

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102323\
 Data File : BP017749.D
 Acq On : 23 Oct 2023 12:17
 Operator : MA/JU
 Sample : 04696-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT4-2023-08

Quant Time: Oct 23 13:02:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	111376	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	434959	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	253062	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	513333	20.000	ng/u1	# 0.01
79) Chrysene-d12	21.527	240	603797	20.000	ng/u1	0.01
88) Perylene-d12	24.092	264	634147	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	18386	6.141	ng/uL	0.00
4) Pyridine-d5	3.693	84	203957	26.020	ng/u1	0.00
7) Phenol-d5	7.052	99	225295	24.309	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	152957	26.723	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	183126	24.225	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	167439	23.005	ng/u1	0.00
21) Nitrobenzene-d5	9.105	128	80182	22.750	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	87563	22.485	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.352	165	164859	21.581	ng/u1	0.01
31) 4-Chloroaniline-d4	10.904	131	199639	19.970	ng/u1	0.01
46) Dimethylphthalate-d6	14.010	166	502465	23.652	ng/u1	0.00
49) Acenaphthylene-d8	14.293	160	568586	24.000	ng/u1	0.01
54) 4-Nitrophenol-d4	14.845	143	43655	14.422	ng/u1	0.02
60) Fluorene-d10	15.598	176	414469	22.570	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	57990	17.150	ng/u1	0.01
73) Anthracene-d10	17.486	188	600435	22.889	ng/u1	0.01
81) Pyrene-d10	19.745	212	705258	18.630	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.921	264	900825	25.505	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	3649	1.149	ng/uL	96
5) Pyridine	3.722	79	32691	4.071	ng/u1#	72
6) Benzaldehyde	7.063	77	25887	5.192	ng/u1	91
8) Phenol	7.081	94	44804	4.903	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.334	93	37518	4.921	ng/u1	99
12) 2-Chlorophenol	7.446	128	35931	4.733	ng/u1	97
13) 2-Methylphenol	8.352	108	28583	4.144	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.410	45	49406m	5.265	ng/u1	
16) Acetophenone	8.758	105	54001	4.719	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.716	70	26504	4.883	ng/u1	93
18) 4-Methylphenol	8.681	108	32760	4.473	ng/u1	95
19) Hexachloroethane	8.957	117	15146	4.342	ng/u1#	82
22) Nitrobenzene	9.146	77	42602	4.854	ng/u1#	94
23) Isophorone	9.657	82	71418	4.551	ng/u1	98
25) 2-Nitrophenol	9.852	139	18904	4.548	ng/u1#	89
26) 2,4-Dimethylphenol	9.899	107	28851	3.536	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.152	93	47752	4.920	ng/u1	94
29) 2,4-Dichlorophenol	10.375	162	31751	4.347	ng/u1	95
30) Naphthalene	10.781	128	119757	4.784	ng/u1	99
32) 4-Chloroaniline	10.928	127	41048	4.288	ng/u1	100
33) Hexachlorobutadiene	11.004	225	23329	3.933	ng/u1	95
34) Caprolactam	11.775	113	10714	5.696	ng/u1	97
35) 4-Chloro-3-methylphenol	12.051	107	27995	4.071	ng/u1	94
36) 2-Methylnaphthalene	12.399	142	75170	4.446	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	62519	3.616	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.757	216	41113	4.390	ng/ul#	97
40) Hexachlorocyclopentadiene	12.687	237	30678	5.702	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.022	196	22189	3.948	ng/ul	97
42) 2,4,5-Trichlorophenol	13.098	196	24729	4.256	ng/ul	93
43) 1,1'-Biphenyl	13.422	154	100043	4.799	ng/ul	98
44) 2-Chloronaphthalene	13.469	162	82094	4.871	ng/ul	99
45) 2-Nitroaniline	13.728	65	15440	4.031	ng/ul	93
47) Dimethylphthalate	14.057	163	100389	4.795	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	14128	3.666	ng/ul	90
50) Acenaphthylene	14.322	152	130921	4.933	ng/ul	99
51) 3-Nitroaniline	14.569	138	12237m	3.339	ng/ul	
52) Acenaphthene	14.657	153	85637	4.774	ng/ul	98
53) 2,4-Dinitrophenol	14.775	184	11493	5.313	ng/ul#	83
55) 4-Nitrophenol	14.869	109	11940m	3.726	ng/ul	
56) Dibenzofuran	14.998	168	116931	4.642	ng/ul	96
57) 2,4-Dinitrotoluene	15.004	165	21420	3.766	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.222	232	19038	3.692	ng/ul#	84
59) Diethylphthalate	15.422	149	89445	4.425	ng/ul	97
61) Fluorene	15.657	166	93905	4.539	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	47635	4.332	ng/ul	96
63) 4-Nitroaniline	15.740	138	11157	3.375	ng/ul#	8
66) 4,6-Dinitro-2-methylph...	15.757	198	14072	3.886	ng/ul#	77
67) N-Nitrosodiphenylamine	15.881	169	72445	4.658	ng/ul	97
68) 4-Bromophenyl-phenylether	16.563	248	24760	4.122	ng/ul	93
69) Hexachlorobenzene	16.639	284	27296	3.959	ng/ul#	86
70) Atrazine	16.845	200	18451	3.228	ng/ul	99
71) Pentachlorophenol	17.016	266	22910	5.526	ng/ul	97
72) Phenanthrene	17.428	178	146879	4.884	ng/ul	98
74) Anthracene	17.522	178	139521	4.581	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.369	216	31964	3.711	ng/uL	98
76) Pentachlorobenzene	14.892	250	30731	3.681	ng/uL	98
77) Carbazole	17.822	167	105090	4.083	ng/ul	99
78) Di-n-butylphthalate	18.328	149	126136	4.221	ng/ul	98
80) Fluoranthene	19.416	202	158225	3.638	ng/ul	98
82) Pyrene	19.775	202	177103	3.843	ng/ul	97
83) Butylbenzylphthalate	20.645	149	48473	3.059	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.463	252	49791	3.650	ng/ul	98
85) Benzo(a)anthracene	21.510	228	207319	4.517	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	78340	3.541	ng/ul	99
87) Chrysene	21.569	228	206922	4.767	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	135642	3.377	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	203380	4.712	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	205683	4.702	ng/ul	99
93) Benzo(a)pyrene	23.974	252	190877	4.711	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.815	276	226398	4.688	ng/ul	98
95) Dibenzo(a,h)anthracene	26.845	278	184532	4.580	ng/ul	97
96) Benzo(g,h,i)perylene	27.668	276	187822	4.828	ng/ul	98

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

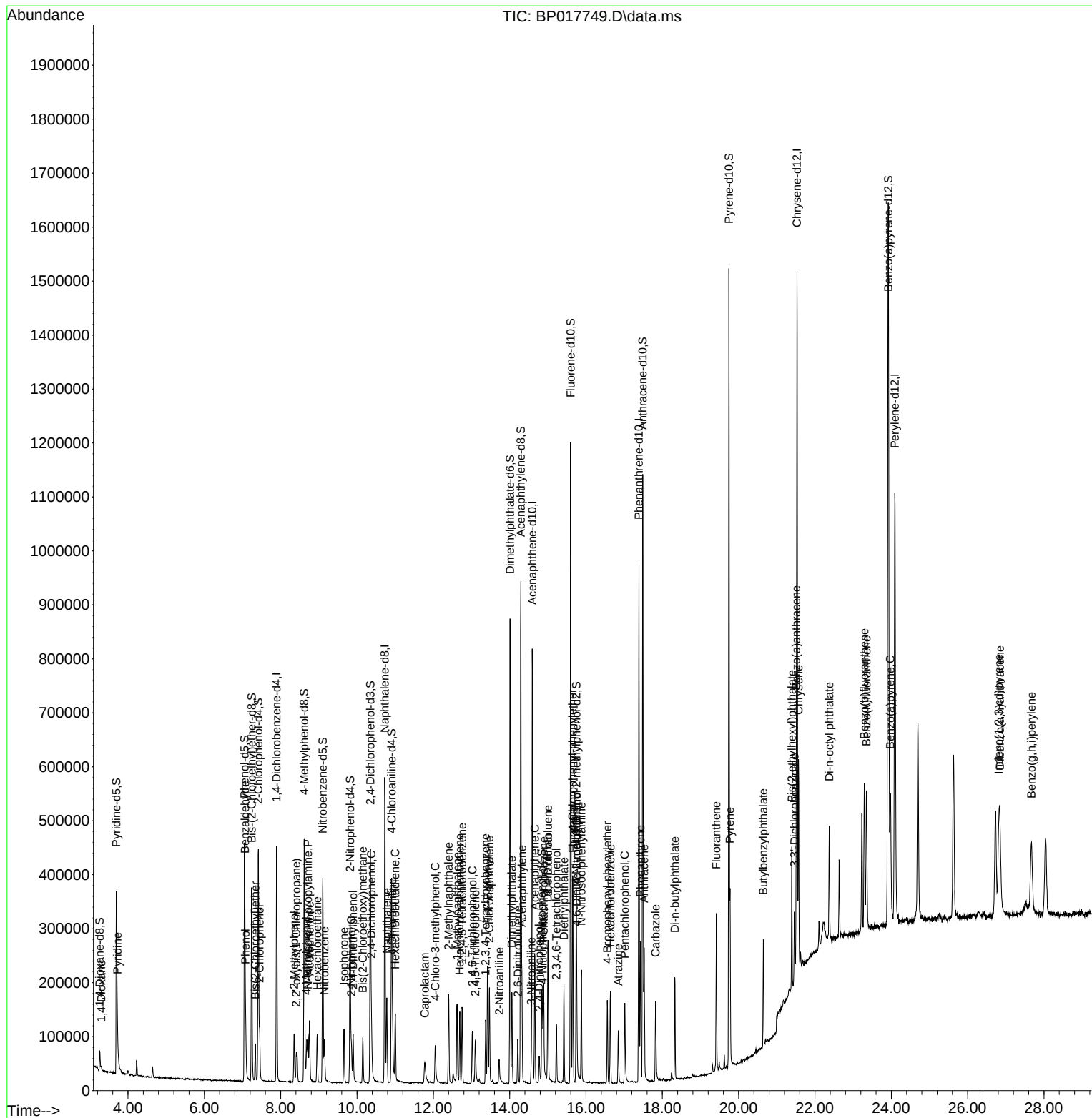
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 ALS Vial : 5 Sample Multiplier: 1

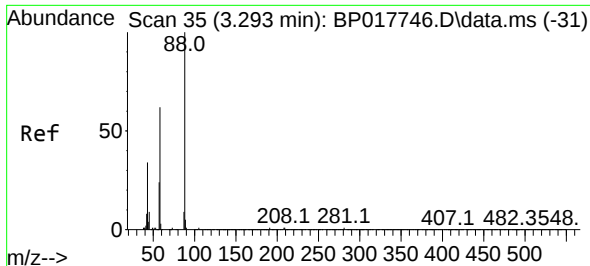
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT4-2023-08

Quant Time: Oct 23 13:02:51 2023
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 Quant Title : SVOA CALIBRATION
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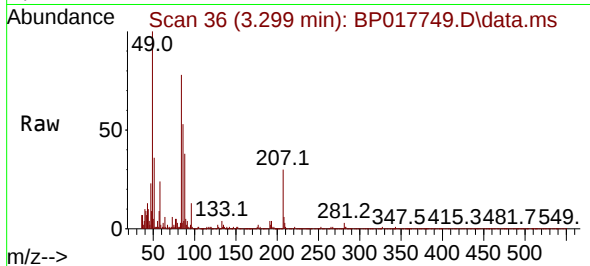
Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023





#2
1,4-Dioxane
Concen: 1.149 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

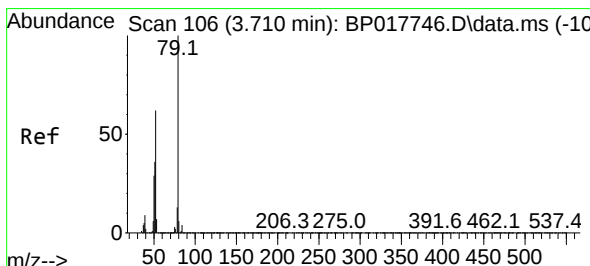
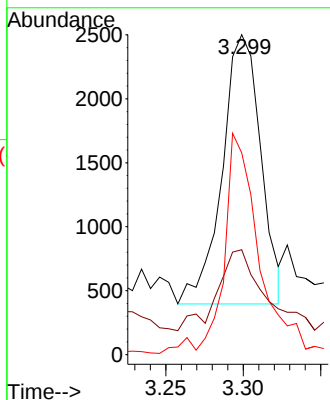
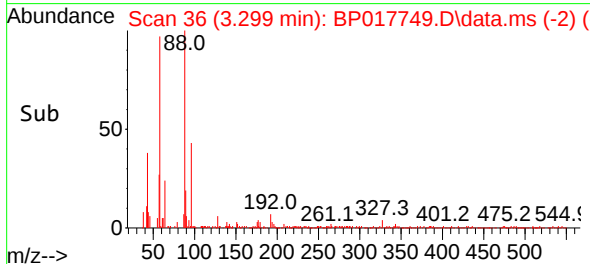
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion: 88 Resp: 3649
Ion Ratio Lower Upper
88 100
43 32.8 24.4 36.6
58 63.1 53.0 79.6

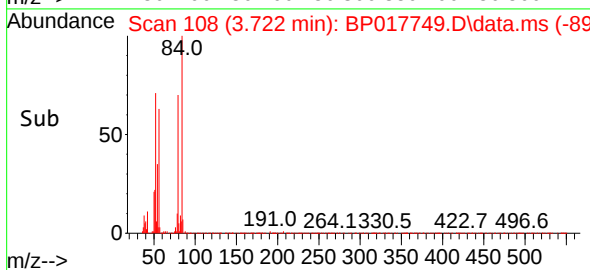
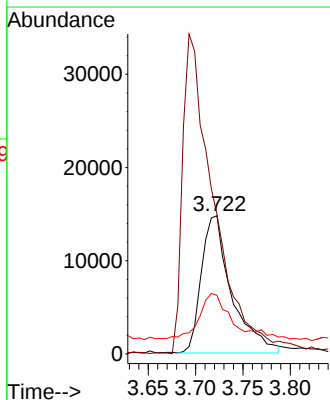
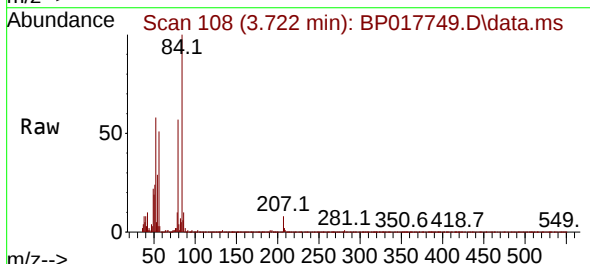
Manual Integrations
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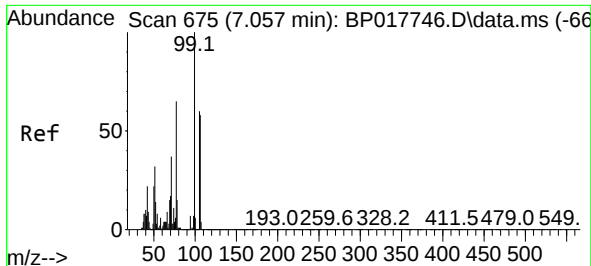
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#5
Pyridine
Concen: 4.071 ng/uL
RT: 3.722 min Scan# 108
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

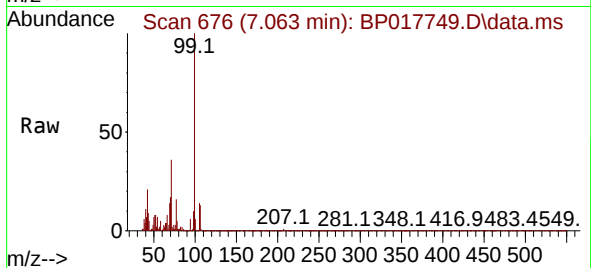
Tgt Ion: 79 Resp: 32691
Ion Ratio Lower Upper
79 100
52 101.1 57.2 85.8#
51 42.4 28.6 42.8





#6
Benzaldehyde
Concen: 5.192 ng/ul
RT: 7.063 min Scan# 676
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

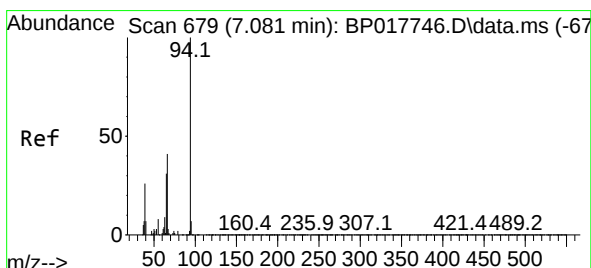
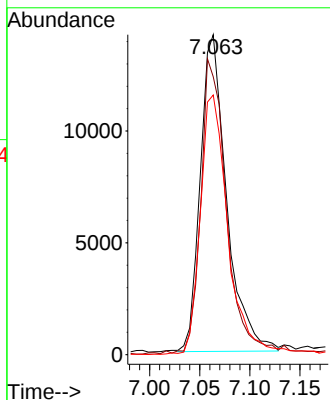
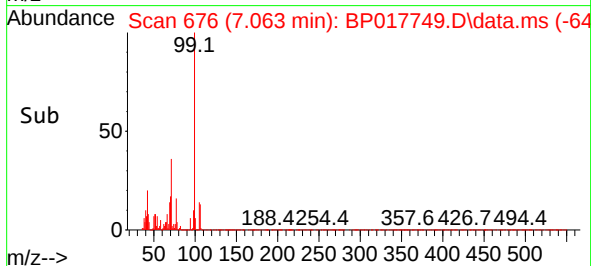
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion: 77 Resp: 2588
Ion Ratio Lower Upper
77 100
105 86.9 75.4 113.2
106 81.2 72.3 108.5

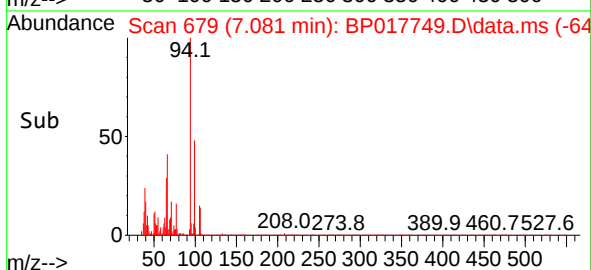
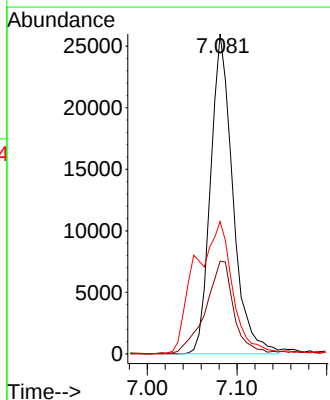
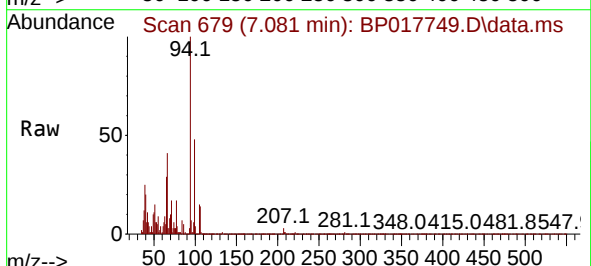
Manual Integrations
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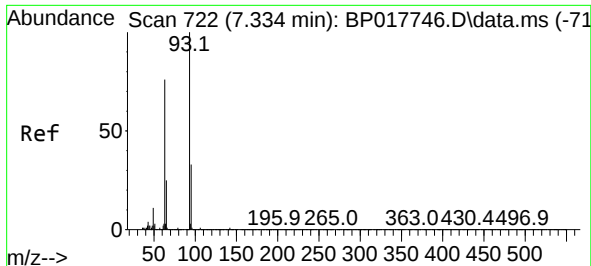
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#8
Phenol
Concen: 4.903 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

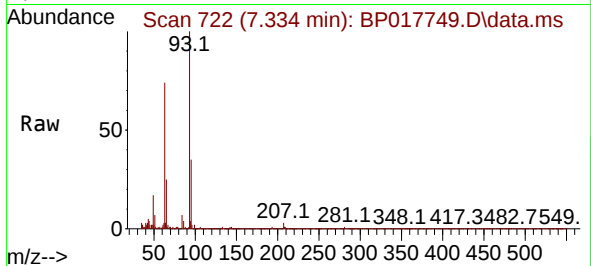
Tgt Ion: 94 Resp: 44804
Ion Ratio Lower Upper
94 100
65 29.0 25.0 37.4
66 41.4 33.0 49.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.921 ng/ul
RT: 7.334 min Scan# 722
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

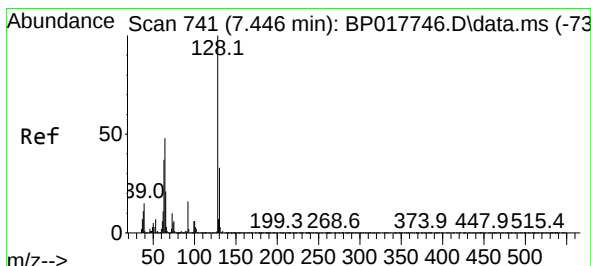
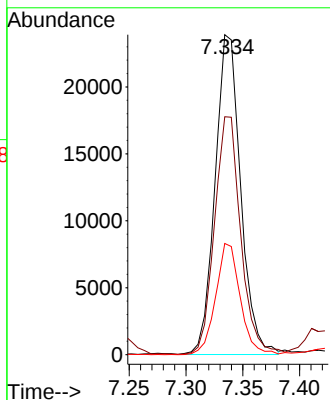
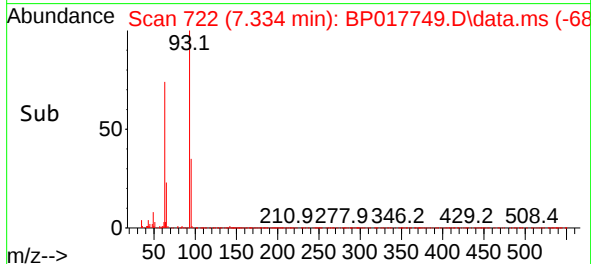
Instrument :
BNA_P
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MDL-SOIL-QT4-2023-08



Tgt Ion: 93 Resp: 37518
Ion Ratio Lower Upper
93 100
63 74.3 60.7 91.1
95 34.7 27.8 41.6

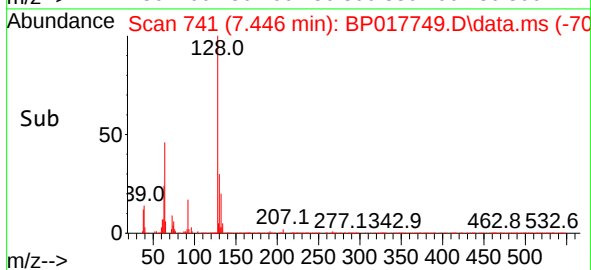
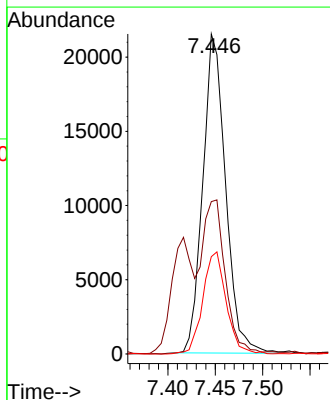
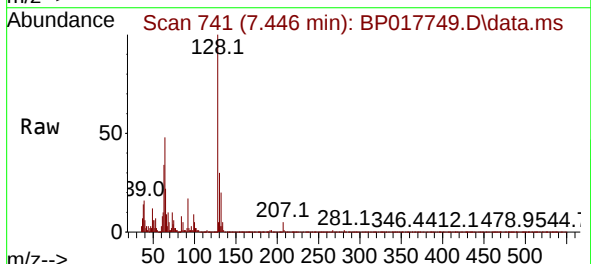
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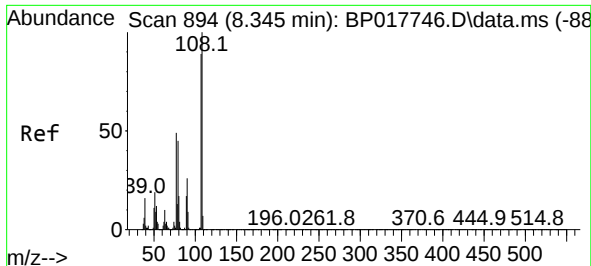
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#12
2-Chlorophenol
Concen: 4.733 ng/ul
RT: 7.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

Tgt Ion:128 Resp: 35931
Ion Ratio Lower Upper
128 100
64 47.6 36.7 55.1
130 30.4 26.2 39.2





#13

2-Methylphenol

Concen: 4.144 ng/ul

RT: 8.352 min Scan# 894

Delta R.T. 0.012 min

Lab File: BP017749.D

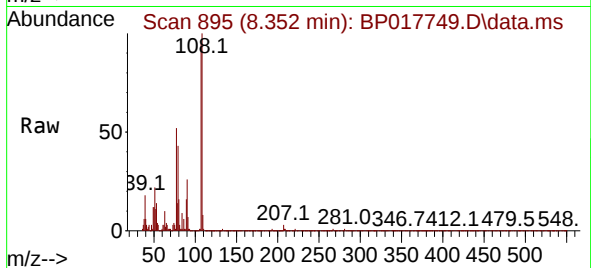
Acq: 23 Oct 2023 12:17

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2023-08



Tgt Ion:108 Resp: 2858

Ion Ratio Lower Upper

108 100

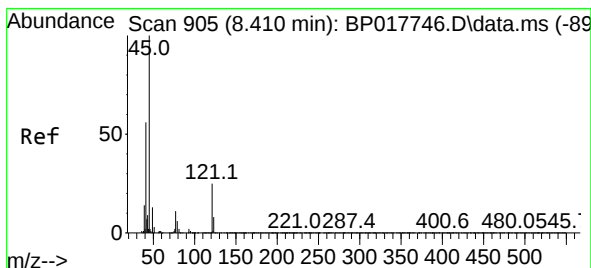
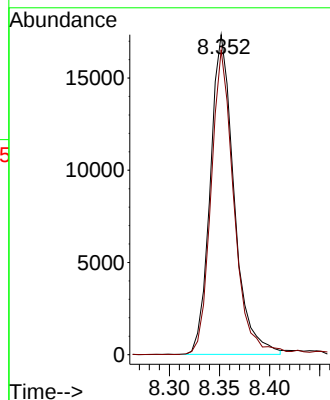
107 95.2 73.4 110.2

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/25/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 5.265 ng/ul m

RT: 8.410 min Scan# 905

Delta R.T. 0.006 min

Lab File: BP017749.D

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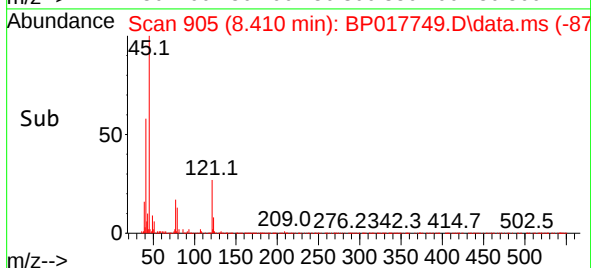
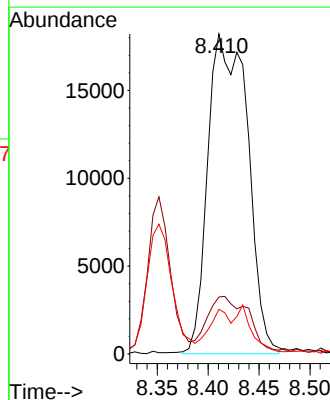
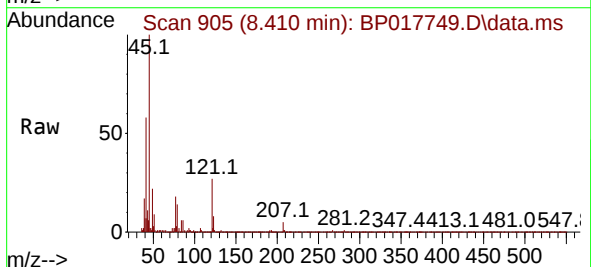
Tgt Ion: 45 Resp: 49406

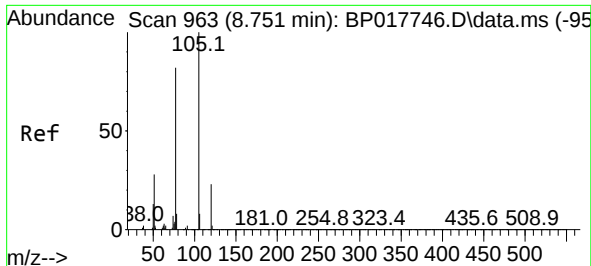
Ion Ratio Lower Upper

45 100

77 17.8 14.2 21.4

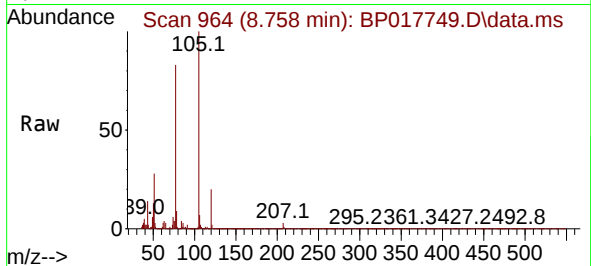
79 14.0 10.3 15.5





#16
Acetophenone
Concen: 4.719 ng/ul
RT: 8.758 min Scan# 964
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

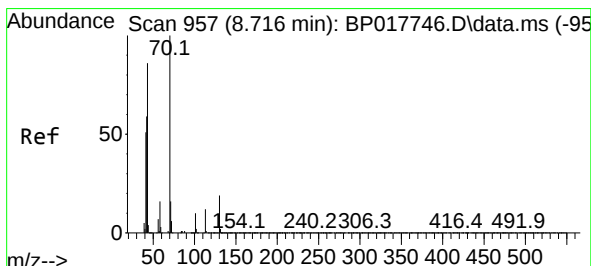
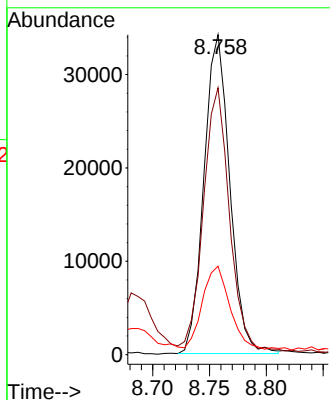
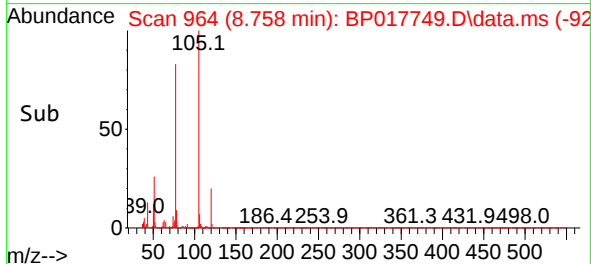
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion: 105 Resp: 5400
Ion Ratio Lower Upper
105 100
77 83.4 64.4 96.6
51 27.7 21.2 31.8

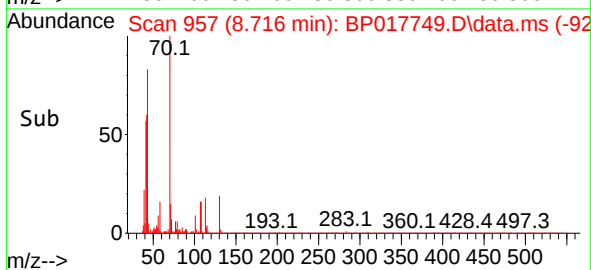
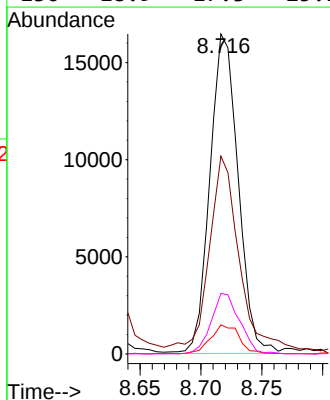
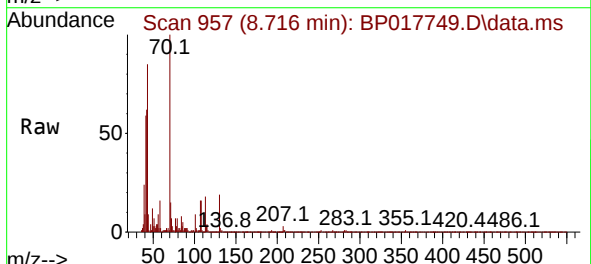
Manual Integrations
APPROVED

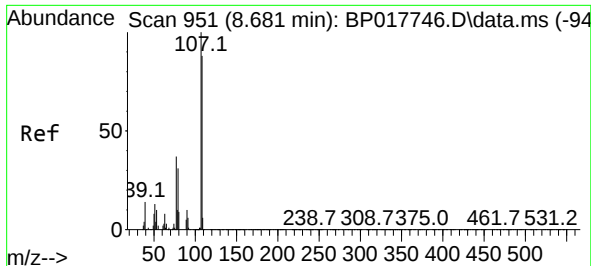
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.883 ng/ul
RT: 8.716 min Scan# 957
Delta R.T. -0.000 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

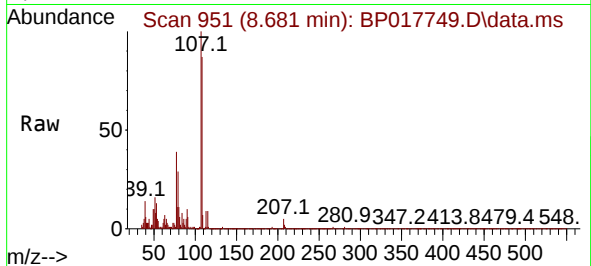
Tgt Ion: 70 Resp: 26504
Ion Ratio Lower Upper
70 100
42 61.8 44.6 66.8
101 9.1 7.5 11.3
130 18.9 17.3 25.9





#18
4-Methylphenol
Concen: 4.473 ng/ul
RT: 8.681 min Scan# 951
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

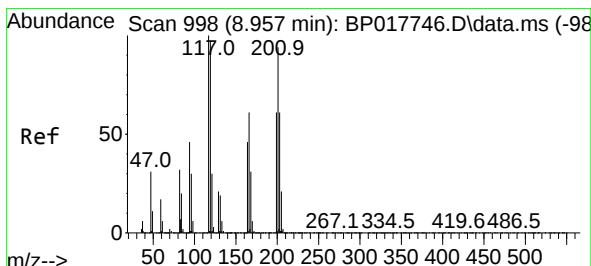
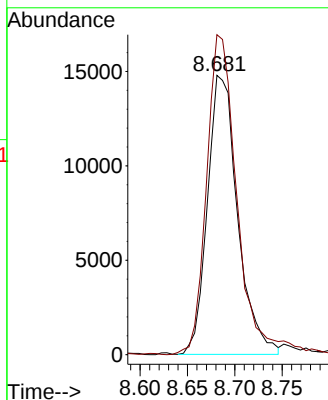
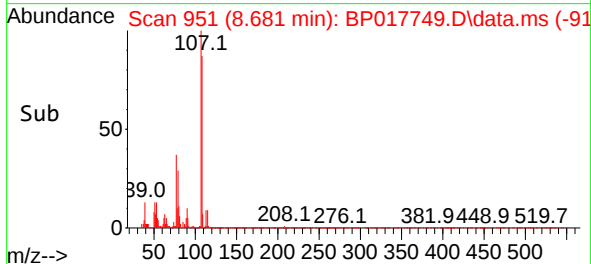
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:108 Resp: 32760
Ion Ratio Lower Upper
108 100
107 114.6 87.5 131.3

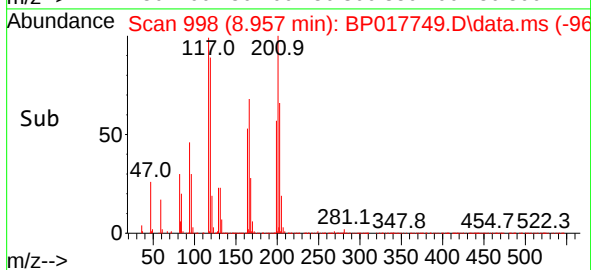
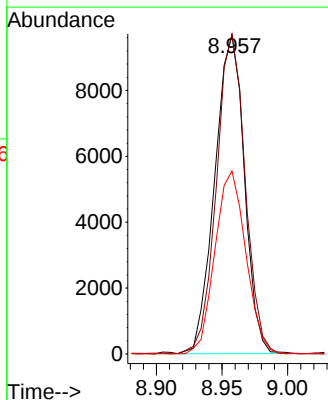
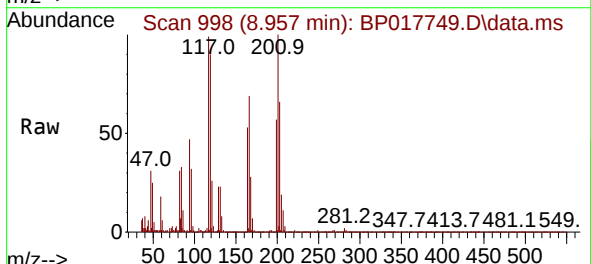
Manual Integrations
APPROVED

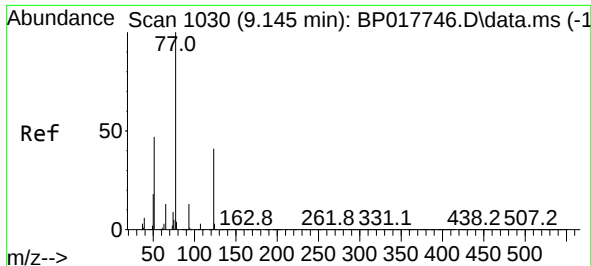
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#19
Hexachloroethane
Concen: 4.342 ng/ul
RT: 8.957 min Scan# 998
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

Tgt Ion:117 Resp: 15146
Ion Ratio Lower Upper
117 100
201 100.5 96.3 144.5
199 57.5 57.7 86.5#





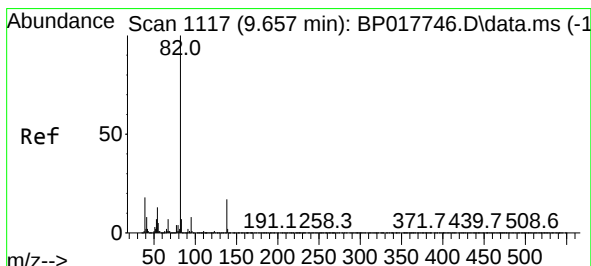
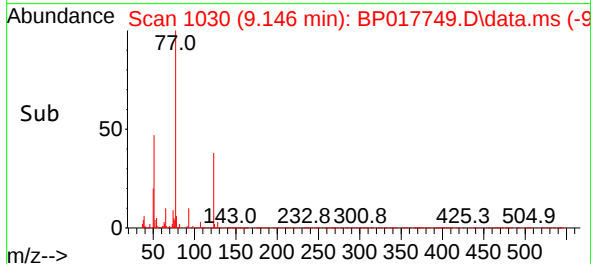
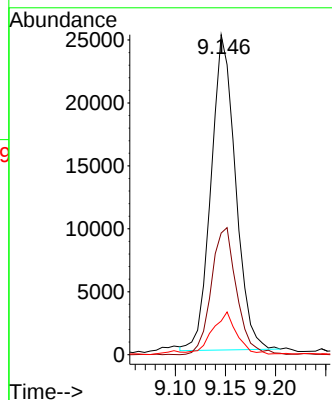
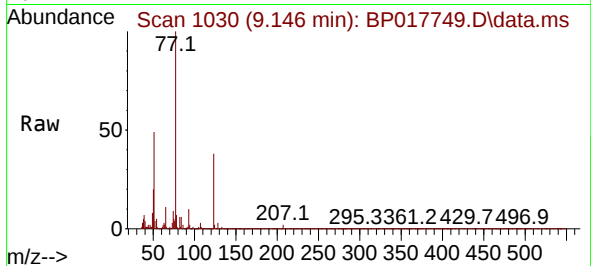
#22
Nitrobenzene
Concen: 4.854 ng/ul
RT: 9.146 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08

Tgt Ion: 77 Resp: 4260
Ion Ratio Lower Upper
77 100
123 38.0 33.5 50.3
65 10.5 10.8 16.2

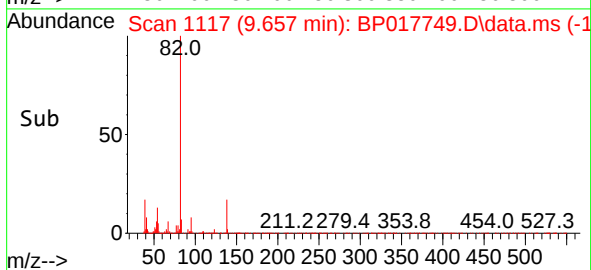
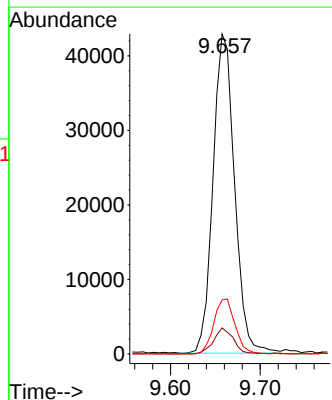
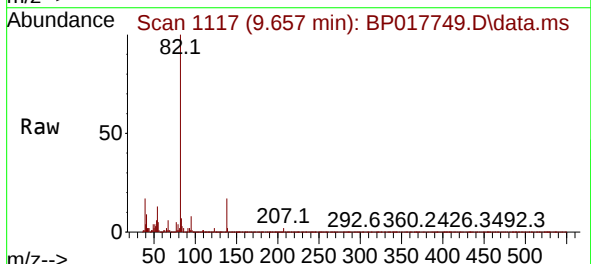
Manual Integrations
APPROVED

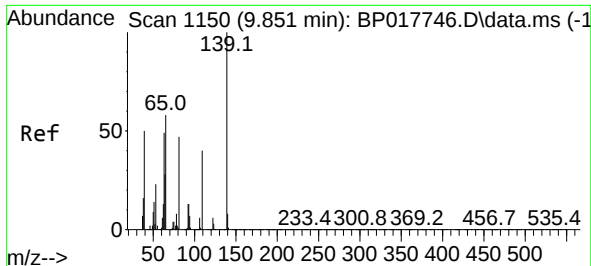
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#23
Isophorone
Concen: 4.551 ng/ul
RT: 9.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

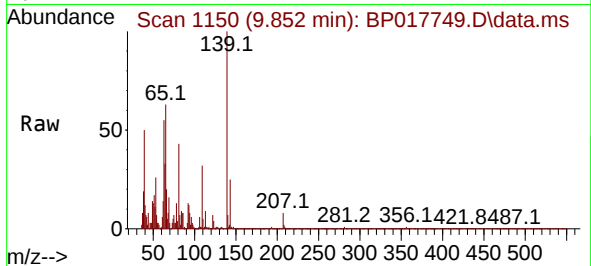
Tgt Ion: 82 Resp: 71418
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 16.9 14.4 21.6





#25
2-Nitrophenol
Concen: 4.548 ng/ul
RT: 9.852 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

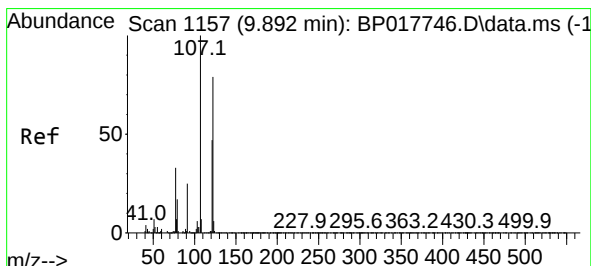
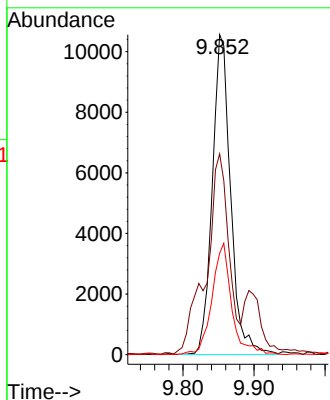
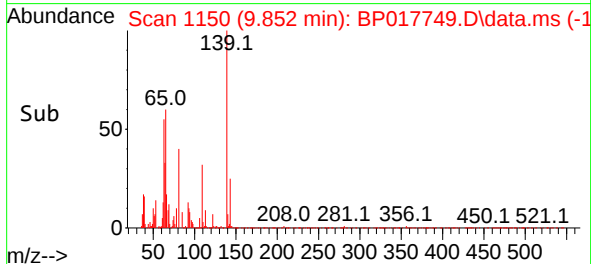
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



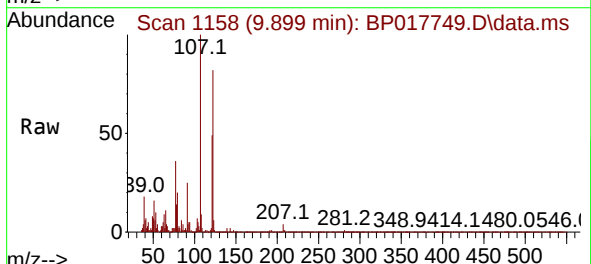
Tgt Ion:139 Resp: 18904
Ion Ratio Lower Upper
139 100
65 62.8 40.4 60.6
109 31.7 25.4 38.2

Manual Integrations
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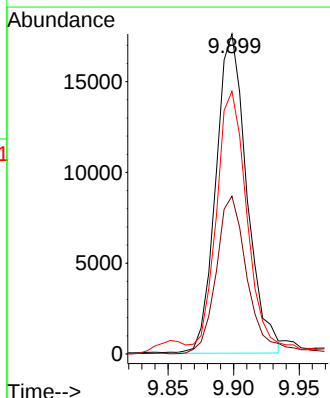
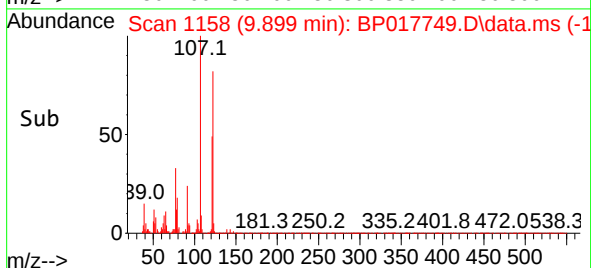
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

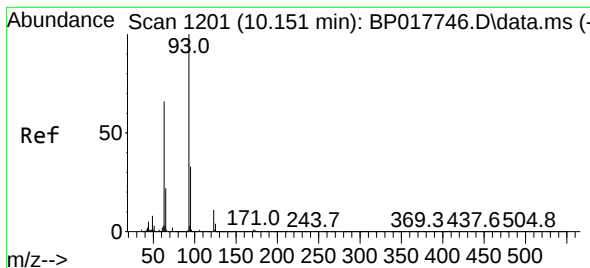


#26
2,4-Dimethylphenol
Concen: 3.536 ng/ul
RT: 9.899 min Scan# 1158
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17



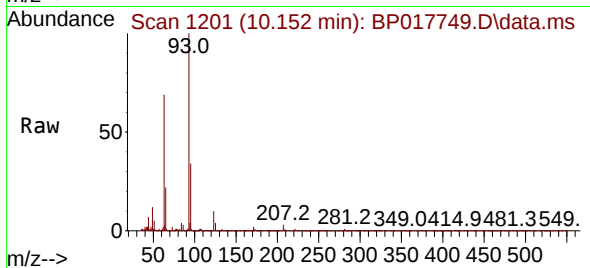
Tgt Ion:107 Resp: 28851
Ion Ratio Lower Upper
107 100
121 49.3 40.6 61.0
122 82.1 66.9 100.3





#27
Bis(2-Chloroethoxy)methane
Concen: 4.920 ng/ul
RT: 10.152 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

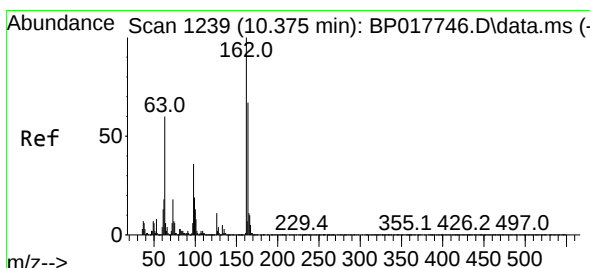
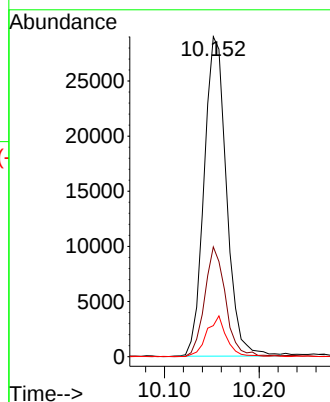
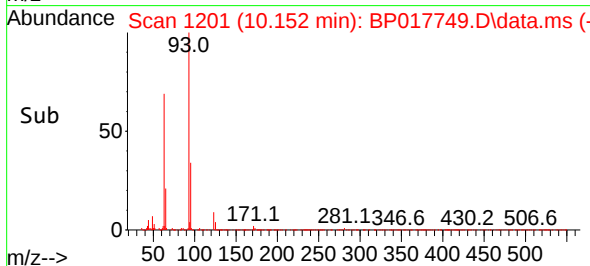
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



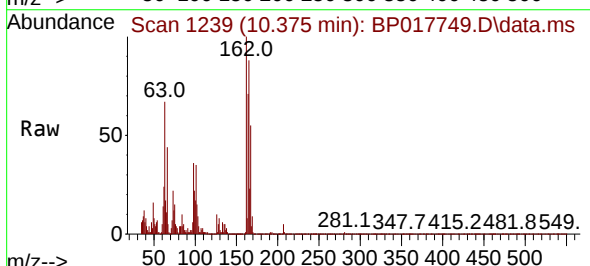
Tgt Ion: 93 Resp: 4775
Ion Ratio Lower Upper
93 100
95 34.3 24.7 37.1
123 9.7 8.9 13.3

Manual Integrations
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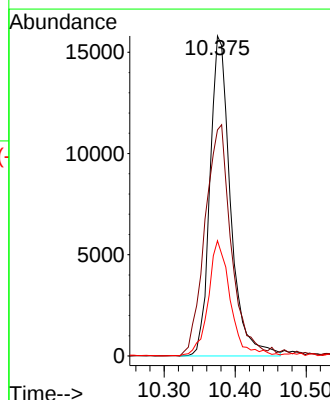
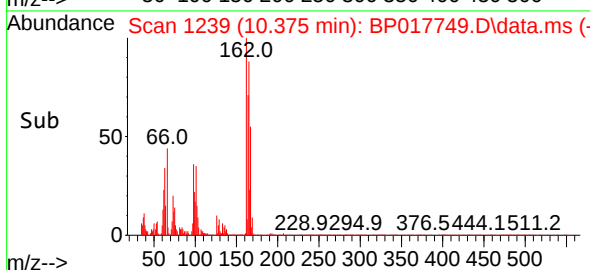
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

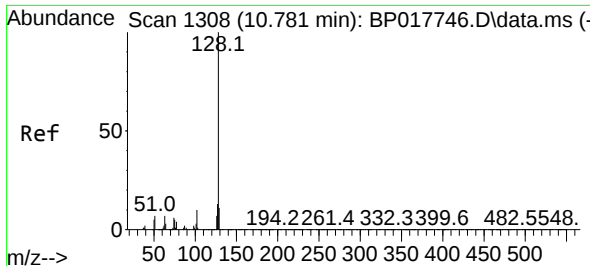


#29
2,4-Dichlorophenol
Concen: 4.347 ng/ul
RT: 10.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17



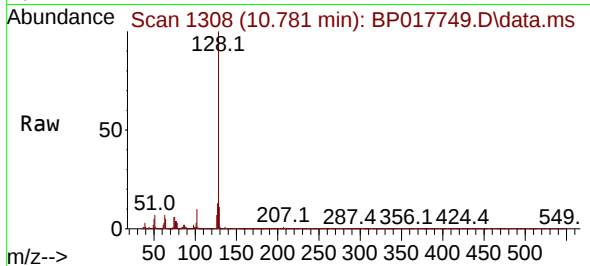
Tgt Ion:162 Resp: 31751
Ion Ratio Lower Upper
162 100
164 70.6 53.8 80.8
98 36.0 25.5 38.3





#30
Naphthalene
Concen: 4.784 ng/ul
RT: 10.781 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

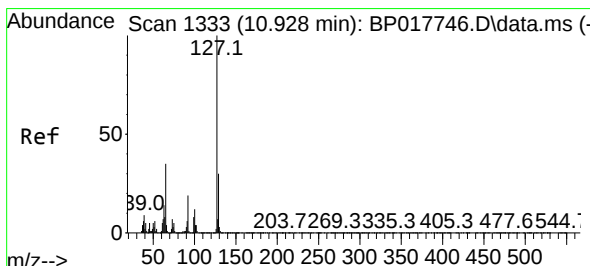
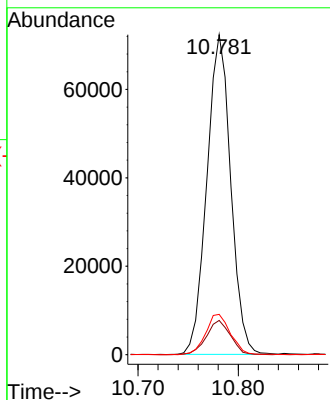
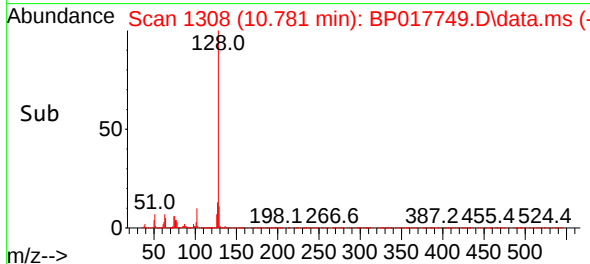
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



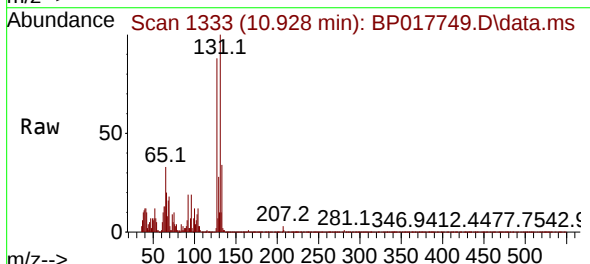
Tgt Ion:128 Resp: 11975
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.6 10.5 15.7

Manual Integrations
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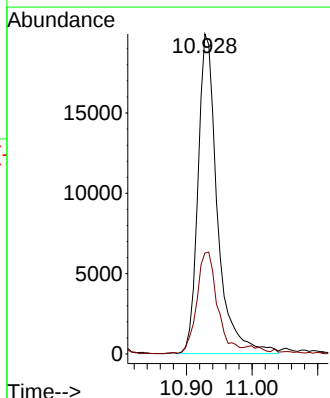
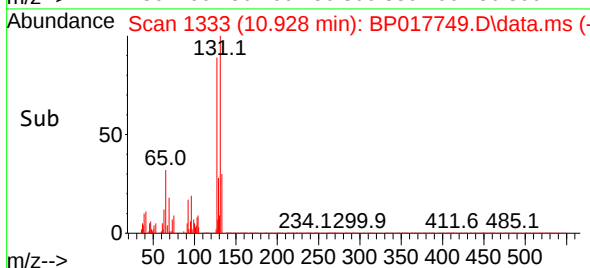
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

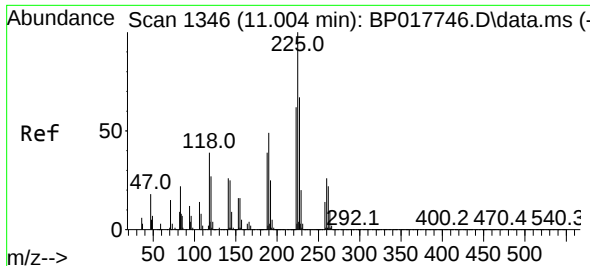


#32
4-Chloroaniline
Concen: 4.288 ng/ul
RT: 10.928 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17



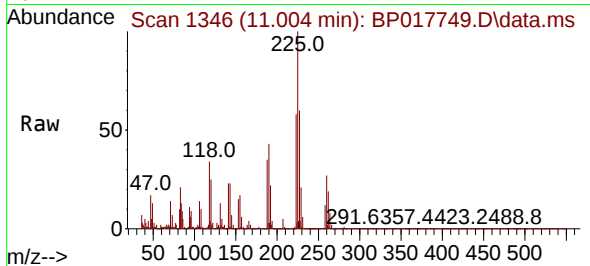
Tgt Ion:127 Resp: 41048
Ion Ratio Lower Upper
127 100
129 31.6 25.1 37.7





#33
Hexachlorobutadiene
Concen: 3.933 ng/ul
RT: 11.004 min Scan# 1346
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

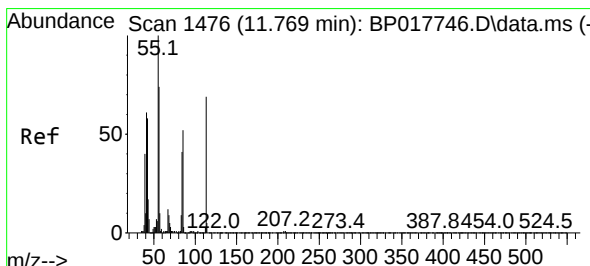
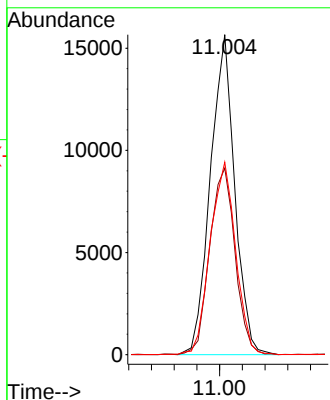
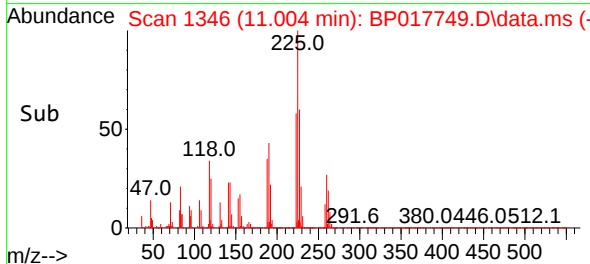
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:225 Resp: 23329
Ion Ratio Lower Upper
225 100
223 58.3 50.6 75.8
227 60.2 50.1 75.1

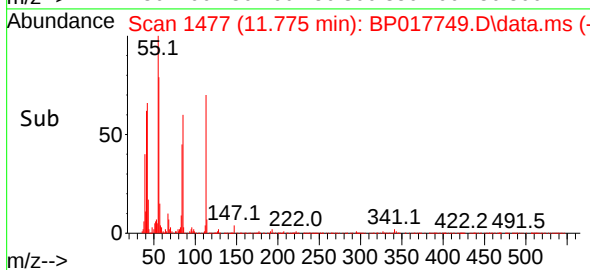
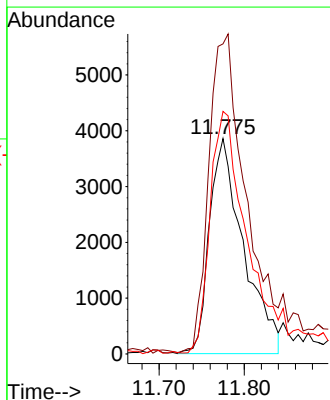
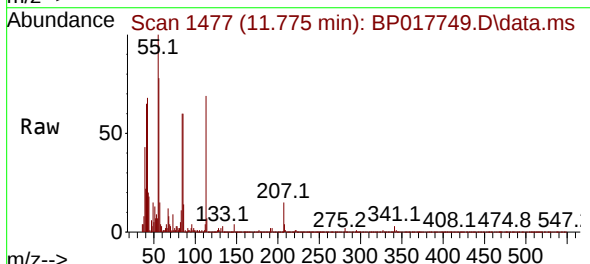
Manual Integrations
APPROVED

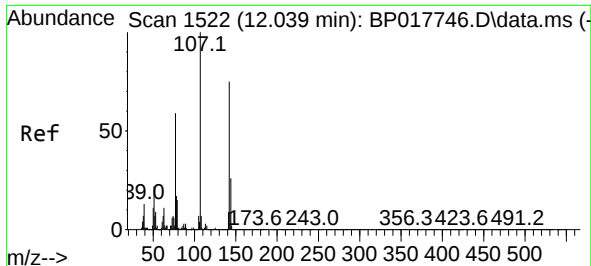
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#34
Caprolactam
Concen: 5.696 ng/ul
RT: 11.775 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

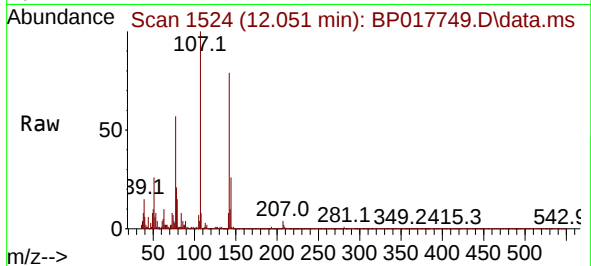
Tgt Ion:113 Resp: 10714
Ion Ratio Lower Upper
113 100
55 143.9 112.1 168.1
56 112.6 87.0 130.6





#35
4-Chloro-3-methylphenol
Concen: 4.071 ng/ul
RT: 12.051 min Scan# 1524
Delta R.T. 0.018 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

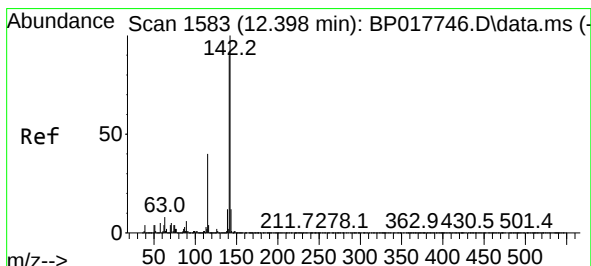
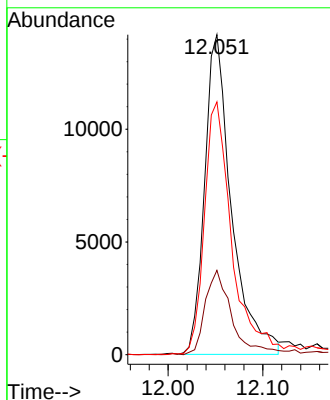
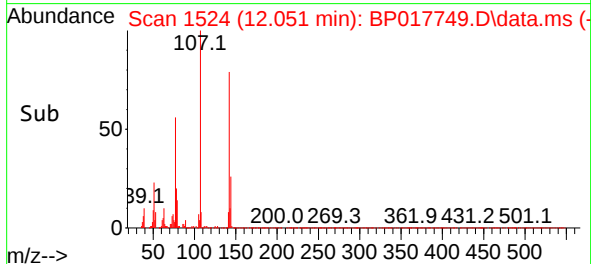
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT4-2023-08



Tgt Ion:107 Resp: 2799
Ion Ratio Lower Upper
107 100
144 26.3 22.9 34.3
142 79.0 68.1 102.1

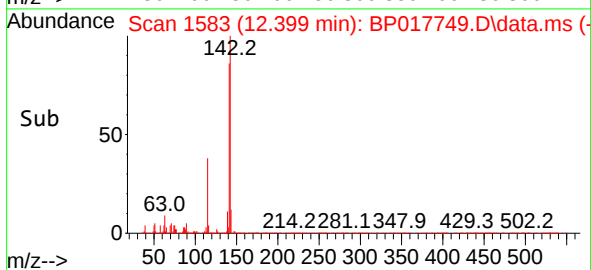
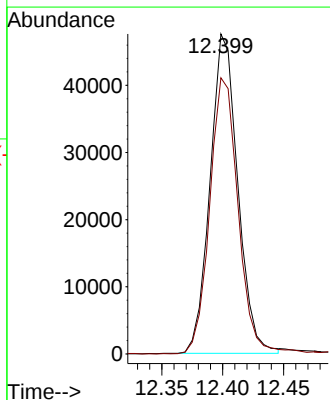
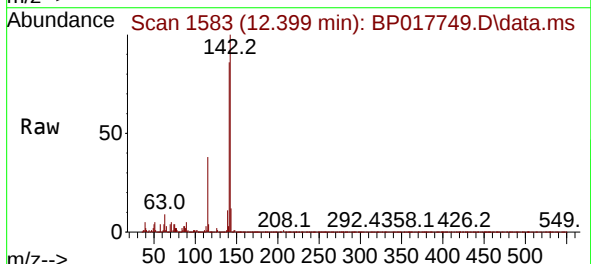
Manual Integrations
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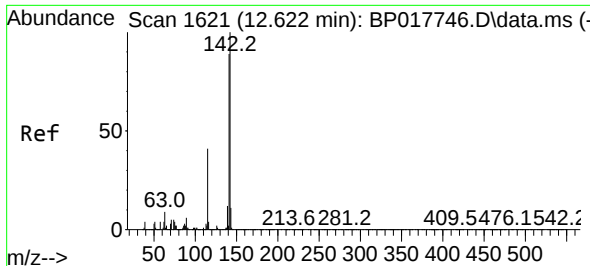
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#36
2-Methylnaphthalene
Concen: 4.446 ng/ul
RT: 12.399 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

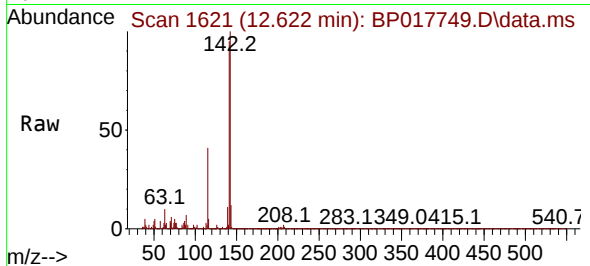
Tgt Ion:142 Resp: 75170
Ion Ratio Lower Upper
142 100
141 86.3 71.5 107.3





#37
1-Methylnaphthalene
Concen: 3.616 ng/ul
RT: 12.622 min Scan# 1621
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

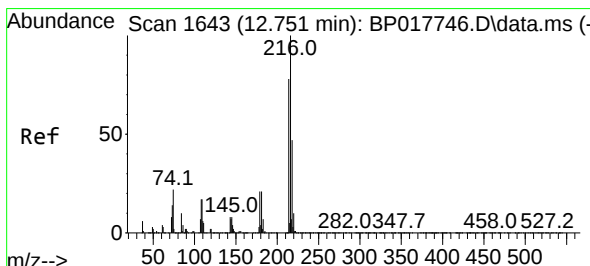
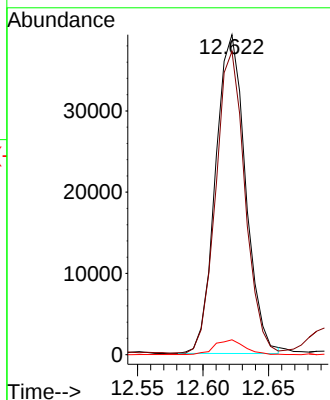
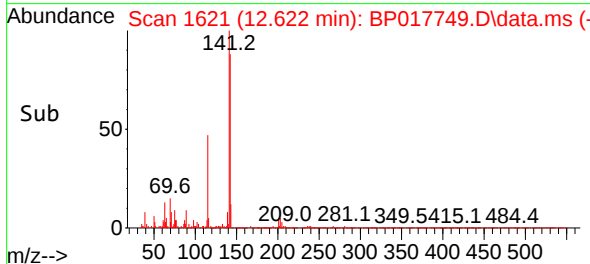
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



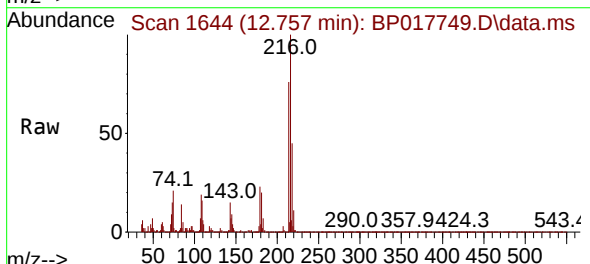
Tgt Ion:142 Resp: 62519
Ion Ratio Lower Upper
142 100
141 94.8 72.5 108.7
116 4.7 3.4 5.2

Manual Integrations
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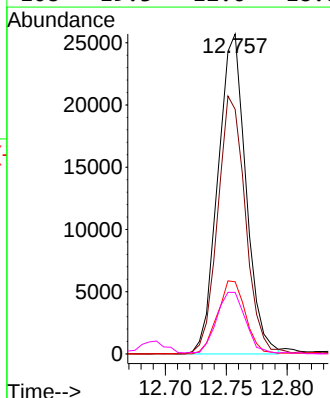
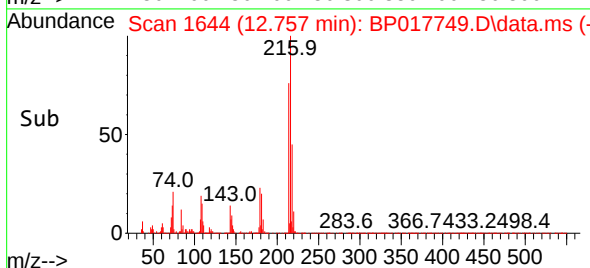
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

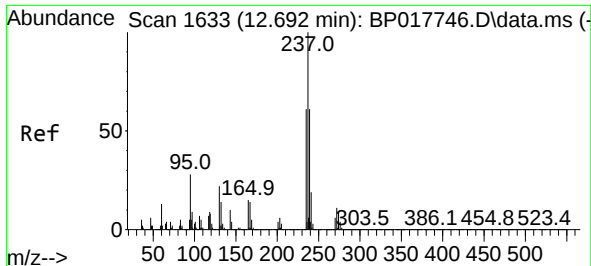


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.390 ng/ul
RT: 12.757 min Scan# 1644
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17



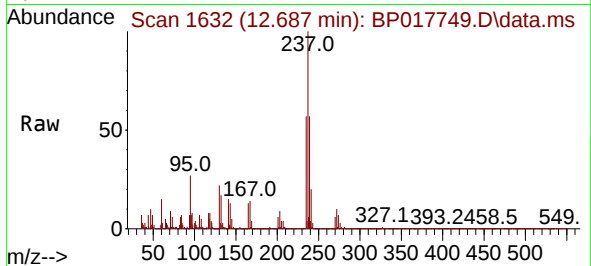
Tgt Ion:216 Resp: 41113
Ion Ratio Lower Upper
216 100
214 76.5 62.2 93.2
179 22.5 15.8 23.8
108 19.3 12.6 18.8#





#40
Hexachlorocyclopentadiene
Concen: 5.702 ng/ul
RT: 12.687 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

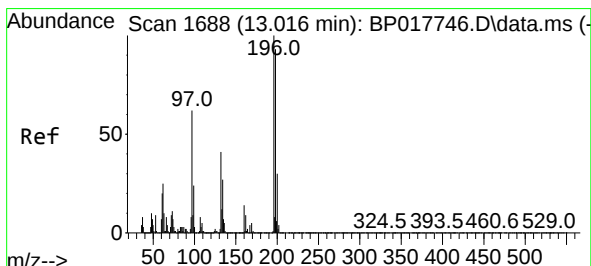
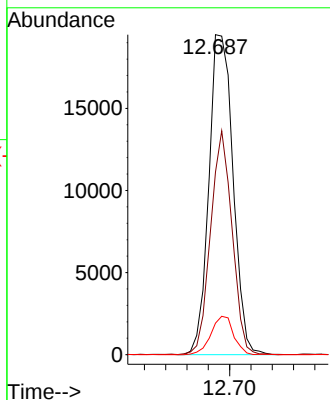
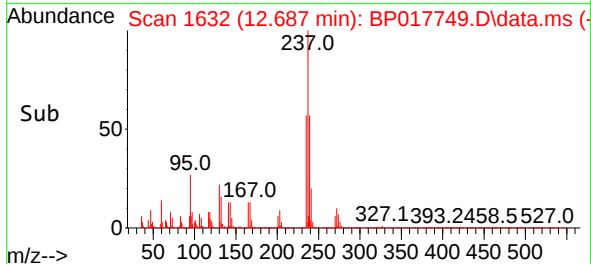
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



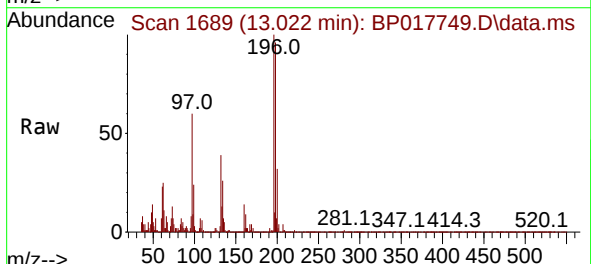
Tgt Ion:237 Resp: 30678
Ion Ratio Lower Upper
237 100
235 57.1 50.3 75.5
272 9.9 11.1 16.7

Manual Integrations
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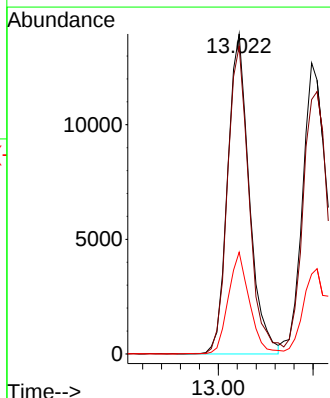
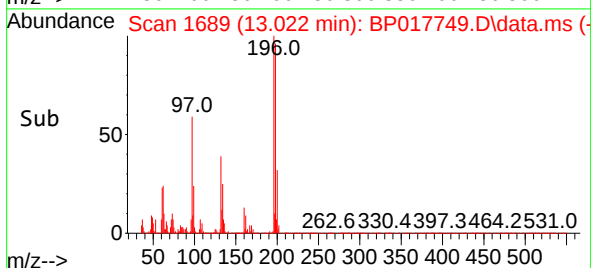
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

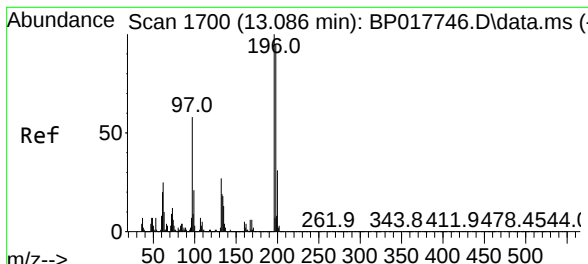


#41
2,4,6-Trichlorophenol
Concen: 3.948 ng/ul
RT: 13.022 min Scan# 1689
Delta R.T. 0.018 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17



Tgt Ion:196 Resp: 22189
Ion Ratio Lower Upper
196 100
198 96.2 74.7 112.1
200 31.8 23.7 35.5





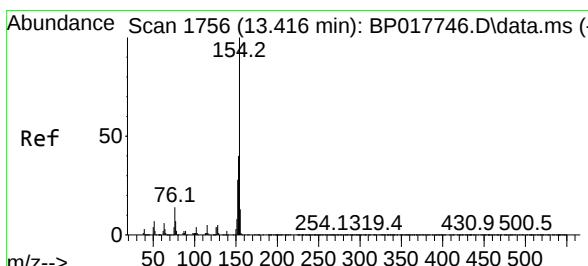
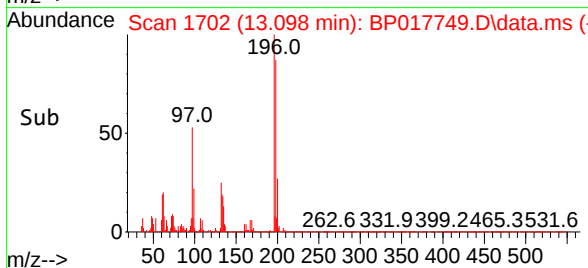
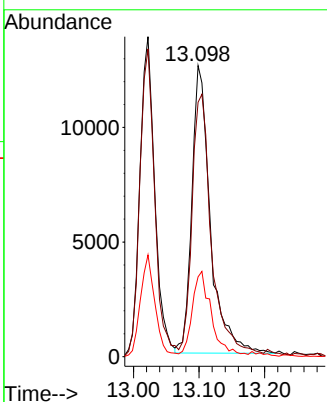
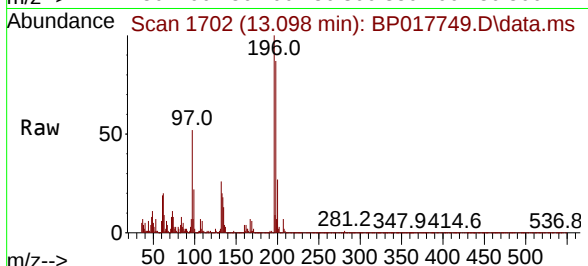
#42
 2,4,5-Trichlorophenol
 Concen: 4.256 ng/ul
 RT: 13.098 min Scan# 1702
 Delta R.T. 0.018 min
 Lab File: BP017749.D
 Acq: 23 Oct 2023 12:17

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT4-2023-08

Tgt Ion:	196	Resp:	24729
Ion Ratio	Lower	Upper	
196	100		
198	87.4	76.0	114.0
200	27.4	24.3	36.5

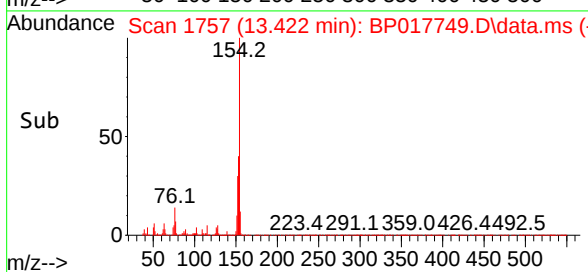
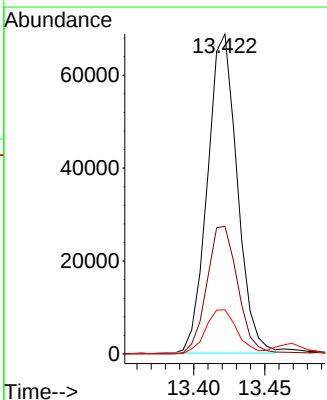
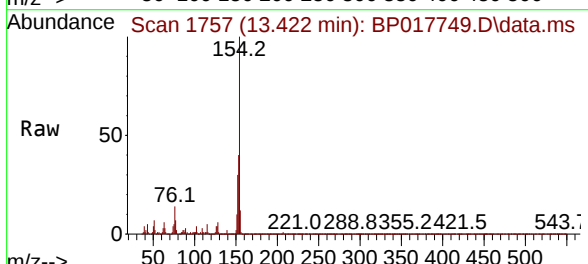
Manual Integrations
 APPROVED

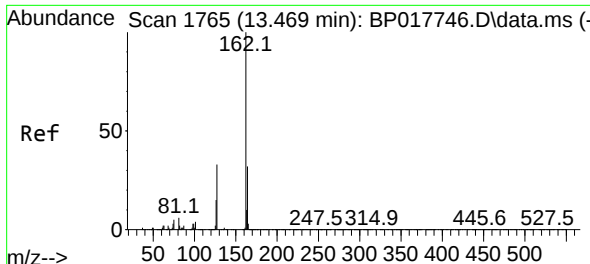
Reviewed By :Yogesh Patel 10/24/2023
 Supervised By :mohammad ahmed 10/25/2023



#43
 1,1'-Biphenyl
 Concen: 4.799 ng/ul
 RT: 13.422 min Scan# 1757
 Delta R.T. 0.012 min
 Lab File: BP017749.D
 Acq: 23 Oct 2023 12:17

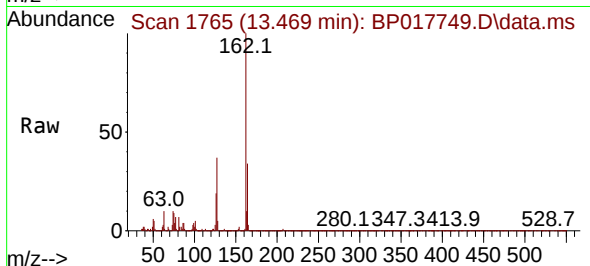
Tgt Ion:	154	Resp:	100043
Ion Ratio	Lower	Upper	
154	100		
153	39.9	32.6	49.0
76	13.8	9.8	14.8





#44
2-Chloronaphthalene
Concen: 4.871 ng/ul
RT: 13.469 min Scan# 1765
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

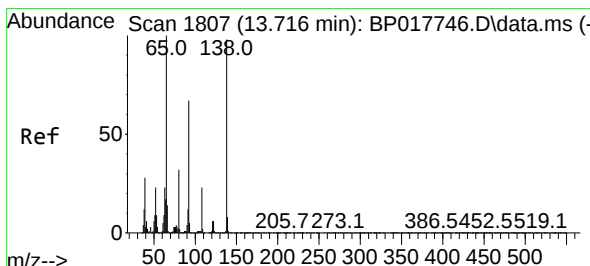
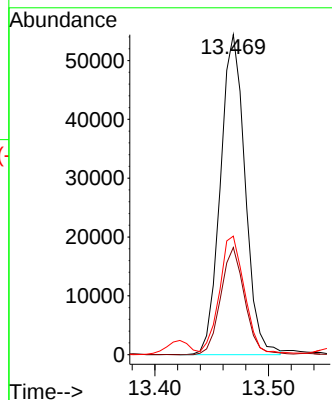
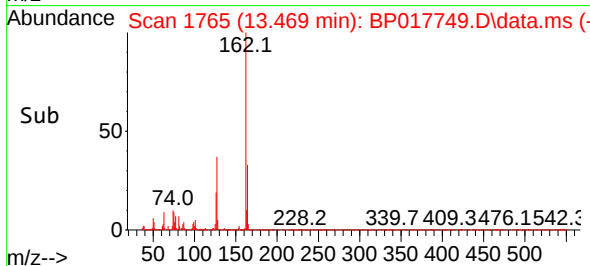
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT4-2023-08



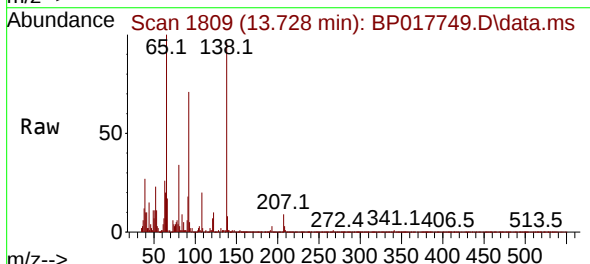
Tgt Ion:162 Resp: 82094
Ion Ratio Lower Upper
162 100
164 33.5 25.9 38.9
127 37.1 29.9 44.9

Manual Integrations
APPROVED

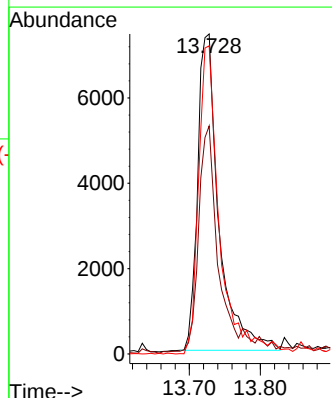
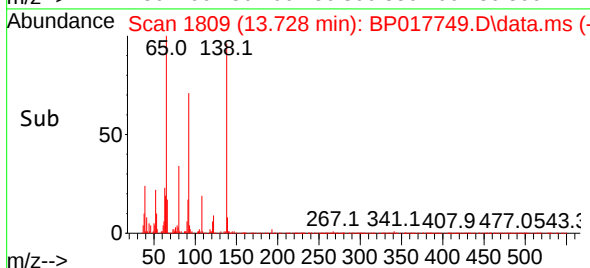
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

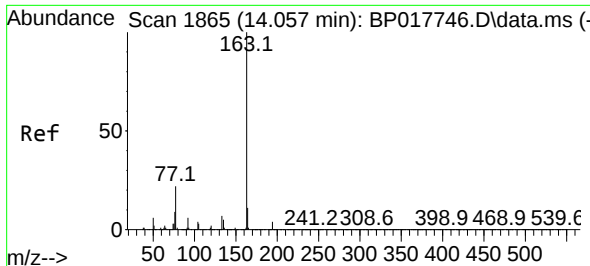


#45
2-Nitroaniline
Concen: 4.031 ng/ul
RT: 13.728 min Scan# 1809
Delta R.T. 0.018 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17



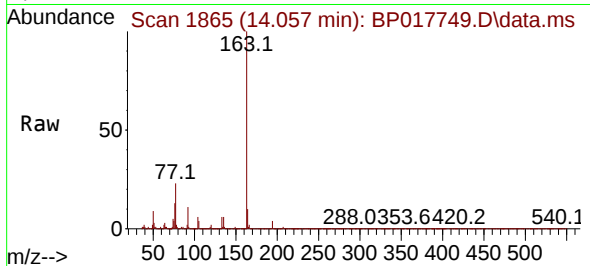
Tgt Ion: 65 Resp: 15440
Ion Ratio Lower Upper
65 100
92 71.3 56.2 84.4
138 96.3 85.9 128.9





#47
Dimethylphthalate
Concen: 4.795 ng/ul
RT: 14.057 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

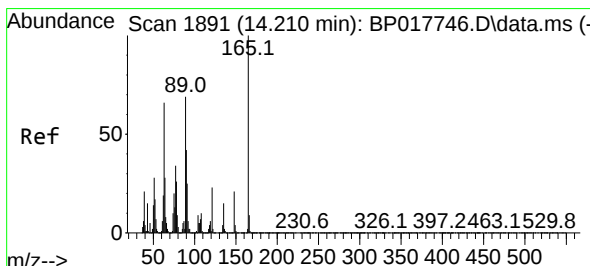
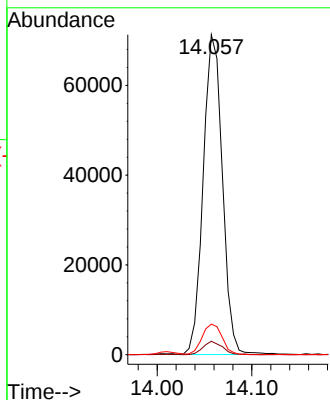
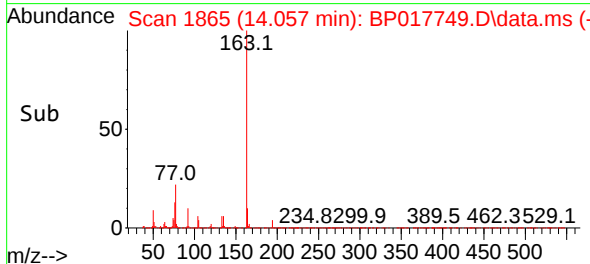
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



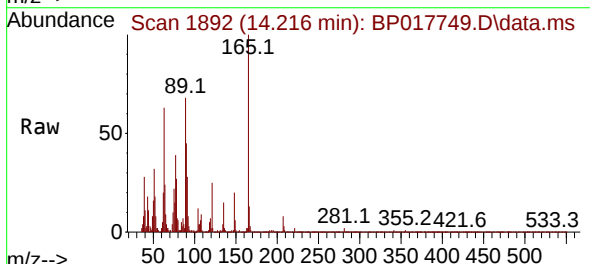
Tgt Ion:163 Resp: 100389
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.6 8.2 12.4

Manual Integrations
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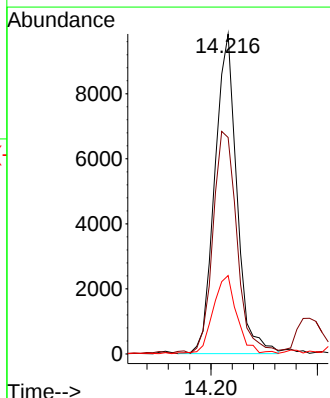
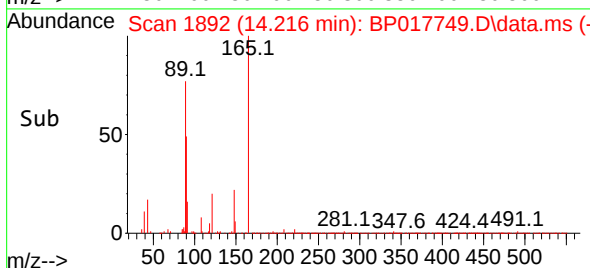
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

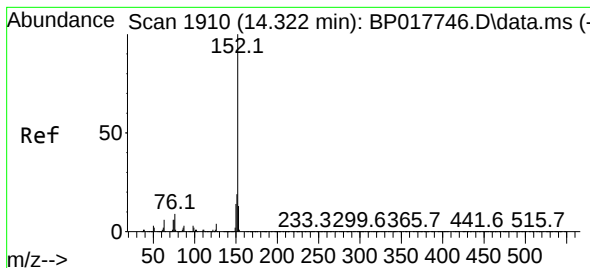


#48
2,6-Dinitrotoluene
Concen: 3.666 ng/ul
RT: 14.216 min Scan# 1892
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17



Tgt Ion:165 Resp: 14128
Ion Ratio Lower Upper
165 100
89 67.7 48.0 72.0
121 24.5 16.6 24.8





#50

Acenaphthylene

Concen: 4.933 ng/ul

RT: 14.322 min Scan# 1910

Delta R.T. 0.012 min

Lab File: BP017749.D

Acq: 23 Oct 2023 12:17

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2023-08

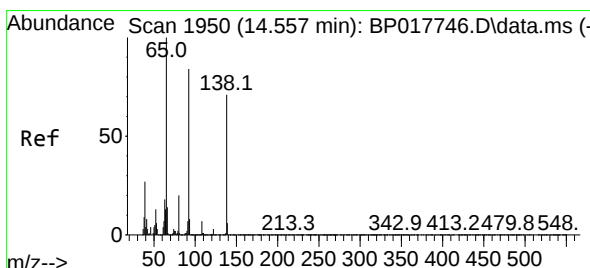
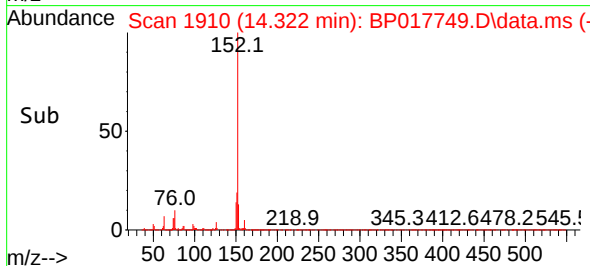
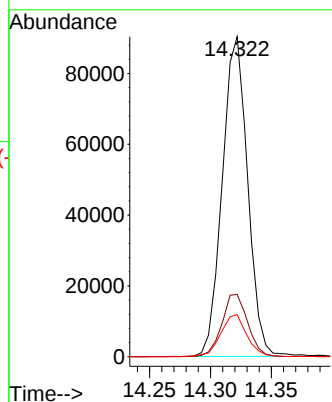
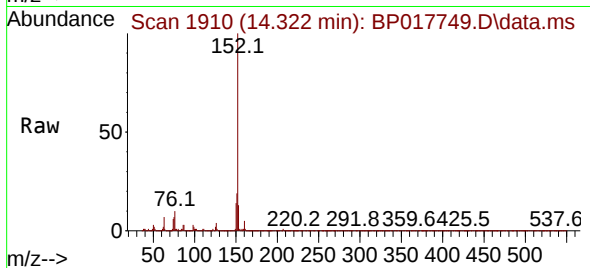
Tgt Ion:	152	Resp:	13092
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.9	23.9
153	13.2	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#51

3-Nitroaniline

Concen: 3.339 ng/ul m

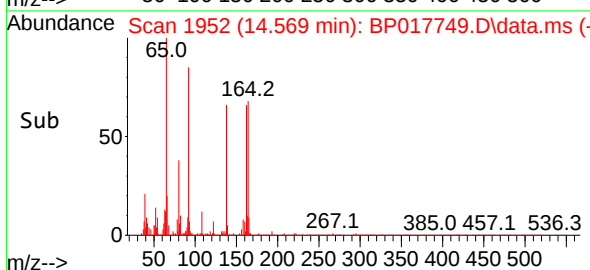
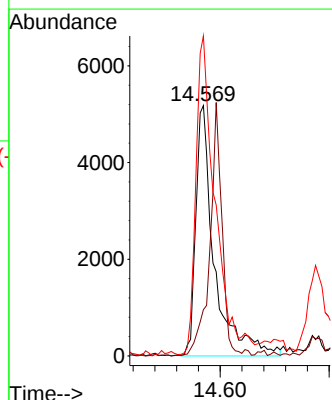
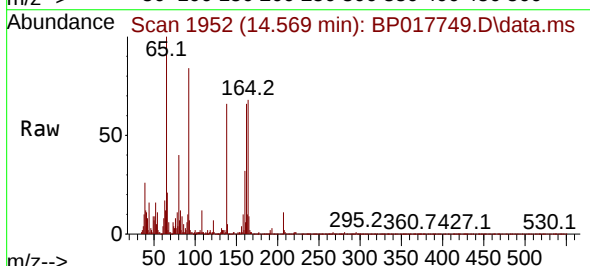
RT: 14.569 min Scan# 1952

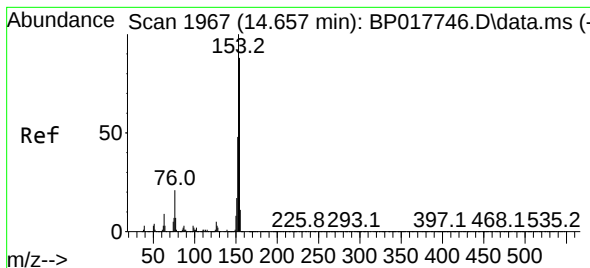
Delta R.T. 0.024 min

Lab File: BP017749.D

Acq: 23 Oct 2023 12:17

Tgt Ion:	138	Resp:	12237
Ion Ratio	Lower	Upper	
138	100		
108	18.5	9.3	13.9
92	127.8	95.2	142.8





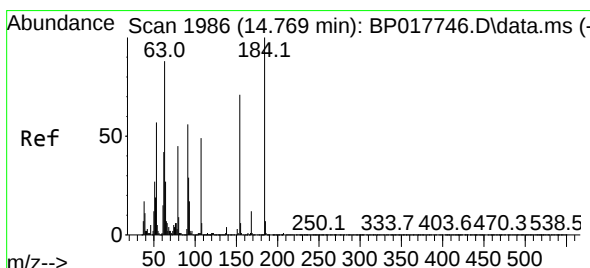
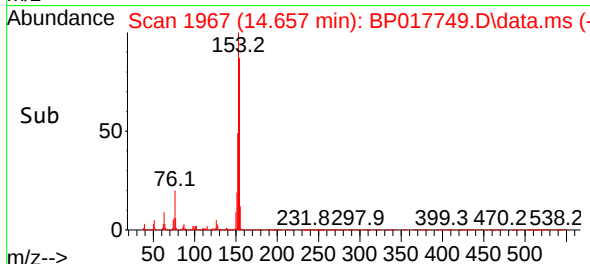
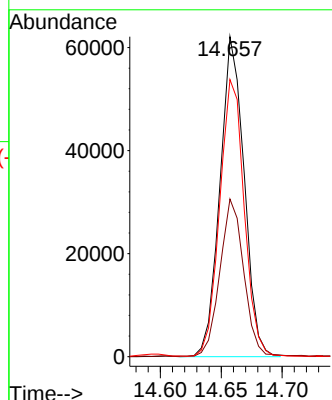
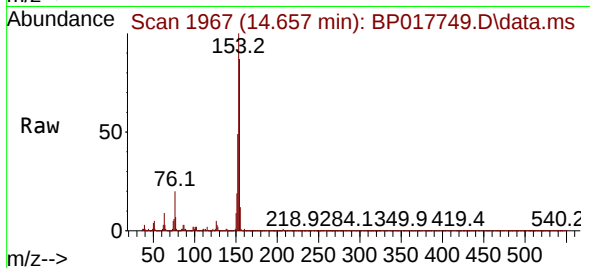
#52
Acenaphthene
Concen: 4.774 ng/ul
RT: 14.657 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08

Tgt Ion:153 Resp: 8563
Ion Ratio Lower Upper
153 100
152 49.2 37.6 56.4
154 86.6 70.0 105.0

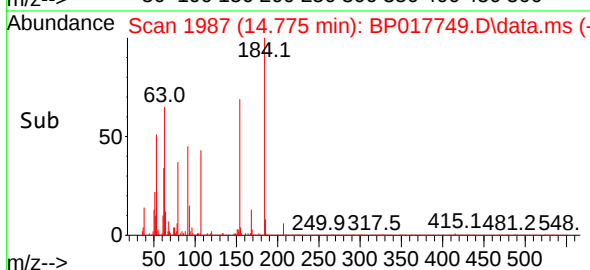
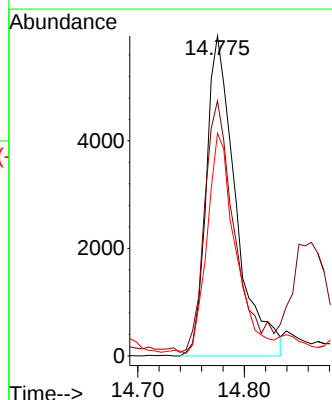
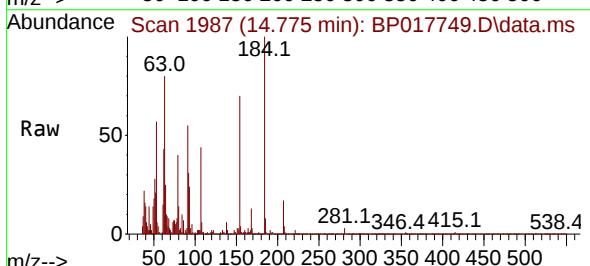
Manual Integrations
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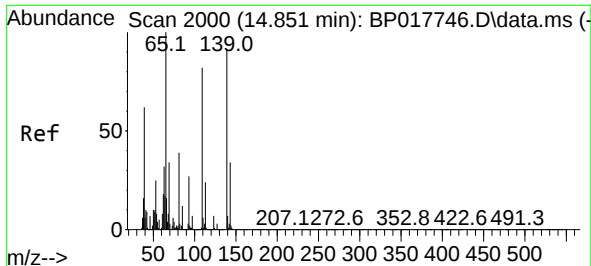
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#53
2,4-Dinitrophenol
Concen: 5.313 ng/ul
RT: 14.775 min Scan# 1987
Delta R.T. 0.018 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

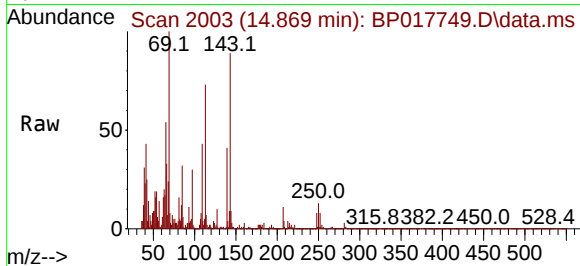
Tgt Ion:184 Resp: 11493
Ion Ratio Lower Upper
184 100
63 79.7 50.6 76.0#
154 69.6 47.9 71.9





#55
4-Nitrophenol
Concen: 3.726 ng/ul m
RT: 14.869 min Scan# 2000
Delta R.T. 0.024 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

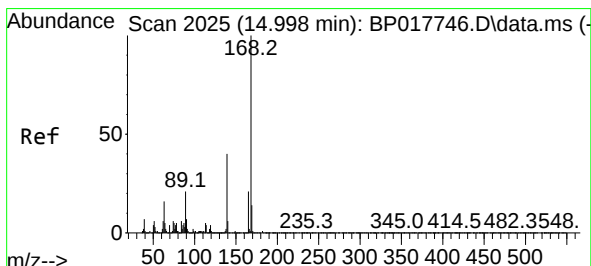
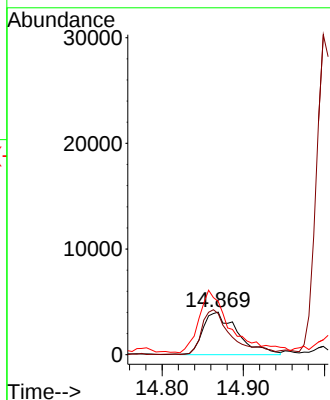
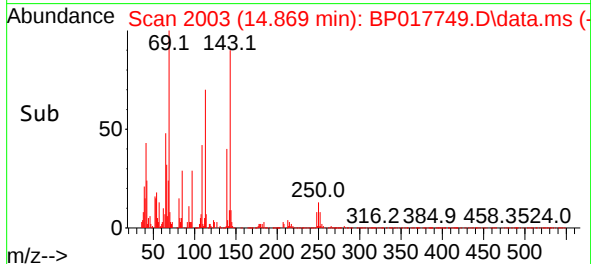
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:109 Resp: 11940
Ion Ratio Lower Upper
109 100
139 96.6 92.9 139.3
65 125.3 94.5 141.7

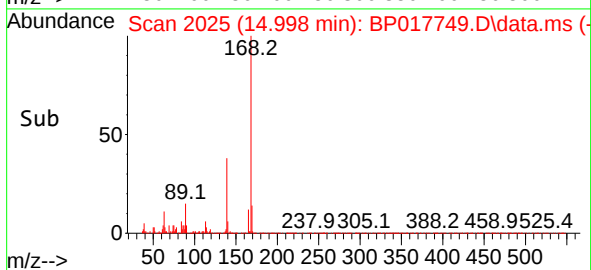
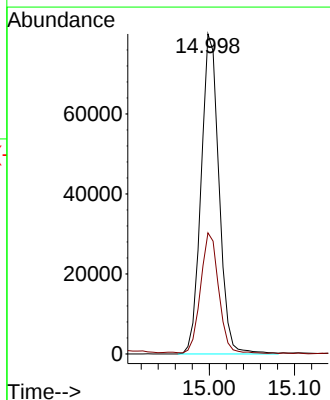
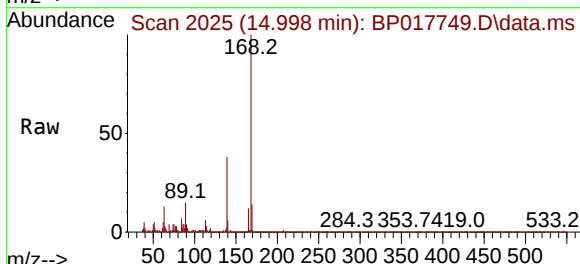
Manual Integrations
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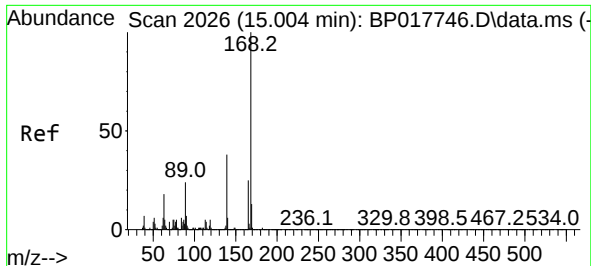
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#56
Dibenzofuran
Concen: 4.642 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

Tgt Ion:168 Resp: 116931
Ion Ratio Lower Upper
168 100
139 37.9 28.6 43.0





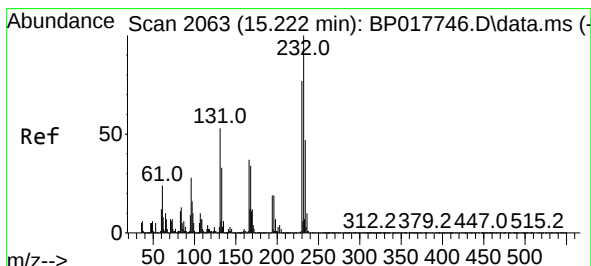
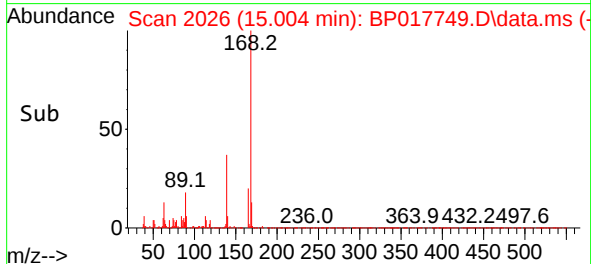
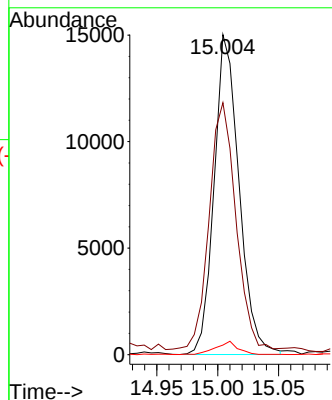
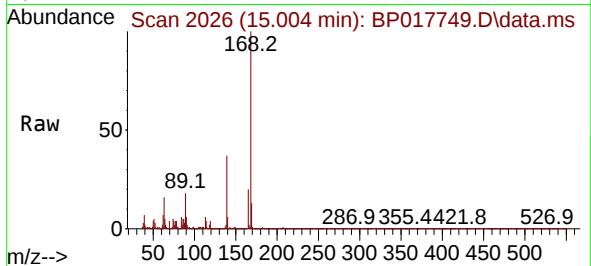
#57
2,4-Dinitrotoluene
Concen: 3.766 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08

Tgt Ion:165 Resp: 21420
Ion Ratio Lower Upper
165 100
63 78.7 51.1 76.7
182 3.0 2.7 4.1

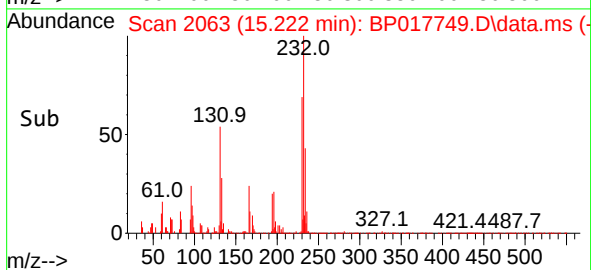
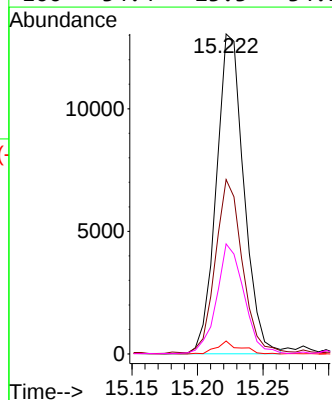
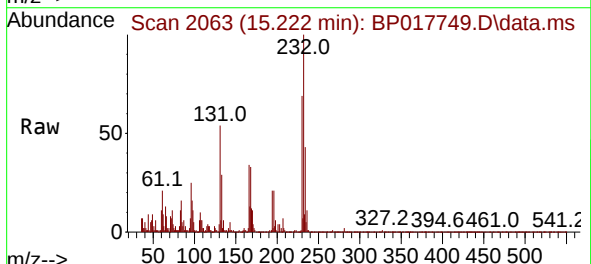
Manual Integrations
APPROVED

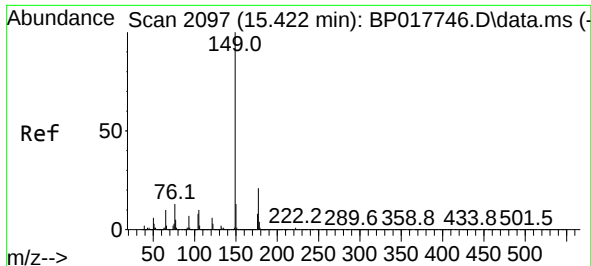
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.692 ng/ul
RT: 15.222 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

Tgt Ion:232 Resp: 19038
Ion Ratio Lower Upper
232 100
131 54.5 32.9 49.3#
130 4.1 1.8 2.8#
166 34.4 23.3 34.9





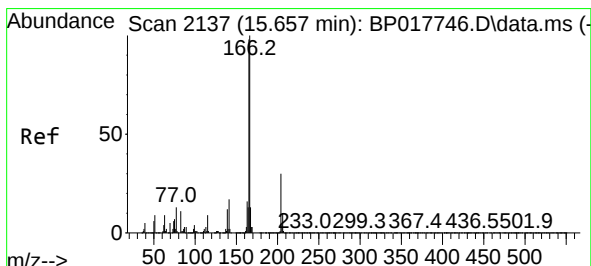
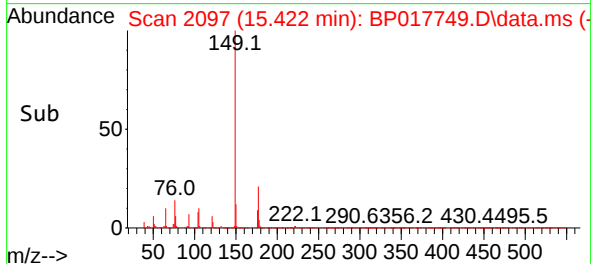
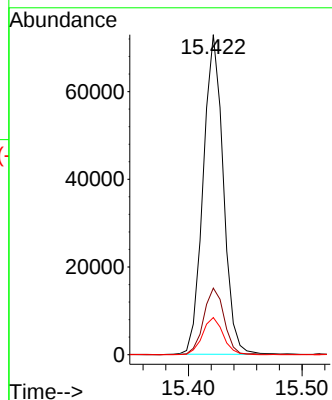
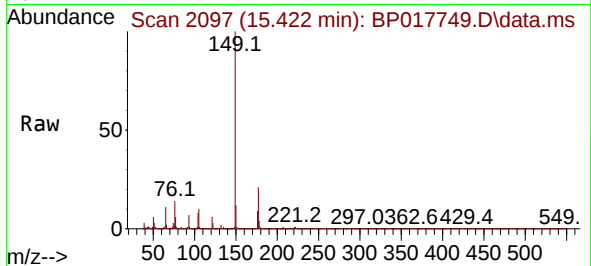
#59
Diethylphthalate
Concen: 4.425 ng/ul
RT: 15.422 min Scan# 2097
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08

Tgt Ion:149 Resp: 8944
Ion Ratio Lower Upper
149 100
177 20.8 18.0 27.0
150 11.6 10.2 15.4

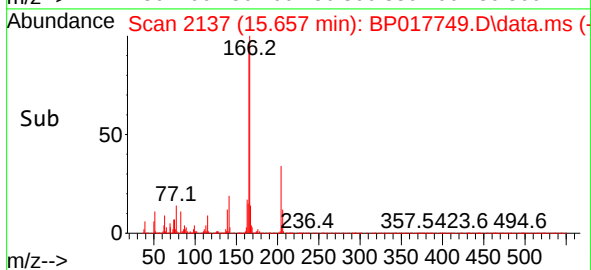
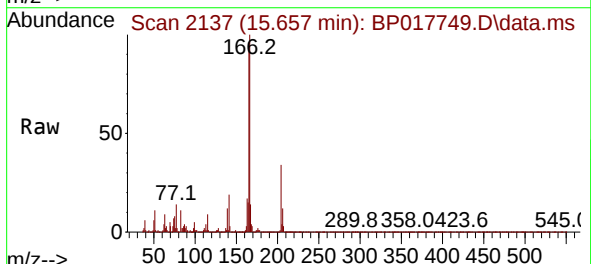
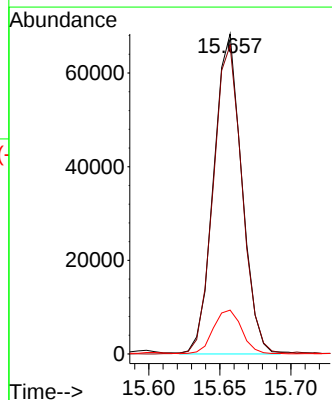
Manual Integrations
APPROVED

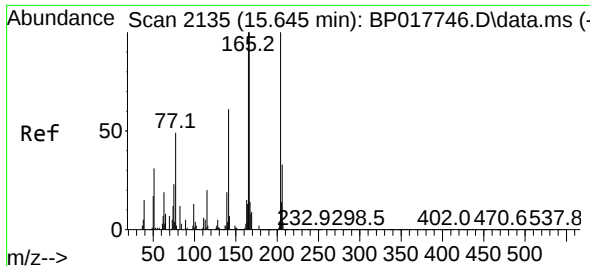
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#61
Fluorene
Concen: 4.539 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

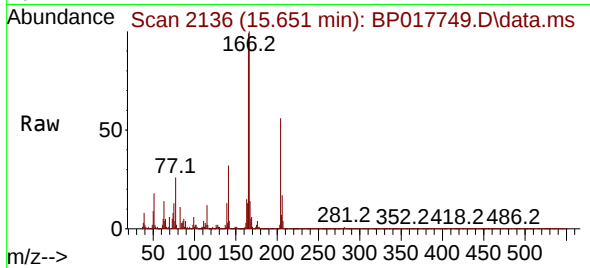
Tgt Ion:166 Resp: 93905
Ion Ratio Lower Upper
166 100
165 96.5 77.4 116.0
167 13.7 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 4.332 ng/ul
RT: 15.651 min Scan# 2135
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

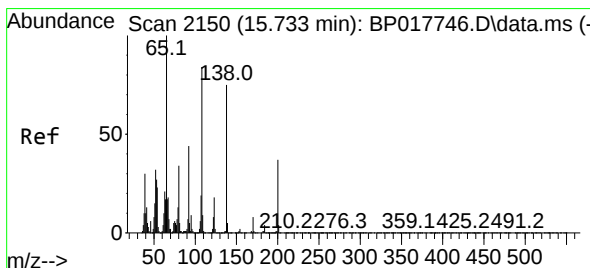
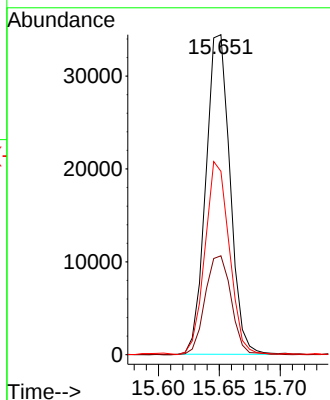
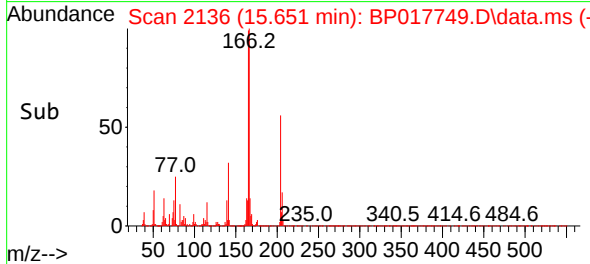
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:204 Resp: 4763
Ion Ratio Lower Upper
204 100
206 30.9 26.2 39.4
141 57.3 42.9 64.3

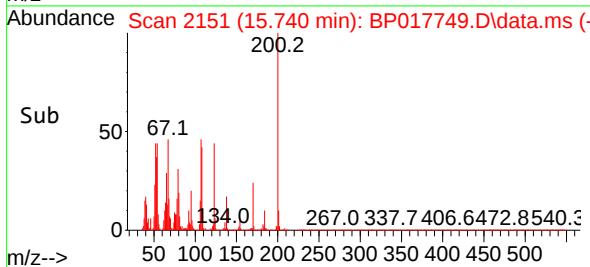
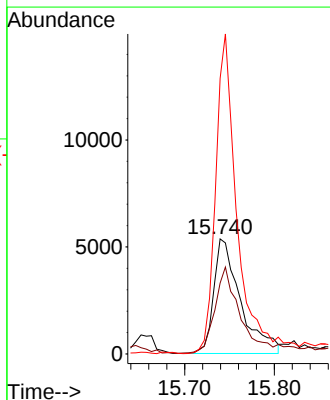
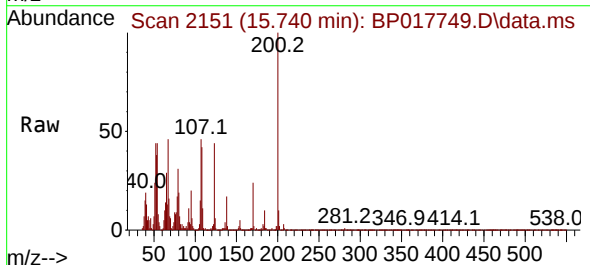
Manual Integrations
APPROVED

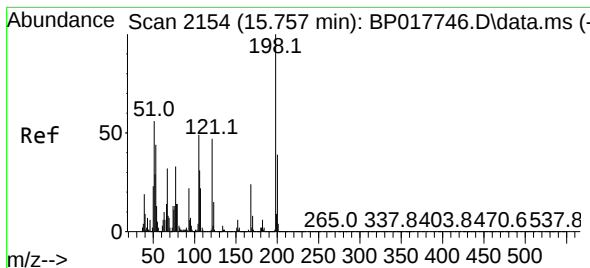
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#63
4-Nitroaniline
Concen: 3.375 ng/ul
RT: 15.740 min Scan# 2151
Delta R.T. 0.018 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

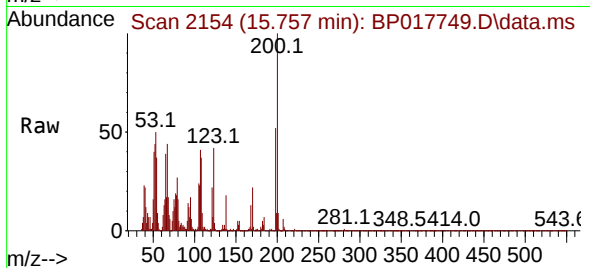
Tgt Ion:138 Resp: 11157
Ion Ratio Lower Upper
138 100
92 61.6 43.0 64.6
108 239.7 82.7 124.1#





#66
4,6-Dinitro-2-methylphenol
Concen: 3.886 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

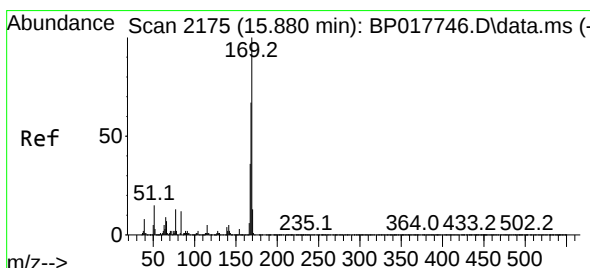
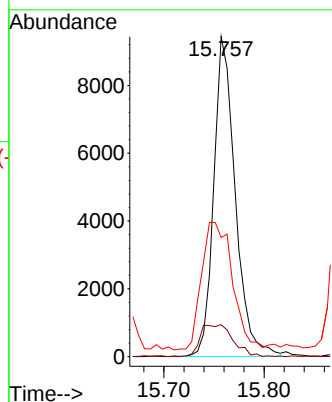
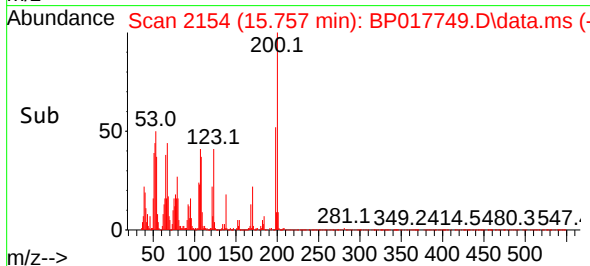
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:198 Resp: 14072
Ion Ratio Lower Upper
198 100
182 10.0 3.9 5.9
77 37.3 19.8 29.8

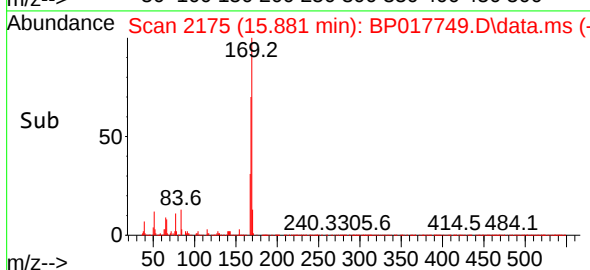
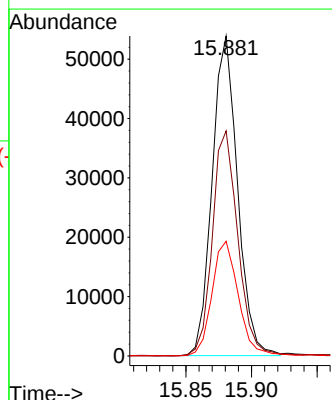
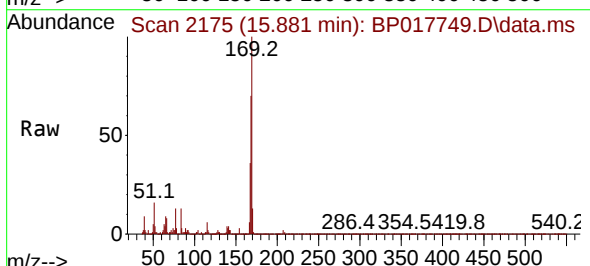
Manual Integrations
APPROVED

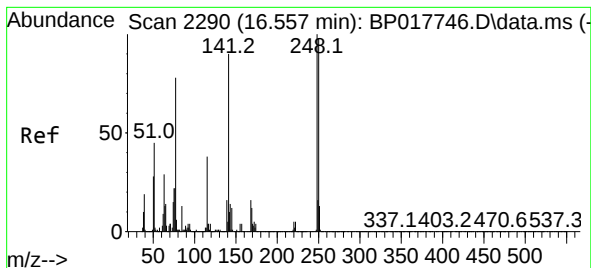
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#67
N-Nitrosodiphenylamine
Concen: 4.658 ng/ul
RT: 15.881 min Scan# 2175
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

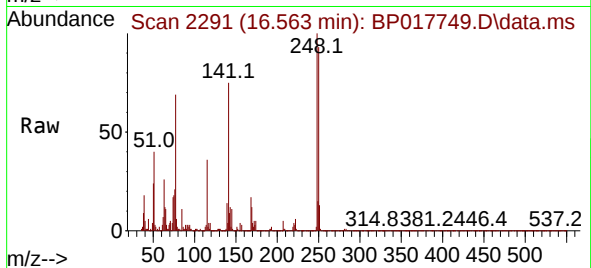
Tgt Ion:169 Resp: 72445
Ion Ratio Lower Upper
169 100
168 70.3 53.7 80.5
167 35.9 29.4 44.0





#68
4-Bromophenyl-phenylether
Concen: 4.122 ng/ul
RT: 16.563 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

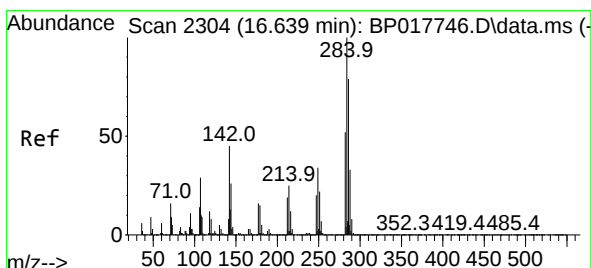
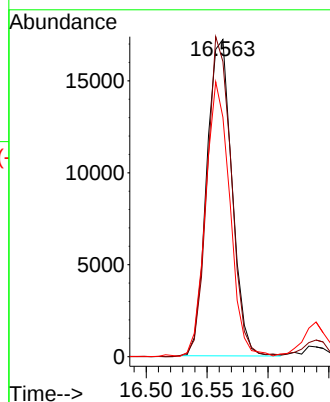
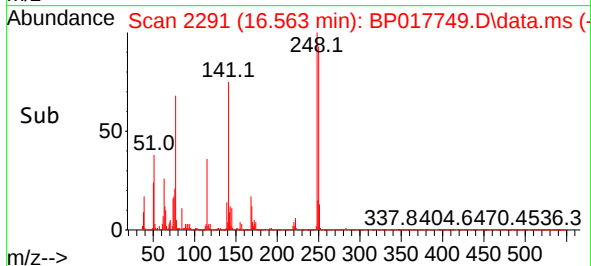
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:248 Resp: 24760
Ion Ratio Lower Upper
248 100
250 93.0 76.8 115.2
141 75.4 52.4 78.6

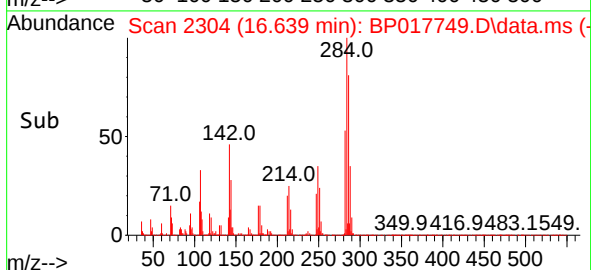
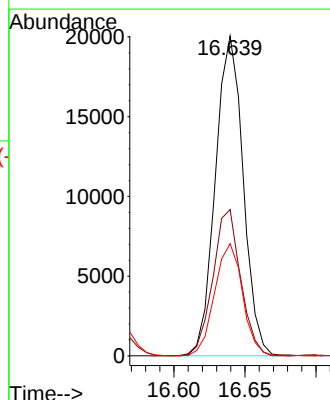
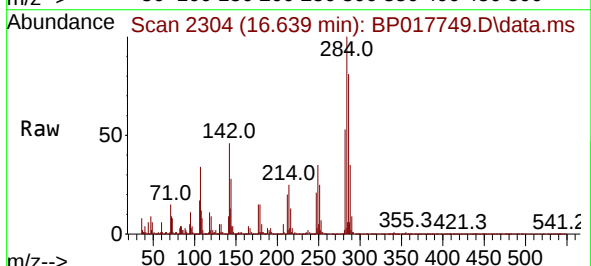
Manual Integrations
APPROVED

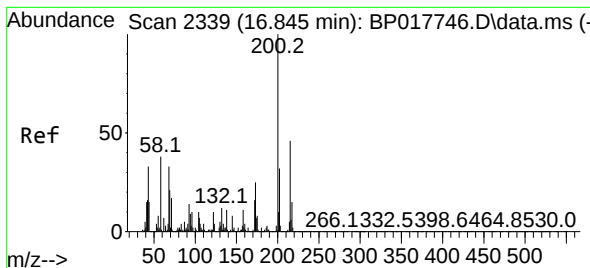
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#69
Hexachlorobenzene
Concen: 3.959 ng/ul
RT: 16.639 min Scan# 2304
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

Tgt Ion:284 Resp: 27296
Ion Ratio Lower Upper
284 100
142 45.8 27.6 41.4#
249 35.1 24.5 36.7





#70

Atrazine

Concen: 3.228 ng/ul

RT: 16.845 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP017749.D

Acq: 23 Oct 2023 12:17

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2023-08

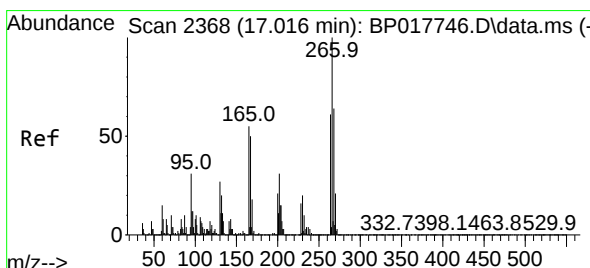
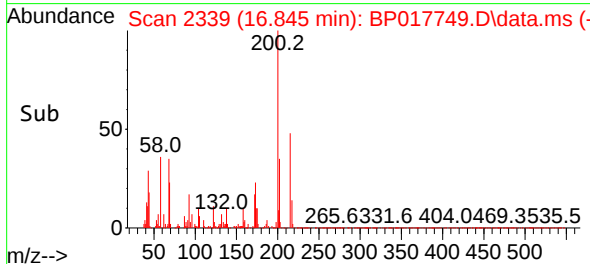
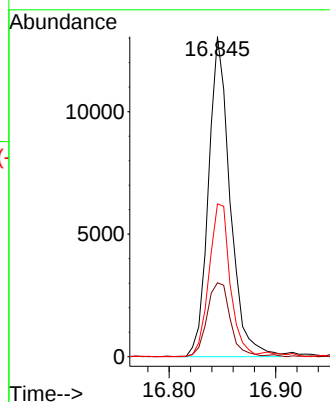
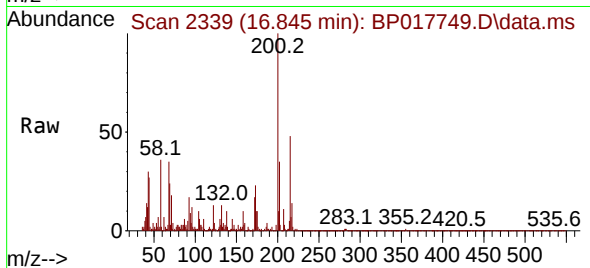
Tgt Ion:	200	Resp:	1845
Ion Ratio	Lower	Upper	
200	100		
173	23.1	19.8	29.6
215	47.8	38.5	57.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#71

Pentachlorophenol

Concen: 5.526 ng/ul

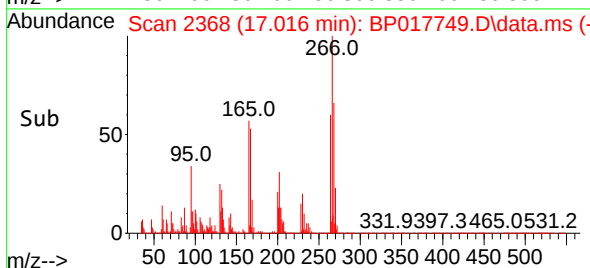
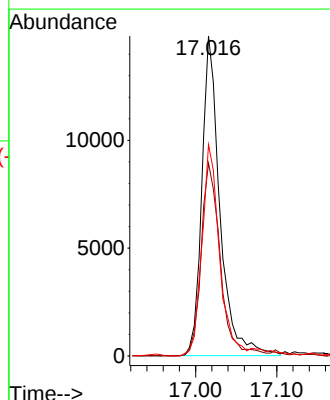
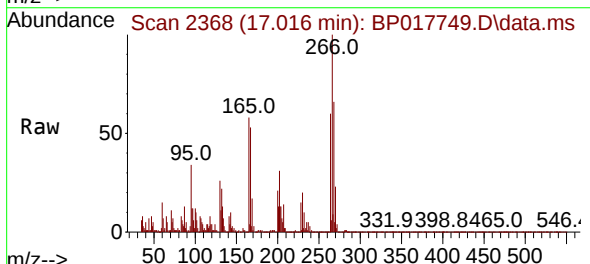
RT: 17.016 min Scan# 2368

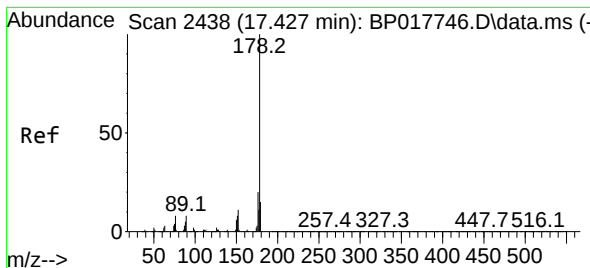
Delta R.T. 0.012 min

Lab File: BP017749.D

Acq: 23 Oct 2023 12:17

Tgt Ion:	266	Resp:	22910
Ion Ratio	Lower	Upper	
266	100		
264	60.3	49.4	74.2
268	66.0	50.3	75.5





#72

Phenanthrene

Concen: 4.884 ng/ul

RT: 17.428 min Scan# 2438

Delta R.T. 0.006 min

Lab File: BP017749.D

Acq: 23 Oct 2023 12:17

Instrument :

BNP_P

ClientSampleId :

MDL-SOIL-QT4-2023-08

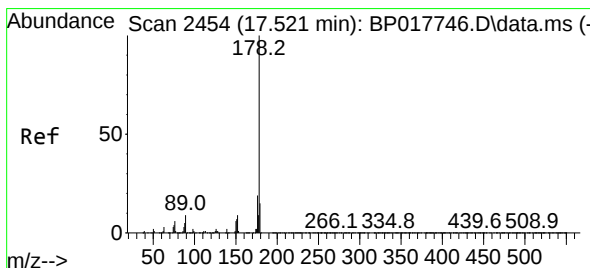
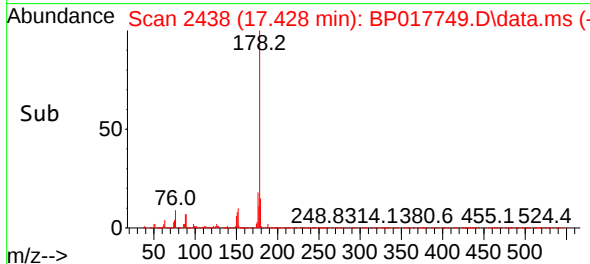
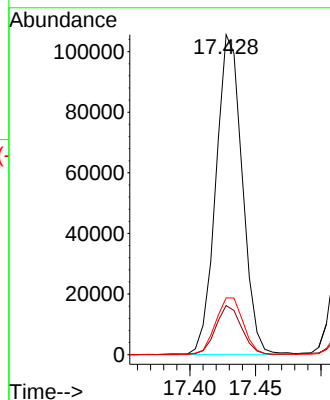
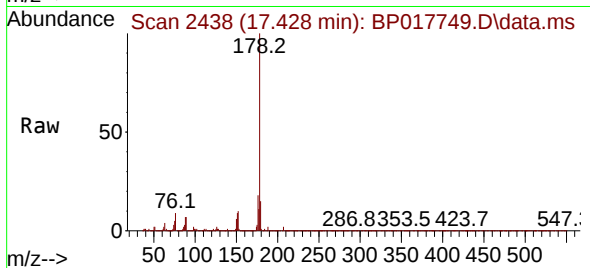
Tgt Ion:178 Resp: 146879
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.2 18.2
 176 17.7 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#74

Anthracene

Concen: 4.581 ng/ul

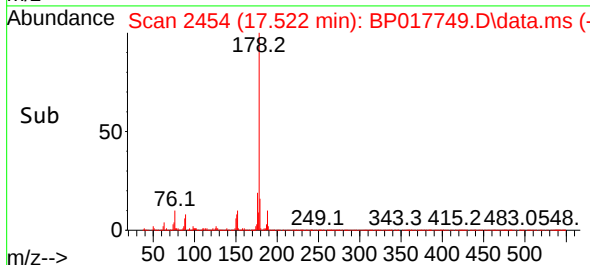
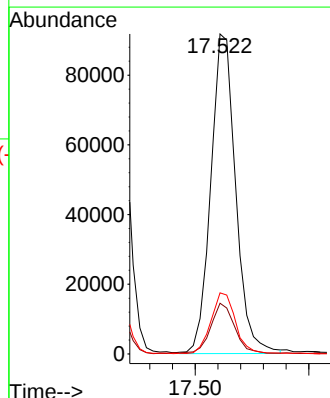
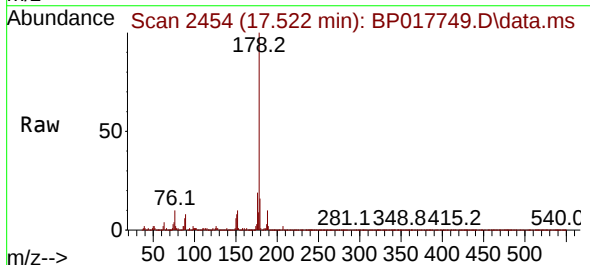
RT: 17.522 min Scan# 2454

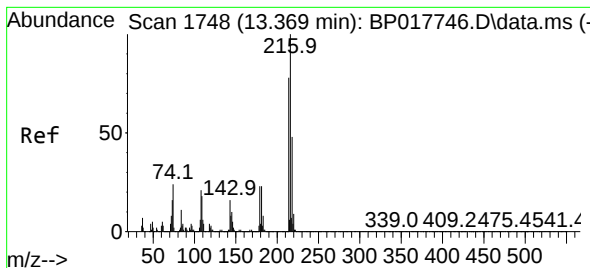
Delta R.T. 0.012 min

Lab File: BP017749.D

Acq: 23 Oct 2023 12:17

Tgt Ion:178 Resp: 139521
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.0 18.0
 176 19.1 14.8 22.2





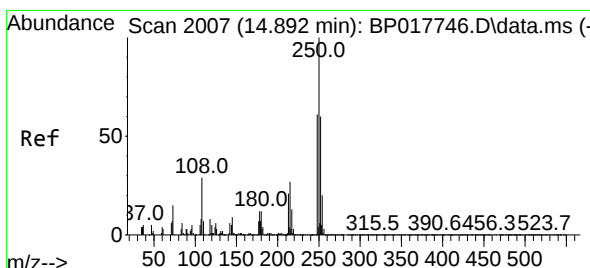
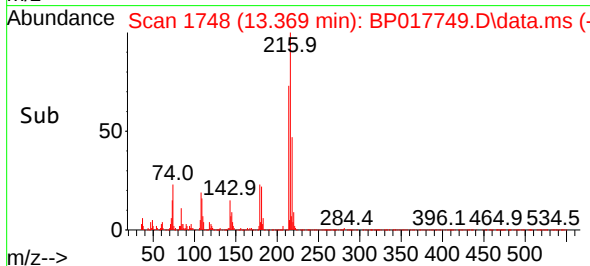
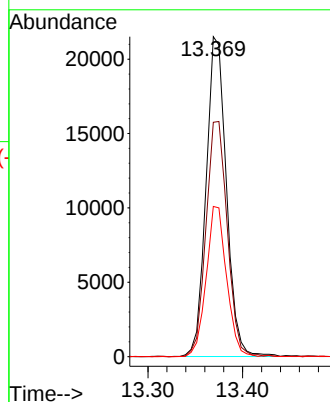
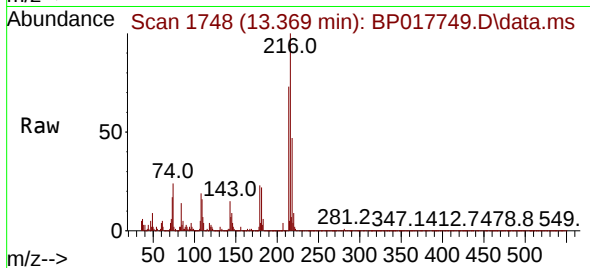
#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.711 ng/uL
RT: 13.369 min Scan# 1748
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT4-2023-08

Tgt Ion:216 Resp: 31964
Ion Ratio Lower Upper
216 100
214 73.2 60.7 91.1
218 47.0 38.2 57.4

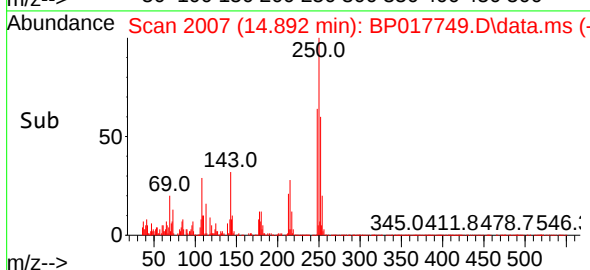
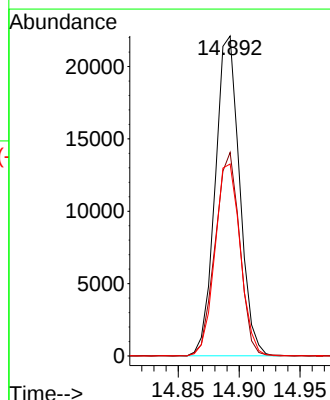
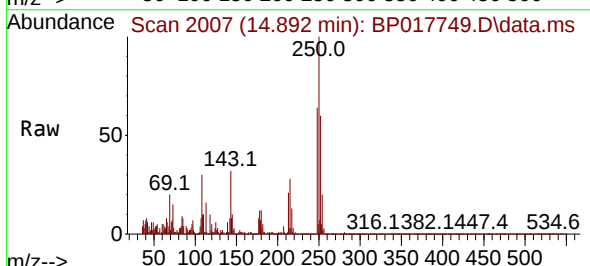
Manual Integrations
APPROVED

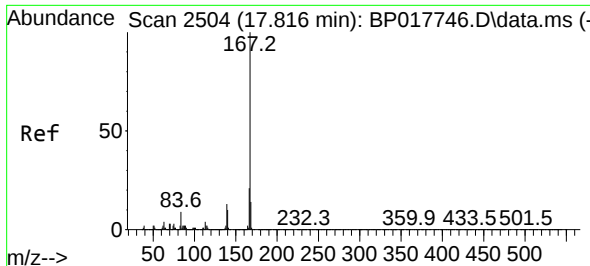
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#76
Pentachlorobenzene
Concen: 3.681 ng/uL
RT: 14.892 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

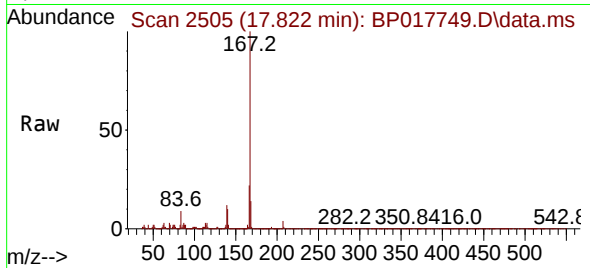
Tgt Ion:250 Resp: 30731
Ion Ratio Lower Upper
250 100
248 63.6 50.2 75.4
252 60.0 49.6 74.4





#77
Carbazole
Concen: 4.083 ng/ul
RT: 17.822 min Scan# 2505
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

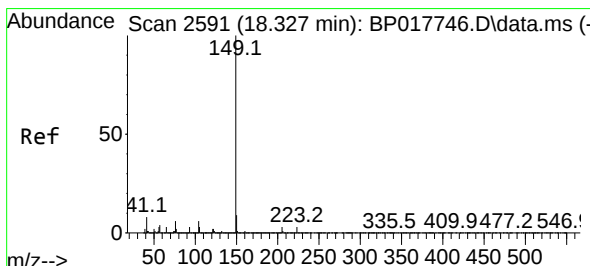
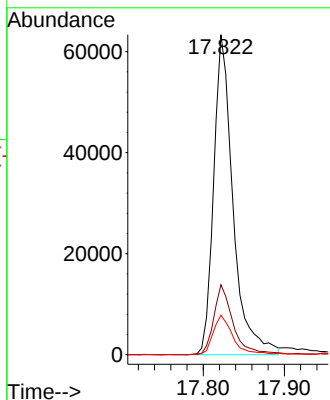
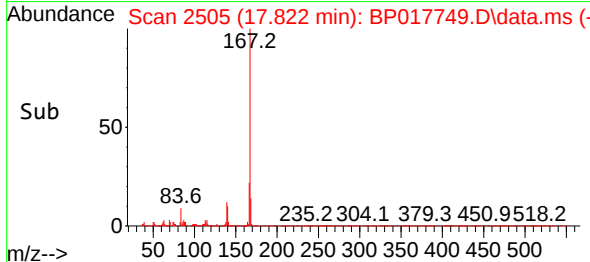
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



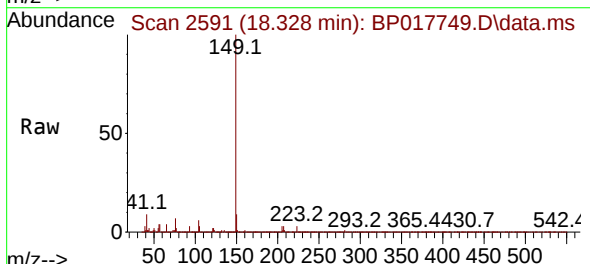
Tgt Ion:167 Resp: 105090
Ion Ratio Lower Upper
167 100
166 21.9 16.7 25.1
139 12.3 9.8 14.6

Manual Integrations
APPROVED

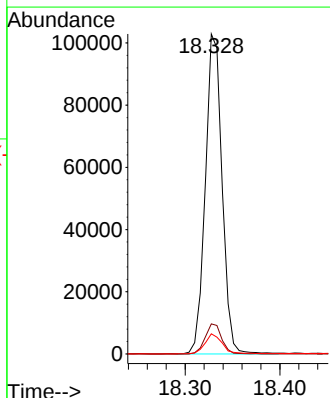
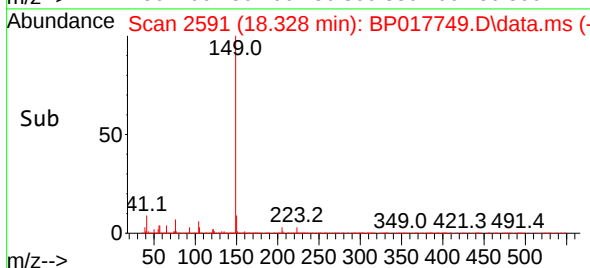
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

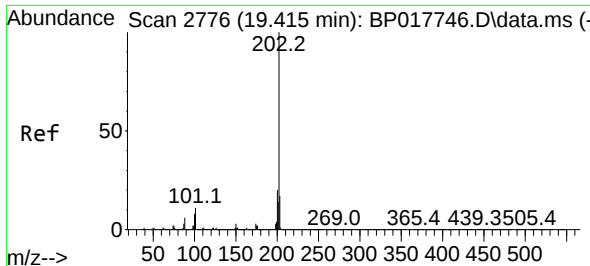


#78
Di-n-butylphthalate
Concen: 4.221 ng/ul
RT: 18.328 min Scan# 2591
Delta R.T. 0.006 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17



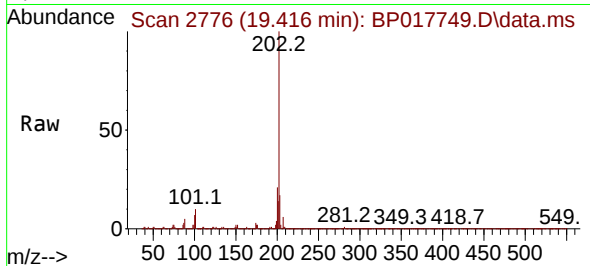
Tgt Ion:149 Resp: 126136
Ion Ratio Lower Upper
149 100
150 9.4 7.2 10.8
104 6.3 4.3 6.5





#80
Fluoranthene
Concen: 3.638 ng/ul
RT: 19.416 min Scan# 2776
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

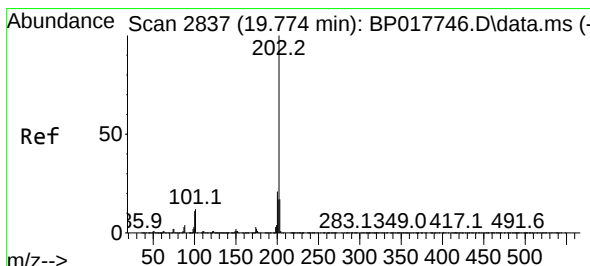
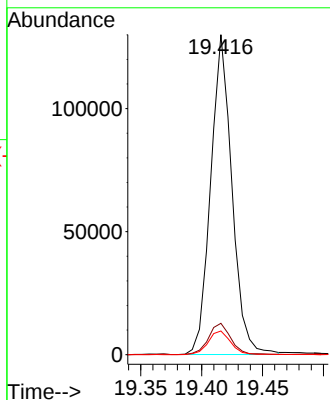
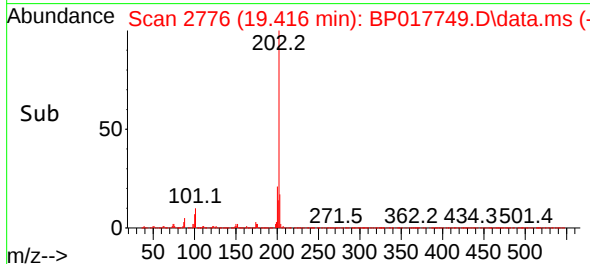
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:202 Resp: 158225
Ion Ratio Lower Upper
202 100
101 9.8 7.1 10.7
100 7.4 5.7 8.5

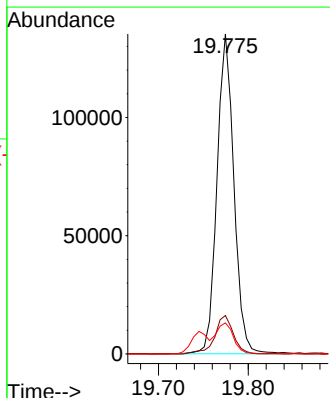
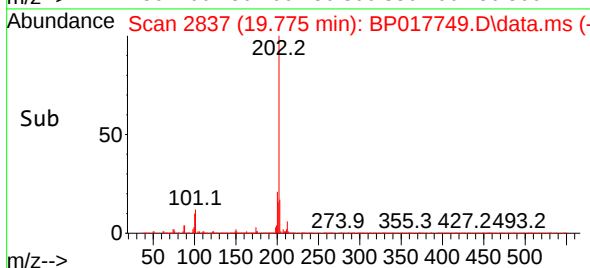
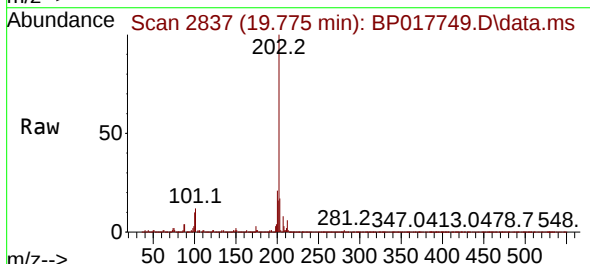
Manual Integrations
APPROVED

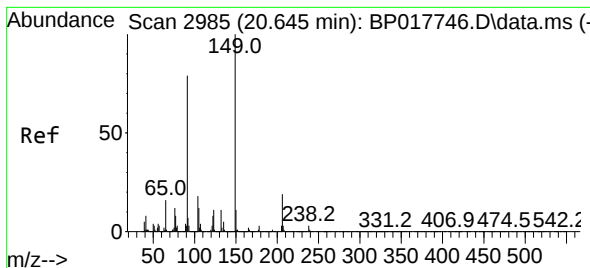
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#82
Pyrene
Concen: 3.843 ng/ul
RT: 19.775 min Scan# 2837
Delta R.T. 0.012 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

Tgt Ion:202 Resp: 177103
Ion Ratio Lower Upper
202 100
101 12.0 8.3 12.5
100 9.7 7.4 11.0





#83

Butylbenzylphthalate

Concen: 3.059 ng/ul

RT: 20.645 min Scan# 2985

Delta R.T. 0.012 min

Lab File: BP017749.D

Acq: 23 Oct 2023 12:17

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2023-08

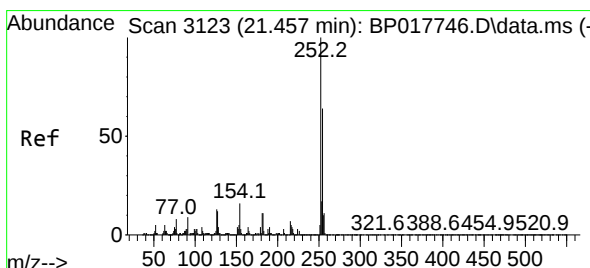
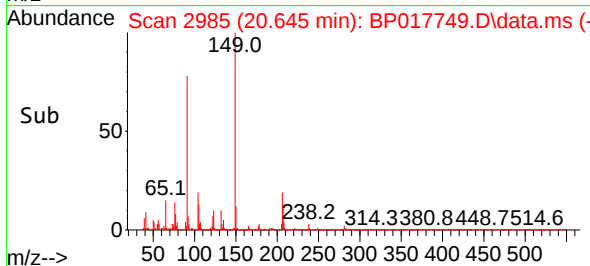
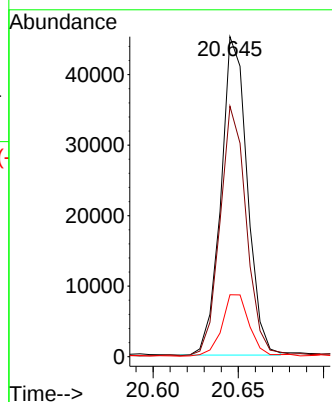
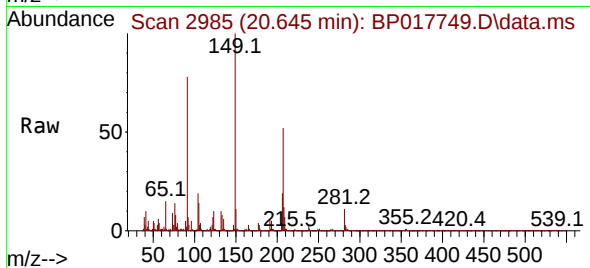
Tgt Ion:	149	Resp:	4847
Ion Ratio	Lower	Upper	
149	100		
91	78.3	58.8	88.2
206	19.4	17.5	26.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.650 ng/ul

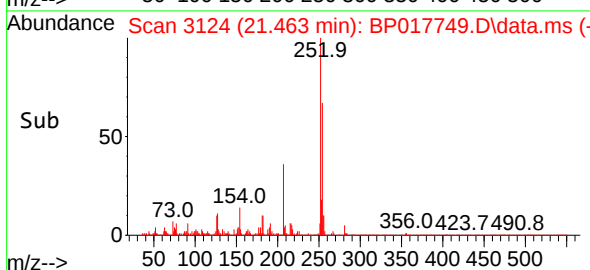
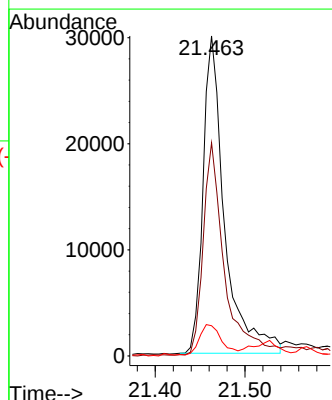
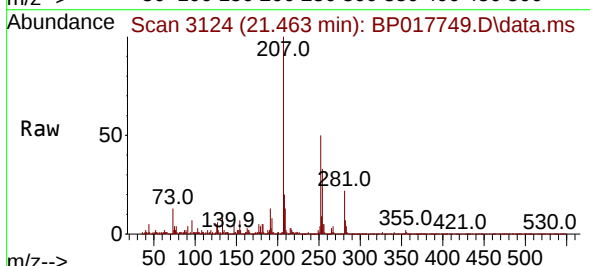
RT: 21.463 min Scan# 3124

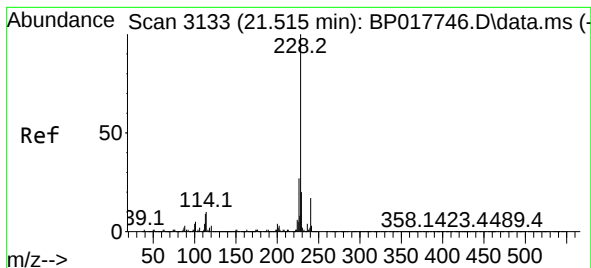
Delta R.T. 0.018 min

Lab File: BP017749.D

Acq: 23 Oct 2023 12:17

Tgt Ion:	252	Resp:	49791
Ion Ratio	Lower	Upper	
252	100		
254	66.6	51.8	77.8
126	9.5	7.8	11.6





#85

Benzo(a)anthracene

Concen: 4.517 ng/ul

RT: 21.510 min Scan# 3133

Delta R.T. 0.012 min

Lab File: BP017749.D

Acq: 23 Oct 2023 12:17

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2023-08

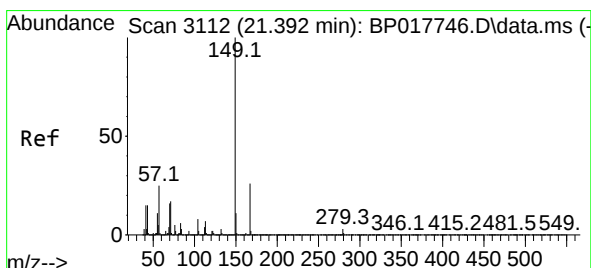
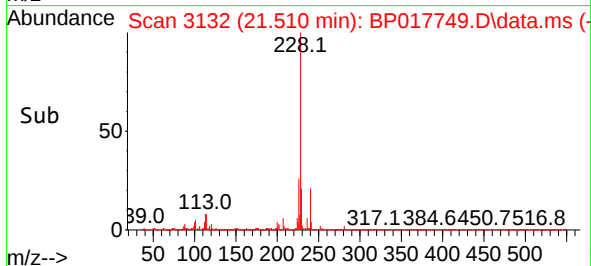
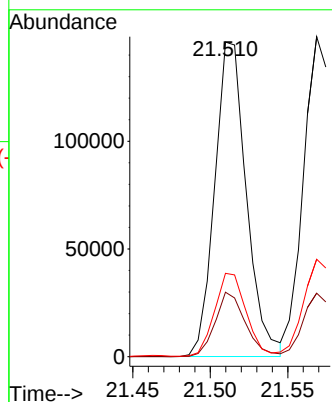
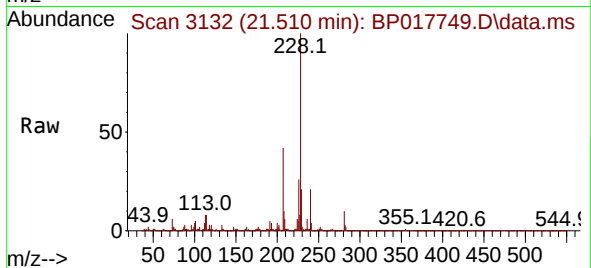
Tgt Ion:	228	Resp:	207319
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.6	23.4
226	26.5	21.1	31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.541 ng/ul

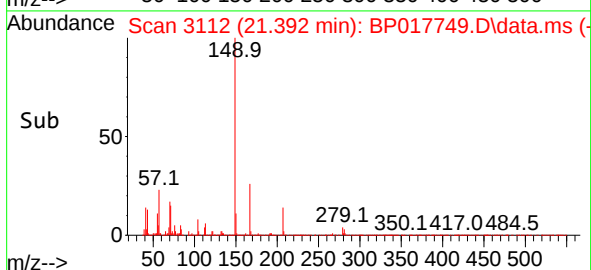
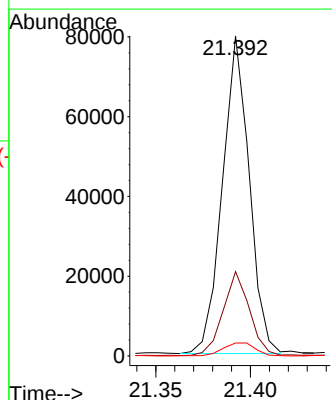
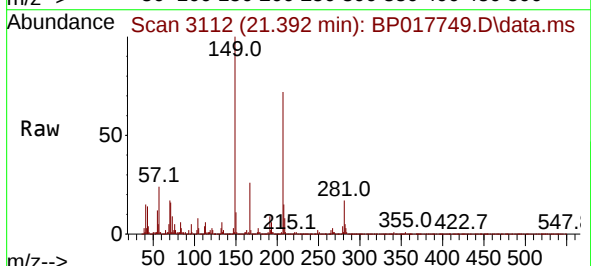
RT: 21.392 min Scan# 3112

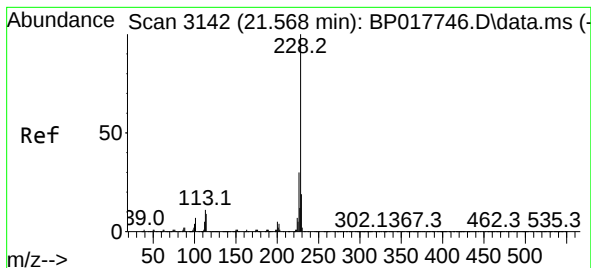
Delta R.T. 0.012 min

Lab File: BP017749.D

Acq: 23 Oct 2023 12:17

Tgt Ion:	149	Resp:	78340
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.6	32.4
279	4.1	3.6	5.4





#87

Chrysene

Concen: 4.767 ng/ul

RT: 21.569 min Scan# 3142

Delta R.T. 0.012 min

Lab File: BP017749.D

Acq: 23 Oct 2023 12:17

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT4-2023-08

Tgt Ion:228 Resp: 20692

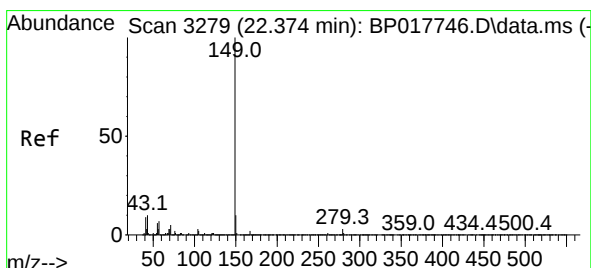
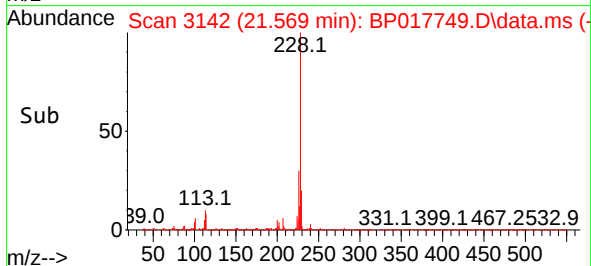
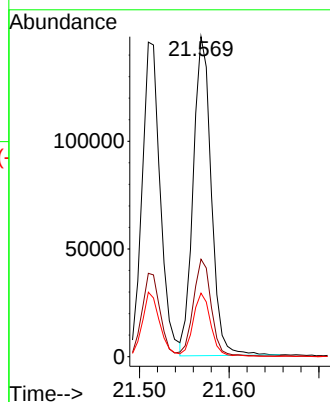
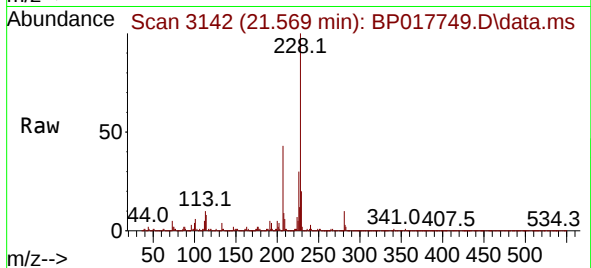
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	19.9	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2023

Supervised By :mohammad ahmed 10/25/2023



#89

Di-n-octyl phthalate

Concen: 3.377 ng/ul

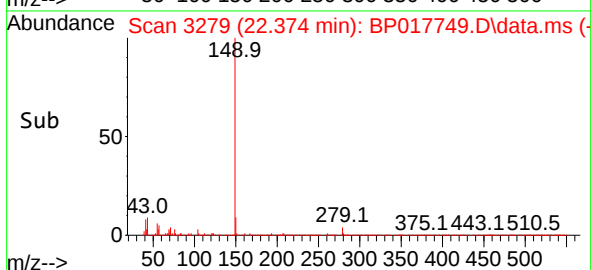
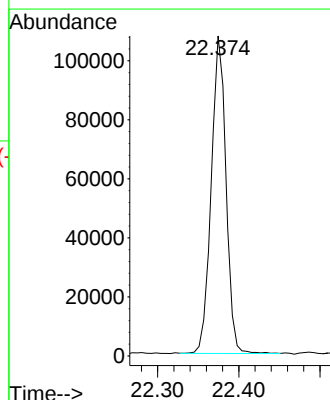
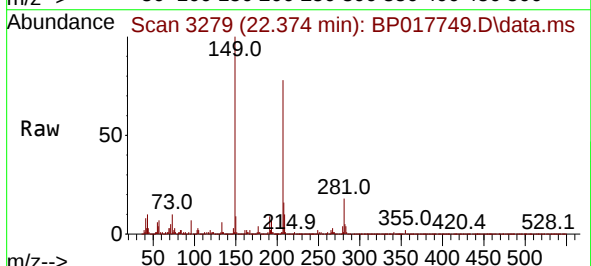
RT: 22.374 min Scan# 3279

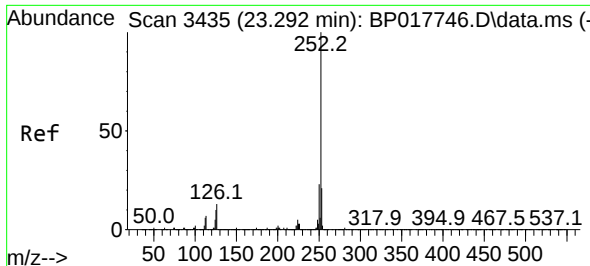
Delta R.T. 0.012 min

Lab File: BP017749.D

Acq: 23 Oct 2023 12:17

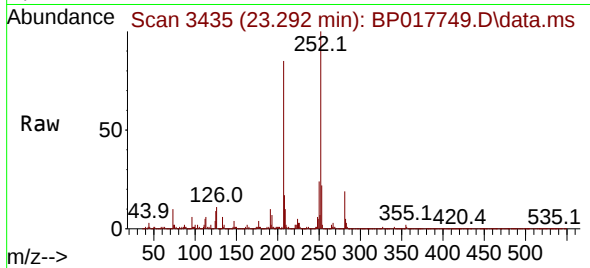
Tgt Ion:149 Resp: 135642





#90
Benzo(b)fluoranthene
Concen: 4.712 ng/ul
RT: 23.292 min Scan# 3435
Delta R.T. 0.018 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

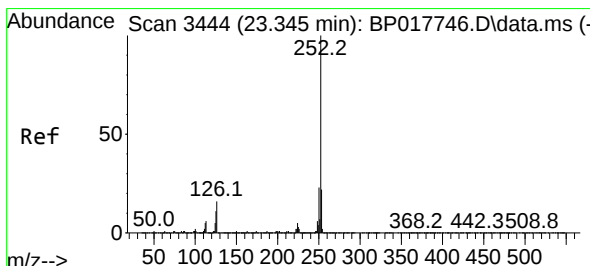
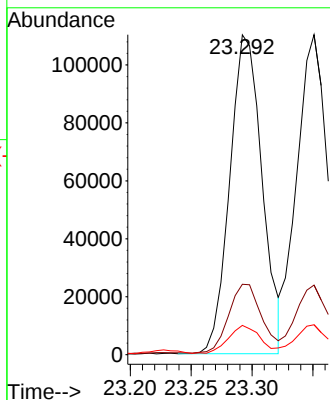
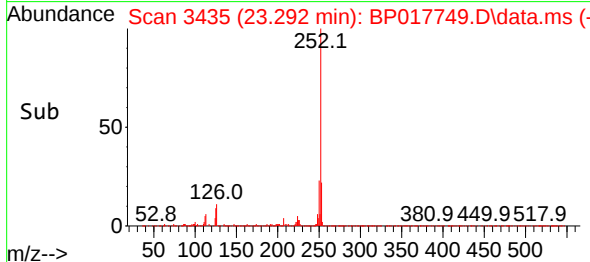
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:252 Resp: 203380
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.1 7.1 10.7

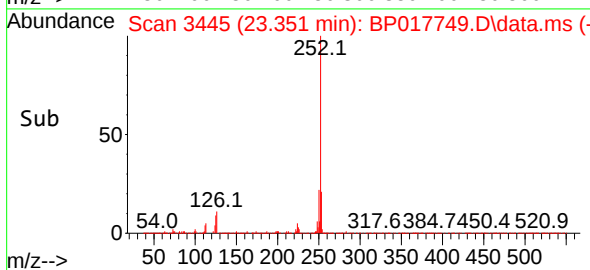
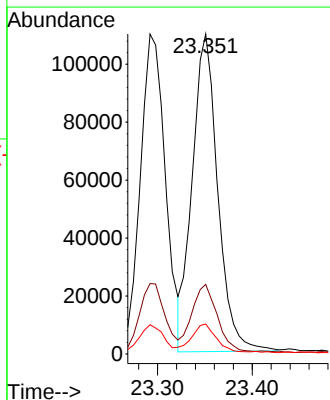
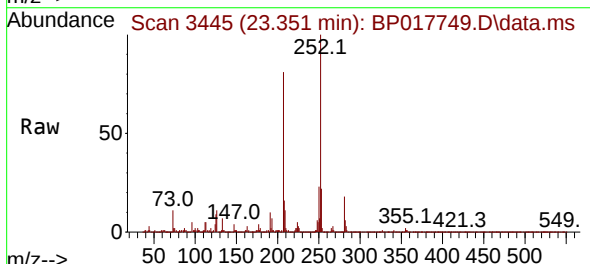
Manual Integrations
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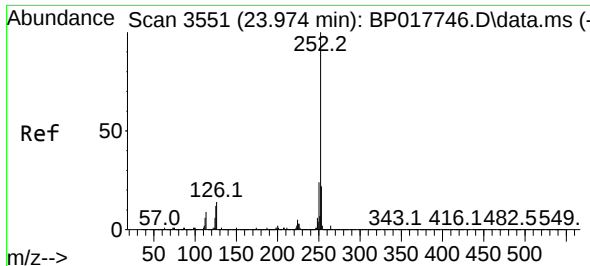
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#91
Benzo(k)fluoranthene
Concen: 4.702 ng/ul
RT: 23.351 min Scan# 3445
Delta R.T. 0.024 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

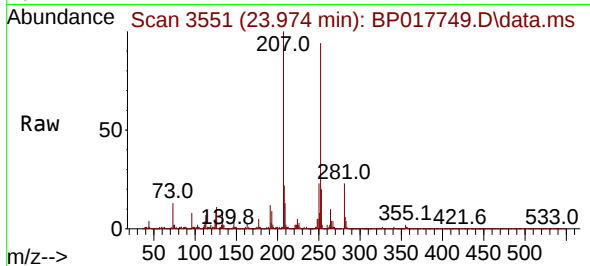
Tgt Ion:252 Resp: 205683
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.3 7.0 10.6





#93
Benzo(a)pyrene
Concen: 4.711 ng/ul
RT: 23.974 min Scan# 3551
Delta R.T. 0.018 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

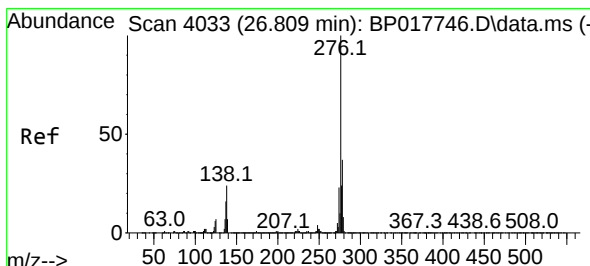
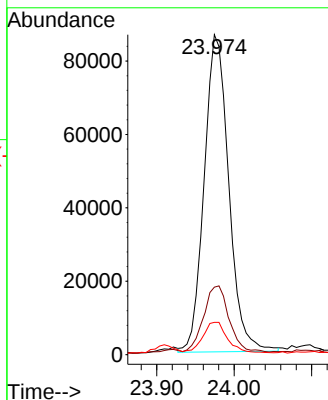
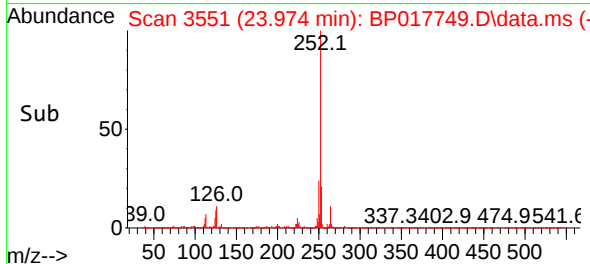
Instrument : BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:252 Resp: 19087
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.2
125 10.1 7.8 11.6

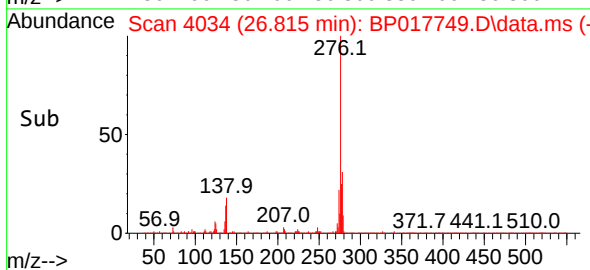
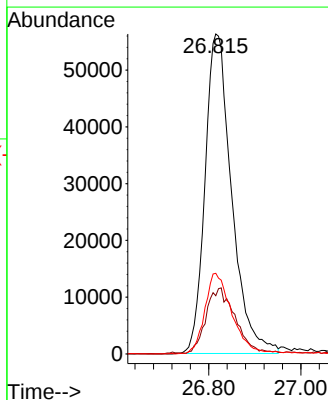
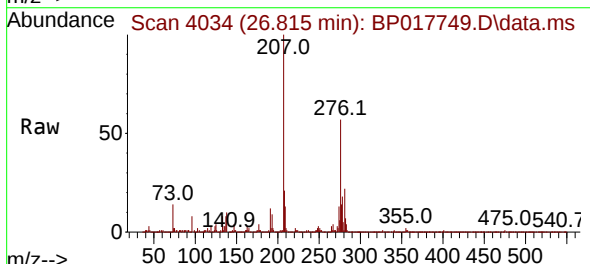
Manual Integrations
APPROVED

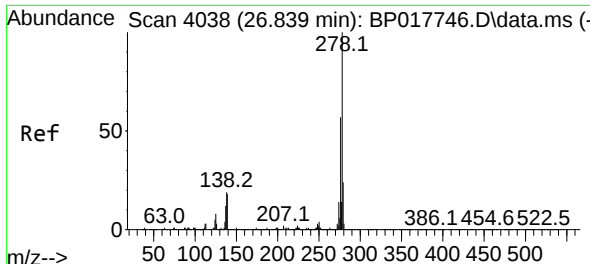
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.688 ng/ul
RT: 26.815 min Scan# 4034
Delta R.T. 0.035 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

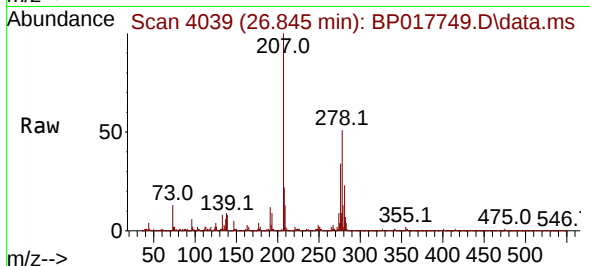
Tgt Ion:276 Resp: 226398
Ion Ratio Lower Upper
276 100
138 18.2 15.6 23.4
277 25.2 19.4 29.2





#95
Dibenzo(a,h)anthracene
Concen: 4.580 ng/ul
RT: 26.845 min Scan# 4038
Delta R.T. 0.035 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

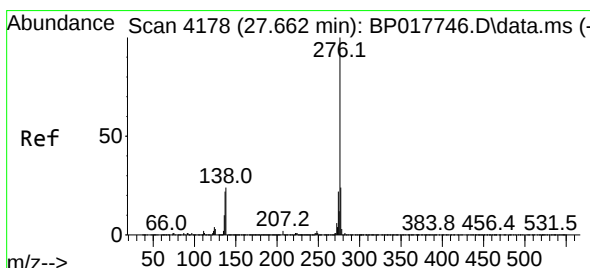
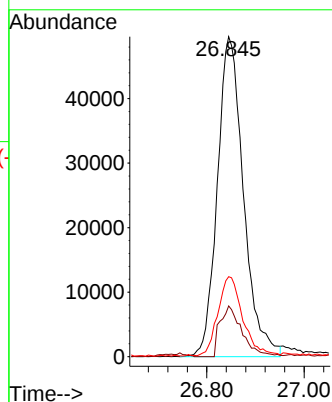
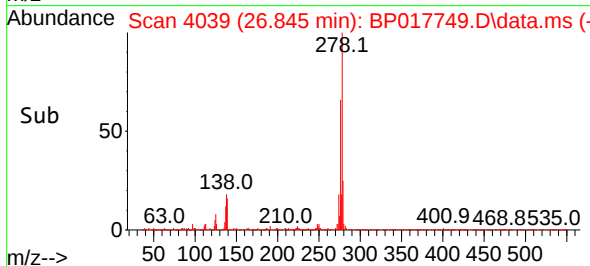
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2023-08



Tgt Ion:278 Resp: 18453
Ion Ratio Lower Upper
278 100
139 15.9 11.4 17.2
279 25.0 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023



#96
Benzo(g,h,i)perylene
Concen: 4.828 ng/ul
RT: 27.668 min Scan# 4179
Delta R.T. 0.041 min
Lab File: BP017749.D
Acq: 23 Oct 2023 12:17

Tgt Ion:276 Resp: 187822
Ion Ratio Lower Upper
276 100
138 18.2 15.0 22.6
277 24.1 18.5 27.7

