

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092724\
 Data File : BP022076.D
 Acq On : 27 Sep 2024 12:14
 Operator : RC/JU
 Sample : P3391-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT3-2024-06

Quant Time: Sep 27 12:41:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	91844	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	337839	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	267126	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	686008	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	880169	20.000	ng/u1	0.00
88) Perylene-d12	24.810	264	1027968	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	11323	4.829	ng/uL	0.00
4) Pyridine-d5	3.634	84	151520	22.607	ng/u1	0.00
7) Phenol-d5	6.887	99	161842	21.542	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	99330	21.471	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	121535	22.359	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	116210	19.520	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	60277	23.838	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	69313	24.176	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	140954	22.639	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	148239	19.954	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	456223	22.094	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	487403	22.294	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	68494	19.392	ng/u1	0.00
60) Fluorene-d10	15.322	176	414510	22.694	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	77462	18.188	ng/u1	0.00
73) Anthracene-d10	17.216	188	607051	18.955	ng/u1	0.00
81) Pyrene-d10	19.592	212	986127	21.626	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.580	264	1251791	23.152	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	2566	1.010	ng/uL	96
5) Pyridine	3.652	79	28494	4.185	ng/u1#	67
6) Benzaldehyde	6.858	77	22298	5.247	ng/u1	96
8) Phenol	6.917	94	31634	4.035	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.134	93	25638	4.272	ng/u1	98
12) 2-Chlorophenol	7.275	128	24223	4.299	ng/u1	98
13) 2-Methylphenol	8.146	108	20666	3.634	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.216	45	22354	4.016	ng/u1#	95
16) Acetophenone	8.511	105	42551	4.297	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.493	70	21480	4.184	ng/u1	98
18) 4-Methylphenol	8.463	108	23942	3.861	ng/u1	94
19) Hexachloroethane	8.769	117	11070	4.161	ng/u1	92
22) Nitrobenzene	8.887	77	35584	4.603	ng/u1	96
23) Isophorone	9.405	82	56166	4.194	ng/u1	95
25) 2-Nitrophenol	9.587	139	14206	4.631	ng/u1	92
26) 2,4-Dimethylphenol	9.652	107	10701	1.540	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.881	93	32981	4.273	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	27802	4.494	ng/u1	97
30) Naphthalene	10.516	128	79280	4.460	ng/u1	97
32) 4-Chloroaniline	10.616	127	28978	3.938	ng/u1	92
33) Hexachlorobutadiene	10.799	225	24972	4.547	ng/u1	94
34) Caprolactam	11.399	113	10415	5.550	ng/u1	89
35) 4-Chloro-3-methylphenol	11.752	107	25538	3.816	ng/u1	99
36) 2-Methylnaphthalene	12.116	142	56021	4.241	ng/u1	100

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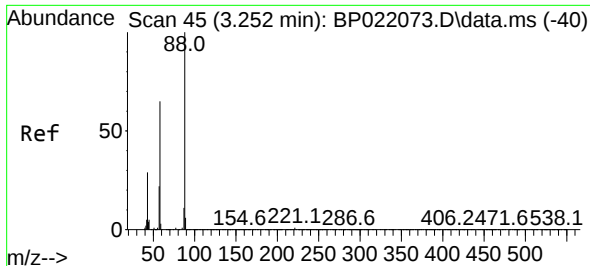
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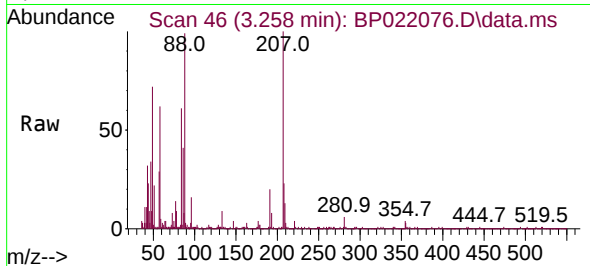
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	58467	4.388	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.499	216	44035	4.446	ng/ul	98
40) Hexachlorocyclopentadiene	12.475	237	19022	3.053	ng/ul	93
41) 2,4,6-Trichlorophenol	12.734	196	23344	3.943	ng/ul	97
42) 2,4,5-Trichlorophenol	12.816	196	25458	3.971	ng/ul	98
43) 1,1'-Biphenyl	13.146	154	80844	4.232	ng/ul	99
44) 2-Chloronaphthalene	13.187	162	68184	4.433	ng/ul	98
45) 2-Nitroaniline	13.393	65	16847	3.788	ng/ul	96
47) Dimethylphthalate	13.763	163	88219	4.254	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	15053	3.786	ng/ul	97
50) Acenaphthylene	14.034	152	102588	4.500	ng/ul	98
51) 3-Nitroaniline	14.228	138	12097	3.342	ng/ul	84
52) Acenaphthene	14.381	153	70805	4.274	ng/ul	99
53) 2,4-Dinitrophenol	14.434	184	8744	3.232	ng/ul	90
55) 4-Nitrophenol	14.546	109	18945	4.741	ng/ul#	87
56) Dibenzofuran	14.716	168	107703	4.373	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	23657	3.861	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	14.957	232	26079	4.226	ng/ul	96
59) Diethylphthalate	15.157	149	88346	4.304	ng/ul	97
61) Fluorene	15.375	166	87309	4.263	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.375	204	52195	4.426	ng/ul	92
63) 4-Nitroaniline	15.398	138	13995	3.799	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.451	198	17343	3.740	ng/ul#	78
67) N-Nitrosodiphenylamine	15.604	169	75114	4.157	ng/ul	98
68) 4-Bromophenyl-phenylether	16.293	248	37043	4.497	ng/ul	98
69) Hexachlorobenzene	16.404	284	47039	4.702	ng/ul	96
70) Atrazine	16.575	200	34100	4.231	ng/ul	100
71) Pentachlorophenol	16.757	266	36456	5.462	ng/ul	99
72) Phenanthrene	17.151	178	155486	4.323	ng/ul	98
74) Anthracene	17.251	178	135095	3.691	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.099	216	41723	4.053	ng/uL	99
76) Pentachlorobenzene	14.646	250	51279	4.530	ng/uL	98
77) Carbazole	17.528	167	130365	4.041	ng/ul	99
78) Di-n-butylphthalate	18.128	149	152508	4.100	ng/ul	99
80) Fluoranthene	19.239	202	211548	4.059	ng/ul	99
82) Pyrene	19.616	202	227102	4.048	ng/ul#	95
83) Butylbenzylphthalate	20.569	149	72513	3.709	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.439	252	68642	3.406	ng/ul#	98
85) Benzo(a)anthracene	21.510	228	259639	4.280	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	113368	3.952	ng/ul	99
87) Chrysene	21.580	228	239070	4.200	ng/ul	99
89) Di-n-octyl phthalate	22.704	149	189136	3.724	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	280704	4.399	ng/ul	98
91) Benzo(k)fluoranthene	23.839	252	276701	4.351	ng/ul	99
93) Benzo(a)pyrene	24.651	252	257275	4.375	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.527	276	351853m	4.589	ng/ul	
95) Dibenzo(a,h)anthracene	28.604	278	294156	4.763	ng/ul#	96
96) Benzo(g,h,i)perylene	29.645	276	282781m	4.753	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.010 ng/uL
RT: 3.258 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP022076.D
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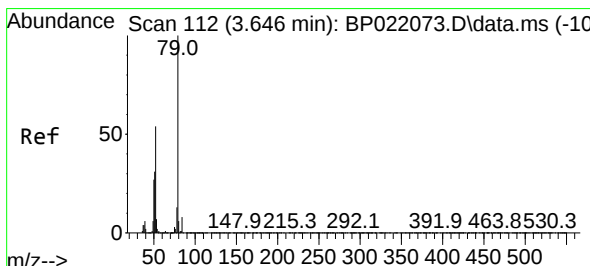
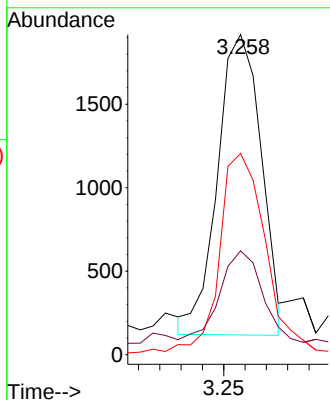
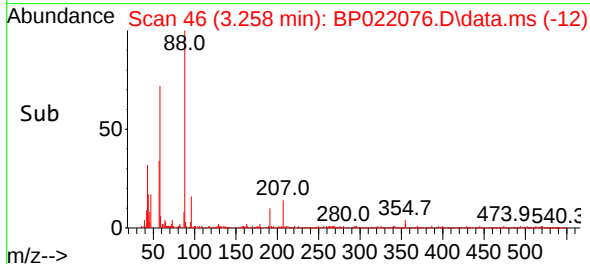
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 88 Resp: 2560
Ion Ratio Lower Upper
88 100
43 32.4 22.1 33.1
58 62.9 49.3 73.9

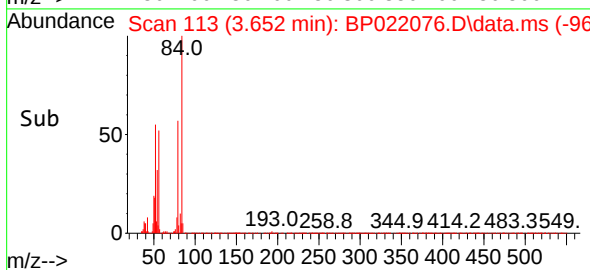
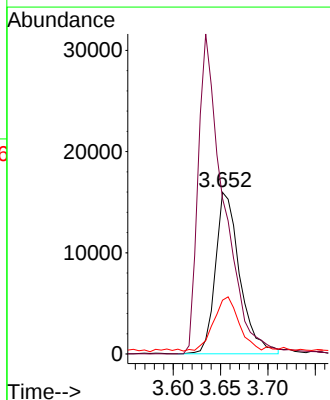
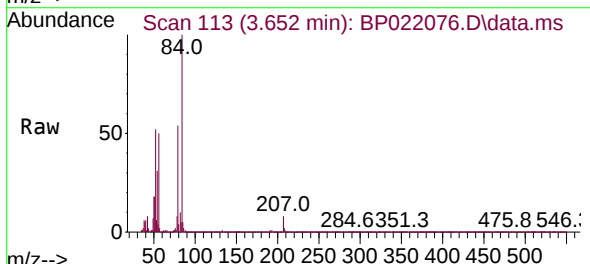
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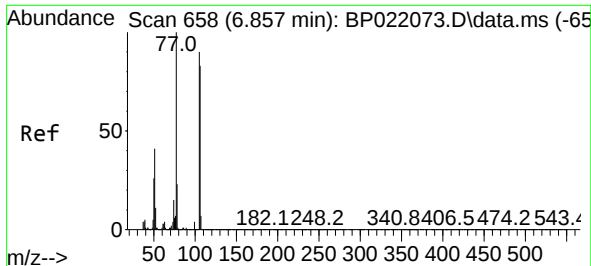
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#5
Pyridine
Concen: 4.185 ng/uL
RT: 3.652 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

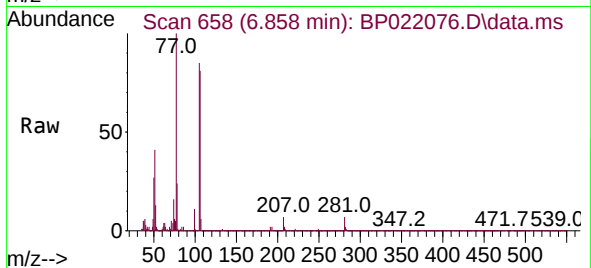
Tgt Ion: 79 Resp: 28494
Ion Ratio Lower Upper
79 100
52 96.2 47.3 70.9#
51 33.2 25.3 37.9





#6
Benzaldehyde
Concen: 5.247 ng/ul
RT: 6.858 min Scan# 658
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

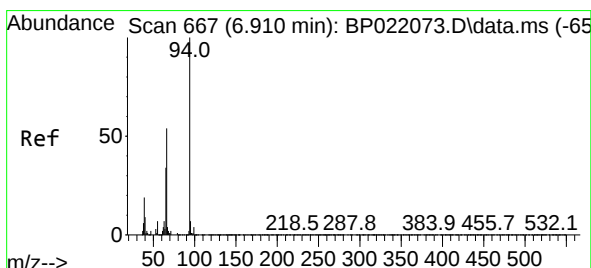
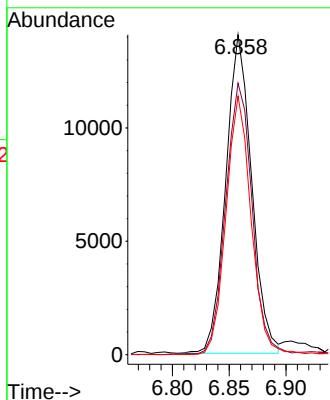
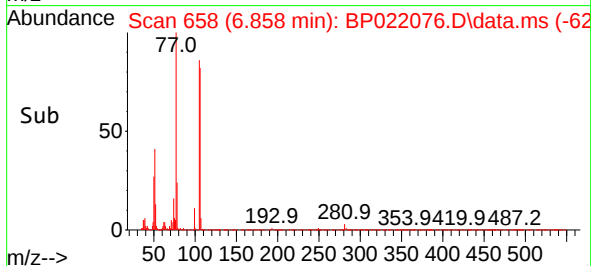
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2024-06



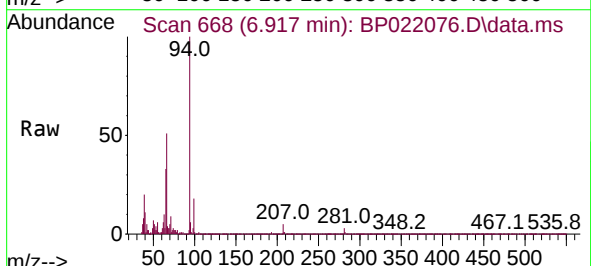
Tgt Ion: 77 Resp: 22298
Ion Ratio Lower Upper
77 100
105 84.9 70.6 106.0
106 80.8 67.4 101.0

Manual Integrations
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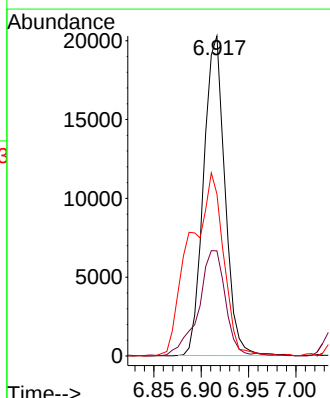
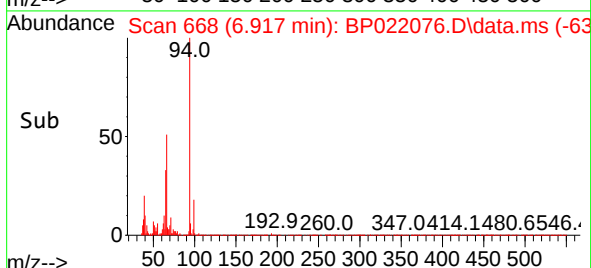
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

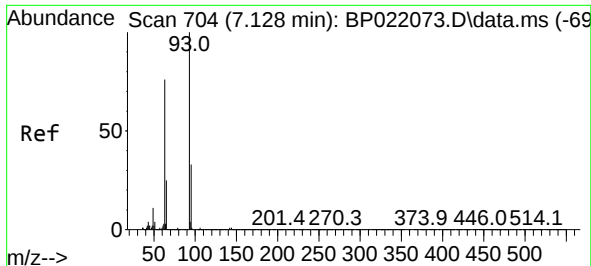


#8
Phenol
Concen: 4.035 ng/ul
RT: 6.917 min Scan# 668
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14



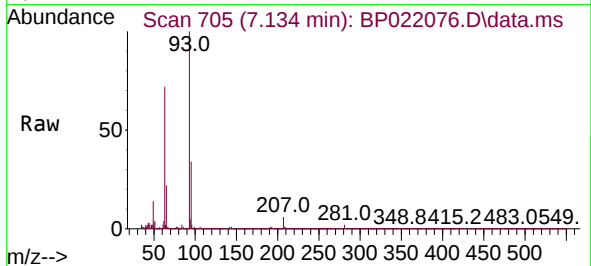
Tgt Ion: 94 Resp: 31634
Ion Ratio Lower Upper
94 100
65 32.9 26.6 40.0
66 50.6 39.6 59.4





#10
Bis(2-Chloroethyl)ether
Concen: 4.272 ng/ul
RT: 7.134 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

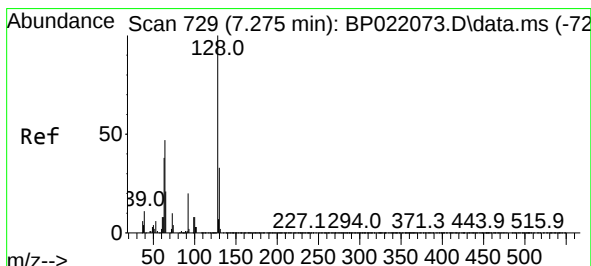
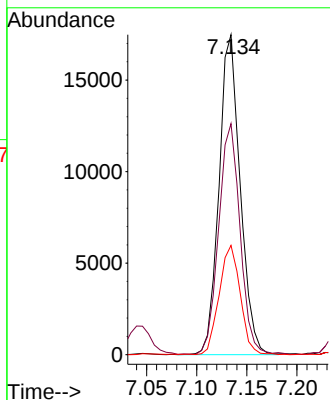
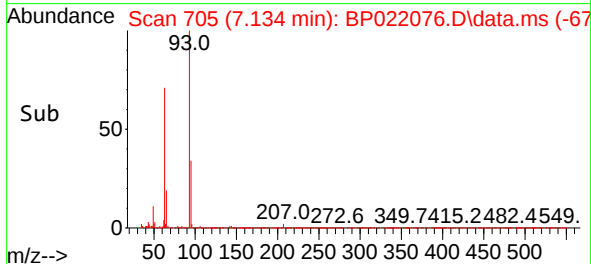
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 93 Resp: 25638
Ion Ratio Lower Upper
93 100
63 72.2 57.7 86.5
95 34.2 24.9 37.3

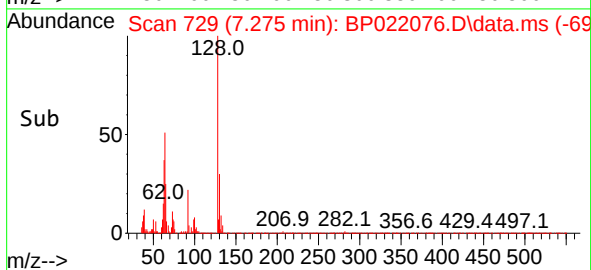
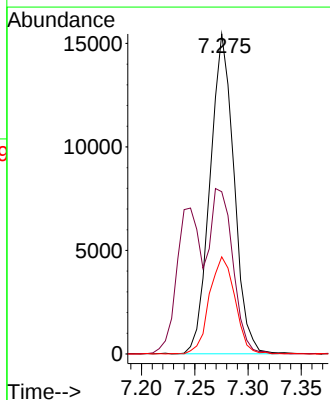
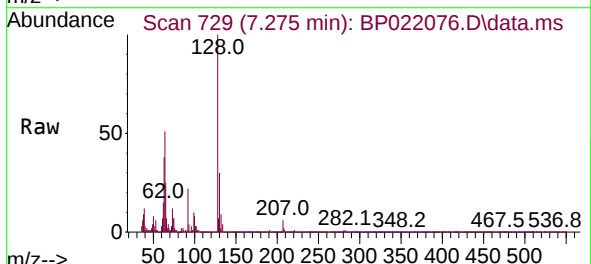
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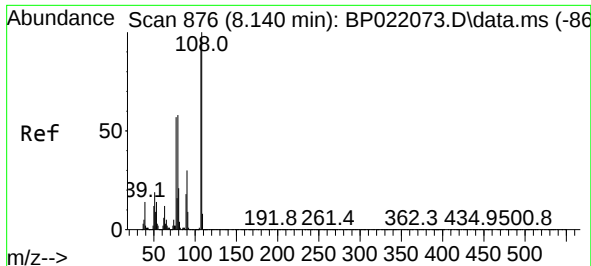
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#12
2-Chlorophenol
Concen: 4.299 ng/ul
RT: 7.275 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Tgt Ion:128 Resp: 24223
Ion Ratio Lower Upper
128 100
64 50.7 41.3 61.9
130 30.3 25.8 38.8





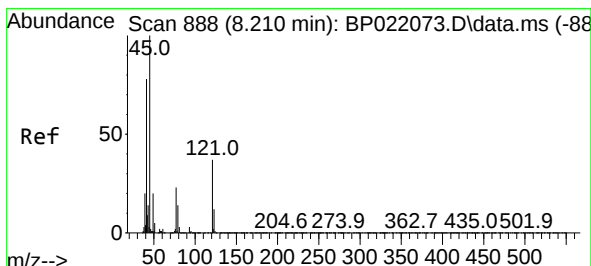
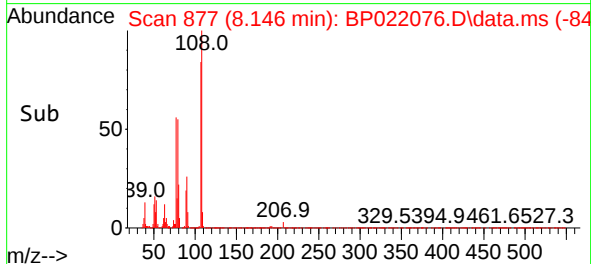
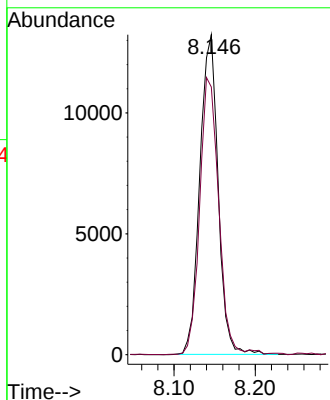
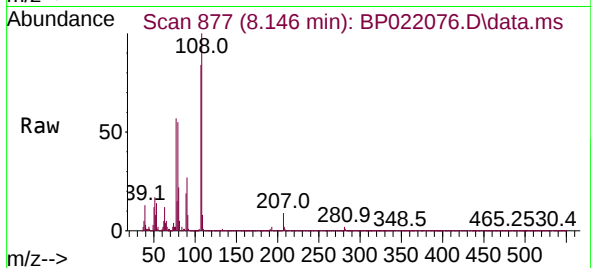
#13
2-Methylphenol
Concen: 3.634 ng/ul
RT: 8.146 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

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BNA_P
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MDL-SOIL-QT3-2024-06

Tgt Ion:108 Resp: 2066
Ion Ratio Lower Upper
108 100
107 83.6 71.3 106.9

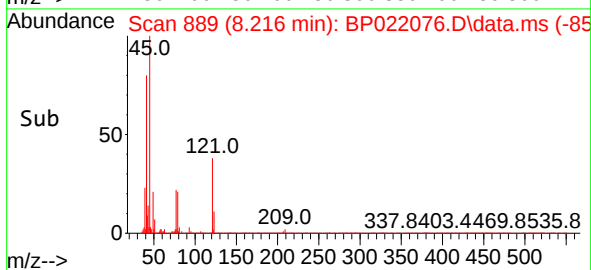
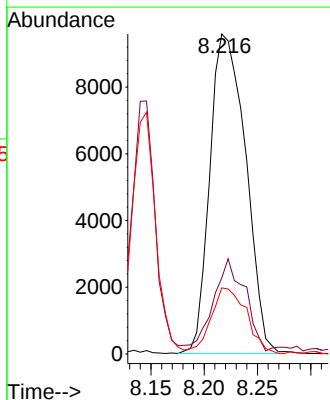
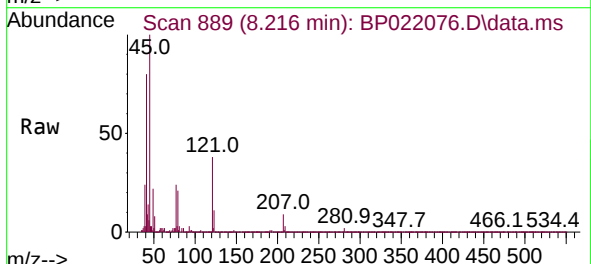
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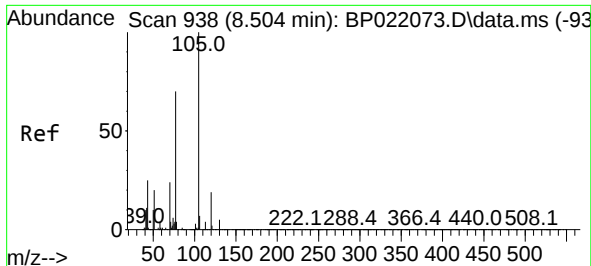
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.016 ng/ul
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Tgt Ion: 45 Resp: 22354
Ion Ratio Lower Upper
45 100
77 23.7 18.6 27.8
79 20.7 13.2 19.8#





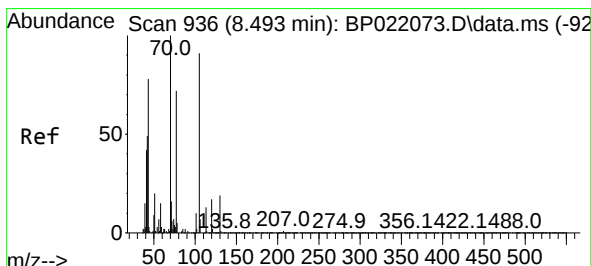
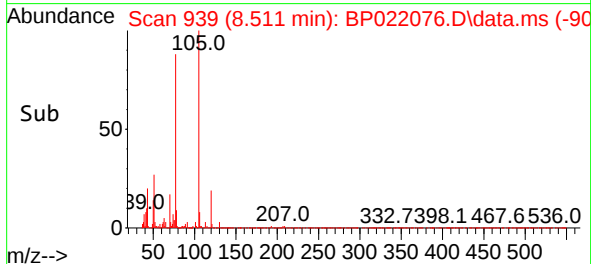
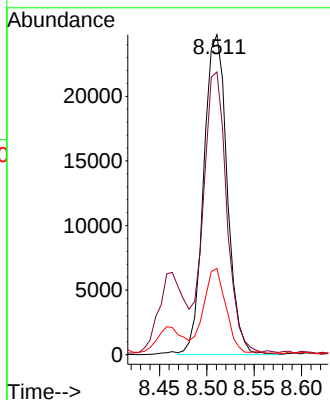
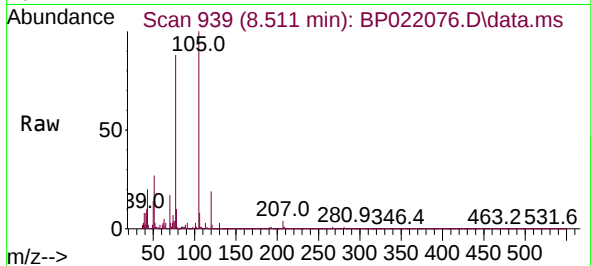
#16
Acetophenone
Concen: 4.297 ng/ul
RT: 8.511 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion:105 Resp: 4255
Ion Ratio Lower Upper
105 100
77 88.4 67.9 101.9
51 27.0 19.8 29.6

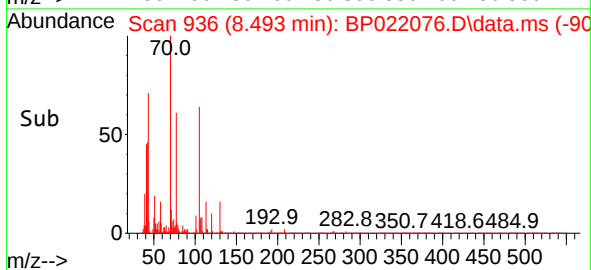
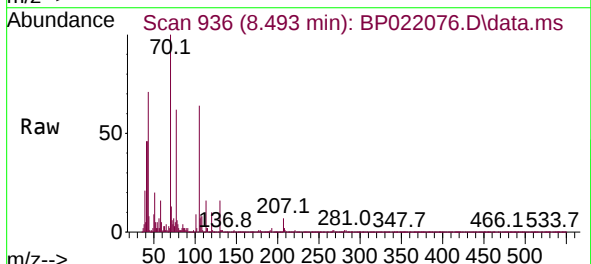
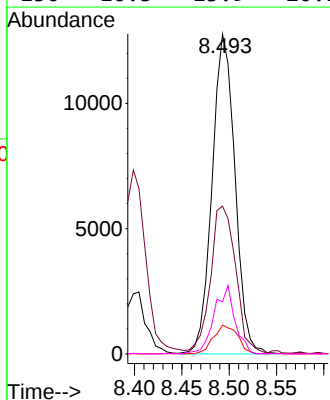
Manual Integrations
APPROVED

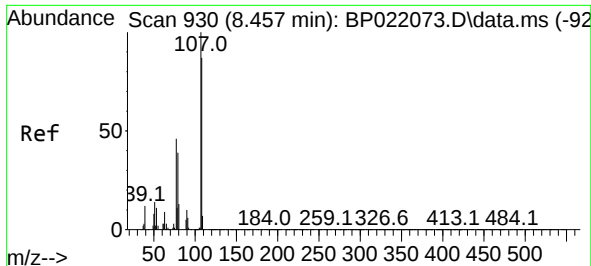
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.184 ng/ul
RT: 8.493 min Scan# 936
Delta R.T. -0.012 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Tgt Ion: 70 Resp: 21480
Ion Ratio Lower Upper
70 100
42 46.2 35.5 53.3
101 9.0 7.3 10.9
130 16.3 13.9 20.9





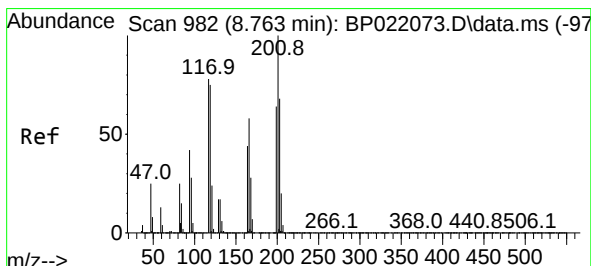
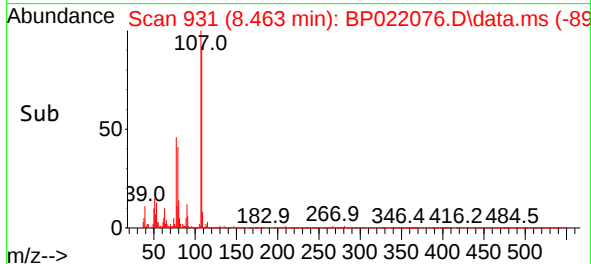
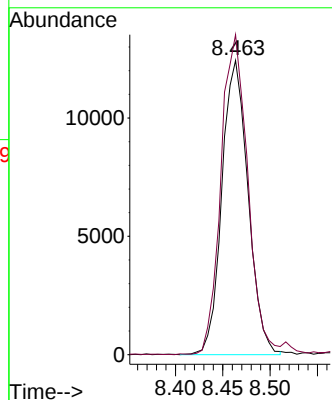
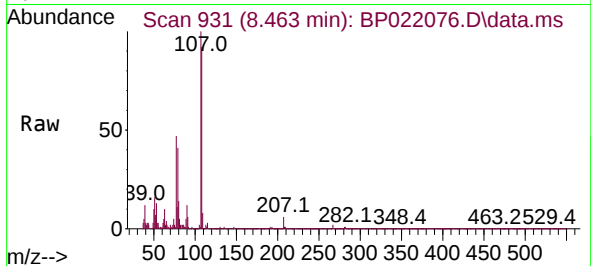
#18
4-Methylphenol
Concen: 3.861 ng/ul
RT: 8.463 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion:108 Resp: 2394
Ion Ratio Lower Upper
108 100
107 108.8 92.0 138.0

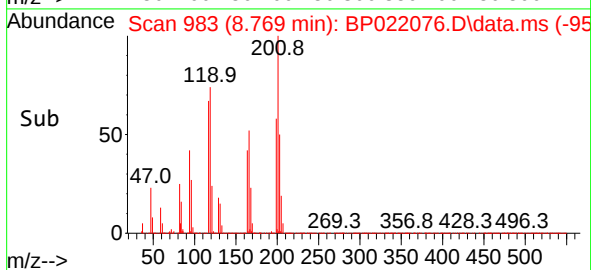
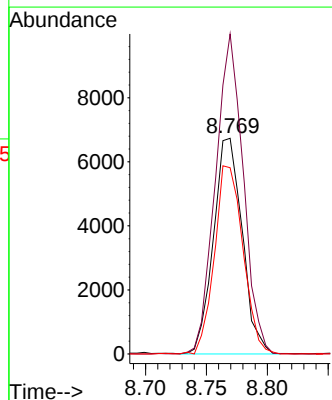
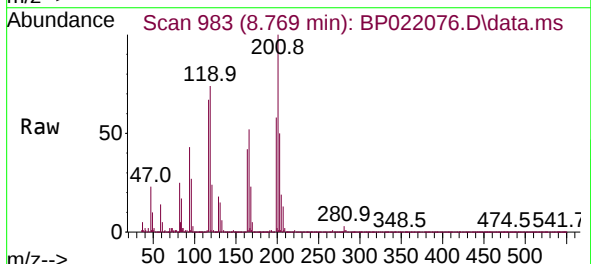
Manual Integrations
APPROVED

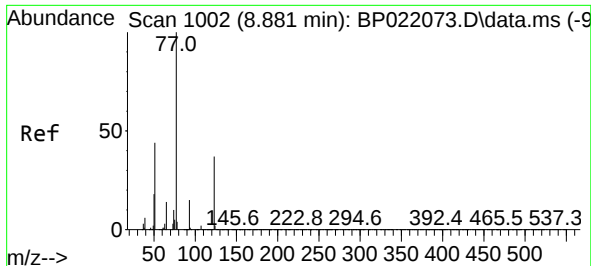
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#19
Hexachloroethane
Concen: 4.161 ng/ul
RT: 8.769 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

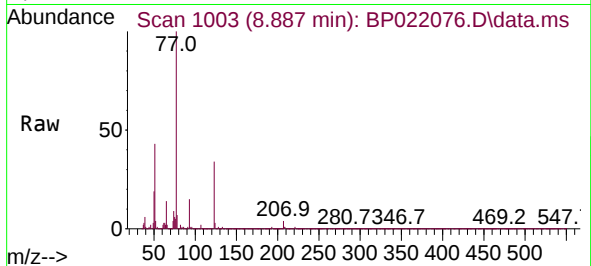
Tgt Ion:117 Resp: 11070
Ion Ratio Lower Upper
117 100
201 149.7 110.2 165.4
199 88.8 67.9 101.9





#22
Nitrobenzene
Concen: 4.603 ng/ul
RT: 8.887 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

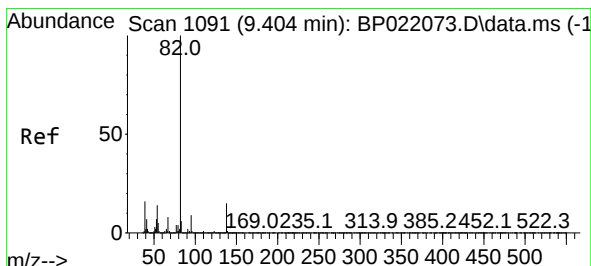
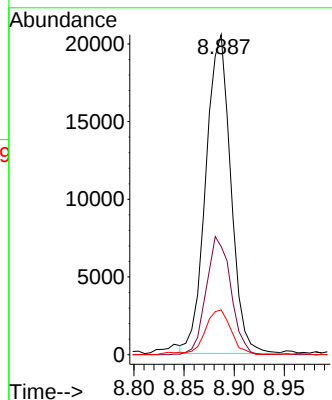
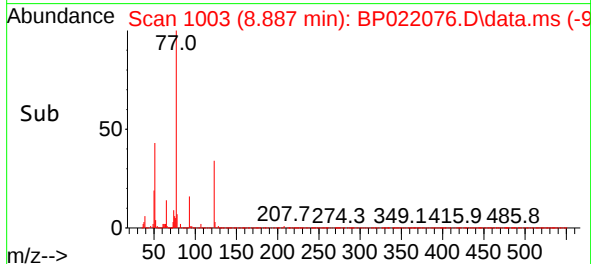
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 77 Resp: 35584
Ion Ratio Lower Upper
77 100
123 33.8 29.8 44.8
65 14.0 11.3 16.9

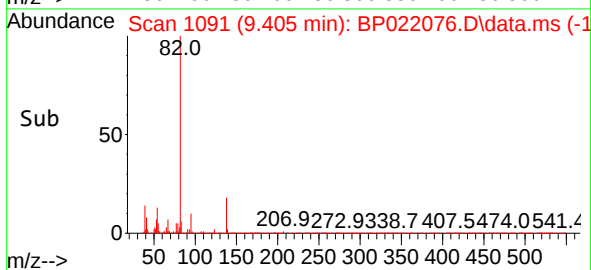
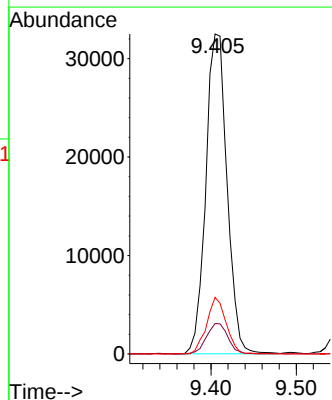
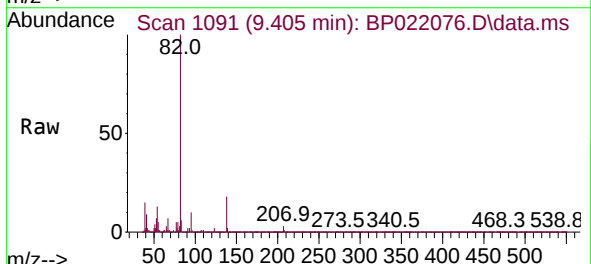
Manual Integrations
APPROVED

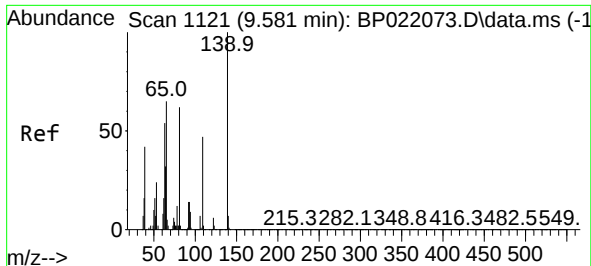
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#23
Isophorone
Concen: 4.194 ng/ul
RT: 9.405 min Scan# 1091
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Tgt Ion: 82 Resp: 56166
Ion Ratio Lower Upper
82 100
95 9.5 7.0 10.4
138 17.7 11.9 17.9





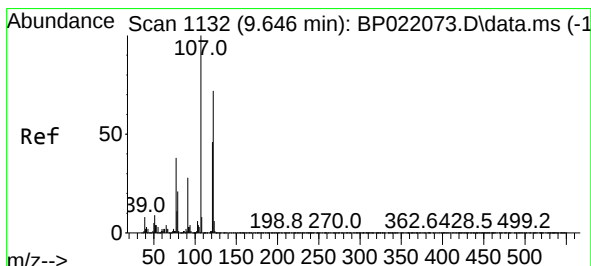
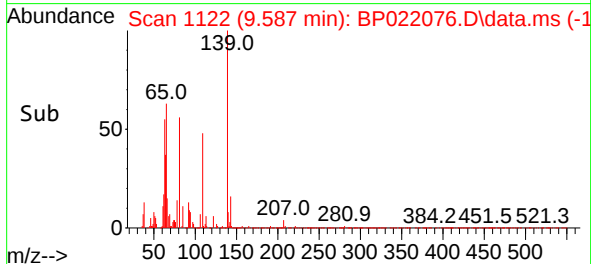
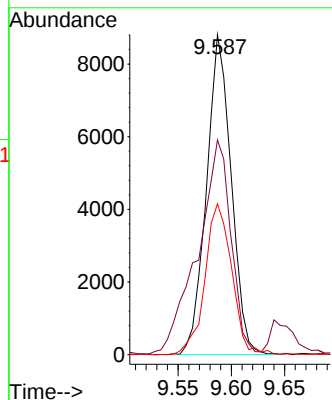
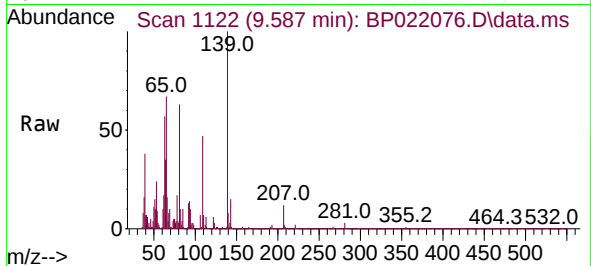
#25
2-Nitrophenol
Concen: 4.631 ng/ul
RT: 9.587 min Scan# 1121
Delta R.T. -0.012 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion:	139	Resp:	14200
Ion Ratio	Lower	Upper	
139	100		
65	67.1	47.8	71.6
109	47.1	35.3	52.9

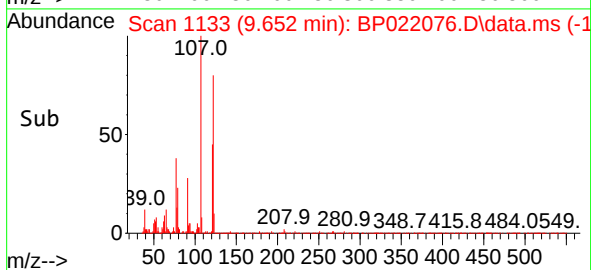
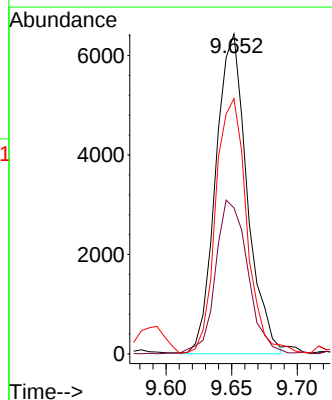
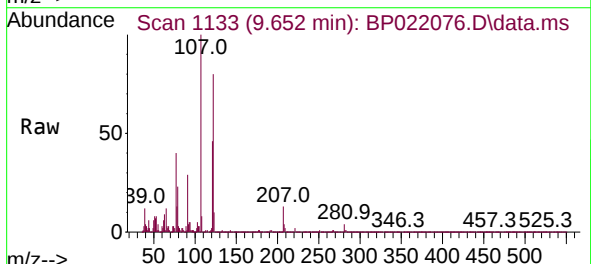
Manual Integrations
APPROVED

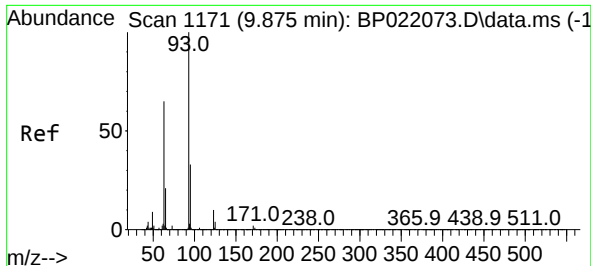
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#26
2,4-Dimethylphenol
Concen: 1.540 ng/ul
RT: 9.652 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Tgt Ion:	107	Resp:	10701
Ion Ratio	Lower	Upper	
107	100		
121	45.7	37.0	55.4
122	79.8	57.6	86.4





#27

Bis(2-Chloroethoxy)methane

Concen: 4.273 ng/ul

RT: 9.881 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BP022076.D

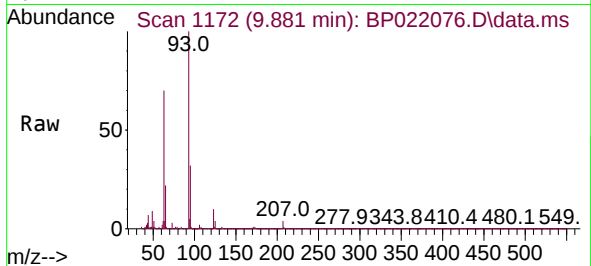
Acq: 27 Sep 2024 12:14

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2024-06



Tgt Ion: 93 Resp: 3298

Ion Ratio Lower Upper

93 100

95 31.8 25.3 37.9

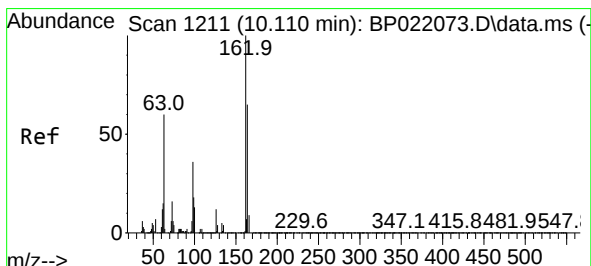
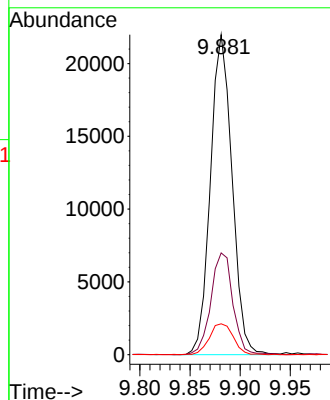
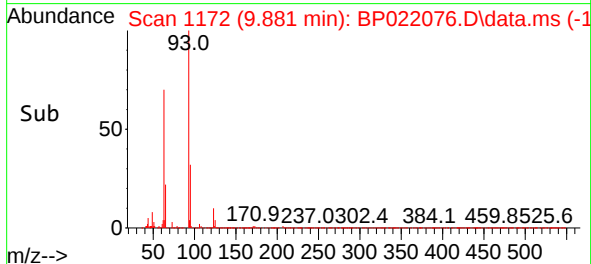
123 9.6 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#29

2,4-Dichlorophenol

Concen: 4.494 ng/ul

RT: 10.122 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BP022076.D

Acq: 27 Sep 2024 12:14

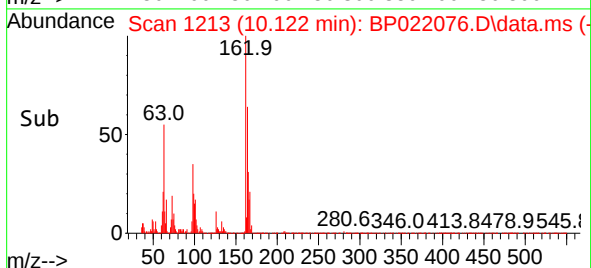
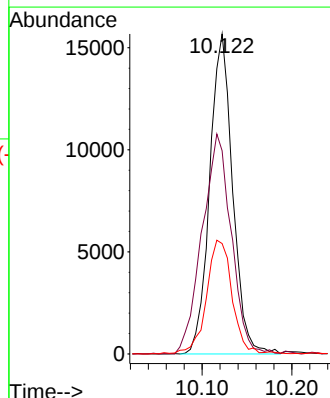
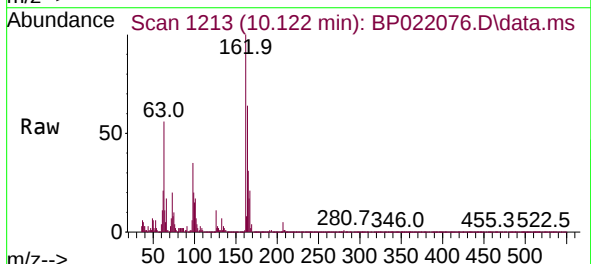
Tgt Ion:162 Resp: 27802

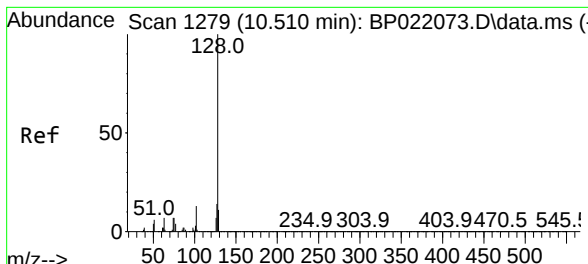
Ion Ratio Lower Upper

162 100

164 63.5 52.4 78.6

98 34.5 29.8 44.8





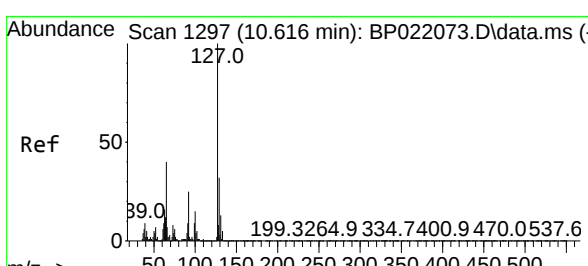
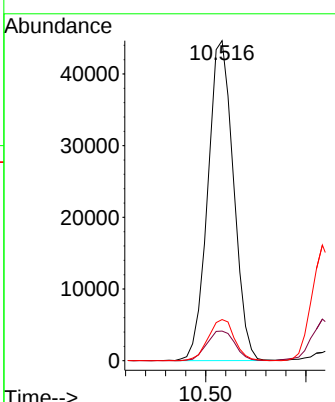
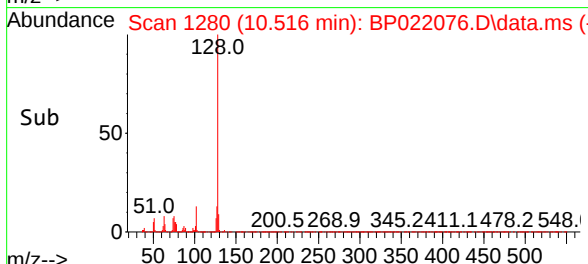
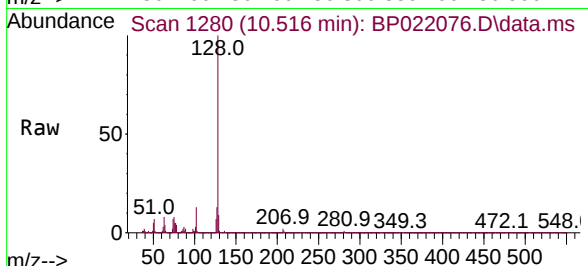
#30
Naphthalene
Concen: 4.460 ng/ul
RT: 10.516 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2024-06

Tgt Ion:	128	Resp:	79280
Ion Ratio	Lower	Upper	
128	100		
129	9.3	8.9	13.3
127	12.9	10.9	16.3

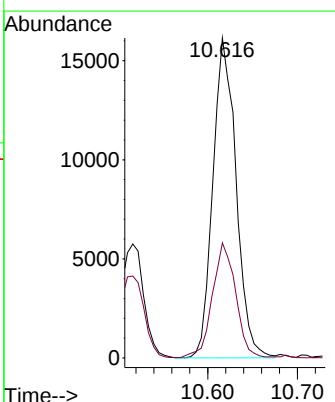
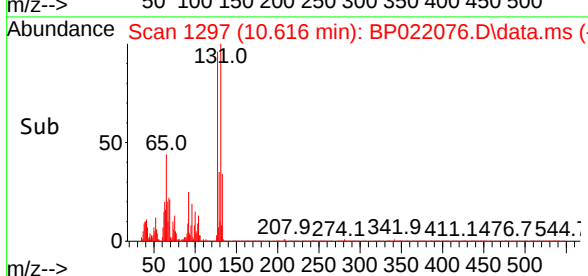
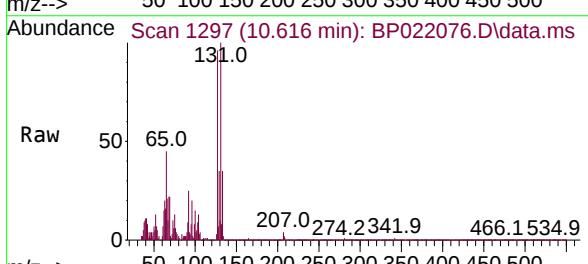
Manual Integrations
APPROVED

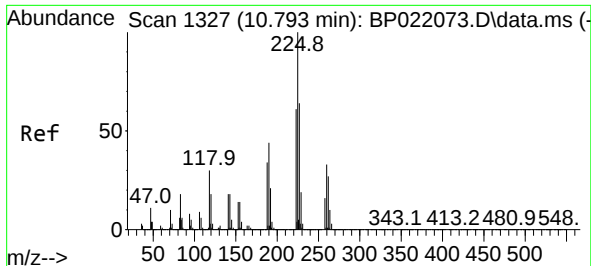
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#32
4-Chloroaniline
Concen: 3.938 ng/ul
RT: 10.616 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

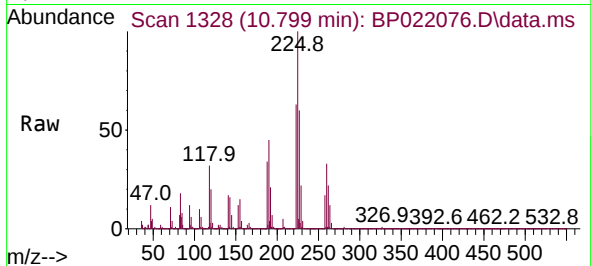
Tgt Ion:	127	Resp:	28978
Ion Ratio	Lower	Upper	
127	100		
129	35.9	25.1	37.7





#33
Hexachlorobutadiene
Concen: 4.547 ng/ul
RT: 10.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

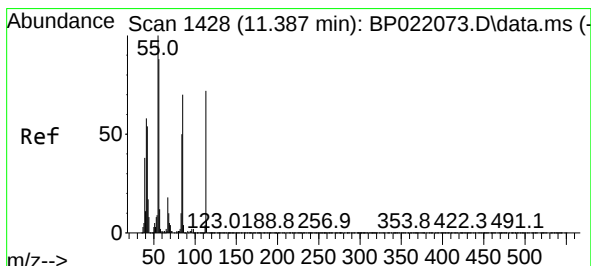
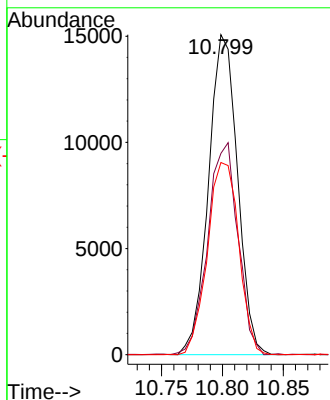
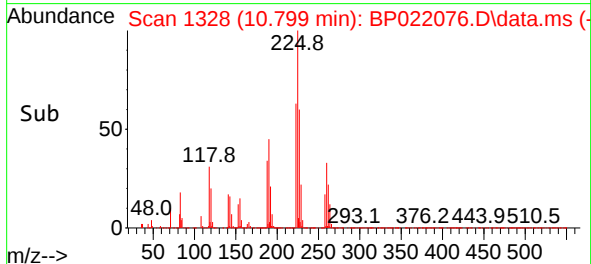
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:225 Resp: 2497
Ion Ratio Lower Upper
225 100
223 62.9 47.1 70.7
227 60.0 51.6 77.4

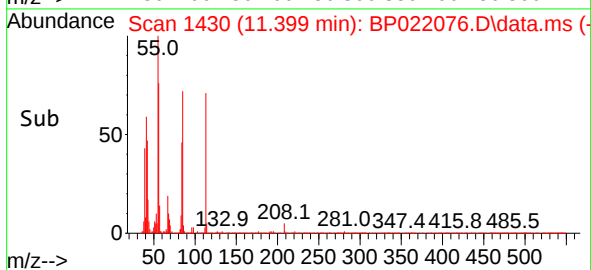
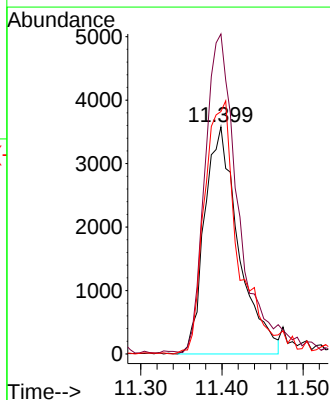
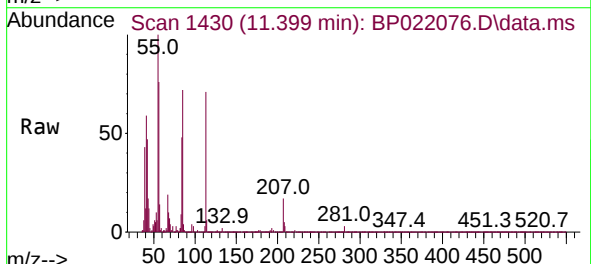
Manual Integrations
APPROVED

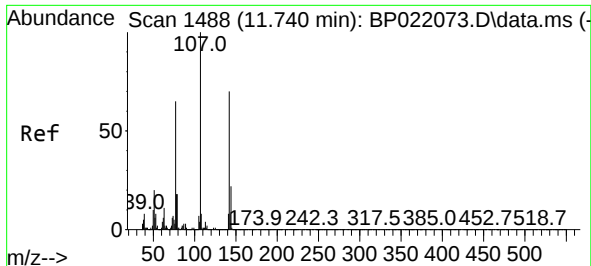
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#34
Caprolactam
Concen: 5.550 ng/ul
RT: 11.399 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

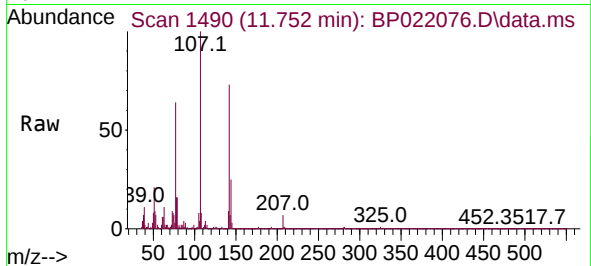
Tgt Ion:113 Resp: 10415
Ion Ratio Lower Upper
113 100
55 140.9 108.9 163.3
56 106.8 101.8 152.8





#35
4-Chloro-3-methylphenol
Concen: 3.816 ng/ul
RT: 11.752 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

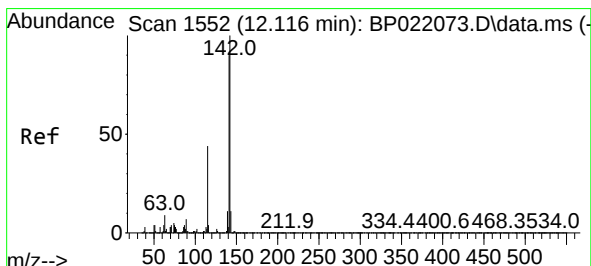
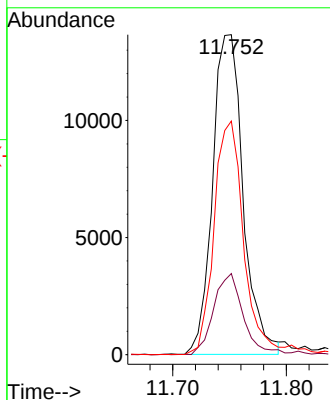
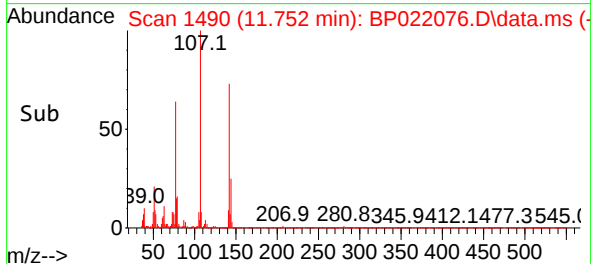
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2024-06



Tgt Ion:107 Resp: 25538
Ion Ratio Lower Upper
107 100
144 25.3 19.9 29.9
142 73.0 57.4 86.0

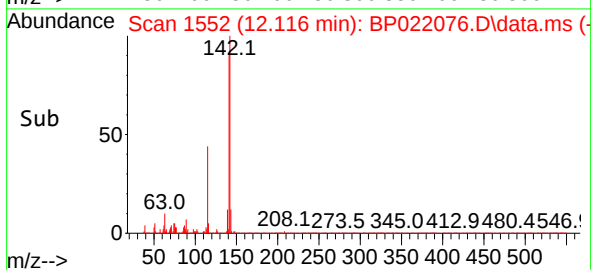
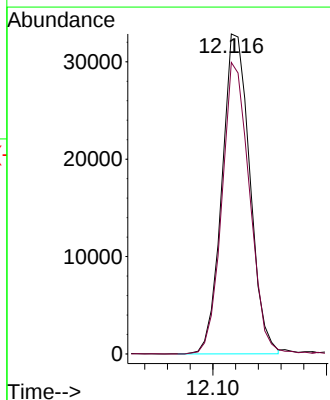
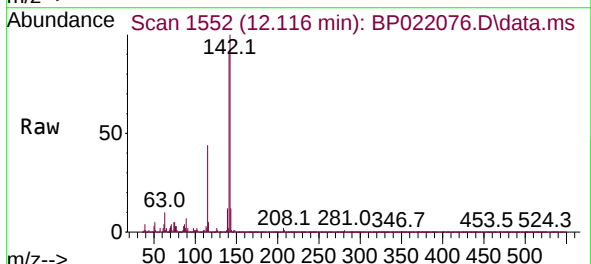
Manual Integrations
APPROVED

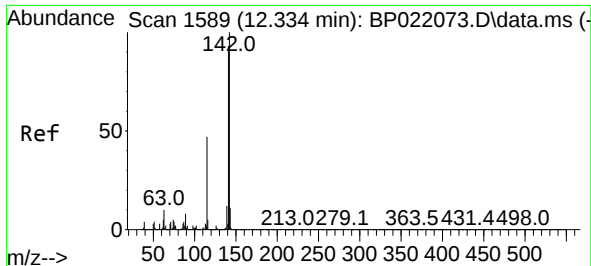
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#36
2-Methylnaphthalene
Concen: 4.241 ng/ul
RT: 12.116 min Scan# 1552
Delta R.T. -0.012 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

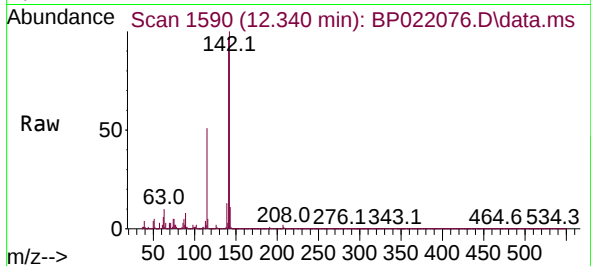
Tgt Ion:142 Resp: 56021
Ion Ratio Lower Upper
142 100
141 91.1 72.6 109.0





#37
1-Methylnaphthalene
Concen: 4.388 ng/ul
RT: 12.340 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

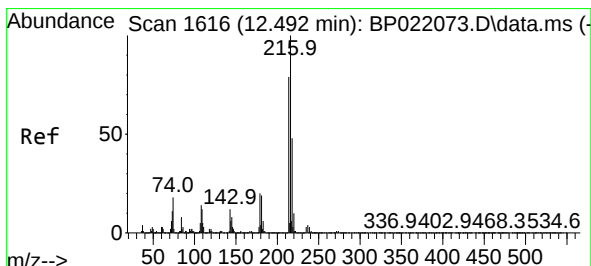
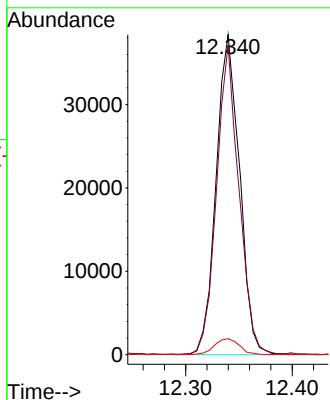
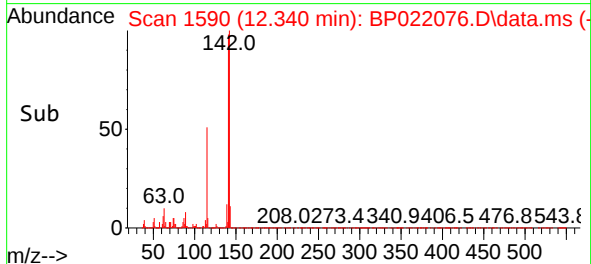
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06



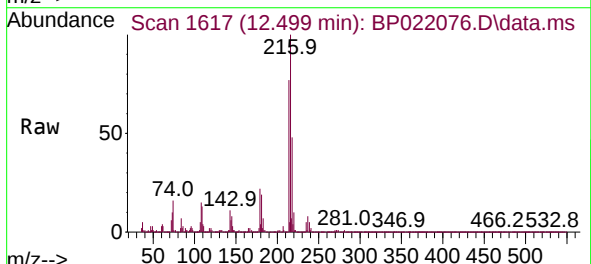
Tgt Ion:142 Resp: 5846
Ion Ratio Lower Upper
142 100
141 96.9 74.6 111.8
116 5.0 3.9 5.9

Manual Integrations
APPROVED

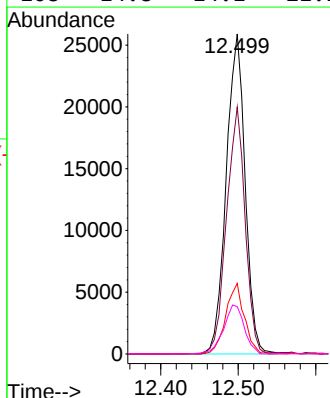
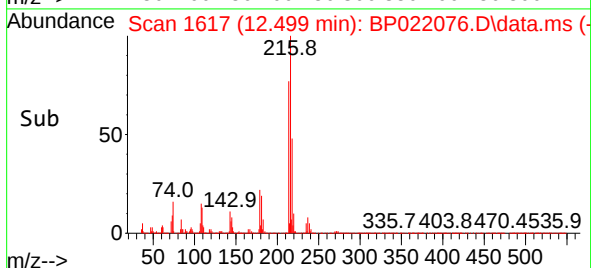
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

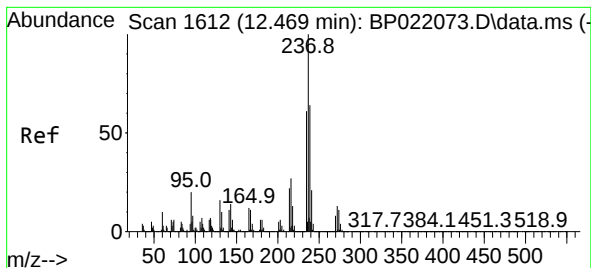


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.446 ng/ul
RT: 12.499 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14



Tgt Ion:216 Resp: 44035
Ion Ratio Lower Upper
216 100
214 77.1 62.8 94.2
179 22.1 17.9 26.9
108 14.8 14.1 21.1





#40

Hexachlorocyclopentadiene

Concen: 3.053 ng/ul

RT: 12.475 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP022076.D

Acq: 27 Sep 2024 12:14

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2024-06

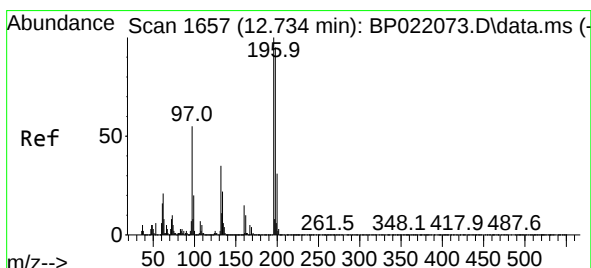
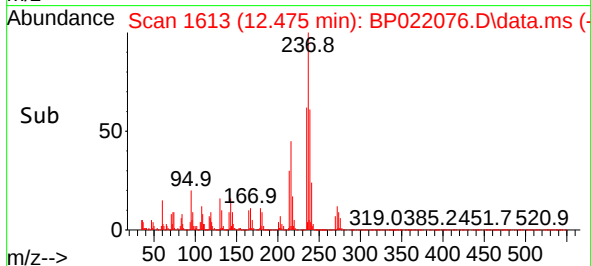
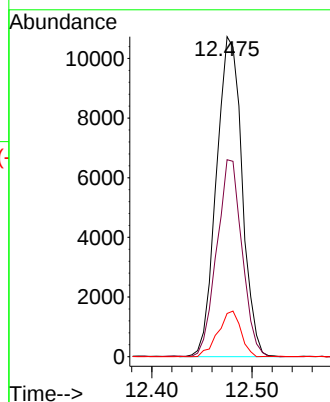
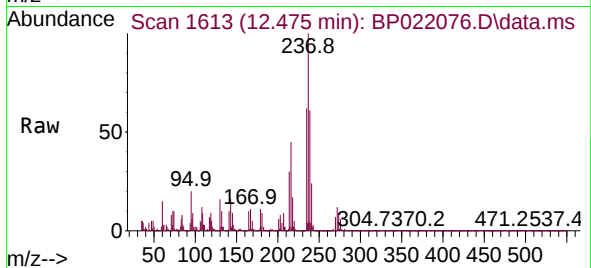
Tgt Ion:	237	Resp:	1902
Ion Ratio	Lower	Upper	
237	100		
235	58.4	51.8	77.6
272	12.8	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#41

2,4,6-Trichlorophenol

Concen: 3.943 ng/ul

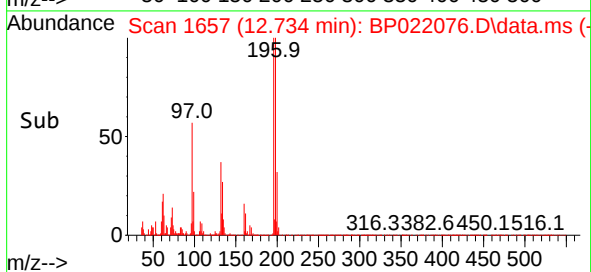
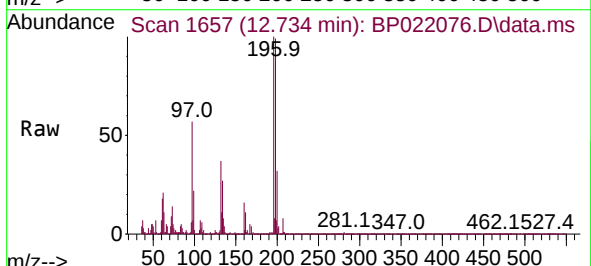
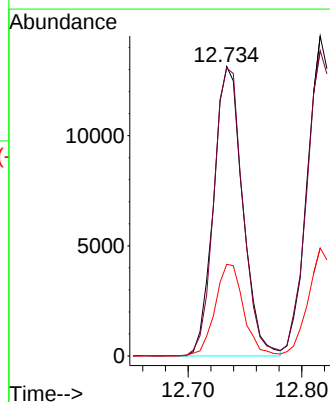
RT: 12.734 min Scan# 1657

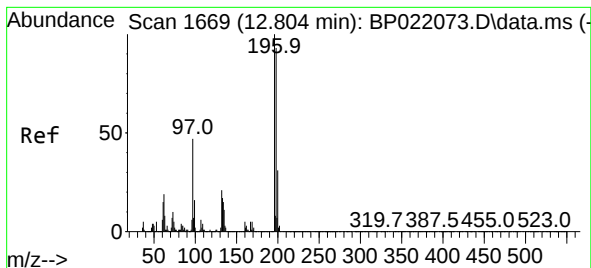
Delta R.T. -0.012 min

Lab File: BP022076.D

Acq: 27 Sep 2024 12:14

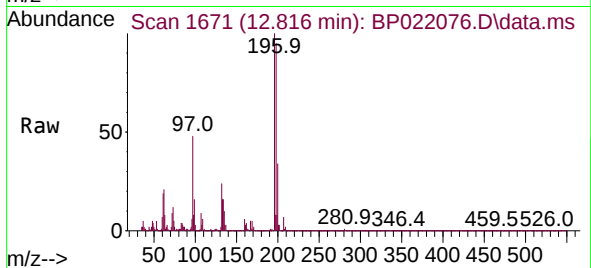
Tgt Ion:	196	Resp:	23344
Ion Ratio	Lower	Upper	
196	100		
198	99.5	77.6	116.4
200	31.7	24.2	36.4





#42
2,4,5-Trichlorophenol
Concen: 3.971 ng/ul
RT: 12.816 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

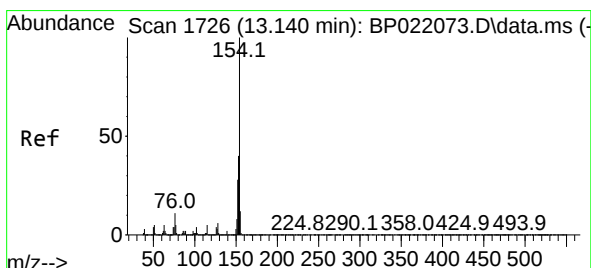
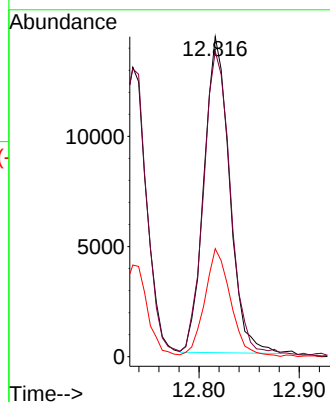
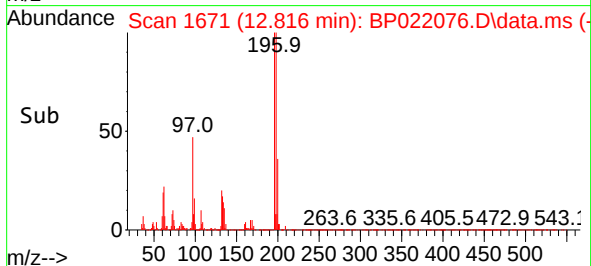
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:196 Resp: 25458
Ion Ratio Lower Upper
196 100
198 95.4 78.2 117.2
200 33.8 26.1 39.1

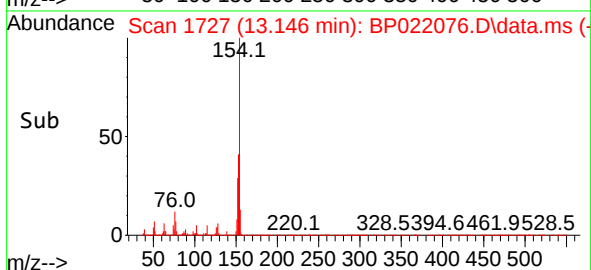
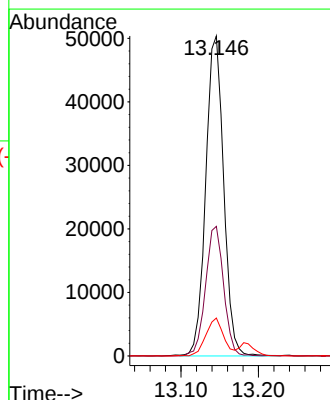
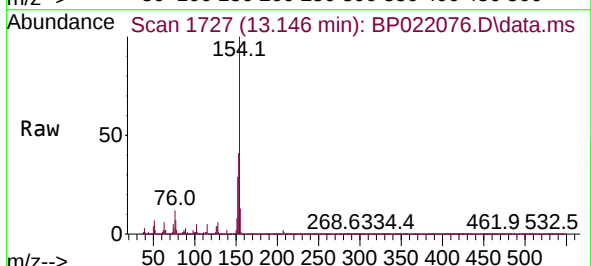
Manual Integrations
APPROVED

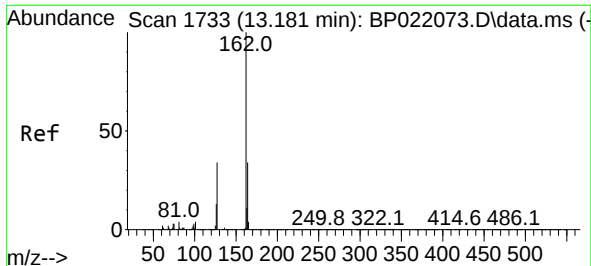
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#43
1,1'-Biphenyl
Concen: 4.232 ng/ul
RT: 13.146 min Scan# 1727
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

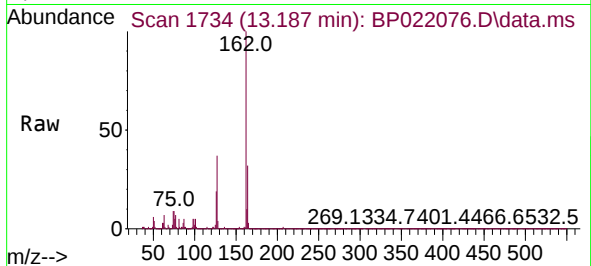
Tgt Ion:154 Resp: 80844
Ion Ratio Lower Upper
154 100
153 40.5 32.6 49.0
76 11.9 10.1 15.1





#44
2-Chloronaphthalene
Concen: 4.433 ng/ul
RT: 13.187 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

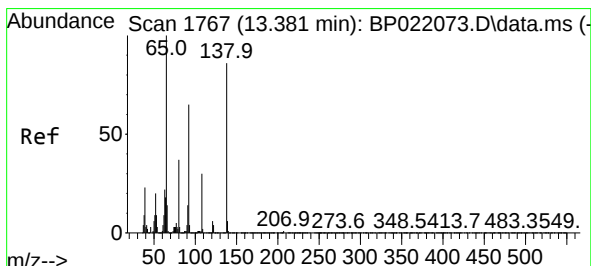
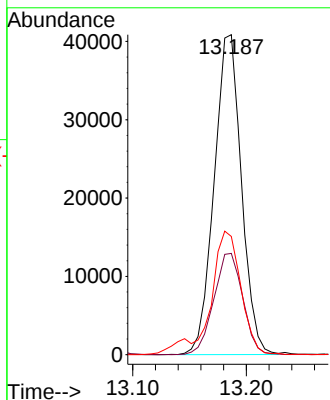
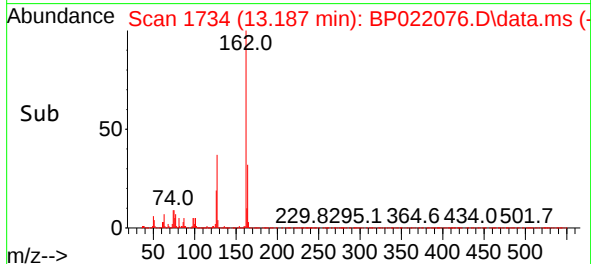
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06



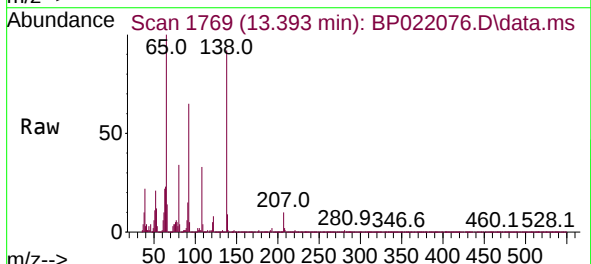
Tgt Ion:162 Resp: 68184
Ion Ratio Lower Upper
162 100
164 31.7 26.2 39.2
127 37.0 30.8 46.2

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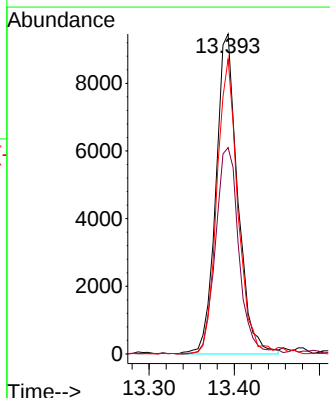
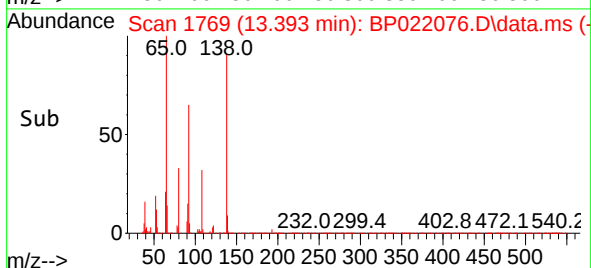
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

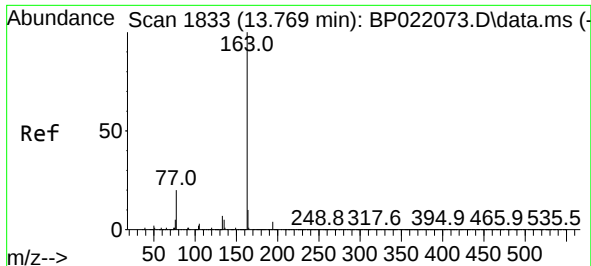


#45
2-Nitroaniline
Concen: 3.788 ng/ul
RT: 13.393 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14



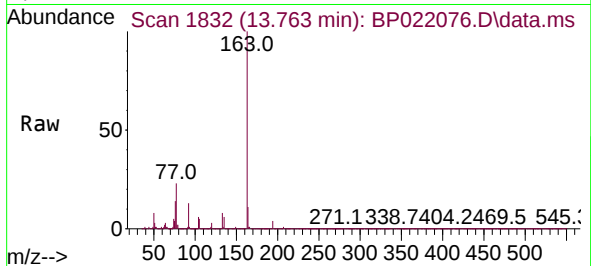
Tgt Ion: 65 Resp: 16847
Ion Ratio Lower Upper
65 100
92 64.5 53.2 79.8
138 92.2 69.8 104.8





#47
Dimethylphthalate
Concen: 4.254 ng/ul
RT: 13.763 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

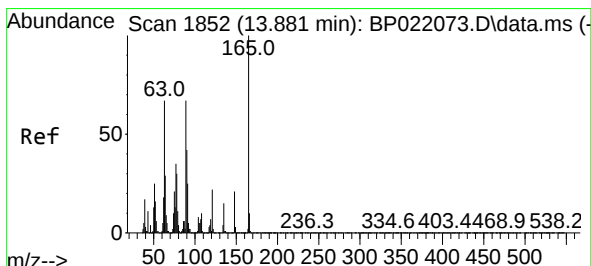
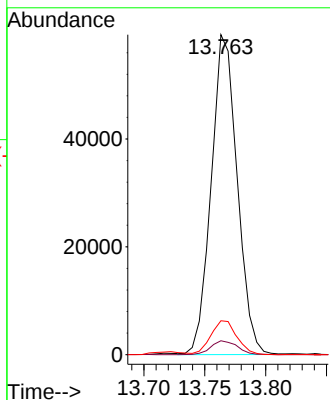
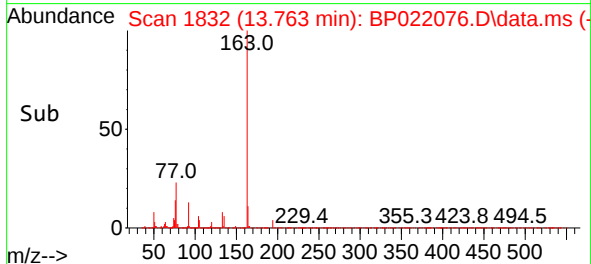
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2024-06



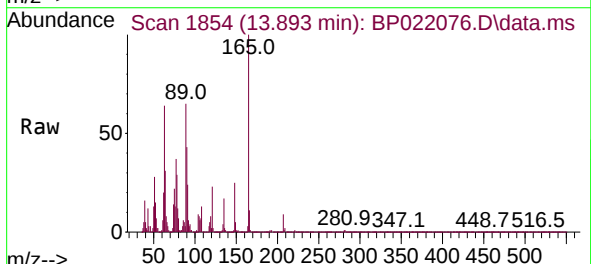
Tgt Ion:163 Resp: 88219
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.6 7.9 11.9

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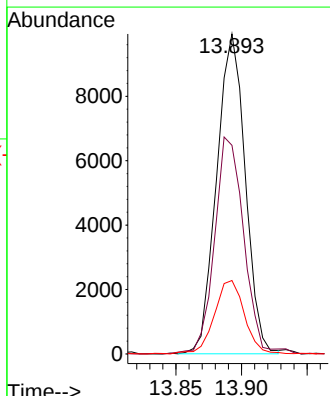
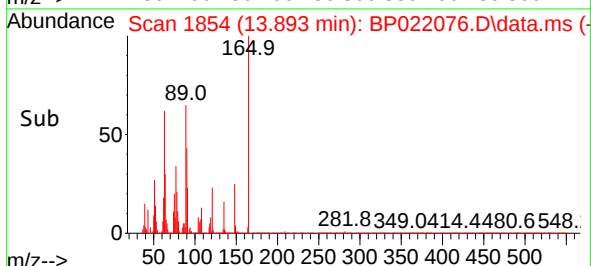
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

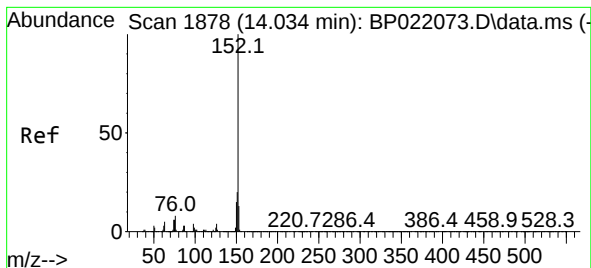


#48
2,6-Dinitrotoluene
Concen: 3.786 ng/ul
RT: 13.893 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14



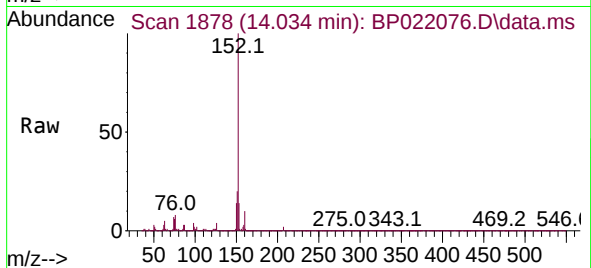
Tgt Ion:165 Resp: 15053
Ion Ratio Lower Upper
165 100
89 65.2 50.9 76.3
121 22.9 16.1 24.1





#50
Acenaphthylene
Concen: 4.500 ng/ul
RT: 14.034 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

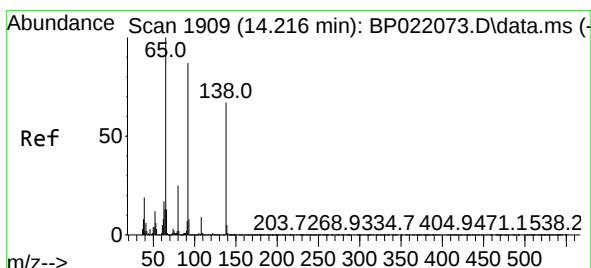
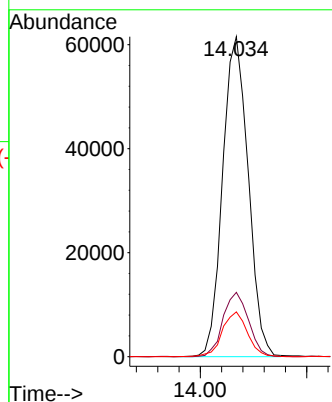
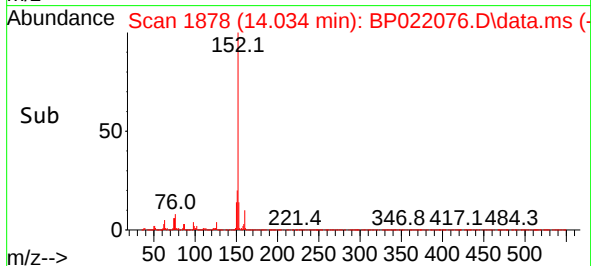
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06



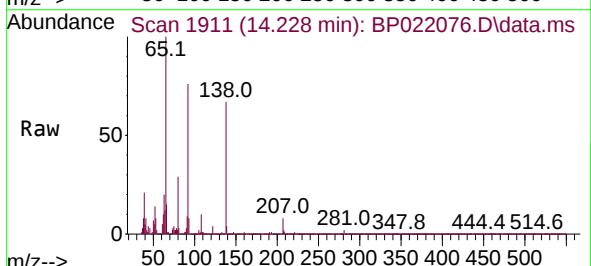
Tgt Ion:152 Resp: 102588
Ion Ratio Lower Upper
152 100
151 20.1 15.6 23.4
153 14.0 10.6 15.8

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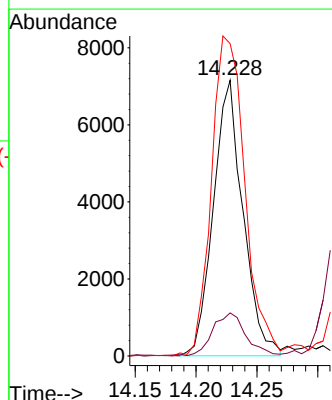
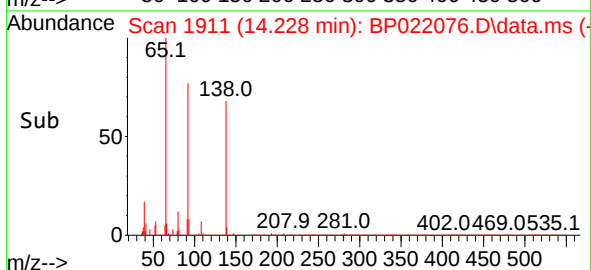
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

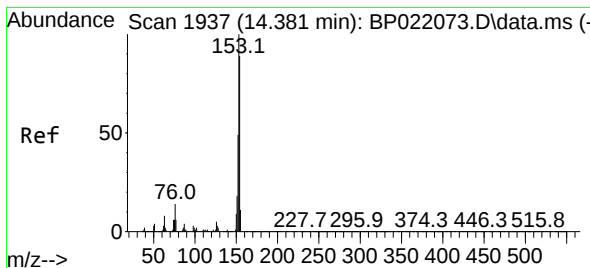


#51
3-Nitroaniline
Concen: 3.342 ng/ul
RT: 14.228 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14



Tgt Ion:138 Resp: 12097
Ion Ratio Lower Upper
138 100
108 15.6 10.6 16.0
92 113.2 107.2 160.8





#52

Acenaphthene

Concen: 4.274 ng/ul

RT: 14.381 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BP022076.D

Acq: 27 Sep 2024 12:14

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2024-06

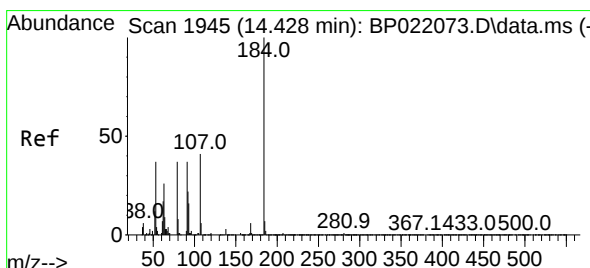
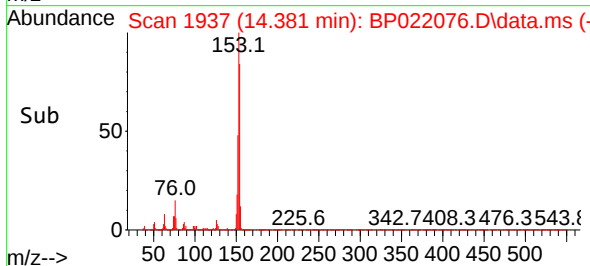
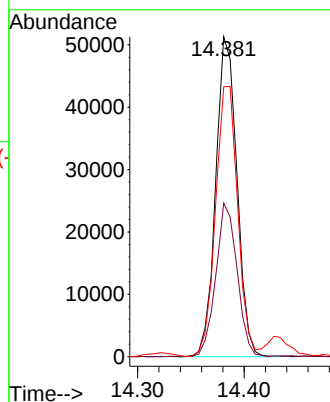
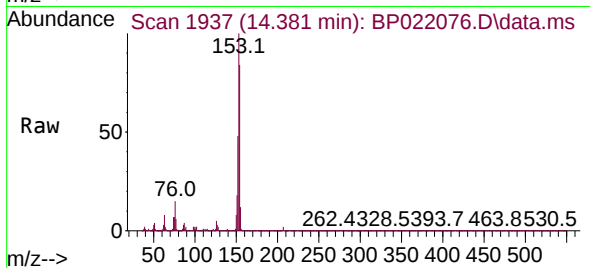
Tgt Ion:153	Resp:	7080
Ion Ratio	Lower	Upper
153	100	
152	48.0	37.1 55.7
154	84.4	67.4 101.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#53

2,4-Dinitrophenol

Concen: 3.232 ng/ul

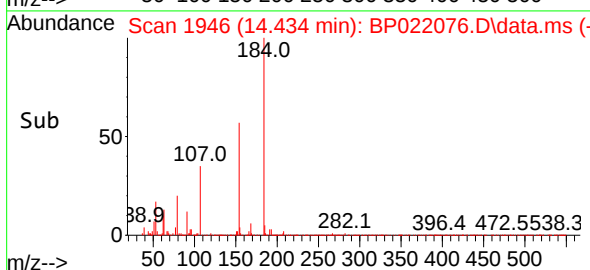
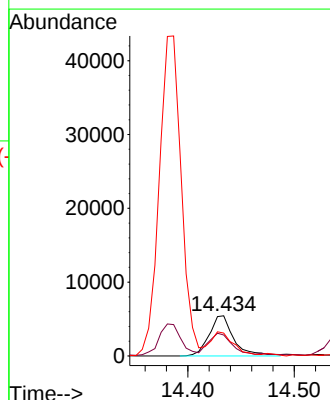
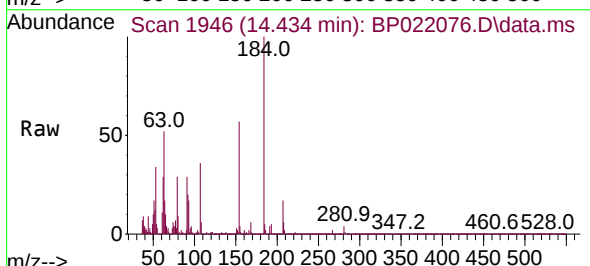
RT: 14.434 min Scan# 1946

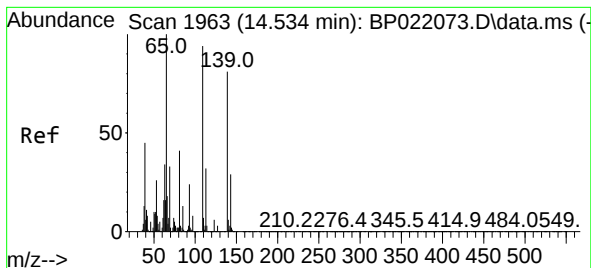
Delta R.T. 0.006 min

Lab File: BP022076.D

Acq: 27 Sep 2024 12:14

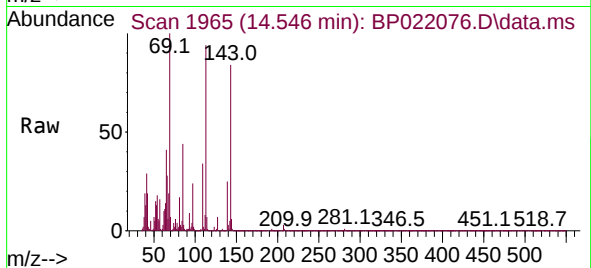
Tgt Ion:184	Resp:	8744
Ion Ratio	Lower	Upper
184	100	
63	52.1	44.7 67.1
154	57.1	55.0 82.6





#55
4-Nitrophenol
Concen: 4.741 ng/ul
RT: 14.546 min Scan# 1963
Delta R.T. 0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

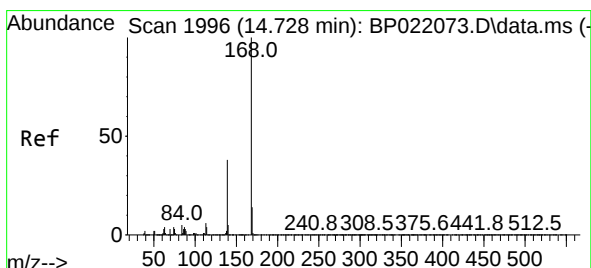
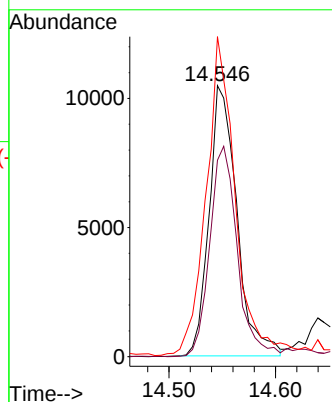
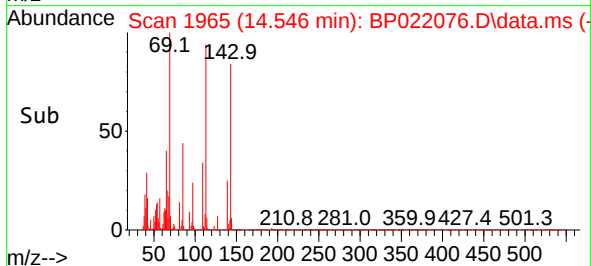
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:109 Resp: 1894
Ion Ratio Lower Upper
109 100
139 72.5 76.8 115.2
65 118.0 90.8 136.2

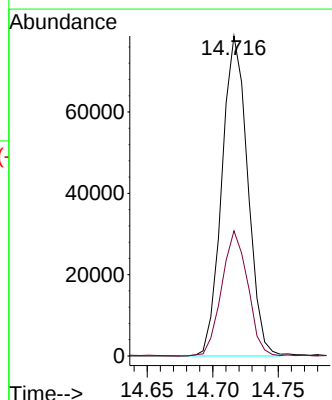
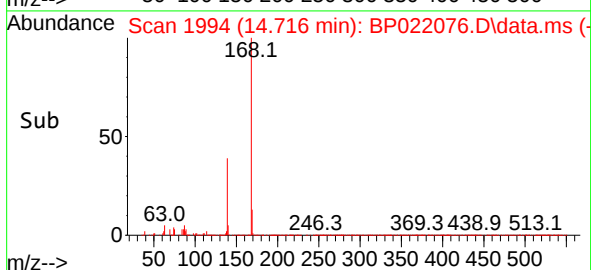
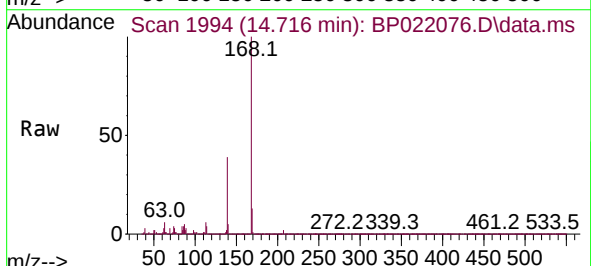
Manual Integrations
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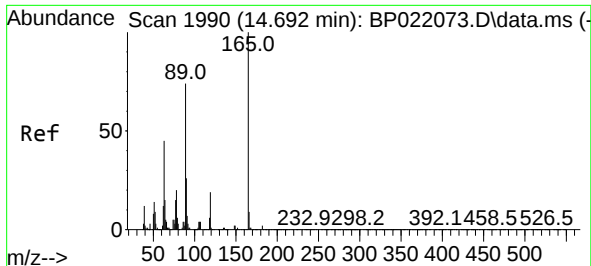
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#56
Dibenzofuran
Concen: 4.373 ng/ul
RT: 14.716 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

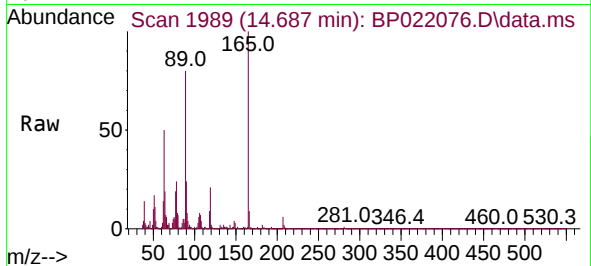
Tgt Ion:168 Resp: 107703
Ion Ratio Lower Upper
168 100
139 39.1 31.0 46.6





#57
2,4-Dinitrotoluene
Concen: 3.861 ng/ul
RT: 14.687 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

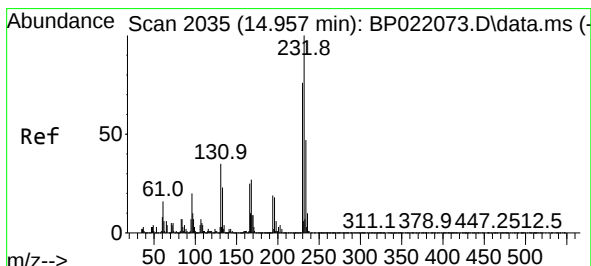
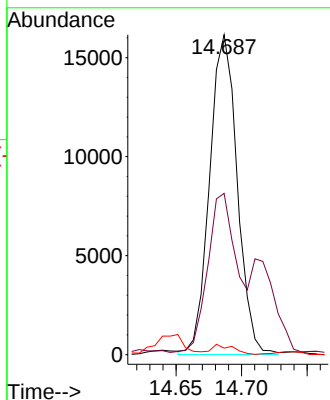
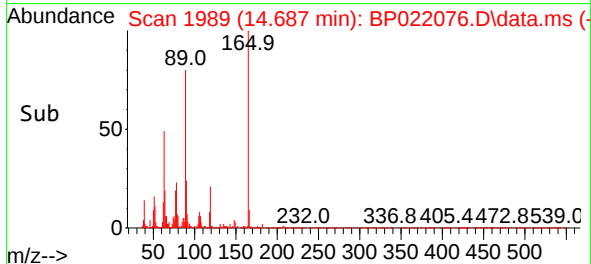
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:165 Resp: 2365
Ion Ratio Lower Upper
165 100
63 50.4 38.6 57.8
182 2.1 2.6 4.0

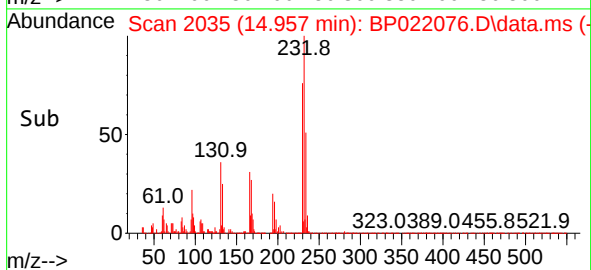
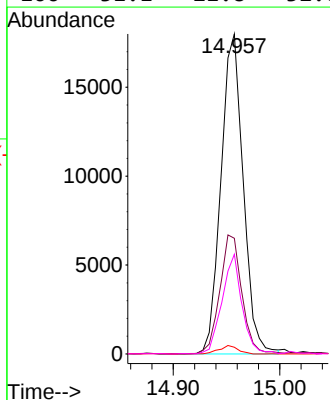
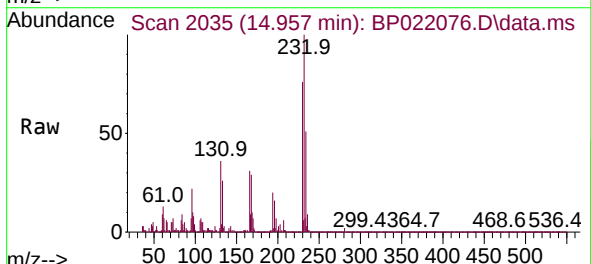
Manual Integrations
APPROVED

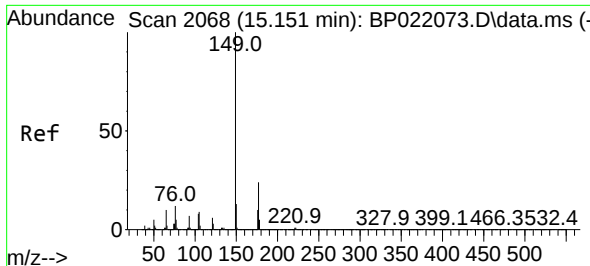
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.226 ng/ul
RT: 14.957 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

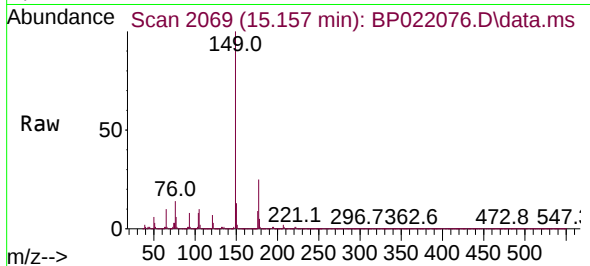
Tgt Ion:232 Resp: 26079
Ion Ratio Lower Upper
232 100
131 36.2 28.2 42.2
130 2.1 1.8 2.6
166 31.1 21.8 32.6





#59
Diethylphthalate
Concen: 4.304 ng/ul
RT: 15.157 min Scan# 2068
Delta R.T. -0.012 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

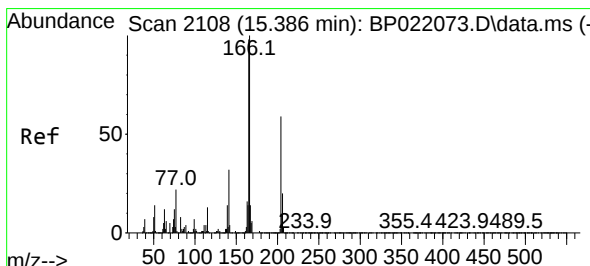
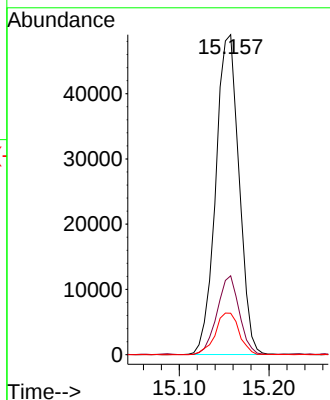
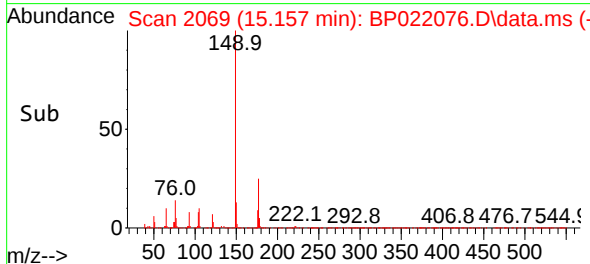
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2024-06



Tgt Ion:149 Resp: 88340
Ion Ratio Lower Upper
149 100
177 24.7 18.6 27.8
150 13.0 9.8 14.6

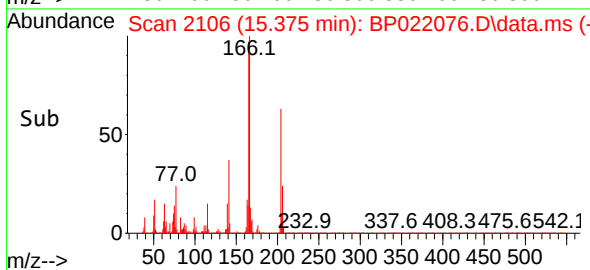
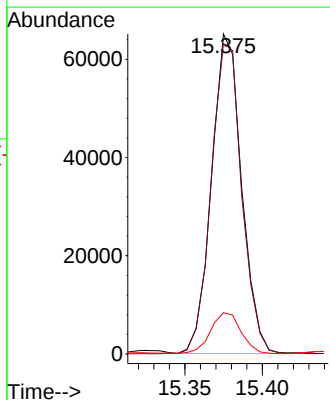
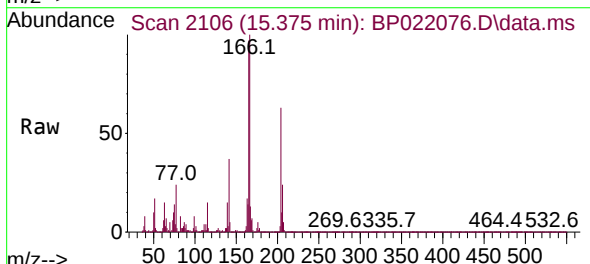
Manual Integrations
APPROVED

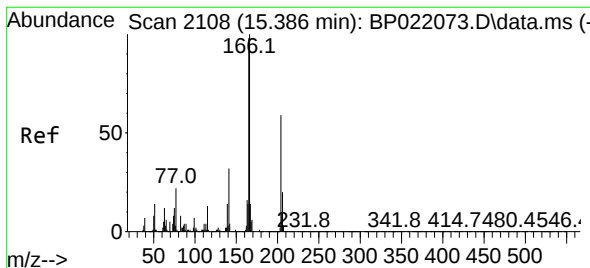
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#61
Fluorene
Concen: 4.263 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

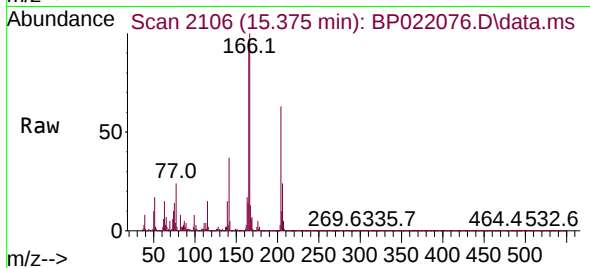
Tgt Ion:166 Resp: 87309
Ion Ratio Lower Upper
166 100
165 97.0 77.9 116.9
167 12.9 10.5 15.7





#62
4-Chlorophenyl-phenylether
Concen: 4.426 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

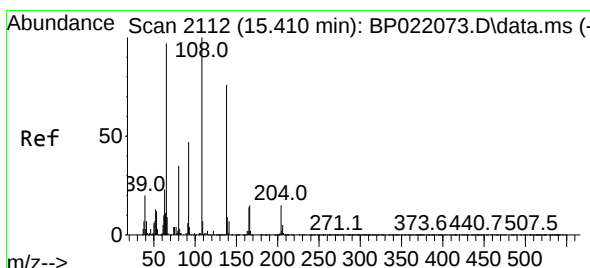
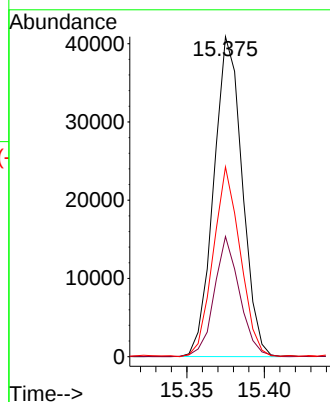
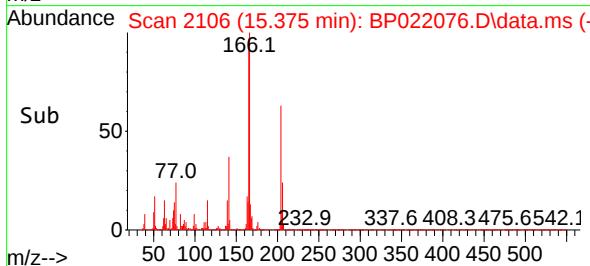
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2024-06



Tgt Ion: 204 Resp: 5219
Ion Ratio Lower Upper
204 100
206 37.6 26.7 40.1
141 59.3 42.6 64.0

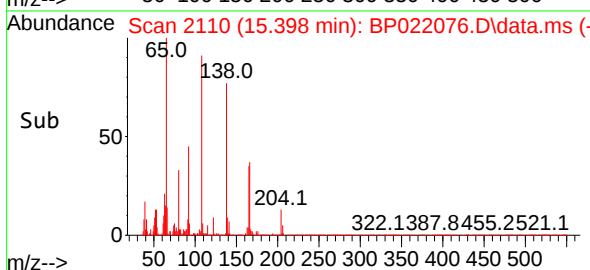
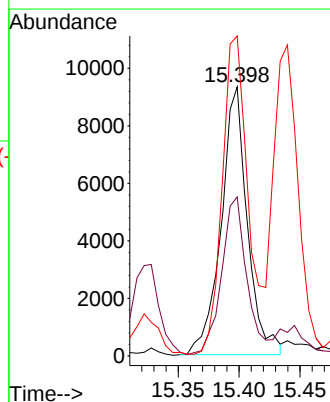
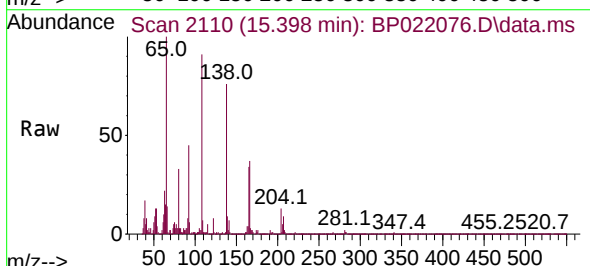
Manual Integrations
APPROVED

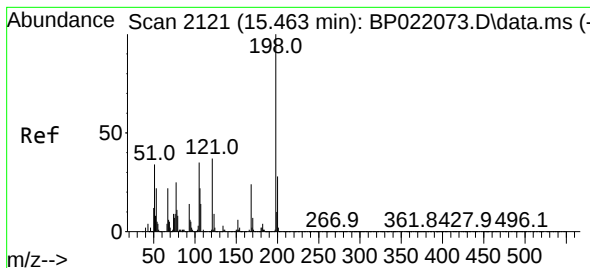
Reviewed By : Yogesh Patel 10/01/2024
Supervised By : mohammad ahmed 10/01/2024



#63
4-Nitroaniline
Concen: 3.799 ng/ul
RT: 15.398 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Tgt Ion: 138 Resp: 13995
Ion Ratio Lower Upper
138 100
92 59.1 48.4 72.6
108 118.9 95.7 143.5





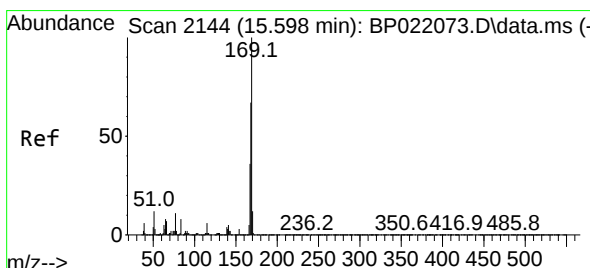
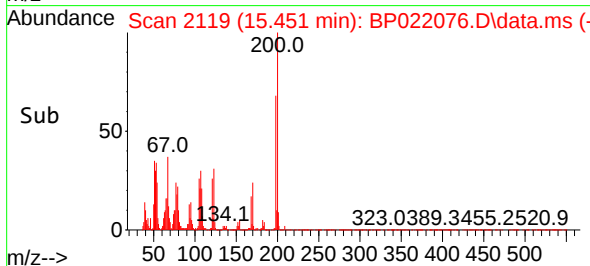
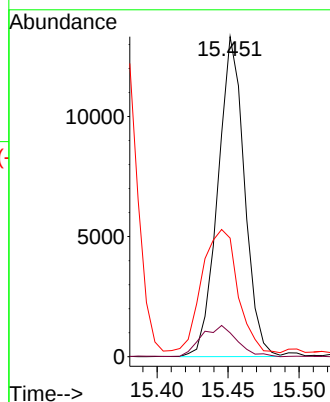
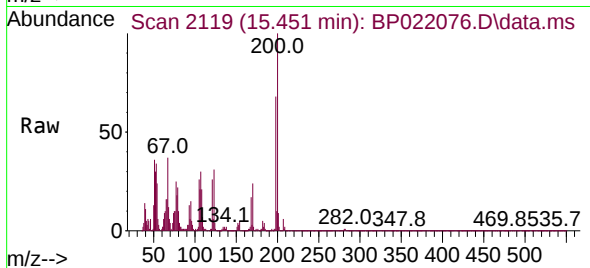
#66
4,6-Dinitro-2-methylphenol
Concen: 3.740 ng/ul
RT: 15.451 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion:198 Resp: 1734
Ion Ratio Lower Upper
198 100
182 7.4 3.4 5.2
77 37.0 19.8 29.8

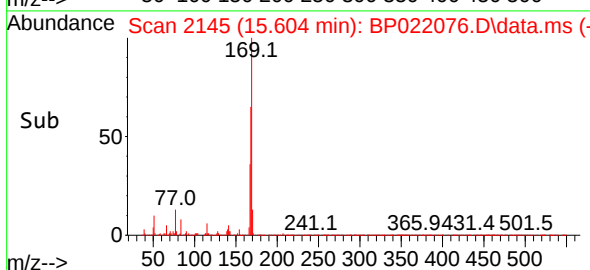
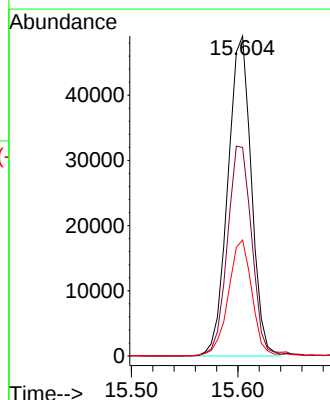
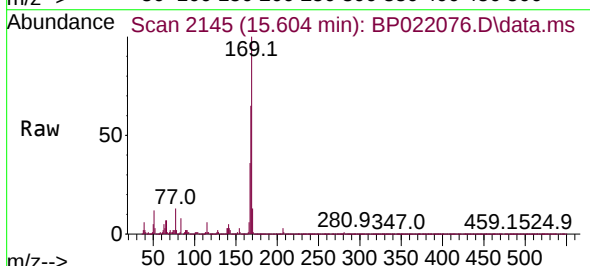
Manual Integrations
APPROVED

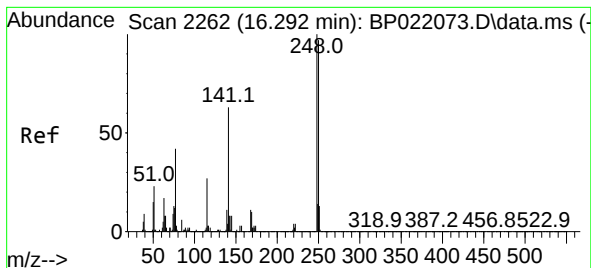
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#67
N-Nitrosodiphenylamine
Concen: 4.157 ng/ul
RT: 15.604 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

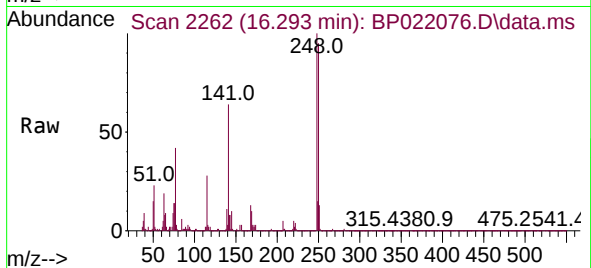
Tgt Ion:169 Resp: 75114
Ion Ratio Lower Upper
169 100
168 65.1 54.1 81.1
167 36.2 28.7 43.1





#68
4-Bromophenyl-phenylether
Concen: 4.497 ng/ul
RT: 16.293 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

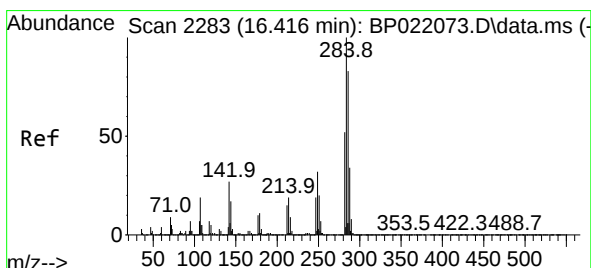
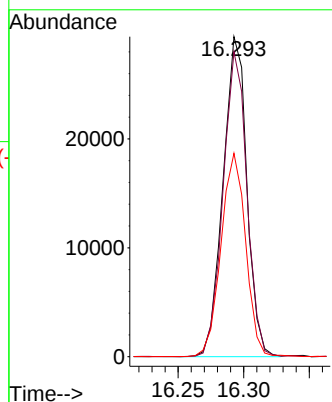
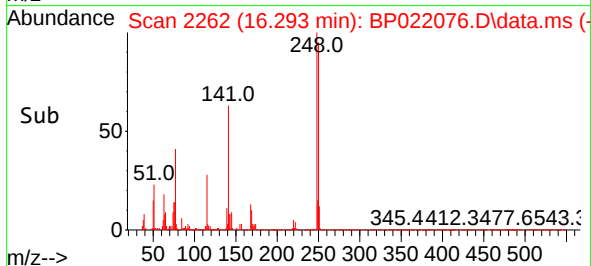
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:248 Resp: 3704
Ion Ratio Lower Upper
248 100
250 95.3 78.4 117.6
141 63.5 51.4 77.0

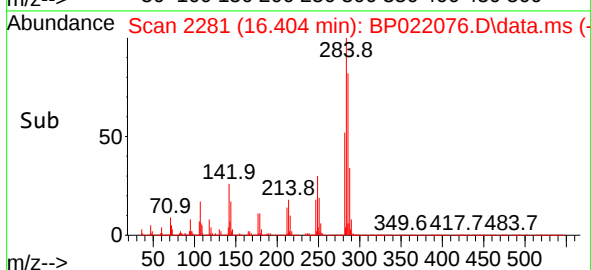
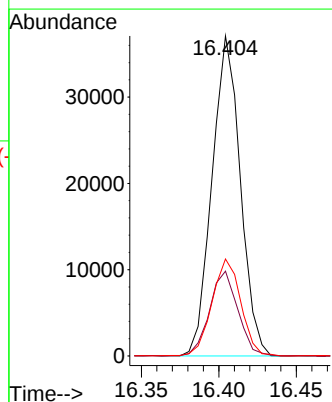
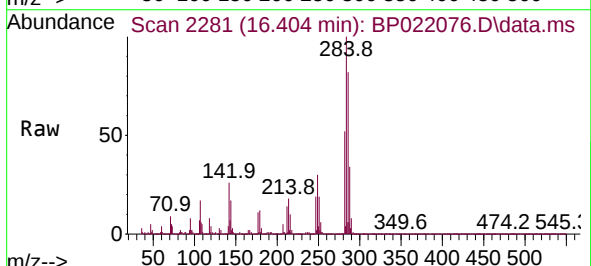
Manual Integrations
APPROVED

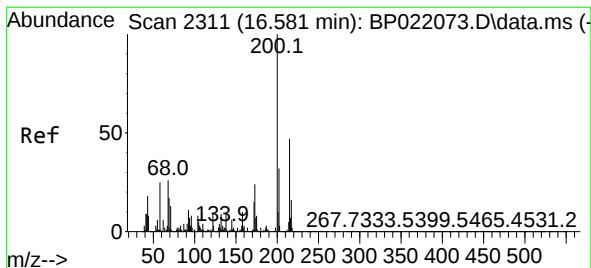
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#69
Hexachlorobenzene
Concen: 4.702 ng/ul
RT: 16.404 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Tgt Ion:284 Resp: 47039
Ion Ratio Lower Upper
284 100
142 26.5 23.4 35.0
249 30.3 25.4 38.0





#70

Atrazine

Concen: 4.231 ng/ul

RT: 16.575 min Scan# 2311

Delta R.T. -0.006 min

Lab File: BP022076.D

Acq: 27 Sep 2024 12:14

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2024-06

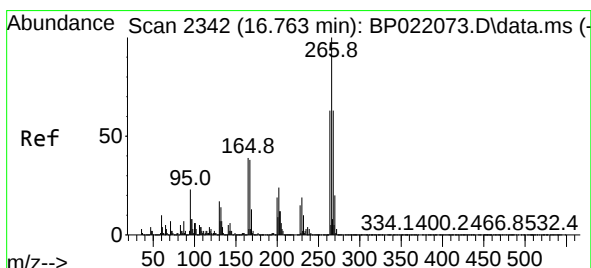
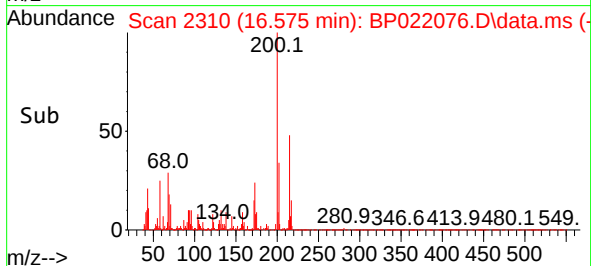
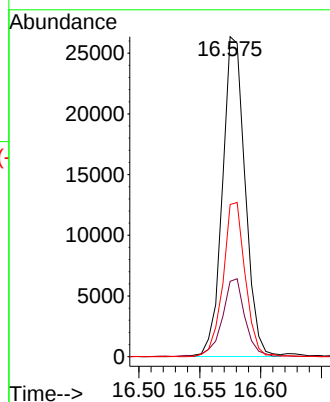
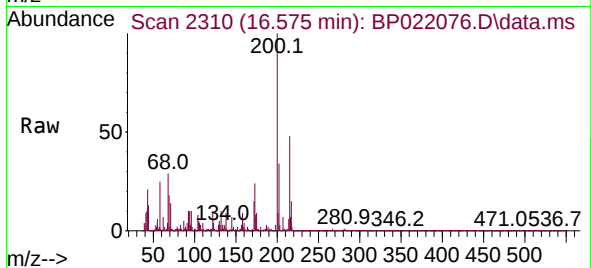
Tgt Ion:	200	Resp:	34100
Ion Ratio	Lower	Upper	
200	100		
173	23.6	19.0	28.6
215	47.6	38.2	57.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#71

Pentachlorophenol

Concen: 5.462 ng/ul

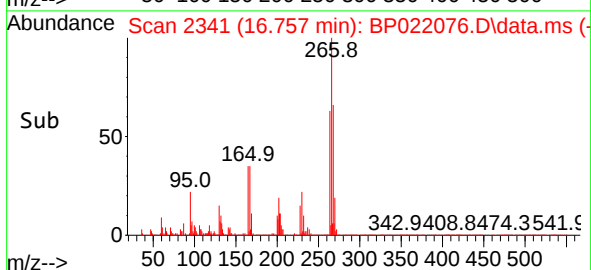
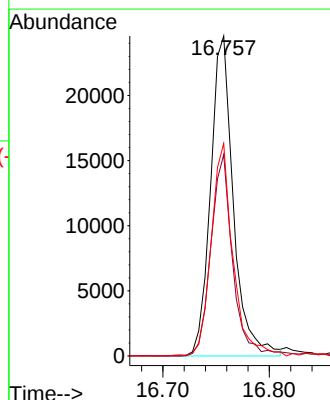
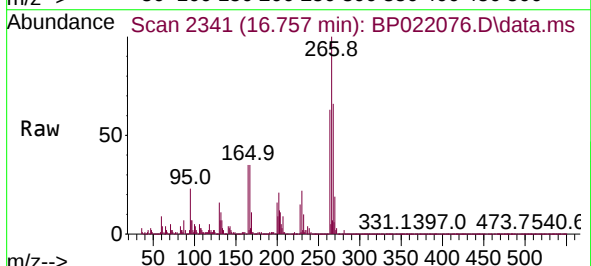
RT: 16.757 min Scan# 2341

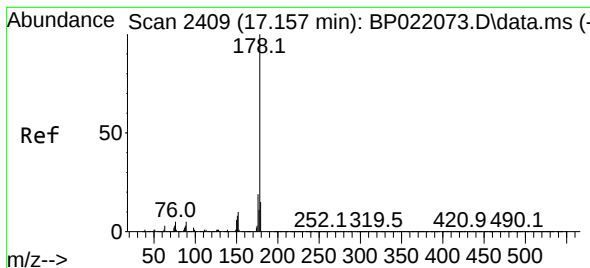
Delta R.T. 0.000 min

Lab File: BP022076.D

Acq: 27 Sep 2024 12:14

Tgt Ion:	266	Resp:	36456
Ion Ratio	Lower	Upper	
266	100		
264	62.9	50.2	75.4
268	66.4	51.4	77.0





#72

Phenanthrene

Concen: 4.323 ng/ul

RT: 17.151 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BP022076.D

Acq: 27 Sep 2024 12:14

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2024-06

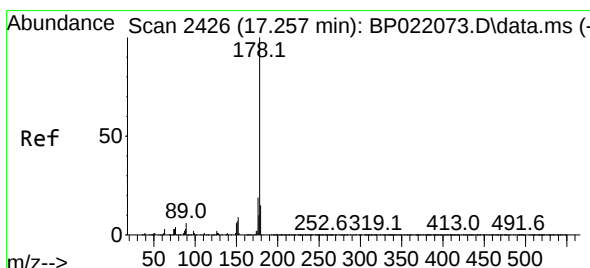
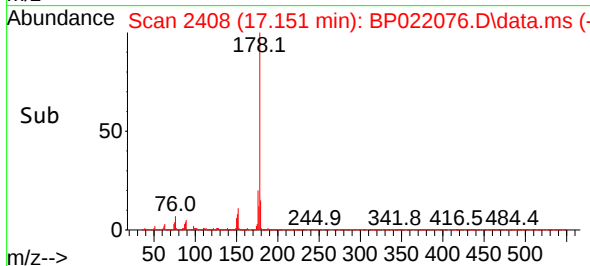
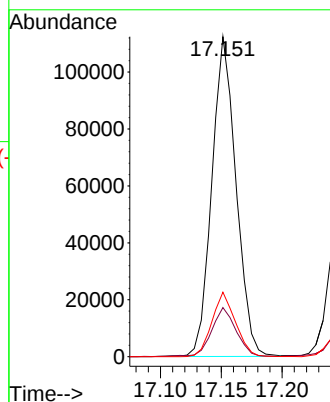
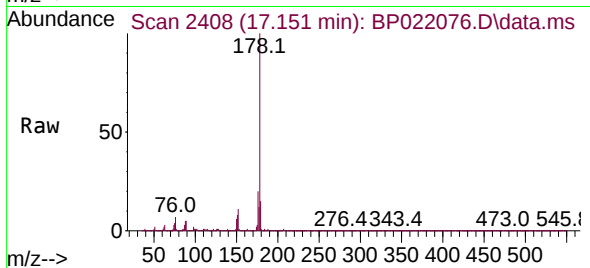
Tgt Ion:178 Resp: 155486
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 20.2 15.0 22.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#74

Anthracene

Concen: 3.691 ng/ul

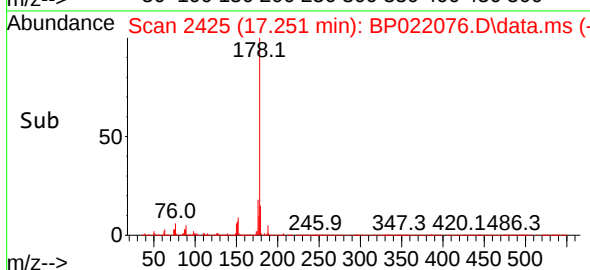
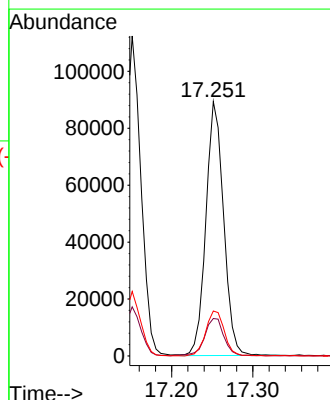
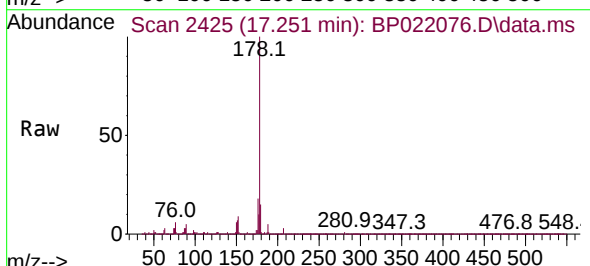
RT: 17.251 min Scan# 2425

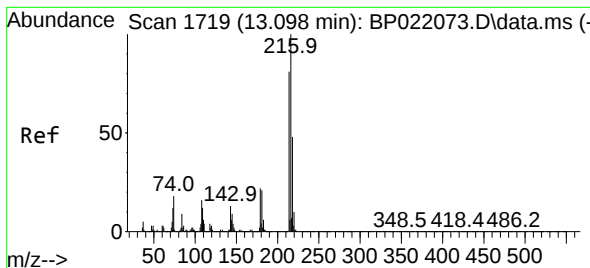
Delta R.T. -0.006 min

Lab File: BP022076.D

Acq: 27 Sep 2024 12:14

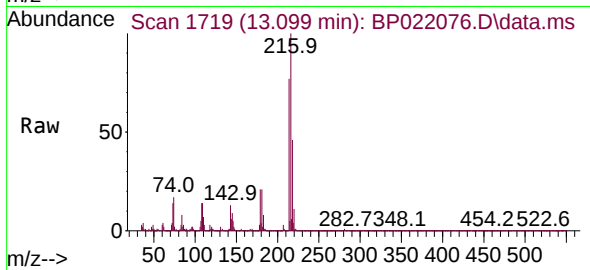
Tgt Ion:178 Resp: 135095
Ion Ratio Lower Upper
178 100
179 14.7 12.3 18.5
176 17.7 14.9 22.3





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.053 ng/uL
RT: 13.099 min Scan# 1719
Delta R.T. -0.017 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

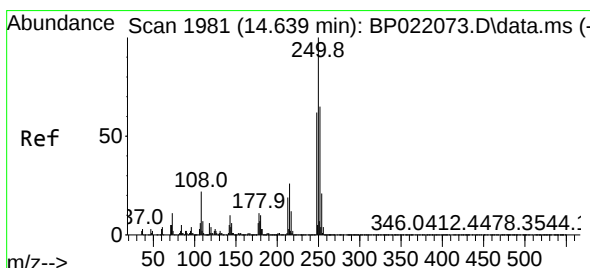
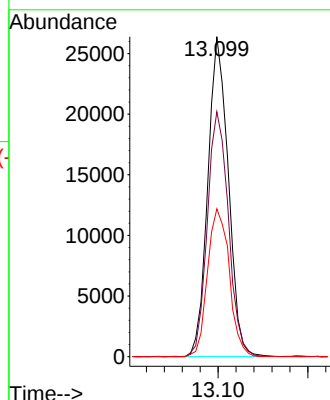
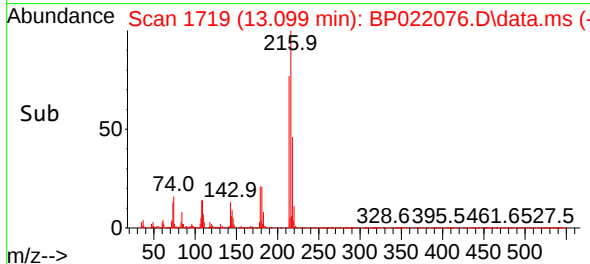
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2024-06



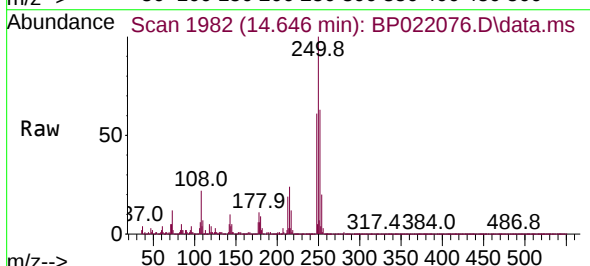
Tgt Ion:216 Resp: 4172
Ion Ratio Lower Upper
216 100
214 76.6 60.6 90.8
218 46.2 38.1 57.1

Manual Integrations
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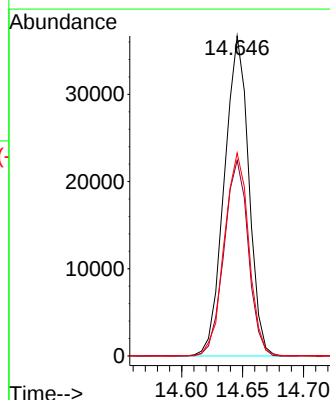
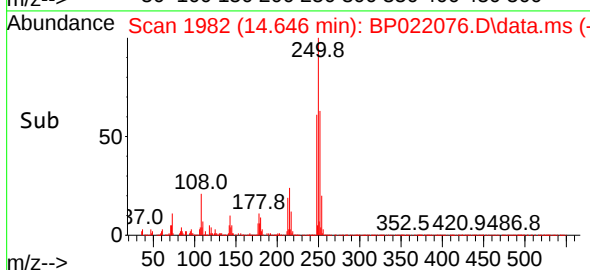
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

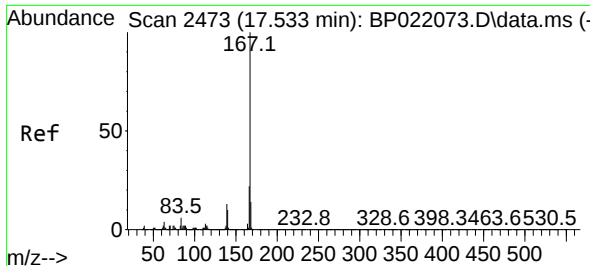


#76
Pentachlorobenzene
Concen: 4.530 ng/uL
RT: 14.646 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14



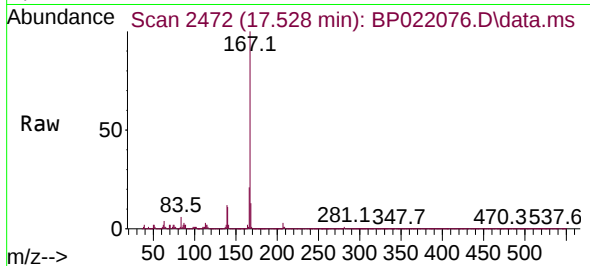
Tgt Ion:250 Resp: 51279
Ion Ratio Lower Upper
250 100
248 61.1 50.3 75.5
252 63.5 50.1 75.1





#77
 Carbazole
 Concen: 4.041 ng/ul
 RT: 17.528 min Scan# 2473
 Delta R.T. 0.006 min
 Lab File: BP022076.D
 Acq: 27 Sep 2024 12:14

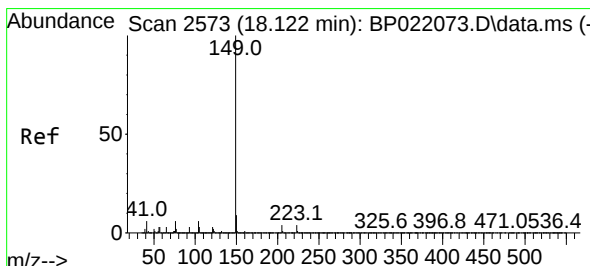
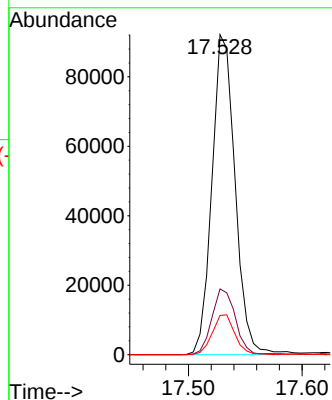
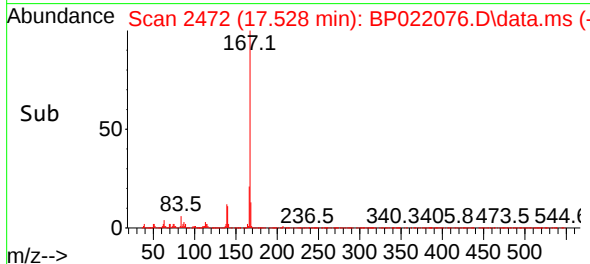
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT3-2024-06



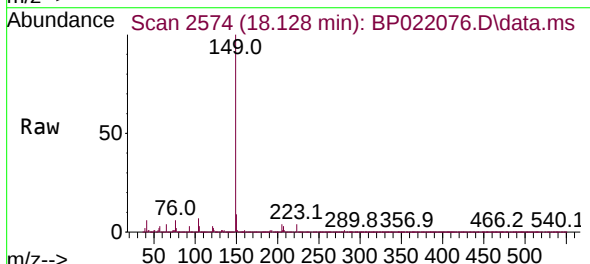
Tgt Ion:167 Resp: 130368
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.0 25.6
 139 12.3 9.9 14.9

Manual Integrations
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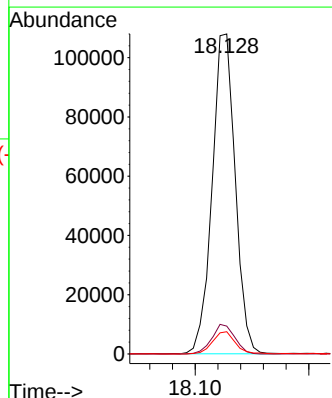
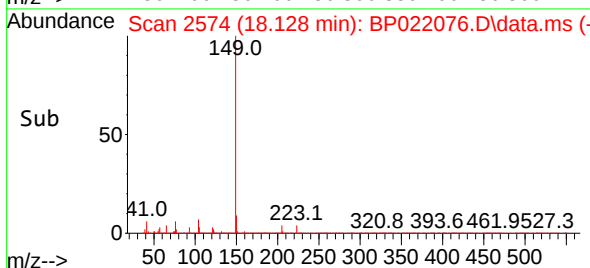
Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

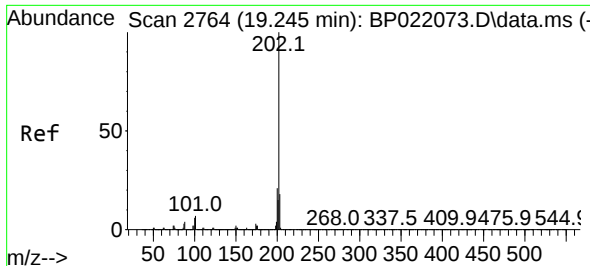


#78
 Di-n-butylphthalate
 Concen: 4.100 ng/ul
 RT: 18.128 min Scan# 2574
 Delta R.T. 0.006 min
 Lab File: BP022076.D
 Acq: 27 Sep 2024 12:14



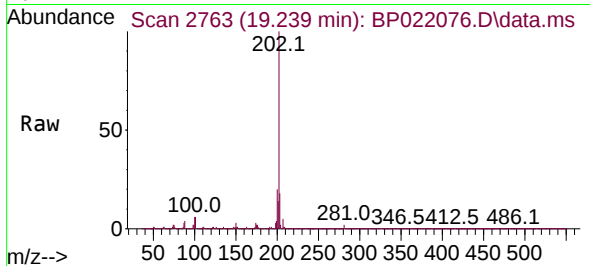
Tgt Ion:149 Resp: 152508
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.2 10.8
 104 7.0 5.0 7.6





#80
Fluoranthene
Concen: 4.059 ng/u1
RT: 19.239 min Scan# 21154
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

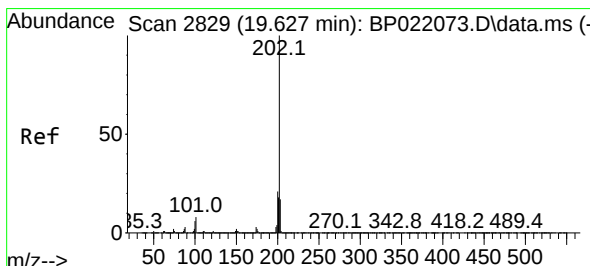
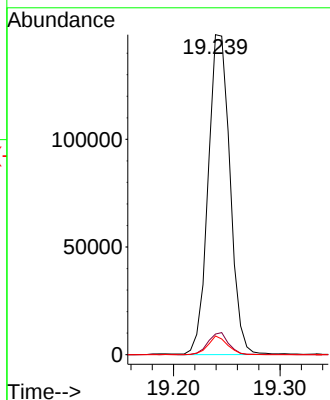
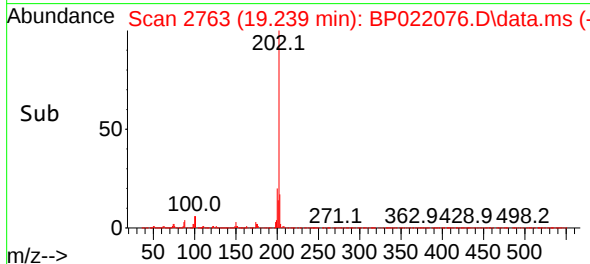
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:202 Resp: 21154
Ion Ratio Lower Upper
202 100
101 6.5 5.8 8.6
100 5.9 4.6 7.0

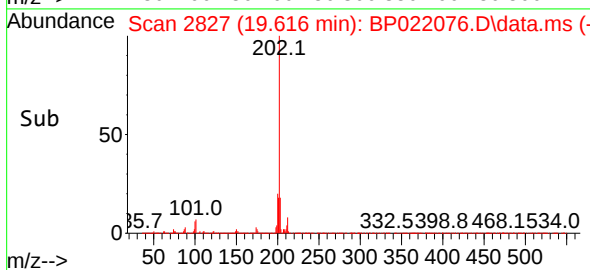
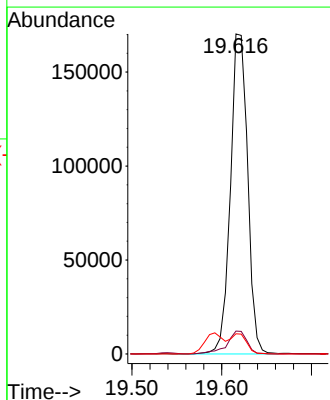
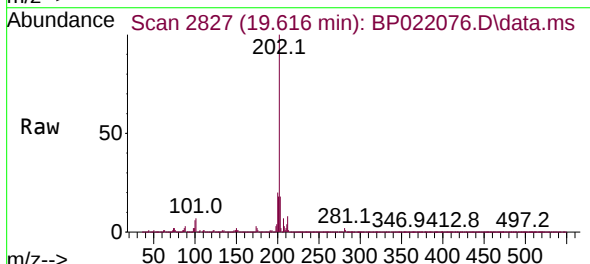
Manual Integrations
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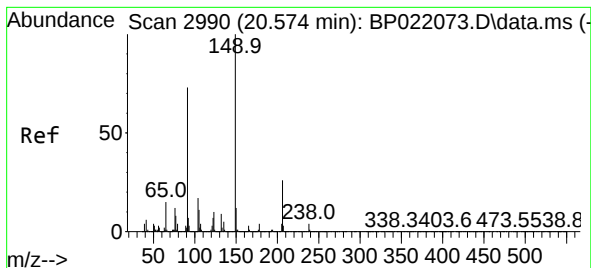
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#82
Pyrene
Concen: 4.048 ng/u1
RT: 19.616 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Tgt Ion:202 Resp: 227102
Ion Ratio Lower Upper
202 100
101 7.2 7.4 11.0#
100 6.3 6.2 9.2





#83

Butylbenzylphthalate

Concen: 3.709 ng/ul

RT: 20.569 min Scan# 2990

Delta R.T. 0.000 min

Lab File: BP022076.D

Acq: 27 Sep 2024 12:14

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2024-06

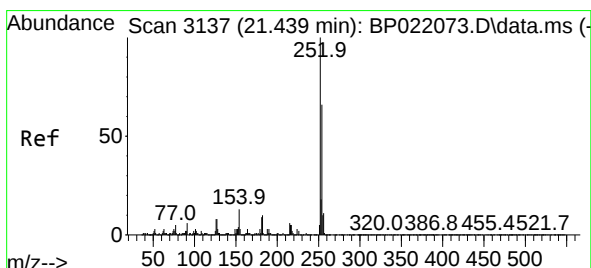
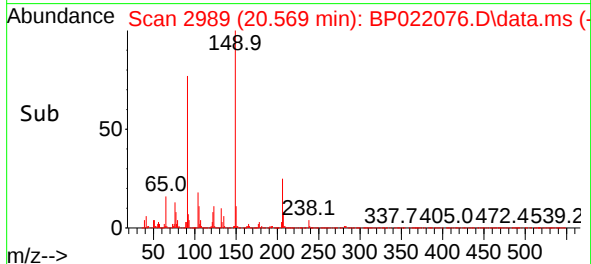
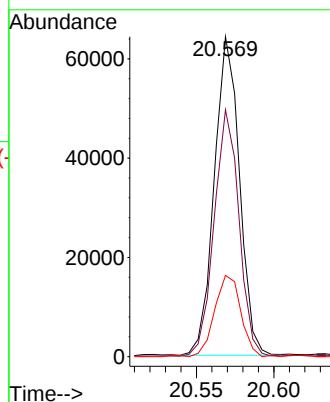
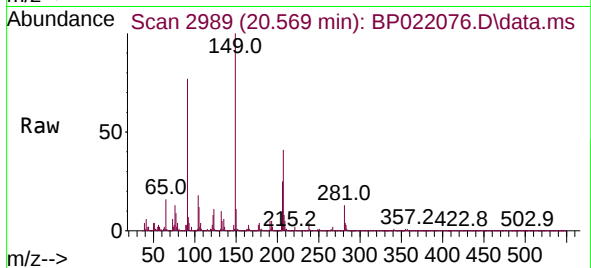
Tgt Ion:	149	Resp:	7251
Ion Ratio	Lower	Upper	
149	100		
91	77.1	60.2	90.2
206	25.4	19.8	29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#84

3,3'-Dichlorobenzidine

Concen: 3.406 ng/ul

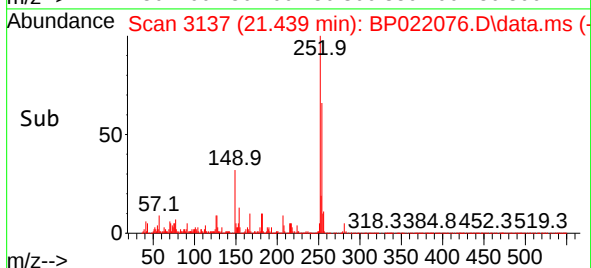
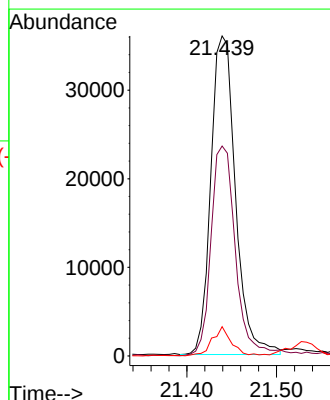
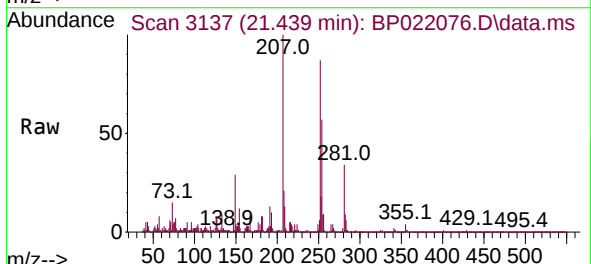
RT: 21.439 min Scan# 3137

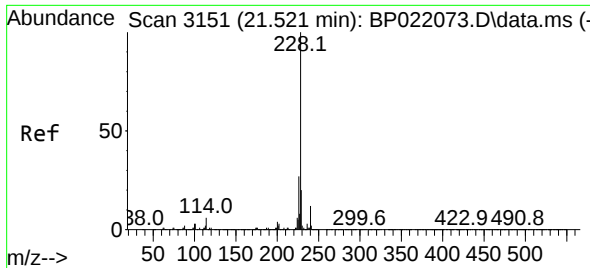
Delta R.T. -0.006 min

Lab File: BP022076.D

Acq: 27 Sep 2024 12:14

Tgt Ion:	252	Resp:	68642
Ion Ratio	Lower	Upper	
252	100		
254	65.6	51.2	76.8
126	9.1	5.8	8.8





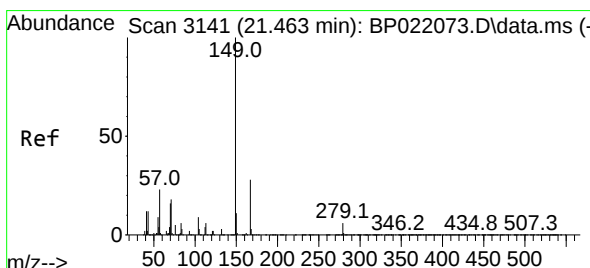
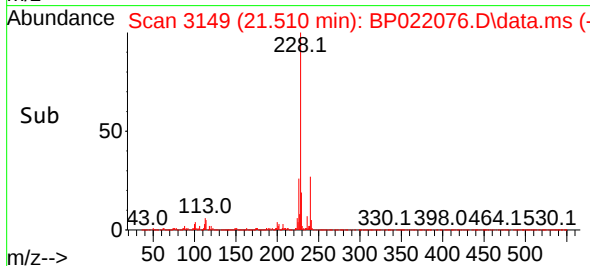
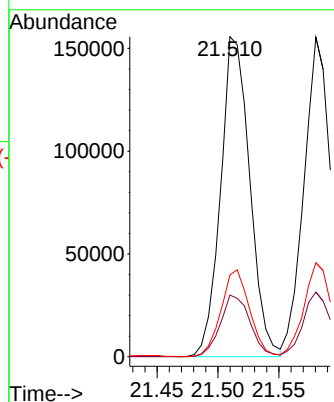
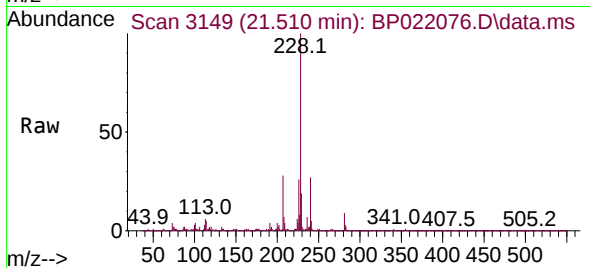
#85
Benzo(a)anthracene
Concen: 4.280 ng/ul
RT: 21.510 min Scan# 3151
Delta R.T. -0.017 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2024-06

Tgt Ion:228 Resp: 259639
Ion Ratio Lower Upper
228 100
229 19.3 15.7 23.5
226 25.5 21.4 32.2

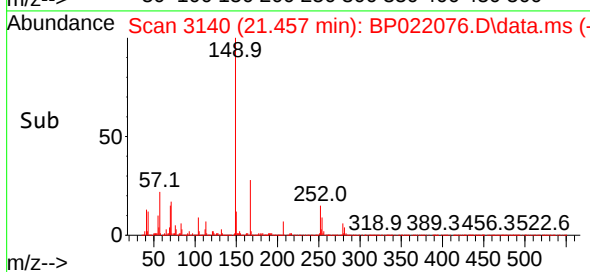
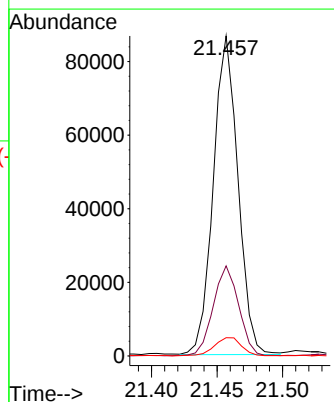
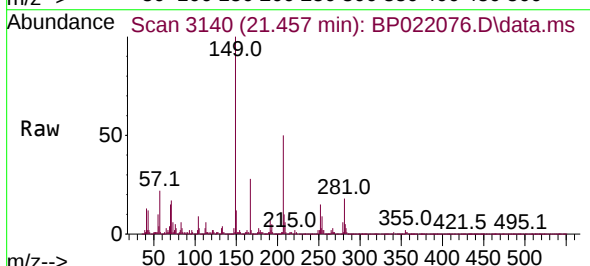
Manual Integrations
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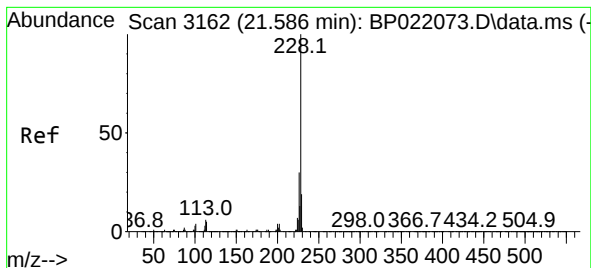
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.952 ng/ul
RT: 21.457 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Tgt Ion:149 Resp: 113368
Ion Ratio Lower Upper
149 100
167 28.2 23.0 34.4
279 5.7 4.5 6.7





#87

Chrysene

Concen: 4.200 ng/ul

RT: 21.580 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BP022076.D

Acq: 27 Sep 2024 12:14

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2024-06

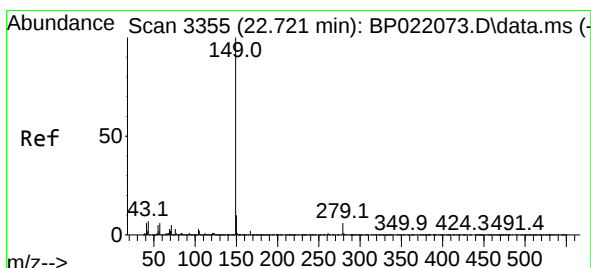
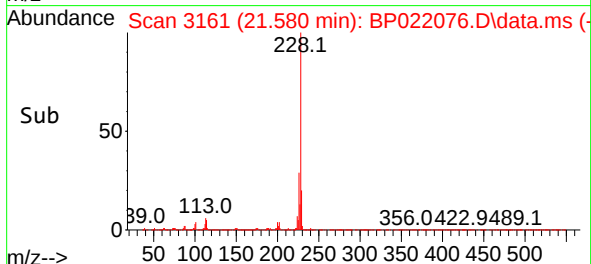
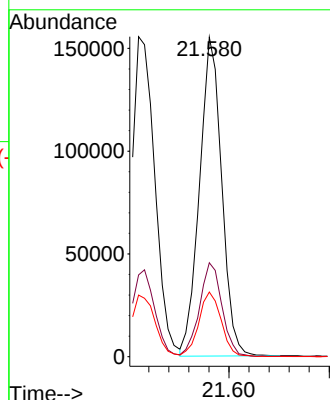
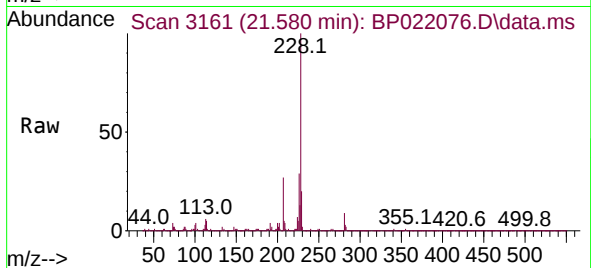
Tgt Ion:	228	Resp:	239070
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.6	35.4
229	20.3	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#89

Di-n-octyl phthalate

Concen: 3.724 ng/ul

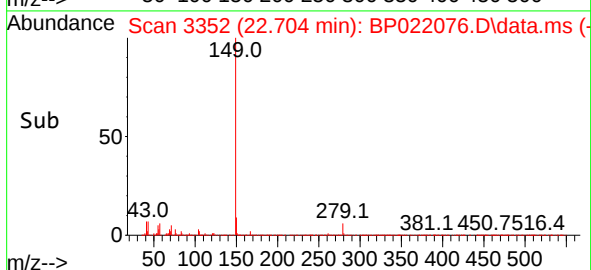
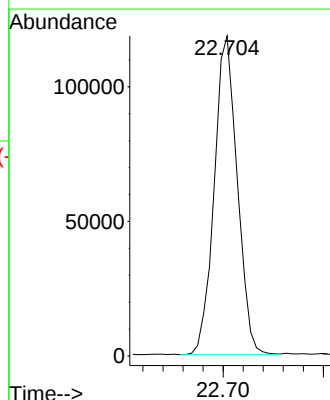
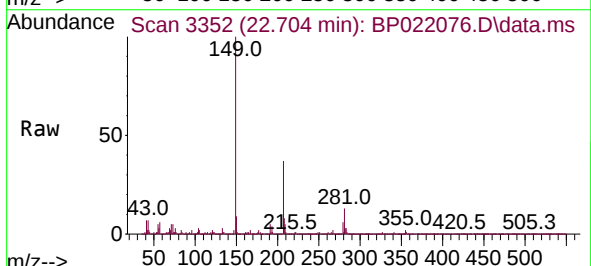
RT: 22.704 min Scan# 3352

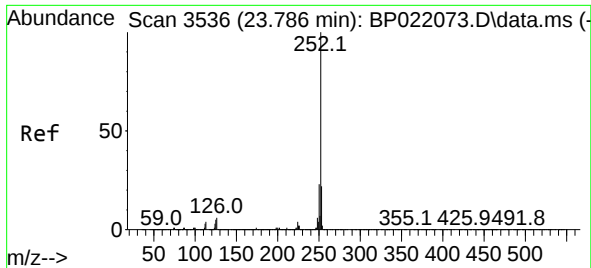
Delta R.T. -0.012 min

Lab File: BP022076.D

Acq: 27 Sep 2024 12:14

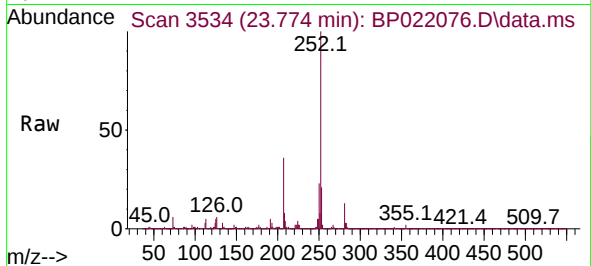
Tgt Ion:149 Resp: 189136





#90
Benzo(b)fluoranthene
Concen: 4.399 ng/ul
RT: 23.774 min Scan# 3536
Delta R.T. -0.012 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

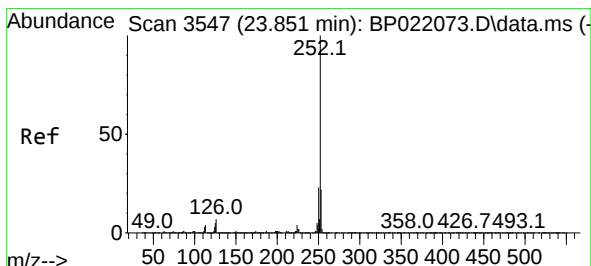
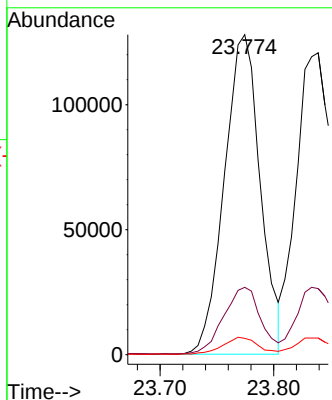
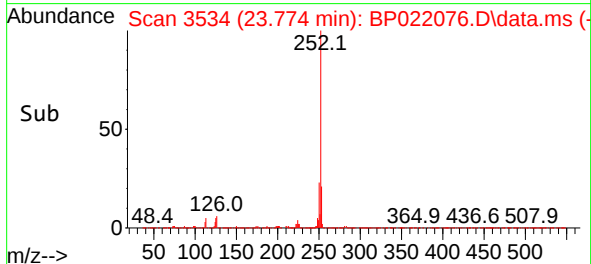
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:252 Resp: 280704
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.6
125 5.1 4.8 7.2

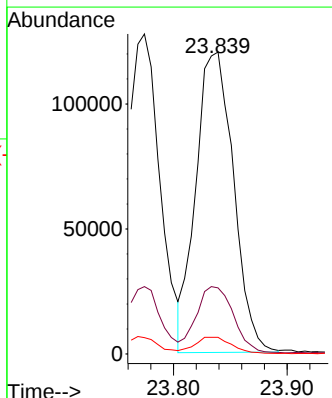
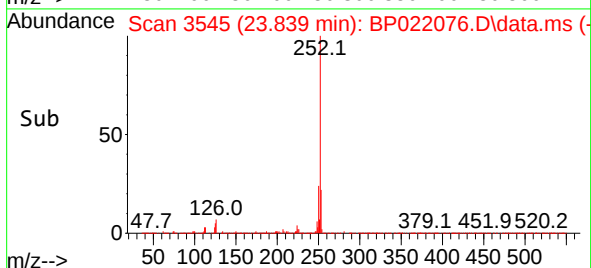
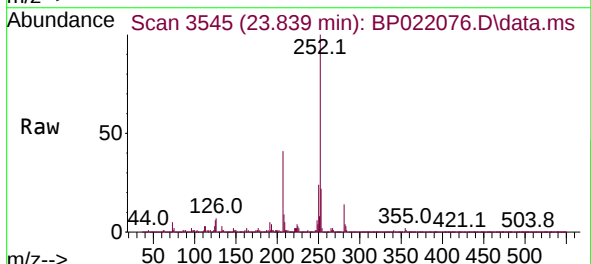
Manual Integrations
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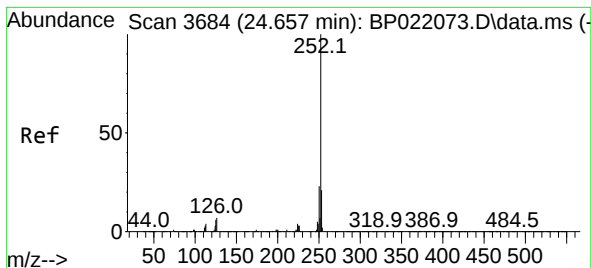
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#91
Benzo(k)fluoranthene
Concen: 4.351 ng/ul
RT: 23.839 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BP022076.D
Acq: 27 Sep 2024 12:14

Tgt Ion:252 Resp: 276701
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 5.5 5.0 7.6





#93

Benzo(a)pyrene

Concen: 4.375 ng/ul

RT: 24.651 min Scan# 30

Delta R.T. -0.023 min

Lab File: BP022076.D

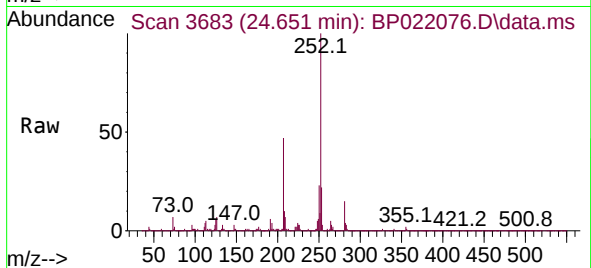
Acq: 27 Sep 2024 12:14

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2024-06



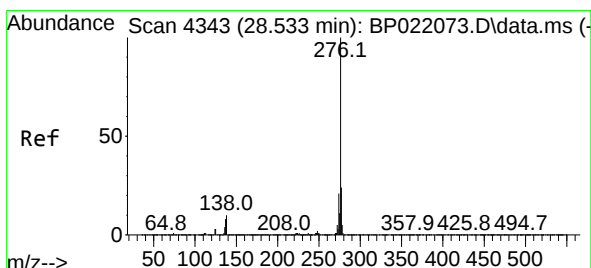
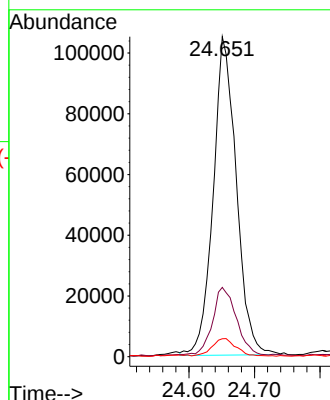
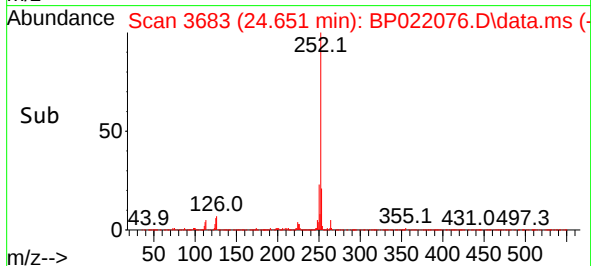
Tgt Ion:	252	Resp:	25727
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	5.6	4.8	7.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.589 ng/ul m

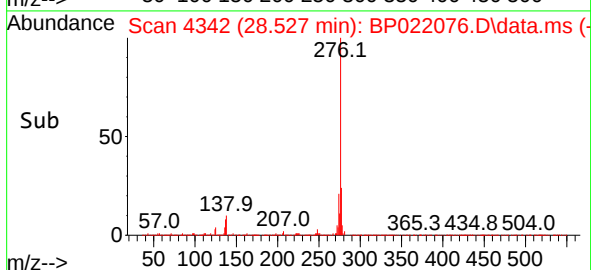
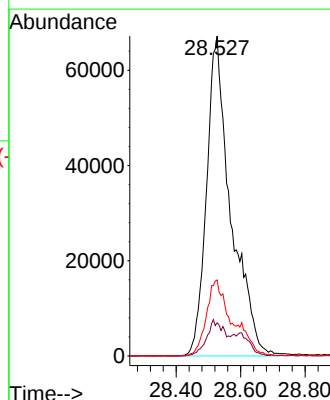
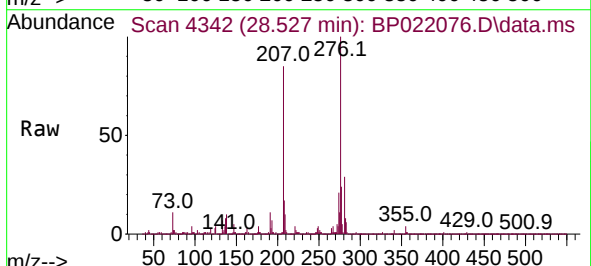
RT: 28.527 min Scan# 4342

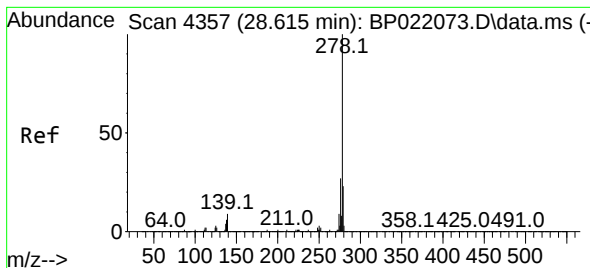
Delta R.T. -0.023 min

Lab File: BP022076.D

Acq: 27 Sep 2024 12:14

Tgt Ion:	276	Resp:	351853
Ion Ratio	Lower	Upper	
276	100		
138	10.4	9.2	13.8
277	23.7	19.4	29.0





#95

Dibenzo(a,h)anthracene

Concen: 4.763 ng/ul

RT: 28.604 min Scan# 4357

Delta R.T. -0.017 min

Lab File: BP022076.D

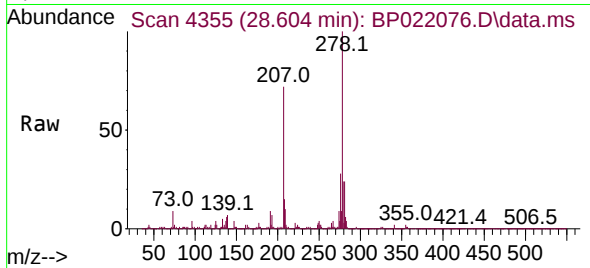
Acq: 27 Sep 2024 12:14

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT3-2024-06



Tgt Ion:278 Resp: 294150

Ion Ratio Lower Upper

278 100

139 7.2 8.0 12.0

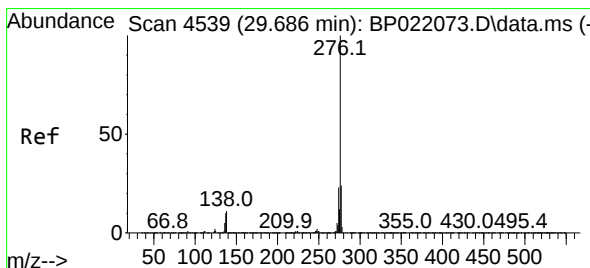
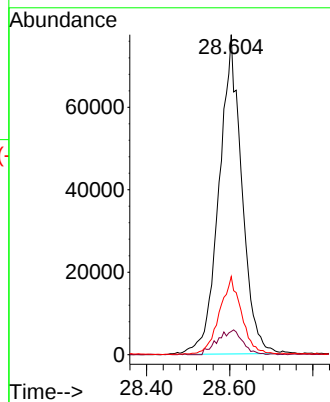
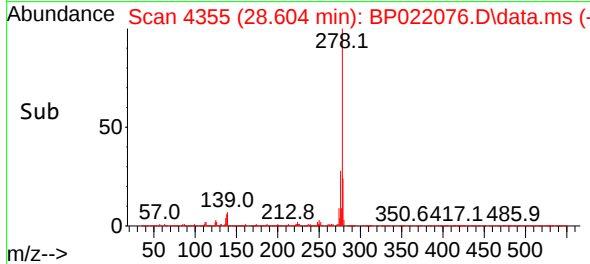
279 24.4 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :mohammad ahmed 10/01/2024



#96

Benzo(g,h,i)perylene

Concen: 4.753 ng/ul m

RT: 29.645 min Scan# 4532

Delta R.T. -0.059 min

Lab File: BP022076.D

Acq: 27 Sep 2024 12:14

Tgt Ion:276 Resp: 282781

Ion Ratio Lower Upper

276 100

138 12.4 9.0 13.6

277 25.7 19.1 28.7

