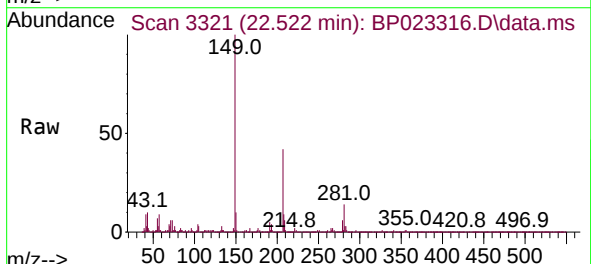
RT: 22.522 min Scan# 3321

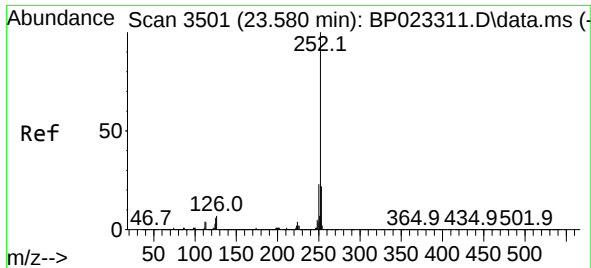
Delta R.T. -0.029 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Tgt Ion:149 Resp: 135662





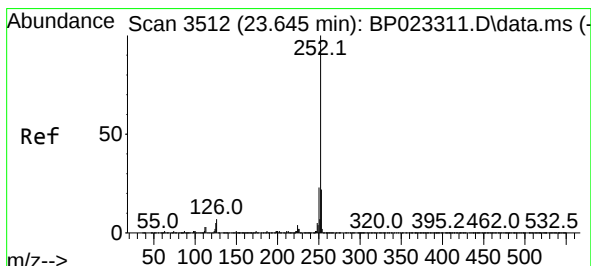
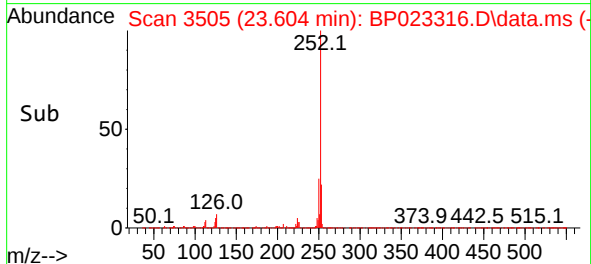
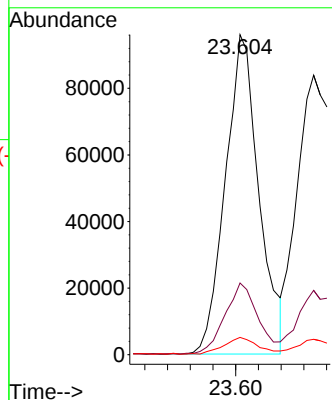
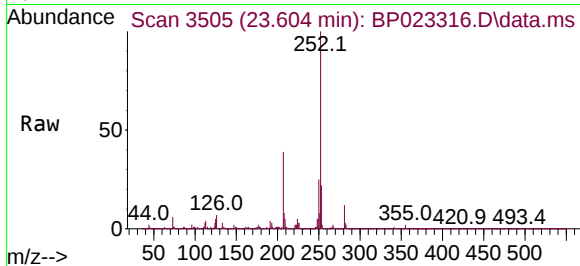
#90
Benzo(b)fluoranthene
Concen: 4.606 ng/ul
RT: 23.604 min Scan# 3505
Delta R.T. -0.023 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

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

Tgt Ion:252 Resp: 197035
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 5.4 3.7 5.5

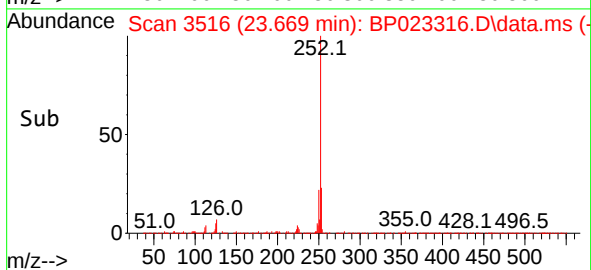
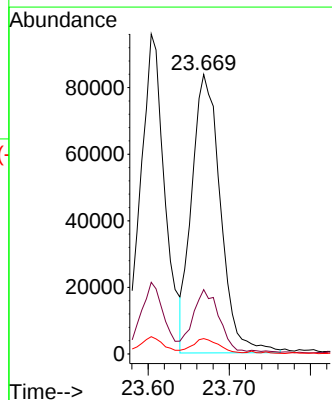
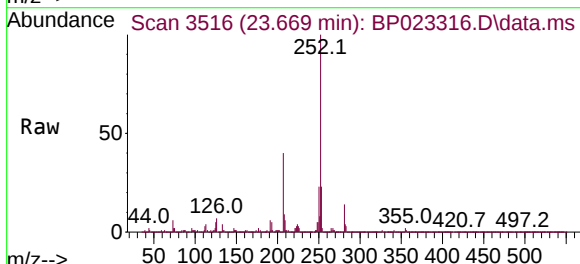
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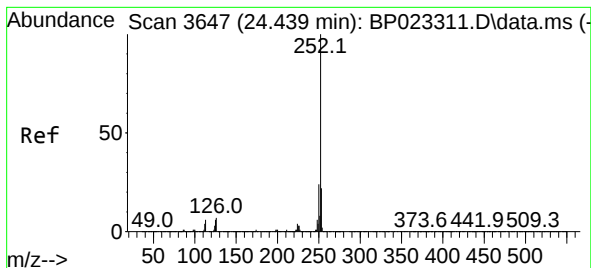
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#91
Benzo(k)fluoranthene
Concen: 4.876 ng/ul
RT: 23.669 min Scan# 3516
Delta R.T. -0.017 min
Lab File: BP023316.D
Acq: 25 Nov 2024 15:00

Tgt Ion:252 Resp: 205337
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 5.5 3.0 4.4#





#93

Benzo(a)pyrene

Concen: 4.256 ng/ul

RT: 24.457 min Scan# 3647

Delta R.T. -0.029 min

Lab File: BP023316.D

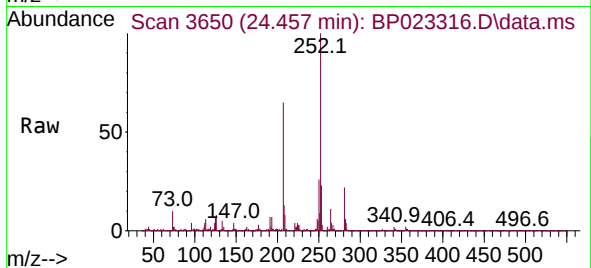
Acq: 25 Nov 2024 15:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2024-08



Tgt Ion:252 Resp: 16458

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

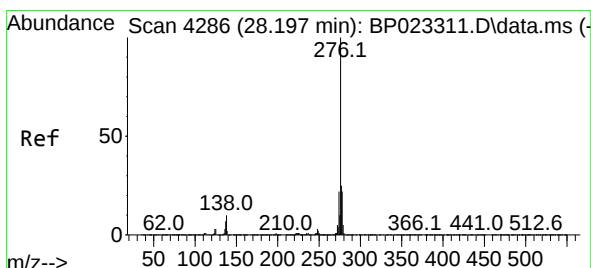
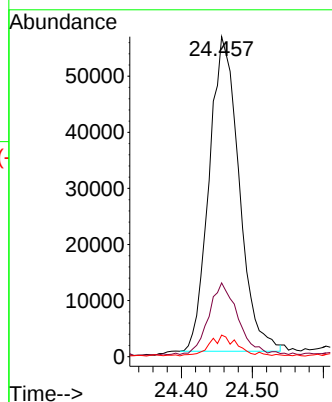
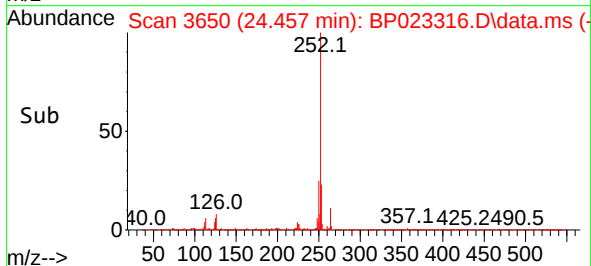
125 6.8 4.2 6.2

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: 4.363 ng/ul m

RT: 28.245 min Scan# 4294

Delta R.T. -0.029 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

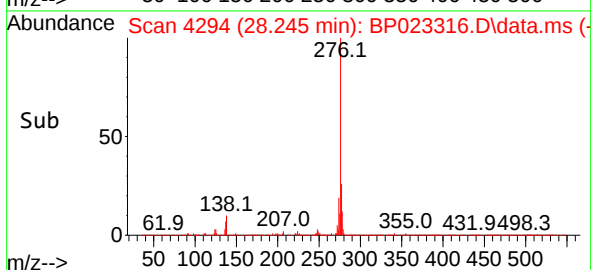
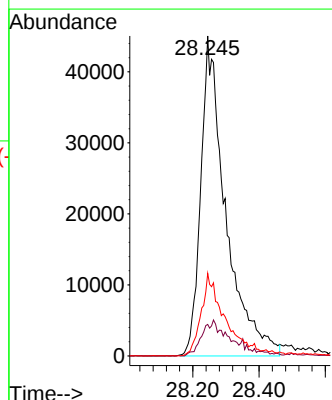
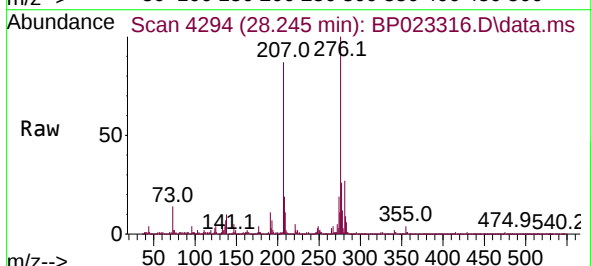
Tgt Ion:276 Resp: 235071

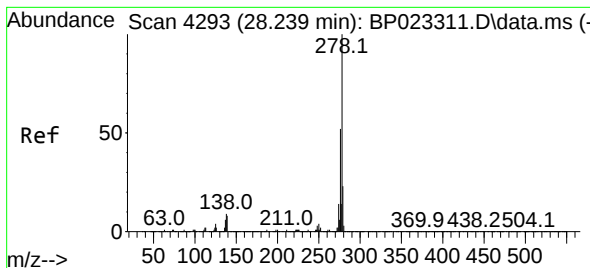
Ion Ratio Lower Upper

276 100

138 9.8 7.0 10.4

277 25.8 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 4.230 ng/ul m

RT: 28.309 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2024-08

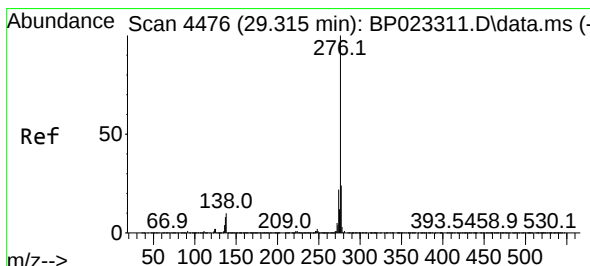
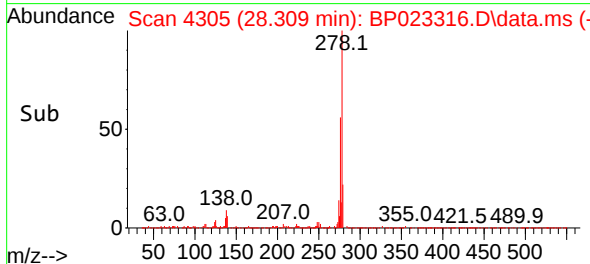
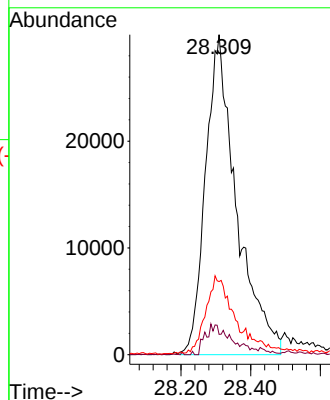
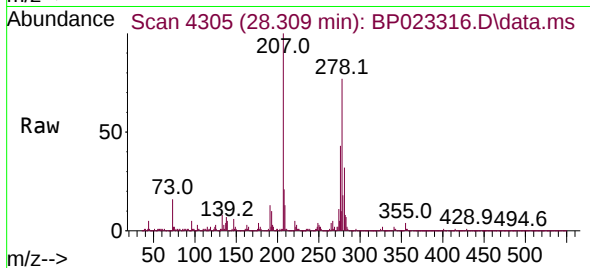
Tgt Ion:	278	Resp:	185029
Ion Ratio	Lower	Upper	
278	100		
139	6.4	5.4	8.0
279	22.9	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#96

Benzo(g,h,i)perylene

Concen: 4.459 ng/ul m

RT: 29.404 min Scan# 4491

Delta R.T. -0.006 min

Lab File: BP023316.D

Acq: 25 Nov 2024 15:00

Tgt Ion:	276	Resp:	182488
Ion Ratio	Lower	Upper	
276	100		
138	9.5	7.1	10.7
277	23.3	19.4	29.2

