

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137221.D
 Acq On : 31 Jan 2024 20:29
 Operator : CG\JU
 Sample : P1270-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20240126MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 01 01:22:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	45952	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	169542	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	88794	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	169158	20.000	ng	0.00
76) Chrysene-d12	13.974	240	136816	20.000	ng	0.00
86) Perylene-d12	15.451	264	116200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	364777	130.987	ng	0.02
7) Phenol-d6	6.428	99	448510	112.854	ng	0.00
23) Nitrobenzene-d5	7.357	82	334266	88.271	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	140116	139.725	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	605227	93.699	ng	0.00
79) Terphenyl-d14	12.916	244	768968	76.407	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.687	88	53342	35.798	ng	# 81
3) Pyridine	3.410	79	90934	31.272	ng	99
4) n-Nitrosodimethylamine	3.351	42	70367	46.548	ng	92
6) Aniline	6.463	93	79919	18.785	ng	97
8) 2-Chlorophenol	6.581	128	136584	43.864	ng	95
9) Benzaldehyde	6.345	77	30745	20.314	ng	97
10) Phenol	6.439	94	163621	36.884	ng	95
11) bis(2-Chloroethyl)ether	6.534	93	132415	44.665	ng	99
12) 1,3-Dichlorobenzene	6.734	146	155187	42.508	ng	100
13) 1,4-Dichlorobenzene	6.810	146	156909	41.558	ng	97
14) 1,2-Dichlorobenzene	6.963	146	151430	42.896	ng	99
15) Benzyl Alcohol	6.934	79	133975	47.450	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	218813	40.973	ng	99
17) 2-Methylphenol	7.045	107	111140	42.724	ng	97
18) Hexachloroethane	7.304	117	56287	41.335	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	120602	44.259	ng	98
20) 3+4-Methylphenols	7.198	107	138068	41.926	ng	89
22) Acetophenone	7.204	105	208767	45.739	ng	# 94
24) Nitrobenzene	7.375	77	167692	45.625	ng	96
25) Isophorone	7.610	82	314294	44.965	ng	98
26) 2-Nitrophenol	7.686	139	61043	43.159	ng	89
27) 2,4-Dimethylphenol	7.728	122	97608	48.856	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	176478	47.545	ng	98
29) 2,4-Dichlorophenol	7.928	162	116598	47.045	ng	100
30) 1,2,4-Trichlorobenzene	8.010	180	136103	44.210	ng	99
31) Naphthalene	8.092	128	406340	44.333	ng	99
32) Benzoic acid	7.828	122	29020	25.621	ng	# 86
33) 4-Chloroaniline	8.145	127	36258	11.500	ng	96
34) Hexachlorobutadiene	8.210	225	93366	45.611	ng	98
35) Caprolactam	8.498	113	31054m	40.296	ng	
36) 4-Chloro-3-methylphenol	8.622	107	128444	43.877	ng	98
37) 2-Methylnaphthalene	8.786	142	269136	43.799	ng	98
38) 1-Methylnaphthalene	8.880	142	252630	44.264	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	146511	49.312	ng	98
41) Hexachlorocyclopentadiene	8.933	237	98033	69.276	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	85835	50.934	ng	98

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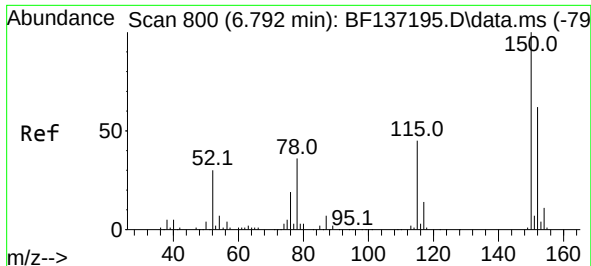
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	88003	47.775	ng	95
46) 1,1'-Biphenyl	9.251	154	348433	49.320	ng	98
47) 2-Chloronaphthalene	9.275	162	251558	48.115	ng	99
48) 2-Nitroaniline	9.369	65	87621	51.779	ng	97
49) Acenaphthylene	9.686	152	399443	47.723	ng	99
50) Dimethylphthalate	9.551	163	306693	51.127	ng	99
51) 2,6-Dinitrotoluene	9.616	165	65320	51.065	ng	88
52) Acenaphthene	9.863	154	237026	48.183	ng	100
53) 3-Nitroaniline	9.780	138	24203	21.025	ng	92
54) 2,4-Dinitrophenol	9.886	184	17926	38.484	ng	96
55) Dibenzofuran	10.033	168	371640	47.486	ng	99
56) 4-Nitrophenol	9.945	139	77214	91.807	ng	96
57) 2,4-Dinitrotoluene	10.016	165	84515	50.920	ng	92
58) Fluorene	10.380	166	289188	47.133	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	79862	46.596	ng	# 88
60) Diethylphthalate	10.257	149	301411	51.030	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	147785	48.458	ng	98
62) 4-Nitroaniline	10.398	138	51357	46.610	ng	96
63) Azobenzene	10.533	77	301408	46.077	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	21398	26.621	ng	91
66) n-Nitrosodiphenylamine	10.492	169	251867	48.969	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	91823	49.367	ng	# 93
68) Hexachlorobenzene	10.922	284	96527	46.461	ng	98
69) Atrazine	11.022	200	85781	50.521	ng	98
70) Pentachlorophenol	11.122	266	109389	91.848	ng	98
71) Phenanthrene	11.345	178	420281	47.459	ng	100
72) Anthracene	11.392	178	439052	47.567	ng	99
73) Carbazole	11.551	167	380908	49.379	ng	99
74) Di-n-butylphthalate	11.892	149	457180	54.827	ng	99
75) Fluoranthene	12.533	202	491933	53.087	ng	98
77) Benzidine	12.668	184	71862	29.333	ng	99
78) Pyrene	12.768	202	504278	38.354	ng	99
80) Butylbenzylphthalate	13.398	149	198248	58.942	ng	96
81) Benzo(a)anthracene	13.963	228	464923	47.982	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	104606	39.625	ng	99
83) Chrysene	13.998	228	453767	47.635	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	281331	71.895	ng	97
85) Di-n-octyl phthalate	14.586	149	484692	77.901	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	321341	39.362	ng	100
88) Benzo(b)fluoranthene	15.021	252	364291	50.977	ng	99
89) Benzo(k)fluoranthene	15.051	252	374958	49.598	ng	100
90) Benzo(a)pyrene	15.392	252	317826	47.260	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	272569	41.669	ng	98
92) Benzo(g,h,i)perylene	17.403	276	242274	37.736	ng	99

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

Manual Integrations

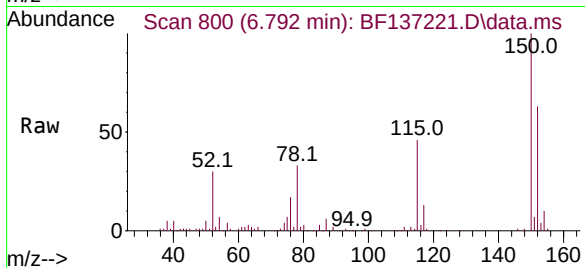
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

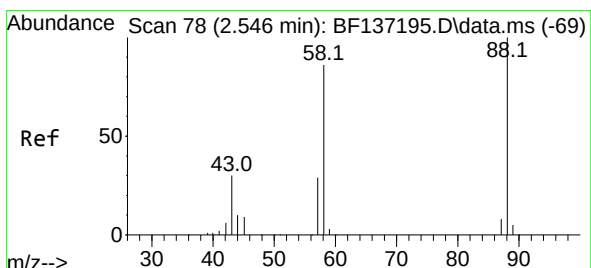
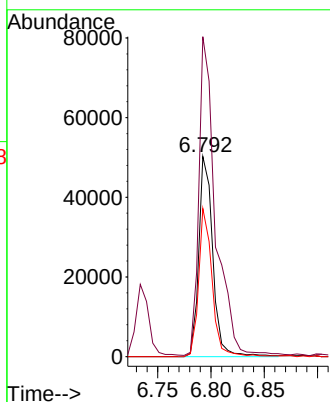
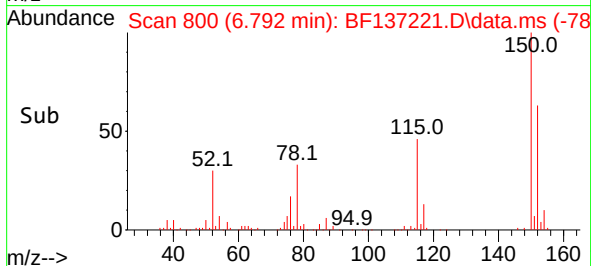
Instrument :
BNA_F
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WC-SOIL-20240126MS



Tgt Ion:152 Resp: 45952
Ion Ratio Lower Upper
152 100
150 159.9 129.8 194.8
115 74.0 58.5 87.7

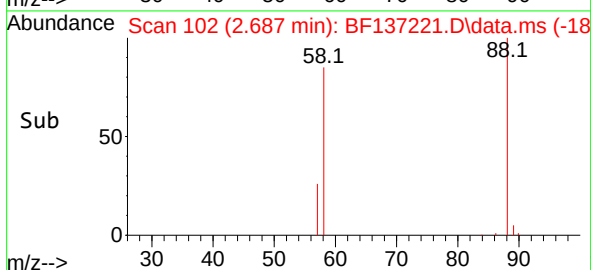
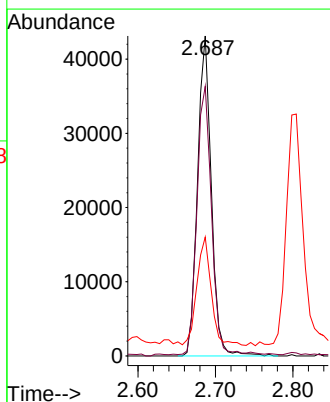
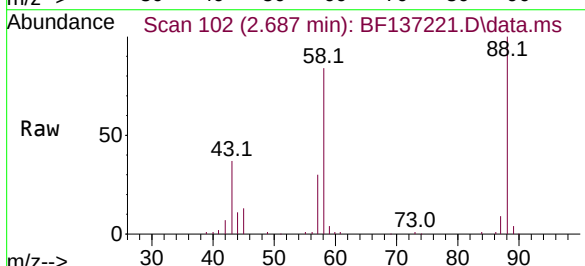
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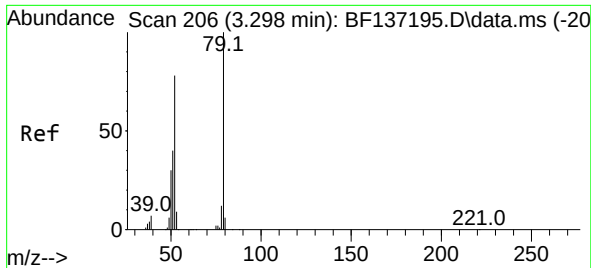
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#2
1,4-Dioxane
Concen: 35.798 ng
RT: 2.687 min Scan# 102
Delta R.T. 0.141 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Tgt Ion: 88 Resp: 53342
Ion Ratio Lower Upper
88 100
58 88.0 67.8 101.8
43 0.0 26.6 40.0#





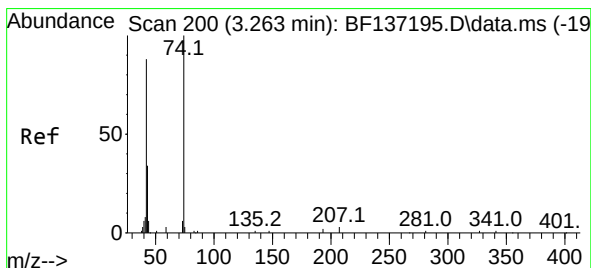
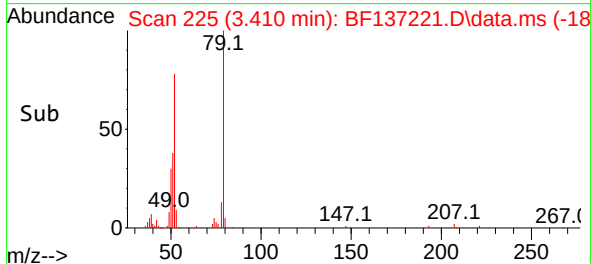
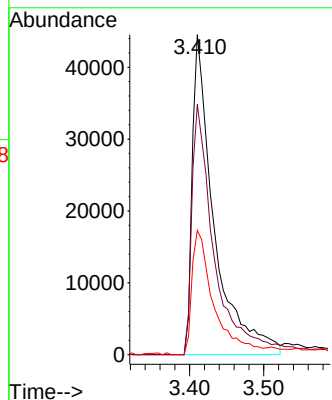
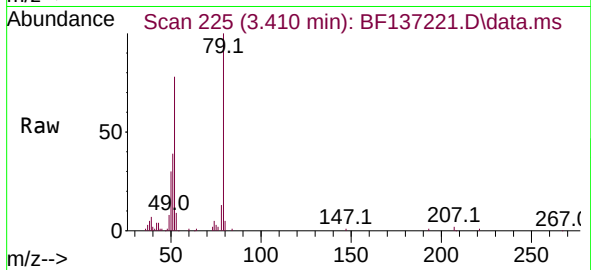
#3
Pyridine
Concen: 31.272 ng
RT: 3.410 min Scan# 215
Delta R.T. 0.112 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS

Tgt Ion: 79 Resp: 90934
Ion Ratio Lower Upper
79 100
52 78.2 62.6 94.0
51 38.8 33.0 49.4

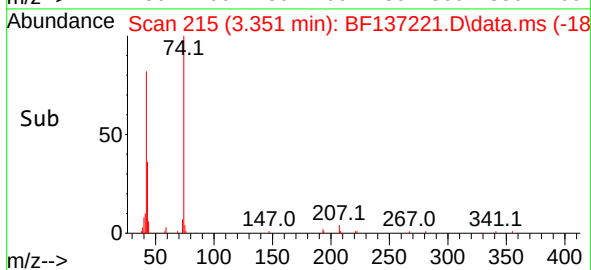
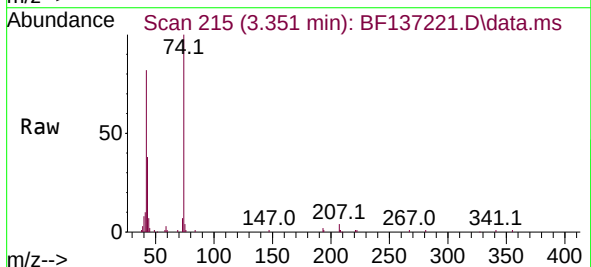
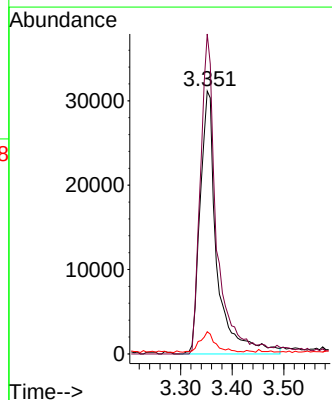
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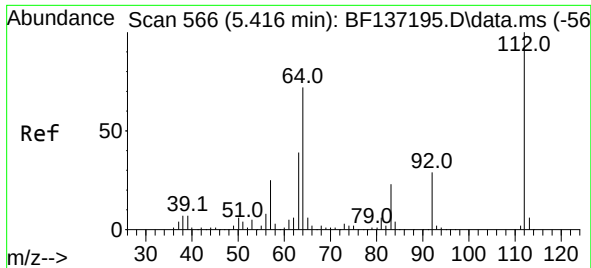
Reviewed By :Jagrut Upadhyay 02/01/2024
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#4
n-Nitrosodimethylamine
Concen: 46.548 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.088 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Tgt Ion: 42 Resp: 70367
Ion Ratio Lower Upper
42 100
74 121.8 90.5 135.7
44 8.4 6.1 9.1





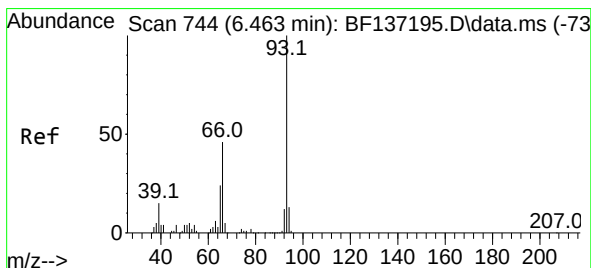
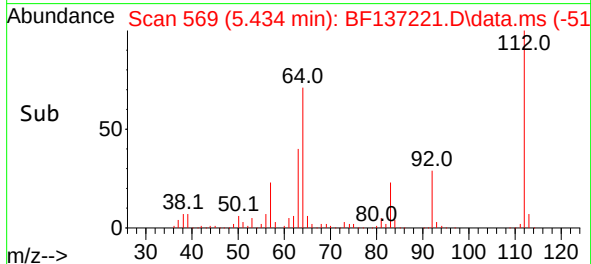
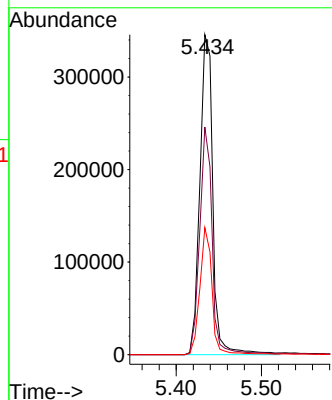
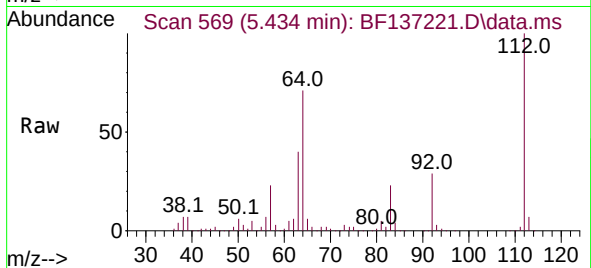
#5
2-Fluorophenol
Concen: 130.987 ng
RT: 5.434 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

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WC-SOIL-20240126MS

Tgt Ion:112 Resp: 364772
Ion Ratio Lower Upper
112 100
64 71.1 57.8 86.6
63 39.7 31.4 47.0

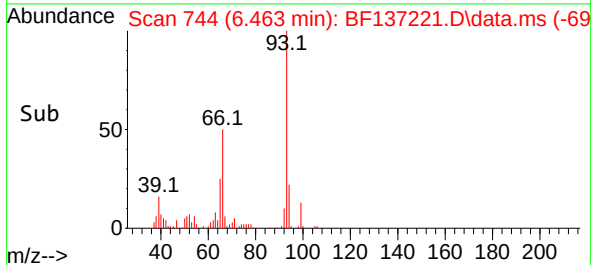
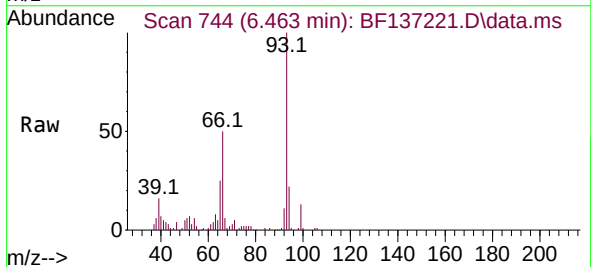
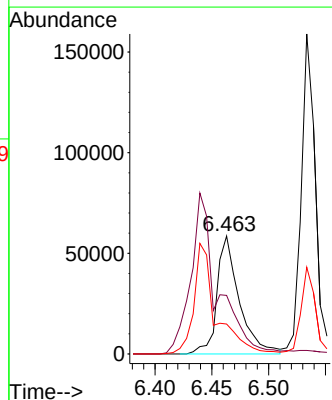
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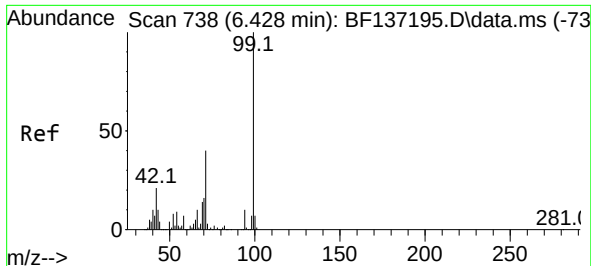
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#6
Aniline
Concen: 18.785 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

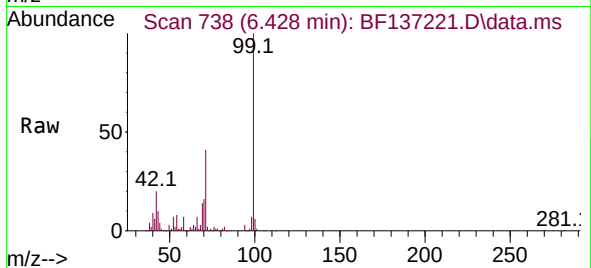
Tgt Ion: 93 Resp: 79919
Ion Ratio Lower Upper
93 100
66 49.7 37.9 56.9
65 25.3 19.0 28.4





#7
Phenol-d6
Concen: 112.854 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

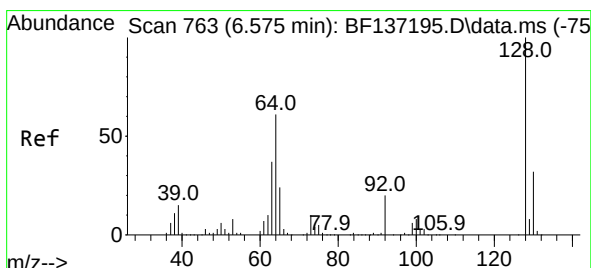
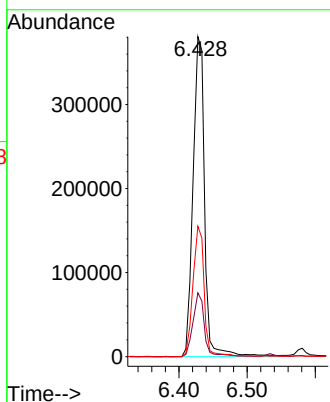
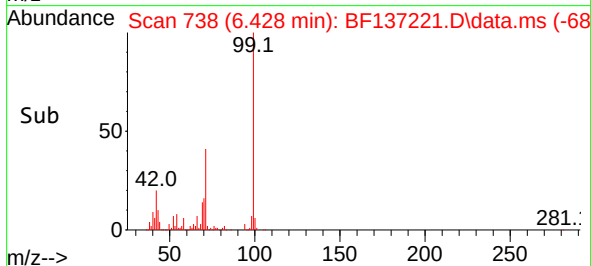
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Tgt Ion: 99 Resp: 448510
Ion Ratio Lower Upper
99 100
42 20.0 16.4 24.6
71 40.7 32.4 48.6

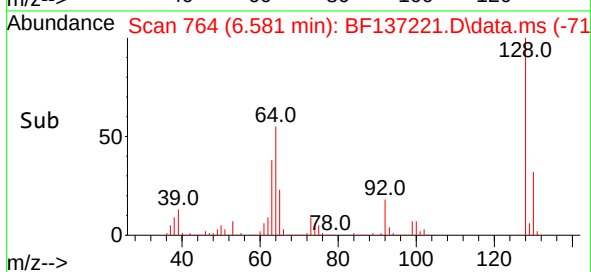
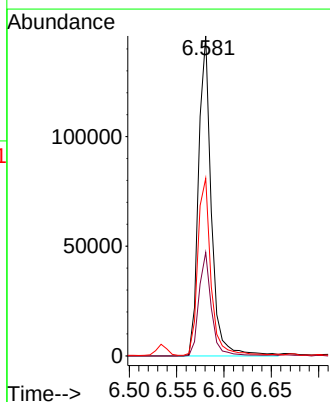
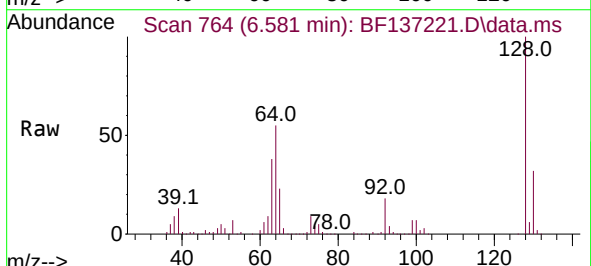
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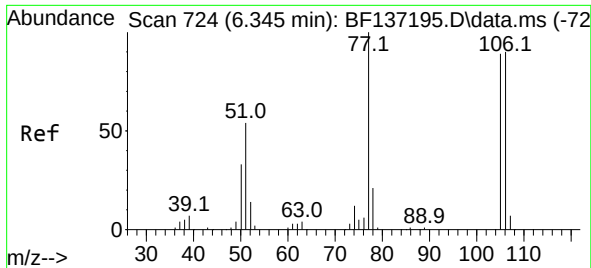
Reviewed By :Jagrut Upadhyay 02/01/2024
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#8
2-Chlorophenol
Concen: 43.864 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Tgt Ion:128 Resp: 136584
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 55.5 41.6 81.6





#9

Benzaldehyde

Concen: 20.314 ng

RT: 6.345 min Scan# 724

Delta R.T. 0.000 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Instrument :

BNA_F

ClientSampleId :

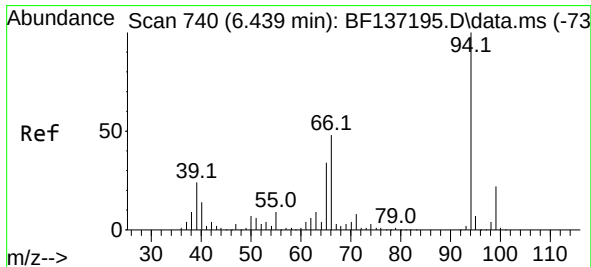
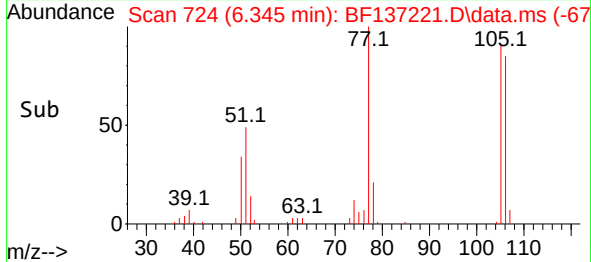
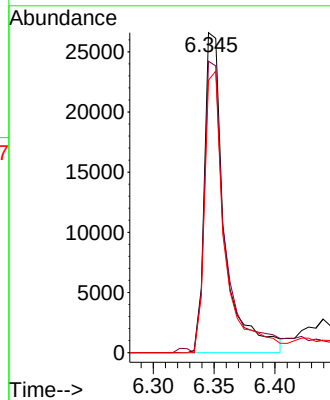
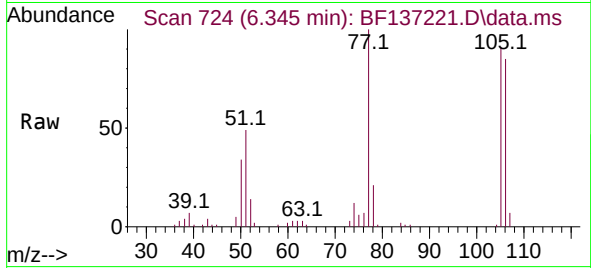
WC-SOIL-20240126MS

Tgt Ion: 77	Resp: 30745
Ion Ratio	Lower Upper
77 100	
105 91.0	69.1 109.1
106 85.1	69.6 109.6

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#10

Phenol

Concen: 36.884 ng

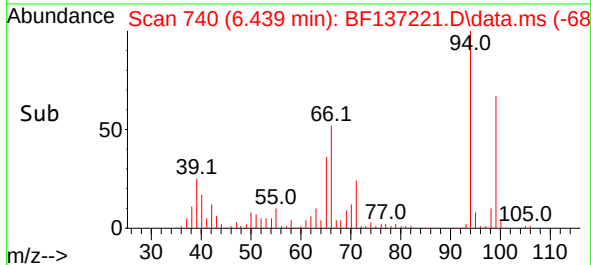
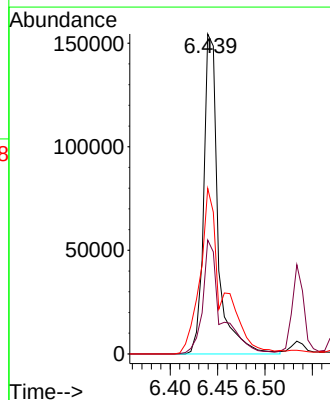
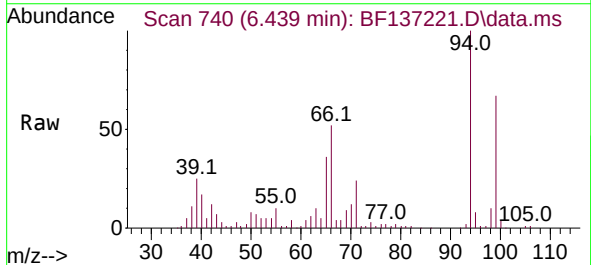
RT: 6.439 min Scan# 740

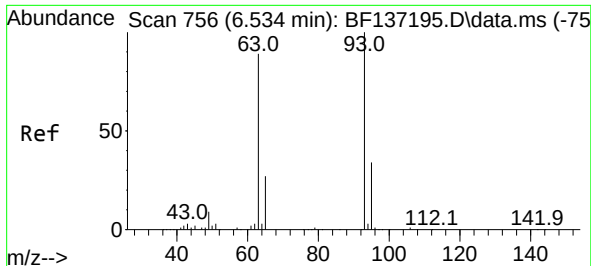
Delta R.T. 0.000 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Tgt Ion: 94	Resp: 163621
Ion Ratio	Lower Upper
94 100	
65 35.6	13.7 53.7
66 51.8	27.8 67.8





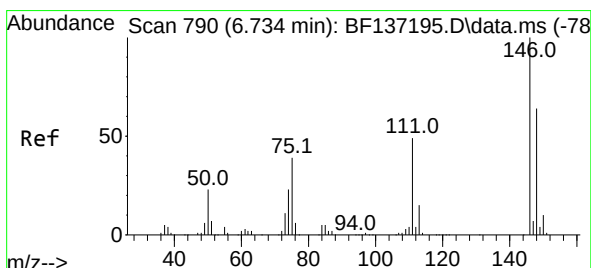
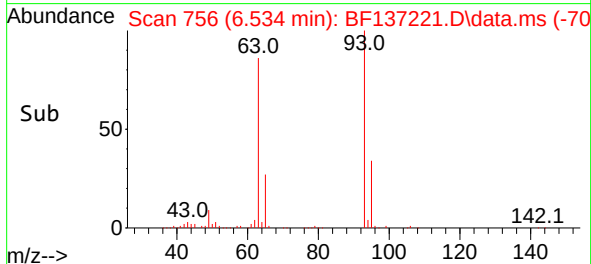
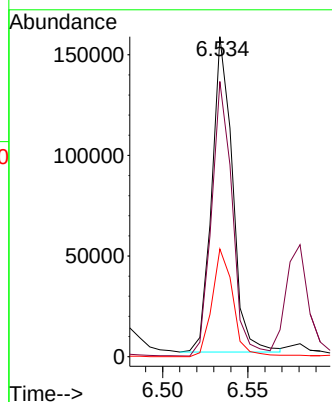
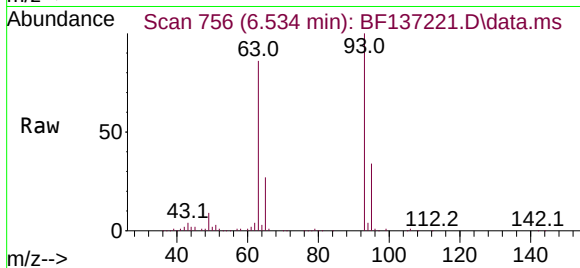
#11
bis(2-Chloroethyl)ether
Concen: 44.665 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS

Tgt Ion: 93 Resp: 132415
Ion Ratio Lower Upper
93 100
63 86.0 66.7 106.7
95 33.6 12.7 52.7

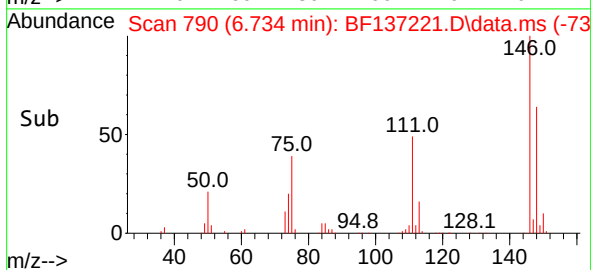
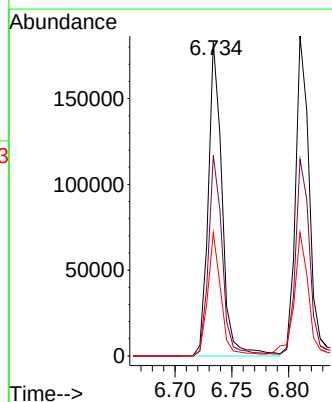
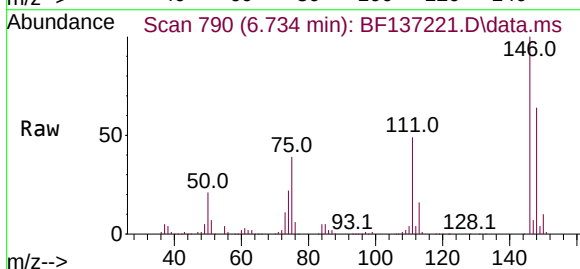
Manual Integrations
APPROVED

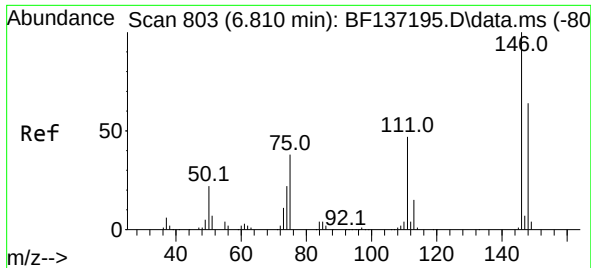
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#12
1,3-Dichlorobenzene
Concen: 42.508 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Tgt Ion:146 Resp: 155187
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
75 39.2 31.3 46.9





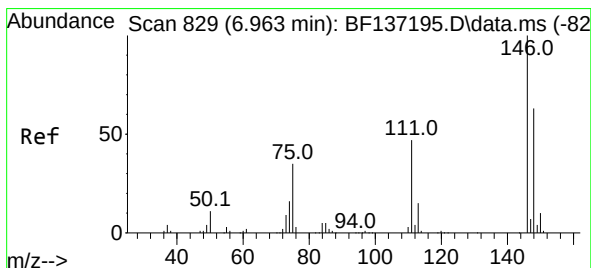
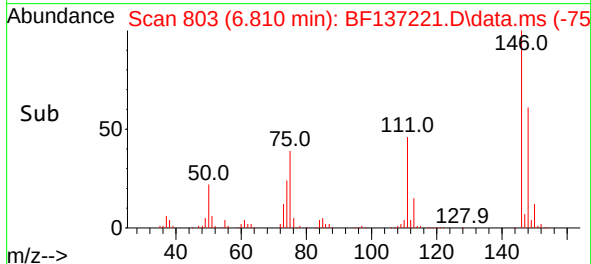
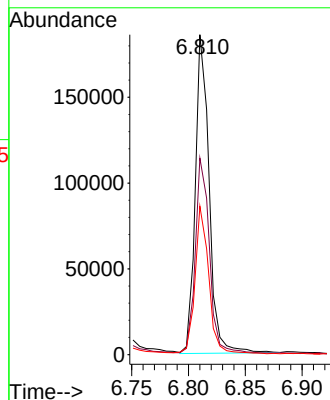
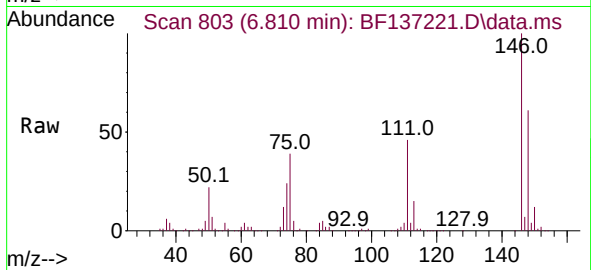
#13
1,4-Dichlorobenzene
Concen: 41.558 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS

Tgt Ion:146 Resp: 156909
Ion Ratio Lower Upper
146 100
148 61.4 51.5 77.3
111 46.4 38.1 57.1

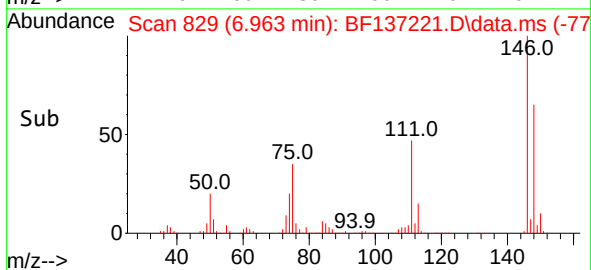
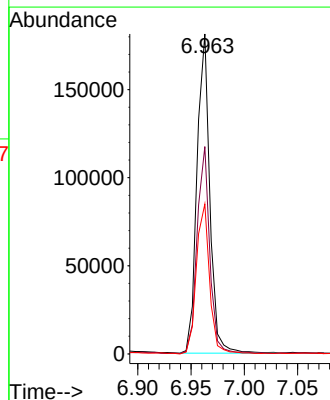
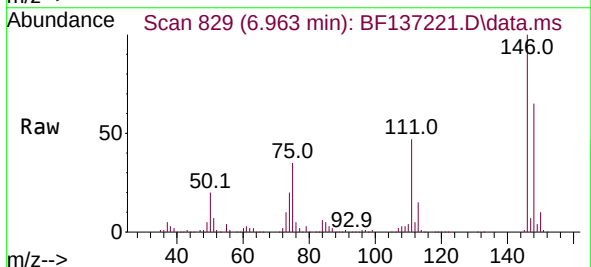
Manual Integrations
APPROVED

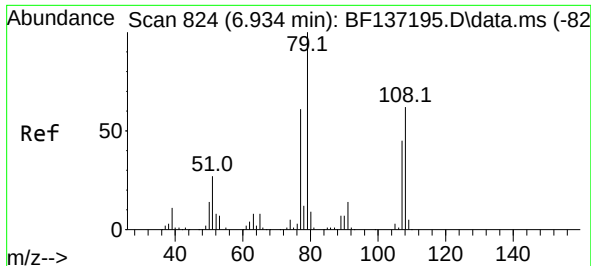
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#14
1,2-Dichlorobenzene
Concen: 42.896 ng
RT: 6.963 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Tgt Ion:146 Resp: 151430
Ion Ratio Lower Upper
146 100
148 64.8 50.6 75.8
111 46.8 37.3 55.9





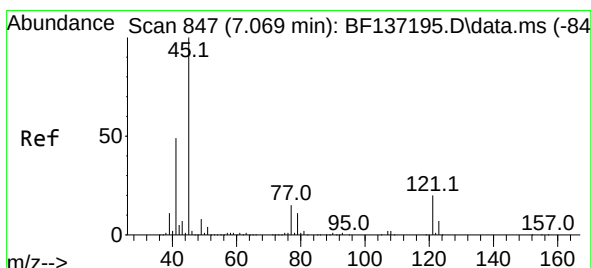
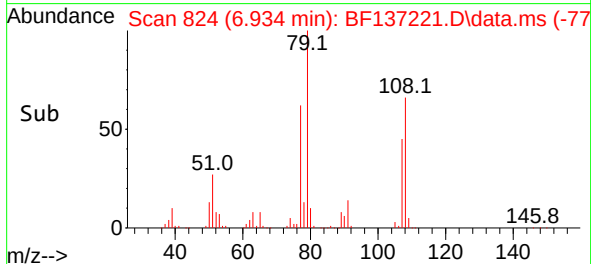
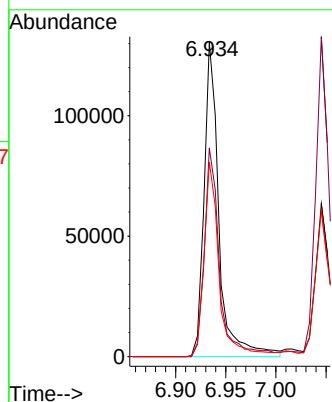
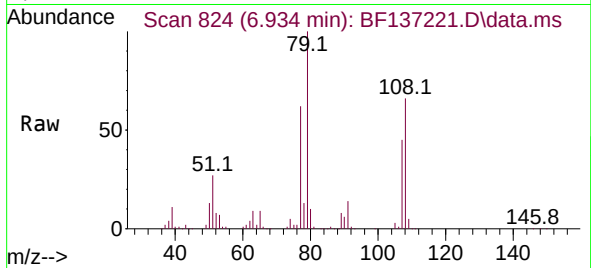
#15
Benzyl Alcohol
Concen: 47.450 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS

Tgt Ion: 79 Resp: 133975
Ion Ratio Lower Upper
79 100
108 66.4 49.3 73.9
77 61.9 48.8 73.2

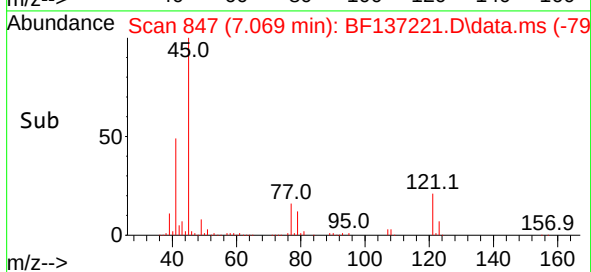
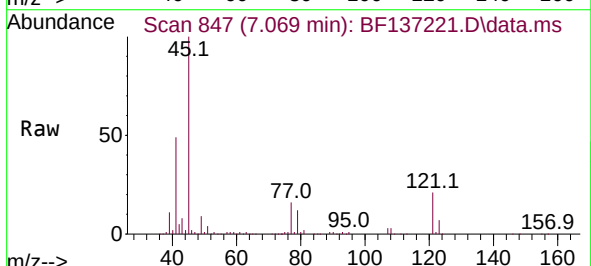
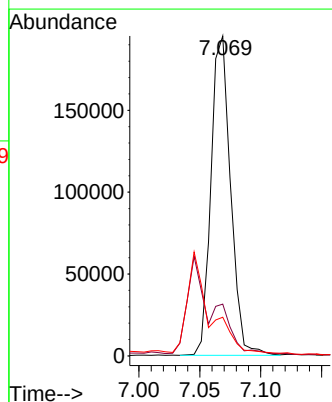
Manual Integrations
APPROVED

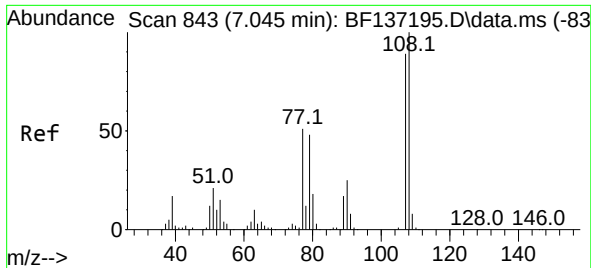
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.973 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Tgt Ion: 45 Resp: 218813
Ion Ratio Lower Upper
45 100
77 16.2 0.0 35.9
79 12.1 0.0 32.4





#17
2-Methylphenol
Concen: 42.724 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

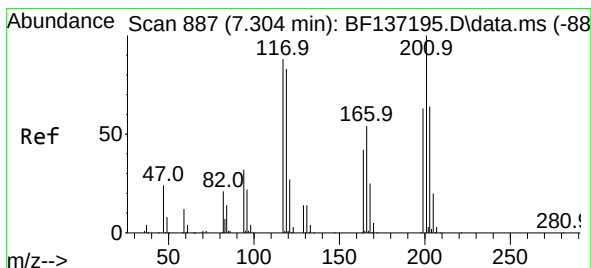
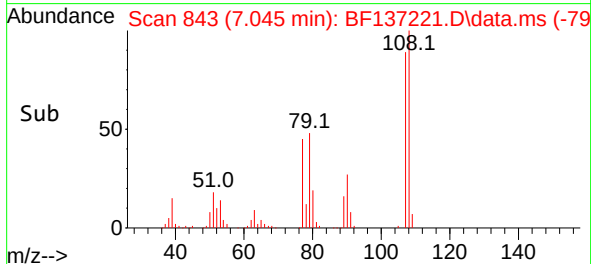
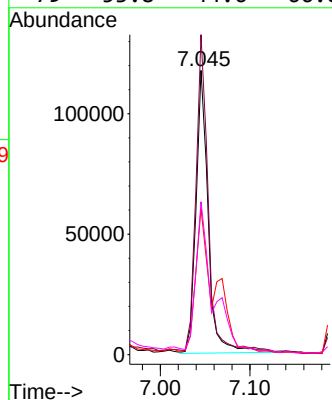
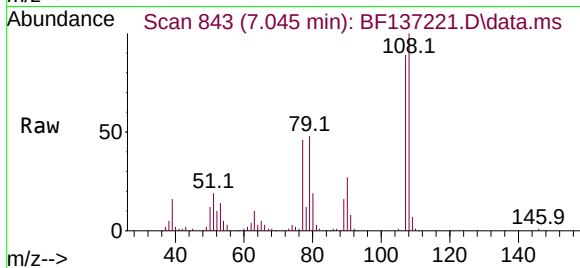
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS

Tgt Ion:107 Resp: 111140

Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.9	134.9
77	51.4	46.6	69.8
79	53.8	44.6	66.8

Manual Integrations
APPROVED

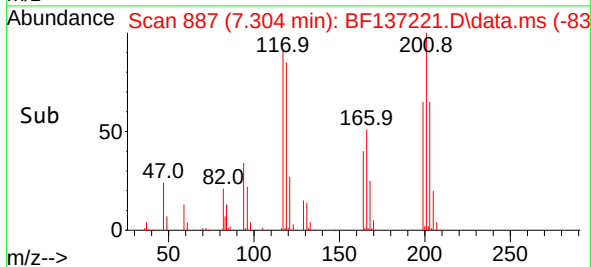
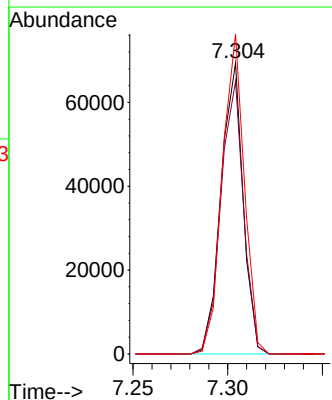
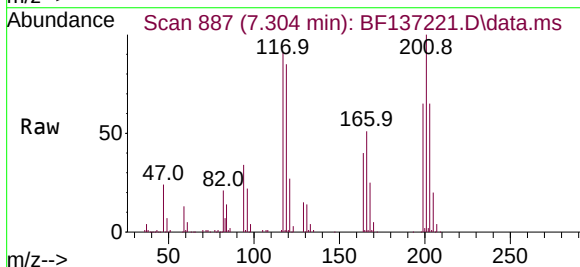
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

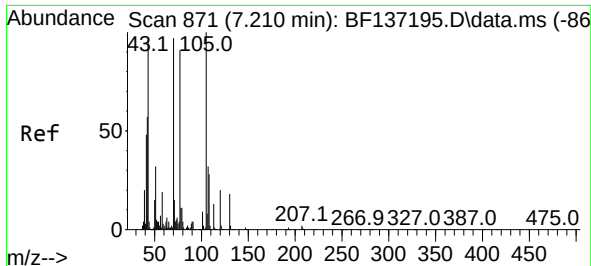


#18
Hexachloroethane
Concen: 41.335 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Tgt Ion:117 Resp: 56287

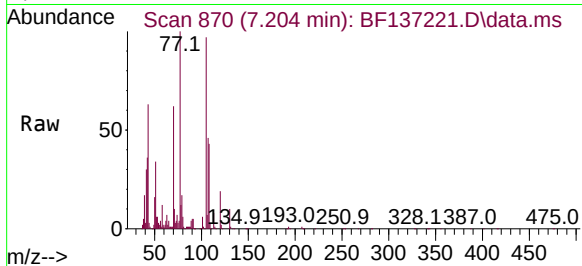
Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.2	114.4
201	110.0	91.4	137.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.259 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

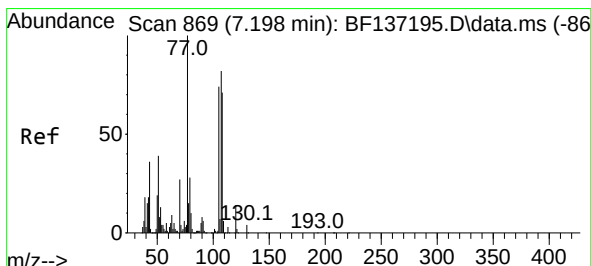
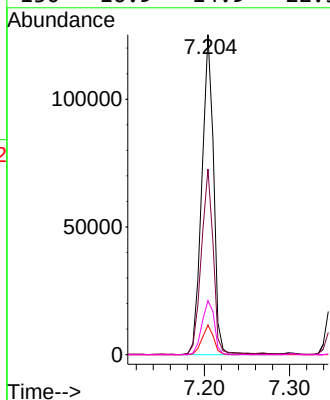
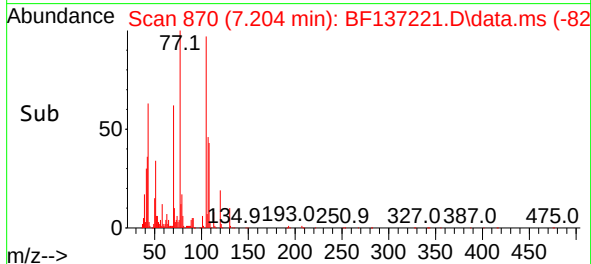
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



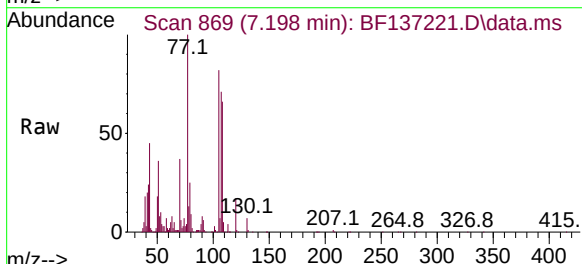
Tgt Ion: 70 Resp: 120602
Ion Ratio Lower Upper
70 100
42 58.0 47.2 70.8
101 9.2 7.4 11.0
130 16.9 14.9 22.3

Manual Integrations
APPROVED

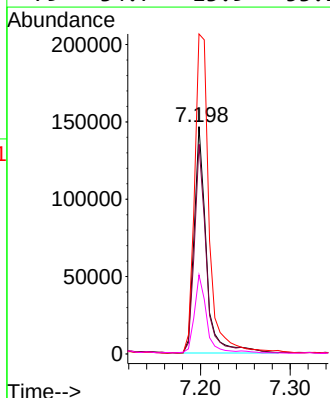
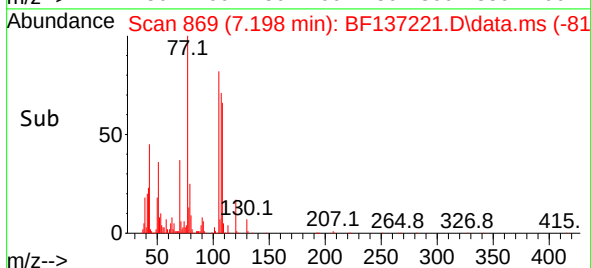
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

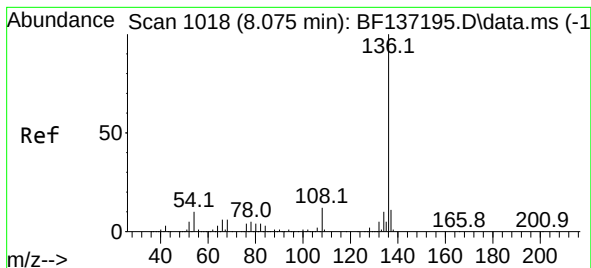


#20
3+4-Methylphenols
Concen: 41.926 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29



Tgt Ion:107 Resp: 138068
Ion Ratio Lower Upper
107 100
108 92.2 66.3 106.3
77 140.8 101.4 141.4
79 34.7 13.9 53.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MS

Tgt Ion:136 Resp: 169542

Ion Ratio Lower Upper

136 100

137 10.1 8.9 13.3

54 10.0 7.8 11.8

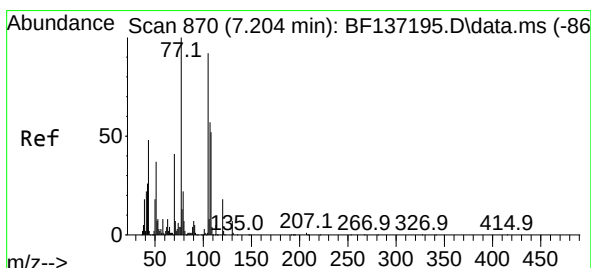
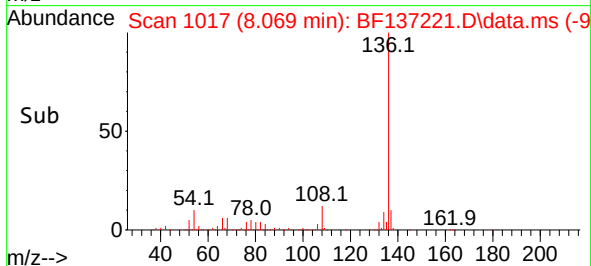
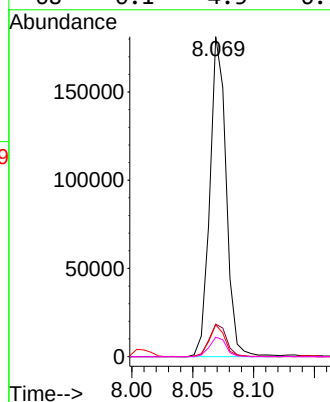
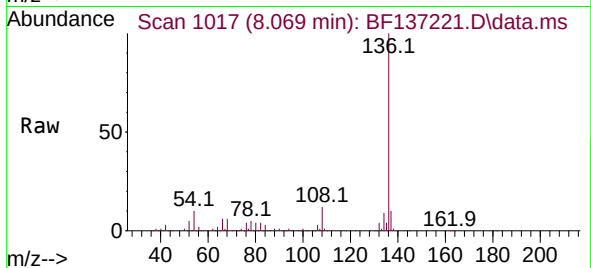
68 6.1 4.5 6.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024

Supervised By :Sohil Jodhani 02/02/2024



#22

Acetophenone

Concen: 45.739 ng

RT: 7.204 min Scan# 870

Delta R.T. 0.000 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Tgt Ion:105 Resp: 208767

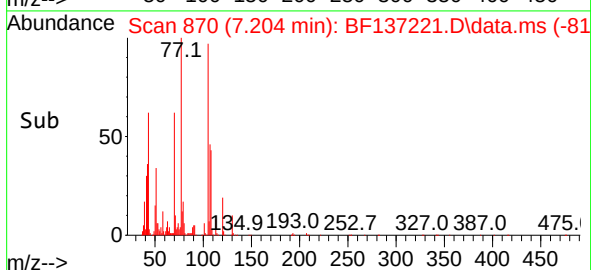
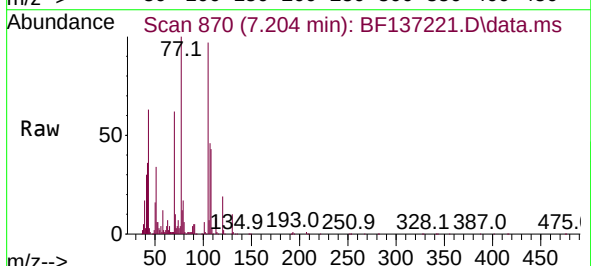
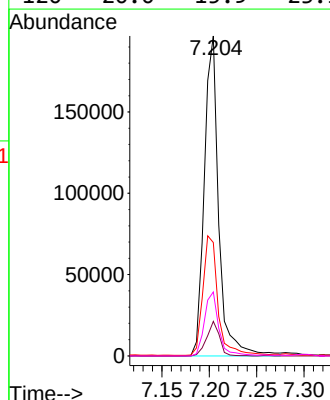
Ion Ratio Lower Upper

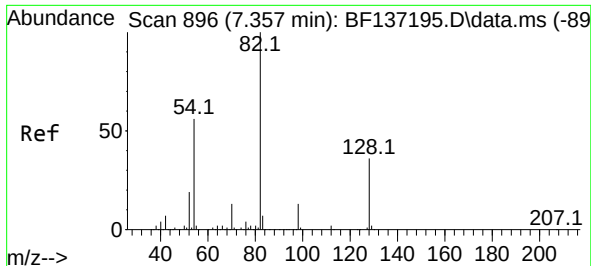
105 100

71 10.8 5.7 8.5#

51 35.4 32.2 48.4

120 20.0 15.9 23.9





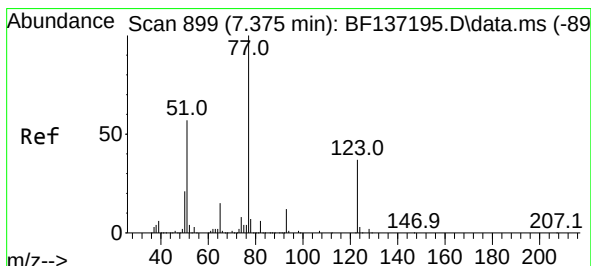
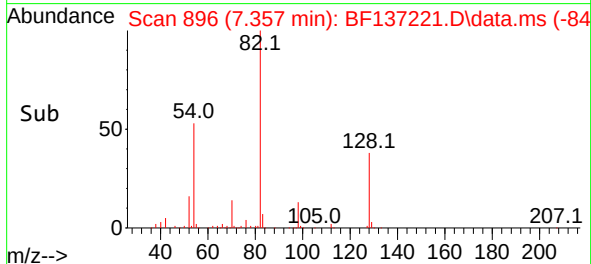
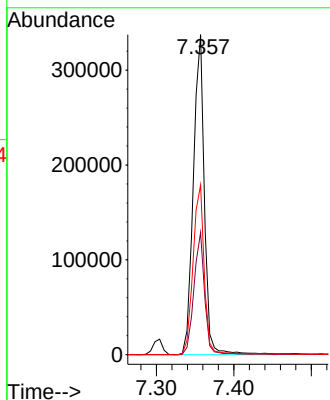
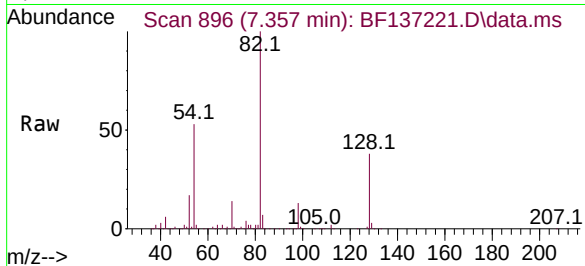
#23
Nitrobenzene-d5
Concen: 88.271 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS

Tgt Ion: 82 Resp: 334266
Ion Ratio Lower Upper
82 100
128 38.2 29.1 43.7
54 53.0 45.0 67.6

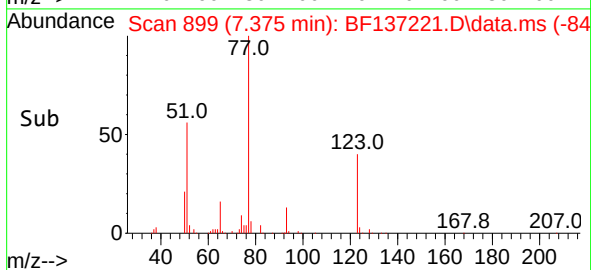
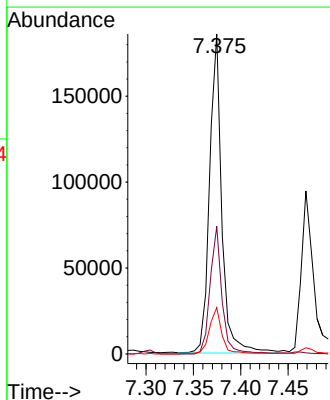
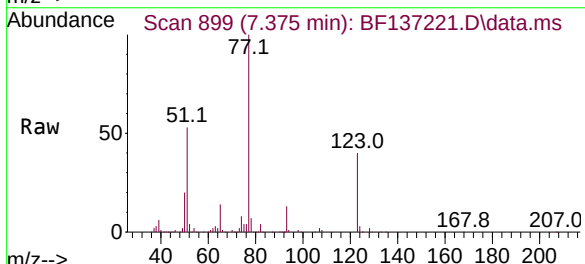
Manual Integrations
APPROVED

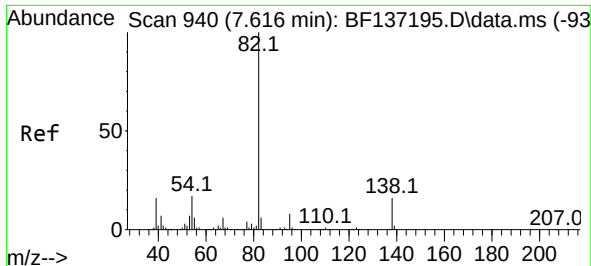
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#24
Nitrobenzene
Concen: 45.625 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

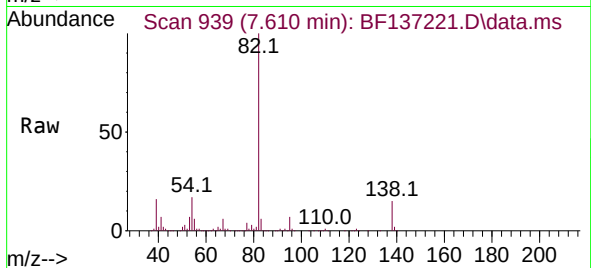
Tgt Ion: 77 Resp: 167692
Ion Ratio Lower Upper
77 100
123 39.9 29.3 43.9
65 14.5 12.0 18.0





#25
Isophorone
Concen: 44.965 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

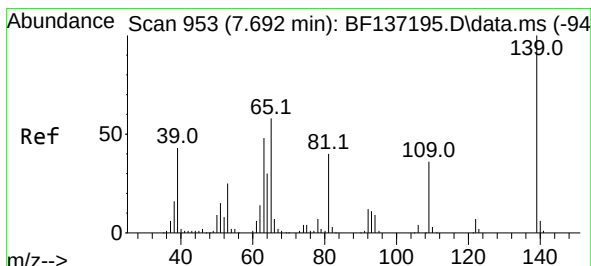
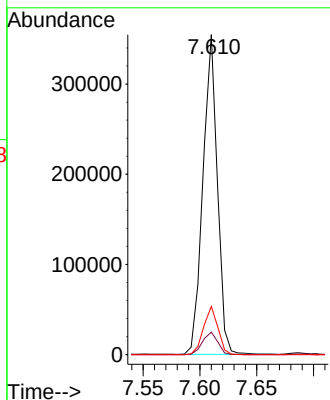
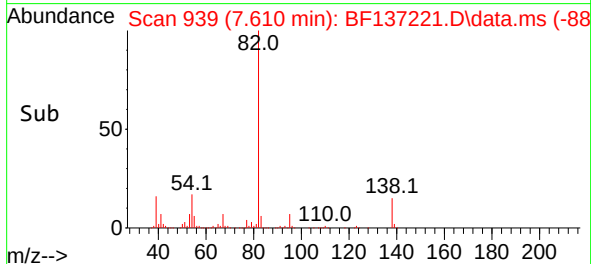
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion: 82 Resp: 314294
Ion Ratio Lower Upper
82 100
95 7.0 6.4 9.6
138 15.0 12.7 19.1

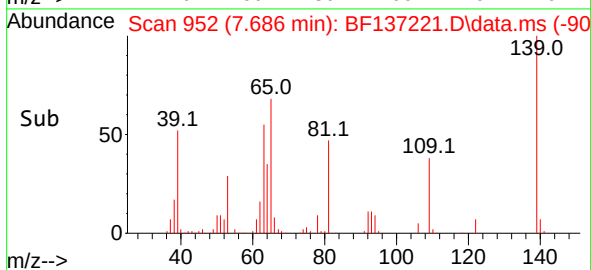
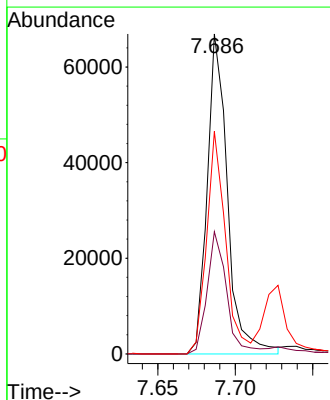
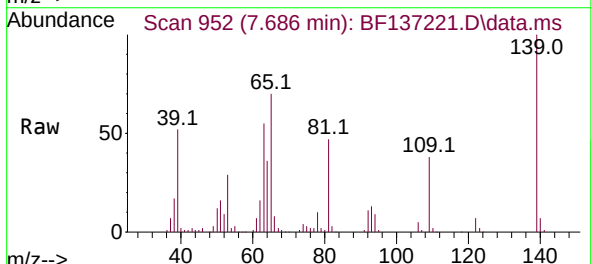
Manual Integrations
APPROVED

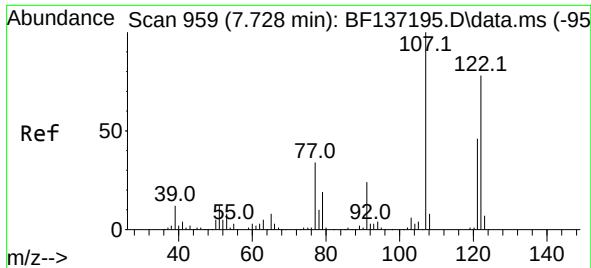
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#26
2-Nitrophenol
Concen: 43.159 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

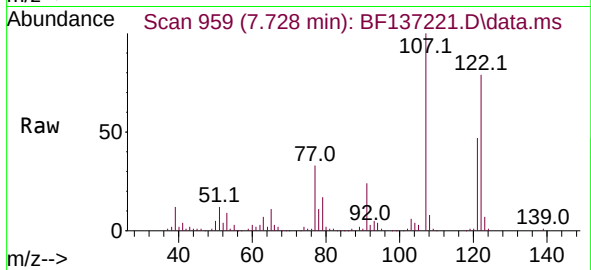
Tgt Ion:139 Resp: 61043
Ion Ratio Lower Upper
139 100
109 38.2 28.5 42.7
65 69.5 46.7 70.1





#27
2,4-Dimethylphenol
Concen: 48.856 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

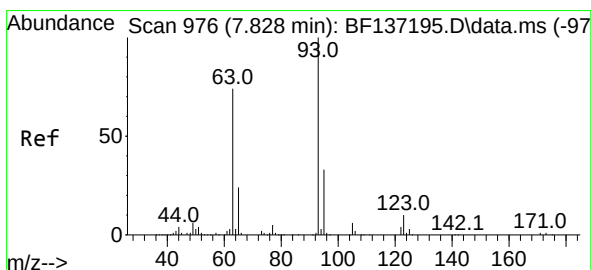
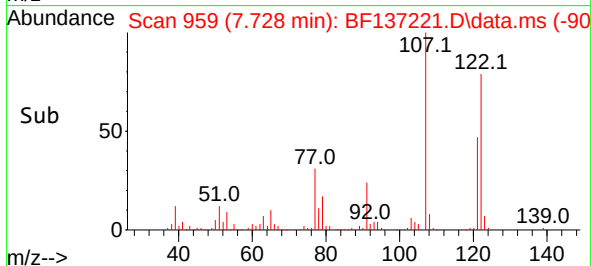
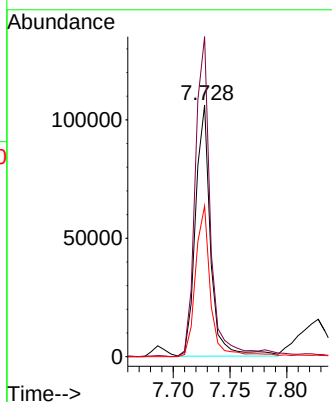
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:122 Resp: 97608
Ion Ratio Lower Upper
122 100
107 127.2 101.8 152.6
121 59.9 46.6 69.8

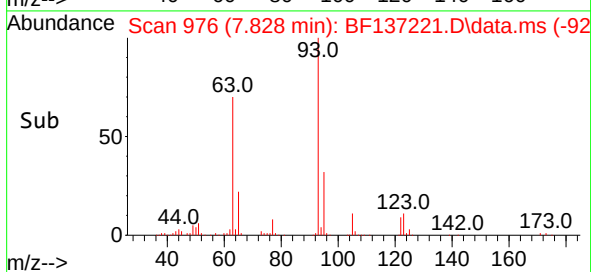
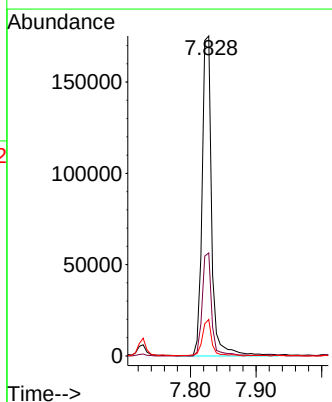
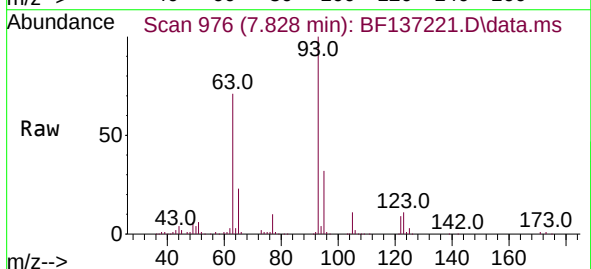
Manual Integrations
APPROVED

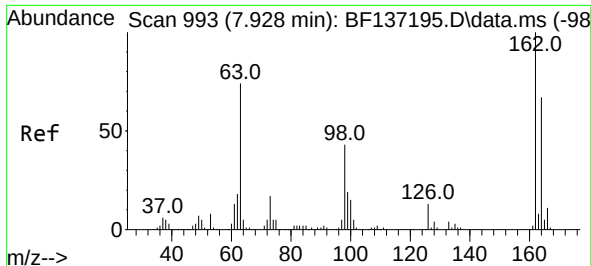
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.545 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Tgt Ion: 93 Resp: 176478
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 11.4 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 47.045 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MS

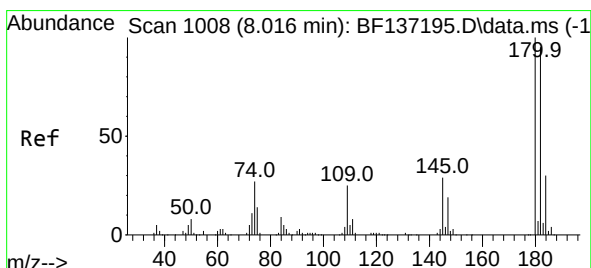
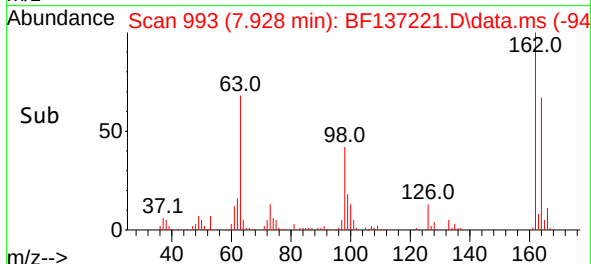
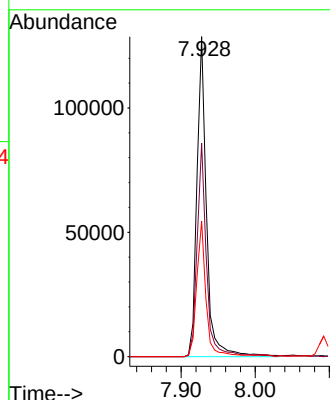
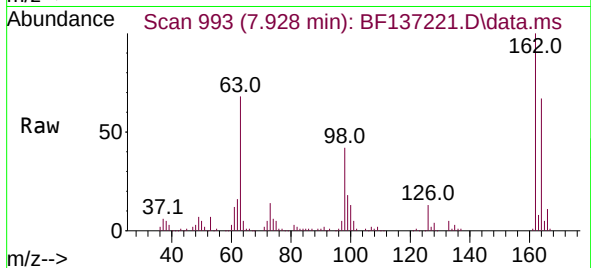
Tgt Ion:162 Resp: 116598

Ion	Ratio	Lower	Upper
162	100		
164	66.7	46.7	86.7
98	42.3	22.9	62.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.210 ng

RT: 8.010 min Scan# 1007

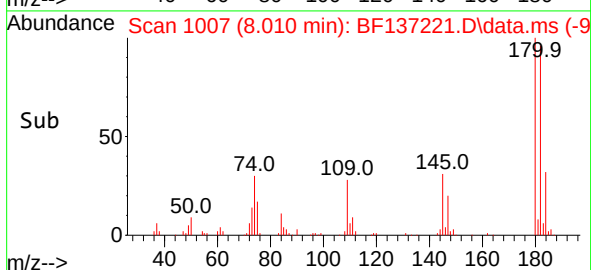
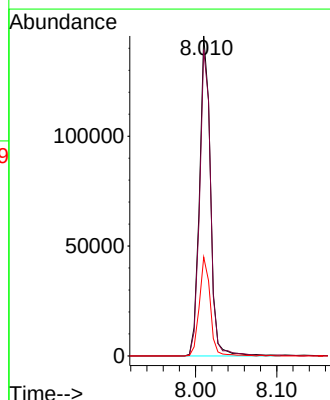
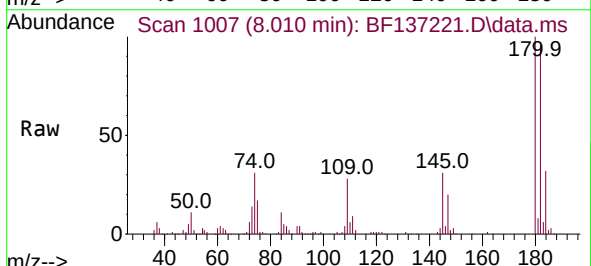
Delta R.T. -0.006 min

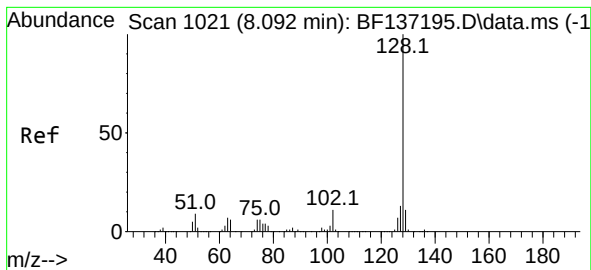
Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Tgt Ion:180 Resp: 136103

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.9	113.9
145	30.9	23.2	34.8





#31

Naphthalene

Concen: 44.333 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MS

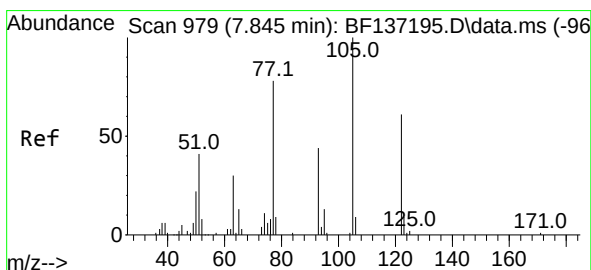
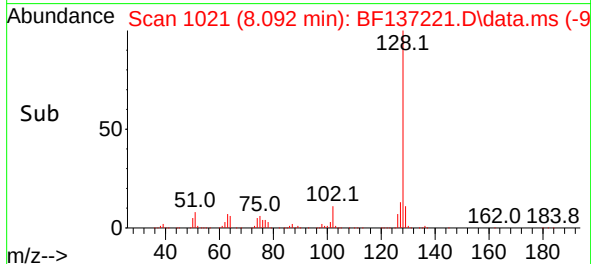
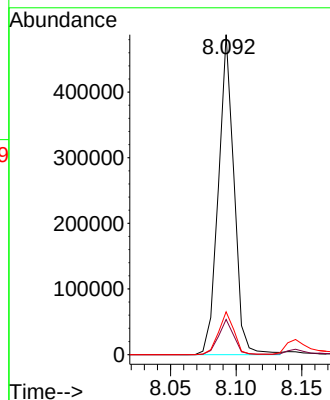
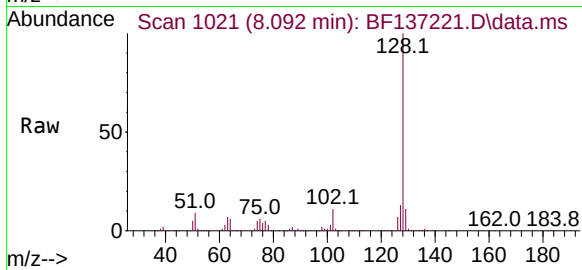
Tgt Ion:128 Resp: 406340

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	13.4	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#32

Benzoic acid

Concen: 25.621 ng

RT: 7.828 min Scan# 976

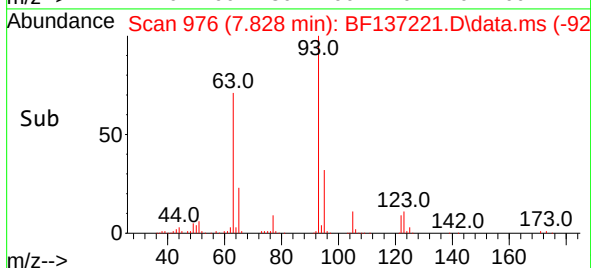
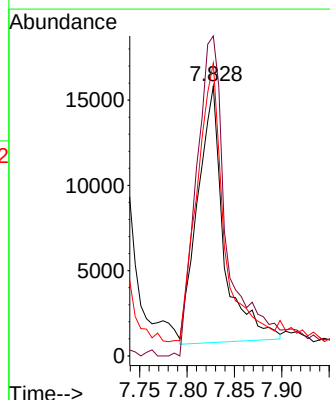
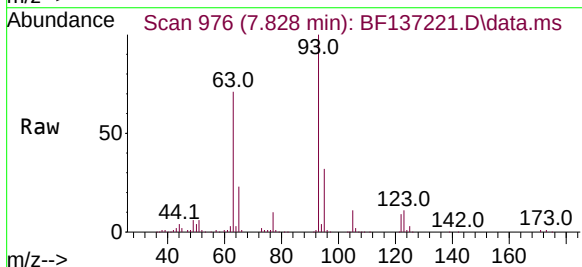
Delta R.T. -0.017 min

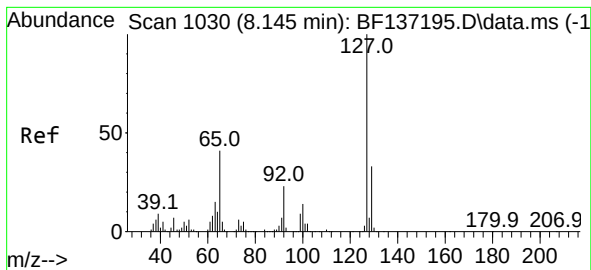
Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Tgt Ion:122 Resp: 29020

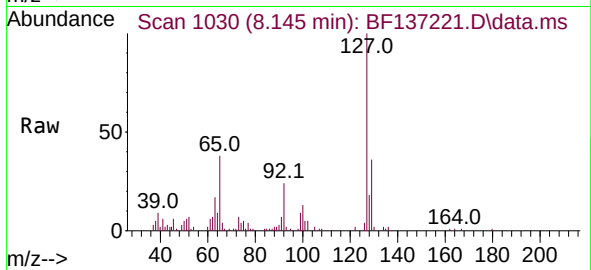
Ion	Ratio	Lower	Upper
122	100		
105	118.7	122.5	162.5#
77	108.5	96.4	136.4





#33
4-Chloroaniline
Concen: 11.500 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

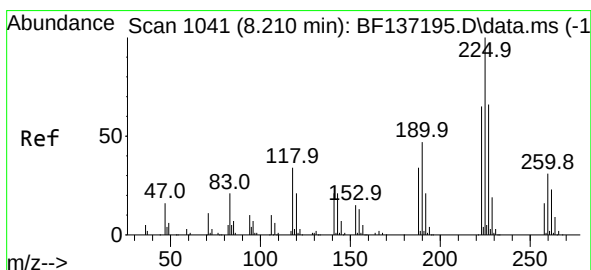
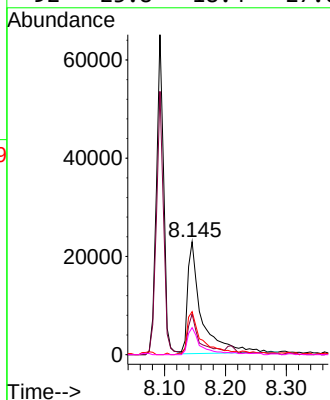
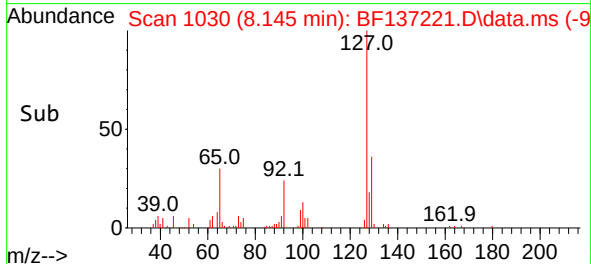
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:127 Resp: 36258
Ion Ratio Lower Upper
127 100
129 35.9 26.8 40.2
65 38.1 32.9 49.3
92 23.8 18.4 27.6

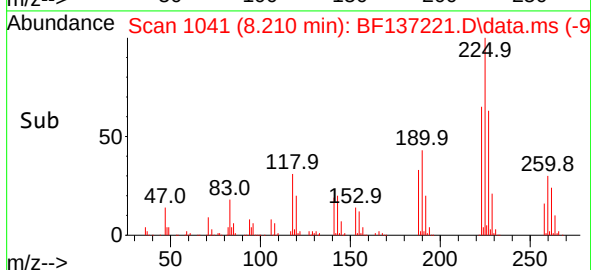
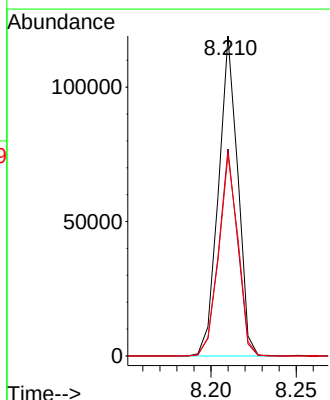
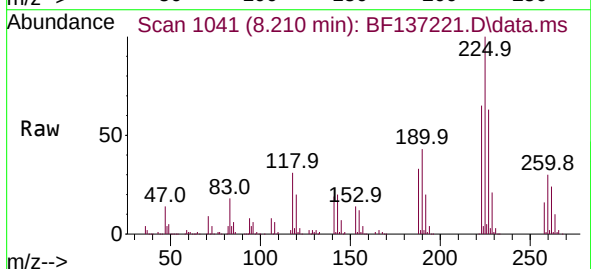
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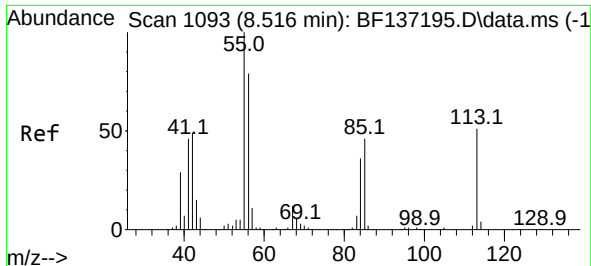
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#34
Hexachlorobutadiene
Concen: 45.611 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

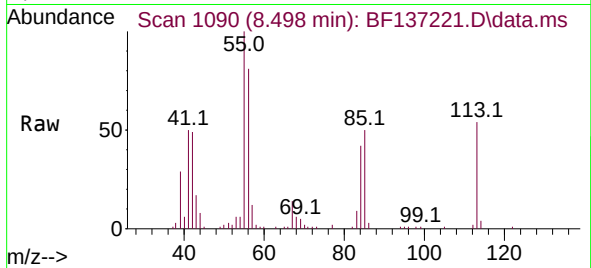
Tgt Ion:225 Resp: 93366
Ion Ratio Lower Upper
225 100
223 64.6 52.0 78.0
227 62.9 52.9 79.3





#35
Caprolactam
Concen: 40.296 ng m
RT: 8.498 min Scan# 1093
Delta R.T. -0.018 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

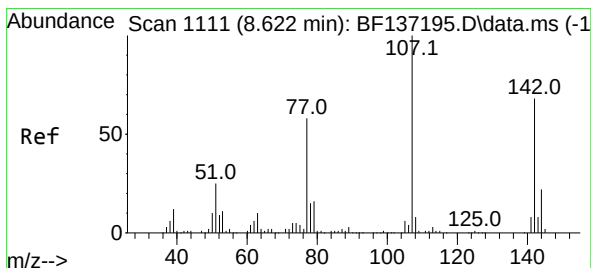
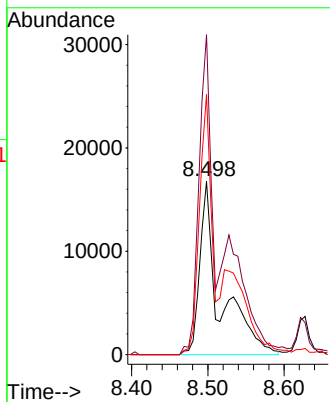
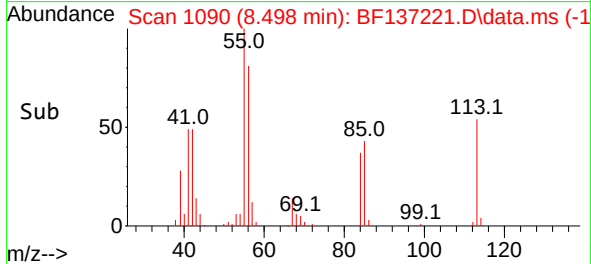
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:113 Resp: 31054
Ion Ratio Lower Upper
113 100
55 184.5 176.0 216.0
56 150.0 134.0 174.0

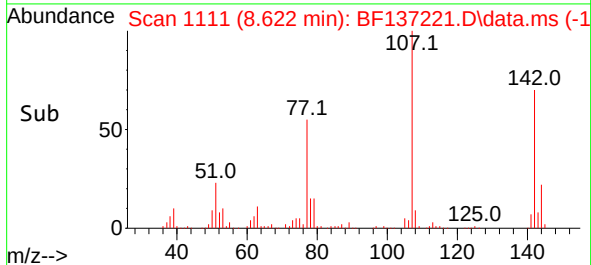
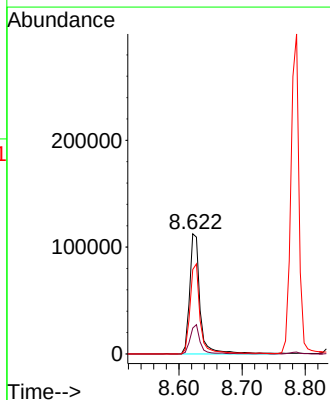
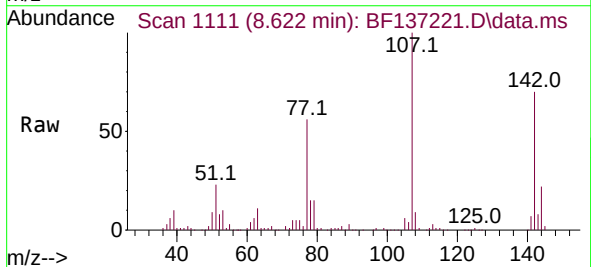
Manual Integrations
APPROVED

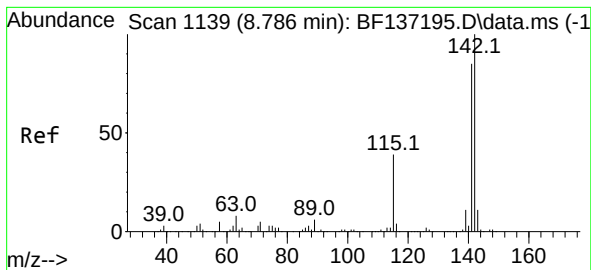
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#36
4-Chloro-3-methylphenol
Concen: 43.877 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

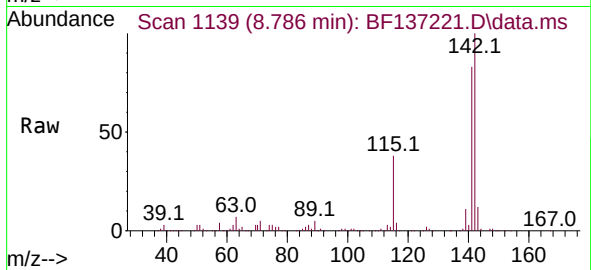
Tgt Ion:107 Resp: 128444
Ion Ratio Lower Upper
107 100
144 21.6 17.2 25.8
142 70.4 54.6 82.0





#37
2-Methylnaphthalene
Concen: 43.799 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

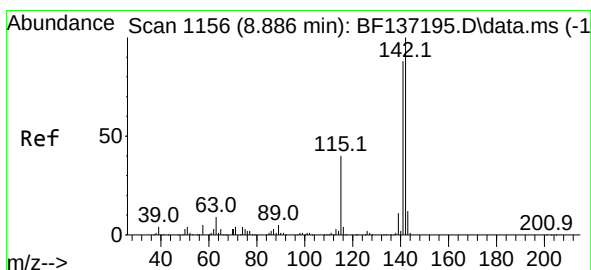
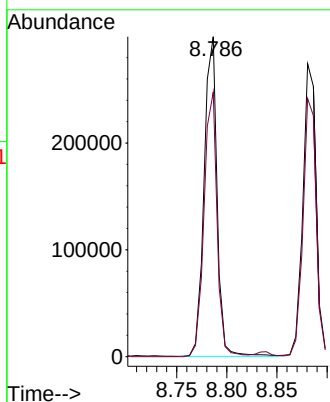
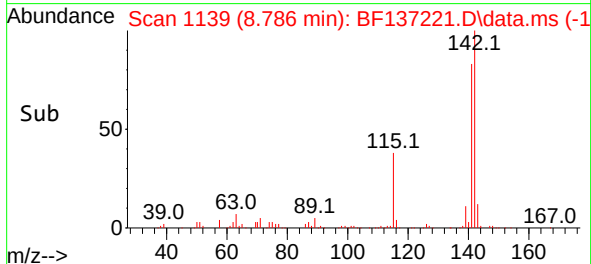
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



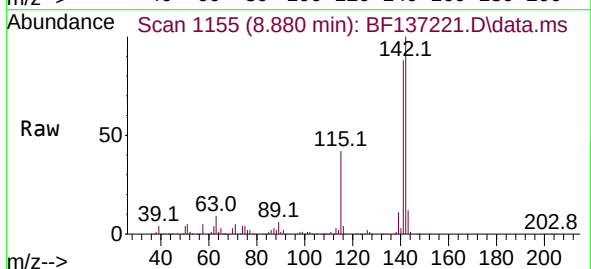
Tgt Ion:142 Resp: 269136
Ion Ratio Lower Upper
142 100
141 82.6 67.8 101.8

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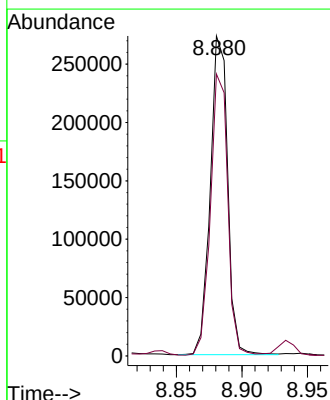
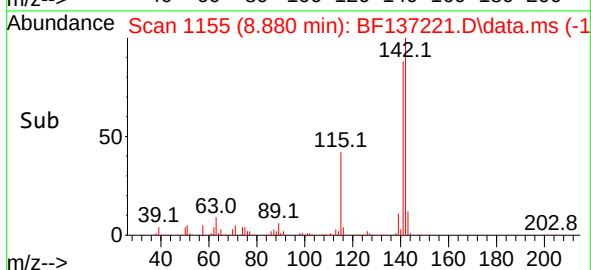
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

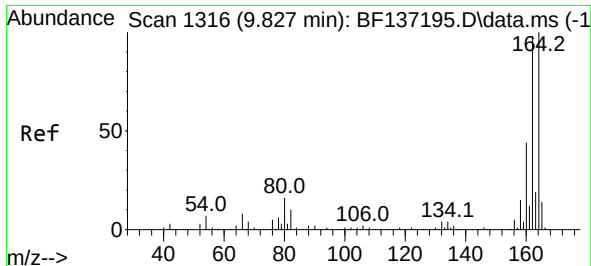


#38
1-Methylnaphthalene
Concen: 44.264 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29



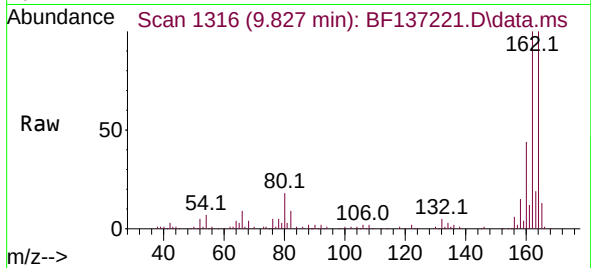
Tgt Ion:142 Resp: 252630
Ion Ratio Lower Upper
142 100
141 88.1 70.6 105.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

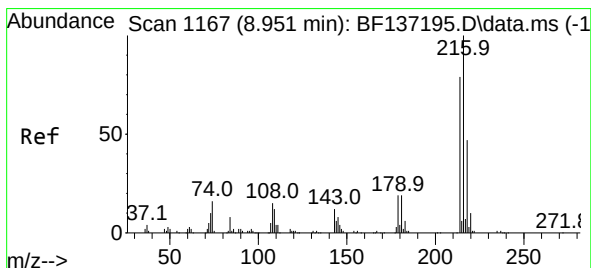
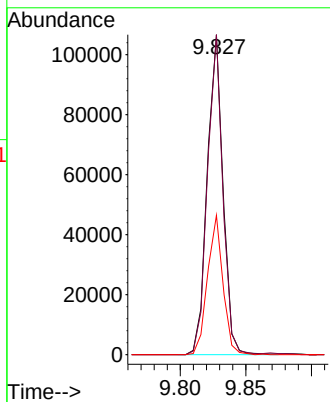
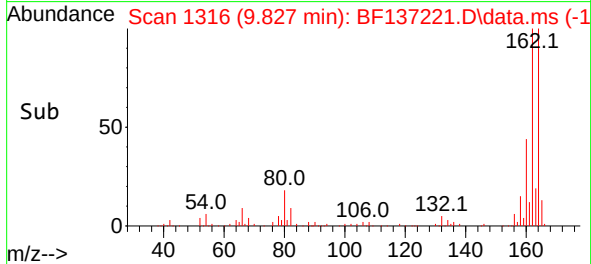
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



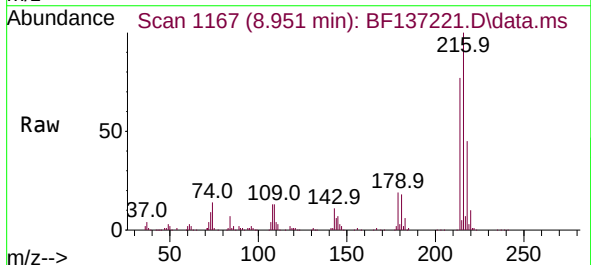
Tgt Ion:164 Resp: 88794
Ion Ratio Lower Upper
164 100
162 100.1 78.3 117.5
160 43.6 35.4 53.2

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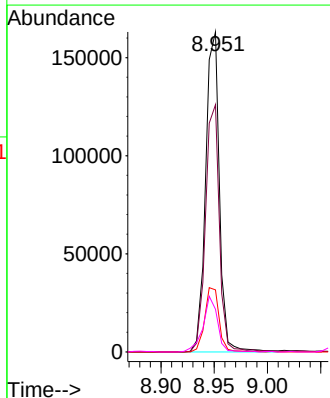
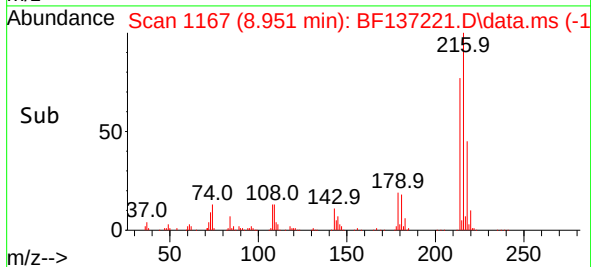
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

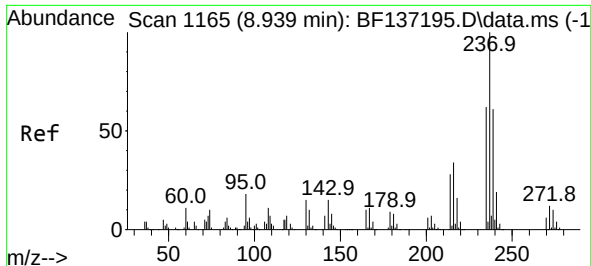


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.312 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29



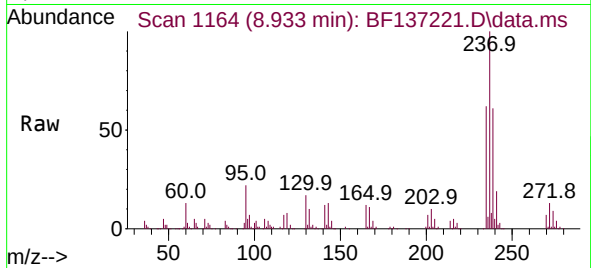
Tgt Ion:216 Resp: 146511
Ion Ratio Lower Upper
216 100
214 78.0 63.9 95.9
179 20.9 16.2 24.2
108 18.2 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 69.276 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

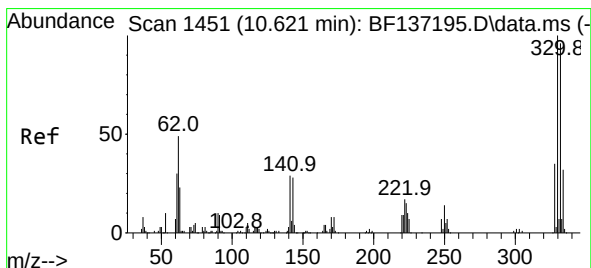
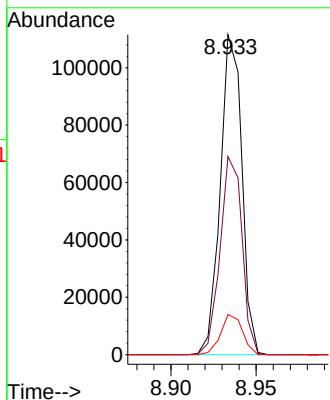
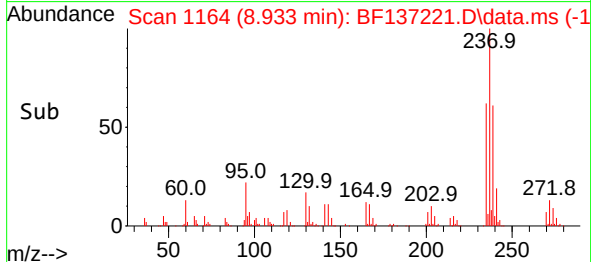
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



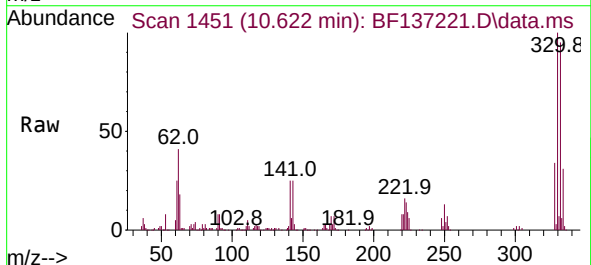
Tgt Ion: 237 Resp: 98033
Ion Ratio Lower Upper
237 100
235 61.9 41.6 81.6
272 12.5 0.0 32.4

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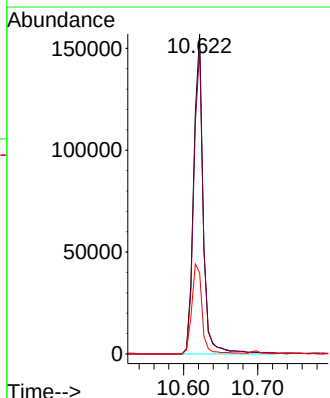
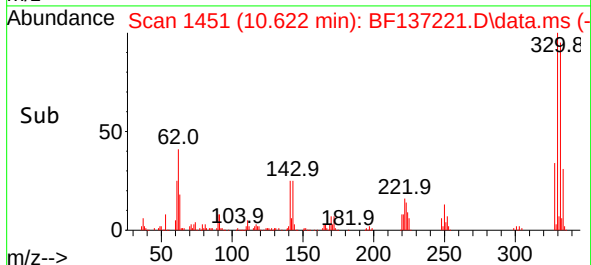
Reviewed By : Jagrut Upadhyay 02/01/2024
Supervised By : Sohil Jodhani 02/02/2024

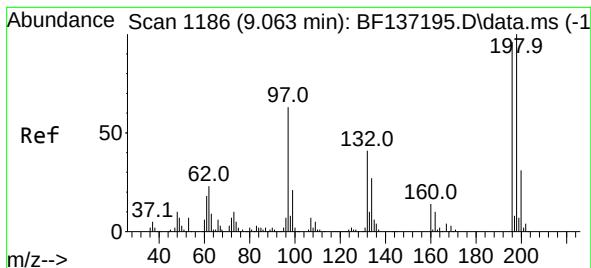


#42
2,4,6-Tribromophenol
Concen: 139.725 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29



Tgt Ion: 330 Resp: 140116
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 30.3 25.2 37.8





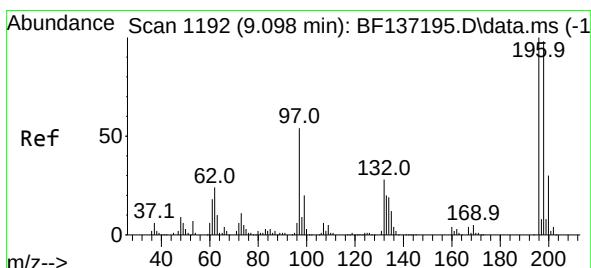
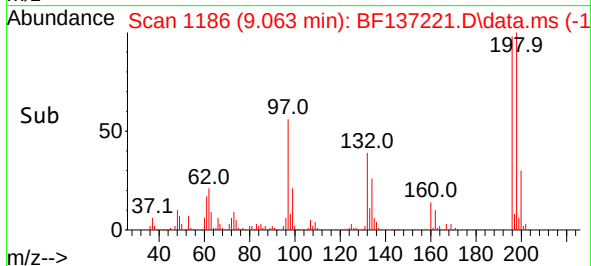
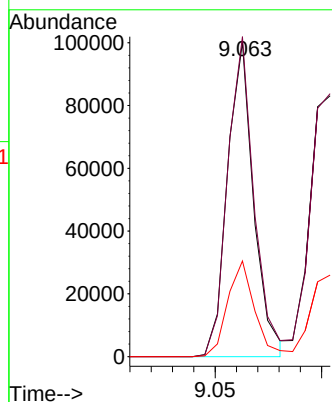
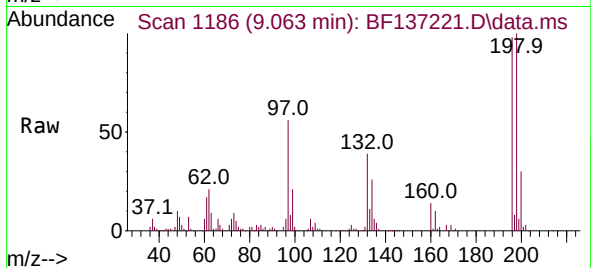
#43
2,4,6-Trichlorophenol
Concen: 50.934 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS

Tgt Ion:196 Resp: 85835
Ion Ratio Lower Upper
196 100
198 101.8 83.0 124.6
200 30.4 25.9 38.9

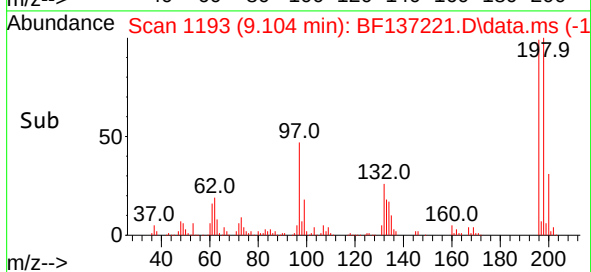
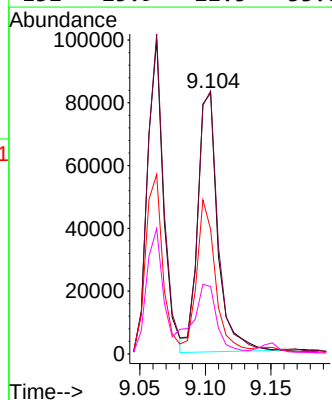
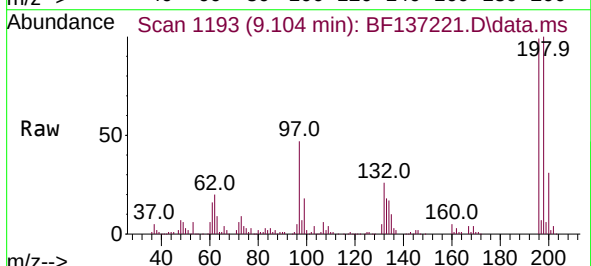
Manual Integrations
APPROVED

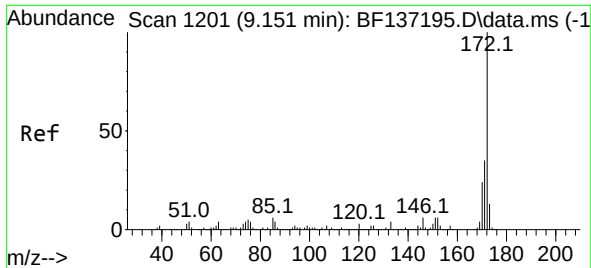
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#44
2,4,5-Trichlorophenol
Concen: 47.775 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

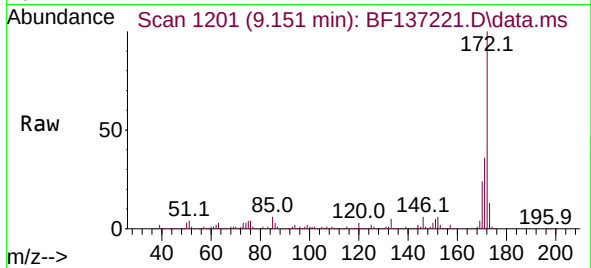
Tgt Ion:196 Resp: 88003
Ion Ratio Lower Upper
196 100
198 100.8 78.2 117.4
97 47.8 44.2 66.2
132 25.9 22.5 33.7





#45
2-Fluorobiphenyl
Concen: 93.699 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

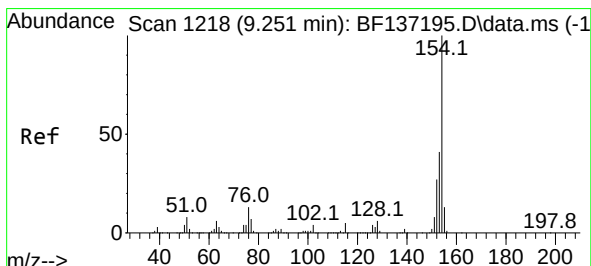
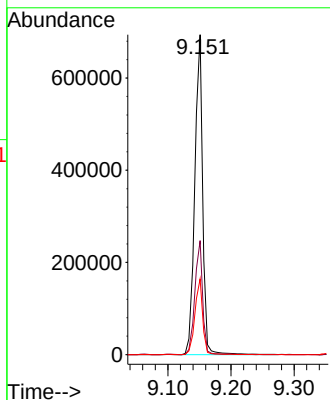
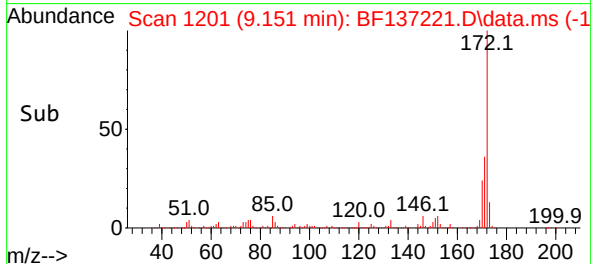
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



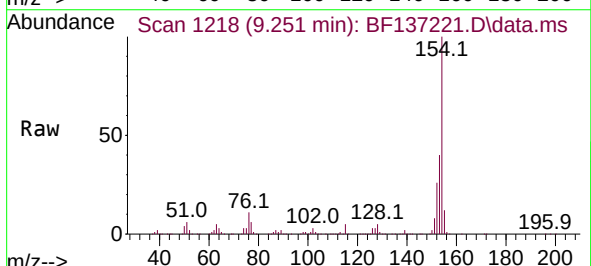
Tgt Ion:172 Resp: 605227
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.7 19.1 28.7

Manual Integrations
APPROVED

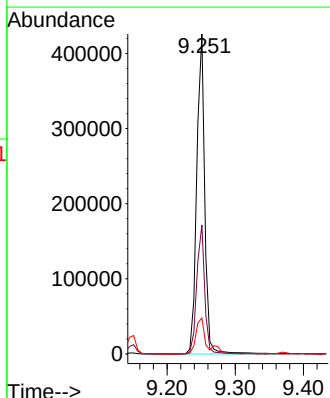
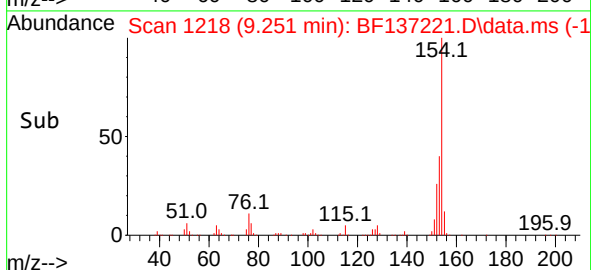
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

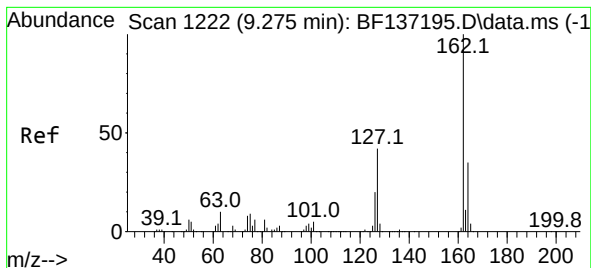


#46
1,1'-Biphenyl
Concen: 49.320 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29



Tgt Ion:154 Resp: 348433
Ion Ratio Lower Upper
154 100
153 40.3 21.2 61.2
76 11.2 0.0 33.0





#47

2-Chloronaphthalene

Concen: 48.115 ng

RT: 9.275 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MS

Tgt Ion:162 Resp: 251558

Ion Ratio Lower Upper

162 100

127 42.4 34.1 51.1

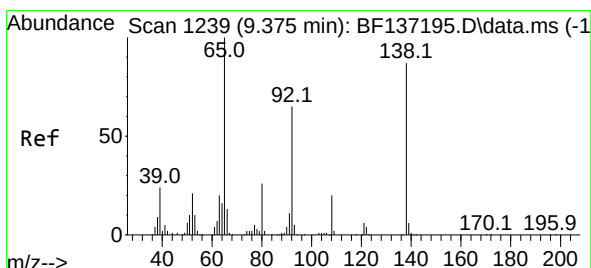
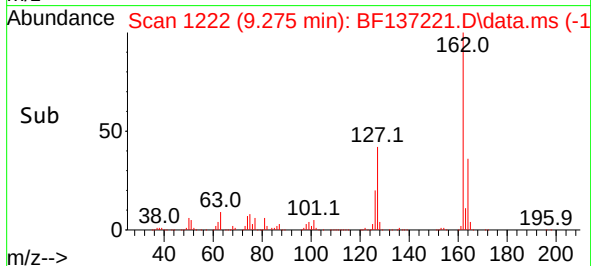
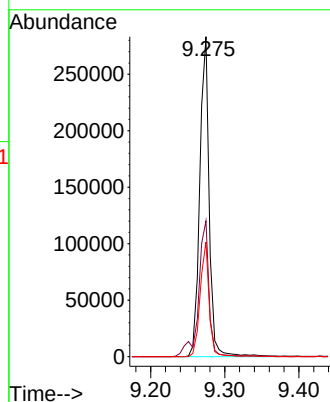
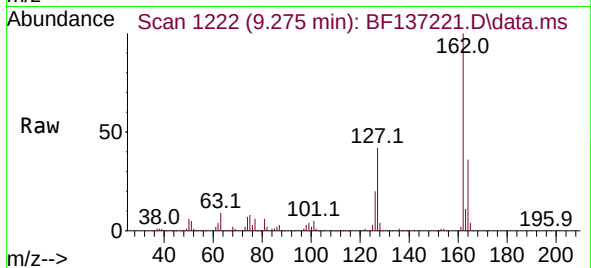
164 35.8 27.9 41.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024

Supervised By :Sohil Jodhani 02/02/2024



#48

2-Nitroaniline

Concen: 51.779 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

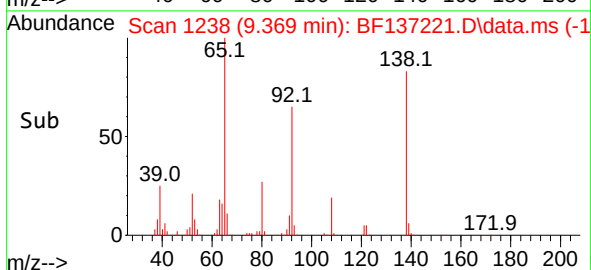
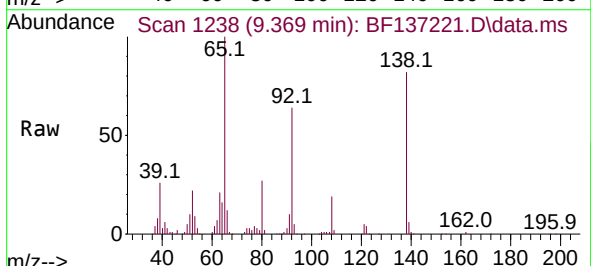
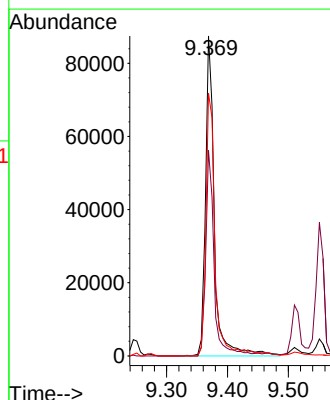
Tgt Ion: 65 Resp: 87621

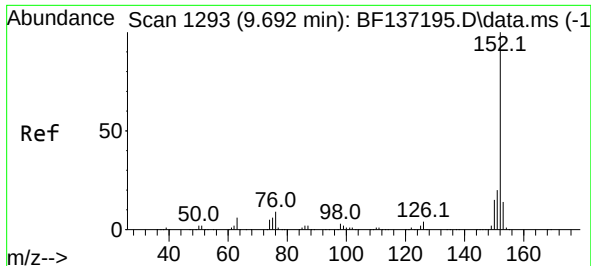
Ion Ratio Lower Upper

65 100

92 64.2 51.7 77.5

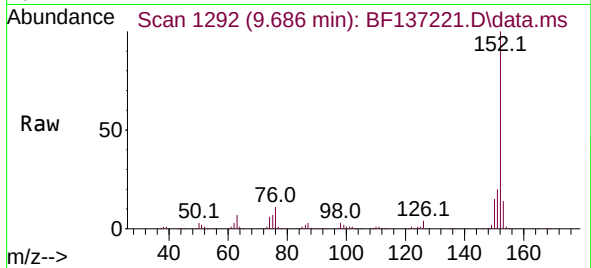
138 82.0 69.7 104.5





#49
Acenaphthylene
Concen: 47.723 ng
RT: 9.686 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

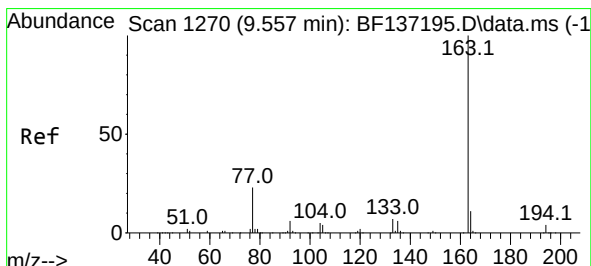
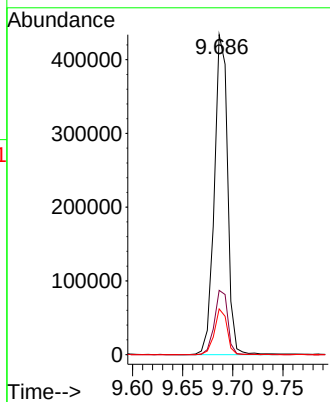
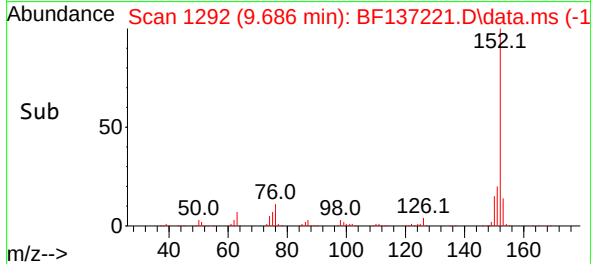
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



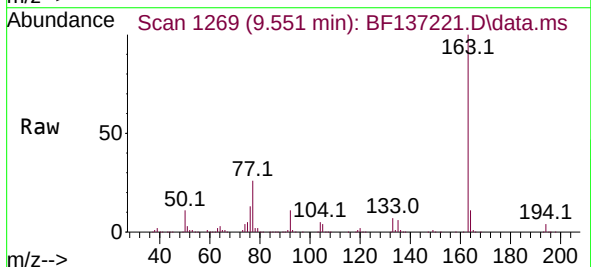
Tgt Ion:152 Resp: 399443
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 14.3 11.2 16.8

Manual Integrations
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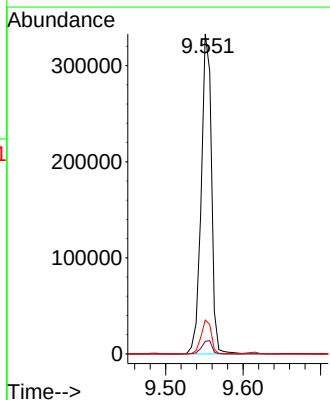
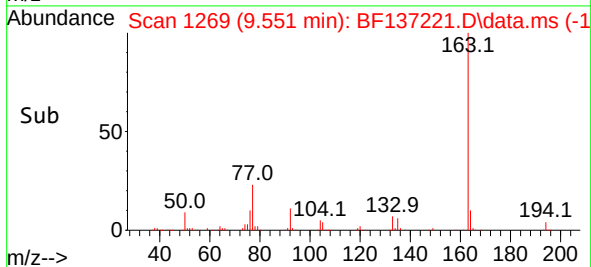
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

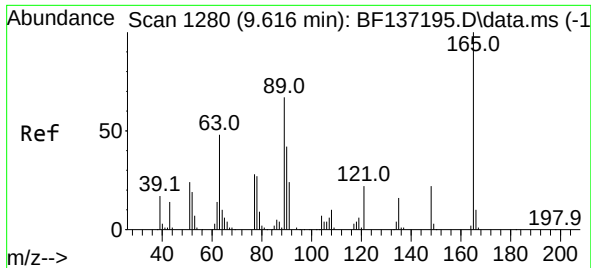


#50
Dimethylphthalate
Concen: 51.127 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29



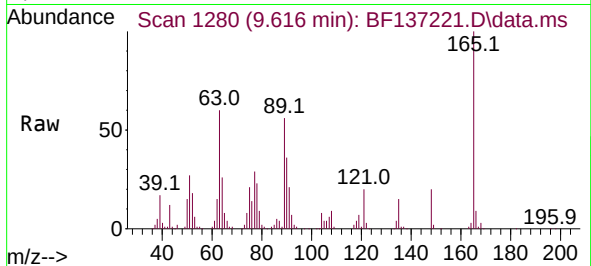
Tgt Ion:163 Resp: 306693
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.6 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 51.065 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

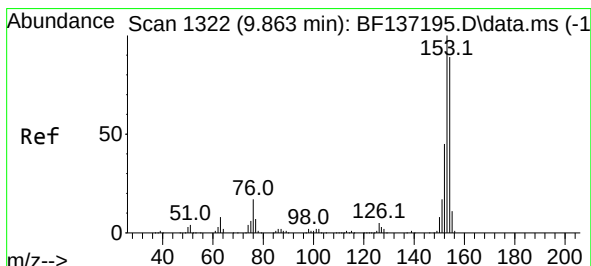
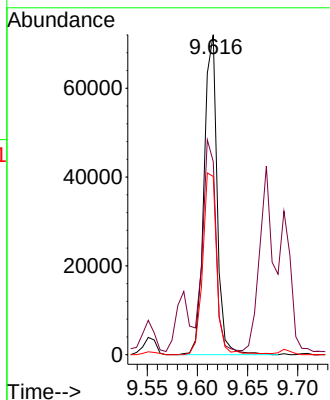
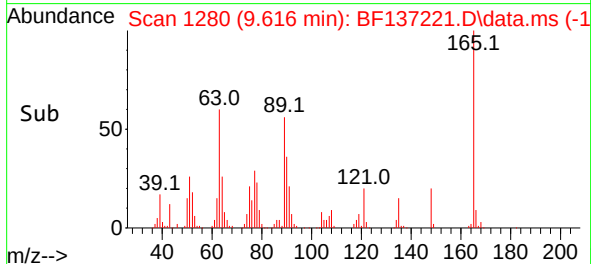
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



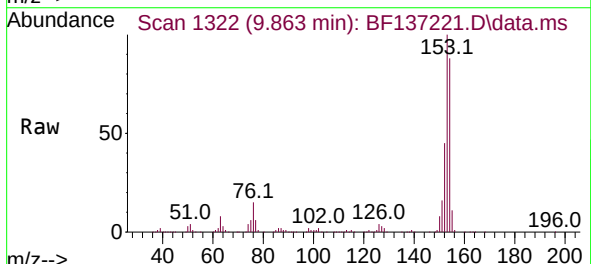
Tgt Ion:165 Resp: 65320
Ion Ratio Lower Upper
165 100
63 60.3 55.1 82.7
89 55.7 53.5 80.3

Manual Integrations
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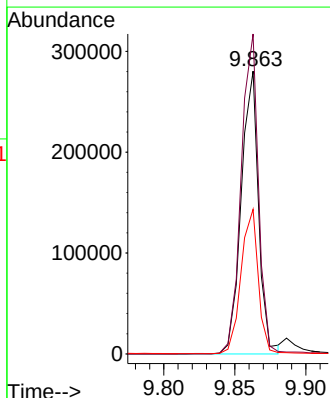
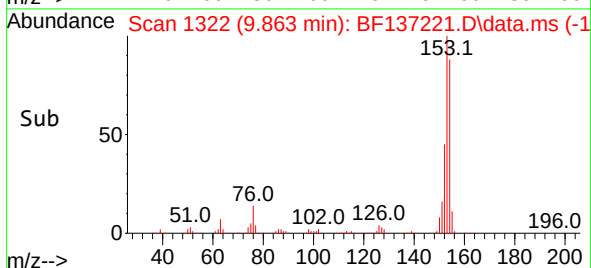
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

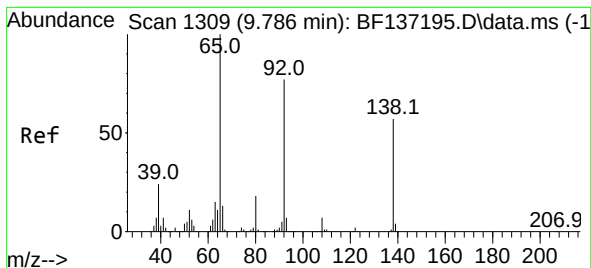


#52
Acenaphthene
Concen: 48.183 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29



Tgt Ion:154 Resp: 237026
Ion Ratio Lower Upper
154 100
153 113.2 90.2 135.4
152 51.1 40.6 60.8





#53

3-Nitroaniline

Concen: 21.025 ng

RT: 9.780 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MS

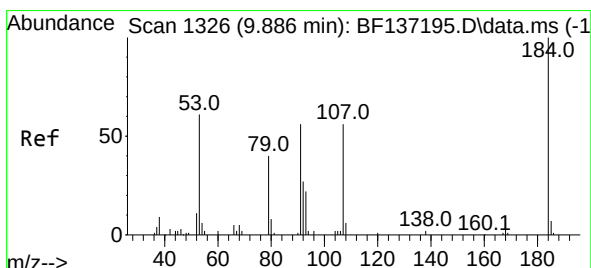
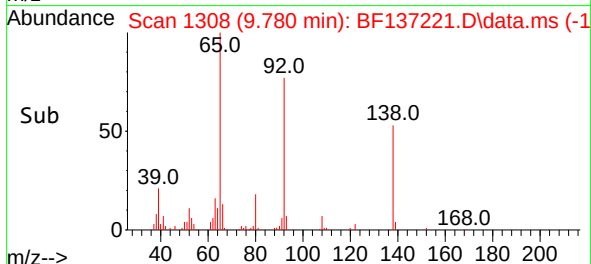
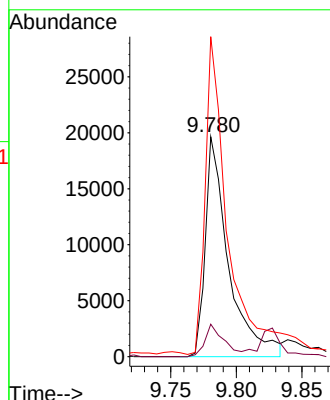
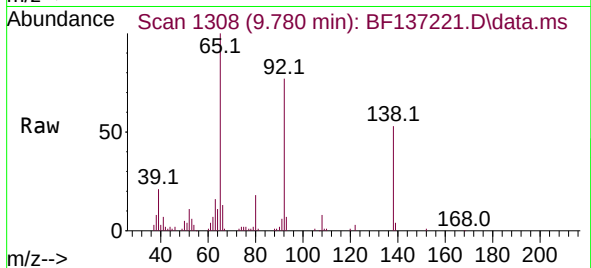
Tgt Ion:138 Resp: 24203

Ion	Ratio	Lower	Upper
138	100		
108	14.8	10.4	15.6
92	145.6	108.6	162.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#54

2,4-Dinitrophenol

Concen: 38.484 ng

RT: 9.886 min Scan# 1326

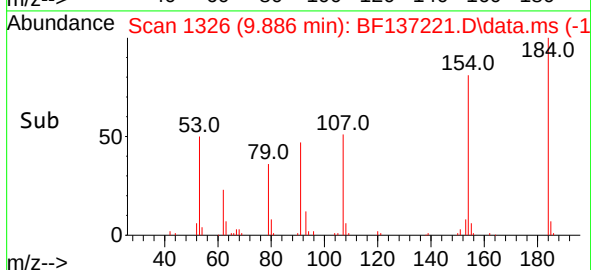
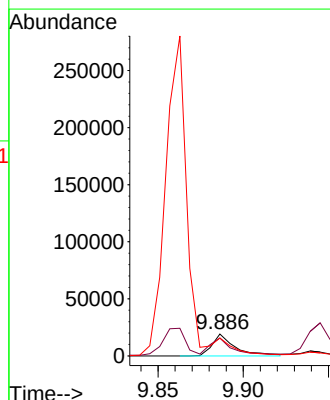
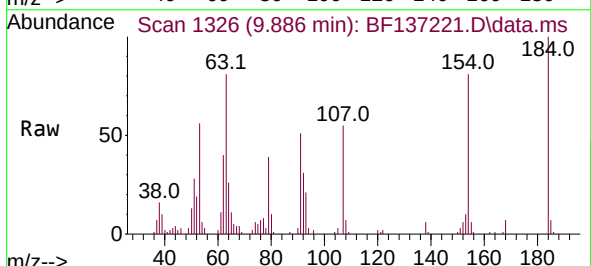
Delta R.T. 0.000 min

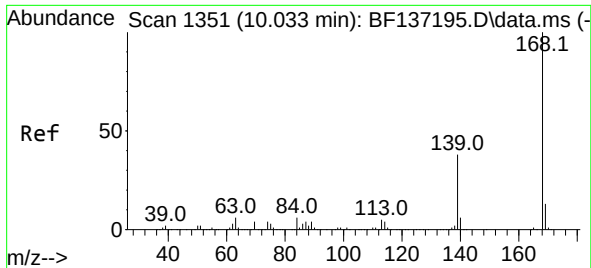
Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Tgt Ion:184 Resp: 17926

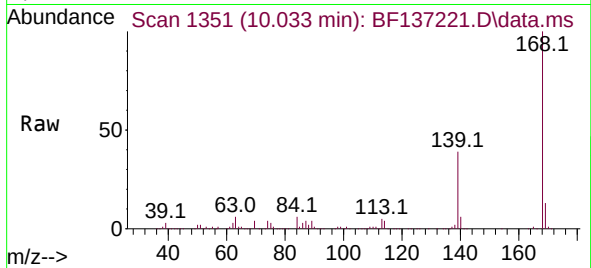
Ion	Ratio	Lower	Upper
184	100		
63	81.2	71.2	106.8
154	81.3	64.9	97.3





#55
Dibenzofuran
Concen: 47.486 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

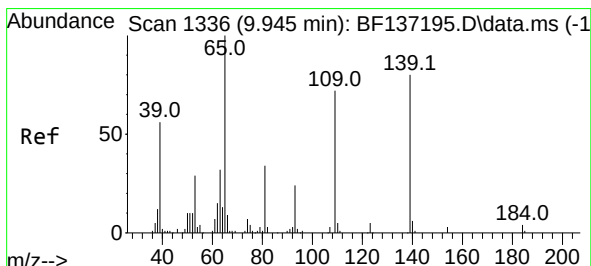
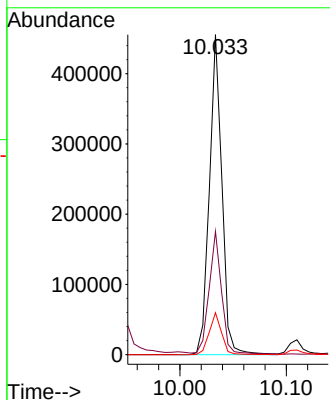
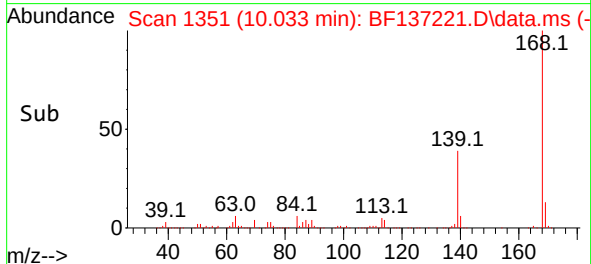
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



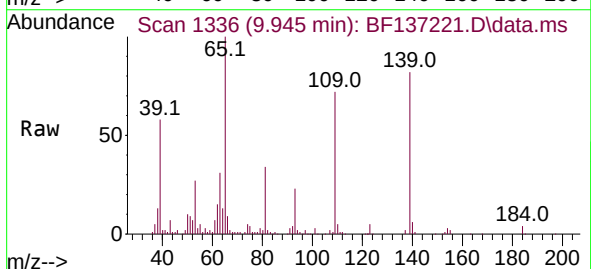
Tgt Ion:168 Resp: 371640
Ion Ratio Lower Upper
168 100
139 38.5 31.1 46.7
169 13.1 10.6 16.0

Manual Integrations
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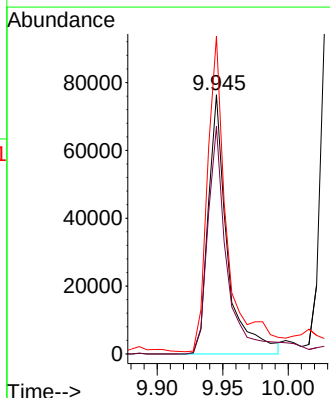
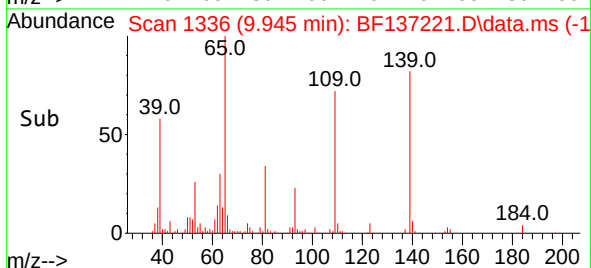
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

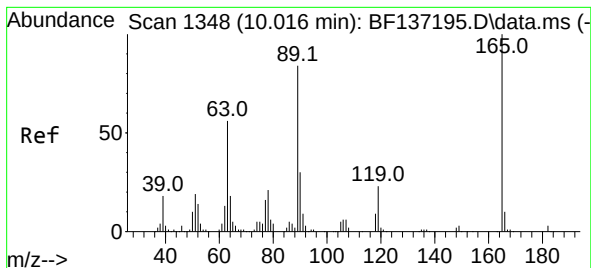


#56
4-Nitrophenol
Concen: 91.807 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29



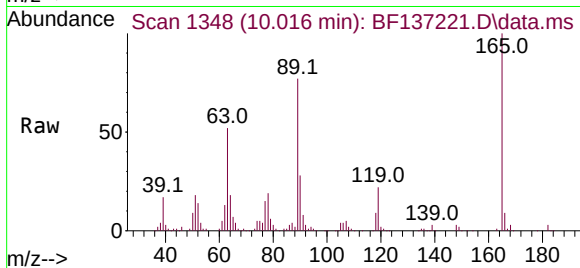
Tgt Ion:139 Resp: 77214
Ion Ratio Lower Upper
139 100
109 87.7 70.4 110.4
65 122.5 107.6 147.6





#57
2,4-Dinitrotoluene
Concen: 50.920 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

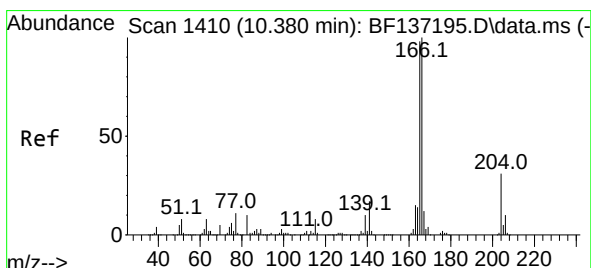
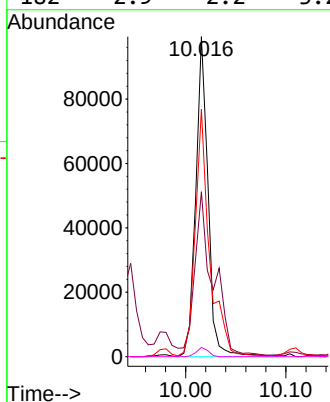
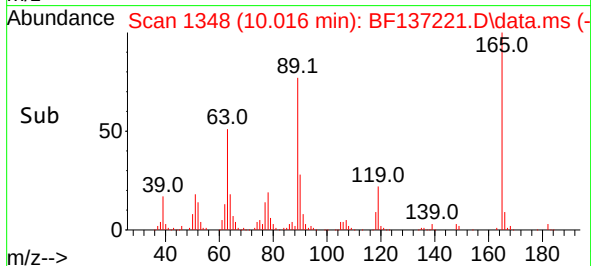
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



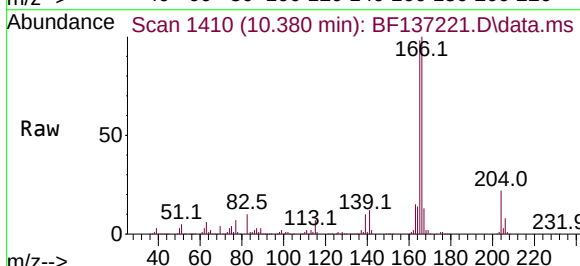
Tgt Ion:165 Resp: 84515
Ion Ratio Lower Upper
165 100
63 51.5 46.1 69.1
89 77.3 67.5 101.3
182 2.9 2.2 3.2

Manual Integrations
APPROVED

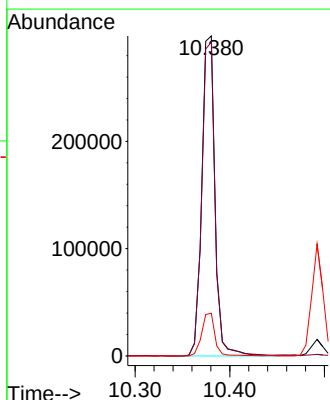
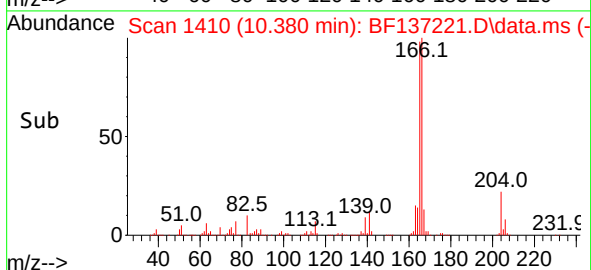
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

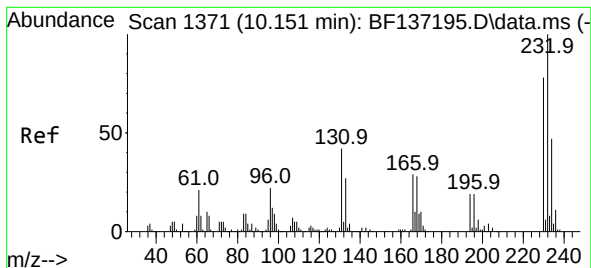


#58
Fluorene
Concen: 47.133 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29



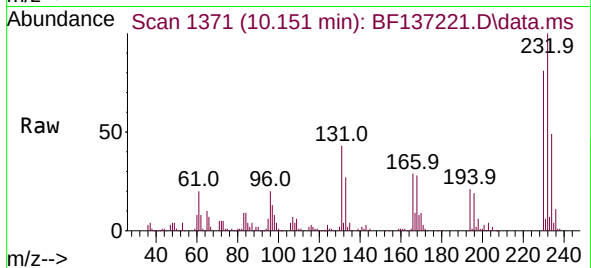
Tgt Ion:166 Resp: 289188
Ion Ratio Lower Upper
166 100
165 98.1 78.5 117.7
167 13.3 10.0 15.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.596 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

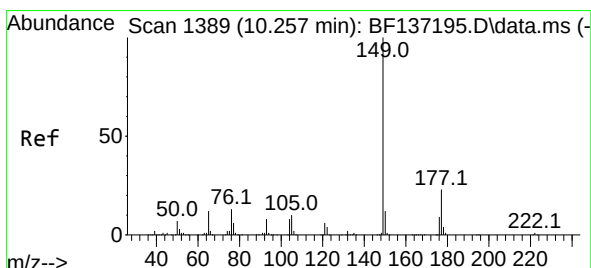
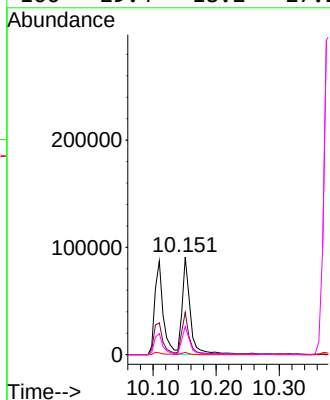
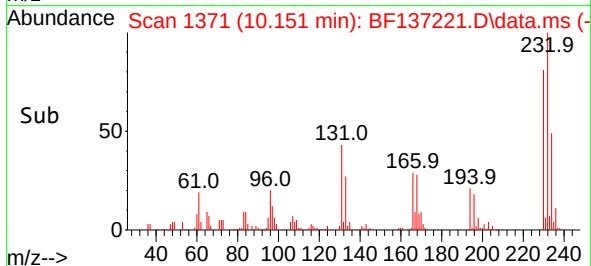
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



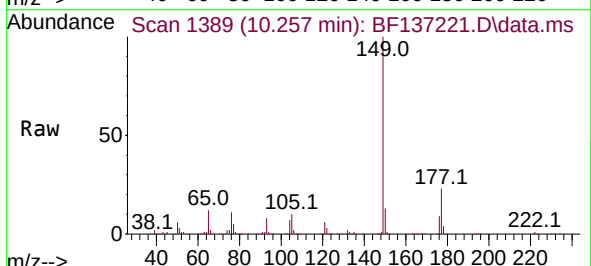
Tgt Ion:232 Resp: 79862
Ion Ratio Lower Upper
232 100
131 40.7 27.4 41.2
130 2.0 1.7 2.5
166 29.4 18.2 27.2#

Manual Integrations
APPROVED

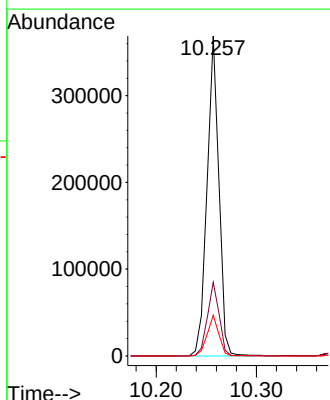
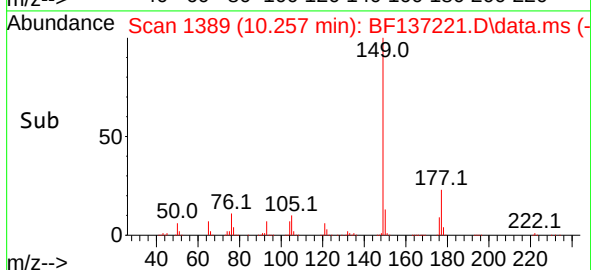
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

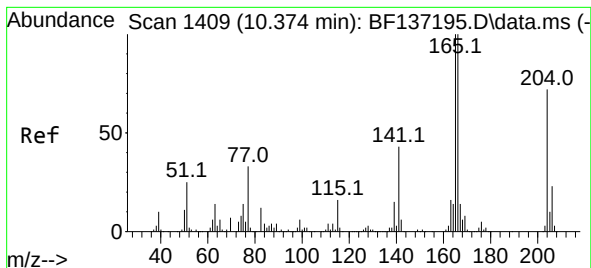


#60
Diethylphthalate
Concen: 51.030 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29



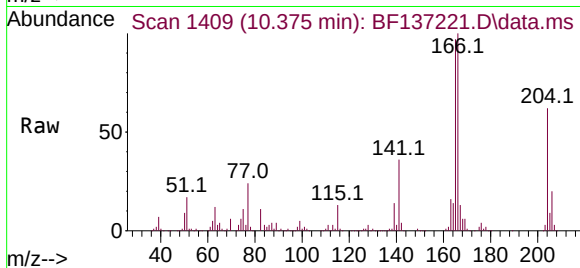
Tgt Ion:149 Resp: 301411
Ion Ratio Lower Upper
149 100
177 23.0 18.0 27.0
150 12.7 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 48.458 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

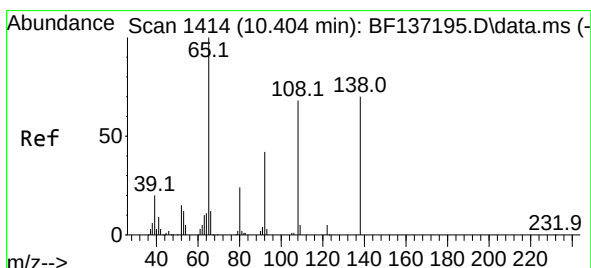
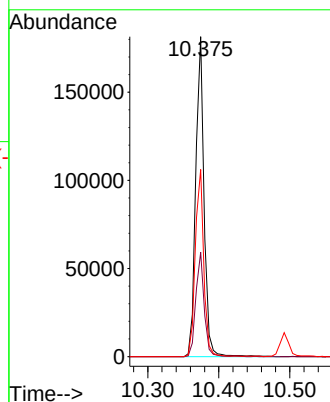
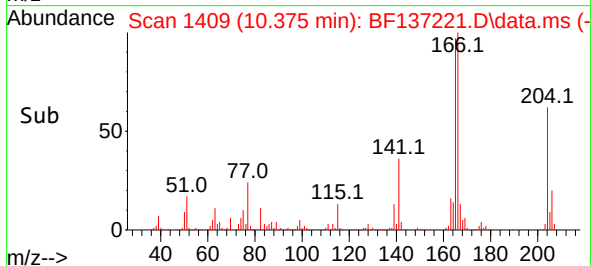
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



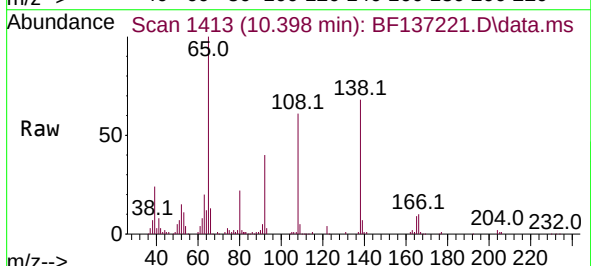
Tgt Ion:204 Resp: 147785
Ion Ratio Lower Upper
204 100
206 32.7 25.5 38.3
141 58.5 48.3 72.5

Manual Integrations
APPROVED

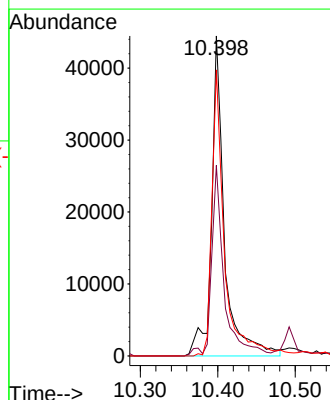
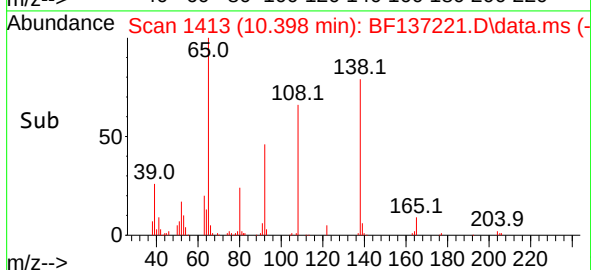
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

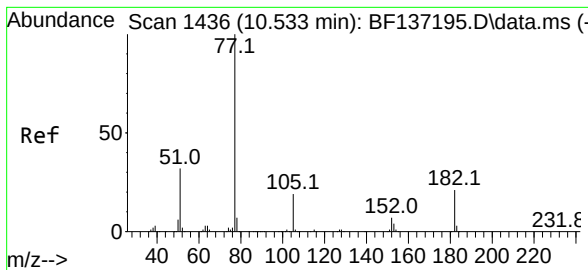


#62
4-Nitroaniline
Concen: 46.610 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29



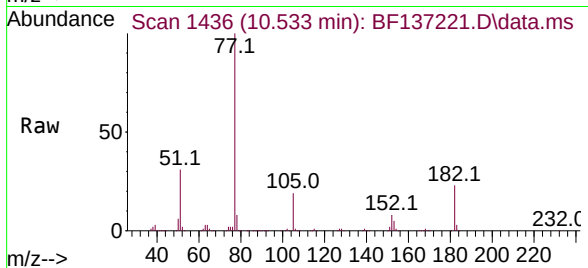
Tgt Ion:138 Resp: 51357
Ion Ratio Lower Upper
138 100
92 59.5 39.3 79.3
108 89.4 75.3 115.3





#63
Azobenzene
Concen: 46.077 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

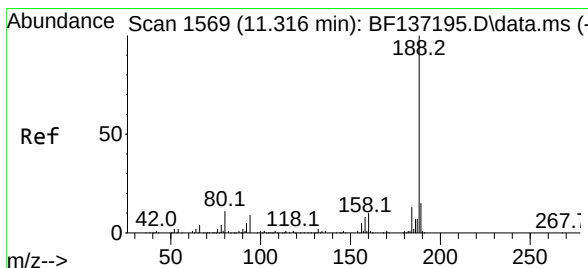
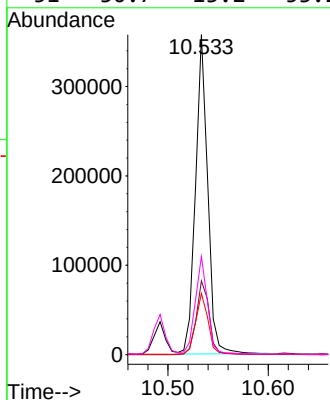
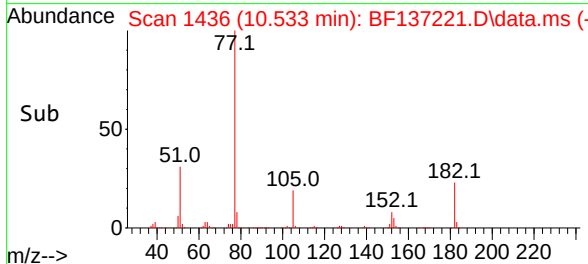
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



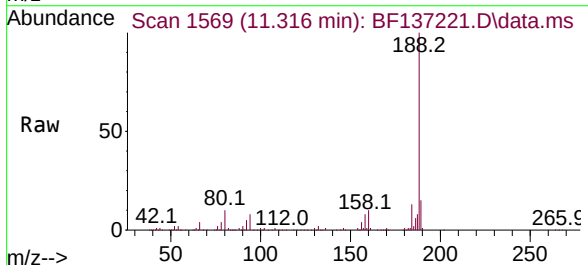
Tgt Ion: 77 Resp: 301408
Ion Ratio Lower Upper
77 100
182 23.0 1.1 41.1
105 19.2 0.0 38.9
51 30.7 13.2 53.2

Manual Integrations
APPROVED

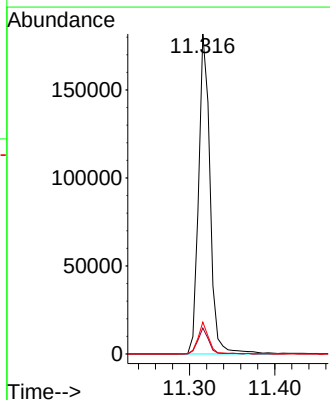
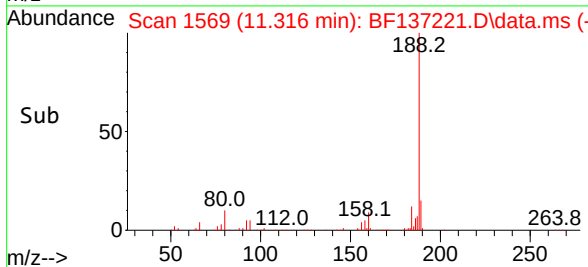
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

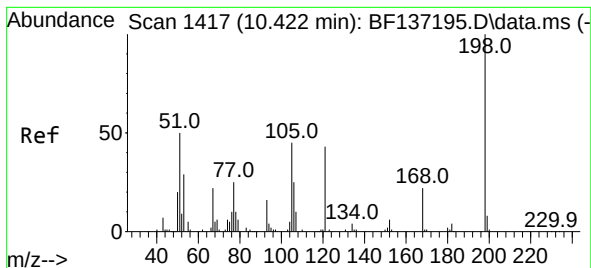


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29



Tgt Ion:188 Resp: 169158
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 9.9 8.8 13.2





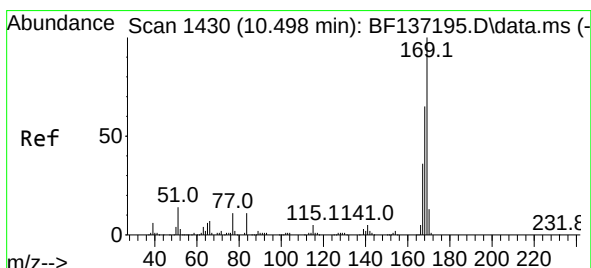
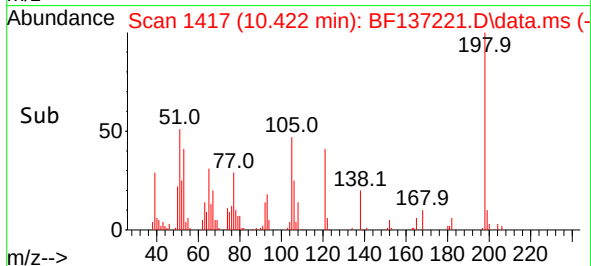
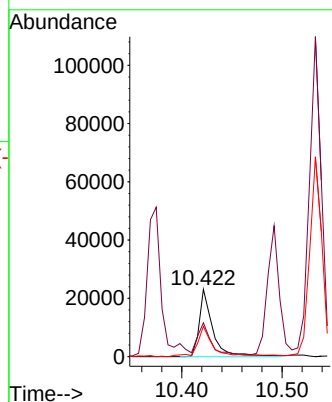
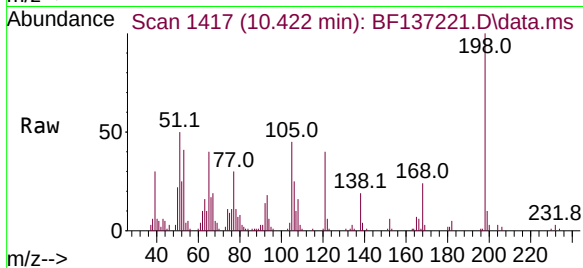
#65
4,6-Dinitro-2-methylphenol
Concen: 26.621 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS

Tgt Ion:198 Resp: 21398
Ion Ratio Lower Upper
198 100
51 50.4 40.9 80.9
105 44.8 26.5 66.5

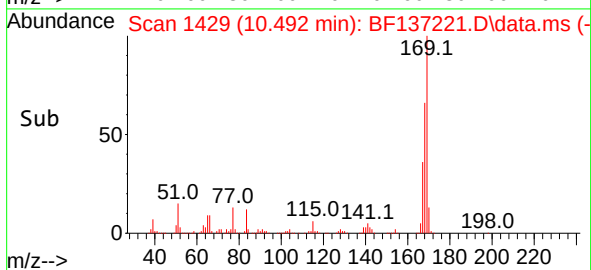
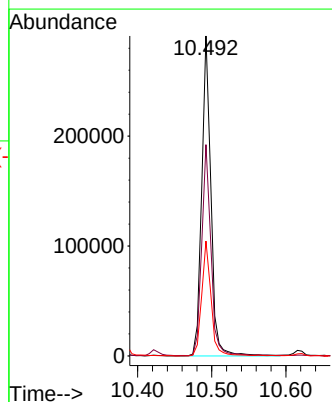
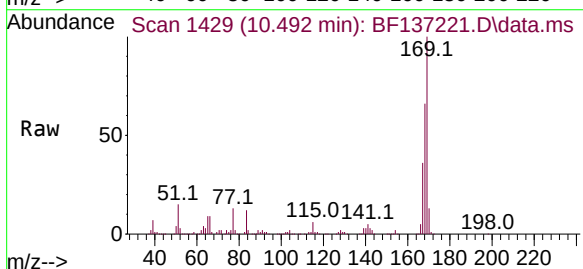
Manual Integrations
APPROVED

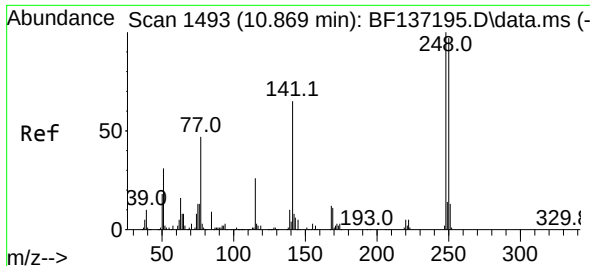
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#66
n-Nitrosodiphenylamine
Concen: 48.969 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Tgt Ion:169 Resp: 251867
Ion Ratio Lower Upper
169 100
168 66.1 51.9 77.9
167 35.9 29.0 43.6





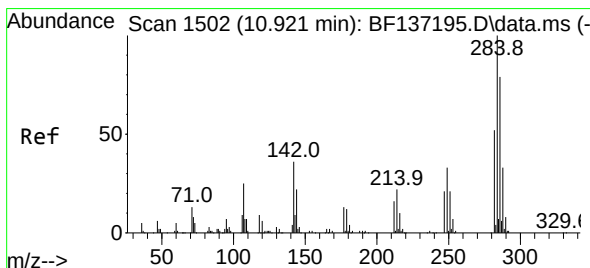
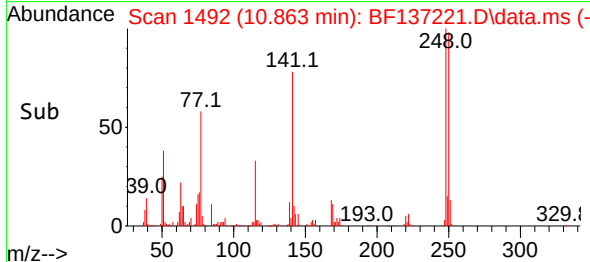
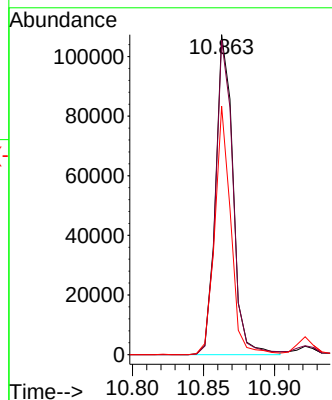
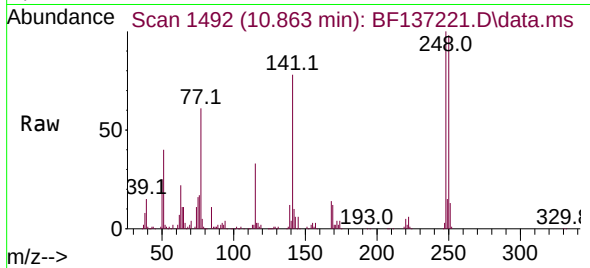
#67
4-Bromophenyl-phenylether
Concen: 49.367 ng
RT: 10.863 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS

Tgt Ion:248 Resp: 91823
Ion Ratio Lower Upper
248 100
250 98.3 77.7 116.5
141 77.6 51.6 77.4

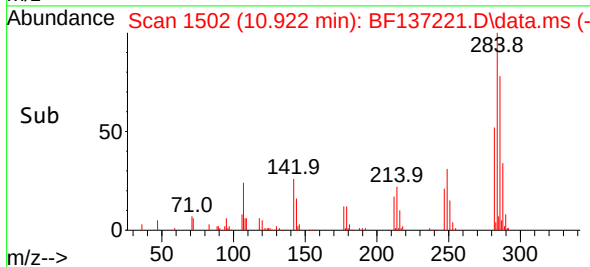
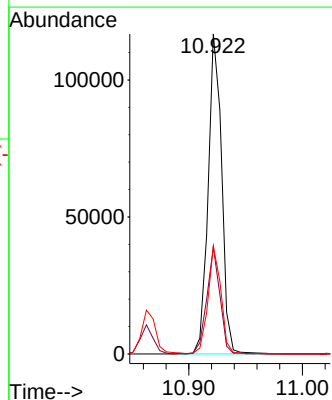
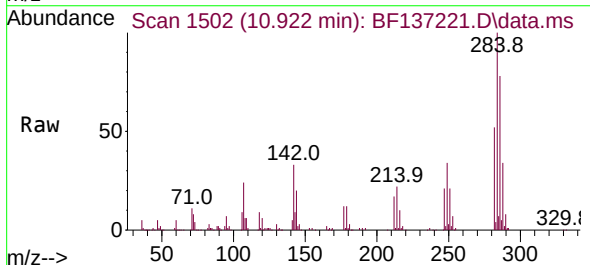
Manual Integrations
APPROVED

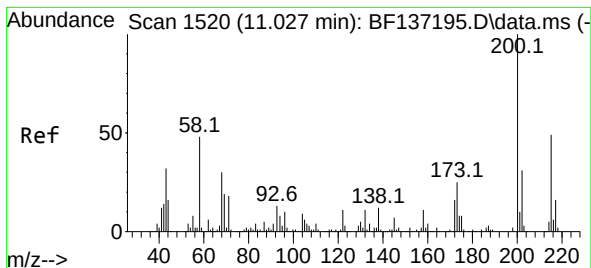
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#68
Hexachlorobenzene
Concen: 46.461 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Tgt Ion:284 Resp: 96527
Ion Ratio Lower Upper
284 100
142 33.4 28.7 43.1
249 33.7 27.0 40.4





#69

Atrazine

Concen: 50.521 ng

RT: 11.022 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Instrument :

BNA_F

ClientSampleId :

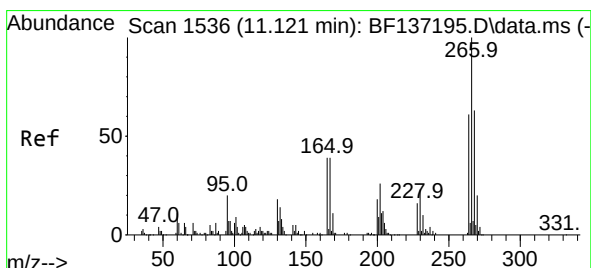
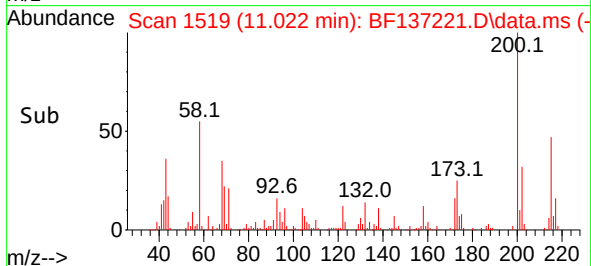
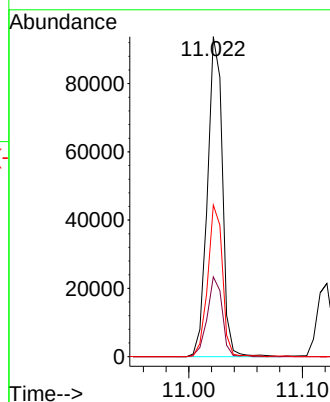
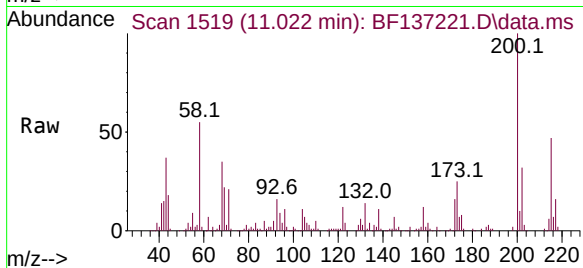
WC-SOIL-20240126MS

Tgt Ion:200	Resp: 8578
Ion Ratio	Lower Upper
200 100	
173 24.9	5.3 45.3
215 47.4	29.4 69.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#70

Pentachlorophenol

Concen: 91.848 ng

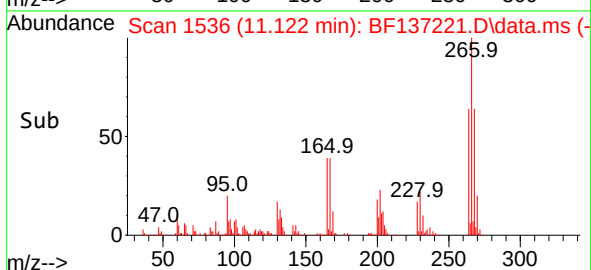
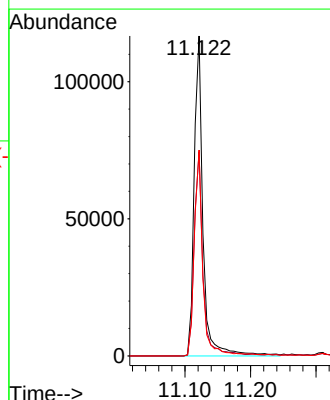
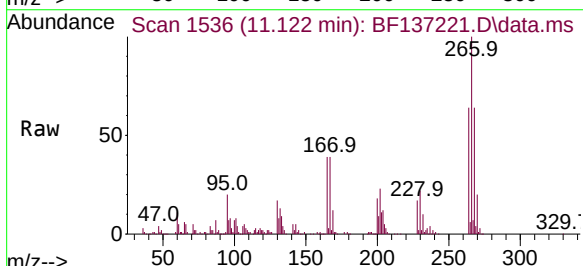
RT: 11.122 min Scan# 1536

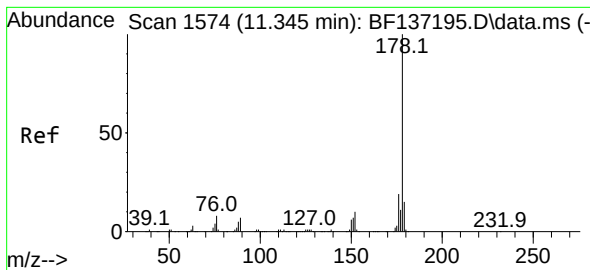
Delta R.T. 0.001 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

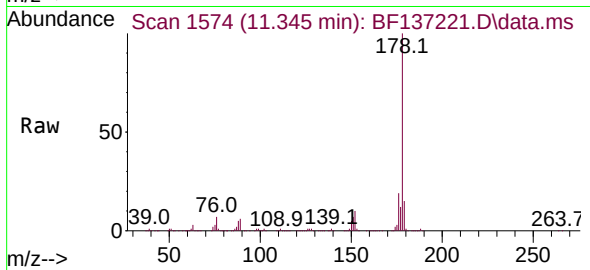
Tgt Ion:266	Resp: 109389
Ion Ratio	Lower Upper
266 100	
268 63.7	50.6 76.0
264 64.3	48.8 73.2





#71
Phenanthrene
Concen: 47.459 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

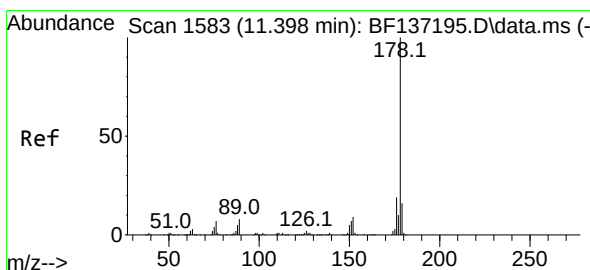
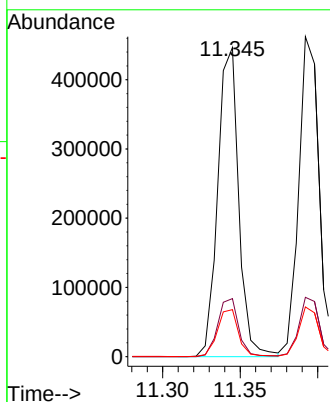
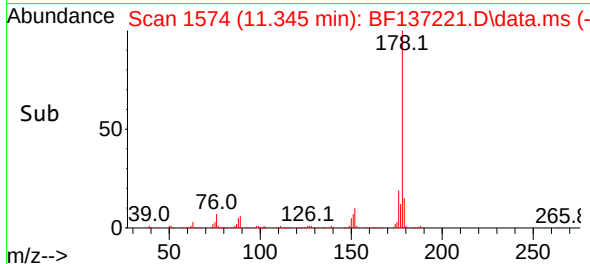
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:178 Resp: 420281
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.2 12.1 18.1

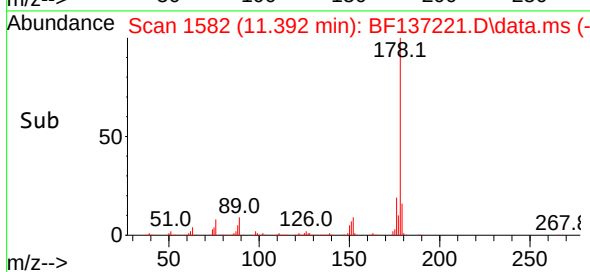
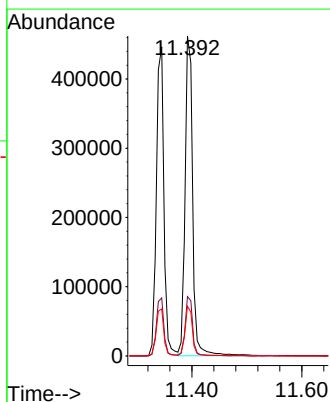
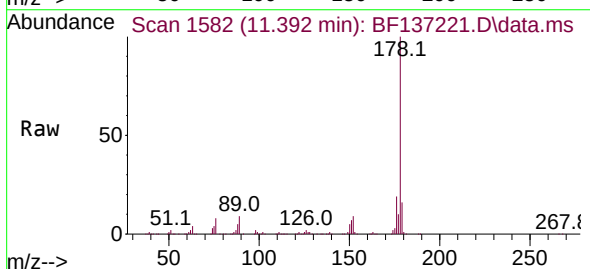
Manual Integrations
APPROVED

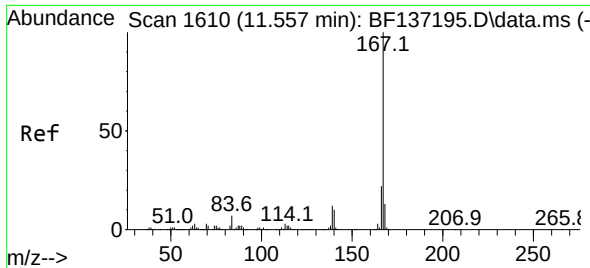
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#72
Anthracene
Concen: 47.567 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

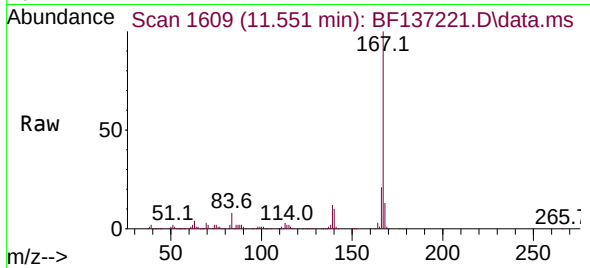
Tgt Ion:178 Resp: 439052
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.5 12.7 19.1





#73
 Carbazole
 Concen: 49.379 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF137221.D
 Acq: 31 Jan 2024 20:29

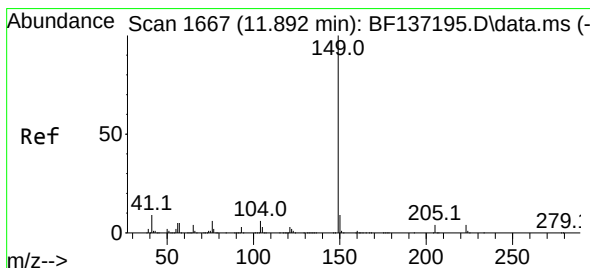
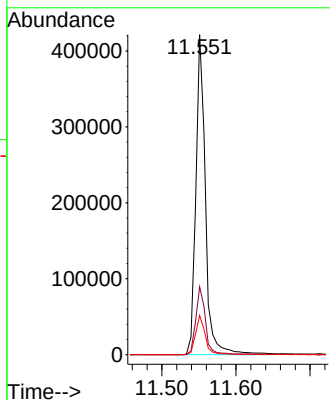
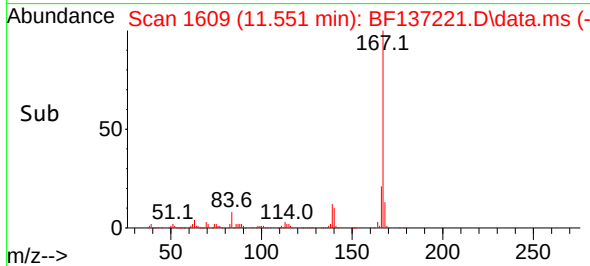
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20240126MS



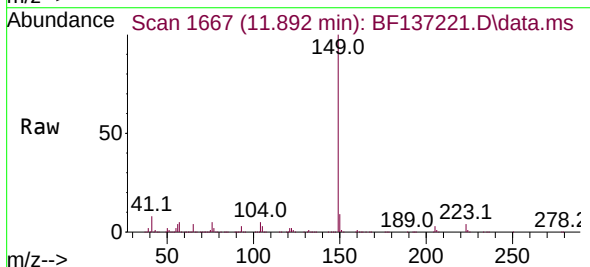
Tgt Ion:167 Resp: 380908
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.6 26.4
 139 12.2 9.7 14.5

Manual Integrations
 APPROVED

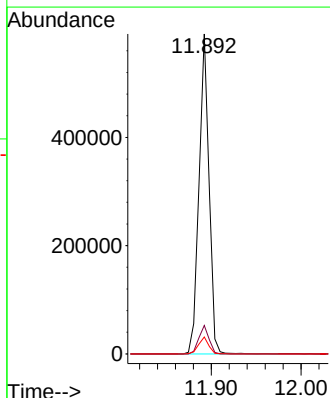
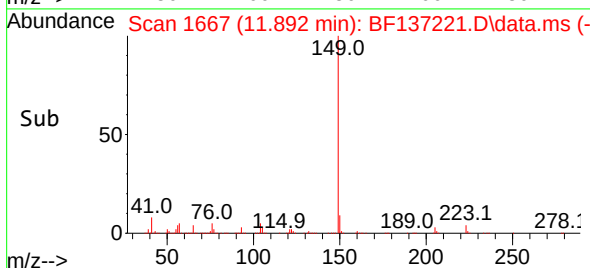
Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024

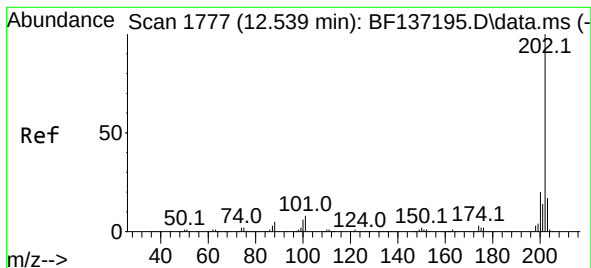


#74
 Di-n-butylphthalate
 Concen: 54.827 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. 0.000 min
 Lab File: BF137221.D
 Acq: 31 Jan 2024 20:29



Tgt Ion:149 Resp: 457180
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 53.087 ng

RT: 12.533 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Instrument :

BNA_F

ClientSampleId :

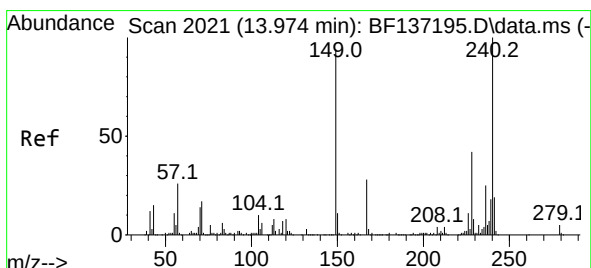
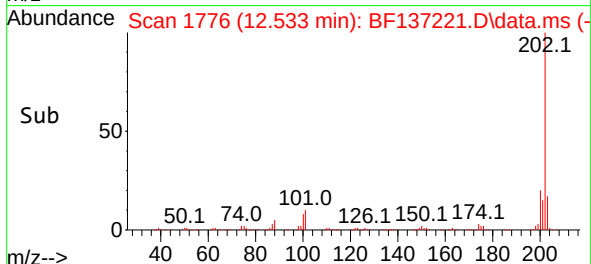
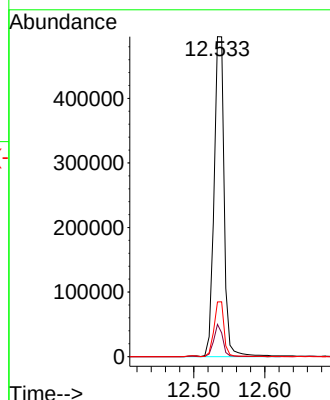
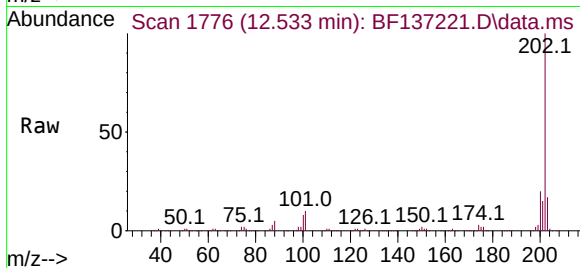
WC-SOIL-20240126MS

Tgt Ion:	202	Resp:	491933
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	28.4
203	17.1	0.0	37.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#76

Chrysene-d12

Concen: 20.000 ng

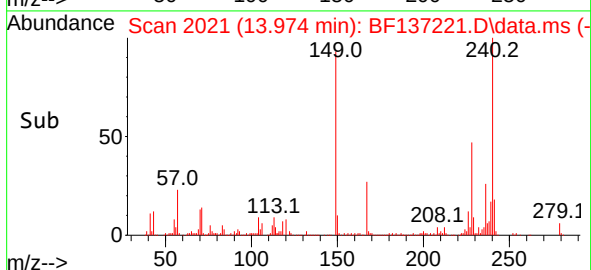
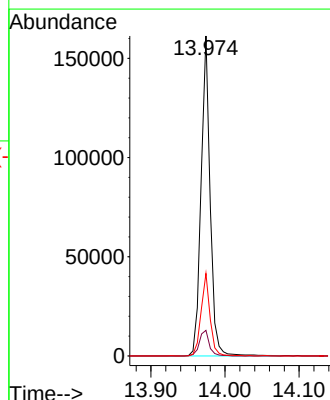
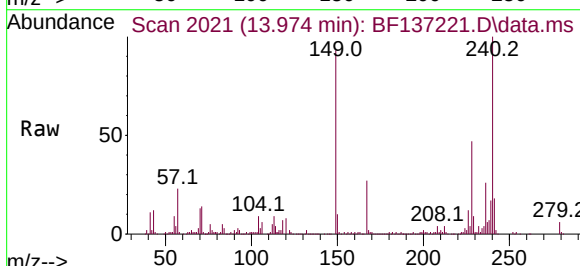
RT: 13.974 min Scan# 2021

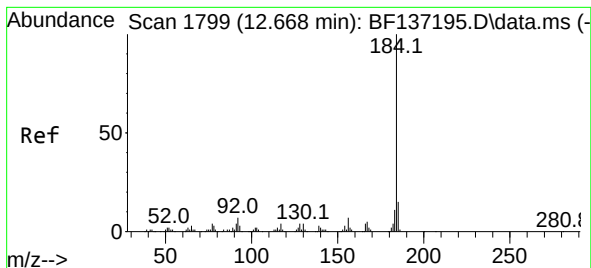
Delta R.T. 0.000 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Tgt Ion:	240	Resp:	136816
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.3	9.5
236	25.8	20.3	30.5





#77

Benzidine

Concen: 29.333 ng

RT: 12.668 min Scan# 1799

Delta R.T. 0.000 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Instrument :

BNA_F

ClientSampleId :

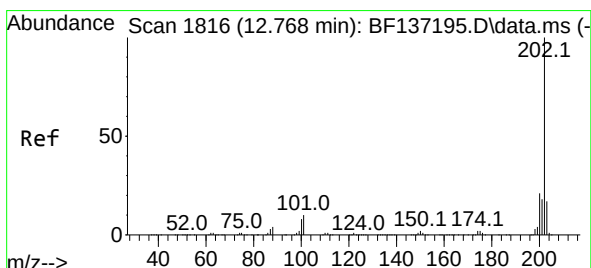
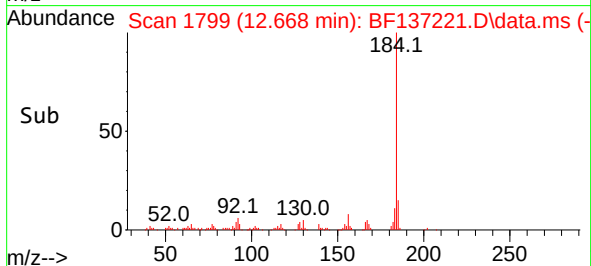
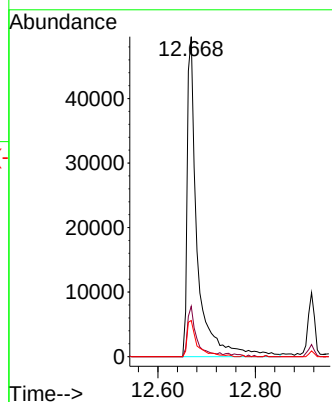
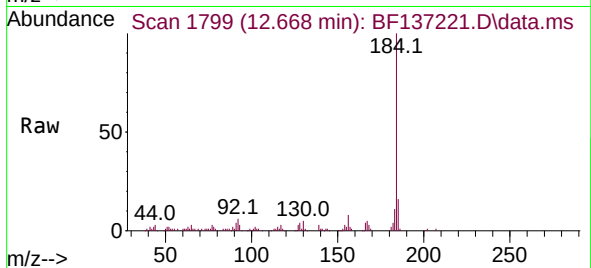
WC-SOIL-20240126MS

Tgt Ion:184	Resp:	71862
Ion Ratio	Lower	Upper
184	100	
185	15.7	11.9 17.9
183	11.3	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#78

Pyrene

Concen: 38.354 ng

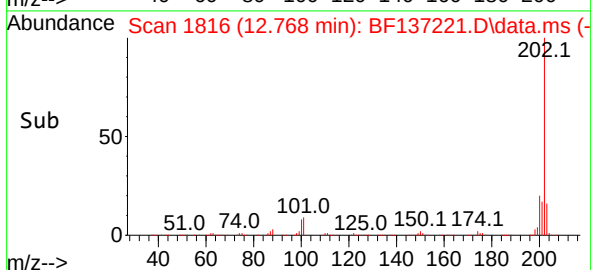
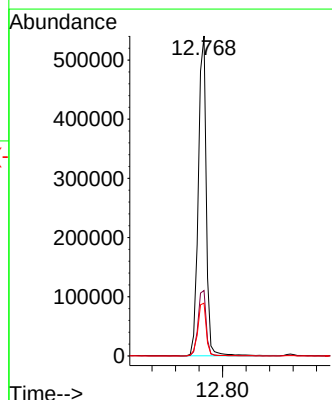
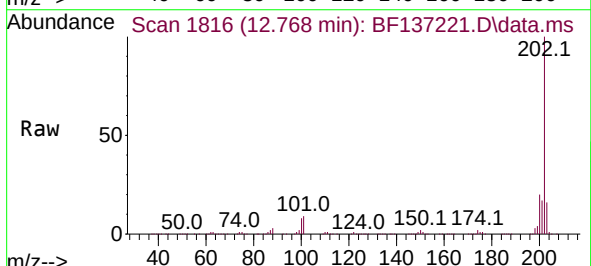
RT: 12.768 min Scan# 1816

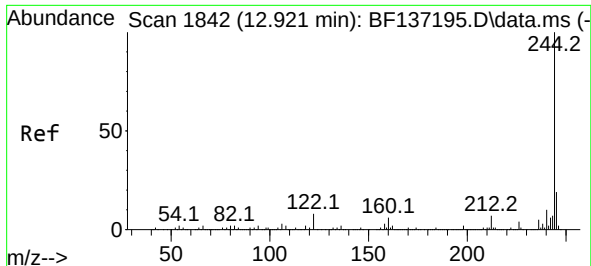
Delta R.T. 0.000 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

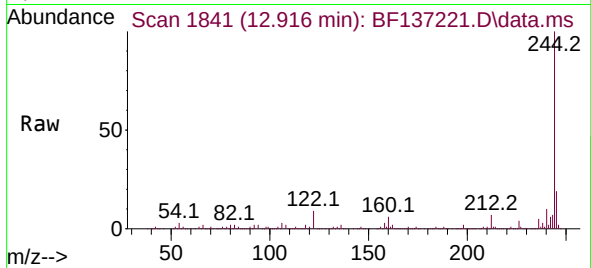
Tgt Ion:202	Resp:	504278
Ion Ratio	Lower	Upper
202	100	
200	20.4	16.5 24.7
203	16.5	13.8 20.6





#79
Terphenyl-d14
Concen: 76.407 ng
RT: 12.916 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

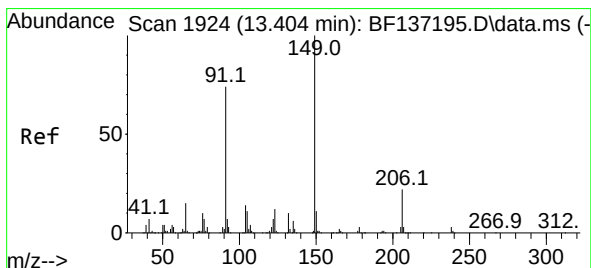
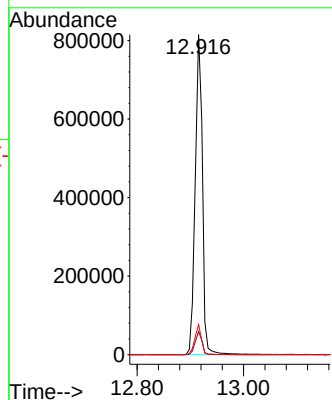
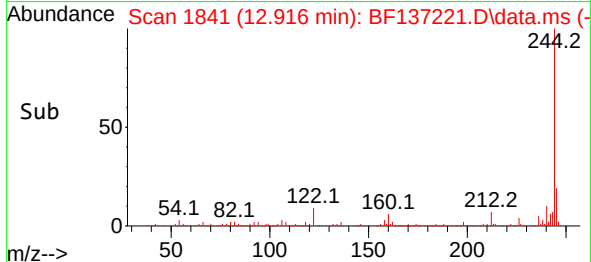
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:244 Resp: 768968
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 9.4 6.2 9.4

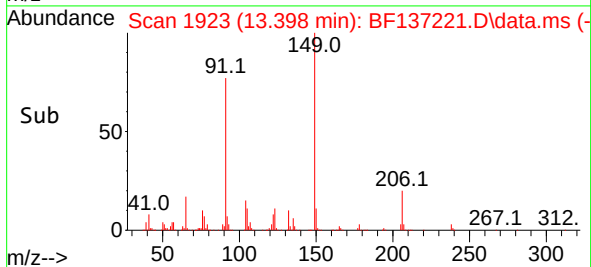
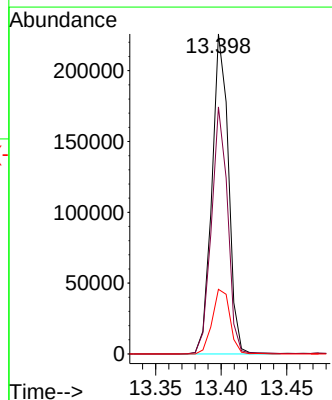
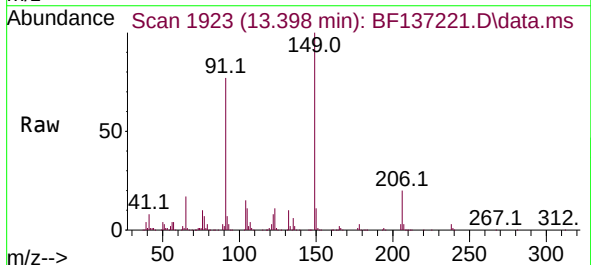
Manual Integrations
APPROVED

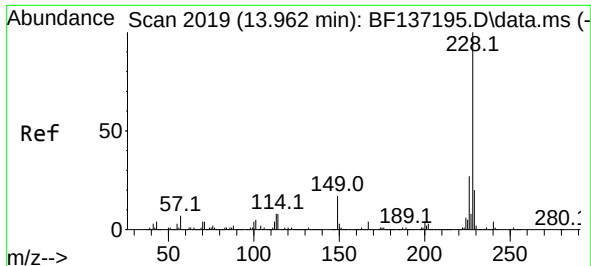
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#80
Butylbenzylphthalate
Concen: 58.942 ng
RT: 13.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

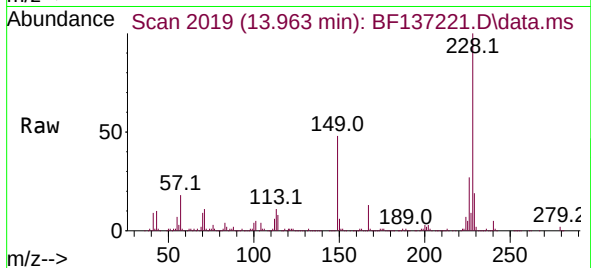
Tgt Ion:149 Resp: 198248
Ion Ratio Lower Upper
149 100
91 77.2 58.8 88.2
206 20.2 17.7 26.5





#81
Benzo(a)anthracene
Concen: 47.982 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

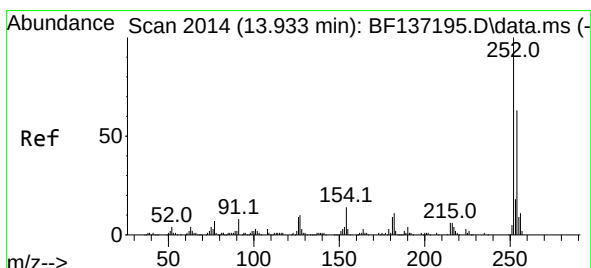
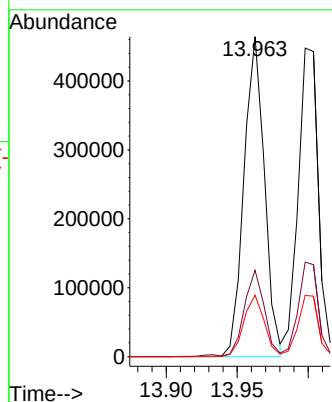
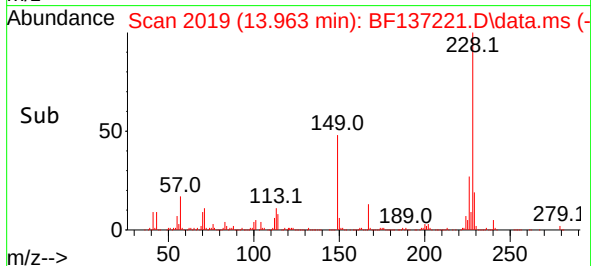
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



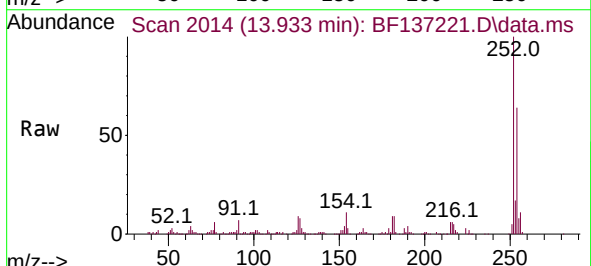
Tgt Ion:228 Resp: 464923
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.2 15.8 23.6

Manual Integrations
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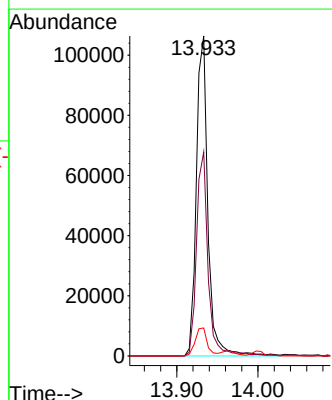
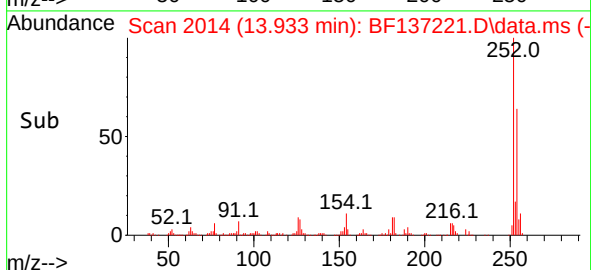
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

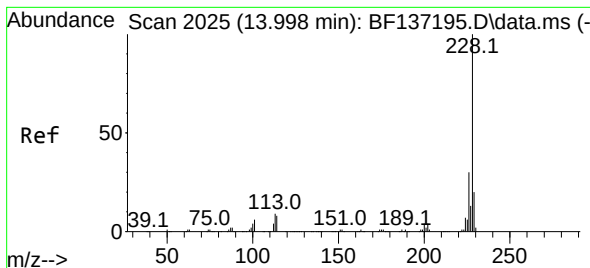


#82
3,3'-Dichlorobenzidine
Concen: 39.625 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29



Tgt Ion:252 Resp: 104606
Ion Ratio Lower Upper
252 100
254 63.7 50.2 75.2
126 8.7 7.0 10.6





#83

Chrysene

Concen: 47.635 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MS

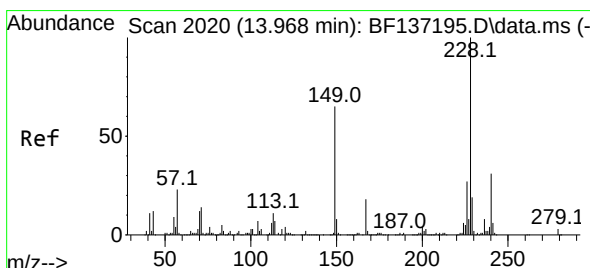
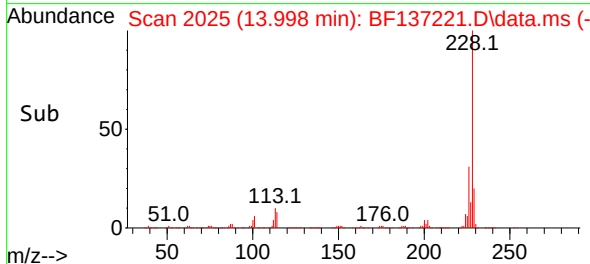
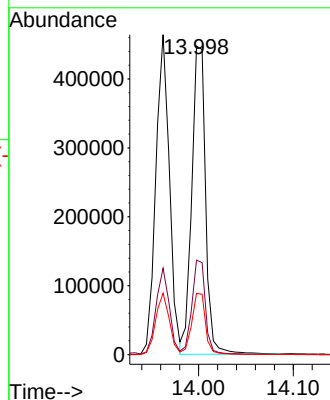
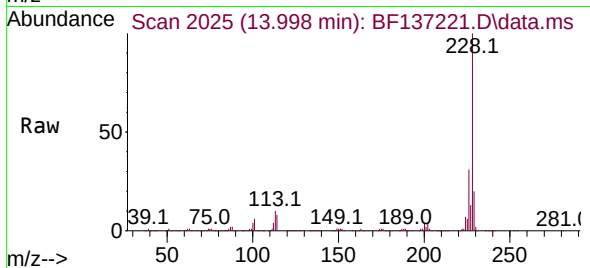
Tgt Ion:228 Resp: 453762

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.7	35.5
229	19.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 71.895 ng

RT: 13.968 min Scan# 2020

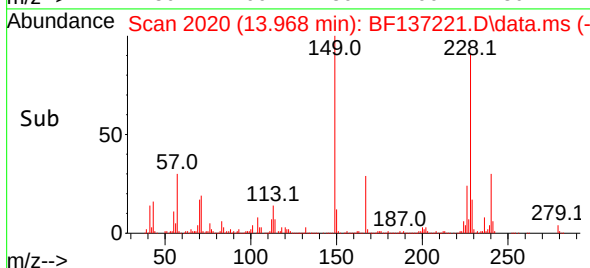
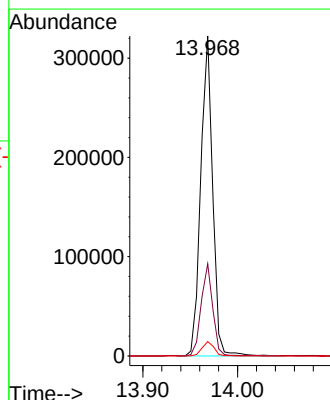
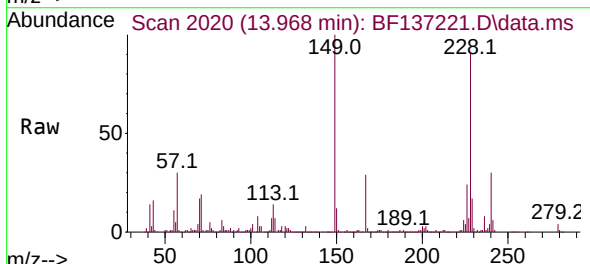
Delta R.T. 0.000 min

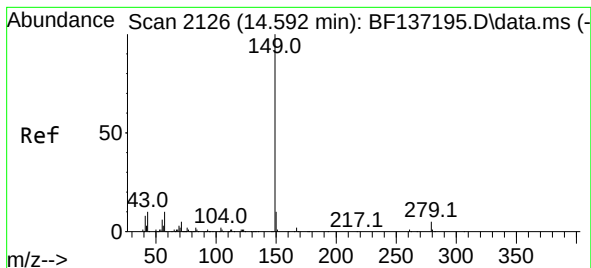
Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Tgt Ion:149 Resp: 281331

Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.7	32.5
279	4.5	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 77.901 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MS

Tgt Ion:149 Resp: 484692

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

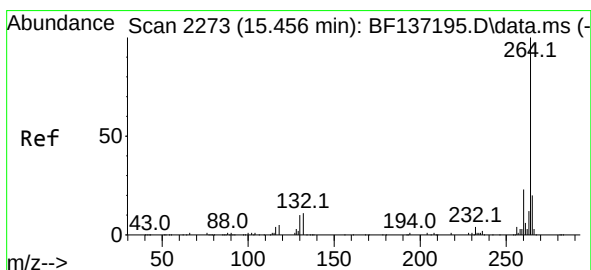
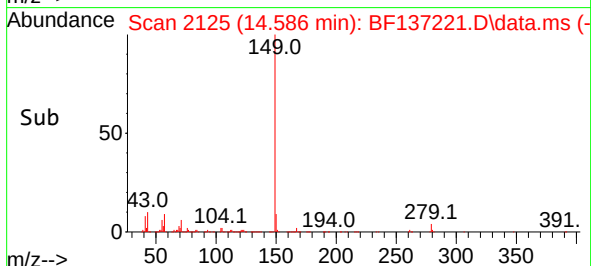
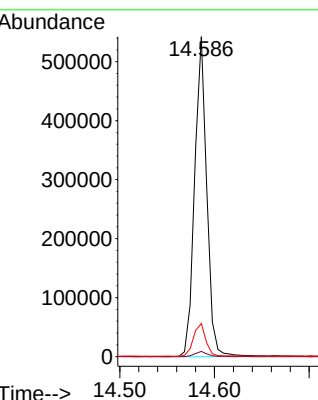
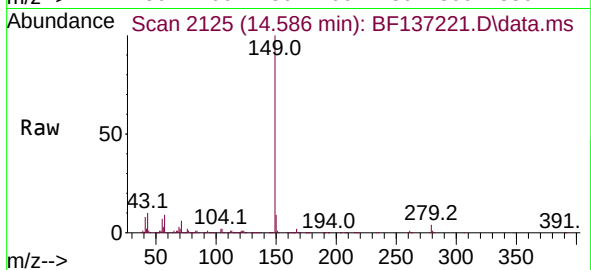
43 10.5 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024

Supervised By :Sohil Jodhani 02/02/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF137221.D

Acq: 31 Jan 2024 20:29

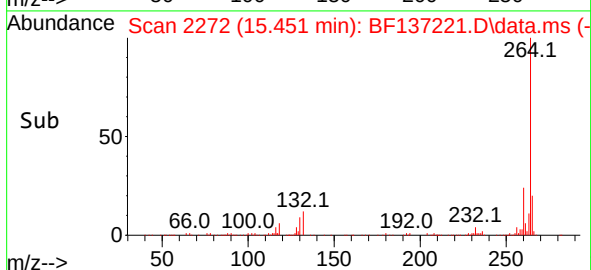
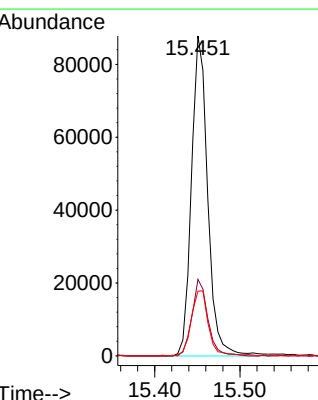
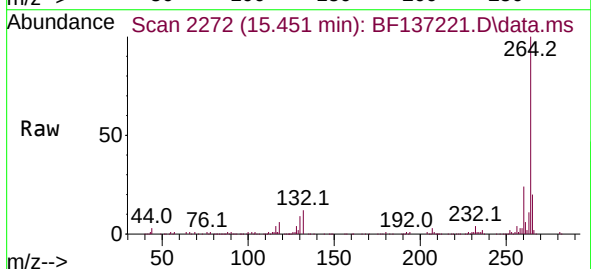
Tgt Ion:264 Resp: 116200

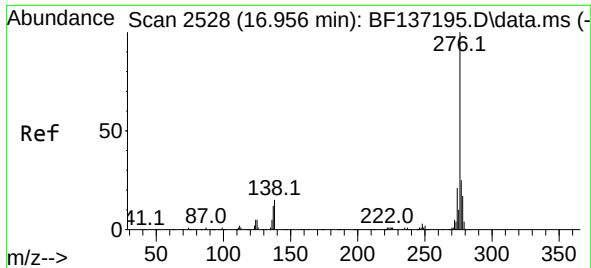
Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

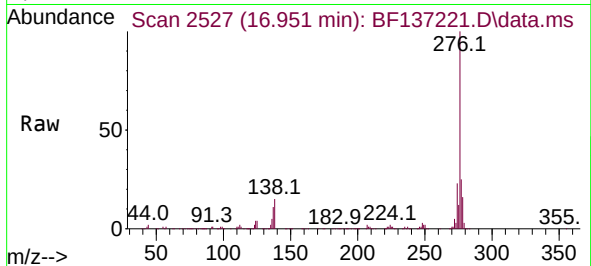
265 20.2 16.2 24.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.362 ng
RT: 16.951 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

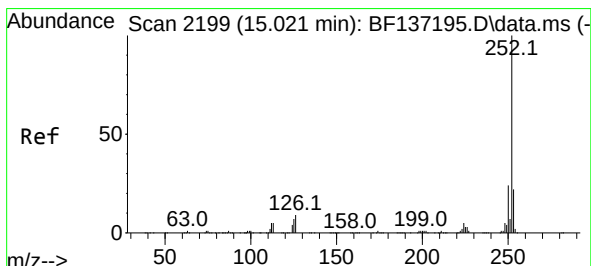
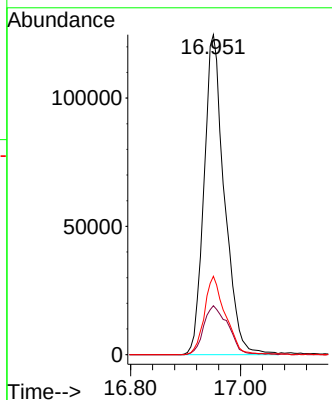
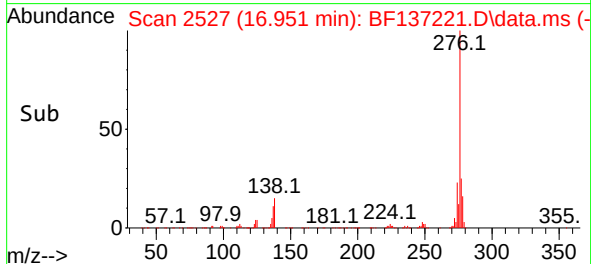
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



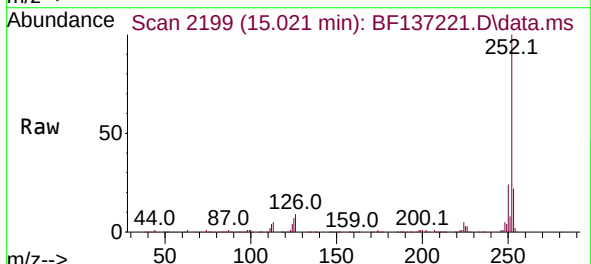
Tgt Ion:276 Resp: 32134
Ion Ratio Lower Upper
276 100
138 18.1 14.6 21.8
277 25.0 20.2 30.2

Manual Integrations
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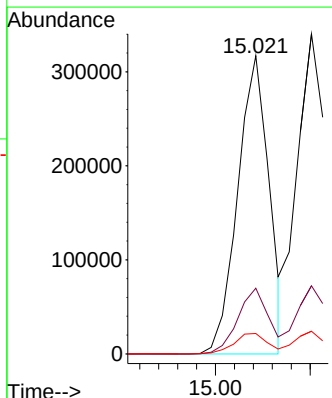
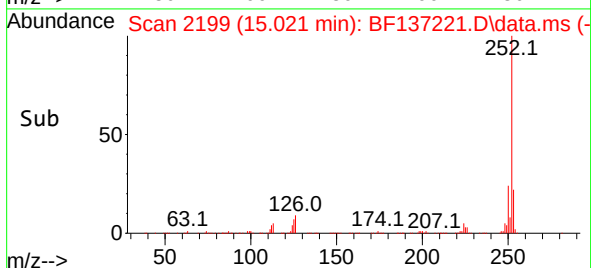
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

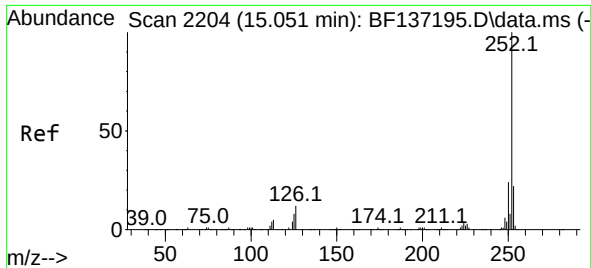


#88
Benzo(b)fluoranthene
Concen: 50.977 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29



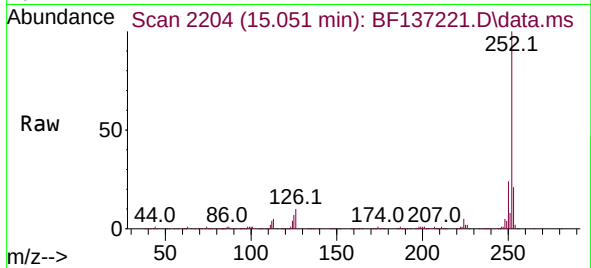
Tgt Ion:252 Resp: 364291
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 6.8 5.4 8.2





#89
Benzo(k)fluoranthene
Concen: 49.598 ng
RT: 15.051 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

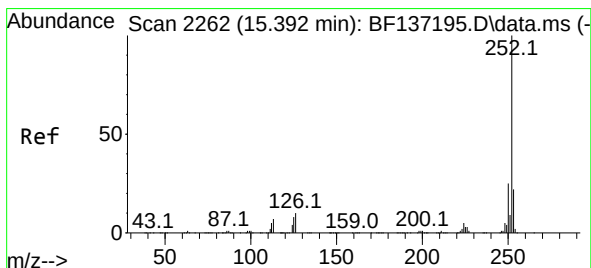
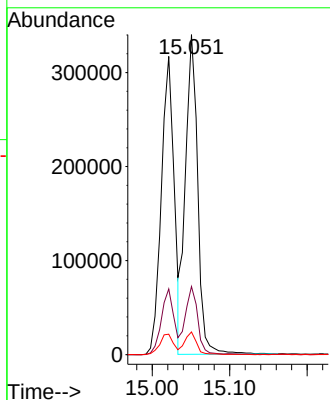
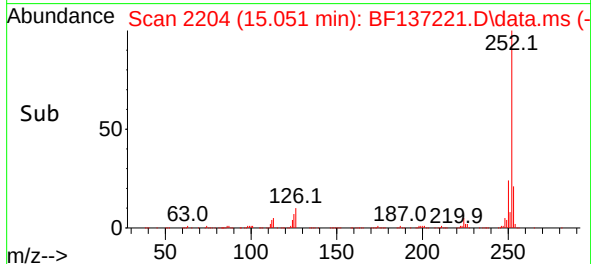
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



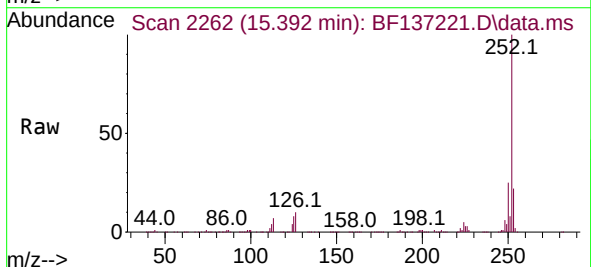
Tgt Ion:252 Resp: 374958
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 7.1 5.9 8.9

Manual Integrations
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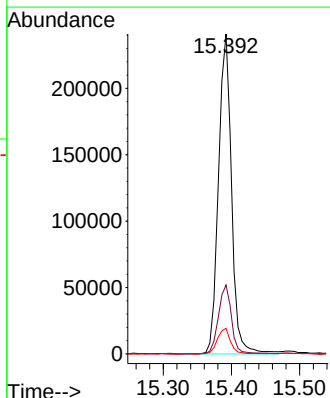
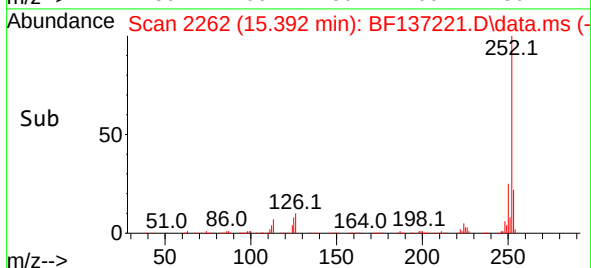
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

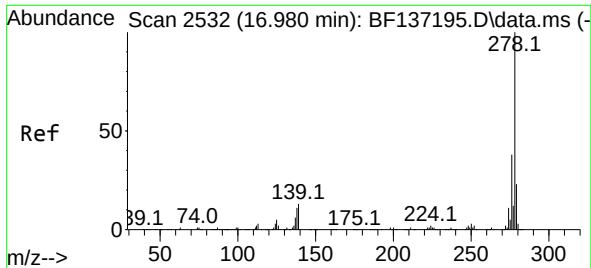


#90
Benzo(a)pyrene
Concen: 47.260 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29



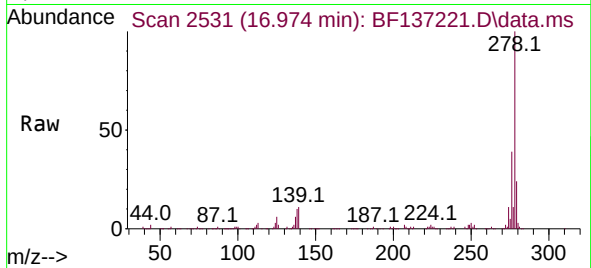
Tgt Ion:252 Resp: 317826
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 8.0 6.5 9.7





#91
Dibenzo(a,h)anthracene
Concen: 41.669 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

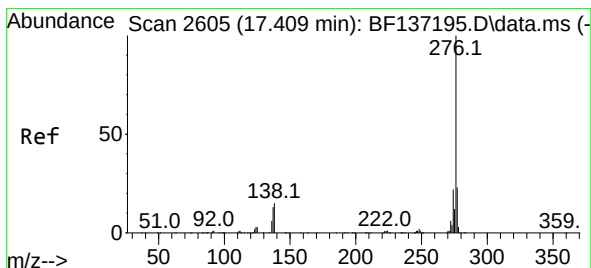
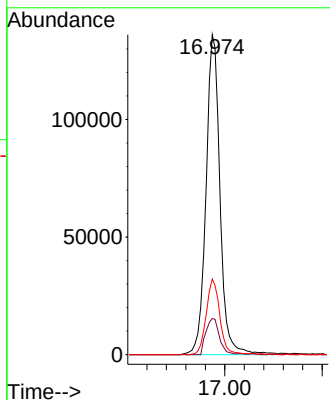
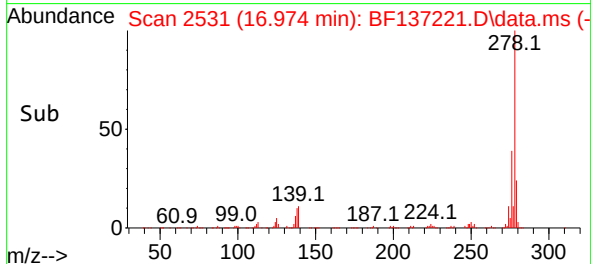
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:278 Resp: 272569
Ion Ratio Lower Upper
278 100
139 11.3 10.0 15.0
279 23.6 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#92
Benzo(g,h,i)perylene
Concen: 37.736 ng
RT: 17.403 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF137221.D
Acq: 31 Jan 2024 20:29

Tgt Ion:276 Resp: 242274
Ion Ratio Lower Upper
276 100
277 23.5 18.4 27.6
138 14.3 11.8 17.8

