

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110824\
 Data File : BP022928.D
 Acq On : 08 Nov 2024 10:36
 Operator : RC/JU
 Sample : P4368-02
 Misc : LOQ-SOIL-10 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Quant Time: Nov 08 11:05:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 23:36:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	51769	20.000	ng	0.00
21) Naphthalene-d8	10.351	136	193021	20.000	ng	0.00
39) Acenaphthene-d10	14.222	164	157110	20.000	ng	0.00
64) Phenanthrene-d10	17.022	188	407633	20.000	ng	0.00
76) Chrysene-d12	21.463	240	514057	20.000	ng	0.00
86) Perylene-d12	24.692	264	626769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	318279	116.676	ng	0.00
7) Phenol-d6	6.799	99	438336	115.223	ng	0.00
23) Nitrobenzene-d5	8.746	82	352040	86.166	ng	0.00
42) 2,4,6-Tribromophenol	15.745	330	382056	125.458	ng	0.00
45) 2-Fluorobiphenyl	12.828	172	922776	83.923	ng	0.01
79) Terphenyl-d14	19.763	244	2148352	78.486	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.181	88	11947	10.970	ng	95
3) Pyridine	3.587	79	26359	8.815	ng	99
4) n-Nitrosodimethylamine	3.493	42	15449	10.717	ng	# 93
6) Aniline	6.946	93	39676	12.511	ng	98
8) 2-Chlorophenol	7.175	128	28907	10.109	ng	93
9) Benzaldehyde	6.769	77	29521m	13.427	ng	
10) Phenol	6.822	94	37173	9.867	ng	90
11) bis(2-Chloroethyl)ether	7.034	93	28724	10.091	ng	96
12) 1,3-Dichlorobenzene	7.487	146	36341	9.959	ng	98
13) 1,4-Dichlorobenzene	7.634	146	36398	9.768	ng	97
14) 1,2-Dichlorobenzene	7.946	146	35744	9.921	ng	94
15) Benzyl Alcohol	7.846	79	24608	8.540	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.104	45	33633	10.891	ng	97
17) 2-Methylphenol	8.051	107	24548	9.599	ng	95
18) Hexachloroethane	8.651	117	13465	9.768	ng	96
19) n-Nitroso-di-n-propyla...	8.393	70	25892	9.944	ng	# 98
20) 3+4-Methylphenols	8.381	107	33087	9.257	ng	98
22) Acetophenone	8.410	105	53904	10.492	ng	# 96
24) Nitrobenzene	8.781	77	43255	10.423	ng	96
25) Isophorone	9.304	82	69686	10.078	ng	98
26) 2-Nitrophenol	9.487	139	16245	9.532	ng	96
27) 2,4-Dimethylphenol	9.551	122	16775	8.620	ng	96
28) bis(2-Chloroethoxy)met...	9.781	93	39156	9.969	ng	98
29) 2,4-Dichlorophenol	10.034	162	31692	9.408	ng	93
30) 1,2,4-Trichlorobenzene	10.216	180	41131	9.551	ng	96
31) Naphthalene	10.398	128	96619	9.990	ng	99
32) Benzoic acid	9.681	122	33715m	14.428	ng	
33) 4-Chloroaniline	10.534	127	36058	10.475	ng	94
34) Hexachlorobutadiene	10.675	225	29927	9.475	ng	98
35) Caprolactam	11.316	113	9476	9.397	ng	96
36) 4-Chloro-3-methylphenol	11.663	107	35191	9.370	ng	99
37) 2-Methylnaphthalene	12.016	142	72375	9.992	ng	99
38) 1-Methylnaphthalene	12.234	142	67144	9.339	ng	96
40) 1,2,4,5-Tetrachloroben...	12.387	216	54380	10.224	ng	99
41) Hexachlorocyclopentadiene	12.357	237	12543	8.397	ng	98
43) 2,4,6-Trichlorophenol	12.639	196	31893	9.428	ng	99

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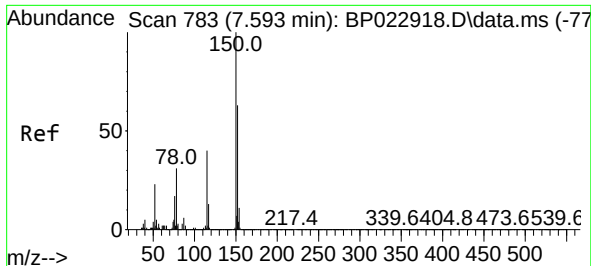
Quant Time: Nov 08 11:05:50 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.734	196	35762	9.287	ng	94
46) 1,1'-Biphenyl	13.034	154	107823	10.324	ng	98
47) 2-Chloronaphthalene	13.075	162	85572	9.873	ng	99
48) 2-Nitroaniline	13.304	65	22884	9.062	ng	91
49) Acenaphthylene	13.939	152	130581	10.788	ng	98
50) Dimethylphthalate	13.669	163	115841	10.071	ng	99
51) 2,6-Dinitrotoluene	13.792	165	23724	9.070	ng	90
52) Acenaphthene	14.286	154	75453	9.694	ng	97
53) 3-Nitroaniline	14.139	138	19683	9.262	ng	96
54) 2,4-Dinitrophenol	14.375	184	12412	7.647	ng	92
55) Dibenzofuran	14.628	168	138854	10.158	ng	98
56) 4-Nitrophenol	14.498	139	14403	8.241	ng	93
57) 2,4-Dinitrotoluene	14.622	165	34731	9.185	ng	# 92
58) Fluorene	15.286	166	111528	9.821	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.857	232	35591	9.583	ng	98
60) Diethylphthalate	15.057	149	108203	9.458	ng	99
61) 4-Chlorophenyl-phenyle...	15.286	204	66562	9.945	ng	95
62) 4-Nitroaniline	15.339	138	21068m	9.661	ng	
63) Azobenzene	15.580	77	100560	10.222	ng	96
65) 4,6-Dinitro-2-methylph...	15.398	198	33985	13.704	ng	96
66) n-Nitrosodiphenylamine	15.498	169	97969	9.721	ng	98
67) 4-Bromophenyl-phenylether	16.192	248	45821	9.372	ng	94
68) Hexachlorobenzene	16.316	284	59365	9.480	ng	97
69) Atrazine	16.480	200	42767	12.590	ng	98
70) Pentachlorophenol	16.680	266	34427	8.608	ng	100
71) Phenanthrene	17.069	178	195824	9.926	ng	98
72) Anthracene	17.169	178	192978	10.193	ng	99
73) Carbazole	17.457	167	176821	9.779	ng	99
74) Di-n-butylphthalate	18.027	149	184637	9.162	ng	100
75) Fluoranthene	19.157	202	263232	9.619	ng	99
77) Benzidine	19.369	184	117624	11.581	ng	97
78) Pyrene	19.533	202	268451	8.822	ng	99
80) Butylbenzylphthalate	20.492	149	88772	8.556	ng	93
81) Benzo(a)anthracene	21.439	228	309411	9.673	ng	100
82) 3,3'-Dichlorobenzidine	21.368	252	119977	9.265	ng	97
83) Chrysene	21.510	228	292735	9.770	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	129004	8.664	ng	98
85) Di-n-octyl phthalate	22.598	149	221494	8.902	ng	99
87) Indeno(1,2,3-cd)pyrene	28.350	276	437988	10.361	ng	# 97
88) Benzo(b)fluoranthene	23.668	252	354432m	9.625	ng	
89) Benzo(k)fluoranthene	23.739	252	348709	10.029	ng	100
90) Benzo(a)pyrene	24.533	252	330896	10.502	ng	99
91) Dibenzo(a,h)anthracene	28.415	278	350895	10.122	ng	97
92) Benzo(g,h,i)perylene	29.486	276	334025	9.403	ng	98

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



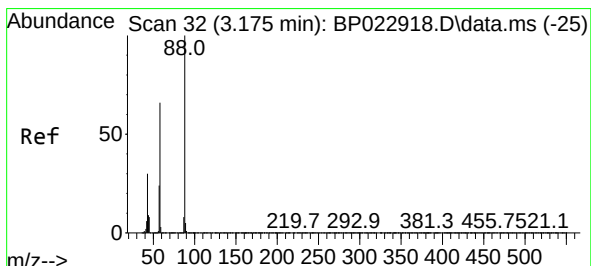
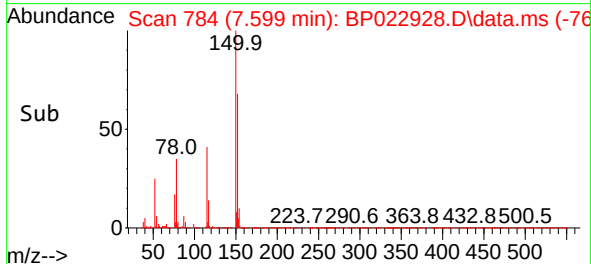
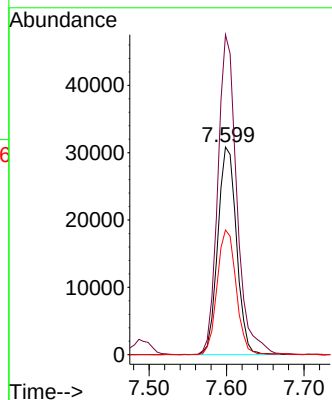
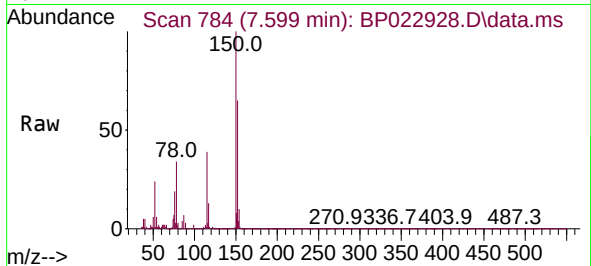
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.599 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:152 Resp: 51769
Ion Ratio Lower Upper
152 100
150 154.1 127.0 190.4
115 60.1 50.5 75.7

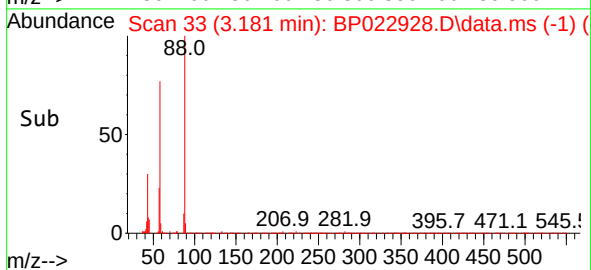
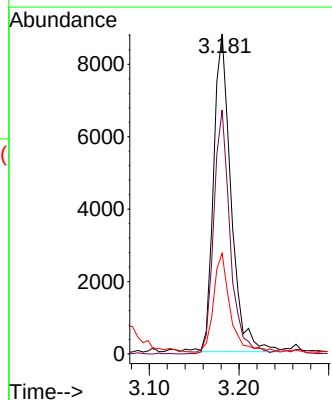
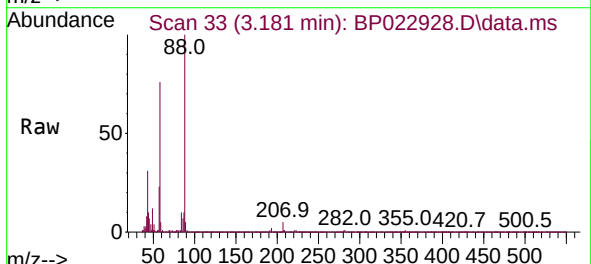
Manual Integrations
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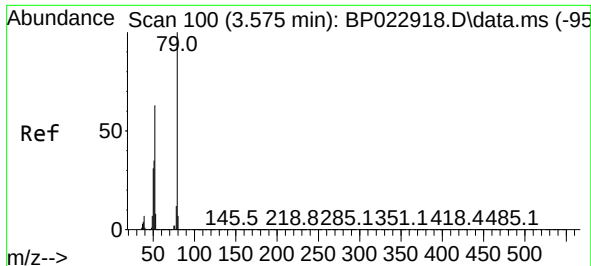
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#2
1,4-Dioxane
Concen: 10.970 ng
RT: 3.181 min Scan# 33
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Tgt Ion: 88 Resp: 11947
Ion Ratio Lower Upper
88 100
58 71.7 52.8 79.2
43 29.3 23.4 35.0





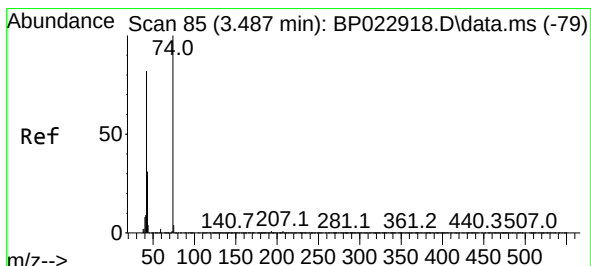
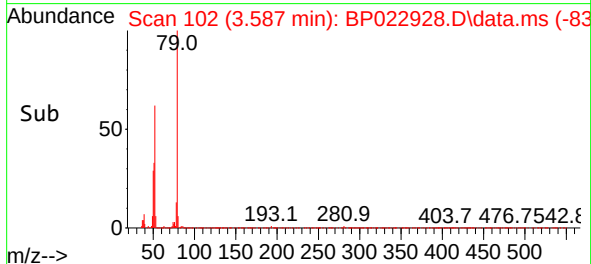
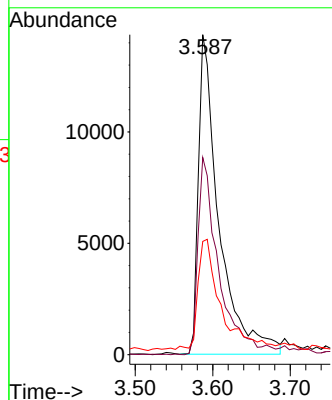
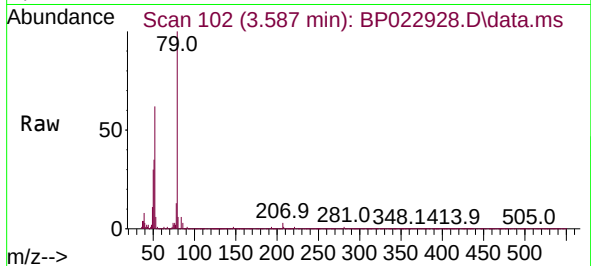
#3
Pyridine
Concen: 8.815 ng
RT: 3.587 min Scan# 101
Delta R.T. 0.012 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion: 79 Resp: 26359
Ion Ratio Lower Upper
79 100
52 61.6 50.4 75.6
51 35.4 28.6 43.0

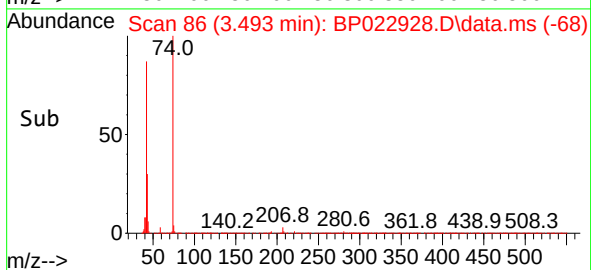
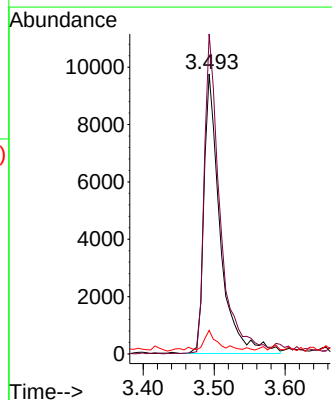
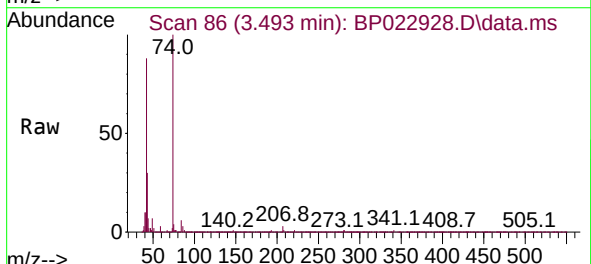
Manual Integrations
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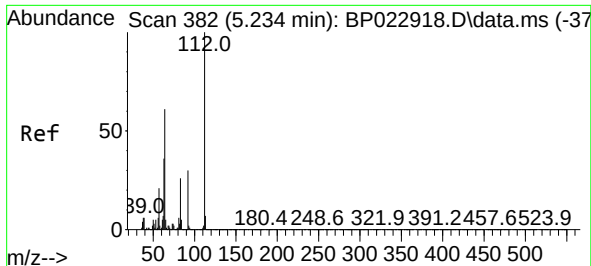
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#4
n-Nitrosodimethylamine
Concen: 10.717 ng
RT: 3.493 min Scan# 86
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

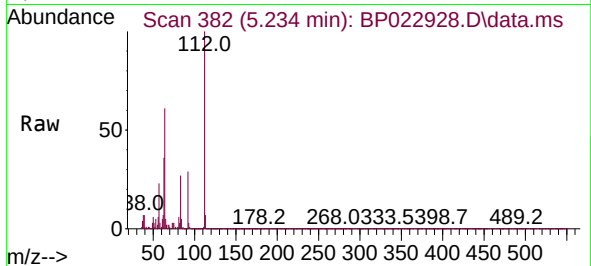
Tgt Ion: 42 Resp: 15449
Ion Ratio Lower Upper
42 100
74 114.3 97.7 146.5
44 8.4 4.5 6.7





#5
2-Fluorophenol
Concen: 116.676 ng
RT: 5.234 min Scan# 382
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

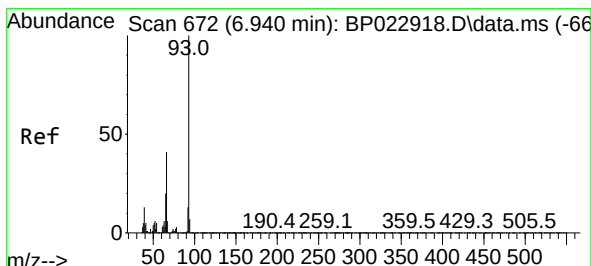
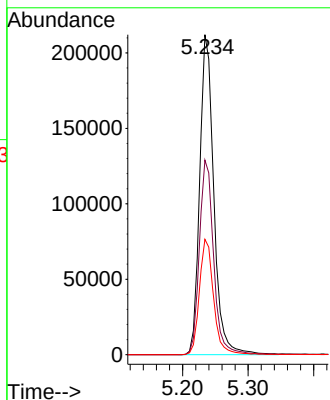
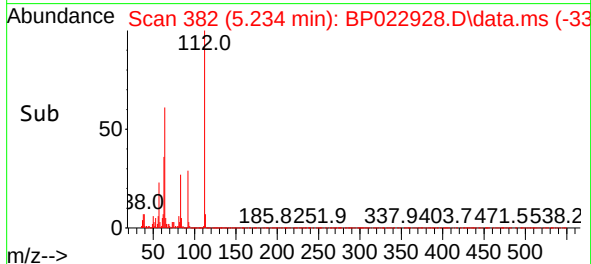
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT4-2024



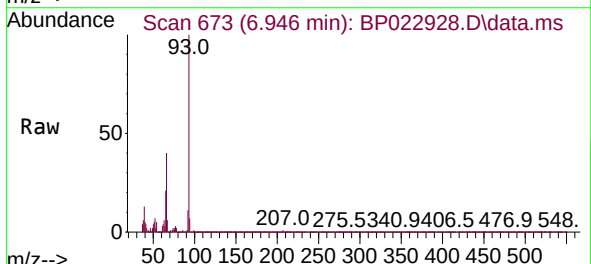
Tgt Ion:112 Resp: 318279
Ion Ratio Lower Upper
112 100
64 60.8 48.7 73.1
63 36.0 29.0 43.4

Manual Integrations
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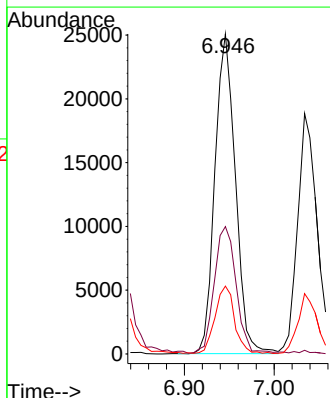
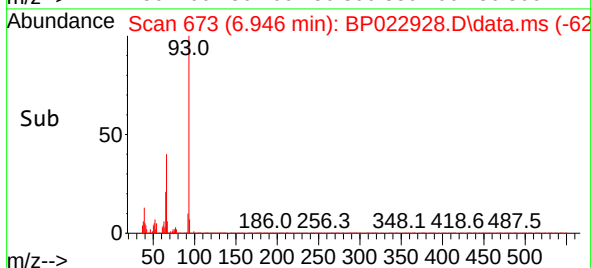
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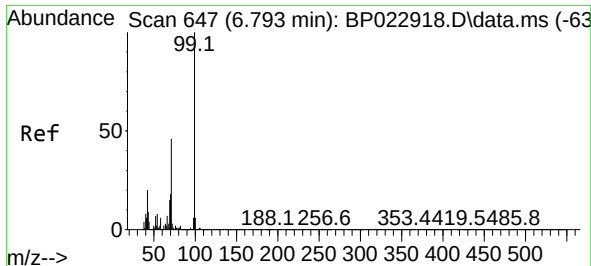


#6
Aniline
Concen: 12.511 ng
RT: 6.946 min Scan# 673
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36



Tgt Ion: 93 Resp: 39676
Ion Ratio Lower Upper
93 100
66 39.8 32.9 49.3
65 21.2 16.0 24.0





#7

Phenol-d6

Concen: 115.223 ng

RT: 6.799 min Scan# 647

Delta R.T. 0.006 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Instrument :

BNA_P

ClientSampleId :

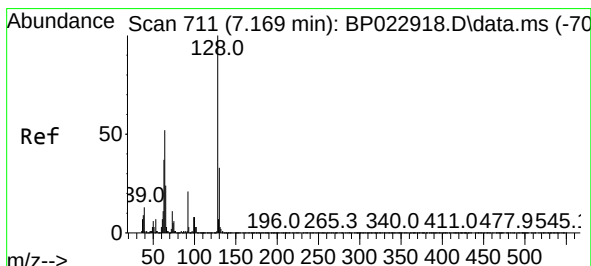
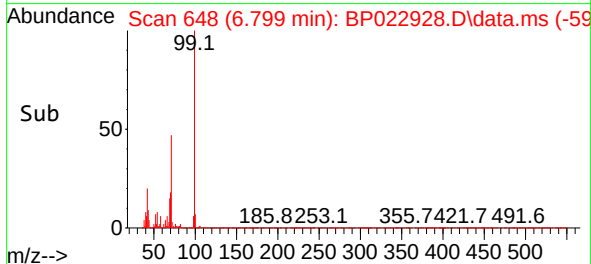
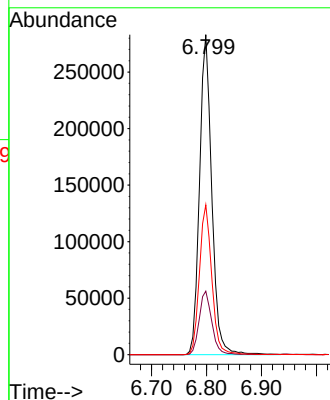
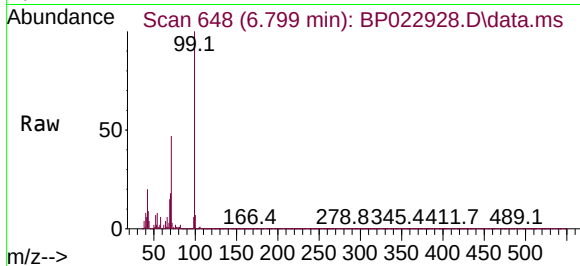
LOQ-SOIL-02-QT4-2024

Tgt Ion:	99	Resp:	438330
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.8	23.6
71	46.8	36.6	55.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 10.109 ng

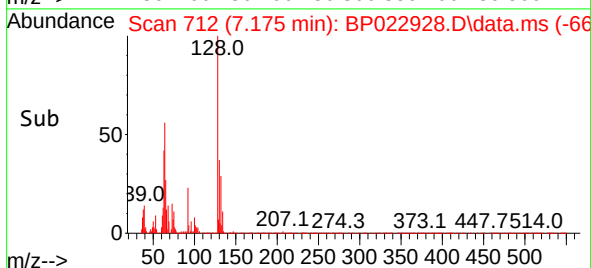
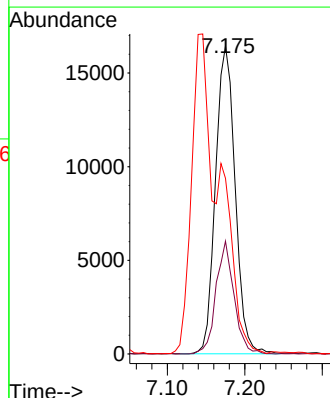
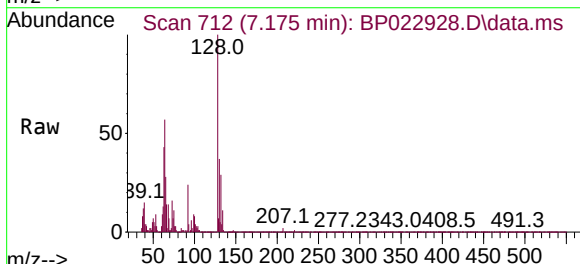
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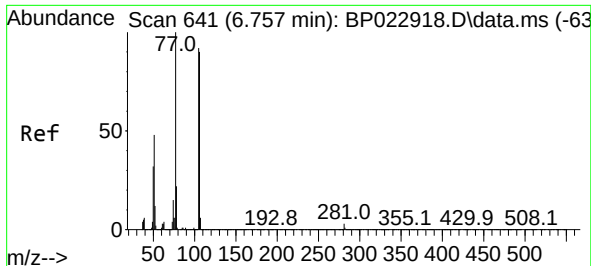
Delta R.T. 0.006 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

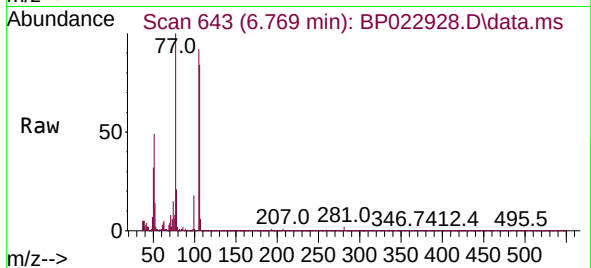
Tgt Ion:	128	Resp:	28907
Ion	Ratio	Lower	Upper
128	100		
130	36.7	12.6	52.6
64	57.1	32.7	72.7





#9
Benzaldehyde
Concen: 13.427 ng m
RT: 6.769 min Scan# 641
Delta R.T. 0.012 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

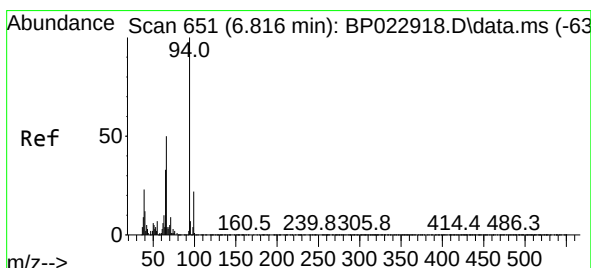
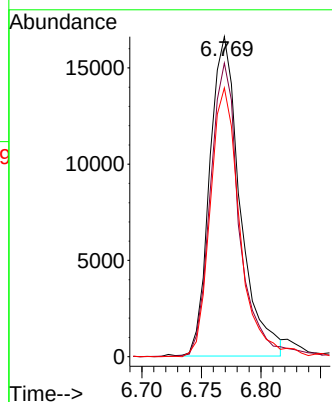
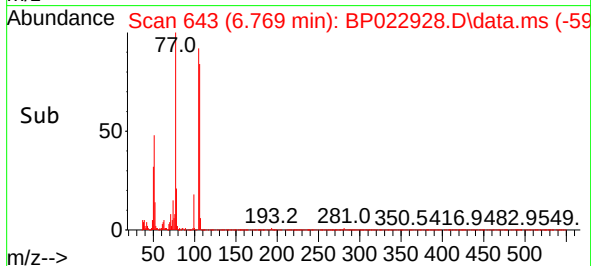
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 77 Resp: 2952
Ion Ratio Lower Upper
77 100
105 91.7 71.4 111.4
106 84.0 69.9 109.9

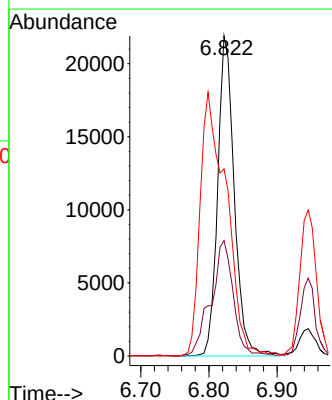
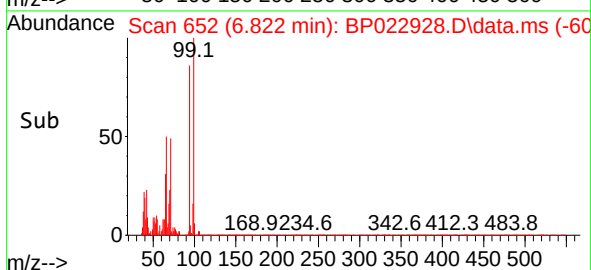
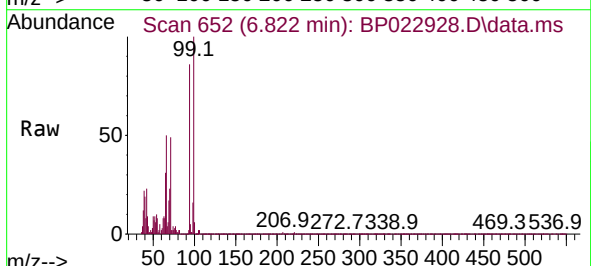
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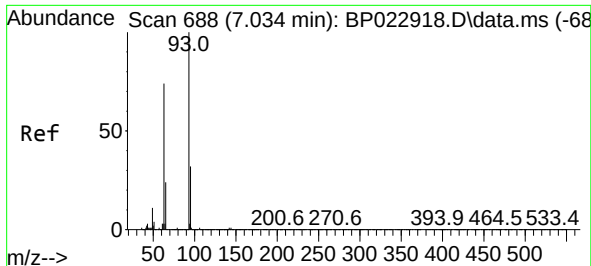
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#10
Phenol
Concen: 9.867 ng
RT: 6.822 min Scan# 652
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

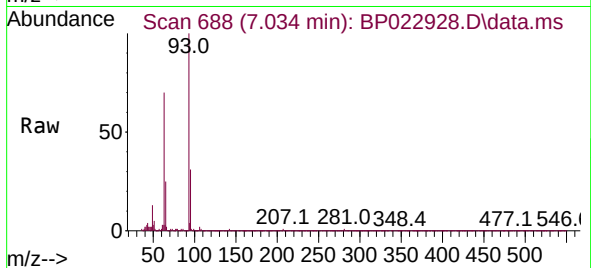
Tgt Ion: 94 Resp: 37173
Ion Ratio Lower Upper
94 100
65 36.1 12.9 52.9
66 58.5 30.0 70.0





#11
bis(2-Chloroethyl)ether
Concen: 10.091 ng
RT: 7.034 min Scan# 688
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

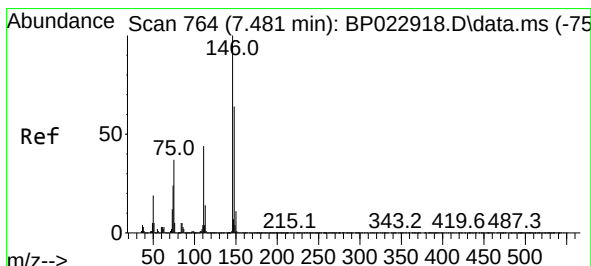
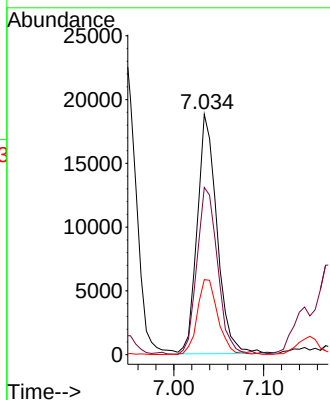
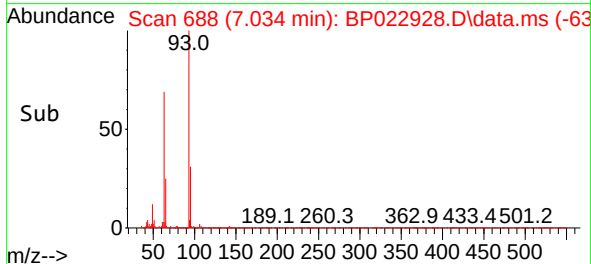
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 93 Resp: 28724
Ion Ratio Lower Upper
93 100
63 69.5 53.6 93.6
95 31.2 12.1 52.1

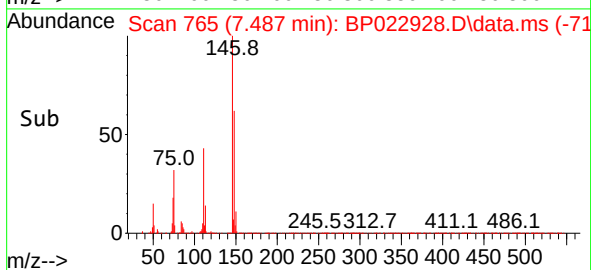
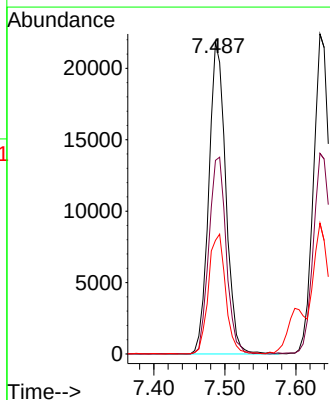
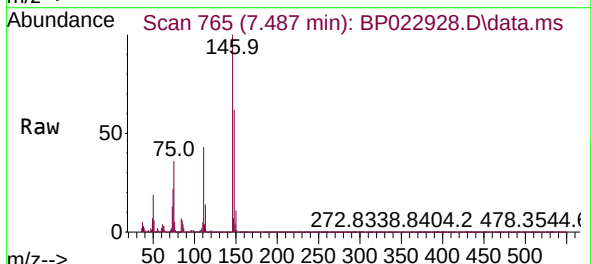
Manual Integrations
APPROVED

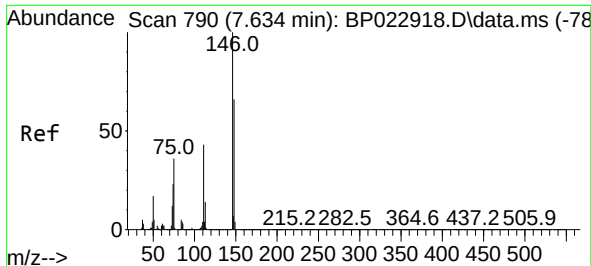
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#12
1,3-Dichlorobenzene
Concen: 9.959 ng
RT: 7.487 min Scan# 765
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

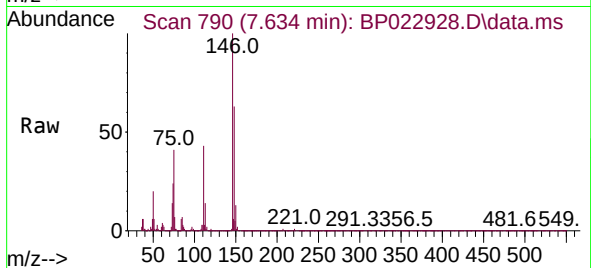
Tgt Ion:146 Resp: 36341
Ion Ratio Lower Upper
146 100
148 62.1 51.4 77.0
75 36.5 29.3 43.9





#13
1,4-Dichlorobenzene
Concen: 9.768 ng
RT: 7.634 min Scan# 790
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

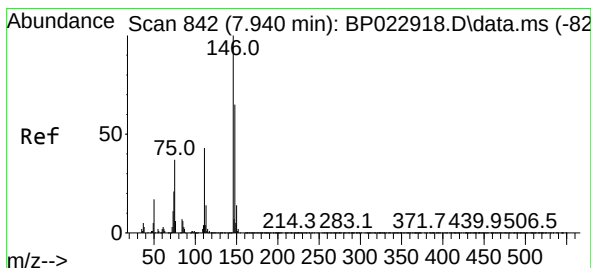
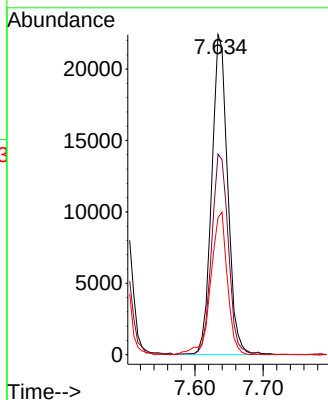
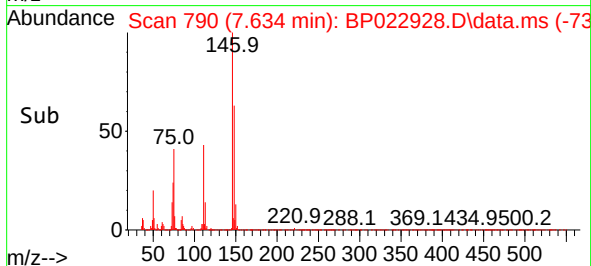
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



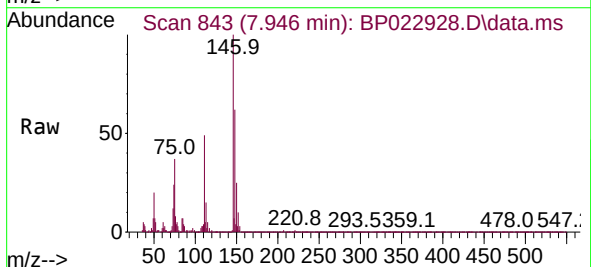
Tgt Ion:146 Resp: 36398
Ion Ratio Lower Upper
146 100
148 62.7 53.2 79.8
111 42.9 35.0 52.4

Manual Integrations
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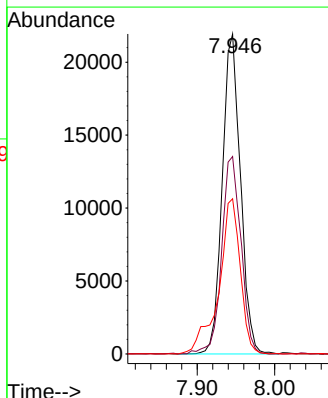
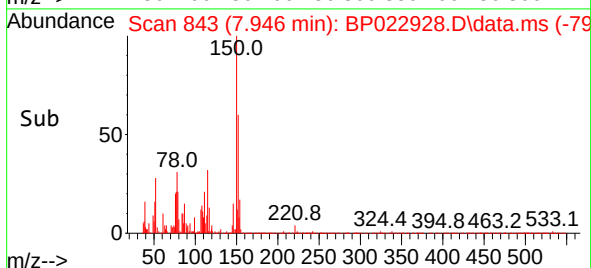
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

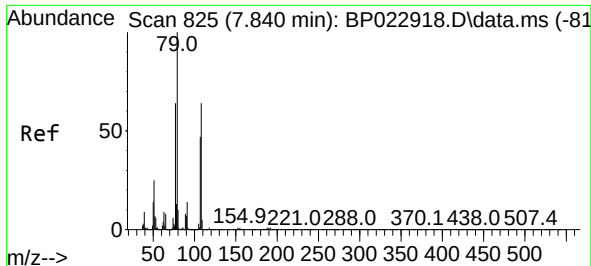


#14
1,2-Dichlorobenzene
Concen: 9.921 ng
RT: 7.946 min Scan# 843
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36



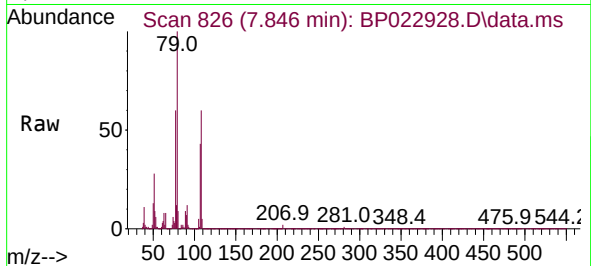
Tgt Ion:146 Resp: 35744
Ion Ratio Lower Upper
146 100
148 61.7 52.4 78.6
111 48.5 34.2 51.4





#15
Benzyl Alcohol
Concen: 8.540 ng
RT: 7.846 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

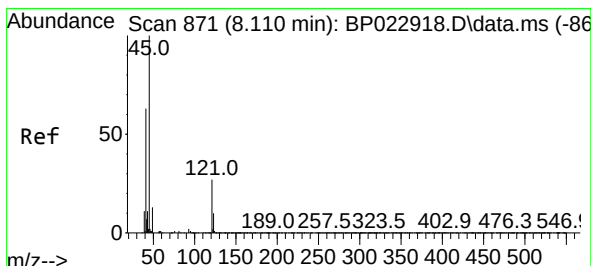
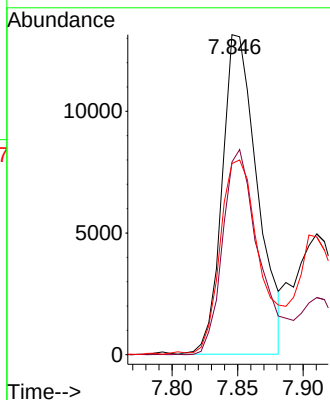
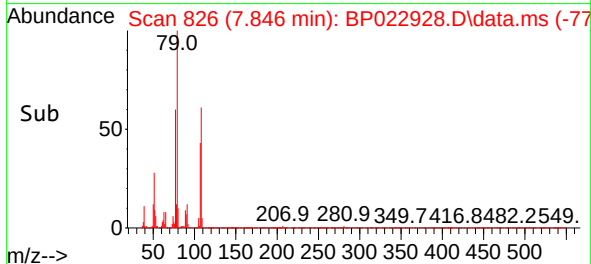
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



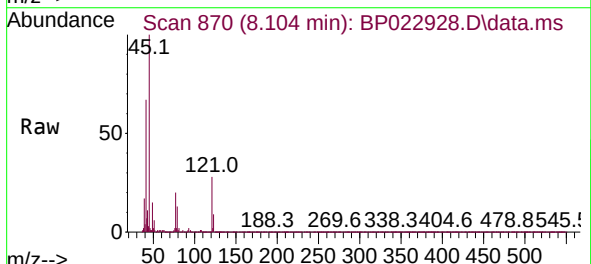
Tgt Ion: 79 Resp: 24608
Ion Ratio Lower Upper
79 100
108 60.2 51.2 76.8
77 59.8 51.3 76.9

Manual Integrations
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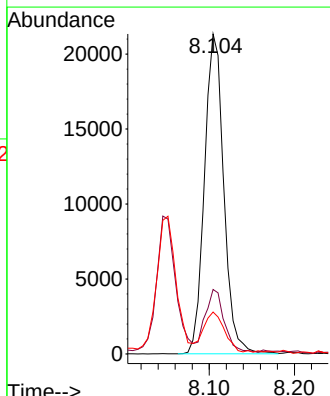
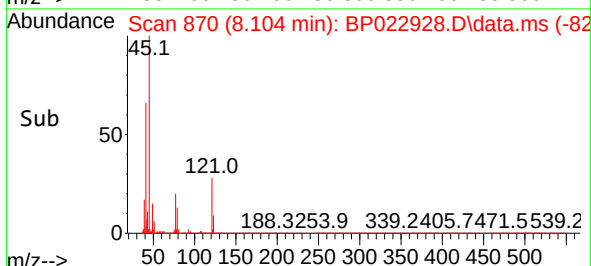
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

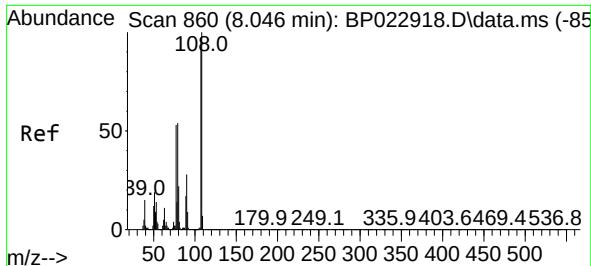


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.891 ng
RT: 8.104 min Scan# 870
Delta R.T. -0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36



Tgt Ion: 45 Resp: 33633
Ion Ratio Lower Upper
45 100
77 20.2 0.0 39.5
79 13.1 0.0 34.9





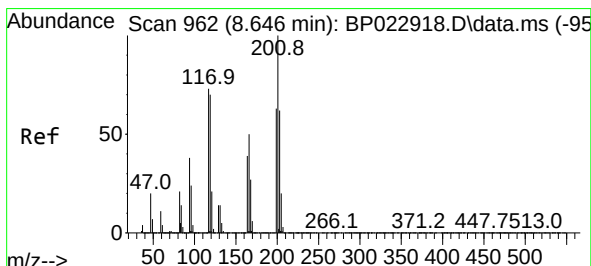
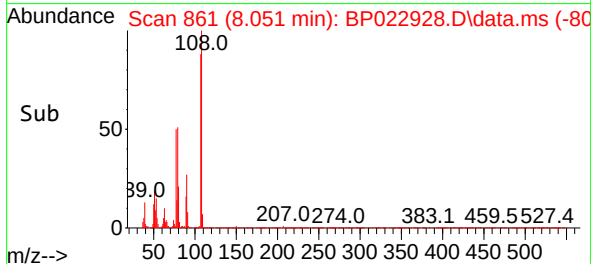
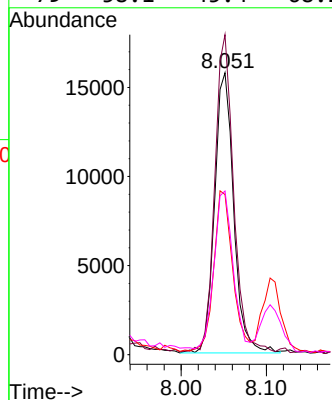
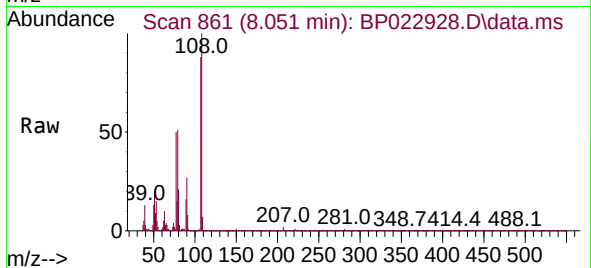
#17
2-Methylphenol
Concen: 9.599 ng
RT: 8.051 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:	107	Resp:	2454
Ion	Ratio	Lower	Upper
107	100		
108	113.5	83.7	125.5
77	56.8	45.0	67.4
79	58.1	45.4	68.2

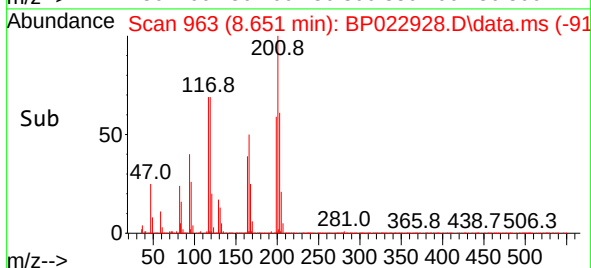
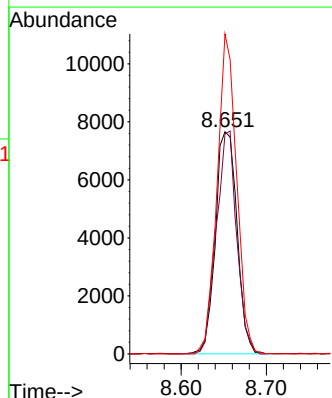
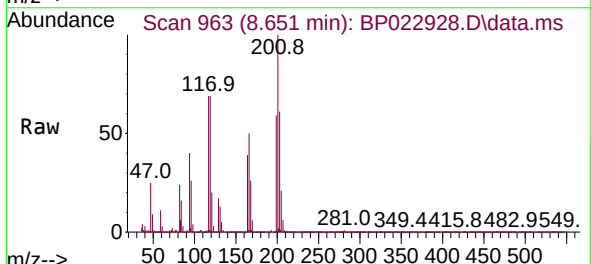
Manual Integrations
APPROVED

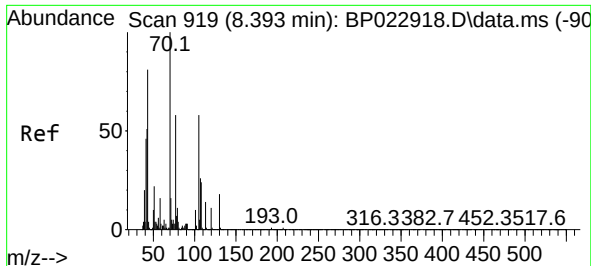
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#18
Hexachloroethane
Concen: 9.768 ng
RT: 8.651 min Scan# 963
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

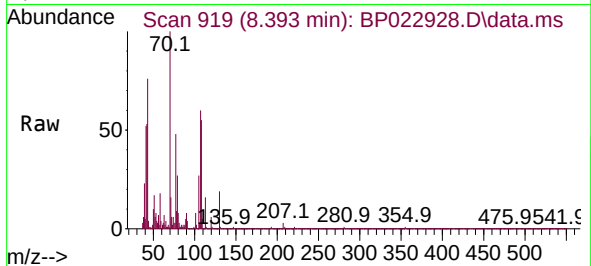
Tgt Ion:	117	Resp:	13465
Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.7	115.1
201	144.0	110.0	165.0





#19
n-Nitroso-di-n-propylamine
Concen: 9.944 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

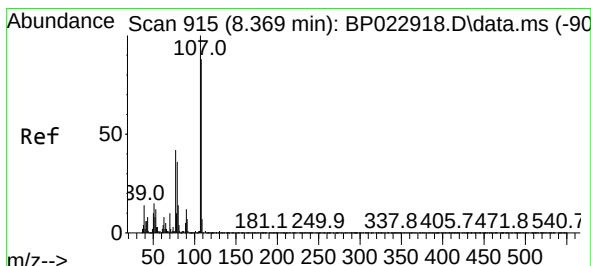
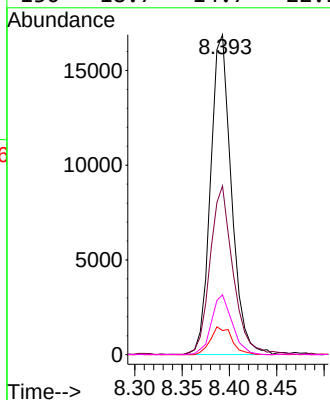
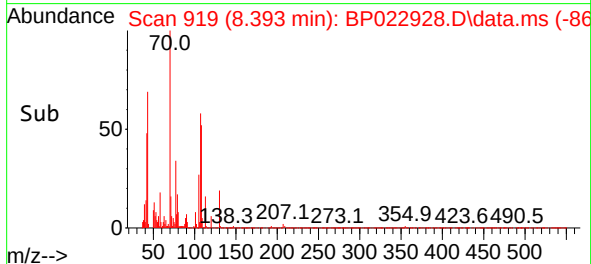
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



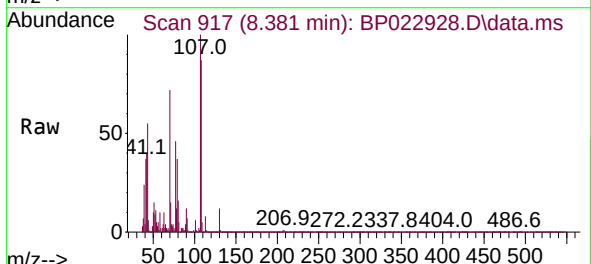
Tgt Ion: 70 Resp: 25892
Ion Ratio Lower Upper
70 100
42 52.7 41.0 61.6
101 7.5 7.8 11.6
130 18.7 14.7 22.1

Manual Integrations
APPROVED

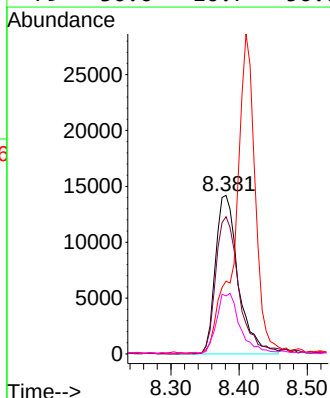
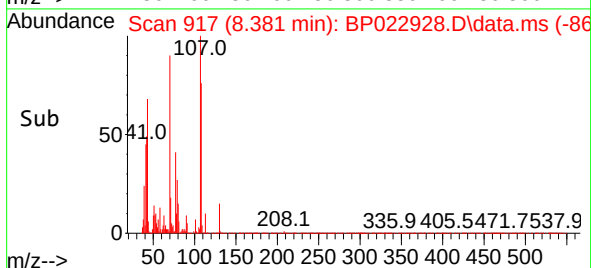
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

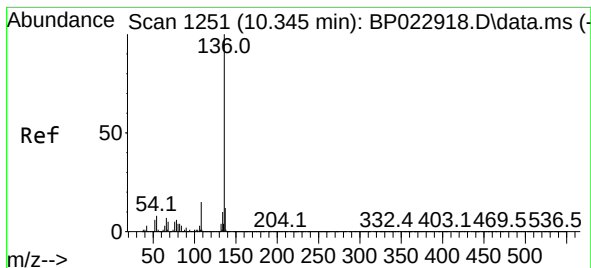


#20
3+4-Methylphenols
Concen: 9.257 ng
RT: 8.381 min Scan# 917
Delta R.T. 0.012 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36



Tgt Ion:107 Resp: 33087
Ion Ratio Lower Upper
107 100
108 86.6 67.6 107.6
77 46.0 22.6 62.6
79 36.6 16.7 56.7





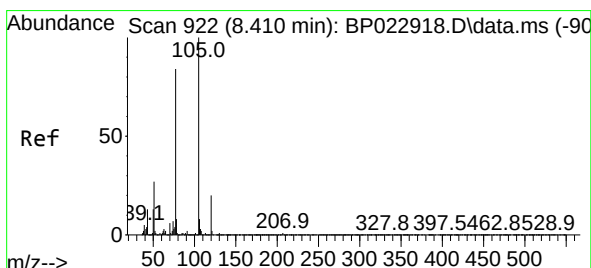
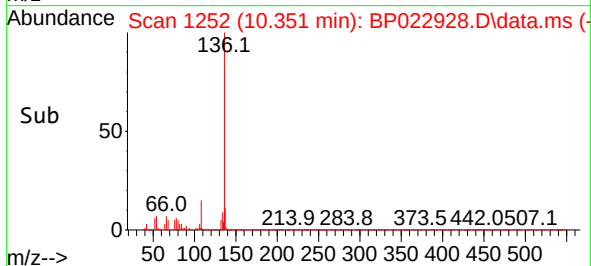
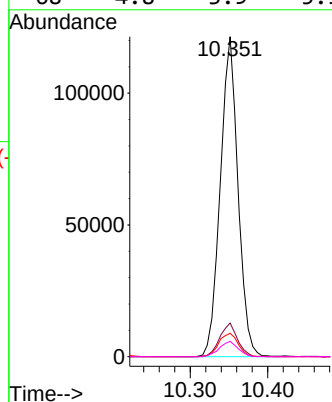
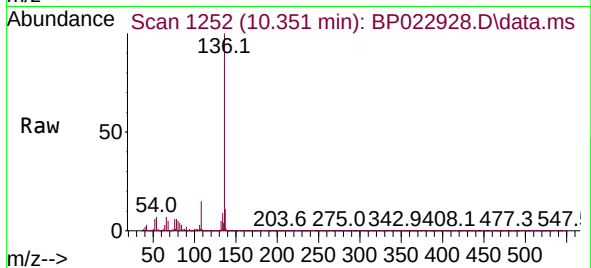
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.351 min Scan# 1251
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:136 Resp: 19302
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.0
54 7.3 6.4 9.6
68 4.8 3.9 5.9

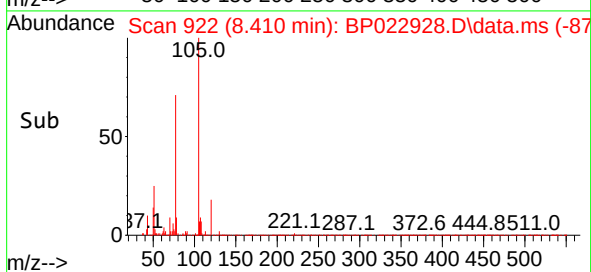
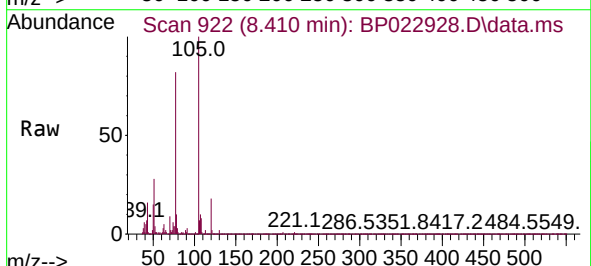
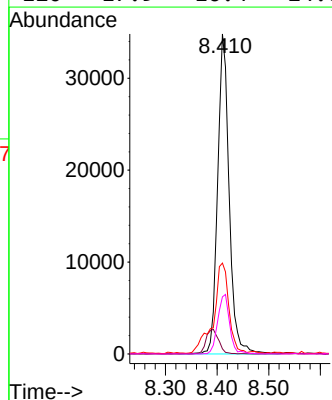
Manual Integrations
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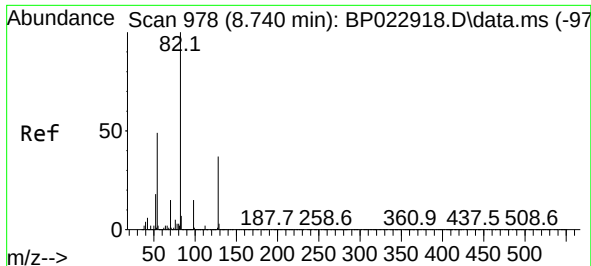
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#22
Acetophenone
Concen: 10.492 ng
RT: 8.410 min Scan# 922
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Tgt Ion:105 Resp: 53904
Ion Ratio Lower Upper
105 100
71 1.6 0.7 1.1#
51 28.4 21.7 32.5
120 17.9 16.4 24.6





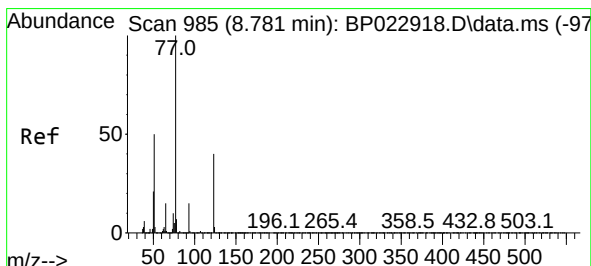
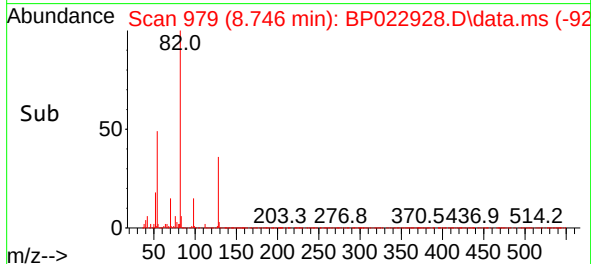
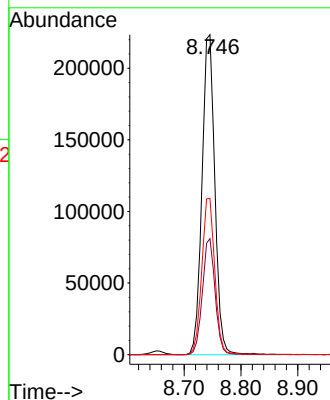
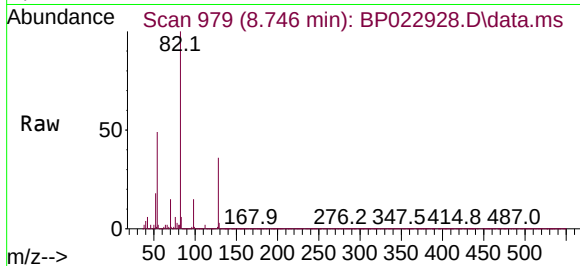
#23
Nitrobenzene-d5
Concen: 86.166 ng
RT: 8.746 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion: 82 Resp: 352040
Ion Ratio Lower Upper
82 100
128 36.3 29.8 44.8
54 48.9 39.0 58.4

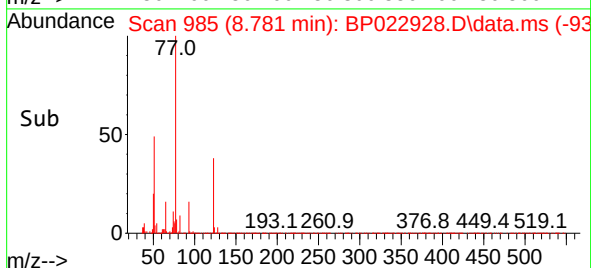
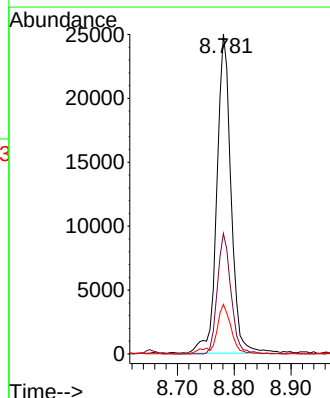
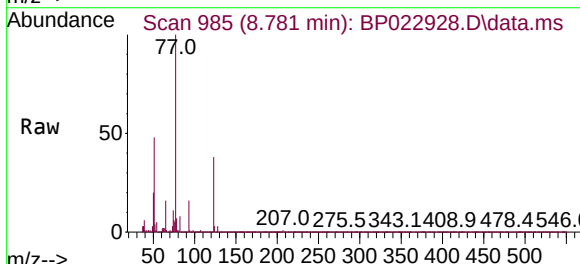
Manual Integrations
APPROVED

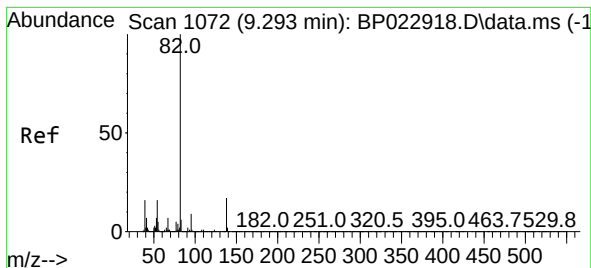
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#24
Nitrobenzene
Concen: 10.423 ng
RT: 8.781 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Tgt Ion: 77 Resp: 43255
Ion Ratio Lower Upper
77 100
123 37.6 32.2 48.4
65 15.5 11.7 17.5





#25

Isophorone

Concen: 10.078 ng

RT: 9.304 min Scan# 1105

Delta R.T. 0.012 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Instrument :

BNA_P

ClientSampleId :

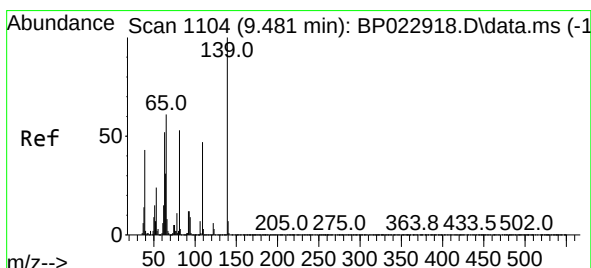
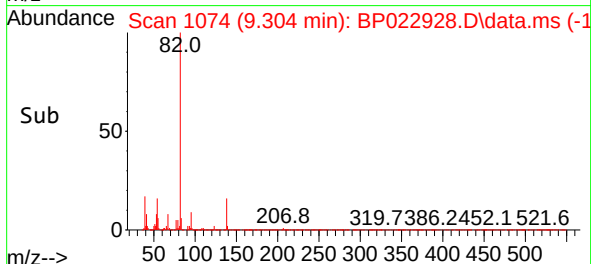
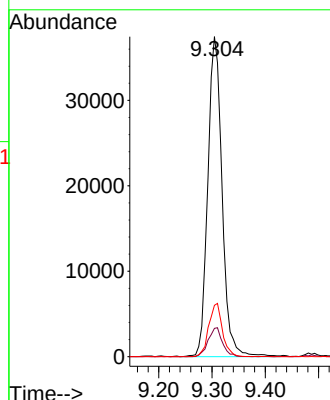
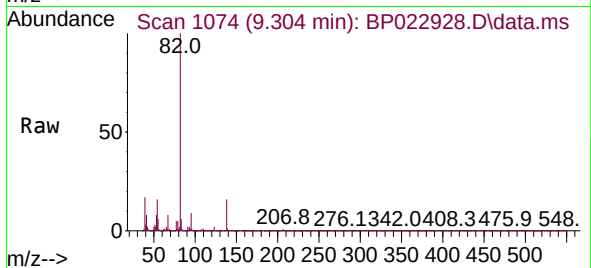
LOQ-SOIL-02-QT4-2024

Tgt Ion:	82	Resp:	6968
Ion	Ratio	Lower	Upper
82	100		
95	8.8	7.4	11.2
138	16.1	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#26

2-Nitrophenol

Concen: 9.532 ng

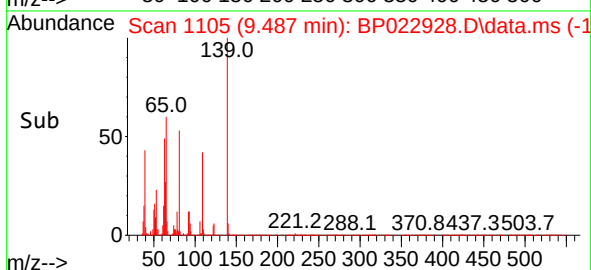
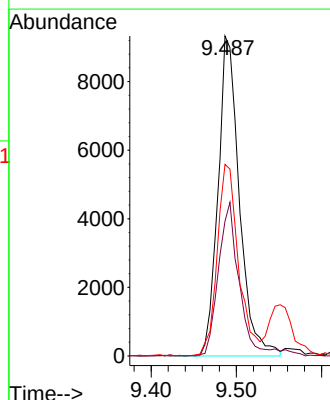
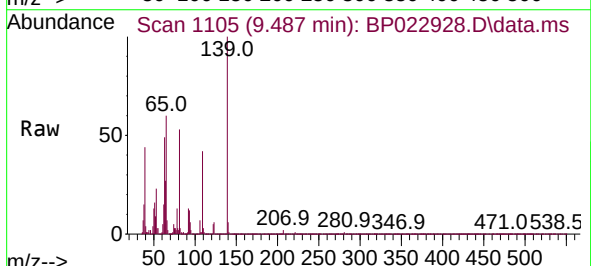
RT: 9.487 min Scan# 1105

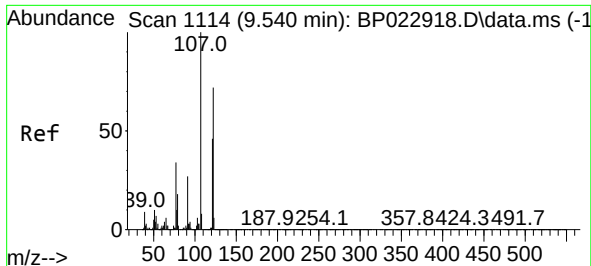
Delta R.T. 0.006 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Tgt Ion:	139	Resp:	16245
Ion	Ratio	Lower	Upper
139	100		
109	42.1	37.8	56.8
65	59.8	48.6	73.0





#27

2,4-Dimethylphenol

Concen: 8.620 ng

RT: 9.551 min Scan# 1116

Delta R.T. 0.012 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Instrument :

BNA_P

ClientSampleId :

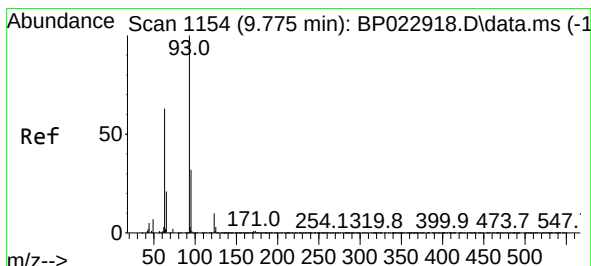
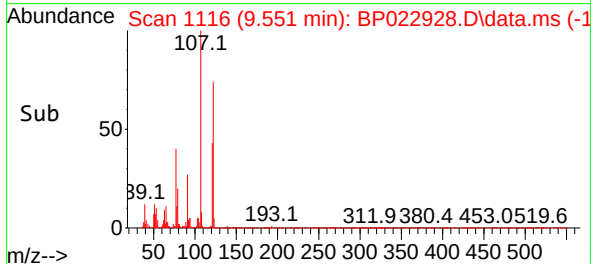
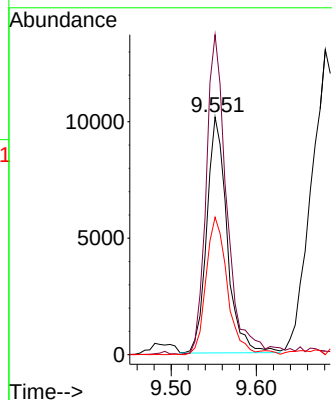
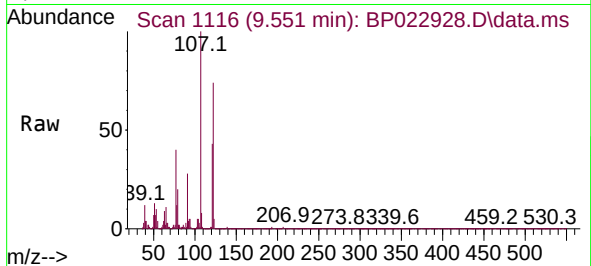
LOQ-SOIL-02-QT4-2024

Tgt Ion:	122	Resp:	1677
Ion	Ratio	Lower	Upper
122	100		
107	134.7	109.8	164.6
121	57.9	50.5	75.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#28

bis(2-Chloroethoxy)methane

Concen: 9.969 ng

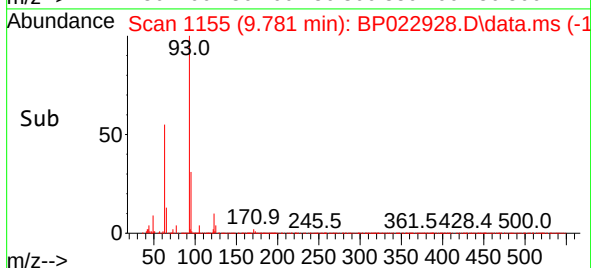
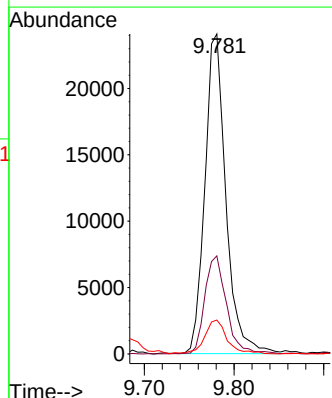
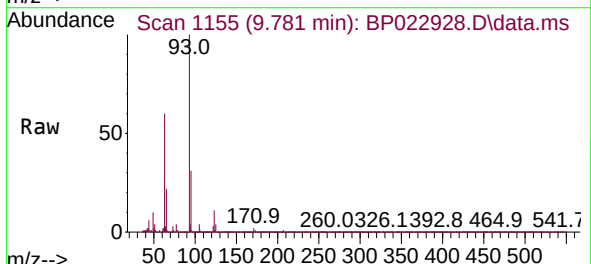
RT: 9.781 min Scan# 1155

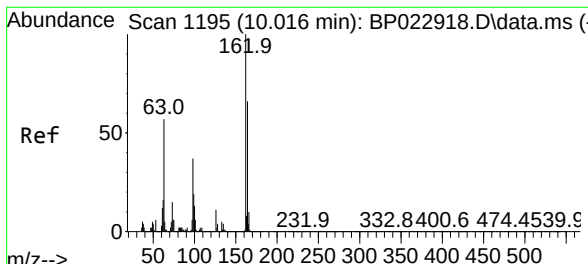
Delta R.T. 0.006 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Tgt Ion:	93	Resp:	39156
Ion	Ratio	Lower	Upper
93	100		
95	30.6	25.4	38.2
123	10.6	8.6	13.0





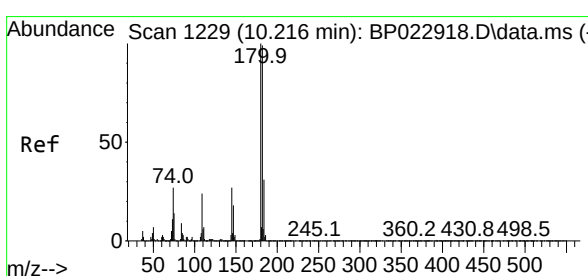
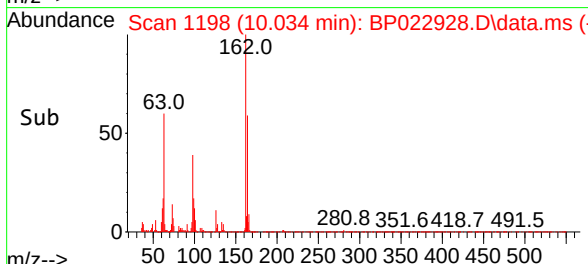
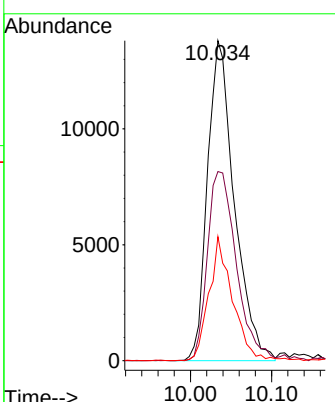
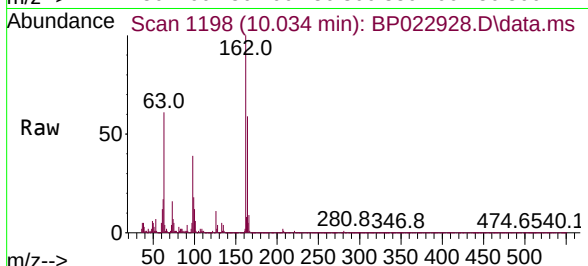
#29
2,4-Dichlorophenol
Concen: 9.408 ng
RT: 10.034 min Scan# 1195
Delta R.T. 0.018 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2024

Tgt Ion:	162	Resp:	3169
Ion Ratio	Lower	Upper	
162	100		
164	59.1	46.0	86.0
98	38.8	16.7	56.7

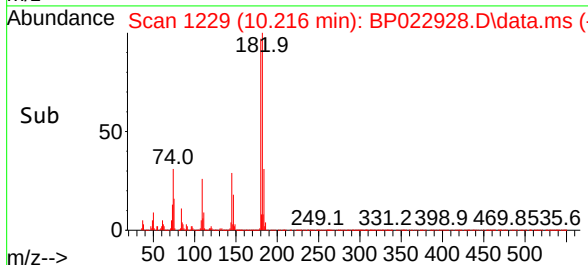
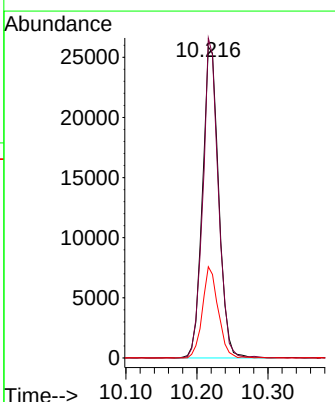
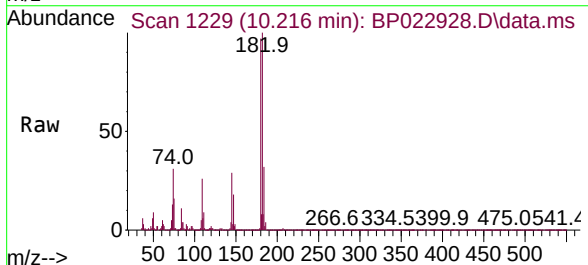
Manual Integrations
APPROVED

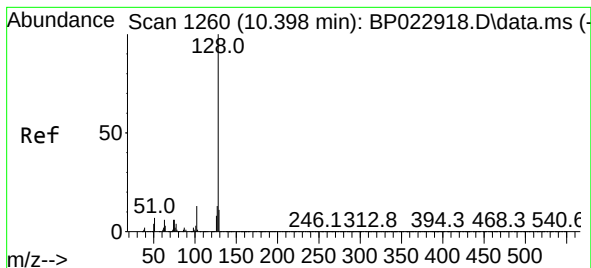
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#30
1,2,4-Trichlorobenzene
Concen: 9.551 ng
RT: 10.216 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

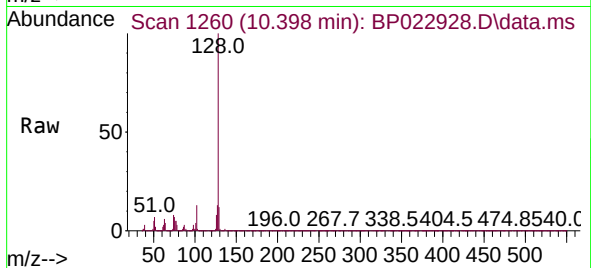
Tgt Ion:	180	Resp:	41131
Ion Ratio	Lower	Upper	
180	100		
182	102.8	79.4	119.2
145	29.3	21.6	32.4





#31
Naphthalene
Concen: 9.990 ng
RT: 10.398 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

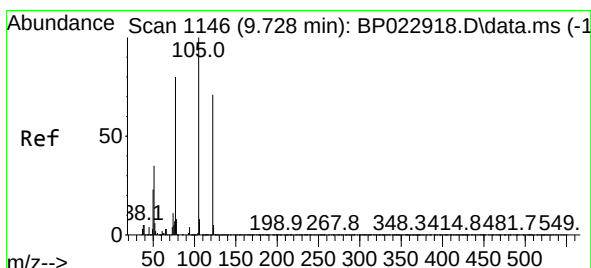
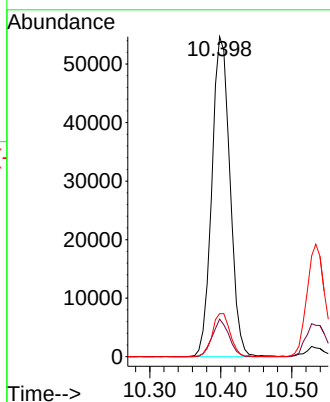
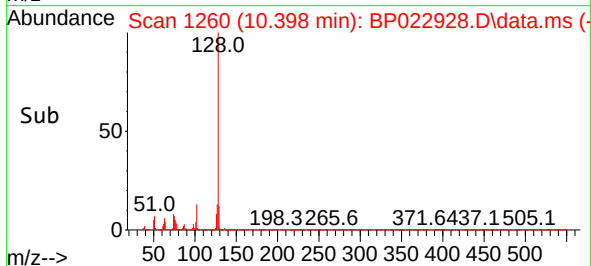
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:128 Resp: 96615
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 13.5 10.6 16.0

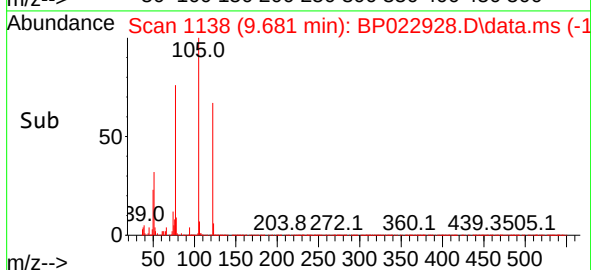
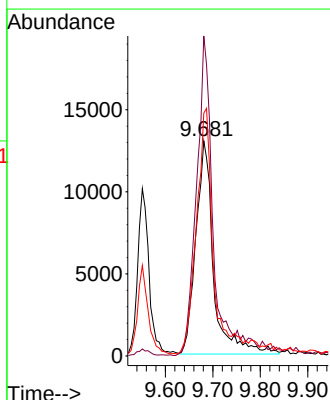
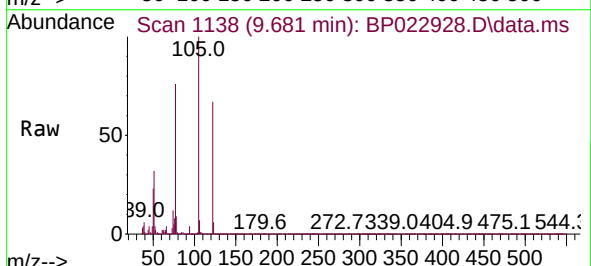
Manual Integrations
APPROVED

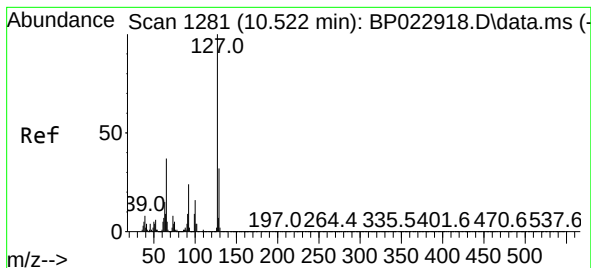
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#32
Benzoic acid
Concen: 14.428 ng m
RT: 9.681 min Scan# 1138
Delta R.T. -0.047 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

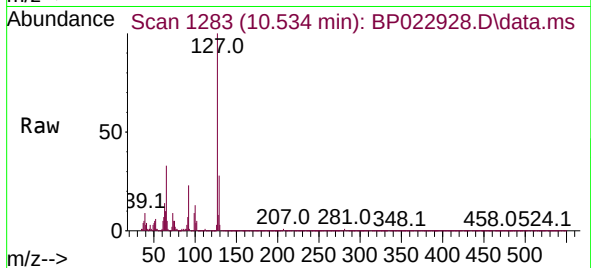
Tgt Ion:122 Resp: 33715
Ion Ratio Lower Upper
122 100
105 148.8 119.9 159.9
77 112.9 92.2 132.2





#33
4-Chloroaniline
Concen: 10.475 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.012 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

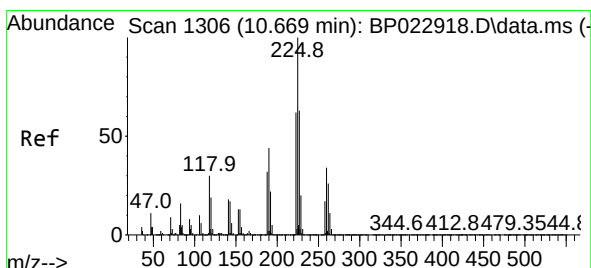
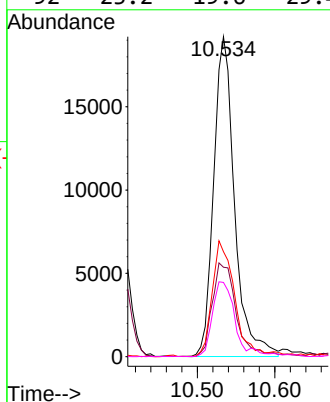
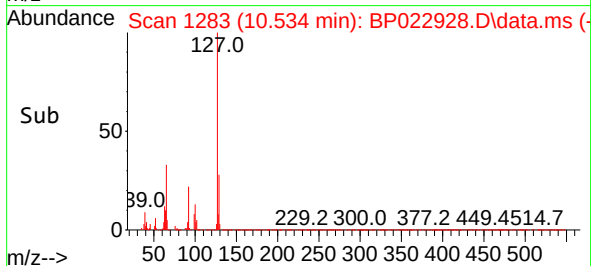
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	28.0	25.2	37.8
65	32.8	29.7	44.5
92	23.2	19.6	29.4

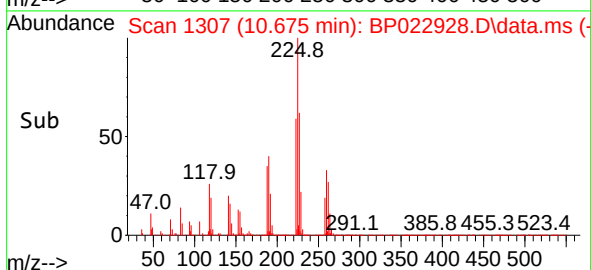
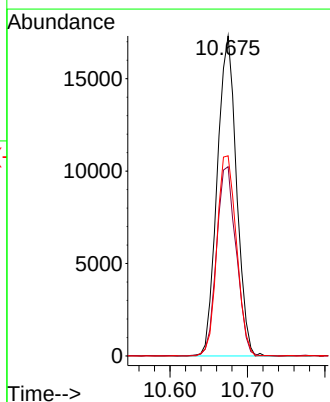
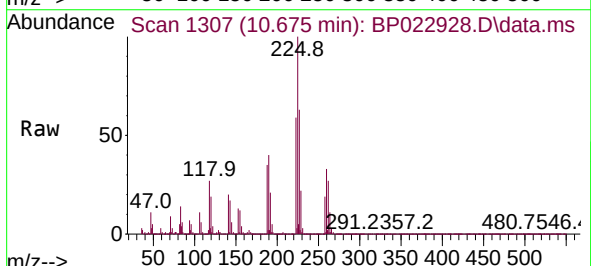
Manual Integrations
APPROVED

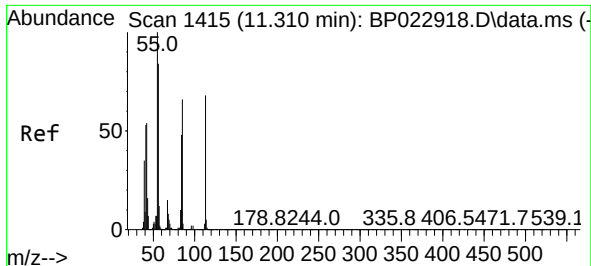
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#34
Hexachlorobutadiene
Concen: 9.475 ng
RT: 10.675 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

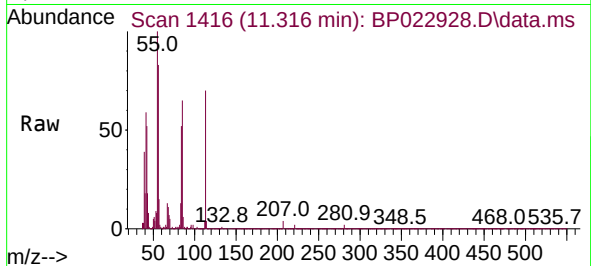
Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.1	49.8	74.6
227	62.6	50.5	75.7





#35
Caprolactam
Concen: 9.397 ng
RT: 11.316 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

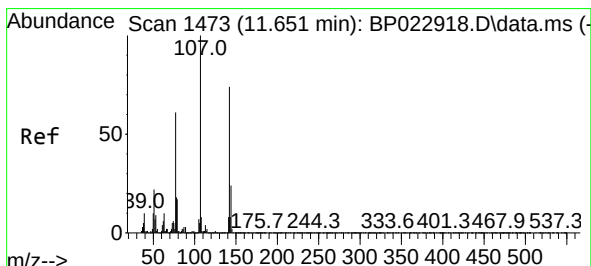
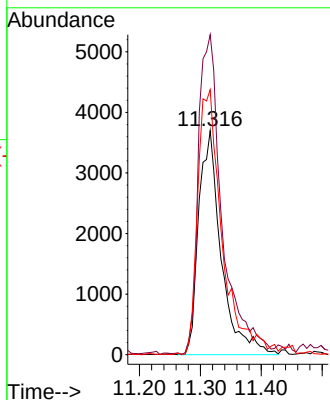
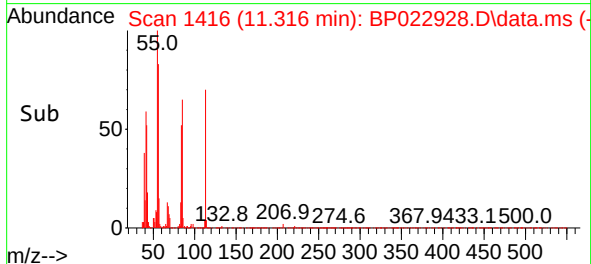
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



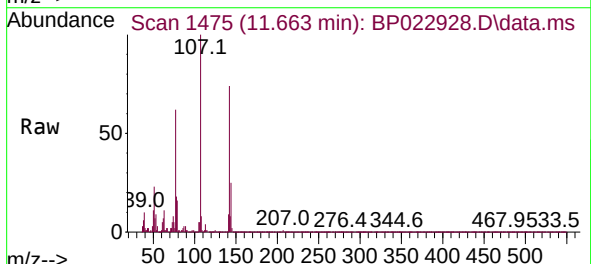
Tgt Ion:113 Resp: 9470
Ion Ratio Lower Upper
113 100
55 142.8 127.4 167.4
56 118.3 103.5 143.5

Manual Integrations
APPROVED

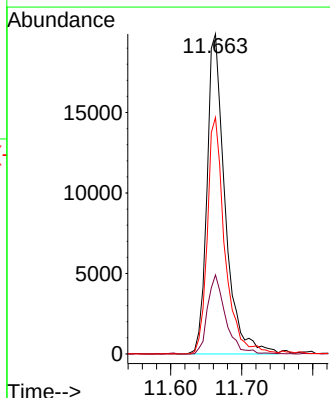
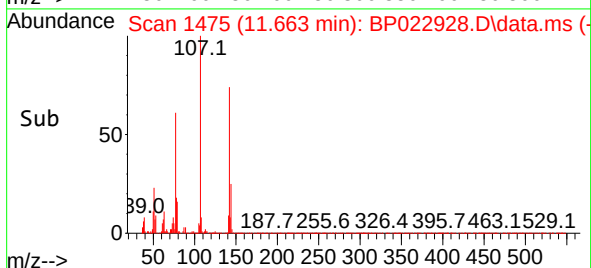
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

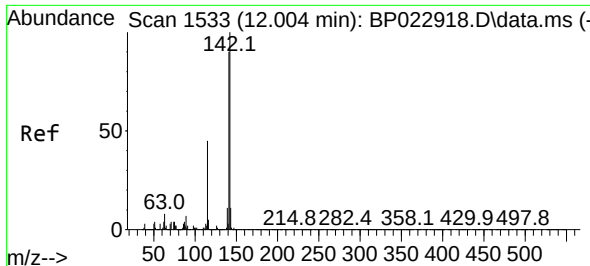


#36
4-Chloro-3-methylphenol
Concen: 9.370 ng
RT: 11.663 min Scan# 1475
Delta R.T. 0.012 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36



Tgt Ion:107 Resp: 35191
Ion Ratio Lower Upper
107 100
144 24.7 19.4 29.0
142 73.9 59.5 89.3





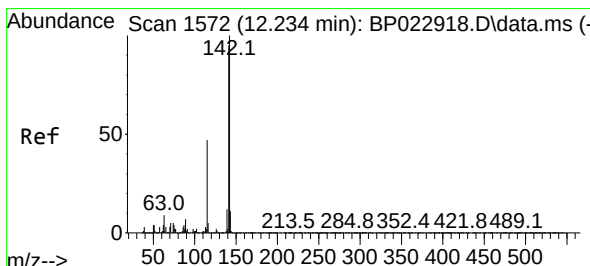
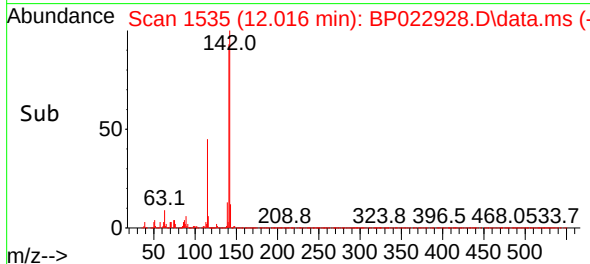
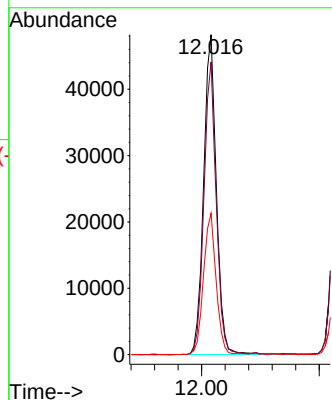
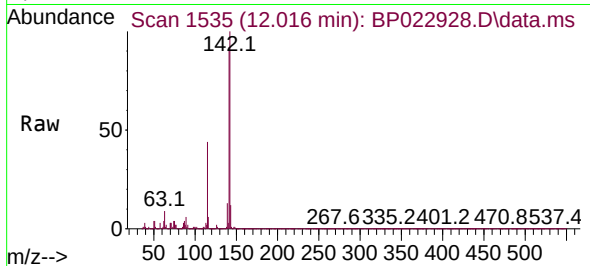
#37
2-Methylnaphthalene
Concen: 9.992 ng
RT: 12.016 min Scan# 1535
Delta R.T. 0.012 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:142 Resp: 72375
Ion Ratio Lower Upper
142 100
141 91.5 72.2 108.4
115 44.2 35.9 53.9

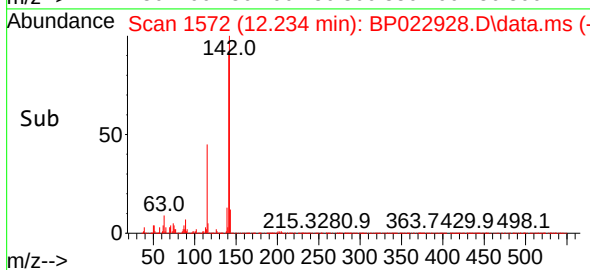
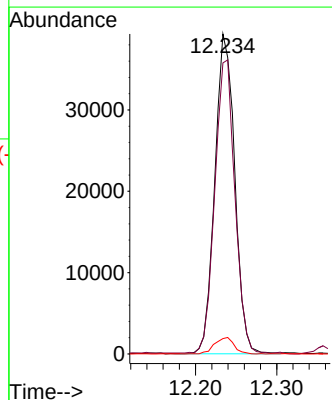
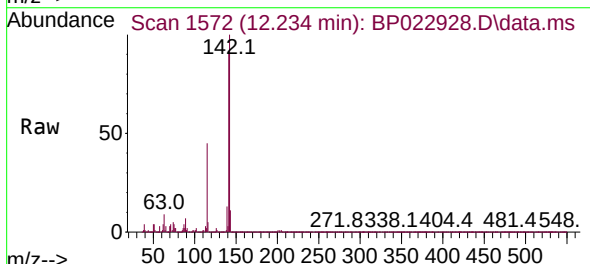
Manual Integrations
APPROVED

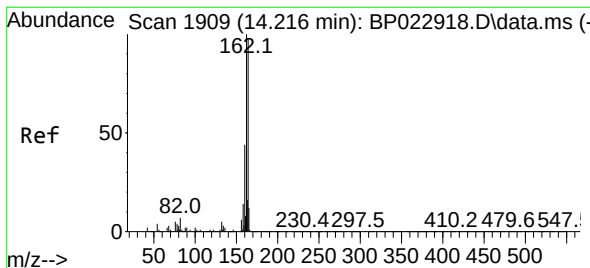
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#38
1-Methylnaphthalene
Concen: 9.339 ng
RT: 12.234 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Tgt Ion:142 Resp: 67144
Ion Ratio Lower Upper
142 100
141 91.0 75.8 113.8
116 4.8 3.8 5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.222 min Scan# 1910

Delta R.T. 0.006 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Instrument :

BNA_P

ClientSampleId :

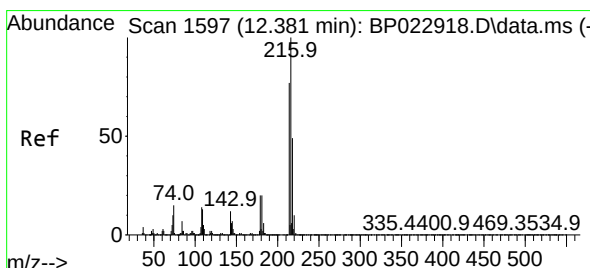
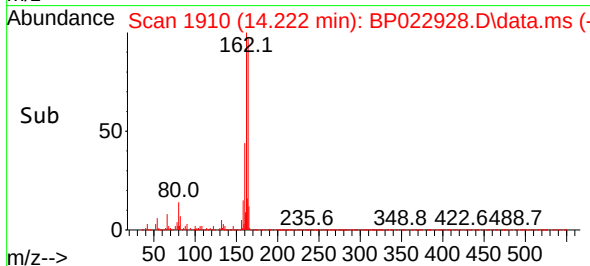
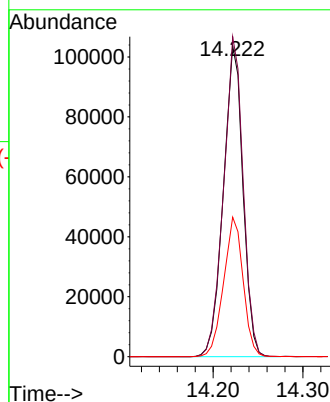
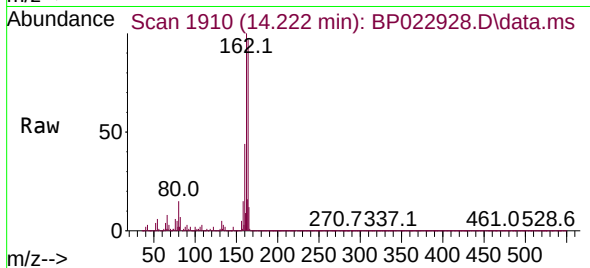
LOQ-SOIL-02-QT4-2024

Tgt Ion:	164	Resp:	157110
Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.8	122.8
160	44.8	35.7	53.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.224 ng

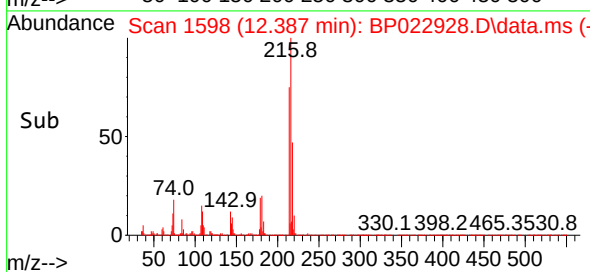
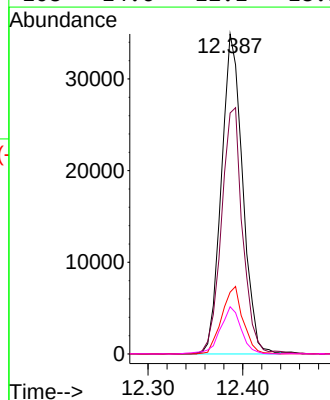
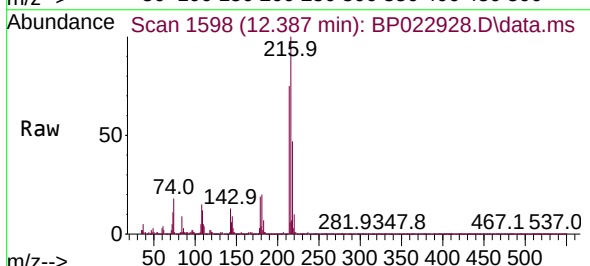
RT: 12.387 min Scan# 1598

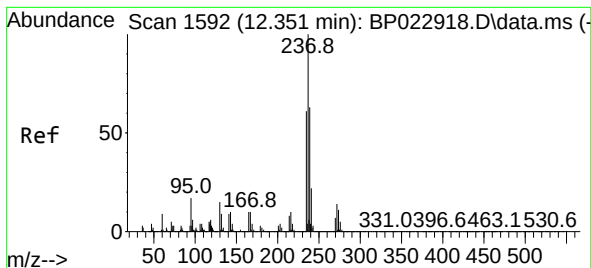
Delta R.T. 0.006 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

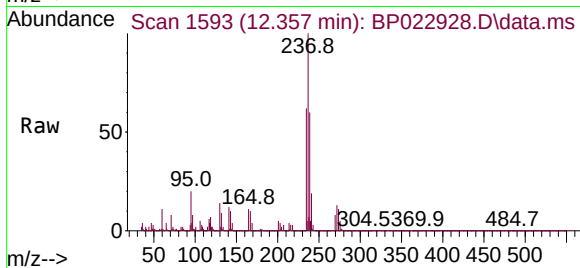
Tgt Ion:	216	Resp:	54380
Ion	Ratio	Lower	Upper
216	100		
214	77.2	62.5	93.7
179	21.1	16.5	24.7
108	14.6	12.1	18.1





#41
Hexachlorocyclopentadiene
Concen: 8.397 ng
RT: 12.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

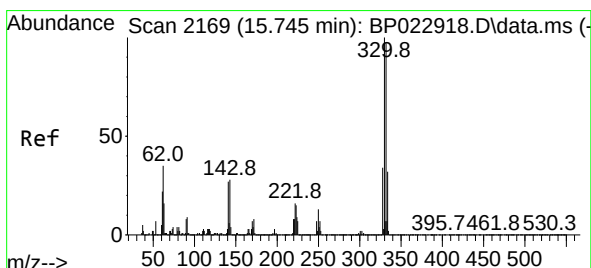
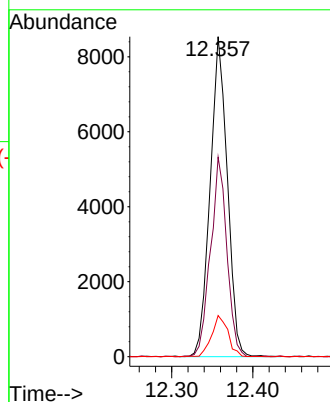
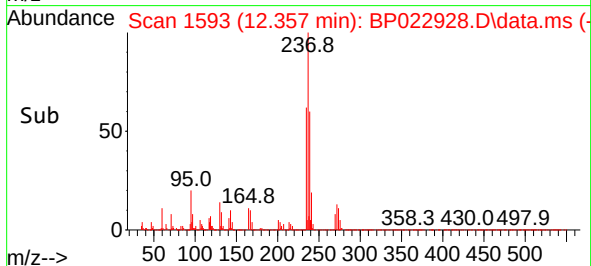
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 237 Resp: 1254
Ion Ratio Lower Upper
237 100
235 62.4 41.2 81.2
272 12.8 0.0 33.7

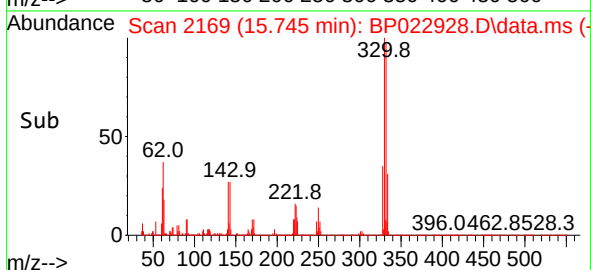
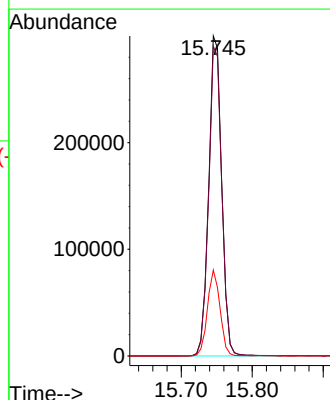
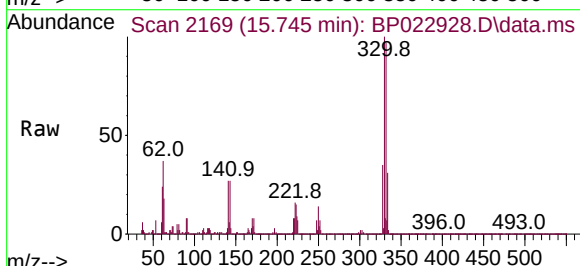
Manual Integrations
APPROVED

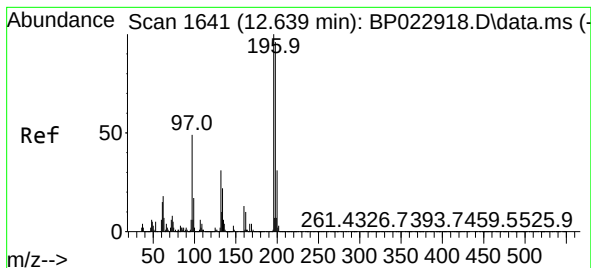
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#42
2,4,6-Tribromophenol
Concen: 125.458 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

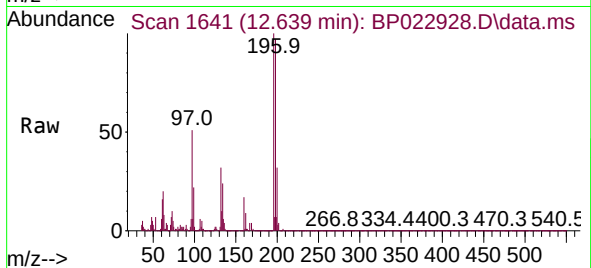
Tgt Ion: 330 Resp: 382056
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 26.1 21.6 32.4





#43
2,4,6-Trichlorophenol
Concen: 9.428 ng
RT: 12.639 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

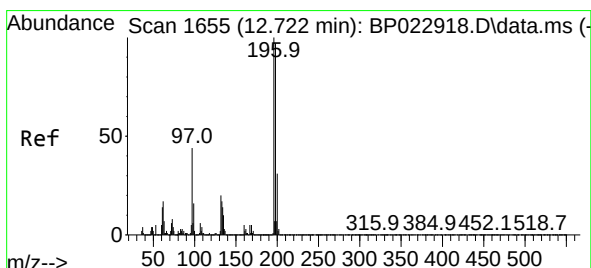
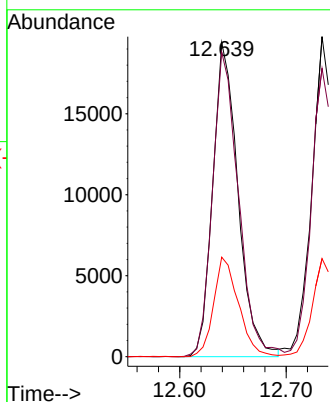
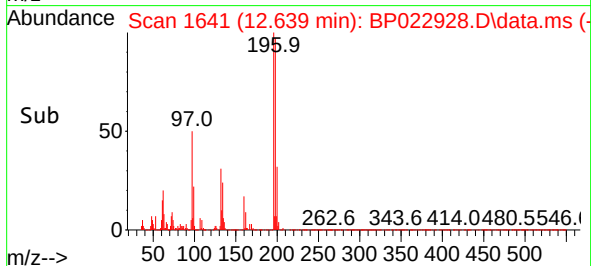
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:196 Resp: 3189
Ion Ratio Lower Upper
196 100
198 96.9 76.5 114.7
200 31.7 24.6 36.8

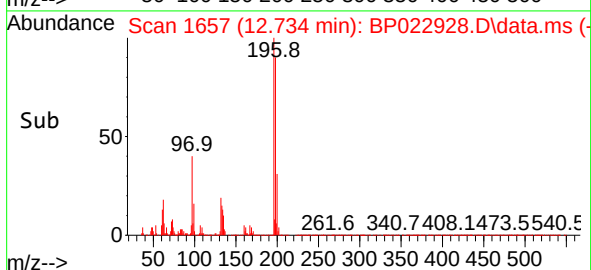
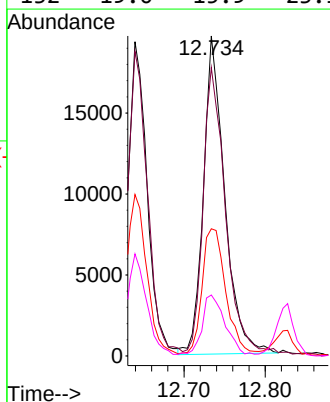
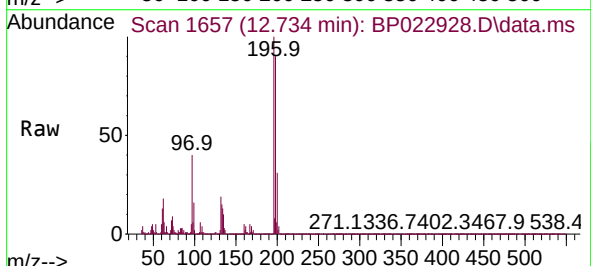
Manual Integrations
APPROVED

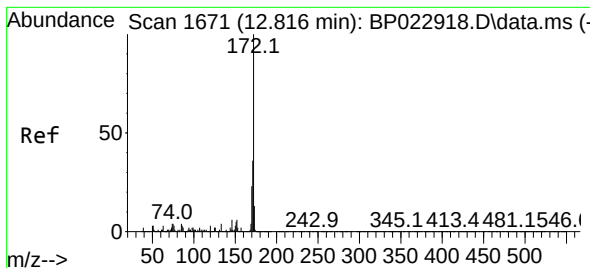
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#44
2,4,5-Trichlorophenol
Concen: 9.287 ng
RT: 12.734 min Scan# 1657
Delta R.T. 0.012 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

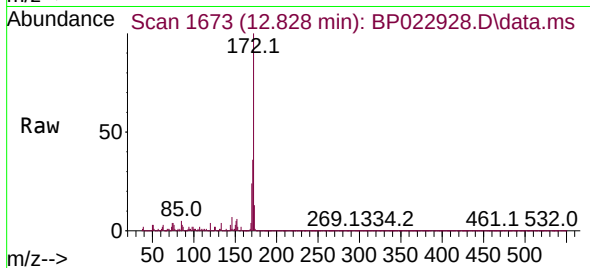
Tgt Ion:196 Resp: 35762
Ion Ratio Lower Upper
196 100
198 90.1 77.8 116.8
97 39.7 35.2 52.8
132 19.0 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 83.923 ng
RT: 12.828 min Scan# 1673
Delta R.T. 0.012 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

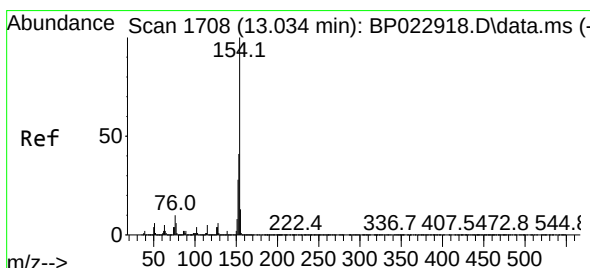
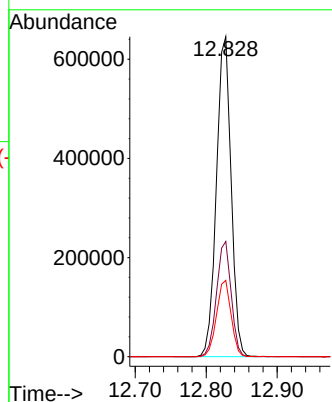
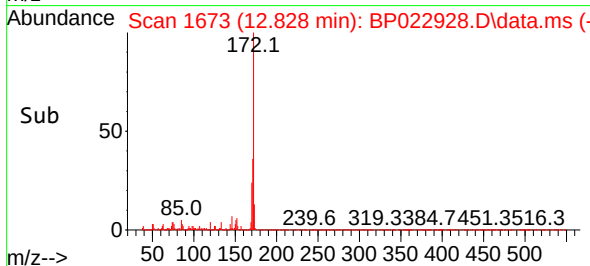
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



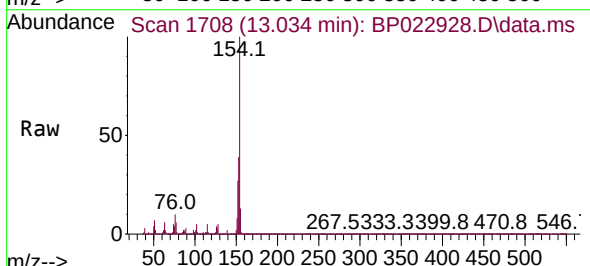
Tgt Ion:172 Resp: 922770
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.9 18.6 27.8

Manual Integrations
APPROVED

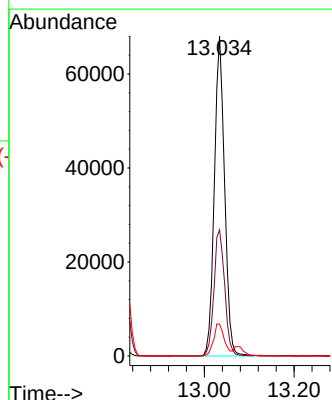
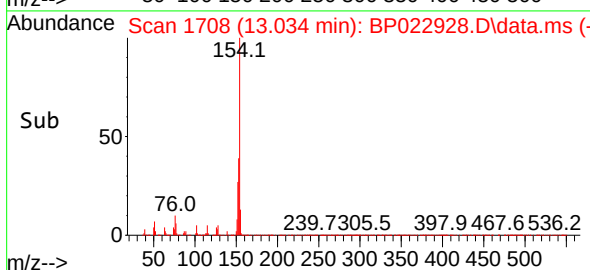
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

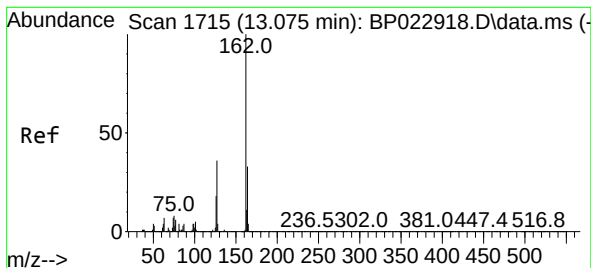


#46
1,1'-Biphenyl
Concen: 10.324 ng
RT: 13.034 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36



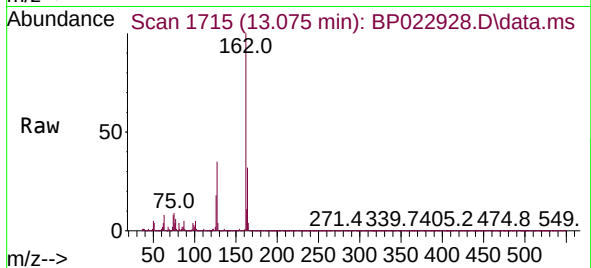
Tgt Ion:154 Resp: 107823
Ion Ratio Lower Upper
154 100
153 39.4 20.6 60.6
76 10.0 0.0 30.5





#47
2-Chloronaphthalene
Concen: 9.873 ng
RT: 13.075 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

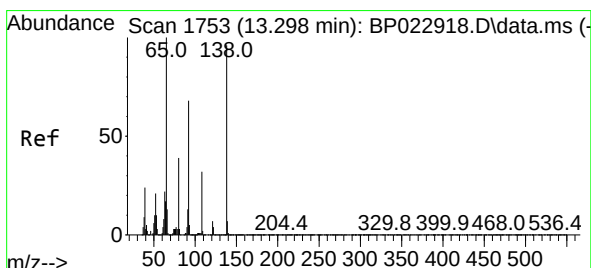
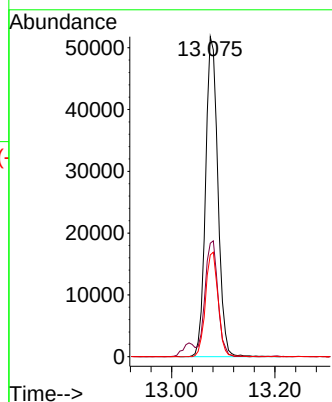
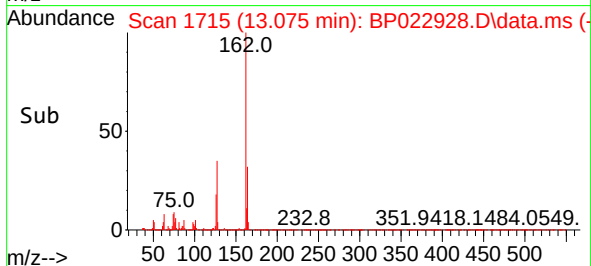
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



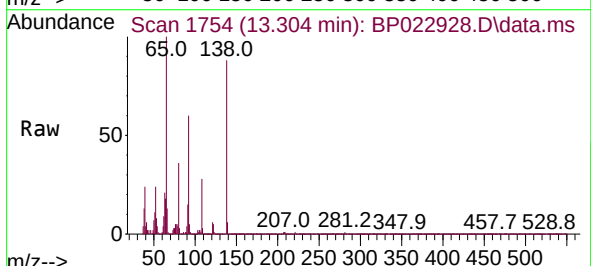
Tgt Ion:162 Resp: 85572
Ion Ratio Lower Upper
162 100
127 35.5 28.6 43.0
164 31.8 26.4 39.6

Manual Integrations
APPROVED

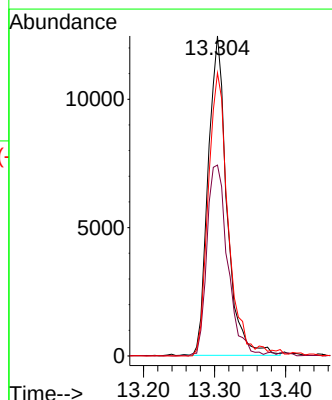
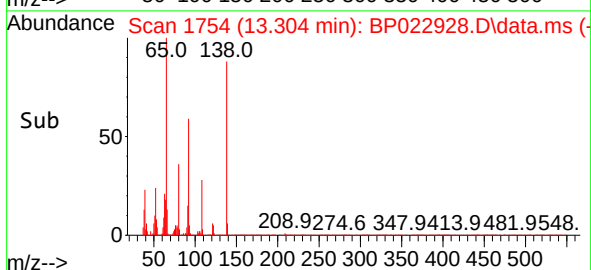
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

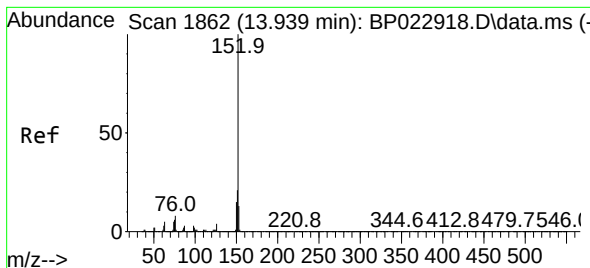


#48
2-Nitroaniline
Concen: 9.062 ng
RT: 13.304 min Scan# 1754
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36



Tgt Ion: 65 Resp: 22884
Ion Ratio Lower Upper
65 100
92 59.6 54.4 81.6
138 88.5 76.5 114.7





#49

Acenaphthylene

Concen: 10.788 ng

RT: 13.939 min Scan# 1862

Delta R.T. 0.000 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Instrument :

BNA_P

ClientSampleId :

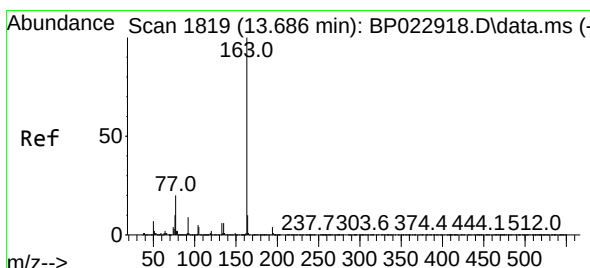
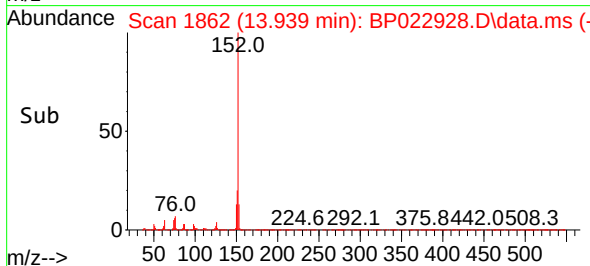
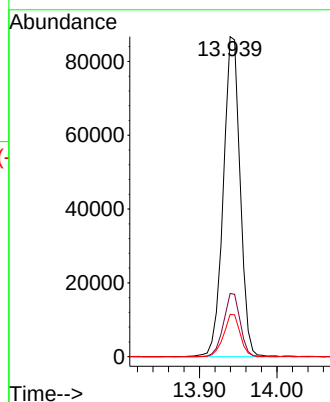
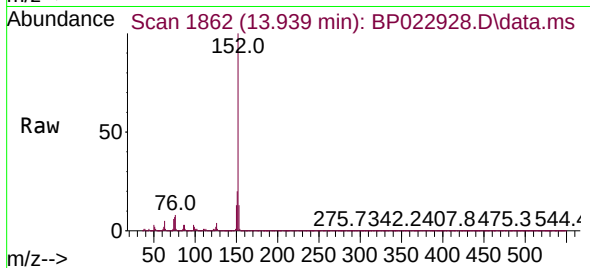
LOQ-SOIL-02-QT4-2024

Tgt Ion:	152	Resp:	13058
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.8	25.2
153	13.2	10.8	16.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#50

Dimethylphthalate

Concen: 10.071 ng

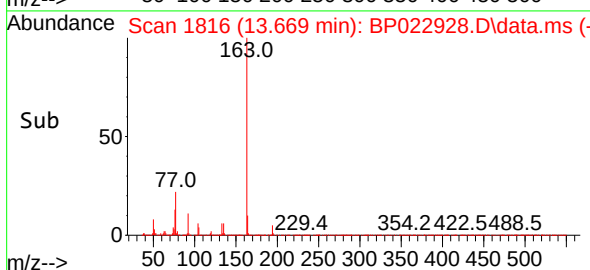
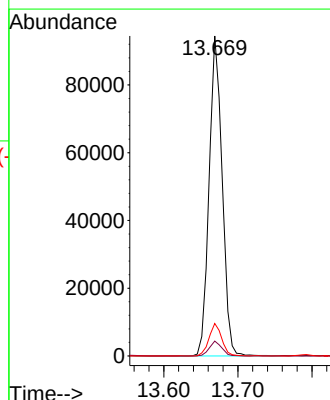
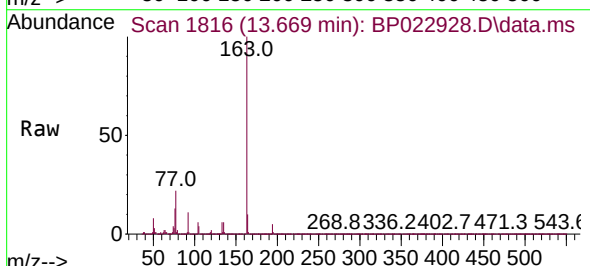
RT: 13.669 min Scan# 1816

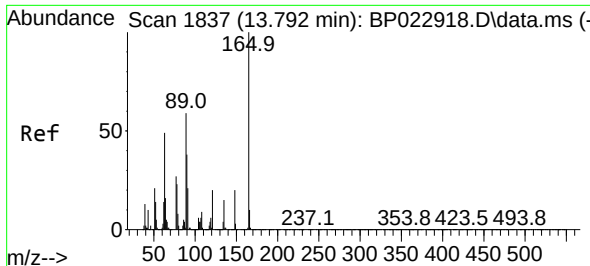
Delta R.T. -0.018 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Tgt Ion:	163	Resp:	115841
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.5	5.3
164	10.2	8.0	12.0





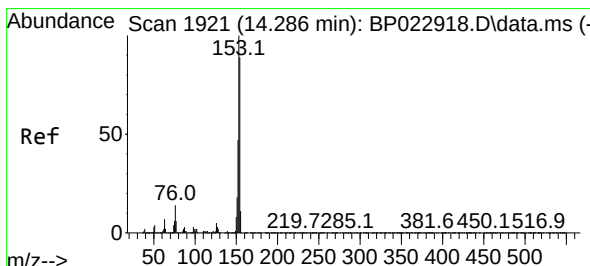
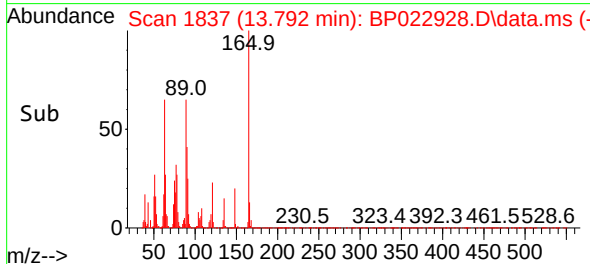
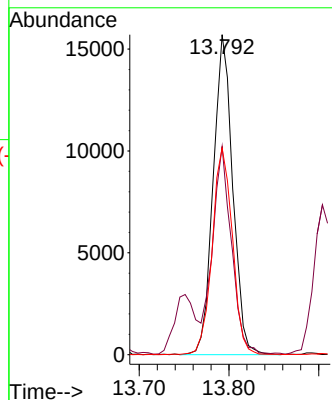
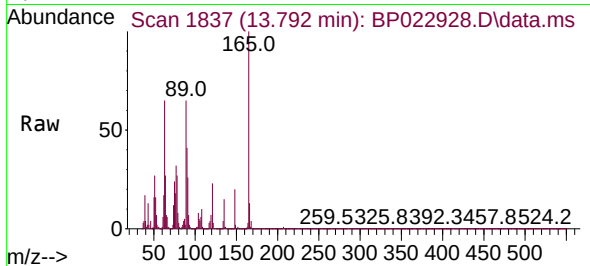
#51
2,6-Dinitrotoluene
Concen: 9.070 ng
RT: 13.792 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:165 Resp: 23724
Ion Ratio Lower Upper
165 100
63 65.1 45.1 67.7
89 64.6 46.9 70.3

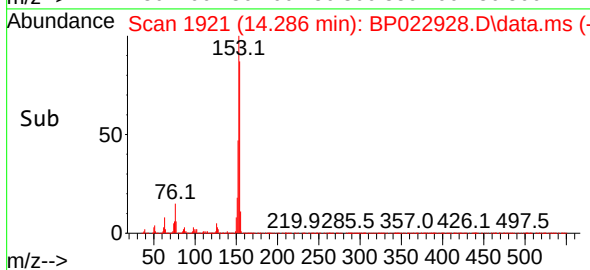
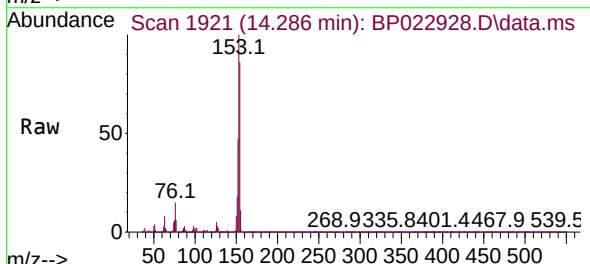
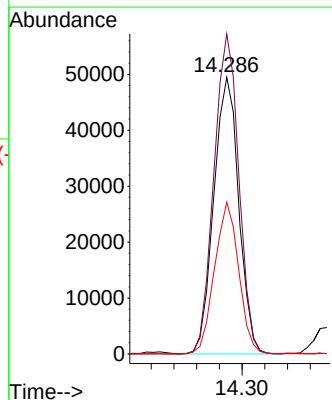
Manual Integrations
APPROVED

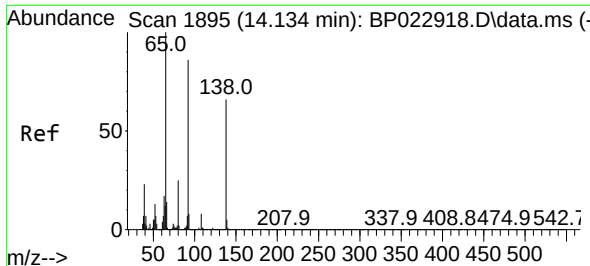
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#52
Acenaphthene
Concen: 9.694 ng
RT: 14.286 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Tgt Ion:154 Resp: 75453
Ion Ratio Lower Upper
154 100
153 115.7 89.9 134.9
152 54.9 42.1 63.1





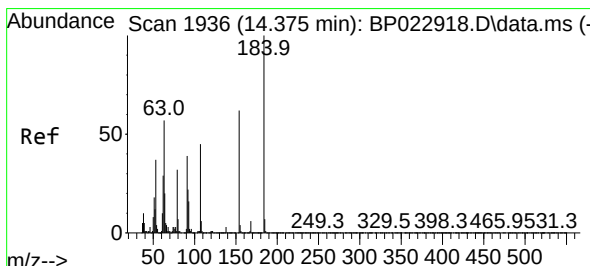
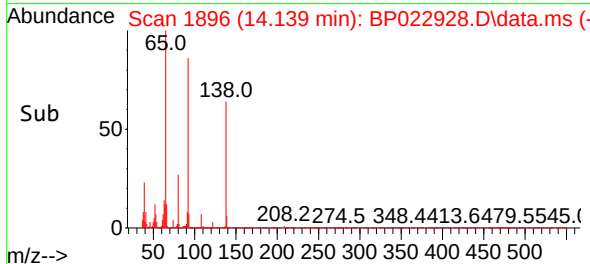
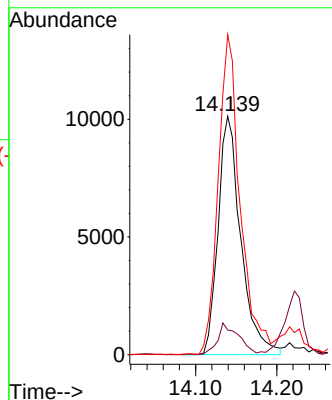
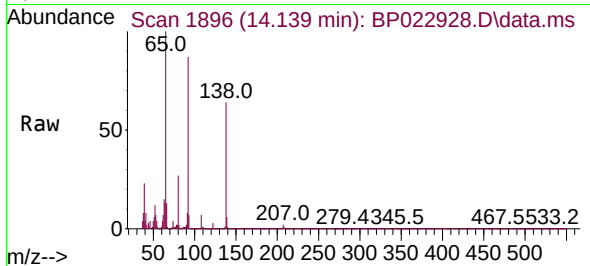
#53
3-Nitroaniline
Concen: 9.262 ng
RT: 14.139 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:138 Resp: 1968
Ion Ratio Lower Upper
138 100
108 10.3 10.2 15.2
92 134.3 104.2 156.2

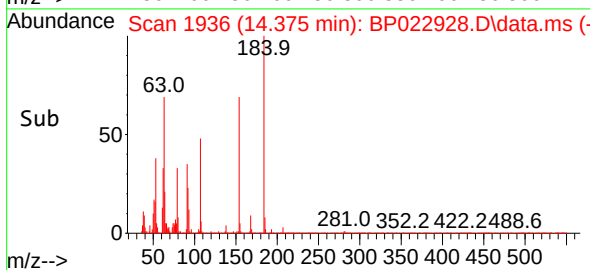
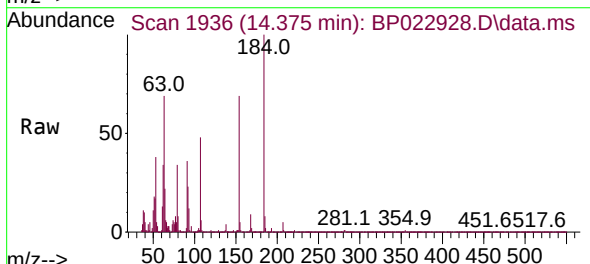
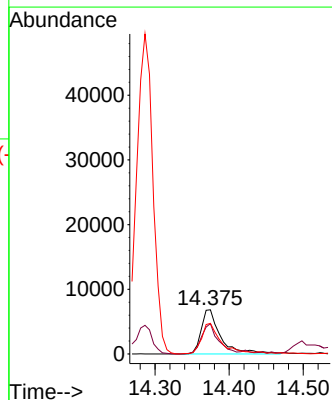
Manual Integrations
APPROVED

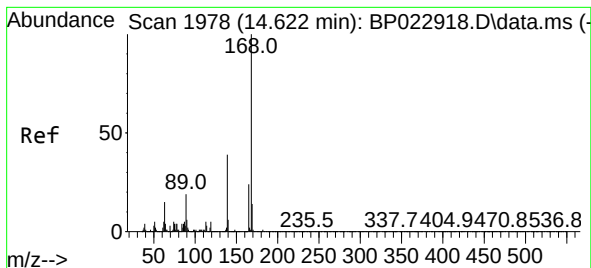
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#54
2,4-Dinitrophenol
Concen: 7.647 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

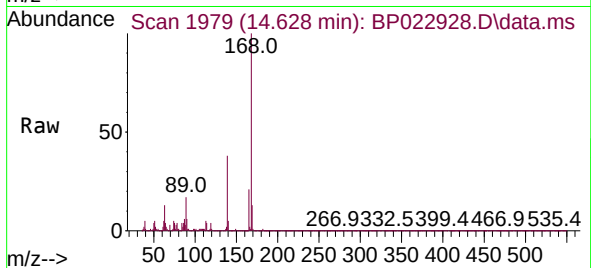
Tgt Ion:184 Resp: 12412
Ion Ratio Lower Upper
184 100
63 68.9 46.3 69.5
154 69.4 56.6 85.0





#55
Dibenzenofuran
Concen: 10.158 ng
RT: 14.628 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

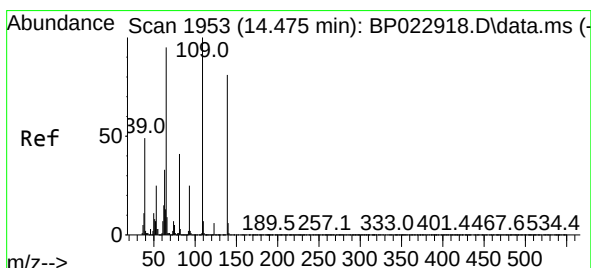
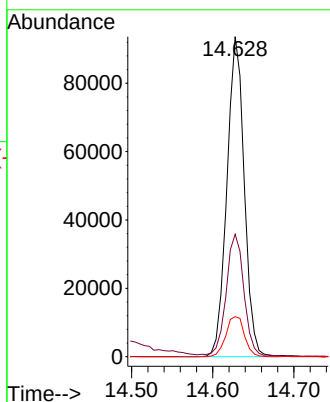
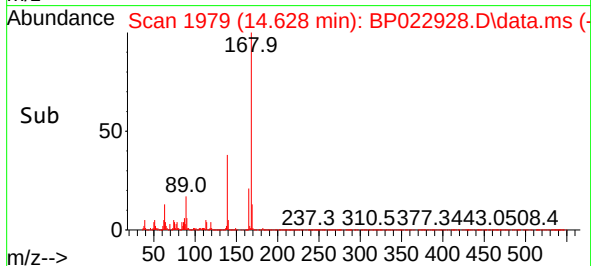
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



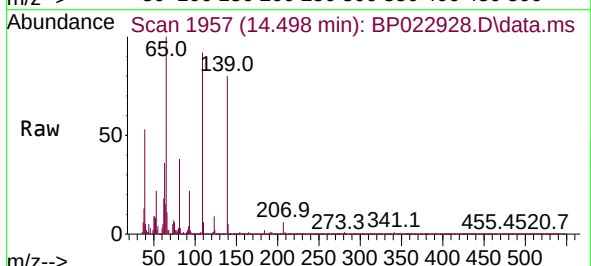
Tgt Ion:168 Resp: 138854
Ion Ratio Lower Upper
168 100
139 38.3 31.1 46.7
169 12.5 11.0 16.6

Manual Integrations
APPROVED

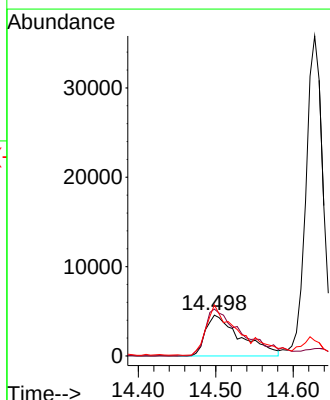
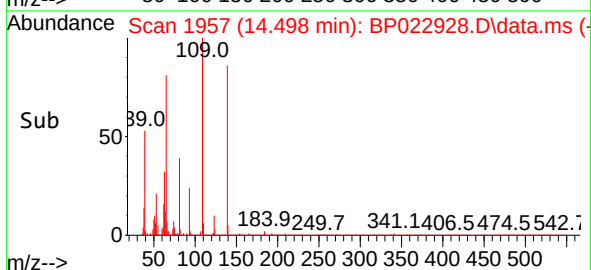
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

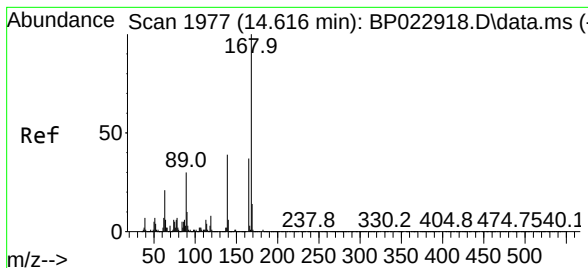


#56
4-Nitrophenol
Concen: 8.241 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.024 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36



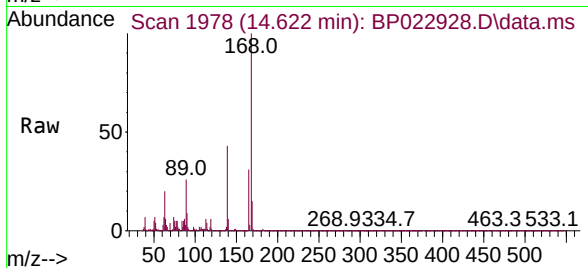
Tgt Ion:139 Resp: 14403
Ion Ratio Lower Upper
139 100
109 114.9 103.1 143.1
65 125.1 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 9.185 ng
RT: 14.622 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

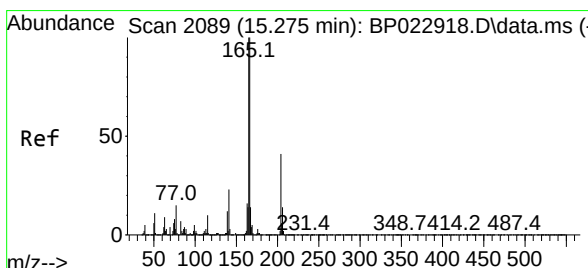
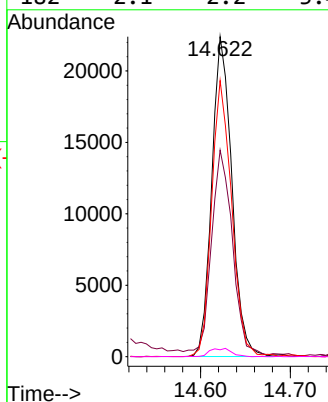
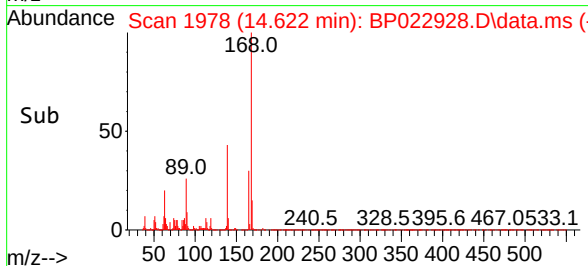
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:165 Resp: 3473
Ion Ratio Lower Upper
165 100
63 64.6 46.5 69.7
89 86.3 64.0 96.0
182 2.1 2.2 3.4#

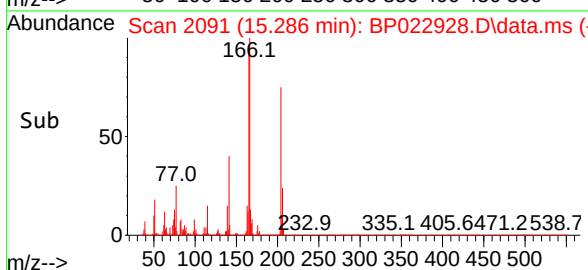
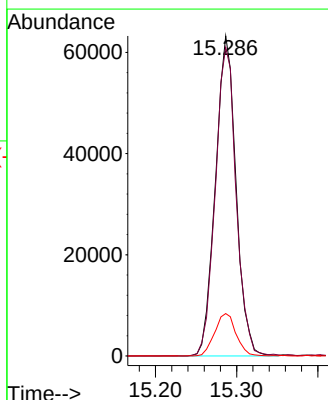
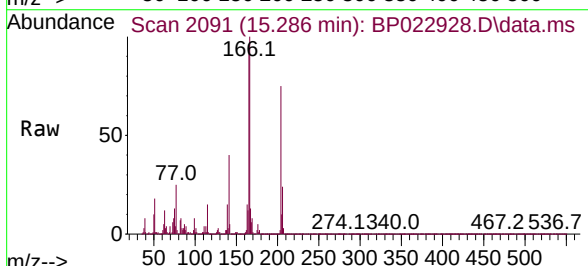
Manual Integrations
APPROVED

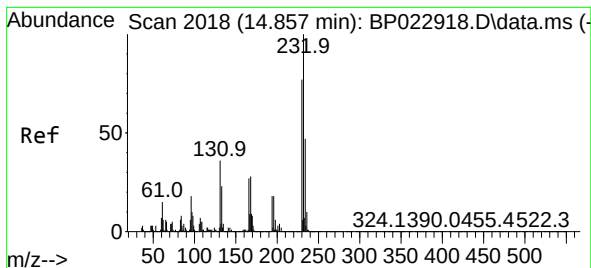
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#58
Fluorene
Concen: 9.821 ng
RT: 15.286 min Scan# 2091
Delta R.T. 0.012 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

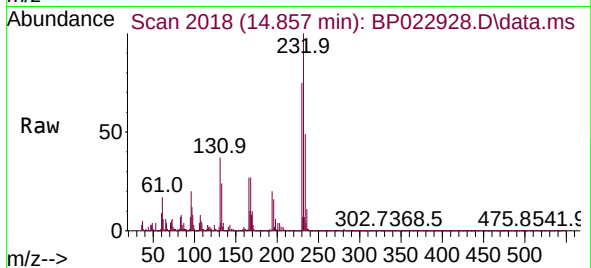
Tgt Ion:166 Resp: 111528
Ion Ratio Lower Upper
166 100
165 96.5 80.1 120.1
167 13.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.583 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

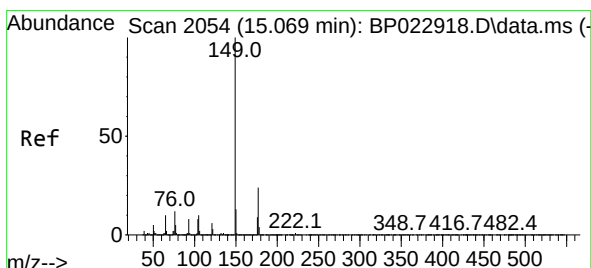
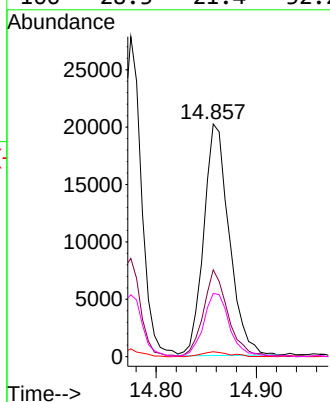
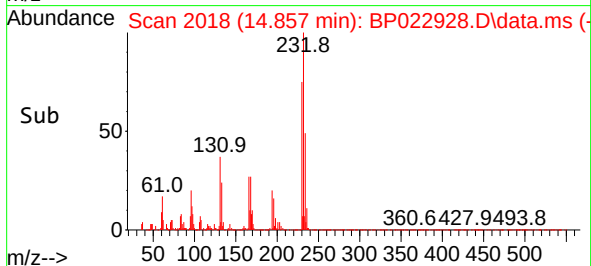
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



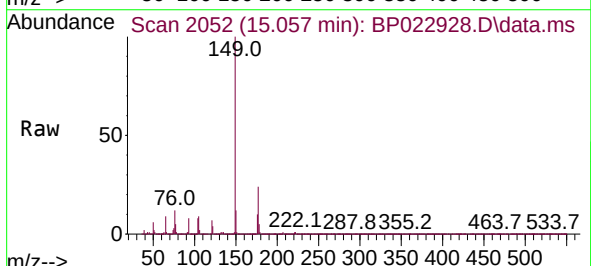
Tgt Ion:232 Resp: 3559
Ion Ratio Lower Upper
232 100
131 36.3 28.2 42.2
130 2.3 1.7 2.5
166 28.3 21.4 32.2

Manual Integrations
APPROVED

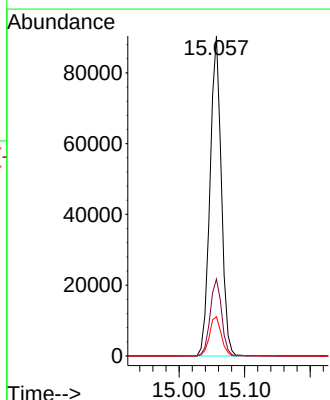
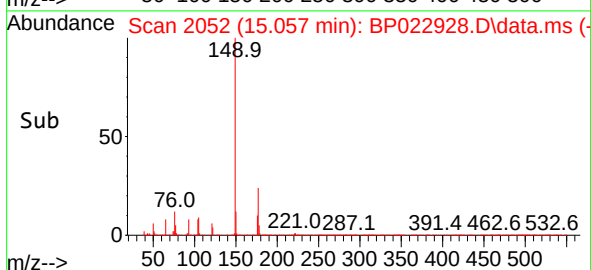
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

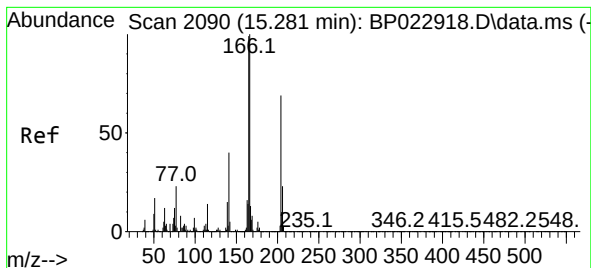


#60
Diethylphthalate
Concen: 9.458 ng
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36



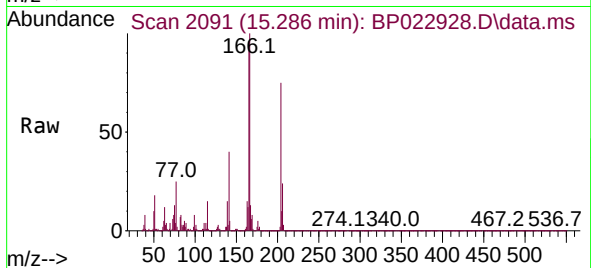
Tgt Ion:149 Resp: 108203
Ion Ratio Lower Upper
149 100
177 24.1 18.9 28.3
150 12.3 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 9.945 ng
RT: 15.286 min Scan# 2090
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

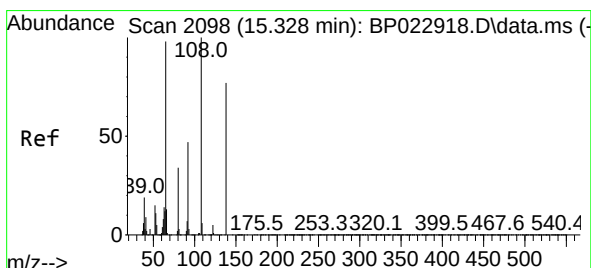
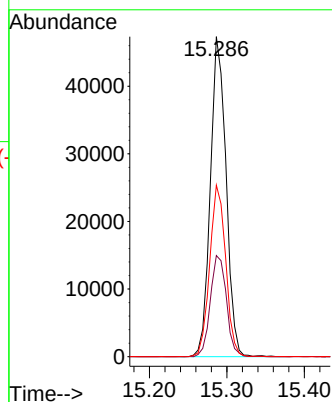
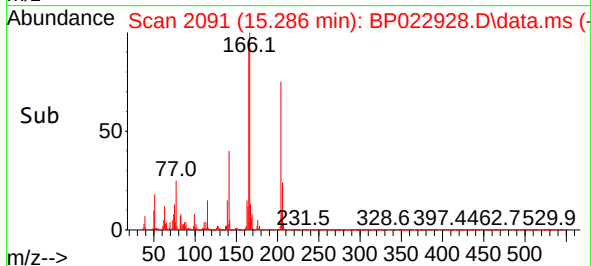
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



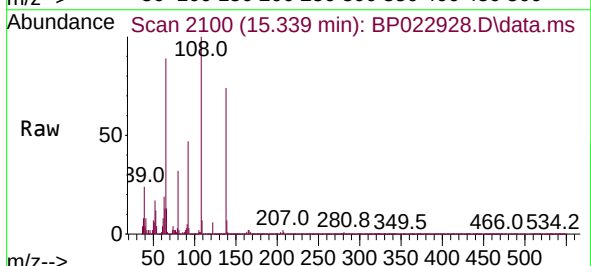
Tgt Ion:204 Resp: 66562
Ion Ratio Lower Upper
204 100
206 31.6 26.8 40.2
141 53.6 46.2 69.4

Manual Integrations
APPROVED

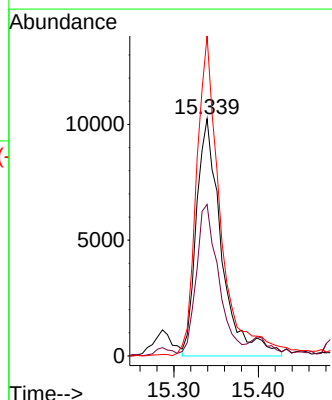
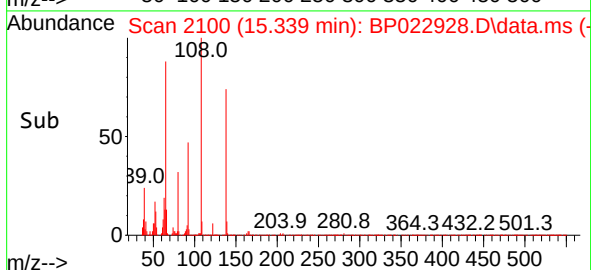
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

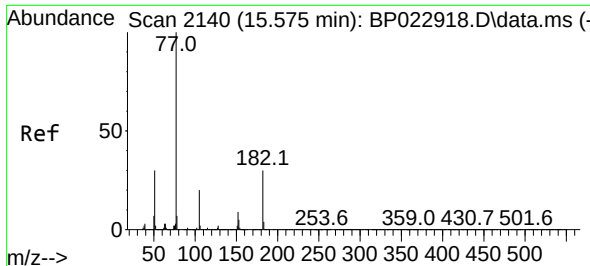


#62
4-Nitroaniline
Concen: 9.661 ng m
RT: 15.339 min Scan# 2100
Delta R.T. 0.012 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36



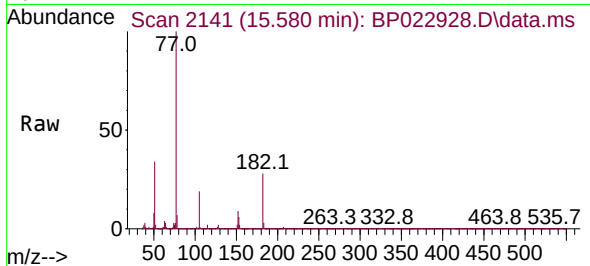
Tgt Ion:138 Resp: 21068
Ion Ratio Lower Upper
138 100
92 63.9 41.9 81.9
108 134.9 109.3 149.3





#63
Azobenzene
Concen: 10.222 ng
RT: 15.580 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

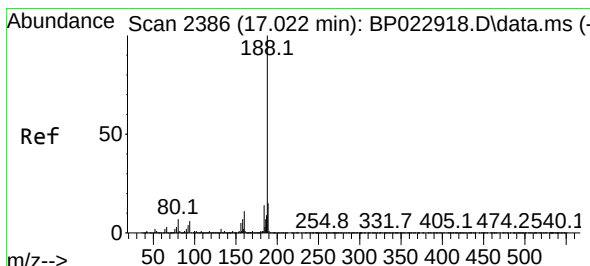
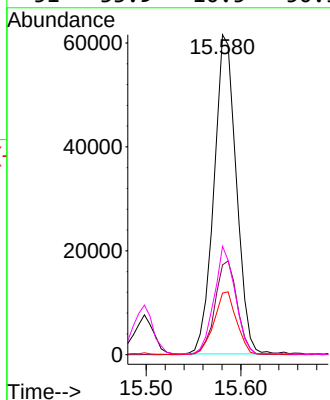
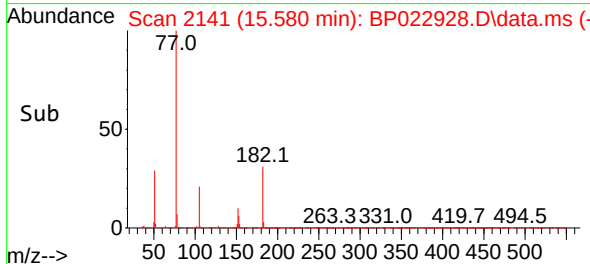
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



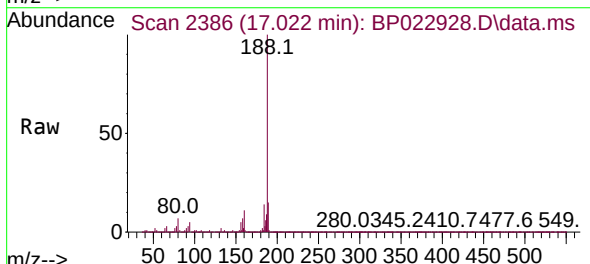
Tgt Ion: 77 Resp: 100560
Ion Ratio Lower Upper
77 100
182 28.0 9.9 49.9
105 19.3 0.0 39.9
51 33.9 10.5 50.5

Manual Integrations
APPROVED

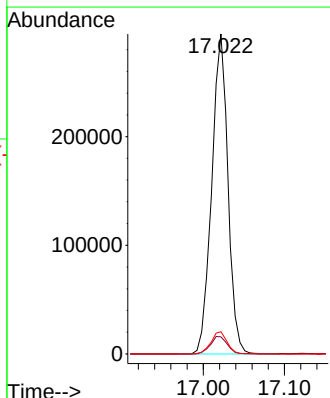
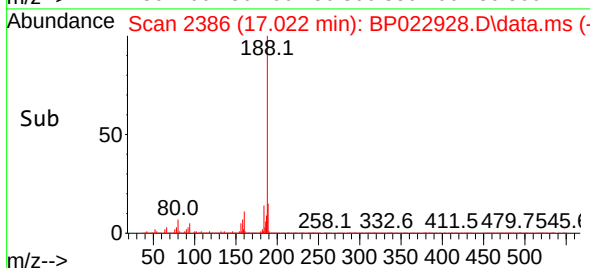
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

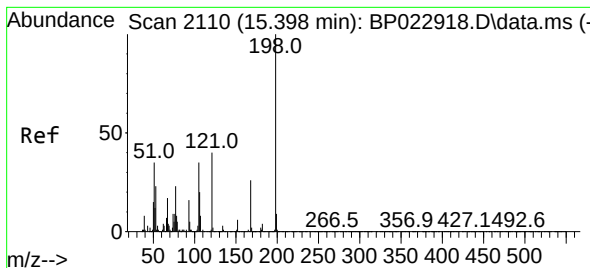


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.022 min Scan# 2386
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36



Tgt Ion:188 Resp: 407633
Ion Ratio Lower Upper
188 100
94 5.3 4.8 7.2
80 6.9 5.9 8.9





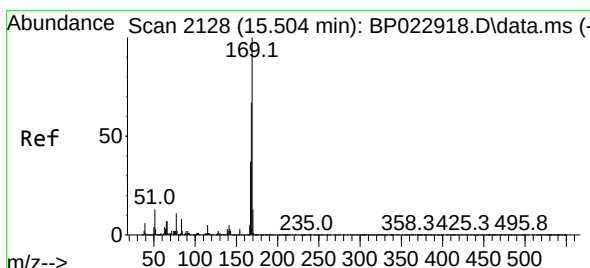
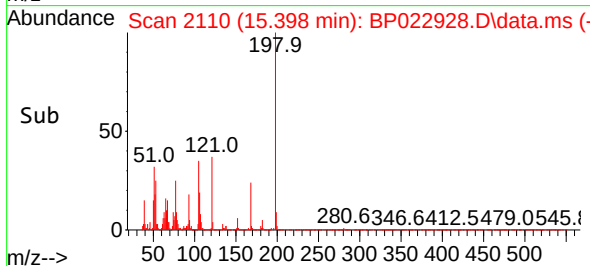
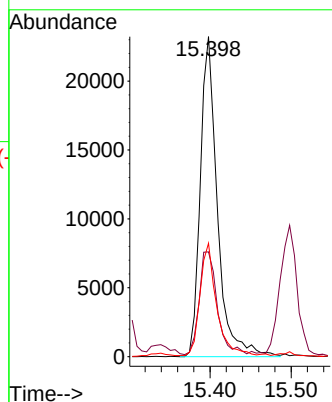
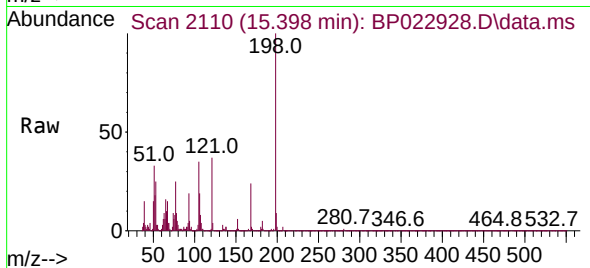
#65
4,6-Dinitro-2-methylphenol
Concen: 13.704 ng
RT: 15.398 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:198 Resp: 3398
Ion Ratio Lower Upper
198 100
51 32.8 17.4 57.4
105 35.4 15.4 55.4

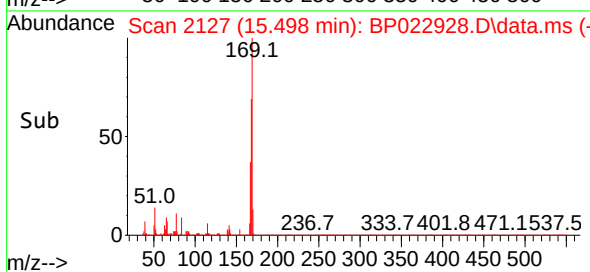
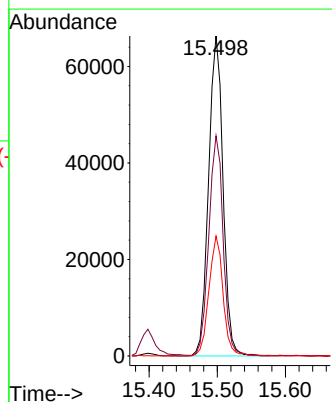
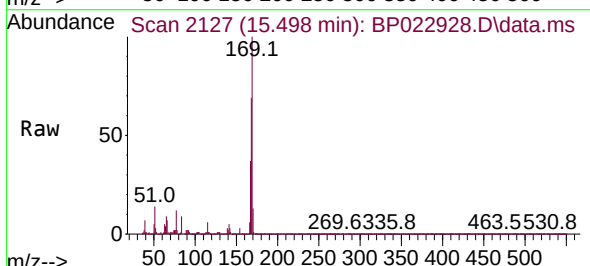
Manual Integrations
APPROVED

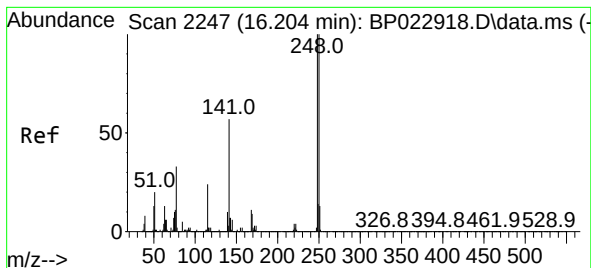
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#66
n-Nitrosodiphenylamine
Concen: 9.721 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Tgt Ion:169 Resp: 97969
Ion Ratio Lower Upper
169 100
168 68.8 53.9 80.9
167 37.5 29.4 44.0





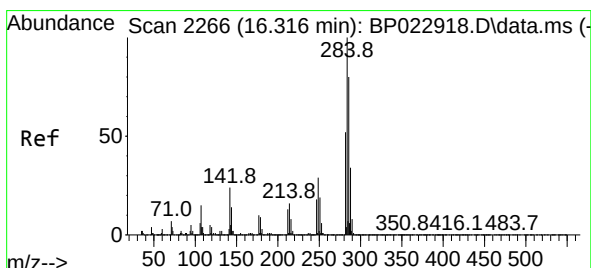
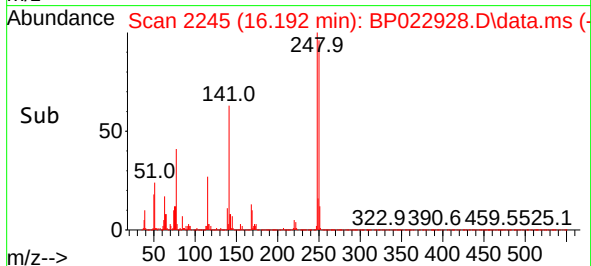
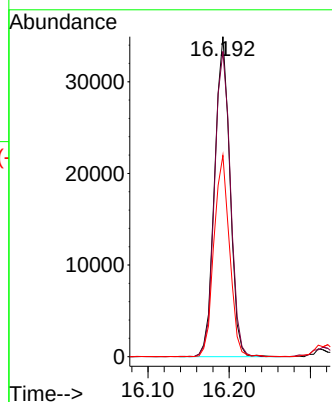
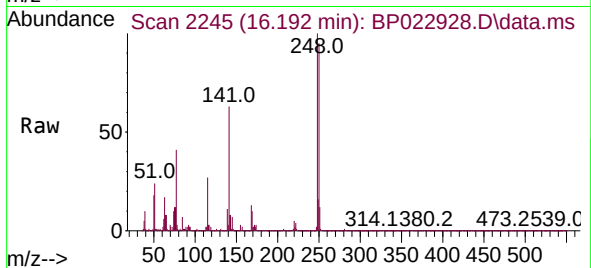
#67
4-Bromophenyl-phenylether
Concen: 9.372 ng
RT: 16.192 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2024

Tgt Ion:248 Resp: 4582
Ion Ratio Lower Upper
248 100
250 95.4 79.8 119.6
141 62.9 45.2 67.8

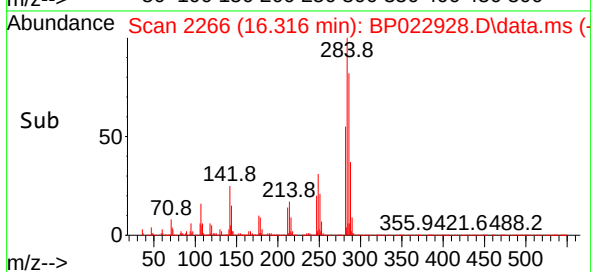
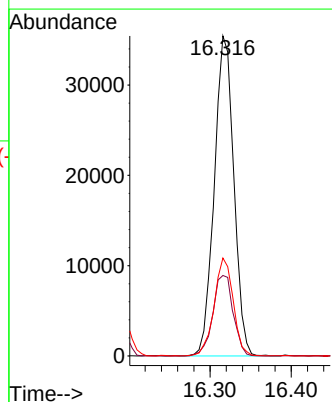
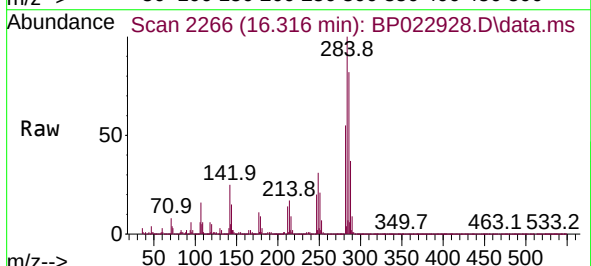
Manual Integrations
APPROVED

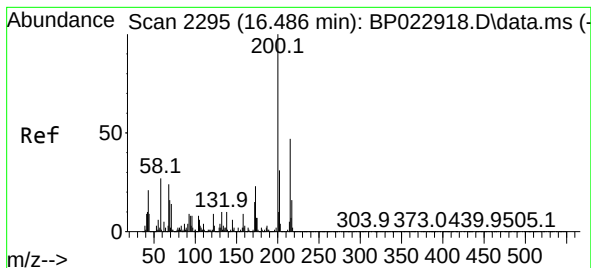
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#68
Hexachlorobenzene
Concen: 9.480 ng
RT: 16.316 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Tgt Ion:284 Resp: 59365
Ion Ratio Lower Upper
284 100
142 25.2 19.0 28.4
249 30.6 23.0 34.6





#69

Atrazine

Concen: 12.590 ng

RT: 16.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Instrument :

BNA_P

ClientSampleId :

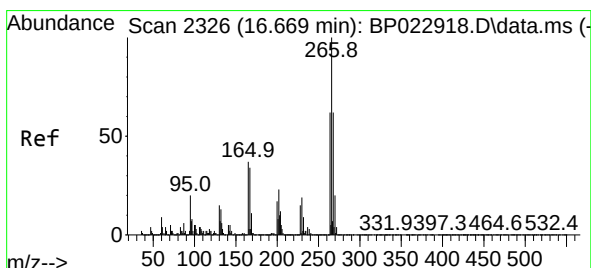
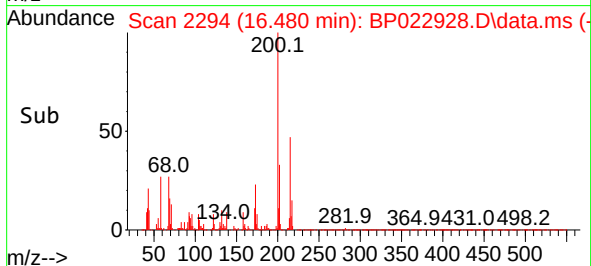
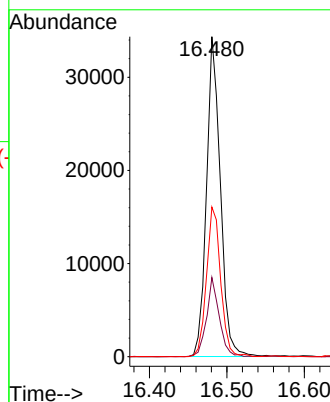
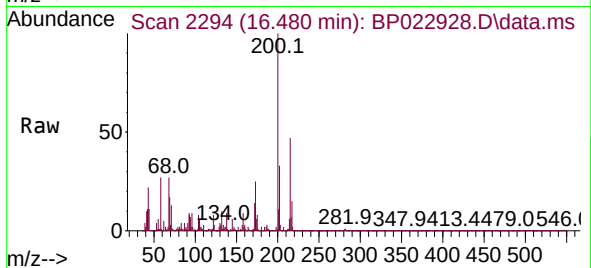
LOQ-SOIL-02-QT4-2024

Tgt Ion:200 Resp: 4276
Ion Ratio Lower Upper
200 100
173 24.8 2.7 42.7
215 46.8 27.1 67.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#70

Pentachlorophenol

Concen: 8.608 ng

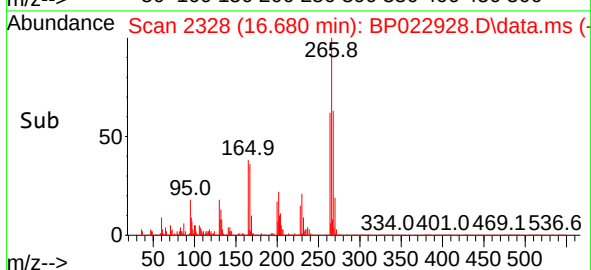
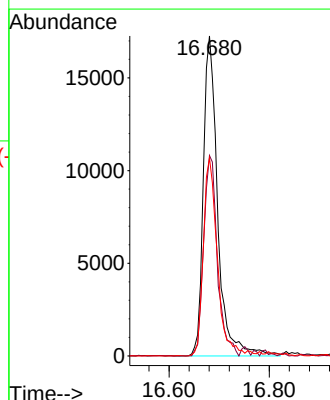
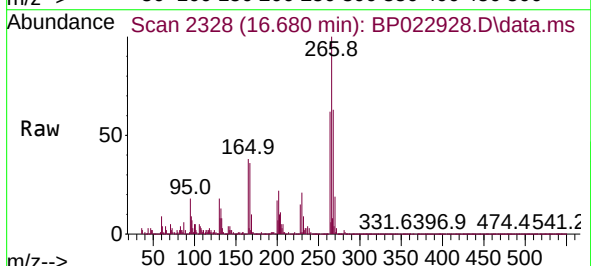
RT: 16.680 min Scan# 2328

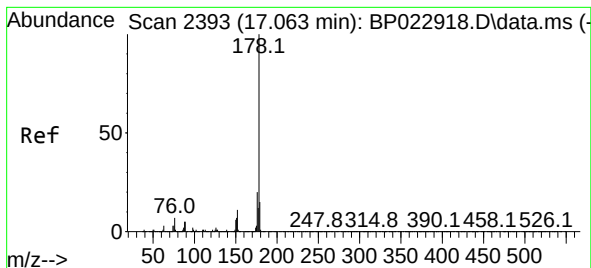
Delta R.T. 0.012 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Tgt Ion:266 Resp: 34427
Ion Ratio Lower Upper
266 100
268 62.6 49.9 74.9
264 61.9 49.7 74.5





#71

Phenanthrene

Concen: 9.926 ng

RT: 17.069 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:178 Resp: 195824

Ion Ratio Lower Upper

178 100

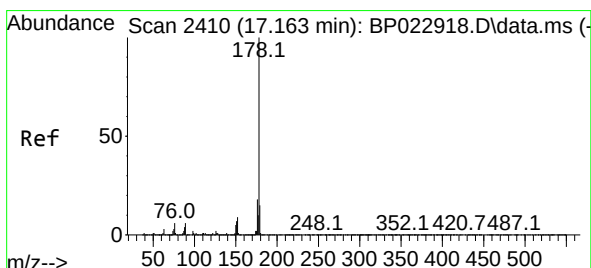
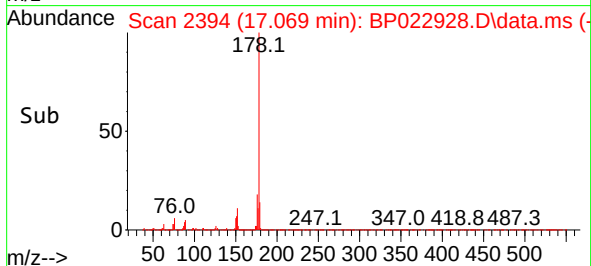
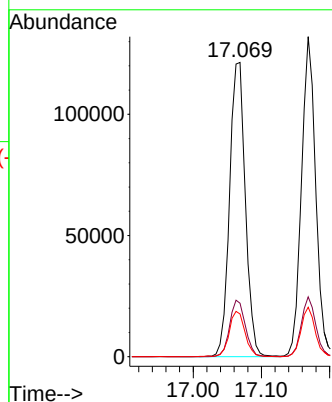
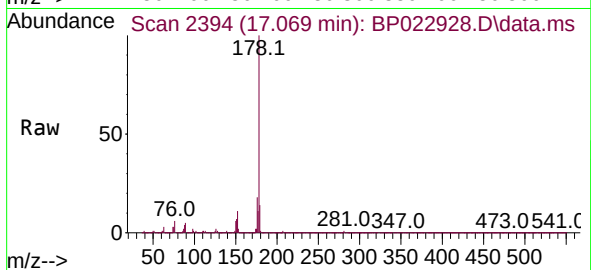
176 18.2 15.6 23.4

179 14.5 12.0 18.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#72

Anthracene

Concen: 10.193 ng

RT: 17.169 min Scan# 2411

Delta R.T. 0.006 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

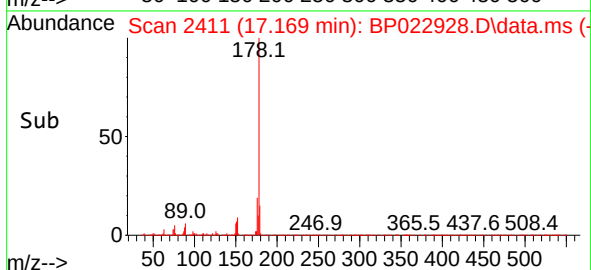
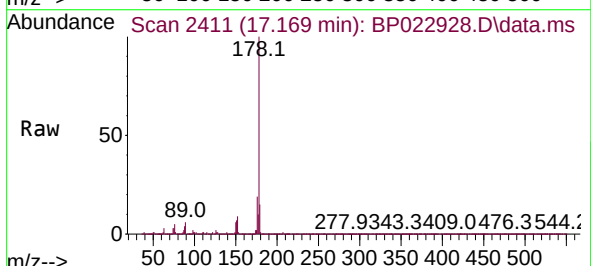
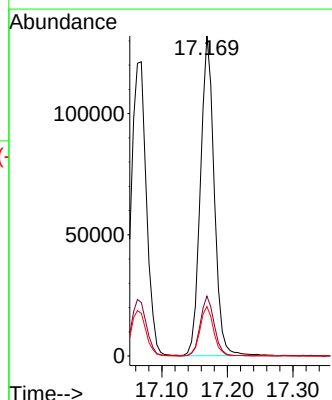
Tgt Ion:178 Resp: 192978

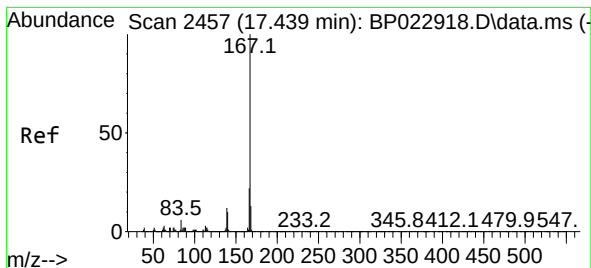
Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

179 15.5 12.3 18.5





#73

Carbazole

Concen: 9.779 ng

RT: 17.457 min Scan# 2457

Delta R.T. 0.018 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Instrument :

BNA_P

ClientSampleId :

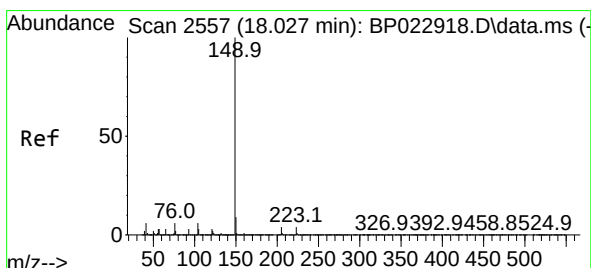
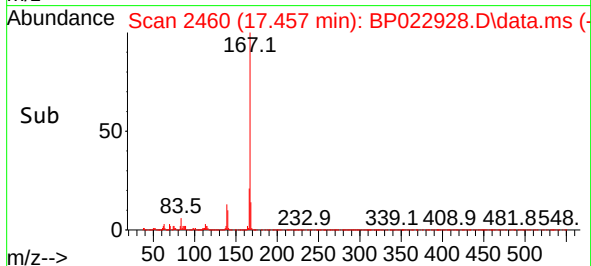
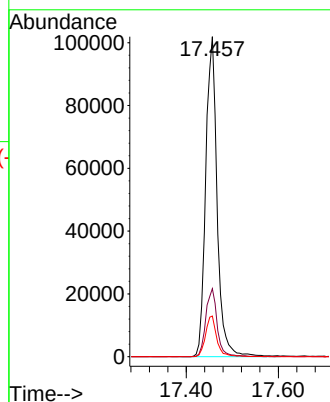
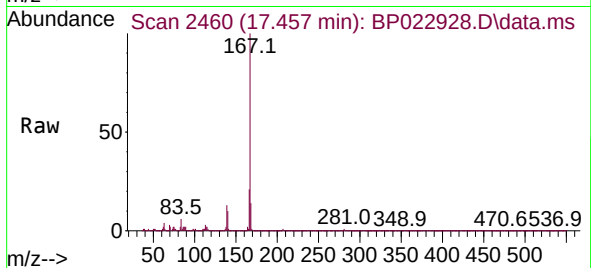
LOQ-SOIL-02-QT4-2024

Tgt Ion:	167	Resp:	17682
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.4	26.2
139	12.7	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#74

Di-n-butylphthalate

Concen: 9.162 ng

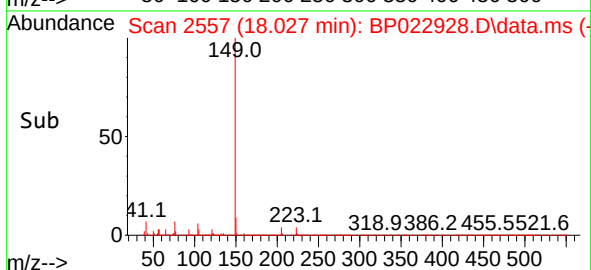
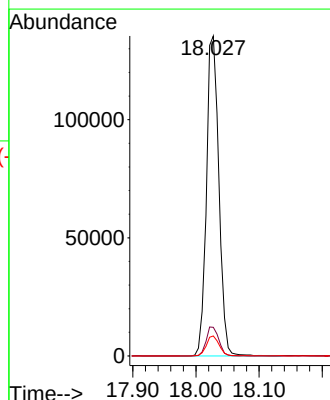
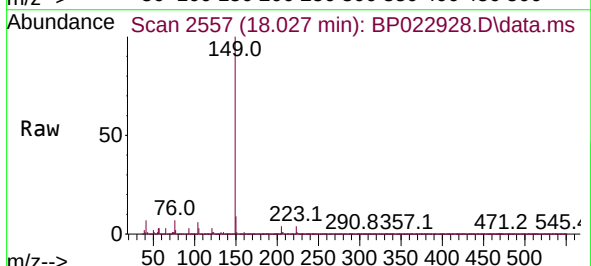
RT: 18.027 min Scan# 2557

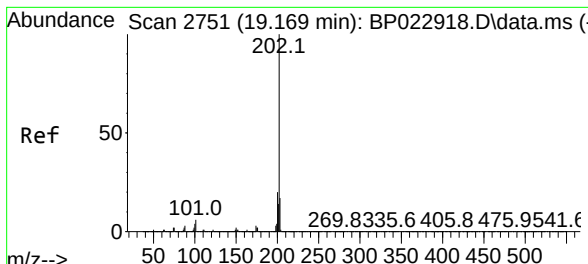
Delta R.T. 0.000 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Tgt Ion:	149	Resp:	184637
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.2	10.8
104	6.3	4.8	7.2



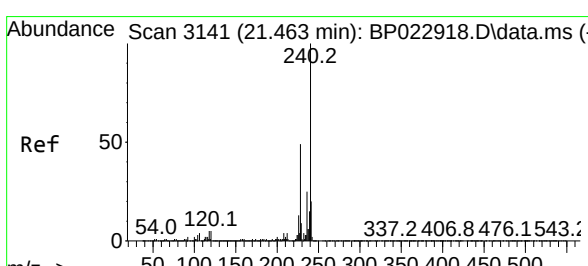
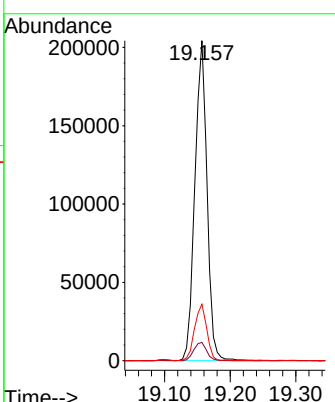
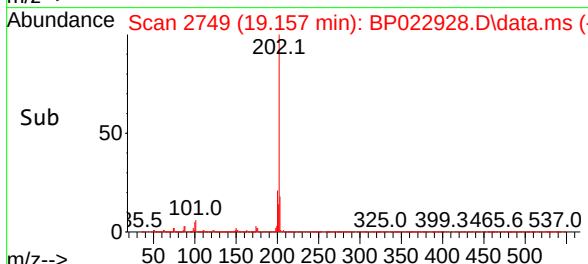
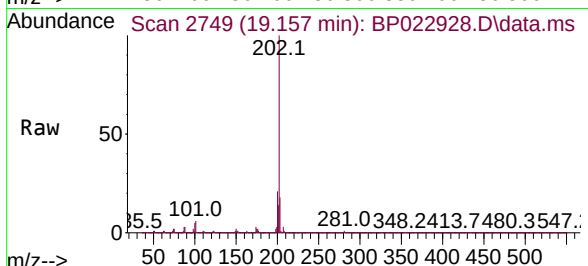


#75
 Fluoranthene
 Concen: 9.619 ng
 RT: 19.157 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP022928.D
 Acq: 08 Nov 2024 10:36

Instrument : BNA_P
 ClientSampleId : LOQ-SOIL-02-QT4-2024

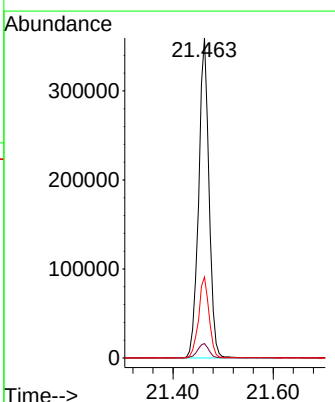
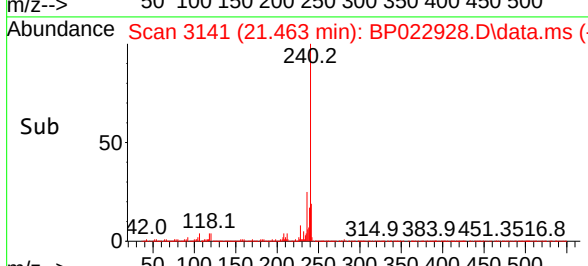
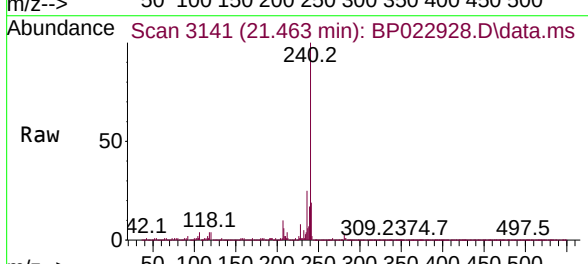
Tgt Ion:	202	Resp:	26323
Ion Ratio	Lower	Upper	
202	100		
101	5.7	0.0	25.5
203	17.7	0.0	37.2

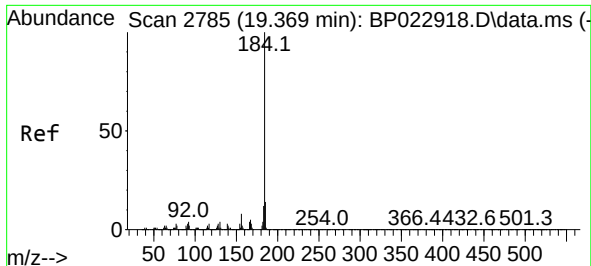
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.463 min Scan# 3141
 Delta R.T. 0.000 min
 Lab File: BP022928.D
 Acq: 08 Nov 2024 10:36

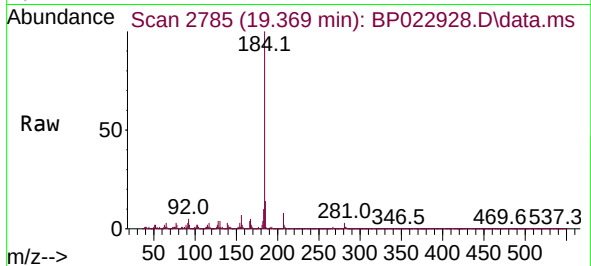
Tgt Ion:	240	Resp:	514057
Ion Ratio	Lower	Upper	
240	100		
120	4.5	4.2	6.2
236	25.3	20.4	30.6





#77
Benzidine
Concen: 11.581 ng
RT: 19.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

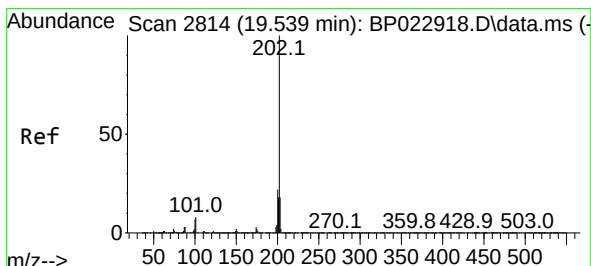
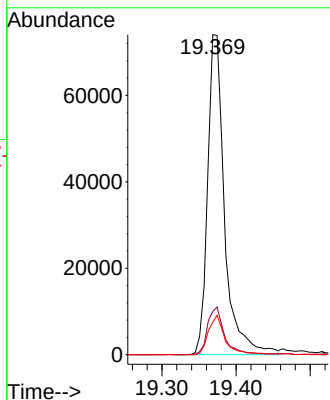
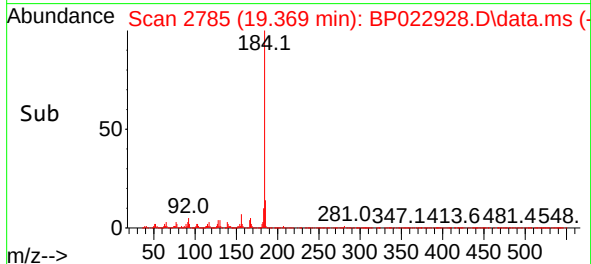
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:184 Resp: 117624
Ion Ratio Lower Upper
184 100
185 13.5 11.3 16.9
183 10.1 9.7 14.5

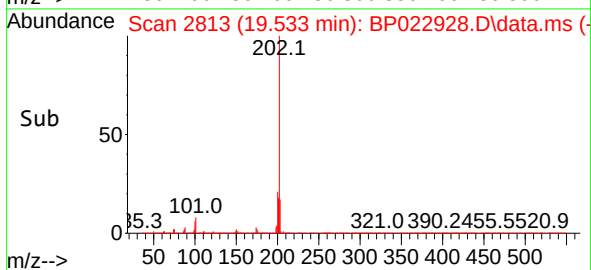
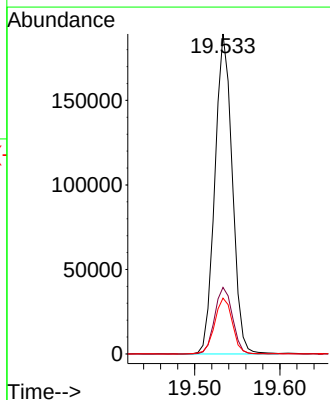
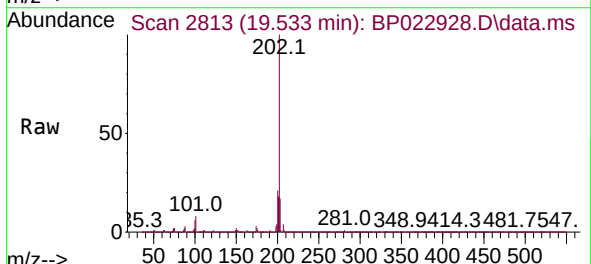
Manual Integrations
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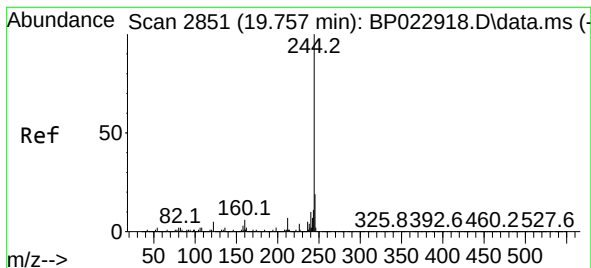
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#78
Pyrene
Concen: 8.822 ng
RT: 19.533 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Tgt Ion:202 Resp: 268451
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.0
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 78.486 ng

RT: 19.763 min Scan# 214835

Delta R.T. 0.006 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:244 Resp: 214835

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

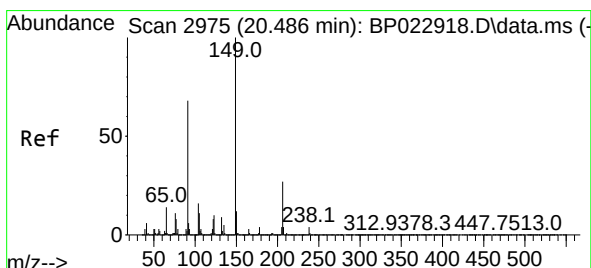
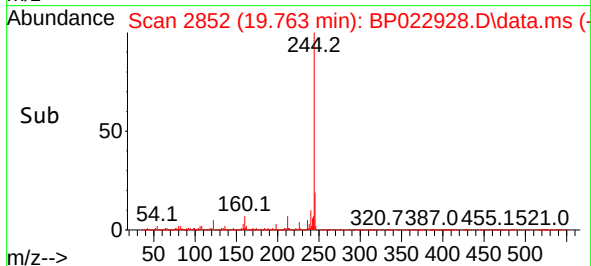
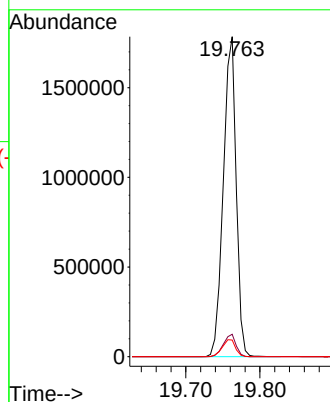
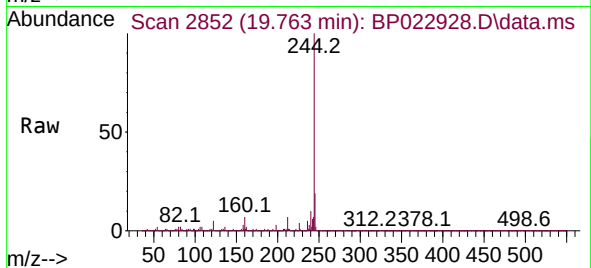
122 5.2 4.4 6.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#80

Butylbenzylphthalate

Concen: 8.556 ng

RT: 20.492 min Scan# 2976

Delta R.T. 0.006 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

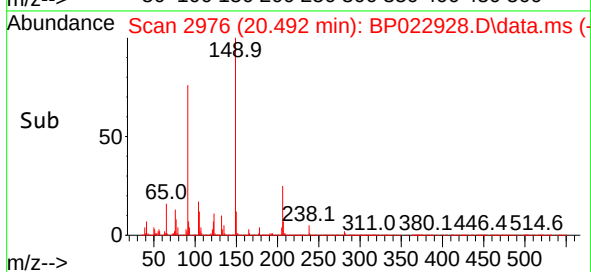
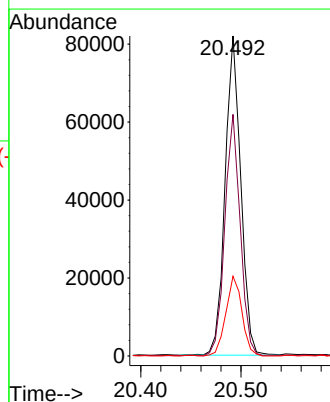
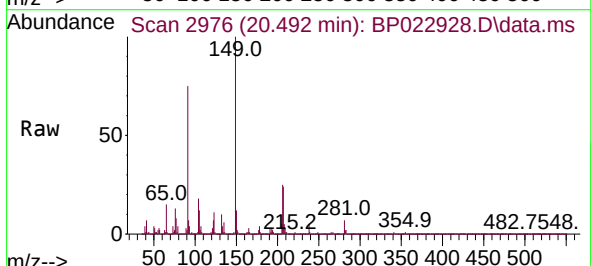
Tgt Ion:149 Resp: 88772

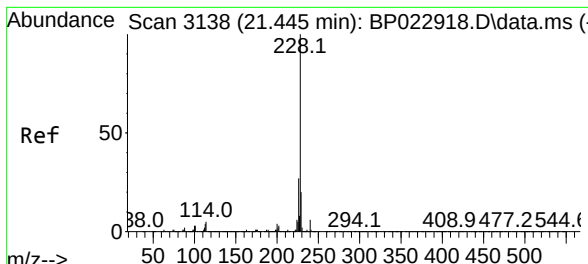
Ion Ratio Lower Upper

149 100

91 75.5 54.6 82.0

206 24.9 21.3 31.9



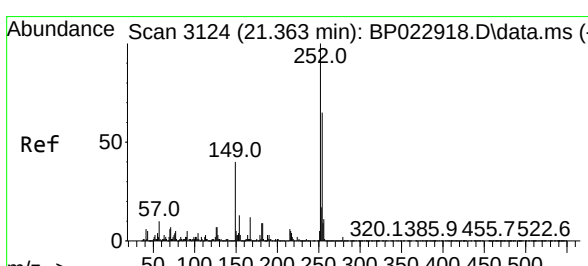
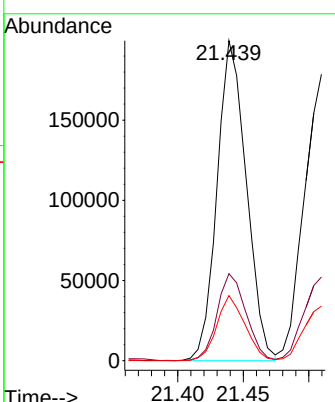
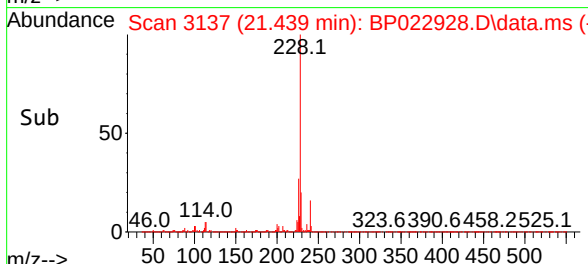
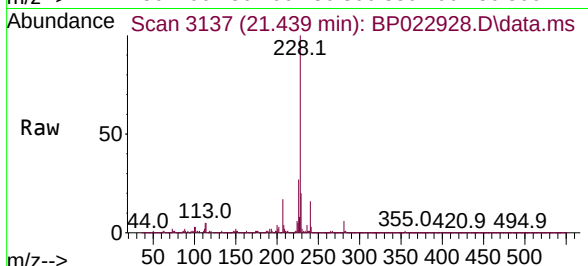


#81
 Benzo(a)anthracene
 Concen: 9.673 ng
 RT: 21.439 min Scan# 3137
 Delta R.T. -0.006 min
 Lab File: BP022928.D
 Acq: 08 Nov 2024 10:36

Instrument : BNA_P
 ClientSampleId : LOQ-SOIL-02-QT4-2024

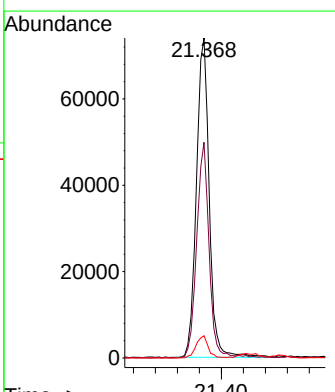
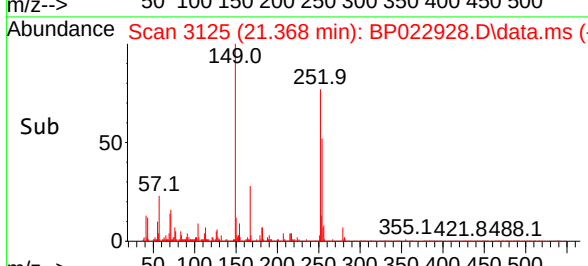
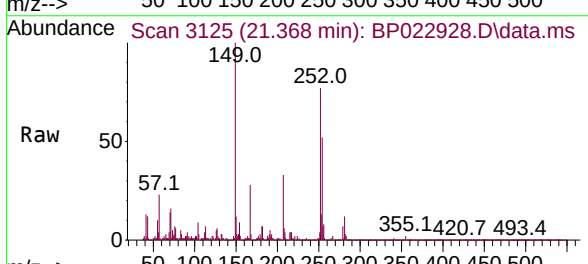
Tgt Ion:	228	Resp:	30941
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.8	32.6
229	20.3	16.0	24.0

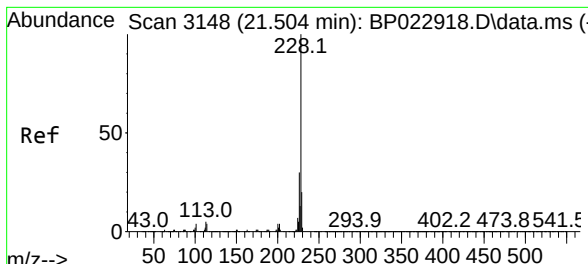
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024



#82
 3,3'-Dichlorobenzidine
 Concen: 9.265 ng
 RT: 21.368 min Scan# 3125
 Delta R.T. 0.006 min
 Lab File: BP022928.D
 Acq: 08 Nov 2024 10:36

Tgt Ion:	252	Resp:	119977
Ion Ratio	Lower	Upper	
252	100		
254	67.4	51.7	77.5
126	7.0	5.4	8.0



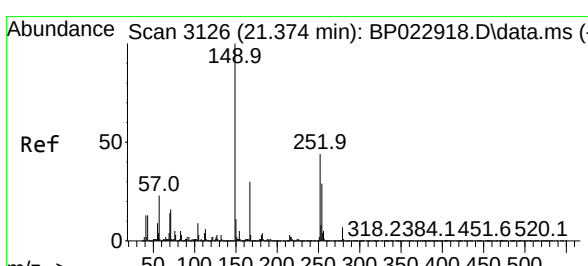
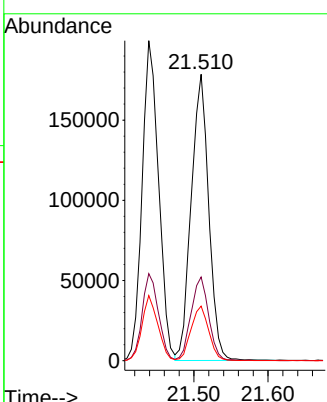
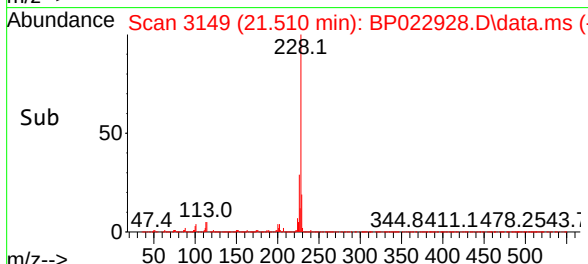
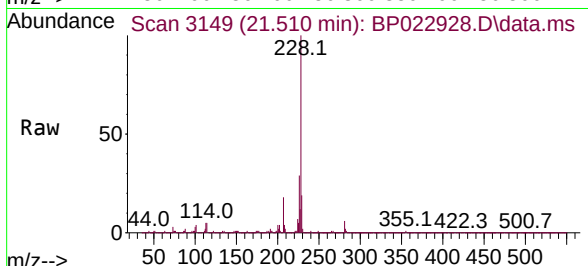


#83
 Chrysene
 Concen: 9.770 ng
 RT: 21.510 min Scan# 3149
 Delta R.T. 0.006 min
 Lab File: BP022928.D
 Acq: 08 Nov 2024 10:36

Instrument : BNA_P
 ClientSampleId : LOQ-SOIL-02-QT4-2024

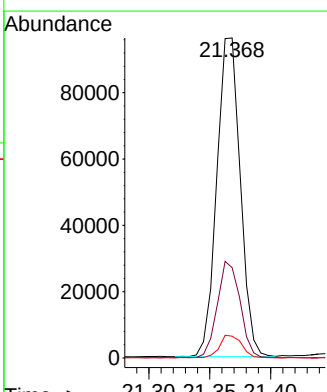
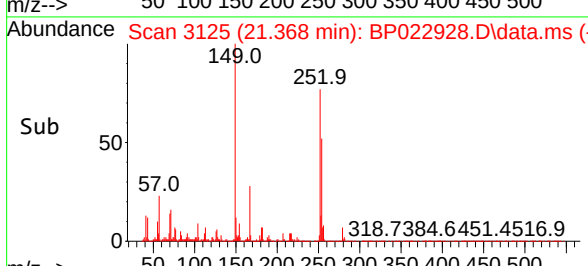
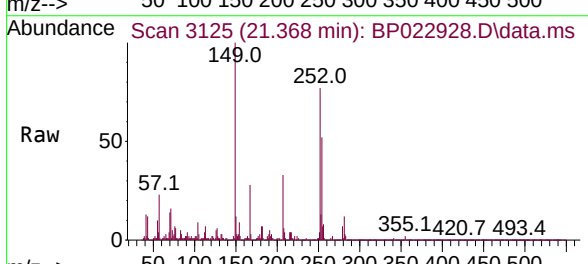
Tgt Ion:	228	Resp:	292735
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.8	35.6
229	19.1	15.8	23.8

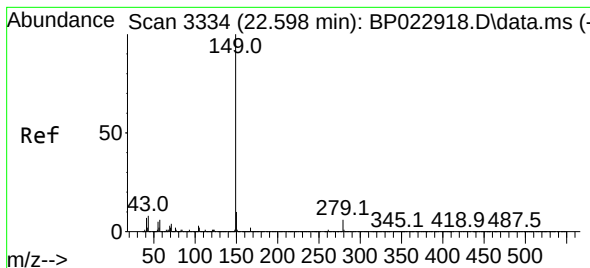
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.664 ng
 RT: 21.368 min Scan# 3125
 Delta R.T. -0.006 min
 Lab File: BP022928.D
 Acq: 08 Nov 2024 10:36

Tgt Ion:	149	Resp:	129004
Ion Ratio	Lower	Upper	
149	100		
167	28.2	23.7	35.5
279	6.8	5.3	7.9





#85

Di-n-octyl phthalate

Concen: 8.902 ng

RT: 22.598 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Instrument :

BNA_P

ClientSampleId :

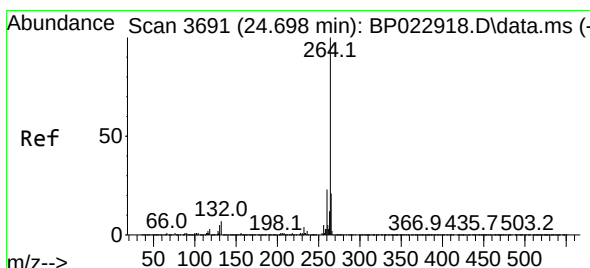
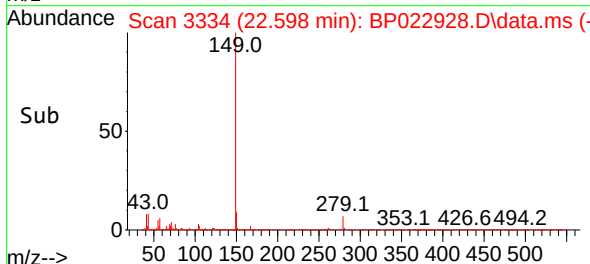
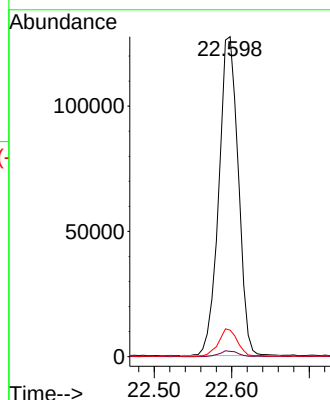
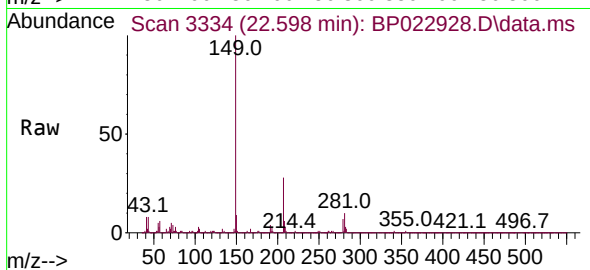
LOQ-SOIL-02-QT4-2024

Tgt Ion:149	Resp: 22149
Ion Ratio	Lower Upper
149 100	
167 1.8	1.4 2.0
43 8.4	6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#86

Perylene-d12

Concen: 20.000 ng

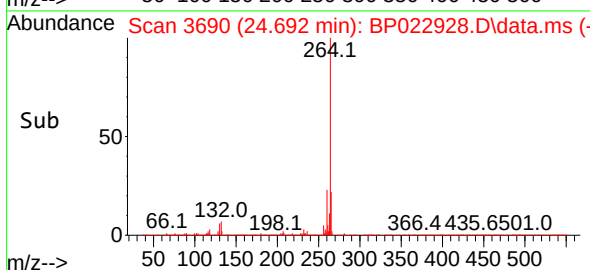
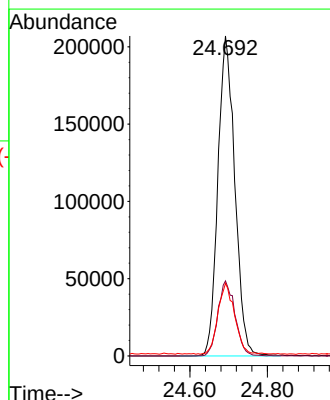
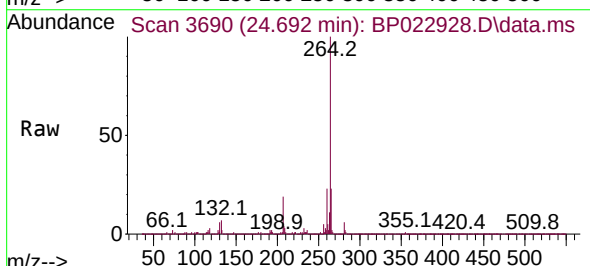
RT: 24.692 min Scan# 3690

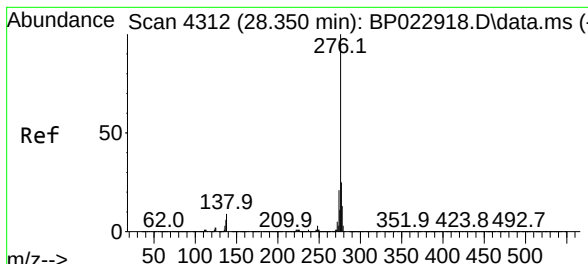
Delta R.T. -0.006 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Tgt Ion:264	Resp: 626769
Ion Ratio	Lower Upper
264 100	
260 23.5	18.6 28.0
265 22.7	17.4 26.2





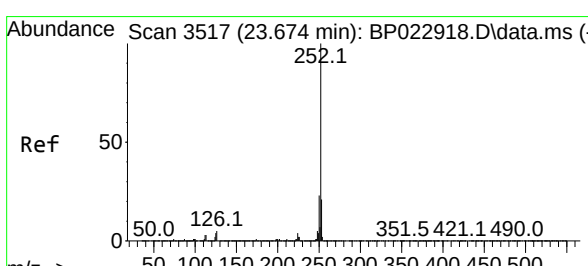
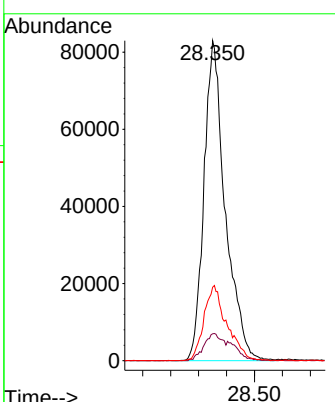
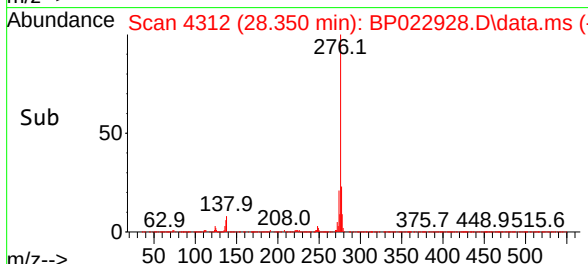
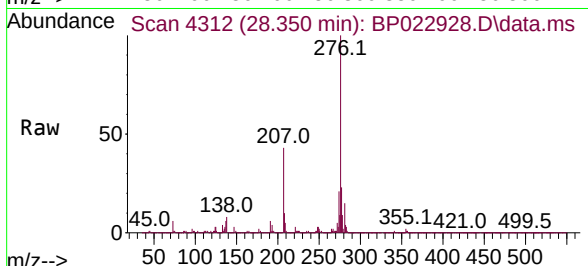
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 10.361 ng
 RT: 28.350 min Scan# 4312
 Delta R.T. 0.000 min
 Lab File: BP022928.D
 Acq: 08 Nov 2024 10:36

Instrument : BNA_P
 ClientSampleId : LOQ-SOIL-02-QT4-2024

Tgt Ion: 276 Resp: 437988

Ion	Ratio	Lower	Upper
276	100		
138	7.5	8.7	13.1
277	25.3	20.3	30.5

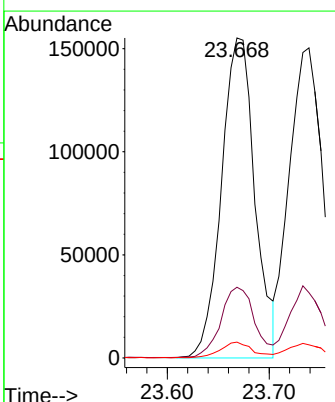
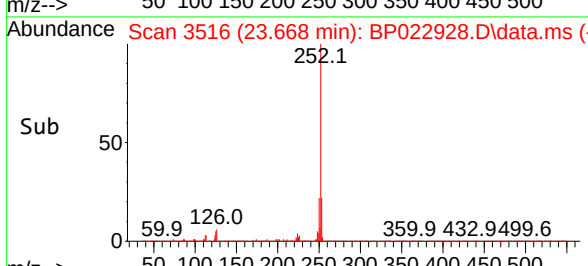
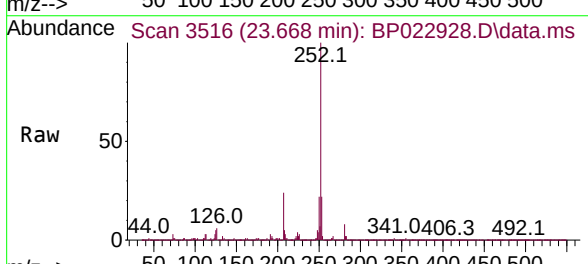
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 Reviewed By :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

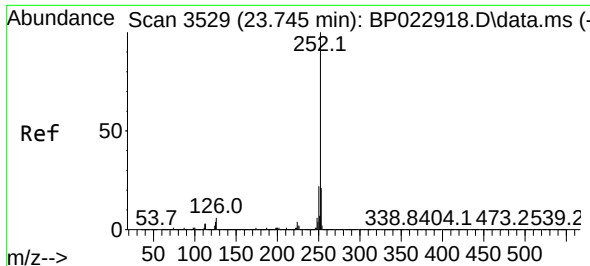


#88
 Benzo(b)fluoranthene
 Concen: 9.625 ng m
 RT: 23.668 min Scan# 3516
 Delta R.T. -0.006 min
 Lab File: BP022928.D
 Acq: 08 Nov 2024 10:36

Tgt Ion: 252 Resp: 354432

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.8	25.2
125	5.0	3.2	4.8





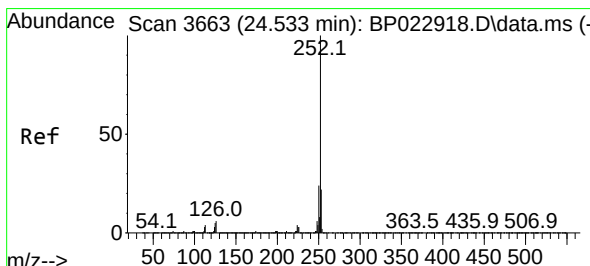
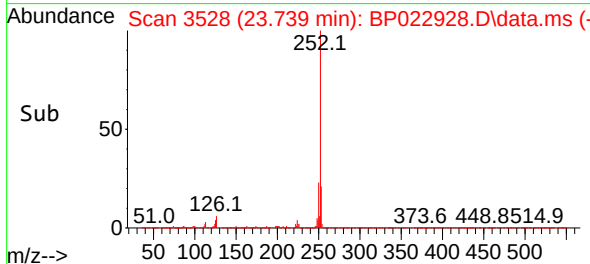
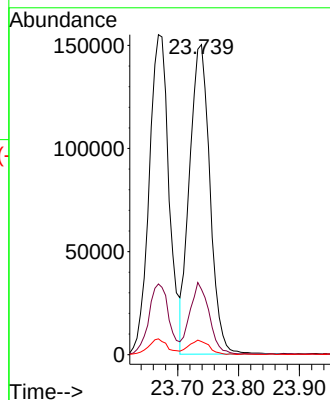
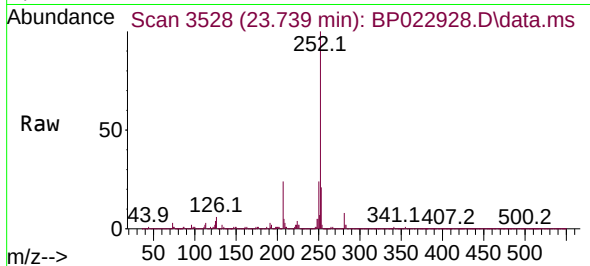
#89
Benzo(k)fluoranthene
Concen: 10.029 ng
RT: 23.739 min Scan# 3529
Delta R.T. -0.006 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2024

Tgt Ion:252 Resp: 348709
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 4.3 3.4 5.2

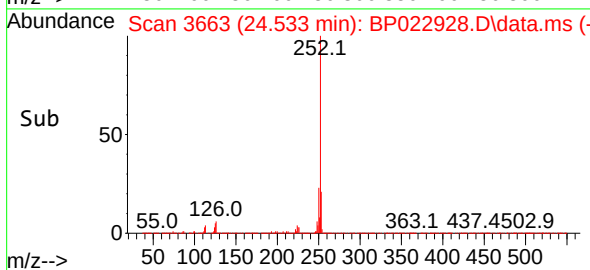
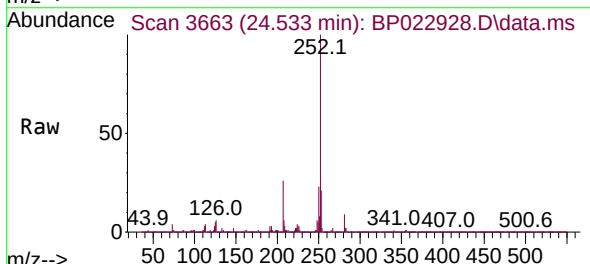
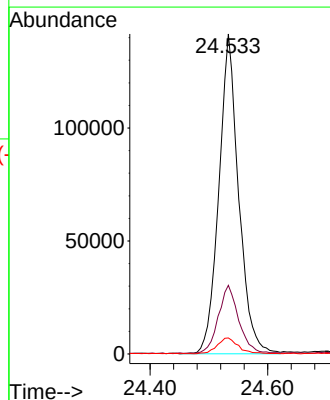
Manual Integrations
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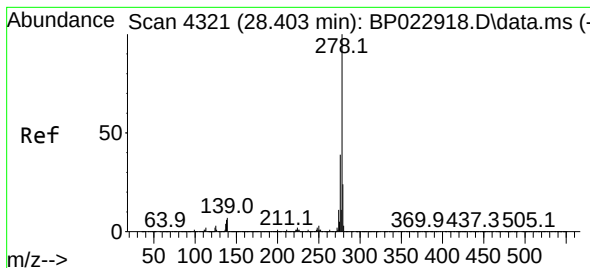
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#90
Benzo(a)pyrene
Concen: 10.502 ng
RT: 24.533 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BP022928.D
Acq: 08 Nov 2024 10:36

Tgt Ion:252 Resp: 330896
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 5.0 4.0 6.0





#91

Dibenzo(a,h)anthracene

Concen: 10.122 ng

RT: 28.415 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:278 Resp: 35089

Ion Ratio Lower Upper

278 100

139 7.5 5.4 8.2

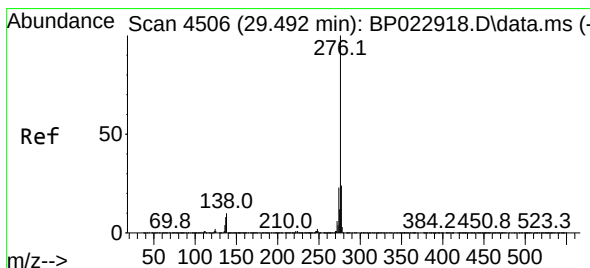
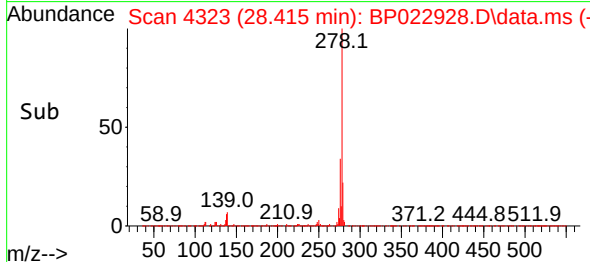
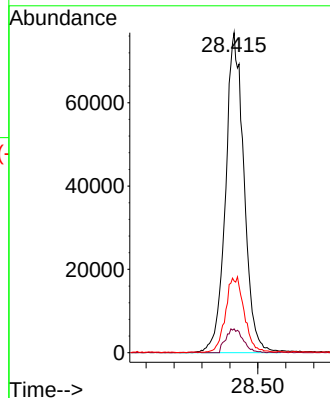
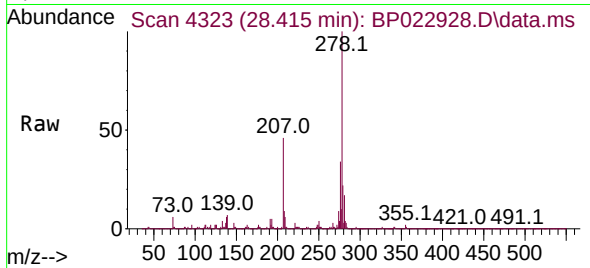
279 22.4 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#92

Benzo(g,h,i)perylene

Concen: 9.403 ng

RT: 29.486 min Scan# 4505

Delta R.T. -0.006 min

Lab File: BP022928.D

Acq: 08 Nov 2024 10:36

Tgt Ion:276 Resp: 334025

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 7.6 7.6 11.4

