

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137222.D
 Acq On : 31 Jan 2024 20:58
 Operator : CG\JU
 Sample : P1270-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20240126MSD

Quant Time: Feb 01 01:23:02 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	50322	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	184761	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	96556	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	176377	20.000	ng	0.00
76) Chrysene-d12	13.974	240	143410	20.000	ng	0.00
86) Perylene-d12	15.451	264	120068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	371982	121.975	ng	0.02
7) Phenol-d6	6.428	99	455748	104.717	ng	0.00
23) Nitrobenzene-d5	7.357	82	339154	82.184	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	139180	127.634	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	610288	86.887	ng	0.00
79) Terphenyl-d14	12.916	244	738762	70.030	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	53801	32.971	ng	# 80
3) Pyridine	3.410	79	94295	29.773	ng	97
4) n-Nitrosodimethylamine	3.352	42	68476	42.038	ng	99
6) Aniline	6.463	93	83816	17.990	ng	98
8) 2-Chlorophenol	6.581	128	138736	40.686	ng	94
9) Benzaldehyde	6.351	77	31586	19.057	ng	92
10) Phenol	6.445	94	165166	33.999	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	137469	42.343	ng	98
12) 1,3-Dichlorobenzene	6.734	146	155945	39.006	ng	97
13) 1,4-Dichlorobenzene	6.810	146	157846	38.176	ng	99
14) 1,2-Dichlorobenzene	6.963	146	152366	39.413	ng	98
15) Benzyl Alcohol	6.934	79	135002	43.662	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.069	45	219791	37.582	ng	99
17) 2-Methylphenol	7.045	107	117019	41.077	ng	97
18) Hexachloroethane	7.304	117	56939	38.182	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	119568	40.069	ng	97
20) 3+4-Methylphenols	7.198	107	143059	39.669	ng	92
22) Acetophenone	7.204	105	210009	42.221	ng	# 93
24) Nitrobenzene	7.375	77	171740	42.877	ng	96
25) Isophorone	7.610	82	317259	41.651	ng	99
26) 2-Nitrophenol	7.687	139	63593	41.367	ng	93
27) 2,4-Dimethylphenol	7.728	122	98568	45.273	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	175322	43.343	ng	98
29) 2,4-Dichlorophenol	7.928	162	117568	43.529	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	138954	41.418	ng	97
31) Naphthalene	8.092	128	408475	40.895	ng	99
32) Benzoic acid	7.834	122	44746	32.687	ng	99
33) 4-Chloroaniline	8.145	127	38575	11.227	ng	98
34) Hexachlorobutadiene	8.210	225	94051	42.161	ng	98
35) Caprolactam	8.498	113	32800m	39.055	ng	
36) 4-Chloro-3-methylphenol	8.622	107	130349	40.860	ng	97
37) 2-Methylnaphthalene	8.787	142	273975	40.914	ng	100
38) 1-Methylnaphthalene	8.881	142	257522	41.404	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	145268	44.963	ng	100
41) Hexachlorocyclopentadiene	8.934	237	97535	63.383	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	87049	47.502	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137222.D
 Acq On : 31 Jan 2024 20:58
 Operator : CG\JU
 Sample : P1270-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20240126MSD

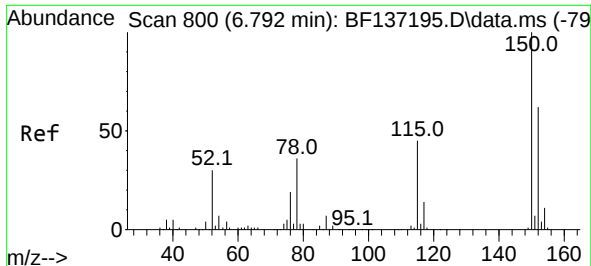
Manual Integrations
 APPROVED

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

Quant Time: Feb 01 01:23:02 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

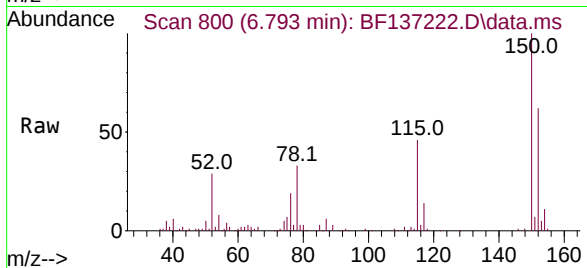
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	90539	45.200	ng	94
46) 1,1'-Biphenyl	9.251	154	351139	45.708	ng	98
47) 2-Chloronaphthalene	9.275	162	252859	44.476	ng	99
48) 2-Nitroaniline	9.369	65	89257	48.506	ng	97
49) Acenaphthylene	9.686	152	406696	44.684	ng	99
50) Dimethylphthalate	9.551	163	311781	47.797	ng	100
51) 2,6-Dinitrotoluene	9.616	165	66622	47.896	ng	# 83
52) Acenaphthene	9.863	154	238993	44.678	ng	99
53) 3-Nitroaniline	9.781	138	27700	22.129	ng	88
54) 2,4-Dinitrophenol	9.886	184	24261	45.072	ng	92
55) Dibenzofuran	10.033	168	371590	43.662	ng	100
56) 4-Nitrophenol	9.945	139	80857	87.175	ng	94
57) 2,4-Dinitrotoluene	10.016	165	84936	47.060	ng	92
58) Fluorene	10.381	166	287224	43.050	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	84442m	45.307	ng	
60) Diethylphthalate	10.257	149	304488	47.407	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	146639	44.217	ng	97
62) 4-Nitroaniline	10.398	138	51353	42.860	ng	99
63) Azobenzene	10.533	77	301843	42.434	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	23498	27.747	ng	93
66) n-Nitrosodiphenylamine	10.492	169	253182	47.210	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	92730	47.814	ng	93
68) Hexachlorobenzene	10.922	284	96868	44.717	ng	98
69) Atrazine	11.022	200	85346	48.208	ng	98
70) Pentachlorophenol	11.122	266	116069	93.468	ng	97
71) Phenanthrene	11.345	178	414978	44.942	ng	99
72) Anthracene	11.398	178	431903	44.877	ng	98
73) Carbazole	11.551	167	378798	47.096	ng	99
74) Di-n-butylphthalate	11.892	149	451569	51.938	ng	100
75) Fluoranthene	12.533	202	472681	48.921	ng	99
77) Benzidine	12.669	184	73269	28.532	ng	98
78) Pyrene	12.769	202	490576	35.596	ng	99
80) Butylbenzylphthalate	13.398	149	187820	53.274	ng	92
81) Benzo(a)anthracene	13.963	228	447909	44.101	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	108614	39.252	ng	97
83) Chrysene	13.998	228	439490	44.015	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	272082	66.335	ng	97
85) Di-n-octyl phthalate	14.586	149	470217	72.100	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	312491	37.045	ng	99
88) Benzo(b)fluoranthene	15.021	252	351820	47.646	ng	98
89) Benzo(k)fluoranthene	15.051	252	364687	46.686	ng	99
90) Benzo(a)pyrene	15.392	252	305067	43.902	ng	97
91) Dibenzo(a,h)anthracene	16.974	278	256602	37.964	ng	99
92) Benzo(g,h,i)perylene	17.404	276	230988	34.819	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF137222.D
 Acq: 31 Jan 2024 20:58

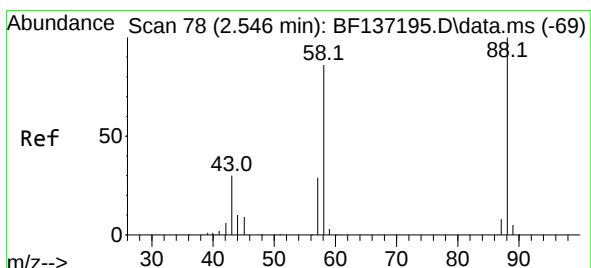
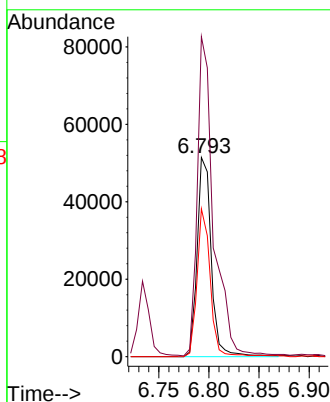
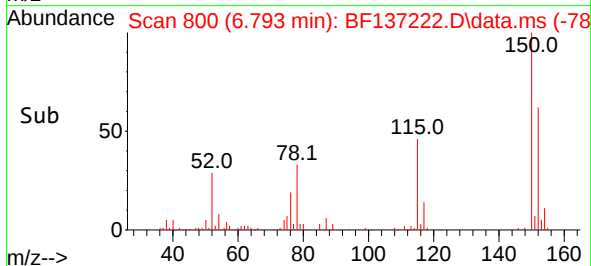
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20240126MSD



Tgt Ion:152 Resp: 50322
 Ion Ratio Lower Upper
 152 100
 150 160.8 129.8 194.8
 115 74.2 58.5 87.7

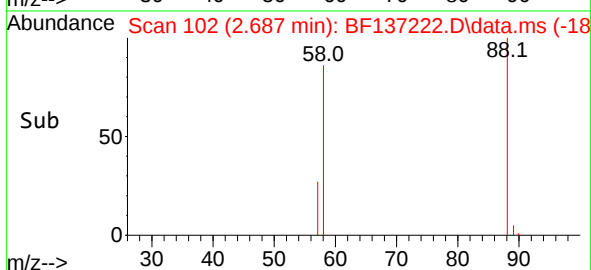
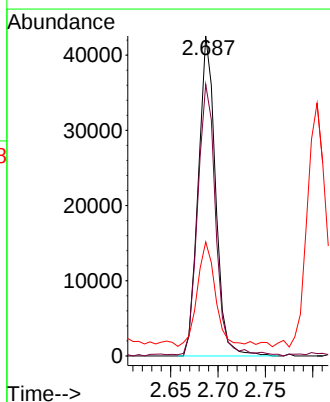
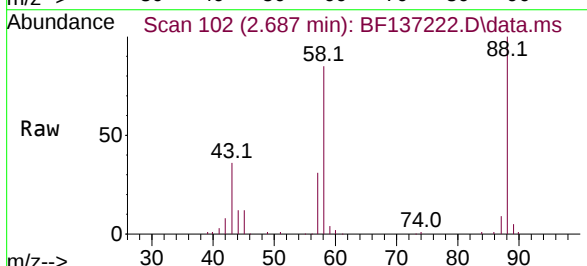
Manual Integrations
 APPROVED

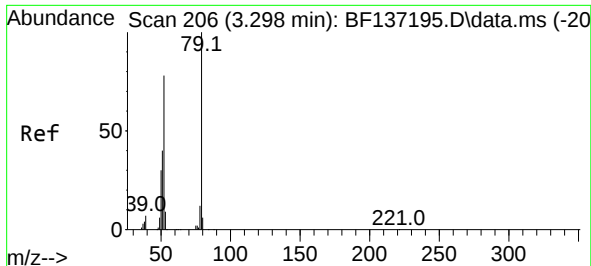
Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024



#2
 1,4-Dioxane
 Concen: 32.971 ng
 RT: 2.687 min Scan# 102
 Delta R.T. 0.141 min
 Lab File: BF137222.D
 Acq: 31 Jan 2024 20:58

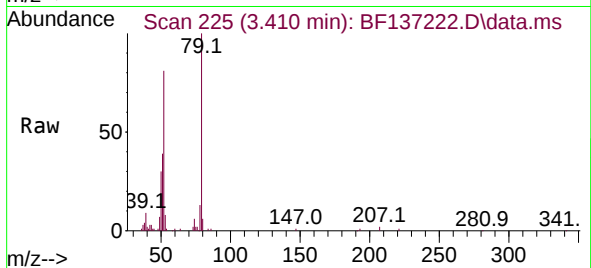
Tgt Ion: 88 Resp: 53801
 Ion Ratio Lower Upper
 88 100
 58 89.3 67.8 101.8
 43 0.0 26.6 40.0#





#3
Pyridine
Concen: 29.773 ng
RT: 3.410 min Scan# 210
Delta R.T. 0.112 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

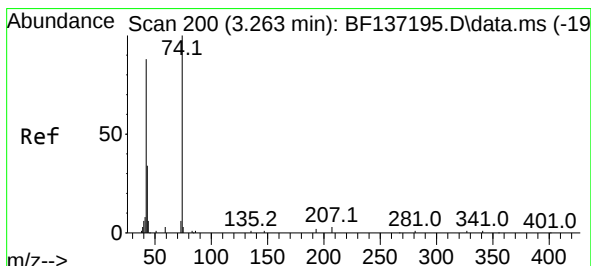
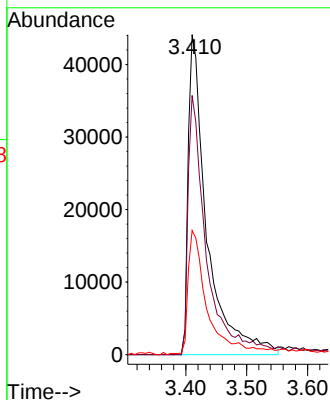
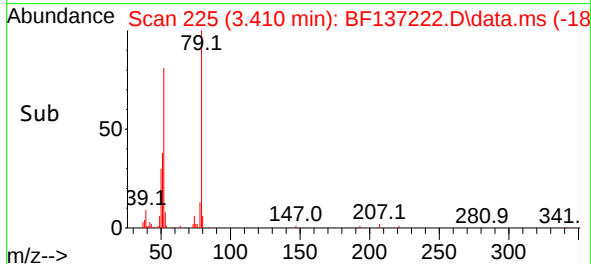
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



Tgt Ion: 79 Resp: 94295
Ion Ratio Lower Upper
79 100
52 81.0 62.6 94.0
51 38.8 33.0 49.4

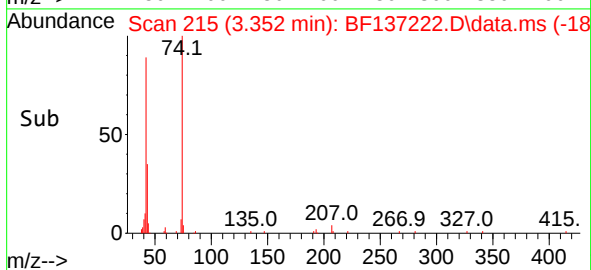
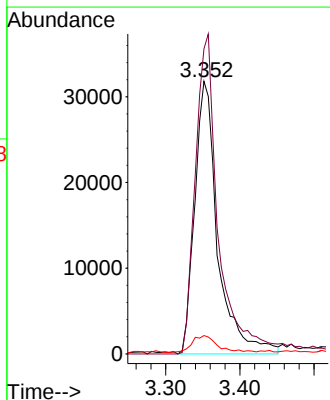
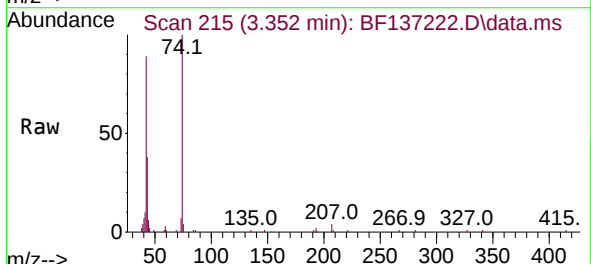
Manual Integrations
APPROVED

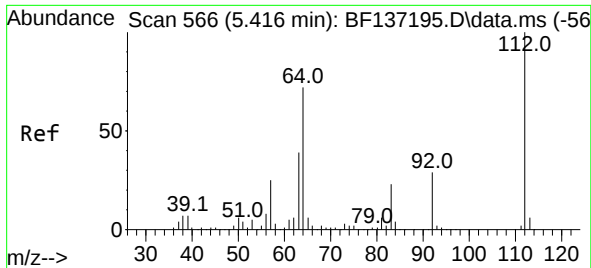
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#4
n-Nitrosodimethylamine
Concen: 42.038 ng
RT: 3.352 min Scan# 215
Delta R.T. 0.089 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

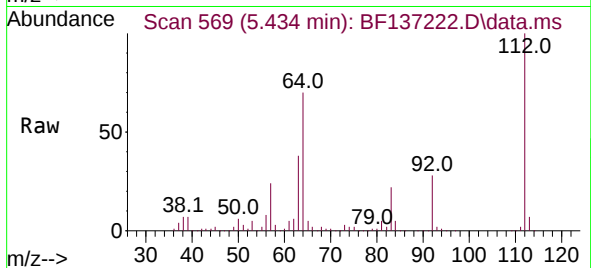
Tgt Ion: 42 Resp: 68476
Ion Ratio Lower Upper
42 100
74 111.9 90.5 135.7
44 6.7 6.1 9.1





#5
2-Fluorophenol
Concen: 121.975 ng
RT: 5.434 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

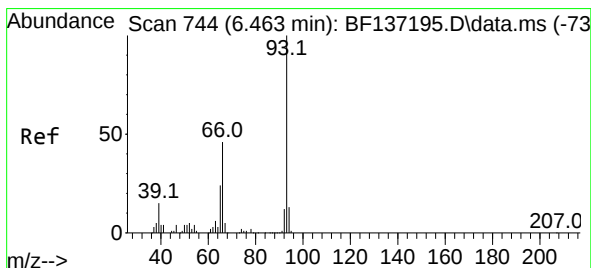
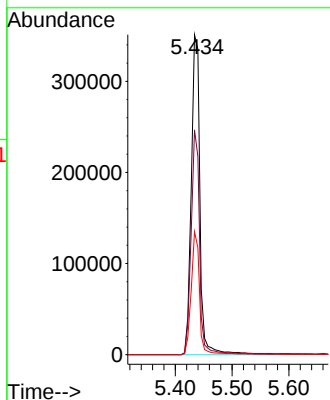
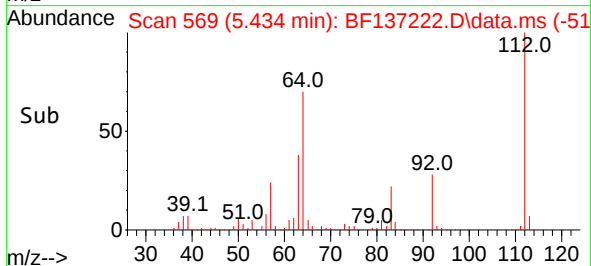
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



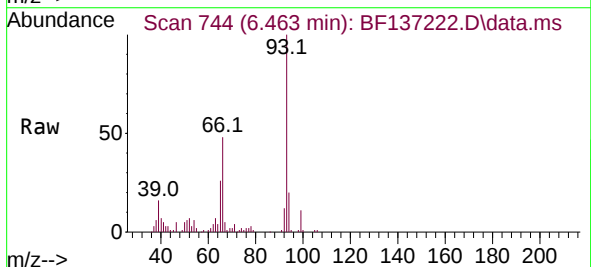
Tgt Ion:112 Resp: 371982
Ion Ratio Lower Upper
112 100
64 70.2 57.8 86.6
63 38.4 31.4 47.0

Manual Integrations
APPROVED

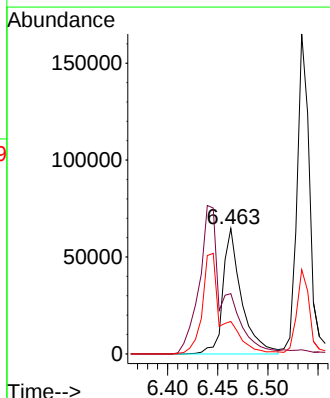
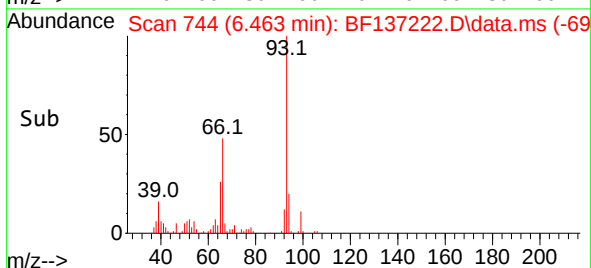
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

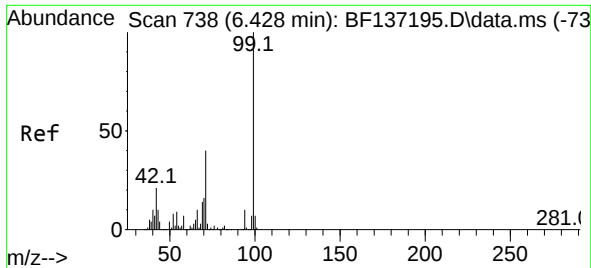


#6
Aniline
Concen: 17.990 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58



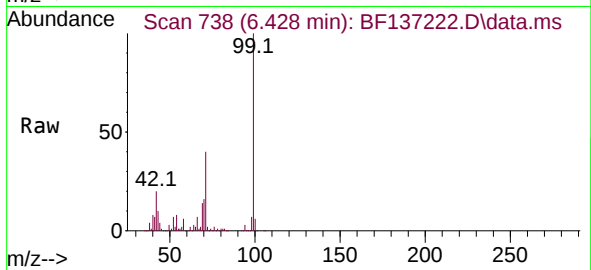
Tgt Ion: 93 Resp: 83816
Ion Ratio Lower Upper
93 100
66 48.0 37.9 56.9
65 25.8 19.0 28.4





#7
Phenol-d6
Concen: 104.717 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

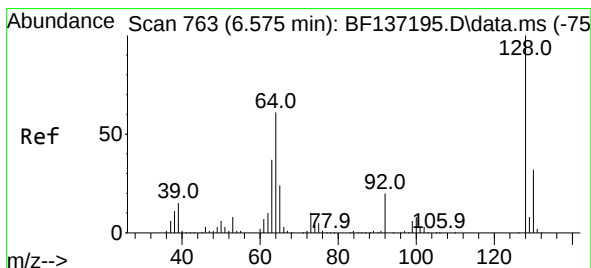
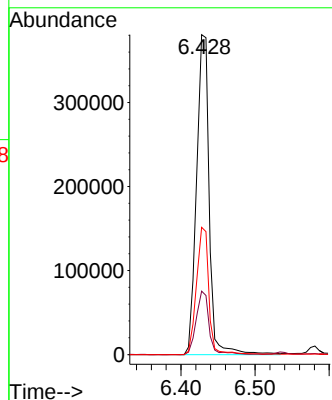
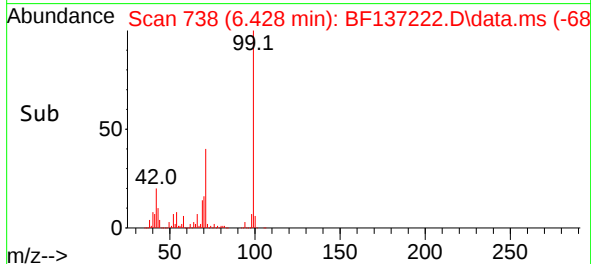
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



Tgt Ion: 99 Resp: 455748
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 39.8 32.4 48.6

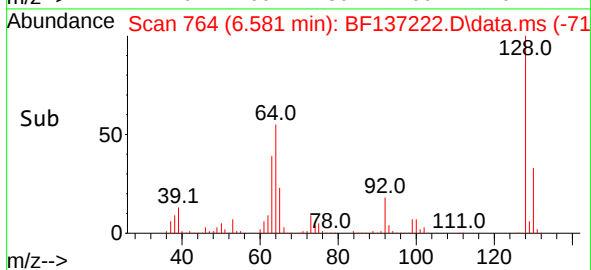
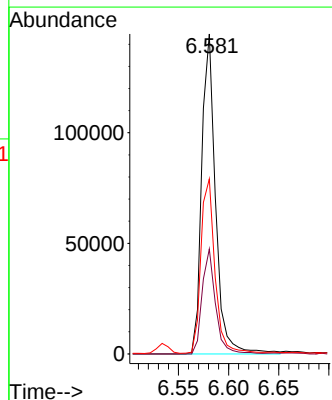
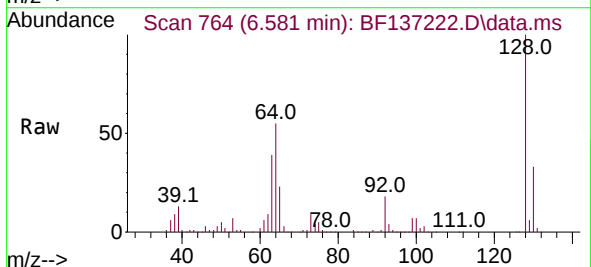
Manual Integrations
APPROVED

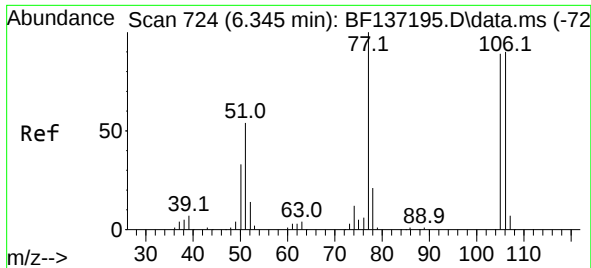
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#8
2-Chlorophenol
Concen: 40.686 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

Tgt Ion:128 Resp: 138736
Ion Ratio Lower Upper
128 100
130 32.8 12.4 52.4
64 54.7 41.6 81.6





#9

Benzaldehyde

Concen: 19.057 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

Instrument :

BNA_F

ClientSampleId :

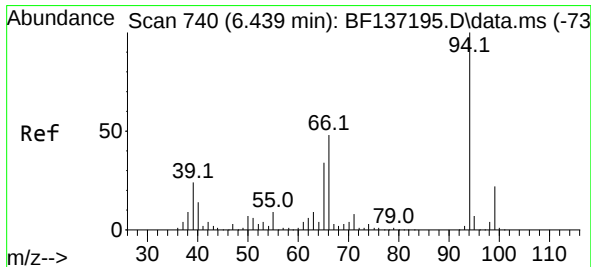
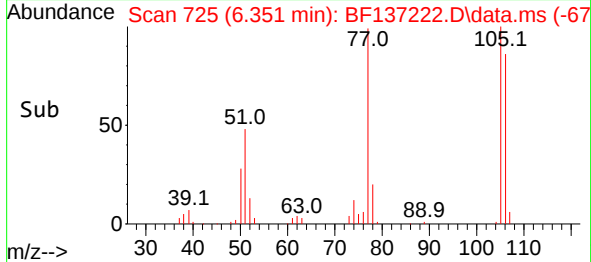
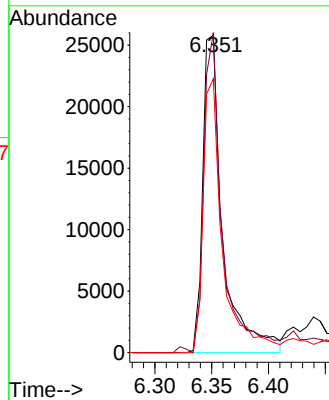
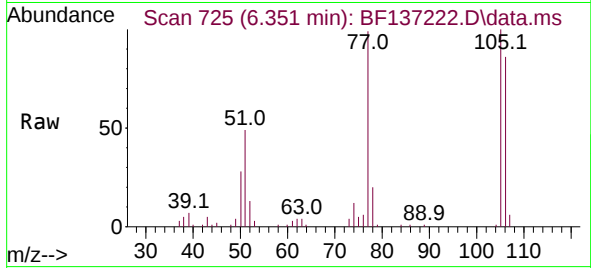
WC-SOIL-20240126MSD

Tgt Ion: 77	Resp: 31586
Ion Ratio	Lower Upper
77 100	
105 100.8	69.1 109.1
106 86.3	69.6 109.6

Manual Integrations

APPROVED

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



#10

Phenol

Concen: 33.999 ng

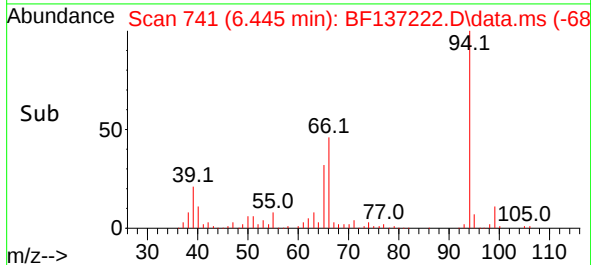
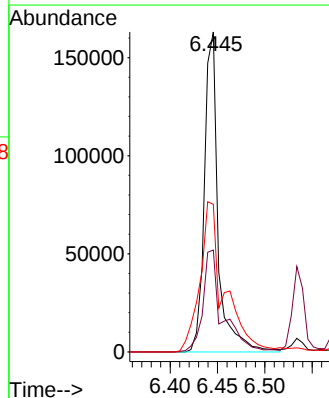
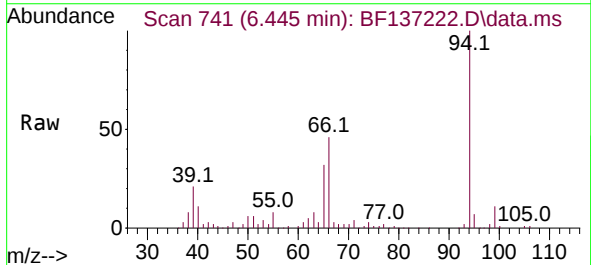
RT: 6.445 min Scan# 741

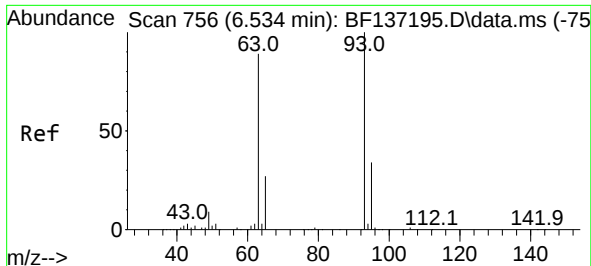
Delta R.T. 0.006 min

Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

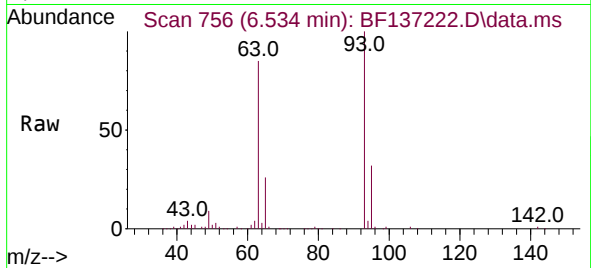
Tgt Ion: 94	Resp: 165166
Ion Ratio	Lower Upper
94 100	
65 31.8	13.7 53.7
66 46.2	27.8 67.8





#11
bis(2-Chloroethyl)ether
Concen: 42.343 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

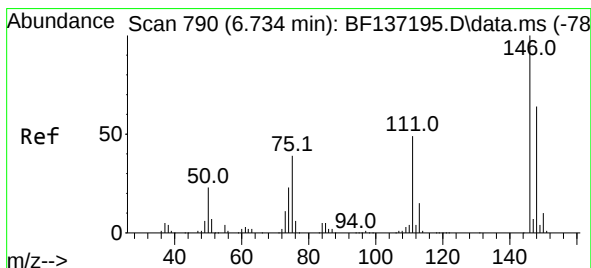
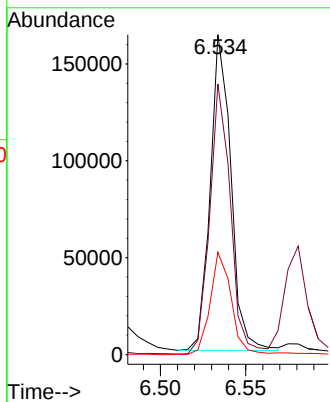
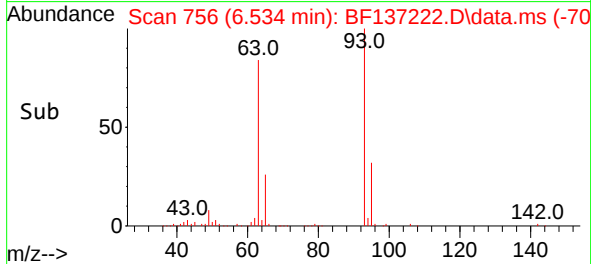
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



Tgt Ion: 93 Resp: 137469
Ion Ratio Lower Upper
93 100
63 84.6 66.7 106.7
95 32.0 12.7 52.7

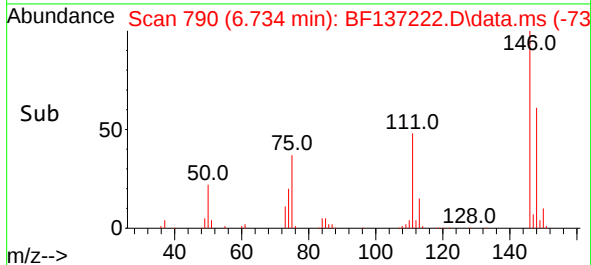
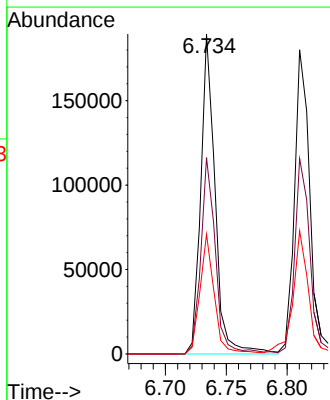
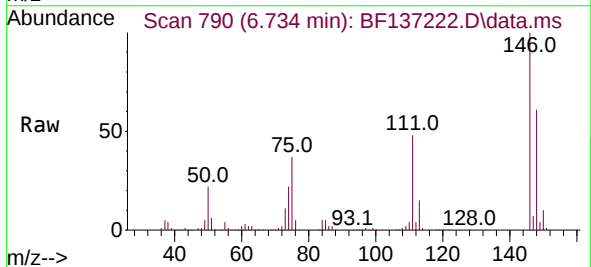
Manual Integrations
APPROVED

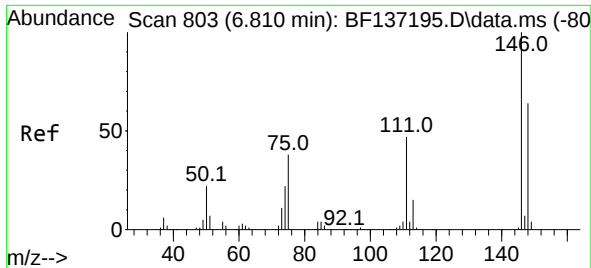
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#12
1,3-Dichlorobenzene
Concen: 39.006 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

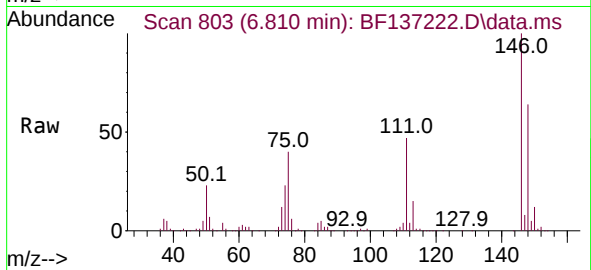
Tgt Ion:146 Resp: 155945
Ion Ratio Lower Upper
146 100
148 61.3 51.4 77.0
75 37.4 31.3 46.9





#13
1,4-Dichlorobenzene
Concen: 38.176 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

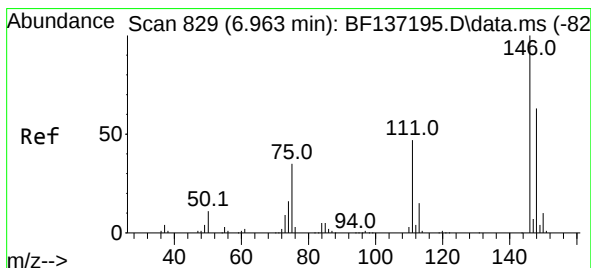
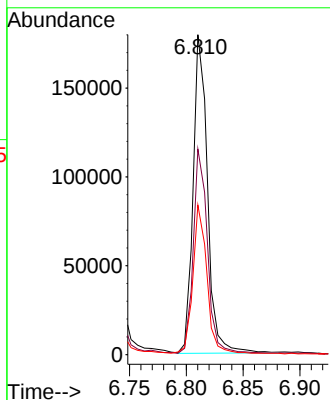
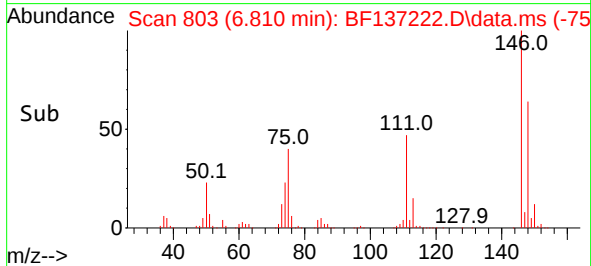
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



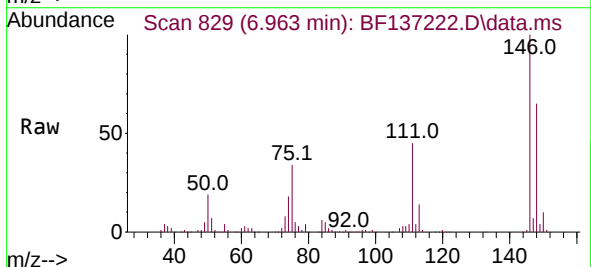
Tgt Ion:146 Resp: 157846
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 46.7 38.1 57.1

Manual Integrations
APPROVED

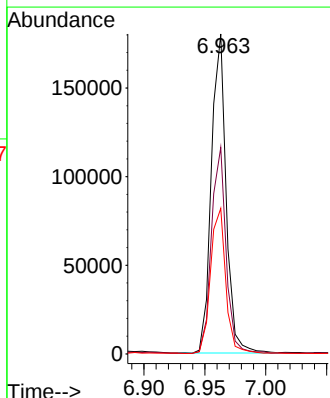
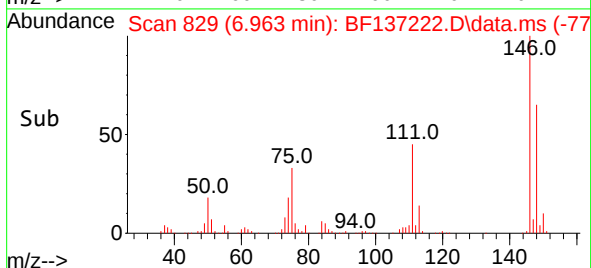
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

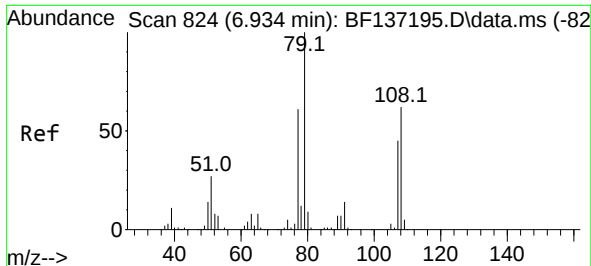


#14
1,2-Dichlorobenzene
Concen: 39.413 ng
RT: 6.963 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58



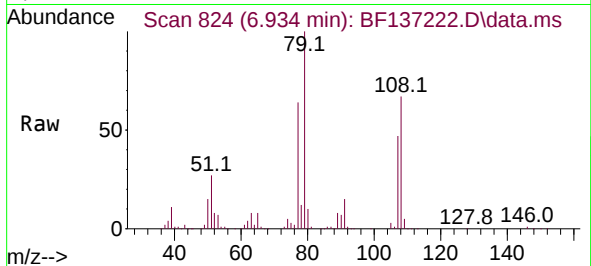
Tgt Ion:146 Resp: 152366
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
111 45.5 37.3 55.9





#15
Benzyl Alcohol
Concen: 43.662 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

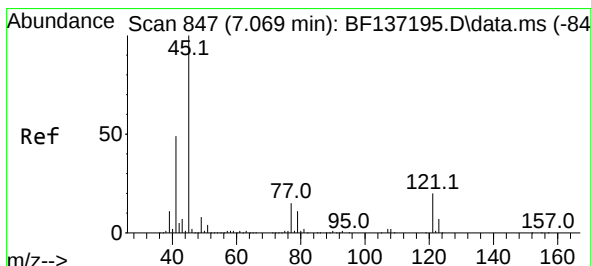
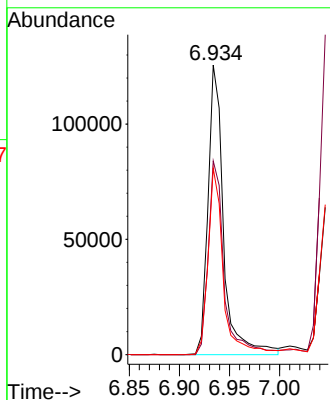
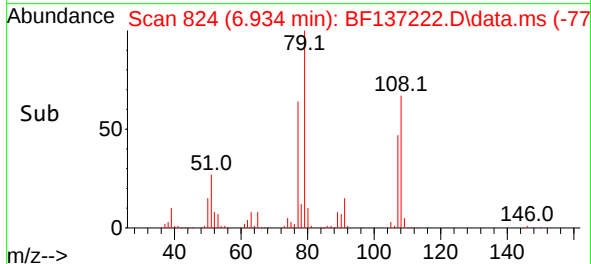
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



Tgt Ion: 79 Resp: 135002
Ion Ratio Lower Upper
79 100
108 66.9 49.3 73.9
77 64.4 48.8 73.2

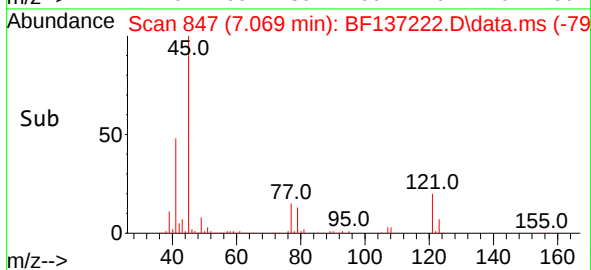
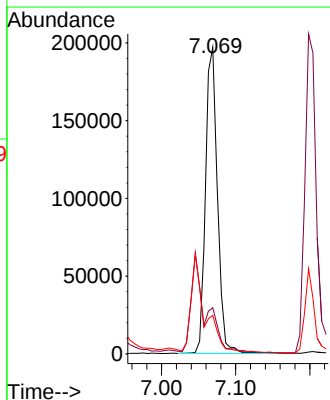
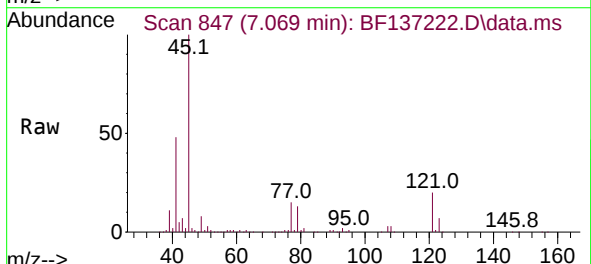
Manual Integrations
APPROVED

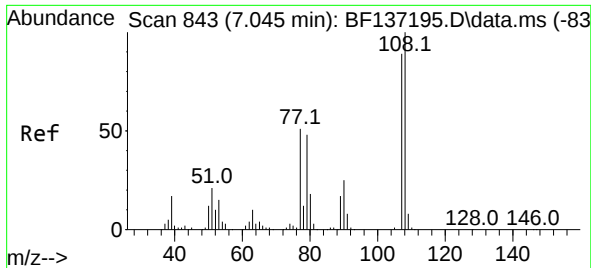
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.582 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

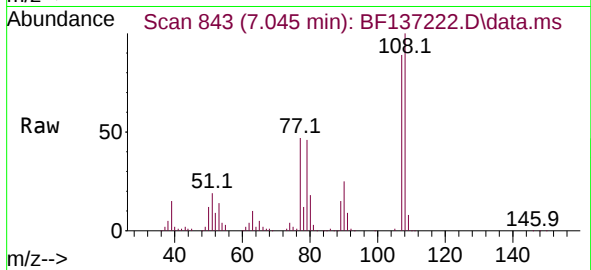
Tgt Ion: 45 Resp: 219791
Ion Ratio Lower Upper
45 100
77 15.0 0.0 35.9
79 12.6 0.0 32.4





#17
2-Methylphenol
Concen: 41.077 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

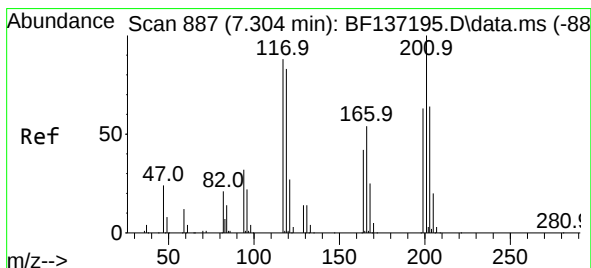
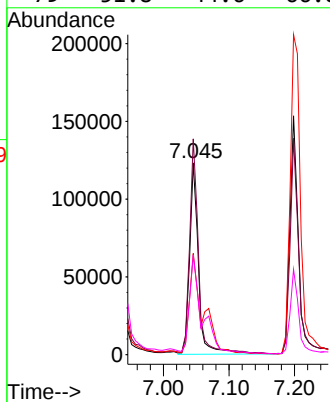
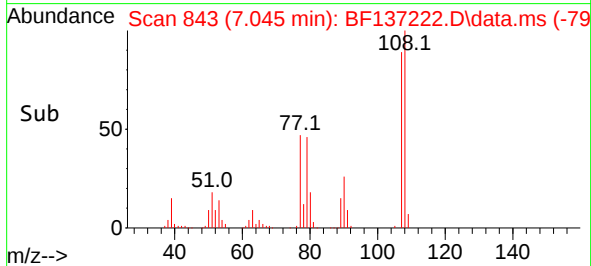
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.9	134.9
77	52.8	46.6	69.8
79	51.8	44.6	66.8

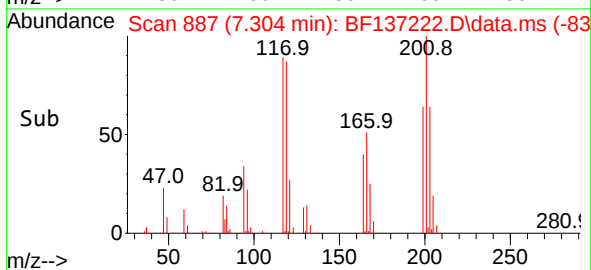
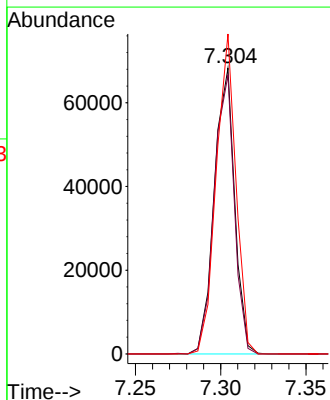
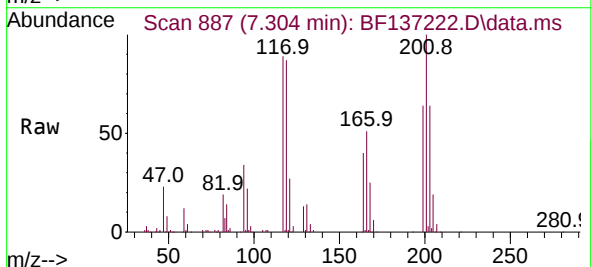
Manual Integrations
APPROVED

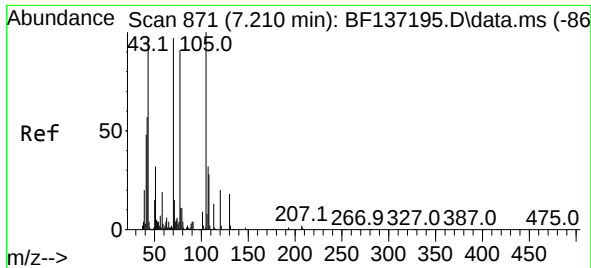
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#18
Hexachloroethane
Concen: 38.182 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

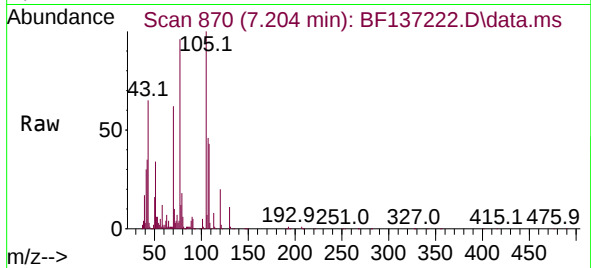
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.2	114.4
201	112.0	91.4	137.0





#19
n-Nitroso-di-n-propylamine
Concen: 40.069 ng
RT: 7.204 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

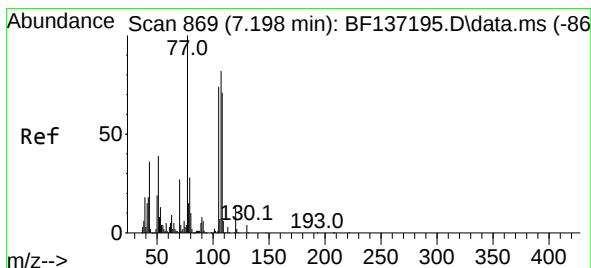
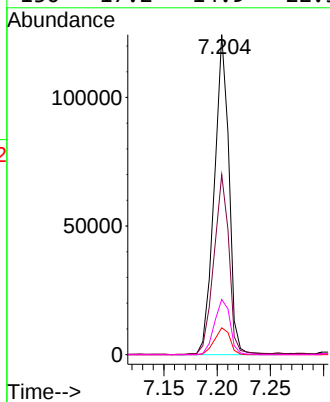
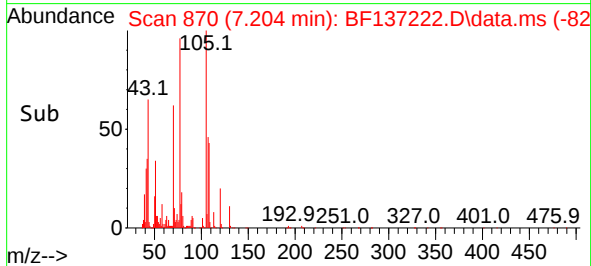
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



Tgt Ion: 70 Resp: 119568
Ion Ratio Lower Upper
70 100
42 56.2 47.2 70.8
101 8.4 7.4 11.0
130 17.2 14.9 22.3

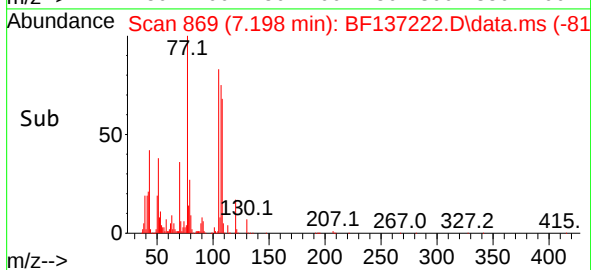
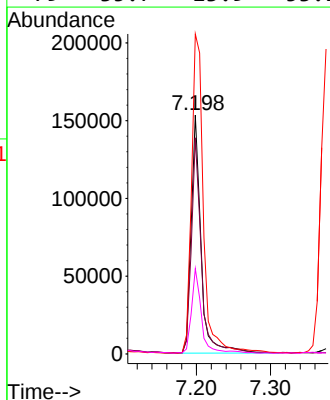
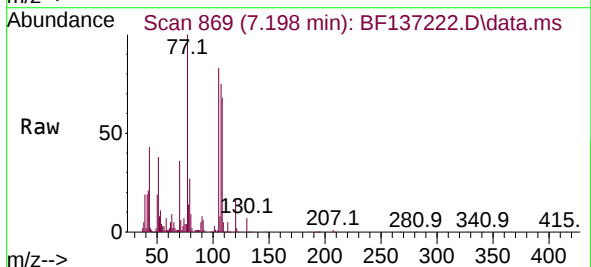
Manual Integrations
APPROVED

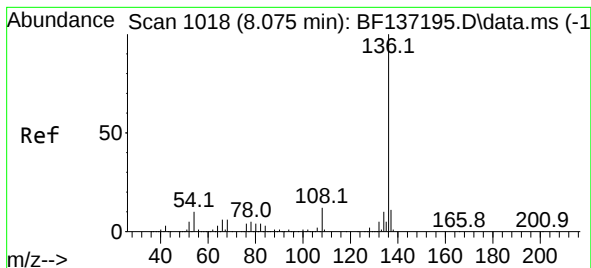
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#20
3+4-Methylphenols
Concen: 39.669 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

Tgt Ion:107 Resp: 143059
Ion Ratio Lower Upper
107 100
108 90.5 66.3 106.3
77 134.0 101.4 141.4
79 35.7 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: BF137222.D

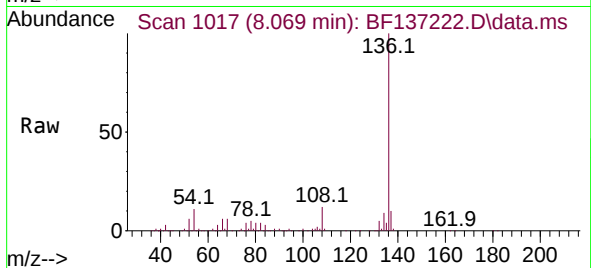
Acq: 31 Jan 2024 20:58

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MSD



Tgt Ion:136 Resp: 184763

Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 11.1 7.8 11.8

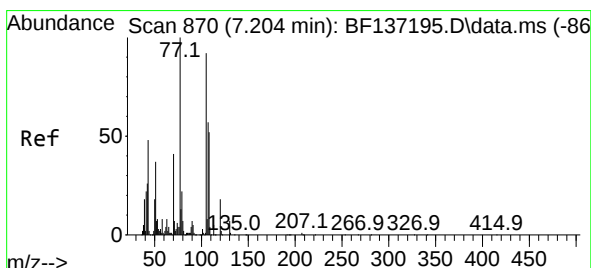
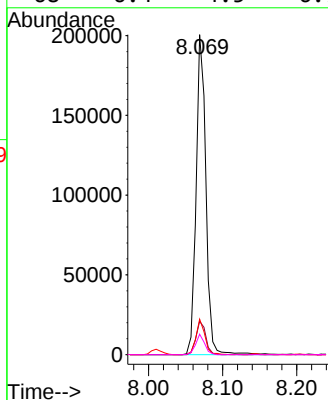
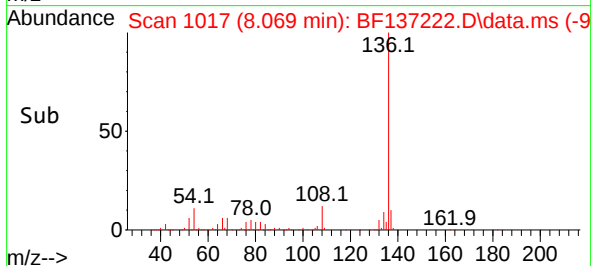
68 6.4 4.5 6.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024

Supervised By :Sohil Jodhani 02/02/2024



#22

Acetophenone

Concen: 42.221 ng

RT: 7.204 min Scan# 870

Delta R.T. 0.000 min

Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

Tgt Ion:105 Resp: 210009

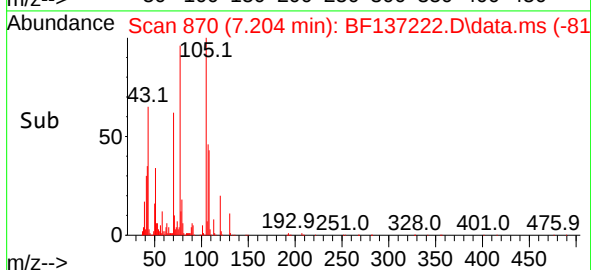
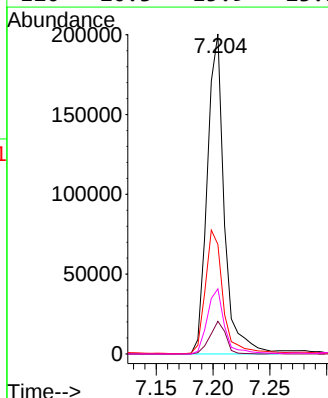
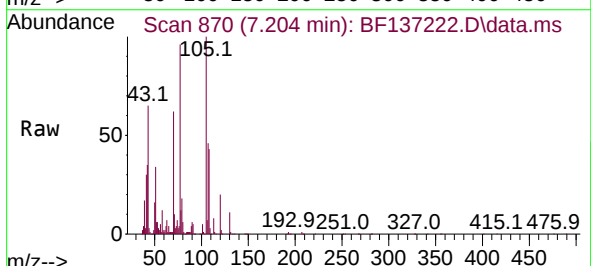
Ion Ratio Lower Upper

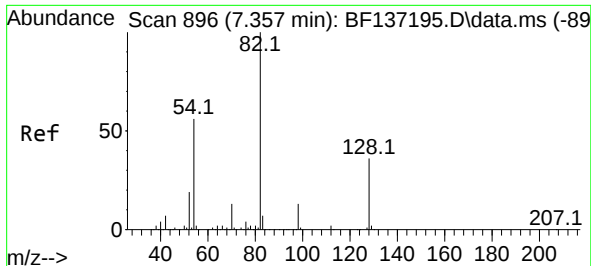
105 100

71 10.2 5.7 8.5

51 34.2 32.2 48.4

120 20.3 15.9 23.9





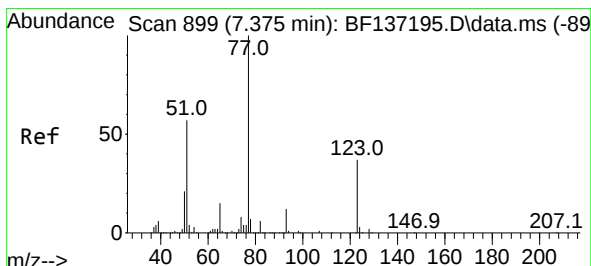
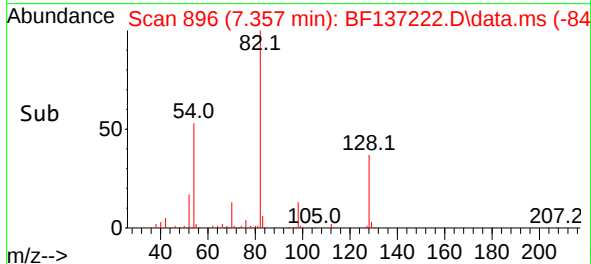
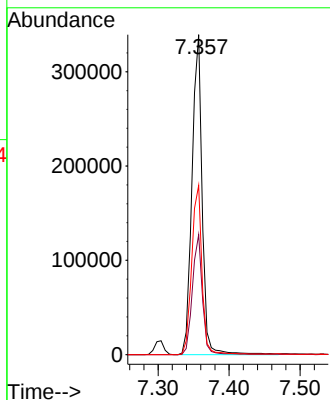
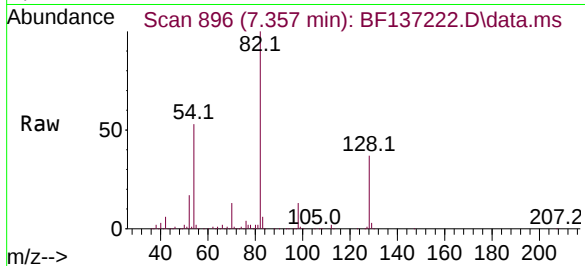
#23
Nitrobenzene-d5
Concen: 82.184 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD

Tgt Ion: 82 Resp: 339154
Ion Ratio Lower Upper
82 100
128 37.5 29.1 43.7
54 52.9 45.0 67.6

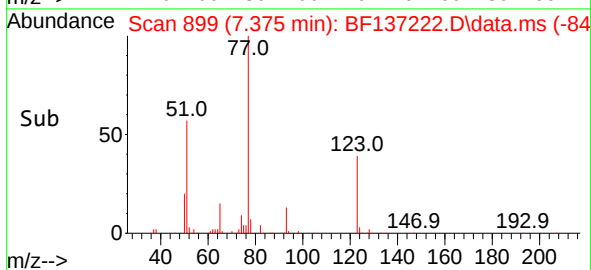
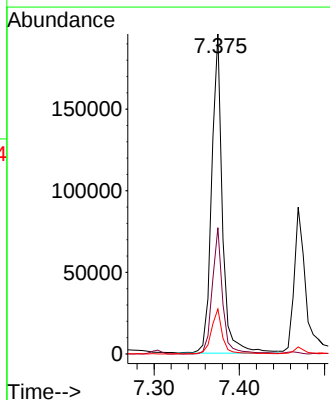
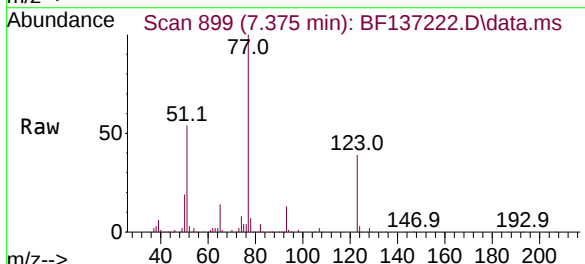
Manual Integrations
APPROVED

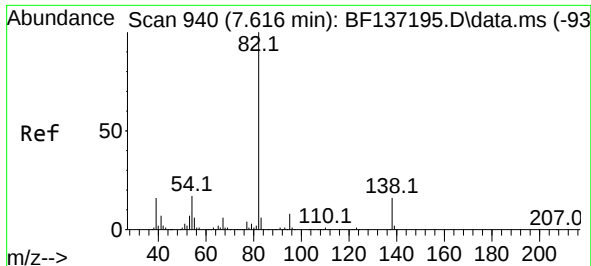
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#24
Nitrobenzene
Concen: 42.877 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

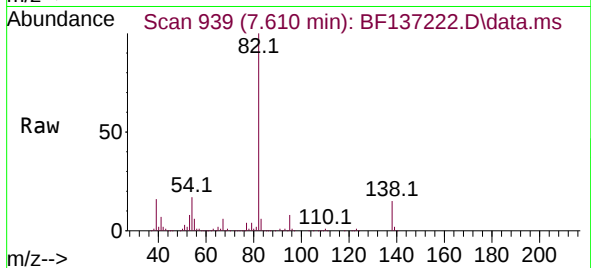
Tgt Ion: 77 Resp: 171740
Ion Ratio Lower Upper
77 100
123 39.4 29.3 43.9
65 14.1 12.0 18.0





#25
Isophorone
Concen: 41.651 ng
RT: 7.610 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

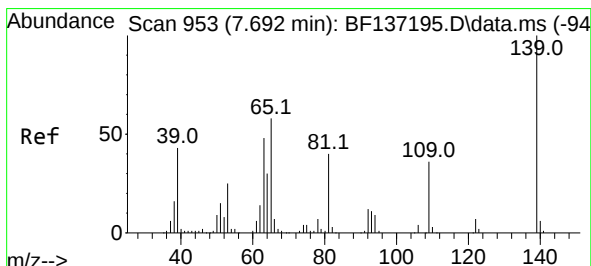
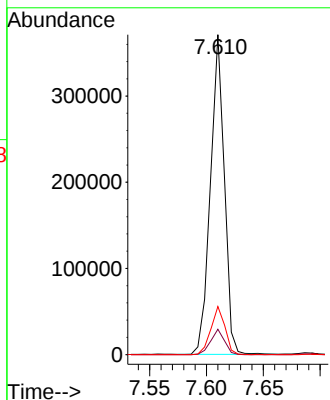
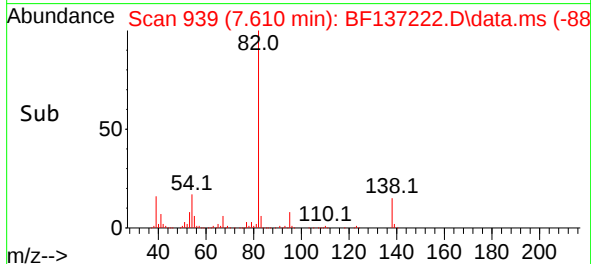
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



Tgt Ion: 82 Resp: 317259
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 15.0 12.7 19.1

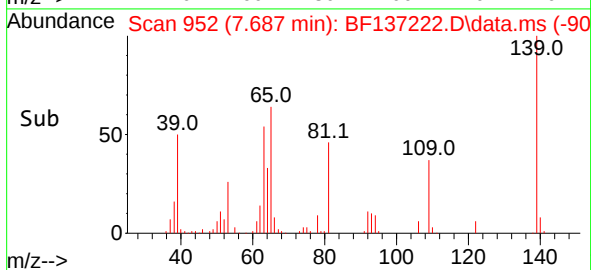
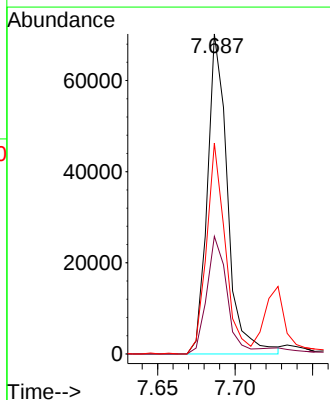
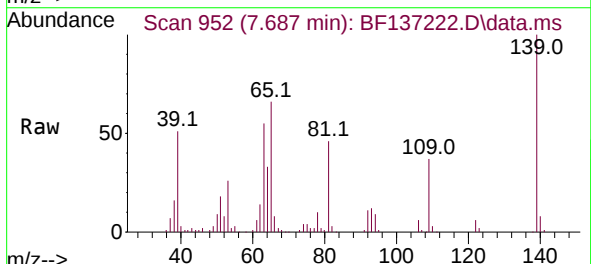
Manual Integrations
APPROVED

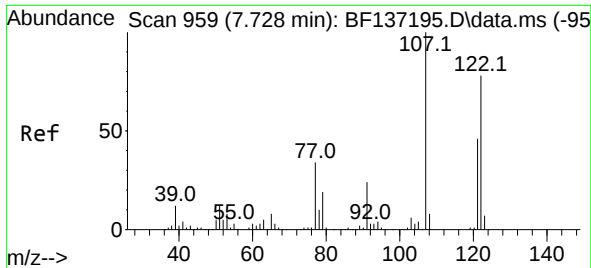
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#26
2-Nitrophenol
Concen: 41.367 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.005 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

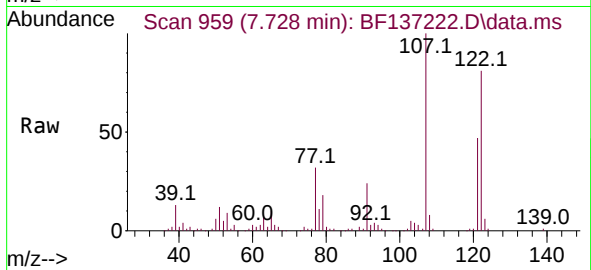
Tgt Ion:139 Resp: 63593
Ion Ratio Lower Upper
139 100
109 36.7 28.5 42.7
65 65.9 46.7 70.1





#27
2,4-Dimethylphenol
Concen: 45.273 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

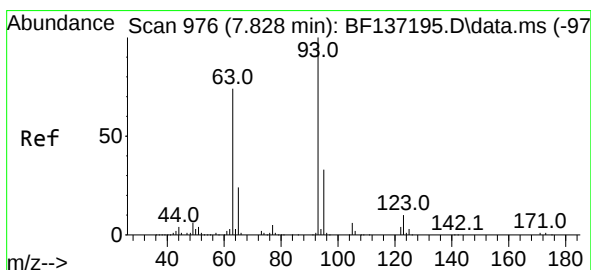
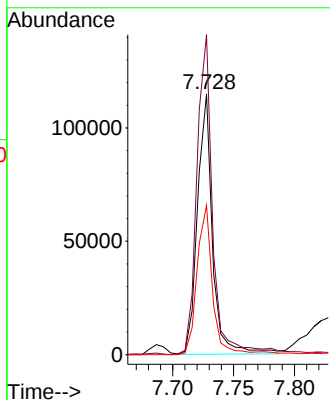
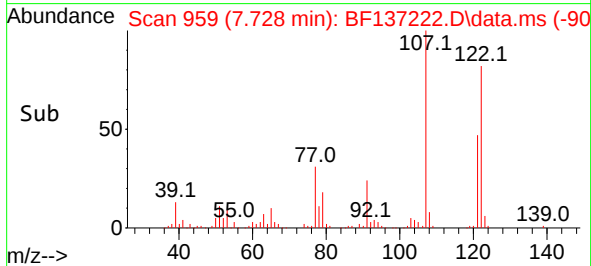
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



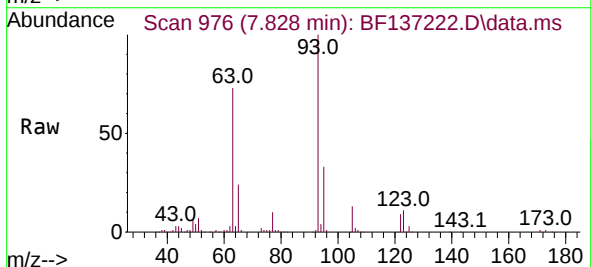
Tgt Ion:122 Resp: 98568
Ion Ratio Lower Upper
122 100
107 122.8 101.8 152.6
121 57.3 46.6 69.8

Manual Integrations
APPROVED

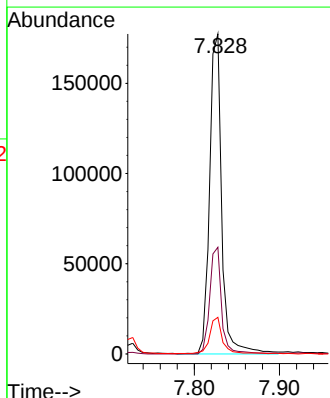
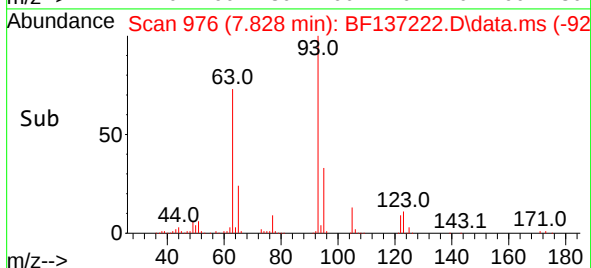
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

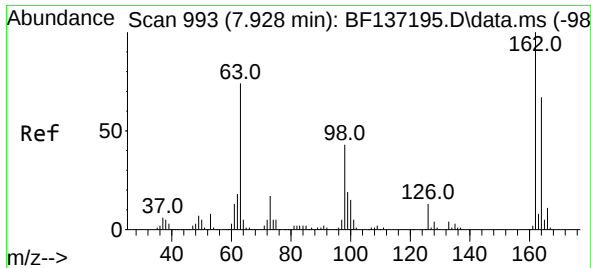


#28
bis(2-Chloroethoxy)methane
Concen: 43.343 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58



Tgt Ion: 93 Resp: 175322
Ion Ratio Lower Upper
93 100
95 33.3 26.1 39.1
123 11.4 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 43.529 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MSD

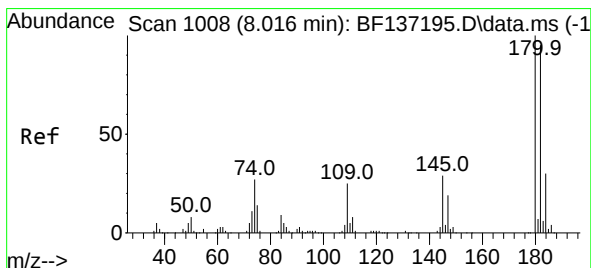
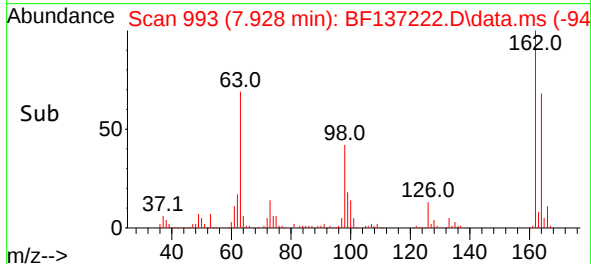
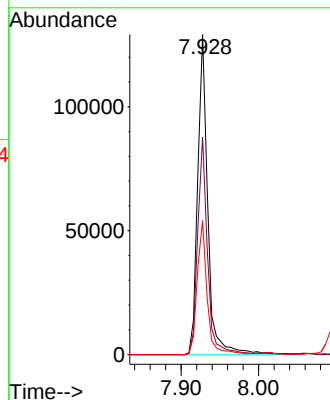
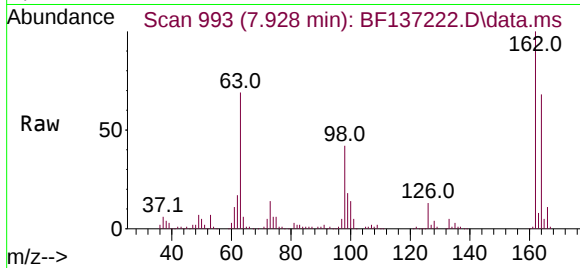
Tgt Ion:162 Resp: 117568

Ion	Ratio	Lower	Upper
162	100		
164	67.9	46.7	86.7
98	41.9	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: 41.418 ng

RT: 8.010 min Scan# 1007

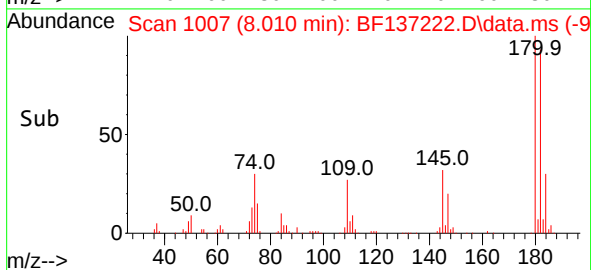
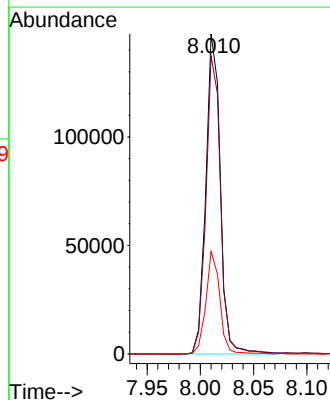
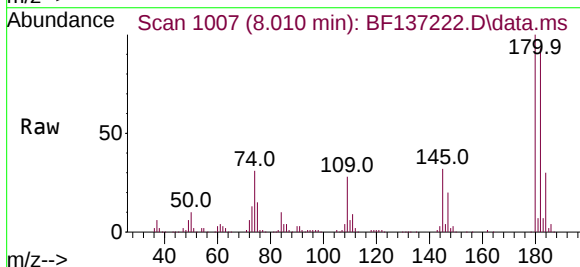
Delta R.T. -0.006 min

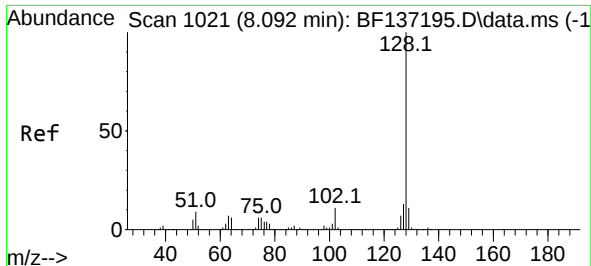
Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

Tgt Ion:180 Resp: 138954

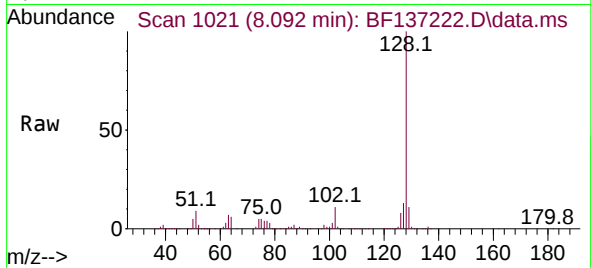
Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.9	113.9
145	32.0	23.2	34.8





#31
Naphthalene
Concen: 40.895 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

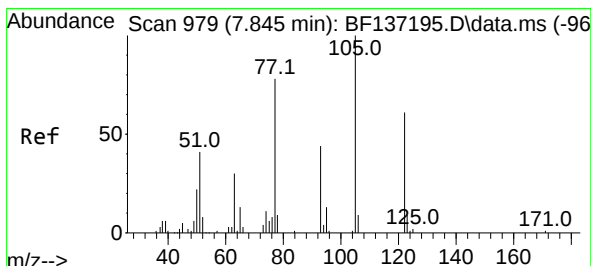
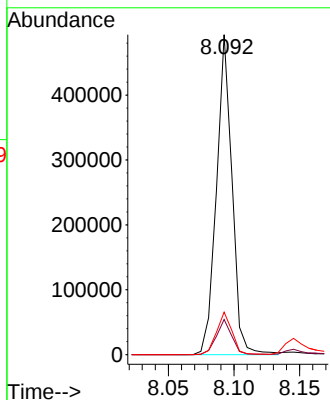
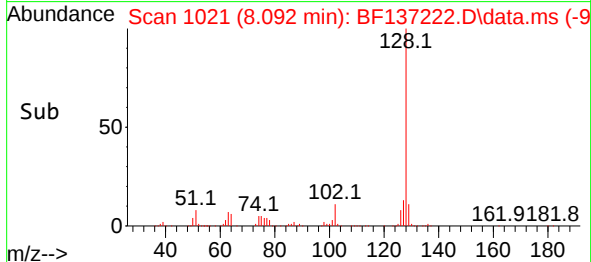
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



Tgt Ion:128 Resp: 408475
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.3 10.5 15.7

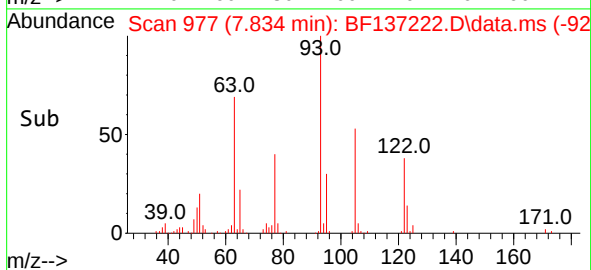
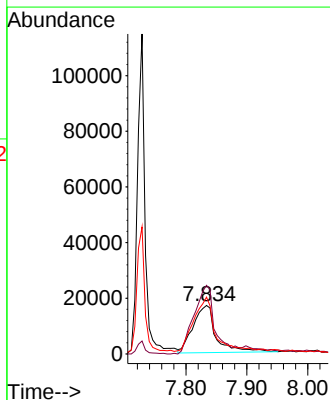
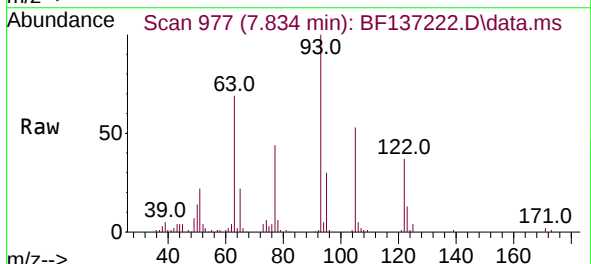
Manual Integrations
APPROVED

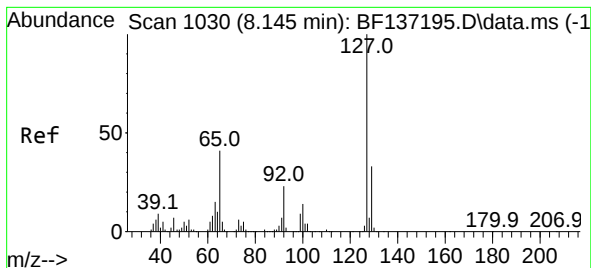
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#32
Benzoic acid
Concen: 32.687 ng
RT: 7.834 min Scan# 977
Delta R.T. -0.011 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

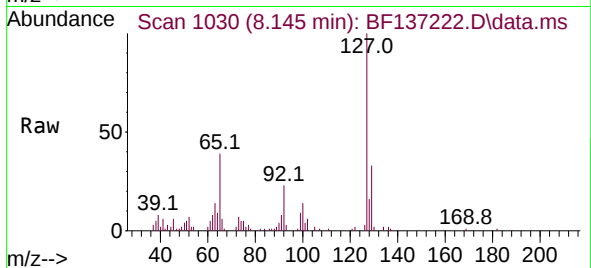
Tgt Ion:122 Resp: 44746
Ion Ratio Lower Upper
122 100
105 141.7 122.5 162.5
77 117.4 96.4 136.4





#33
4-Chloroaniline
Concen: 11.227 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD

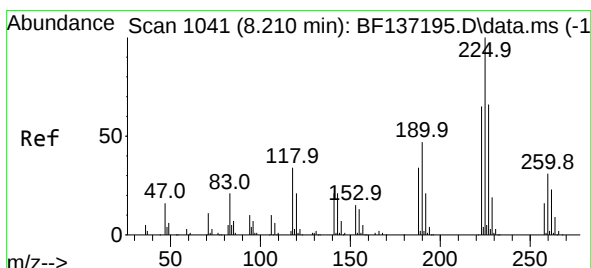
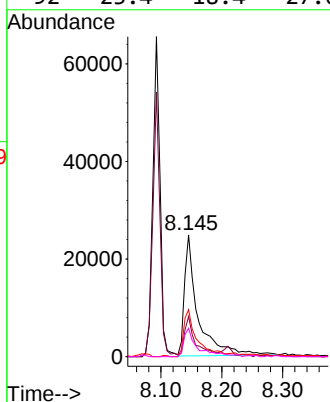
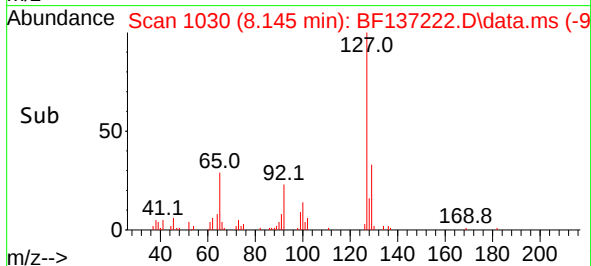


Tgt Ion:127 Resp: 38575

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.8	40.2
65	38.6	32.9	49.3
92	23.4	18.4	27.6

Manual Integrations
APPROVED

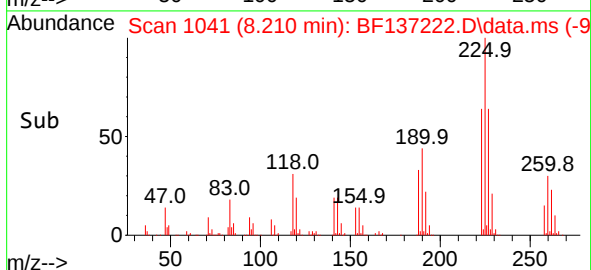
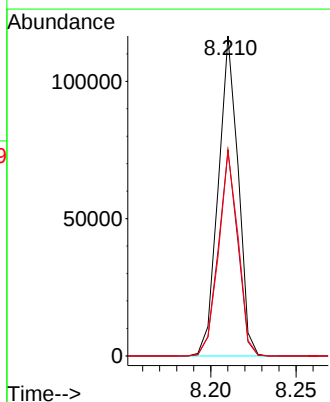
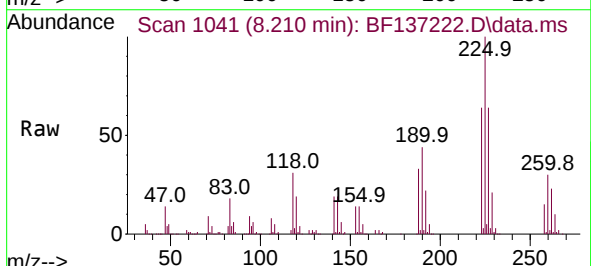
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

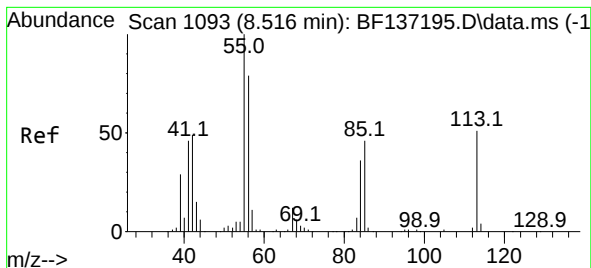


#34
Hexachlorobutadiene
Concen: 42.161 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

Tgt Ion:225 Resp: 94051

Ion	Ratio	Lower	Upper
225	100		
223	64.3	52.0	78.0
227	64.0	52.9	79.3





#35

Caprolactam

Concen: 39.055 ng m

RT: 8.498 min Scan# 1093

Delta R.T. -0.017 min

Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MSD

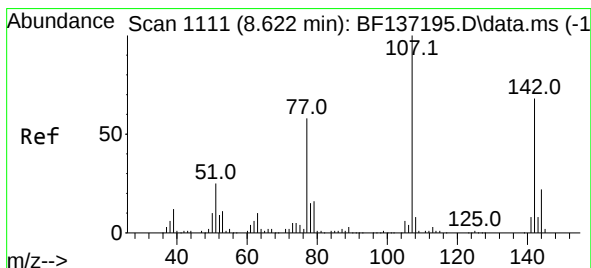
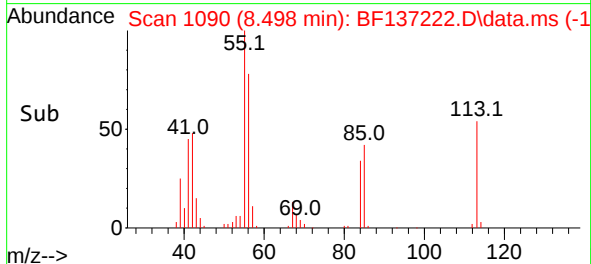
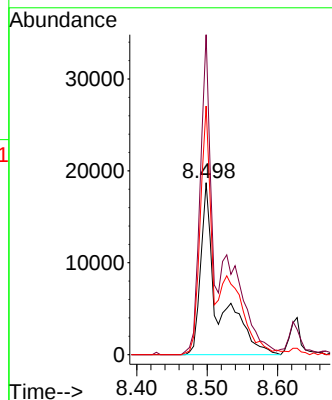
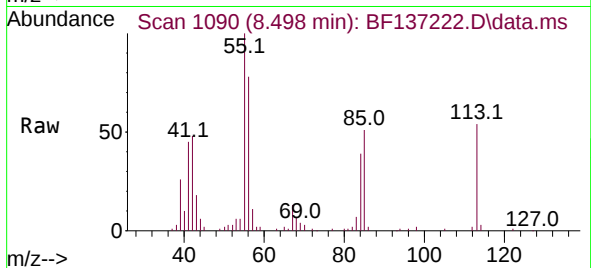
Tgt Ion:113 Resp: 32800

Ion	Ratio	Lower	Upper
113	100		
55	186.1	176.0	216.0
56	144.5	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: 40.860 ng

RT: 8.622 min Scan# 1111

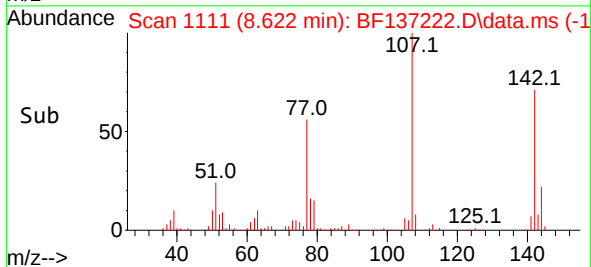
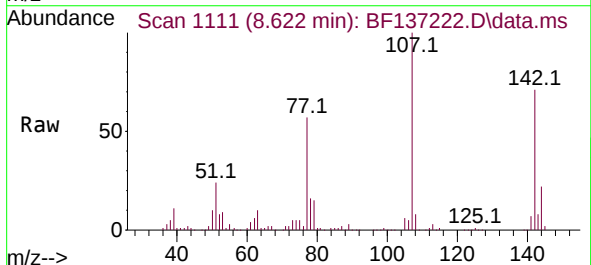
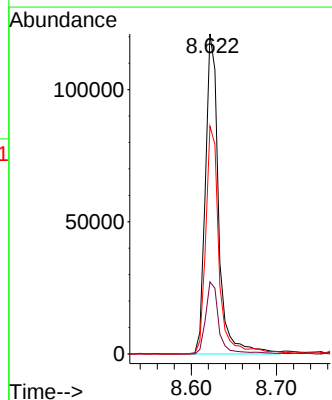
Delta R.T. 0.000 min

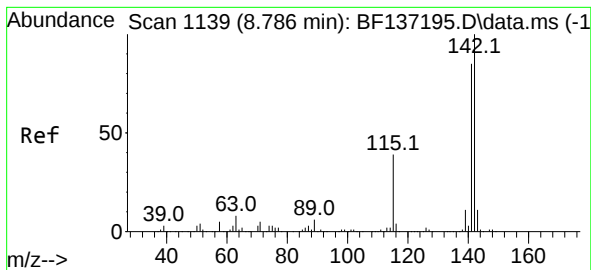
Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

Tgt Ion:107 Resp: 130349

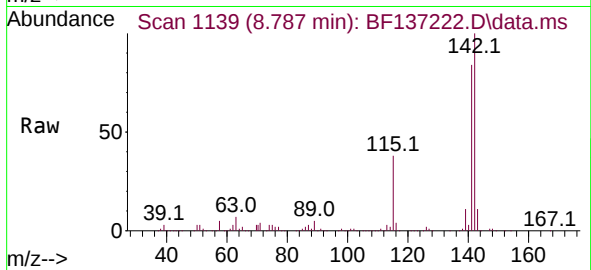
Ion	Ratio	Lower	Upper
107	100		
144	22.5	17.2	25.8
142	71.1	54.6	82.0





#37
2-Methylnaphthalene
Concen: 40.914 ng
RT: 8.787 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

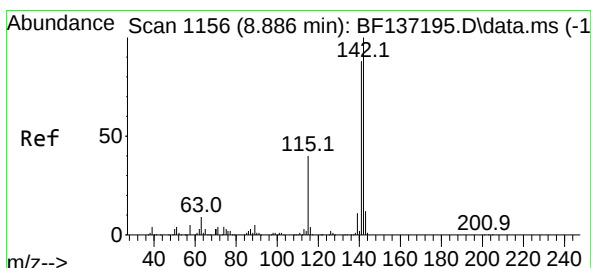
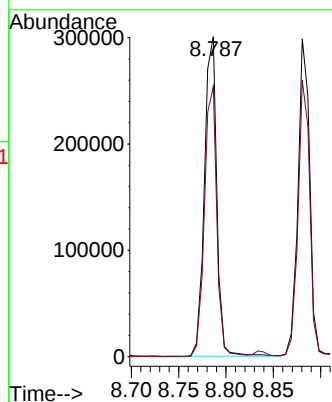
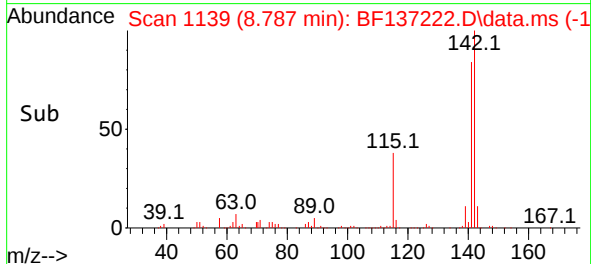
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



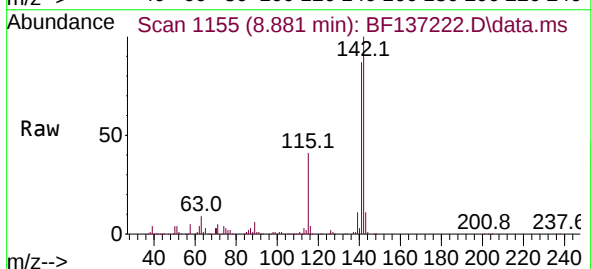
Tgt Ion:142 Resp: 273975
Ion Ratio Lower Upper
142 100
141 84.4 67.8 101.8

Manual Integrations
APPROVED

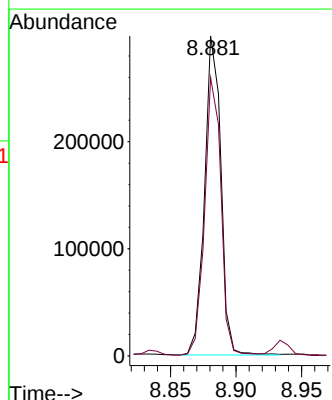
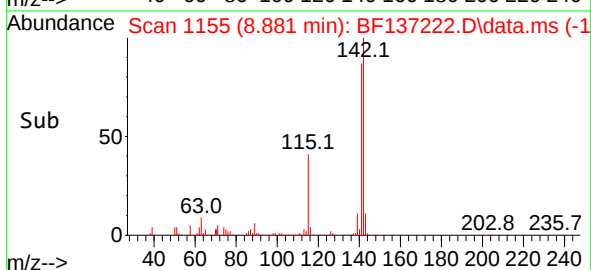
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

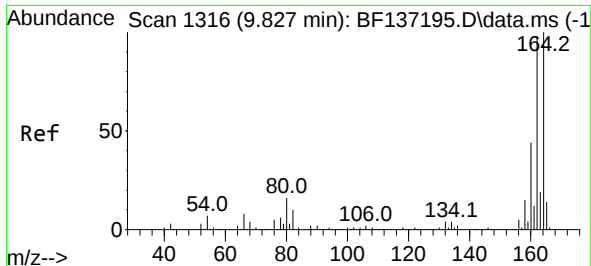


#38
1-Methylnaphthalene
Concen: 41.404 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58



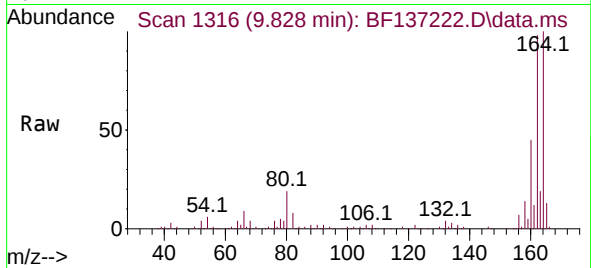
Tgt Ion:142 Resp: 257522
Ion Ratio Lower Upper
142 100
141 86.9 70.6 105.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.001 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

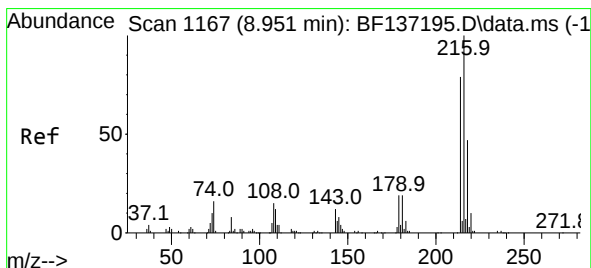
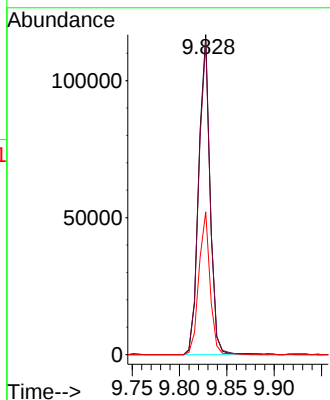
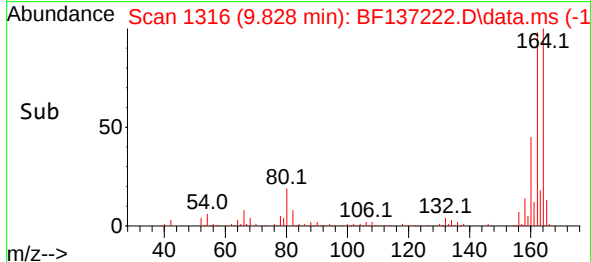
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



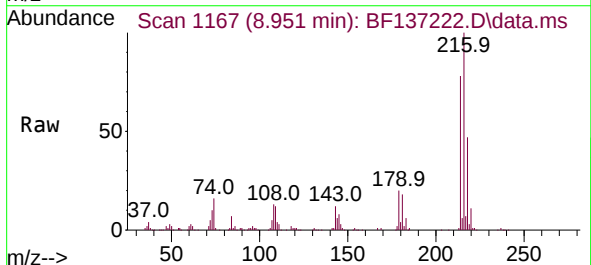
Tgt Ion:164 Resp: 96556
Ion Ratio Lower Upper
164 100
162 97.9 78.3 117.5
160 44.6 35.4 53.2

Manual Integrations
APPROVED

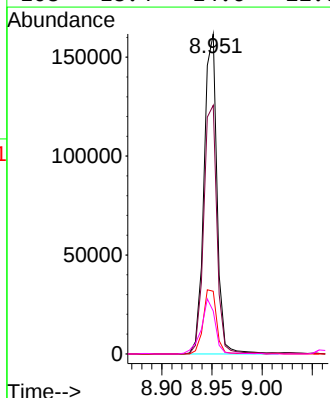
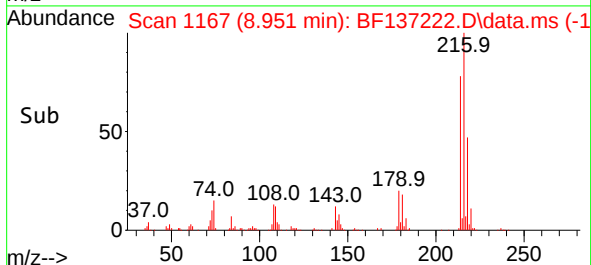
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

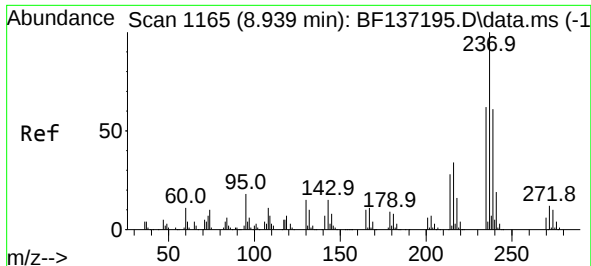


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.963 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58



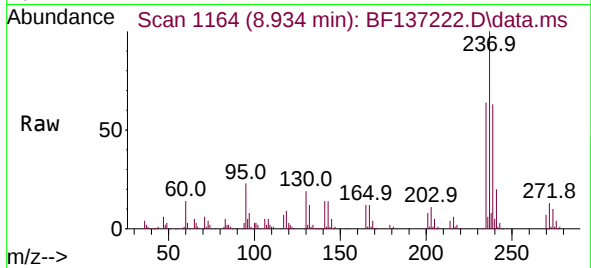
Tgt Ion:216 Resp: 145268
Ion Ratio Lower Upper
216 100
214 79.5 63.9 95.9
179 20.5 16.2 24.2
108 18.4 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 63.383 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

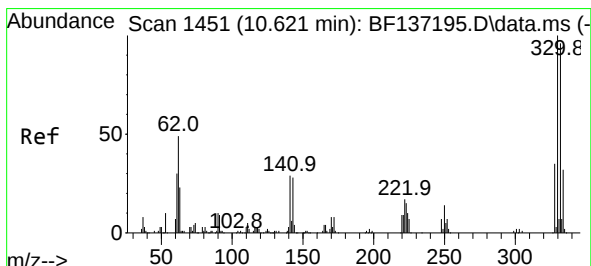
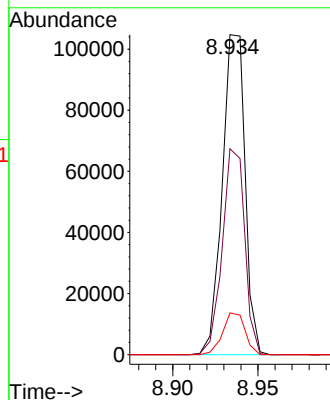
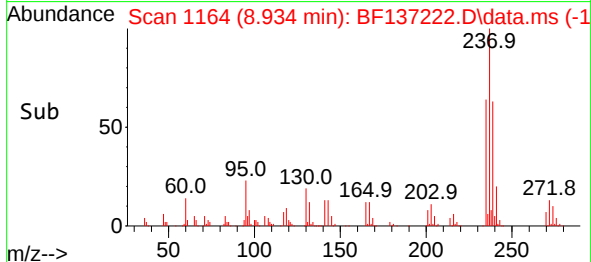
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



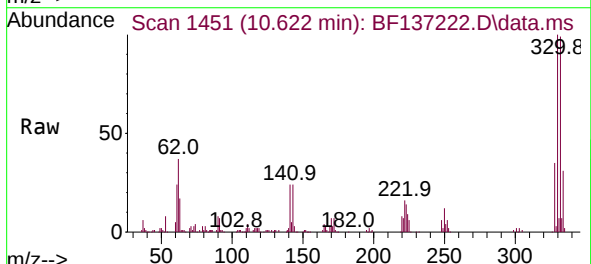
Tgt Ion: 237 Resp: 97535
Ion Ratio Lower Upper
237 100
235 64.3 41.6 81.6
272 13.0 0.0 32.4

Manual Integrations
APPROVED

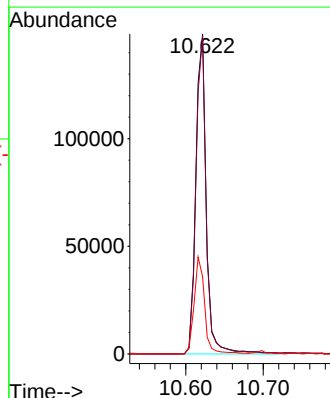
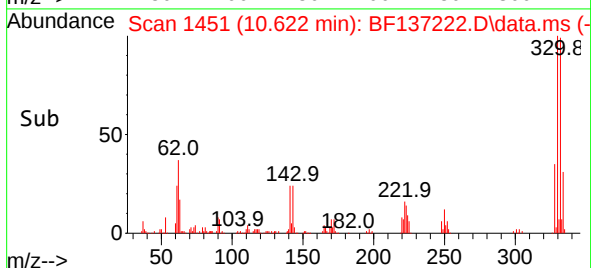
Reviewed By : Jagrut Upadhyay 02/01/2024
Supervised By : Sohil Jodhani 02/02/2024

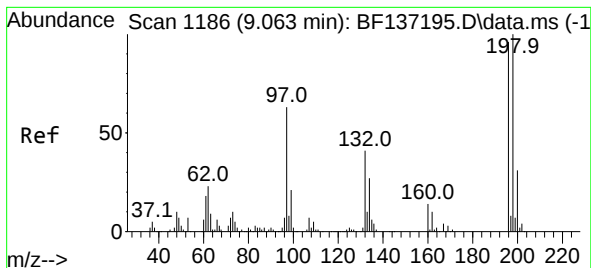


#42
2,4,6-Tribromophenol
Concen: 127.634 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58



Tgt Ion: 330 Resp: 139180
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 30.3 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 47.502 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

Instrument :

BNA_F

ClientSampleId :

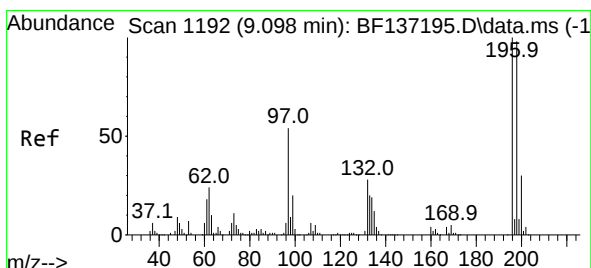
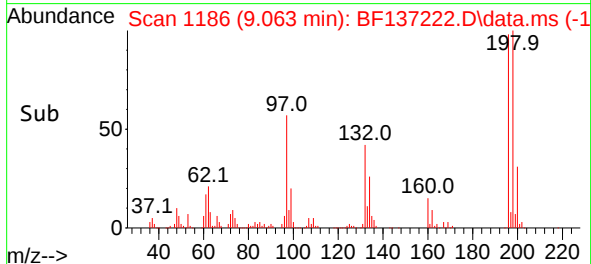
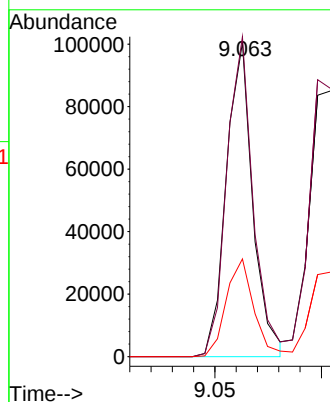
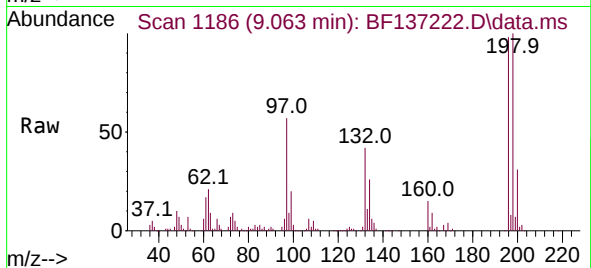
WC-SOIL-20240126MSD

Tgt Ion:196 Resp: 87049
 Ion Ratio Lower Upper
 196 100
 198 101.9 83.0 124.6
 200 31.1 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: 45.200 ng

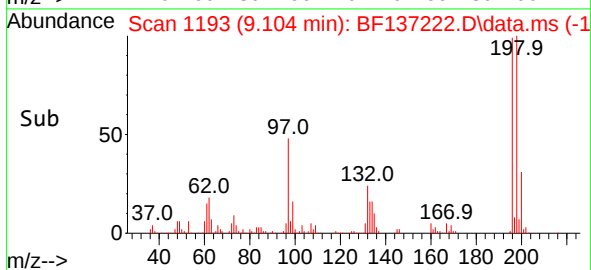
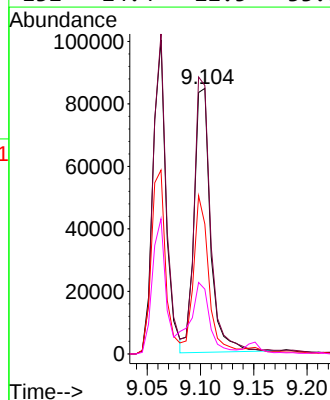
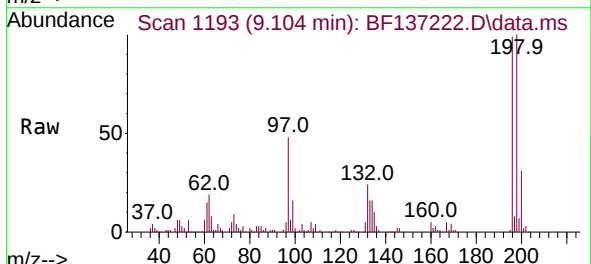
RT: 9.104 min Scan# 1193

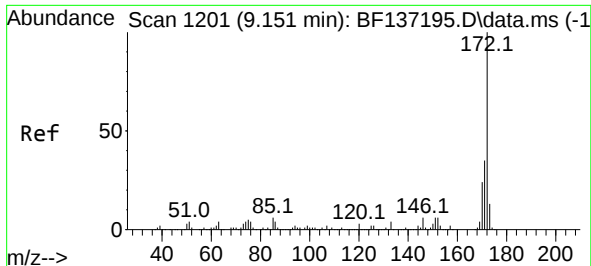
Delta R.T. 0.006 min

Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

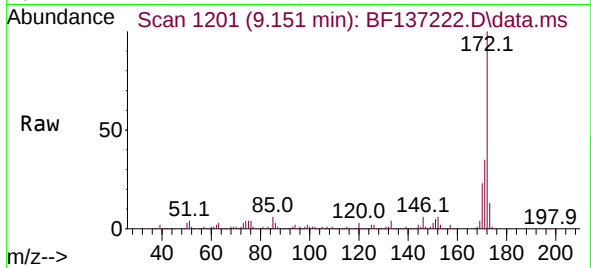
Tgt Ion:196 Resp: 90539
 Ion Ratio Lower Upper
 196 100
 198 101.1 78.2 117.4
 97 48.9 44.2 66.2
 132 24.4 22.5 33.7





#45
2-Fluorobiphenyl
Concen: 86.887 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

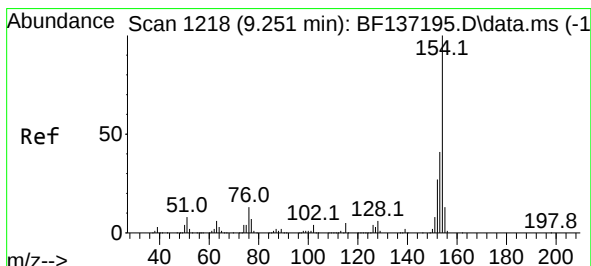
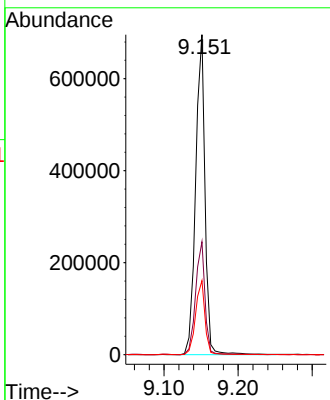
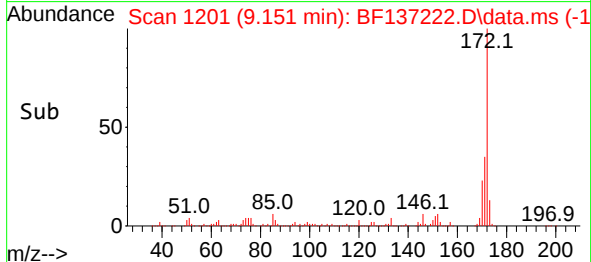
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



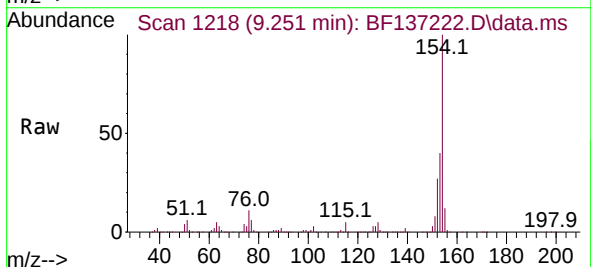
Tgt Ion:172 Resp: 610288
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.1 19.1 28.7

Manual Integrations
APPROVED

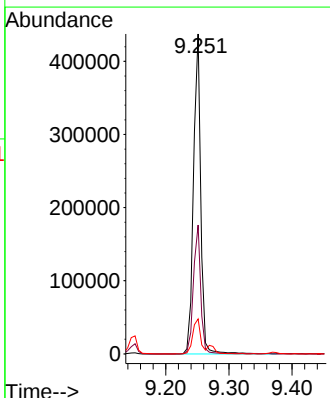
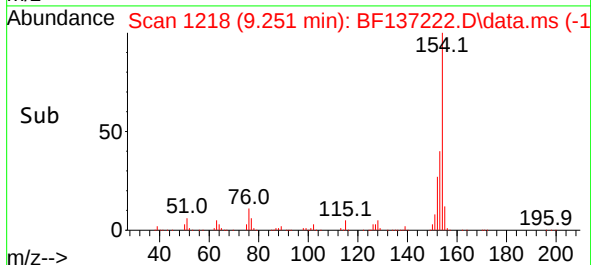
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

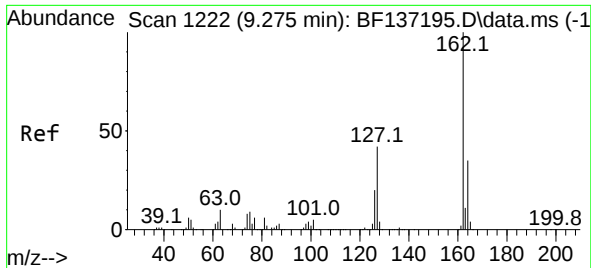


#46
1,1'-Biphenyl
Concen: 45.708 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58



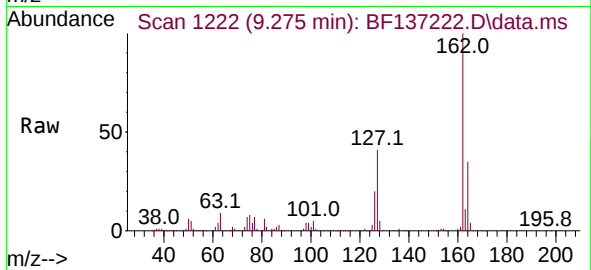
Tgt Ion:154 Resp: 351139
Ion Ratio Lower Upper
154 100
153 40.3 21.2 61.2
76 10.9 0.0 33.0





#47
2-Chloronaphthalene
Concen: 44.476 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

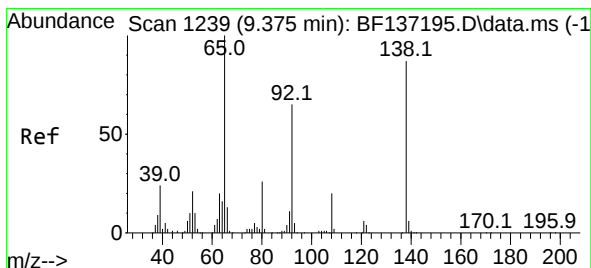
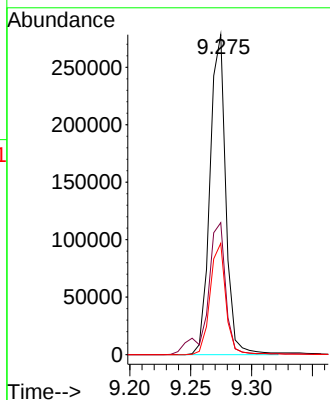
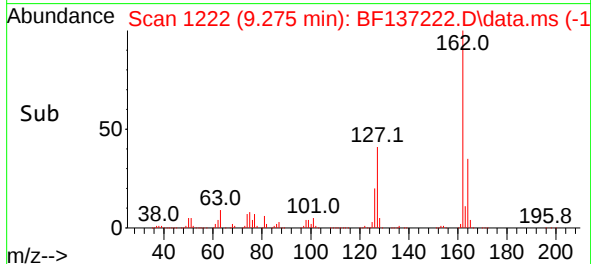
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



Tgt Ion:162 Resp: 252859
Ion Ratio Lower Upper
162 100
127 41.2 34.1 51.1
164 34.8 27.9 41.9

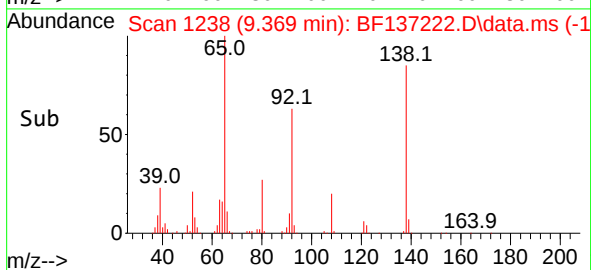
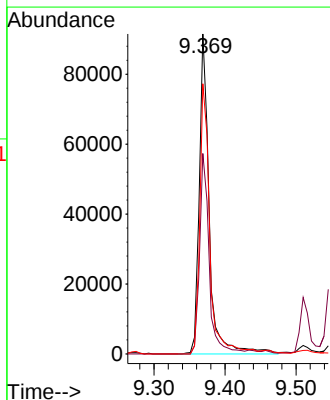
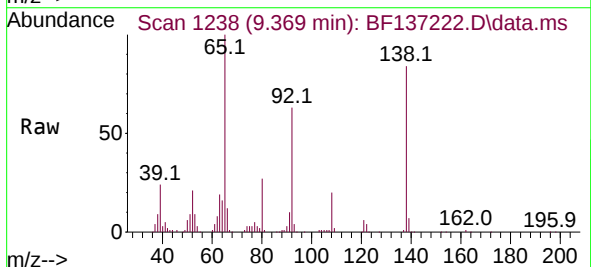
Manual Integrations
APPROVED

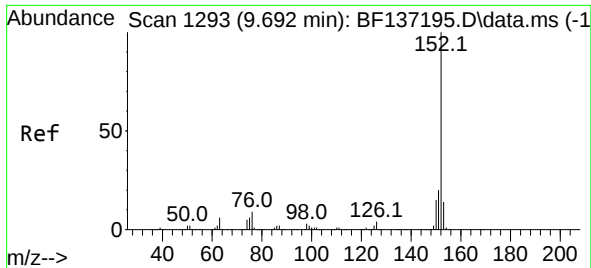
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#48
2-Nitroaniline
Concen: 48.506 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

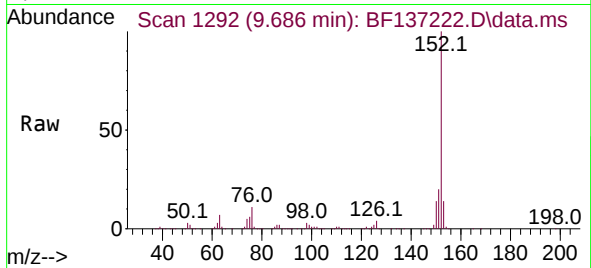
Tgt Ion: 65 Resp: 89257
Ion Ratio Lower Upper
65 100
92 62.6 51.7 77.5
138 84.4 69.7 104.5





#49
Acenaphthylene
Concen: 44.684 ng
RT: 9.686 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

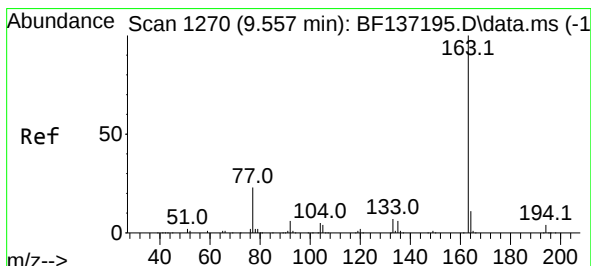
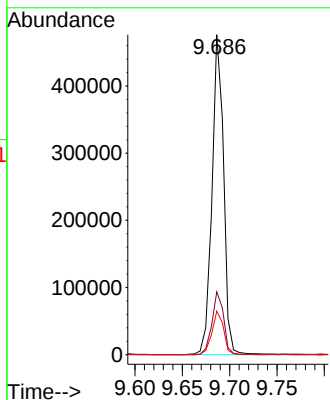
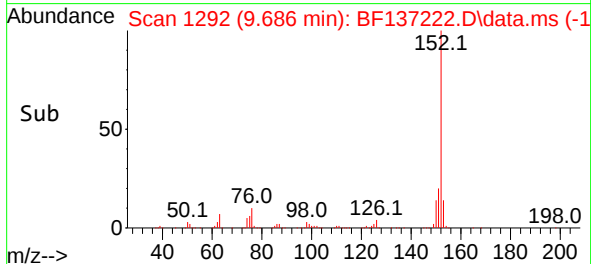
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



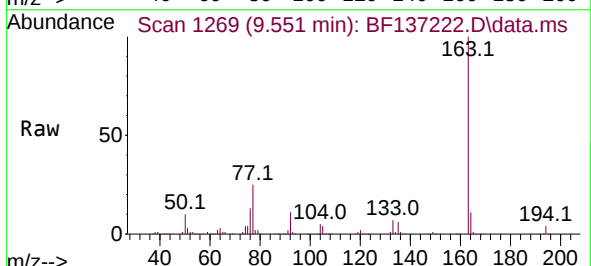
Tgt Ion:152 Resp: 406696
Ion Ratio Lower Upper
152 100
151 19.6 16.3 24.5
153 13.6 11.2 16.8

Manual Integrations
APPROVED

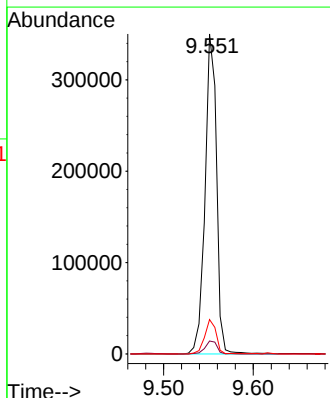
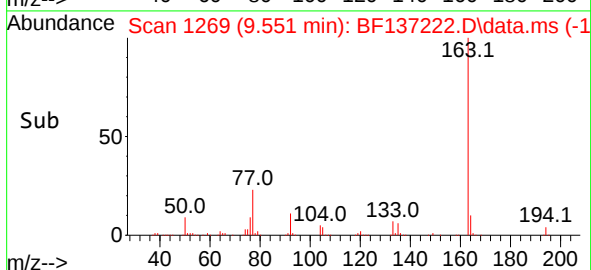
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

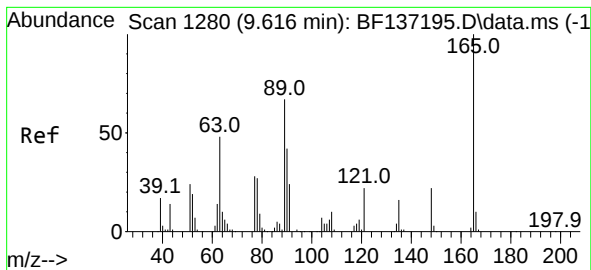


#50
Dimethylphthalate
Concen: 47.797 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58



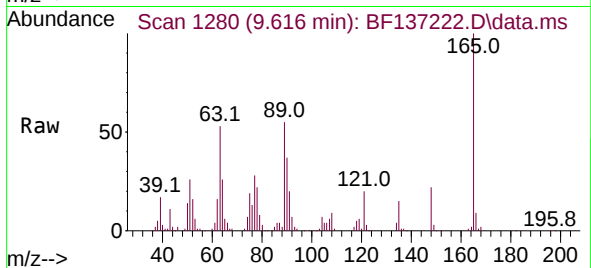
Tgt Ion:163 Resp: 311781
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.7 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 47.896 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

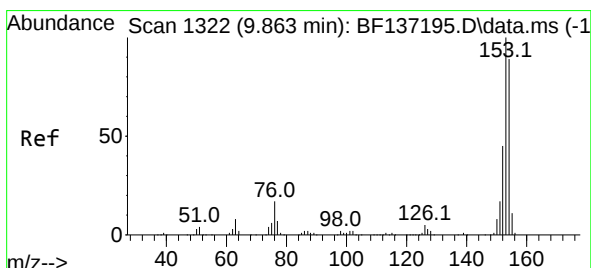
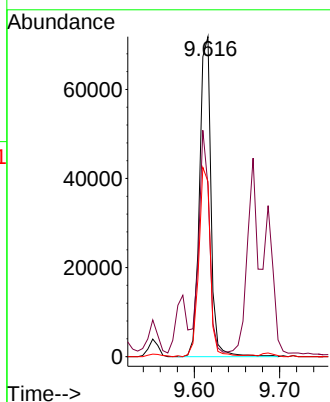
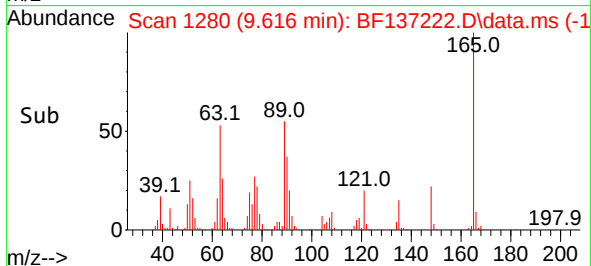
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



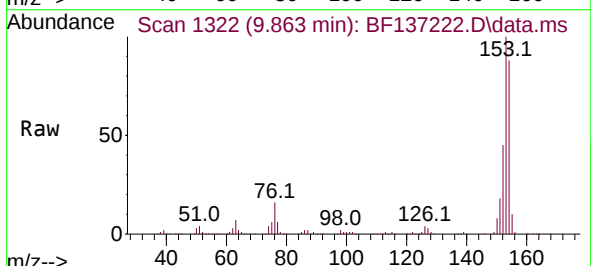
Tgt Ion:165 Resp: 66622
Ion Ratio Lower Upper
165 100
63 53.3 55.1 82.7
89 54.7 53.5 80.3

Manual Integrations
APPROVED

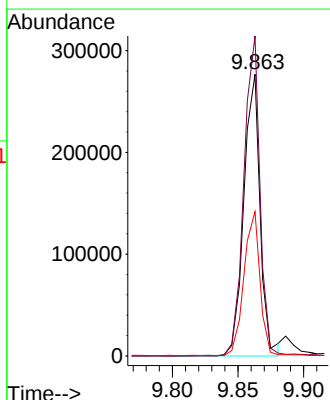
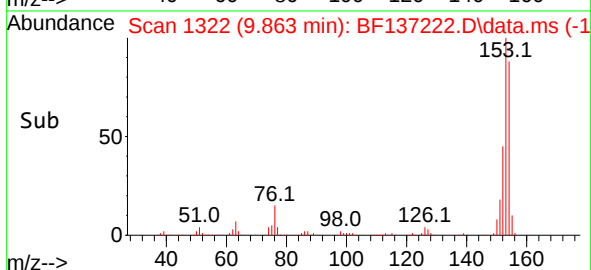
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

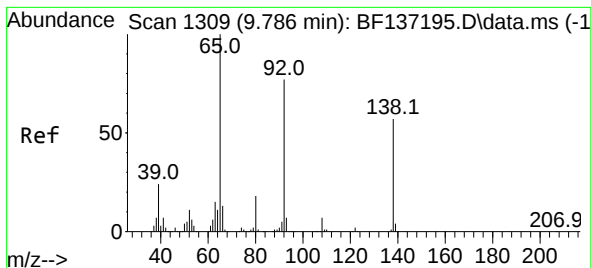


#52
Acenaphthene
Concen: 44.678 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58



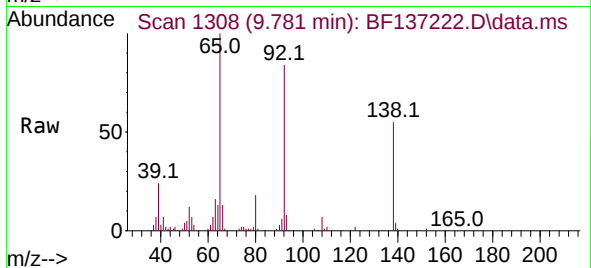
Tgt Ion:154 Resp: 238993
Ion Ratio Lower Upper
154 100
153 113.6 90.2 135.4
152 51.2 40.6 60.8





#53
3-Nitroaniline
Concen: 22.129 ng
RT: 9.781 min Scan# 1309
Delta R.T. -0.005 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

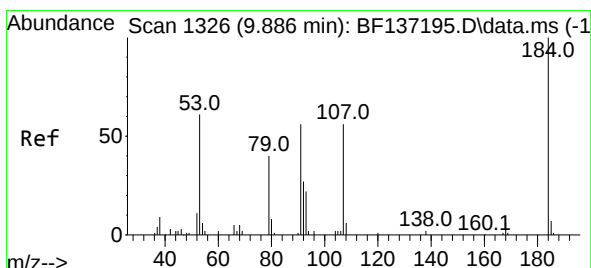
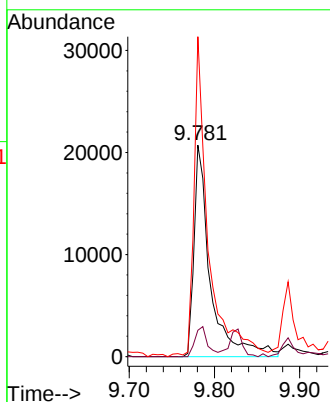
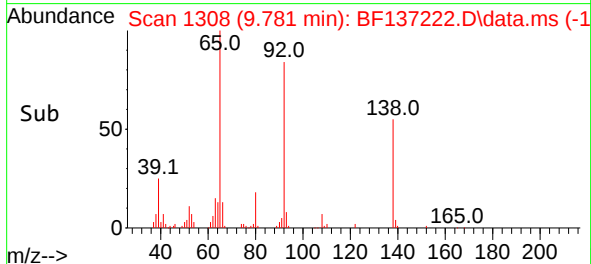
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



Tgt Ion:138 Resp: 27700
Ion Ratio Lower Upper
138 100
108 12.4 10.4 15.6
92 151.4 108.6 162.8

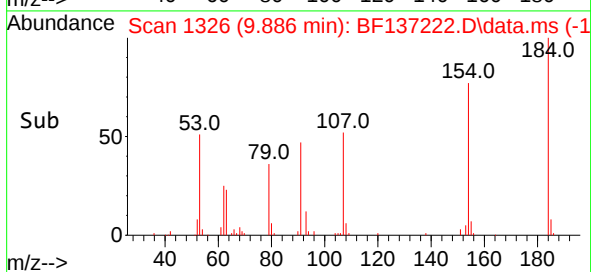
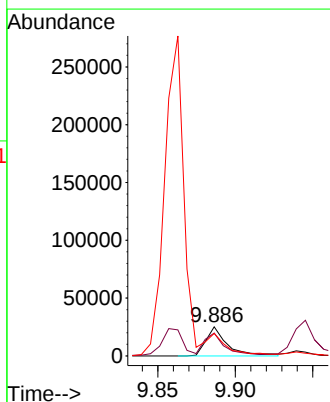
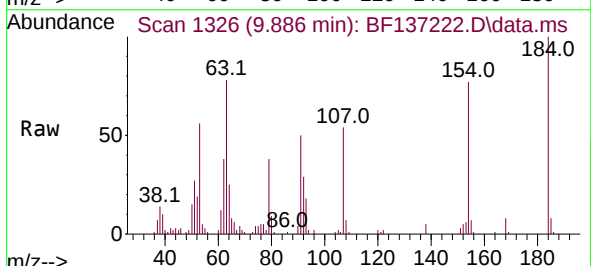
Manual Integrations
APPROVED

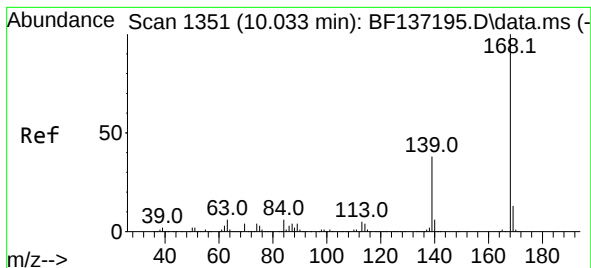
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#54
2,4-Dinitrophenol
Concen: 45.072 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

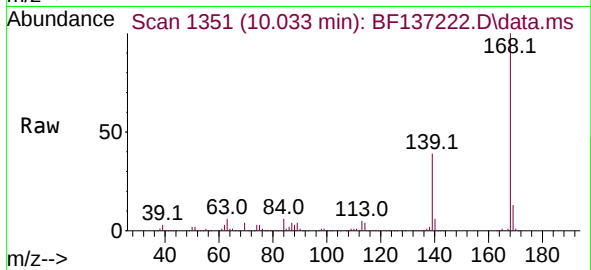
Tgt Ion:184 Resp: 24261
Ion Ratio Lower Upper
184 100
63 78.2 71.2 106.8
154 77.1 64.9 97.3





#55
Dibenzenofuran
Concen: 43.662 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

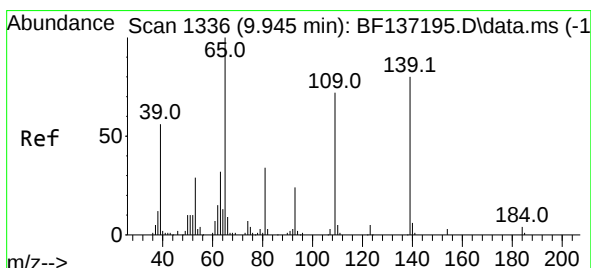
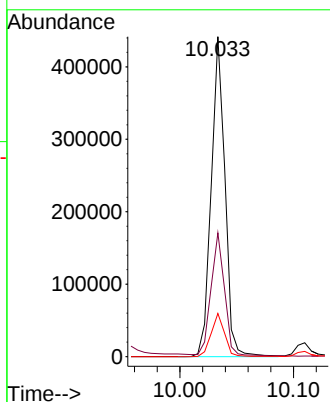
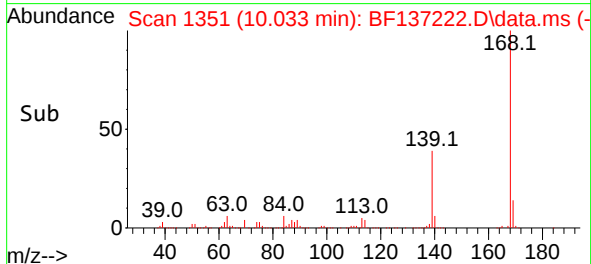
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



Tgt Ion:168 Resp: 371590
Ion Ratio Lower Upper
168 100
139 38.7 31.1 46.7
169 13.5 10.6 16.0

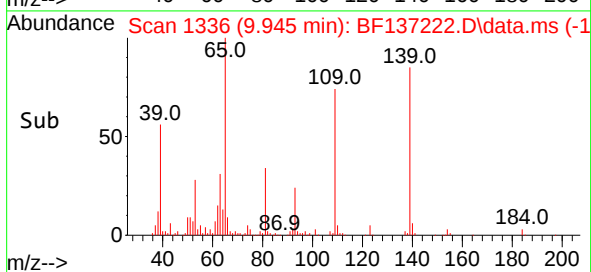
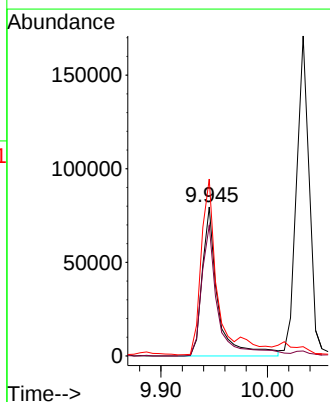
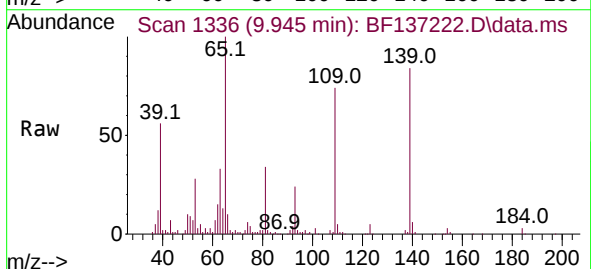
Manual Integrations
APPROVED

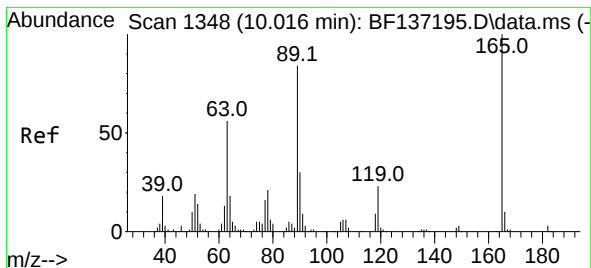
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#56
4-Nitrophenol
Concen: 87.175 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

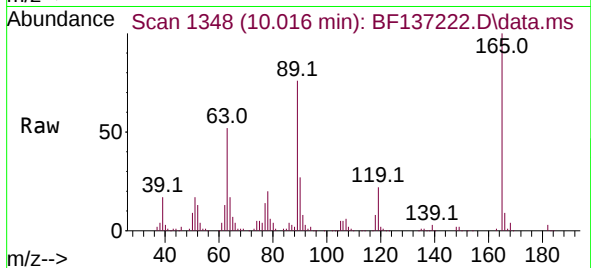
Tgt Ion:139 Resp: 80857
Ion Ratio Lower Upper
139 100
109 87.6 70.4 110.4
65 118.8 107.6 147.6





#57
2,4-Dinitrotoluene
Concen: 47.060 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

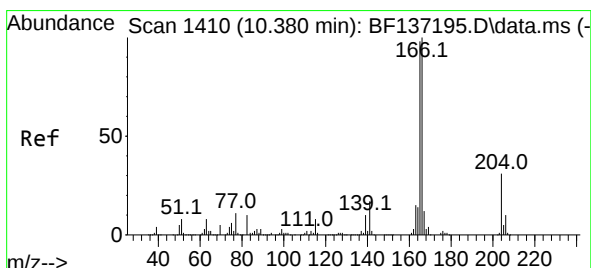
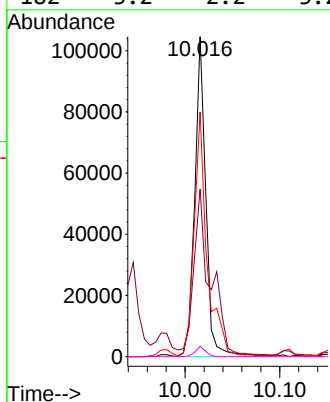
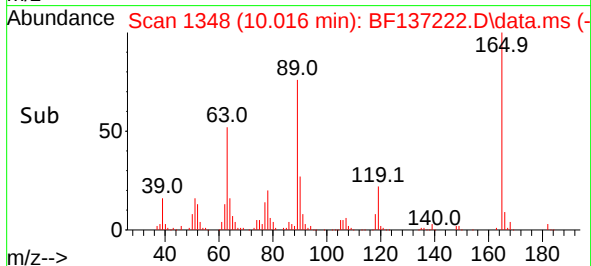
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



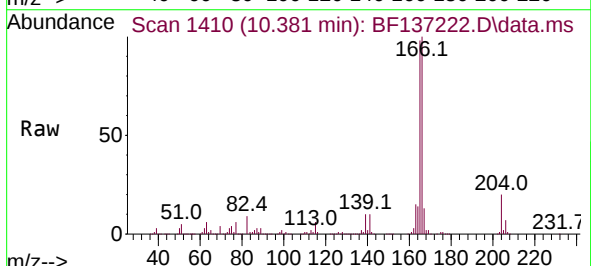
Tgt Ion:165 Resp: 84936
Ion Ratio Lower Upper
165 100
63 52.4 46.1 69.1
89 76.5 67.5 101.3
182 3.2 2.2 3.2

Manual Integrations
APPROVED

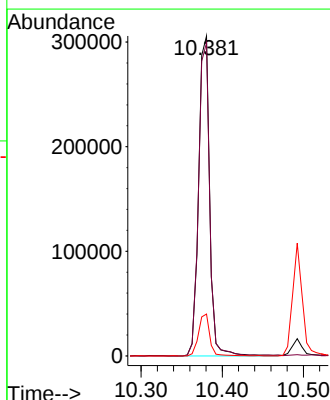
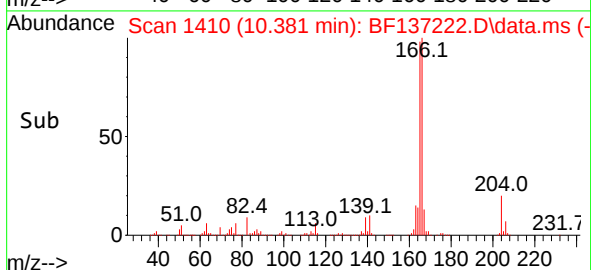
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

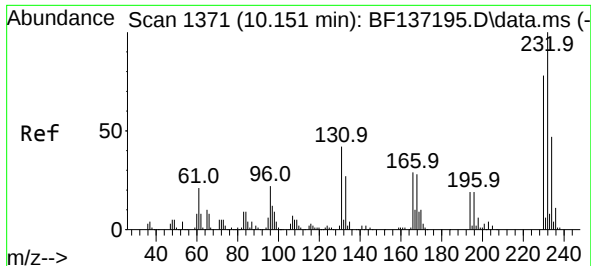


#58
Fluorene
Concen: 43.050 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58



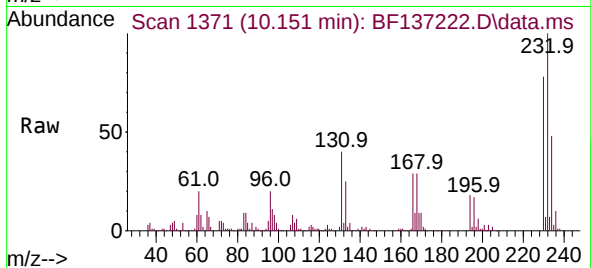
Tgt Ion:166 Resp: 287224
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 13.1 10.0 15.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.307 ng m
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

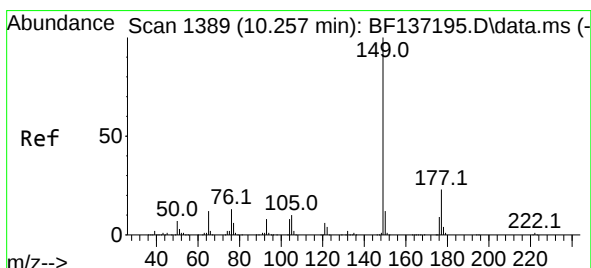
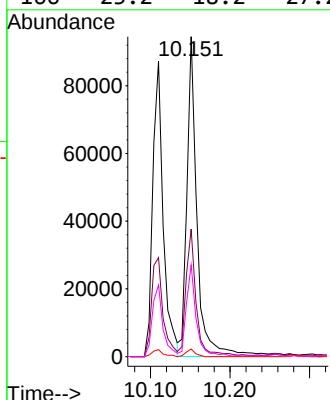
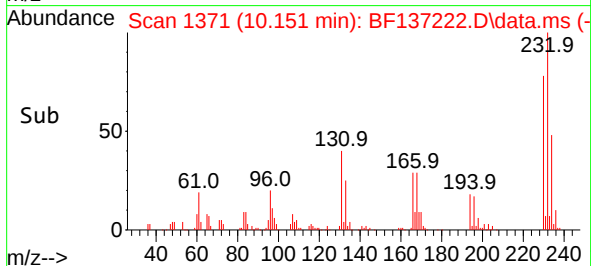
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



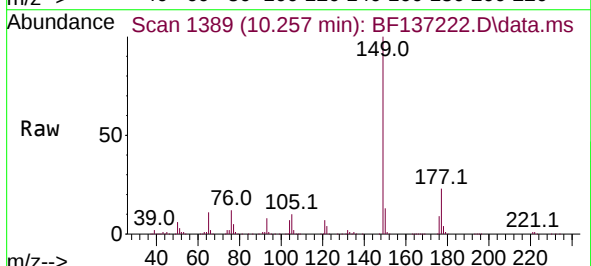
Tgt Ion:232 Resp: 84442
Ion Ratio Lower Upper
232 100
131 34.7 27.4 41.2
130 2.4 1.7 2.5
166 23.2 18.2 27.2

Manual Integrations
APPROVED

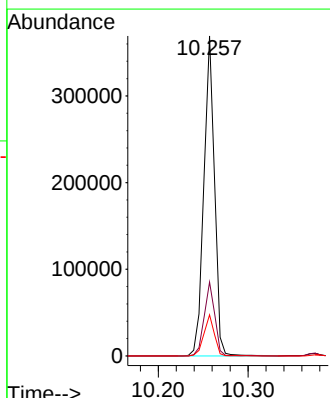
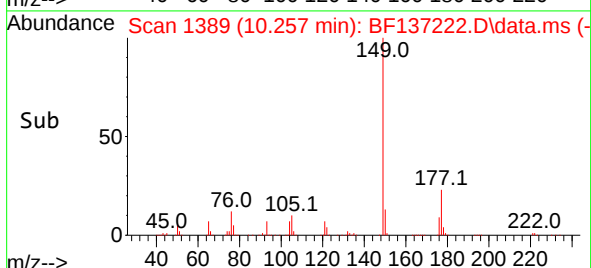
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

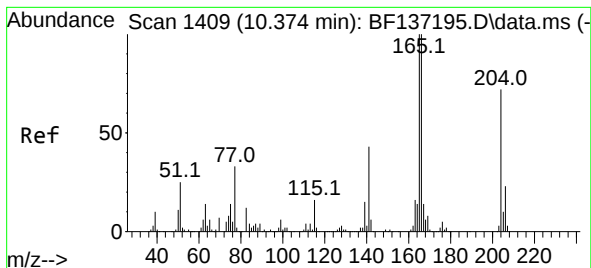


#60
Diethylphthalate
Concen: 47.407 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58



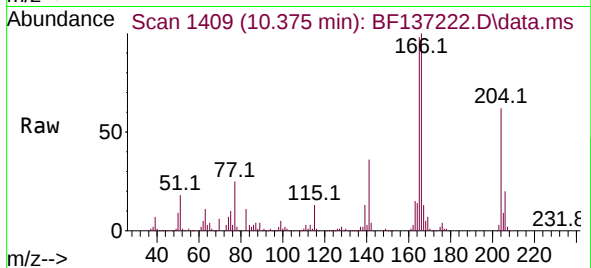
Tgt Ion:149 Resp: 304488
Ion Ratio Lower Upper
149 100
177 23.1 18.0 27.0
150 12.8 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 44.217 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

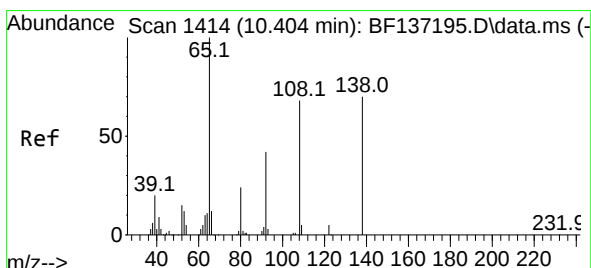
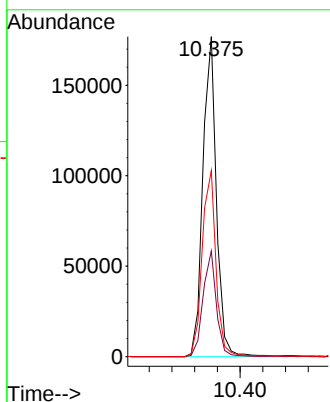
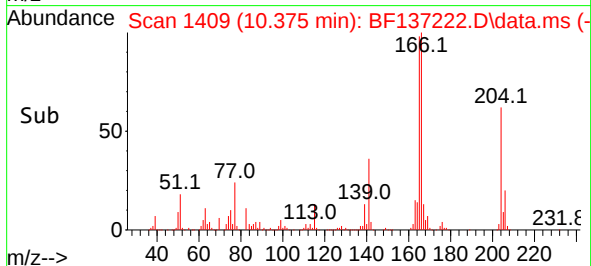
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



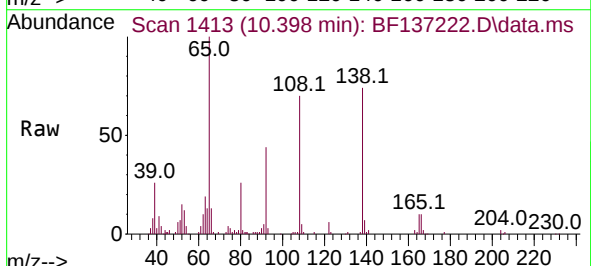
Tgt Ion:204 Resp: 146639
Ion Ratio Lower Upper
204 100
206 33.0 25.5 38.3
141 58.1 48.3 72.5

Manual Integrations
APPROVED

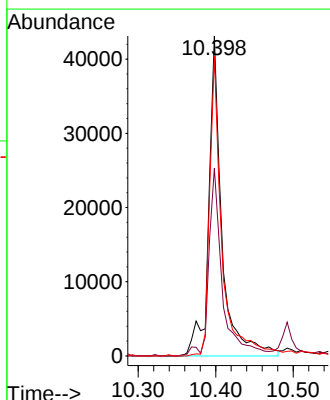
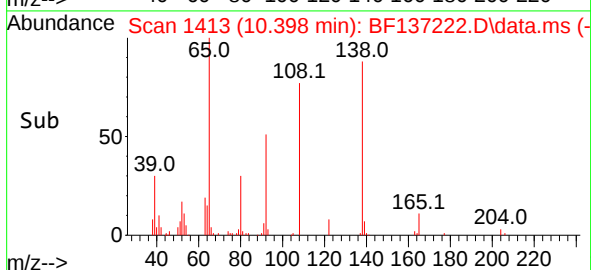
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

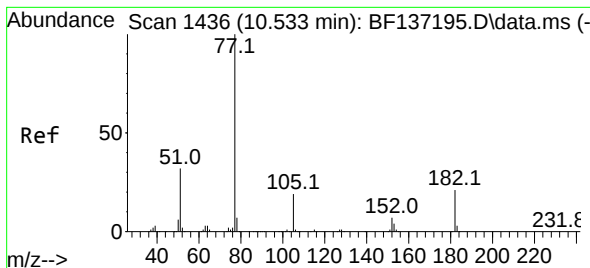


#62
4-Nitroaniline
Concen: 42.860 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58



Tgt Ion:138 Resp: 51353
Ion Ratio Lower Upper
138 100
92 58.6 39.3 79.3
108 93.6 75.3 115.3





#63

Azobenzene

Concen: 42.434 ng

RT: 10.533 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF137222.D

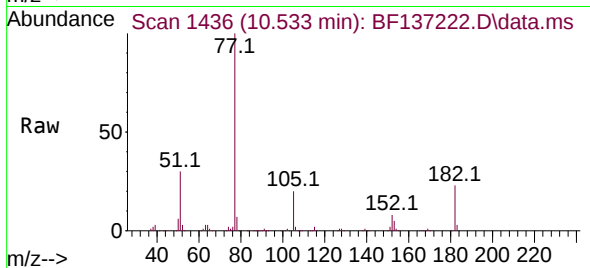
Acq: 31 Jan 2024 20:58

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MSD



Tgt Ion: 77 Resp: 30184

Ion Ratio Lower Upper

77 100

182 23.4 1.1 41.1

105 19.9 0.0 38.9

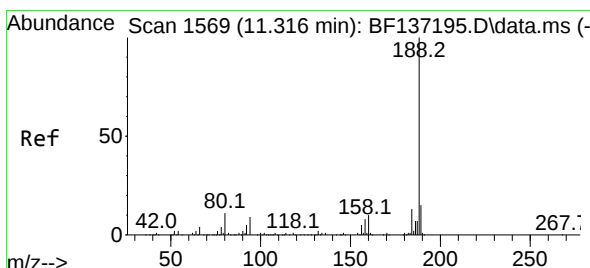
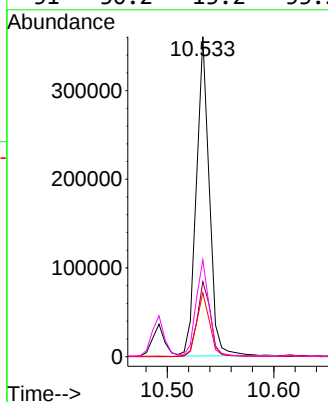
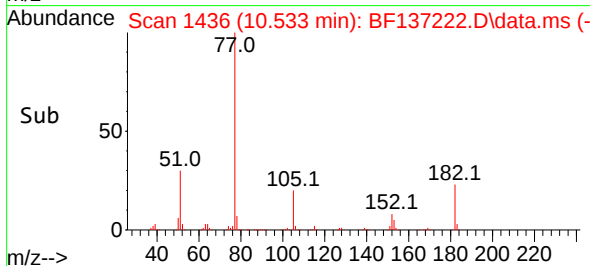
51 30.2 13.2 53.2

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: BF137222.D

Acq: 31 Jan 2024 20:58

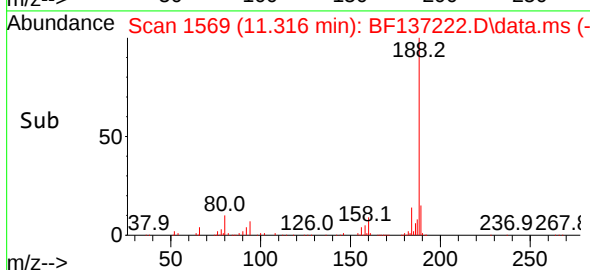
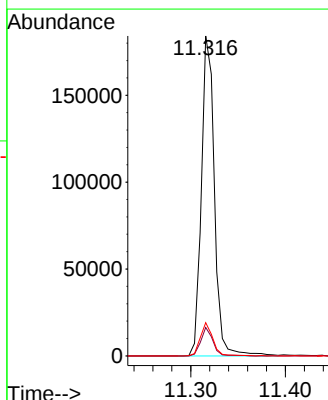
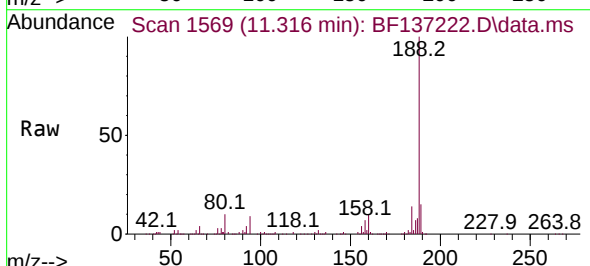
Tgt Ion:188 Resp: 176377

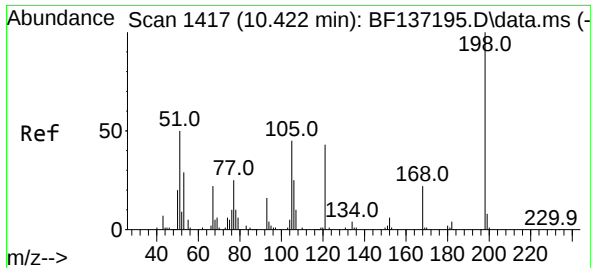
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 10.4 8.8 13.2





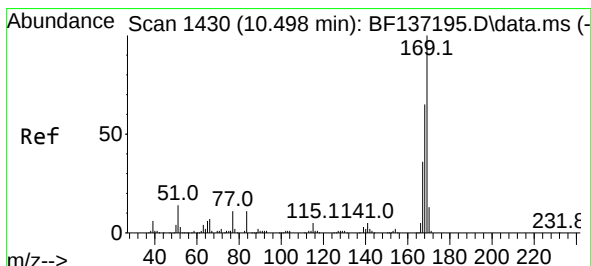
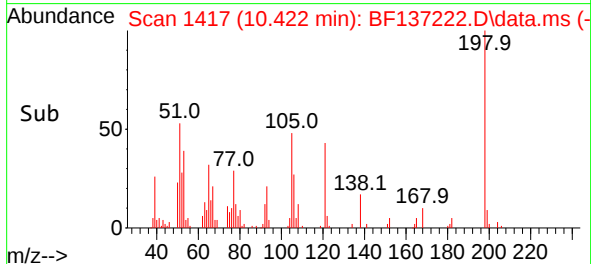
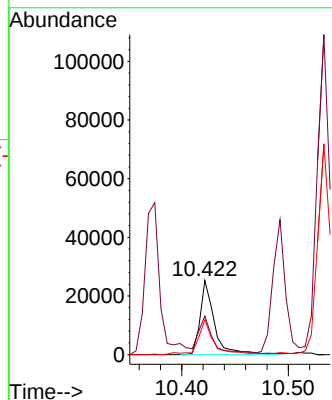
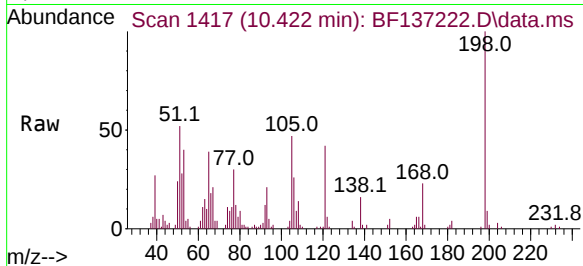
#65
4,6-Dinitro-2-methylphenol
Concen: 27.747 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD

Tgt Ion:198 Resp: 23498
Ion Ratio Lower Upper
198 100
51 52.1 40.9 80.9
105 47.1 26.5 66.5

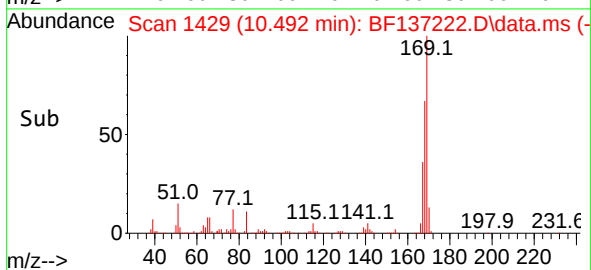
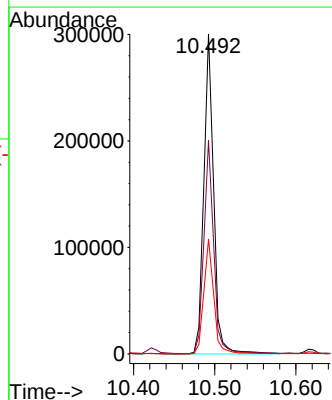
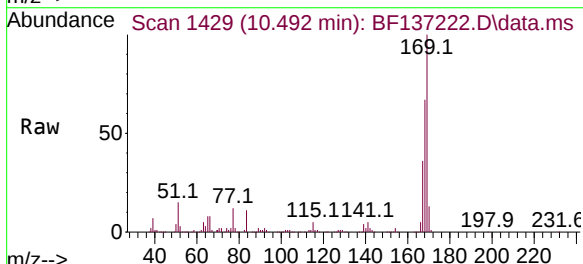
Manual Integrations
APPROVED

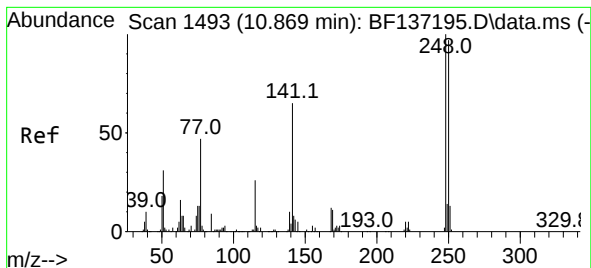
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#66
n-Nitrosodiphenylamine
Concen: 47.210 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

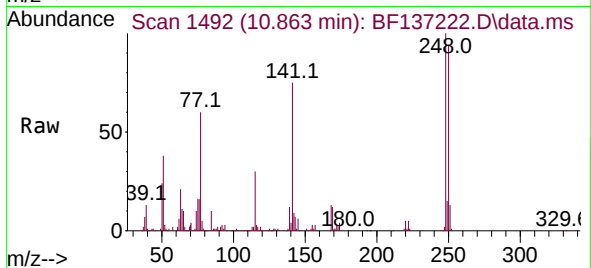
Tgt Ion:169 Resp: 253182
Ion Ratio Lower Upper
169 100
168 66.8 51.9 77.9
167 35.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.814 ng
RT: 10.863 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

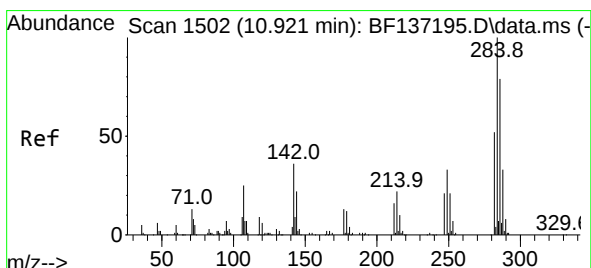
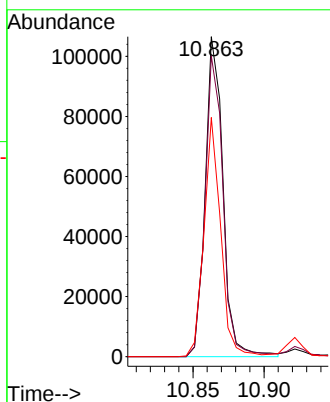
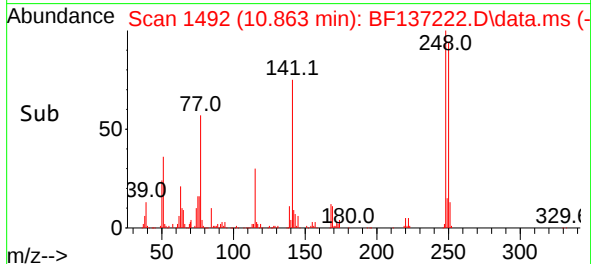
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



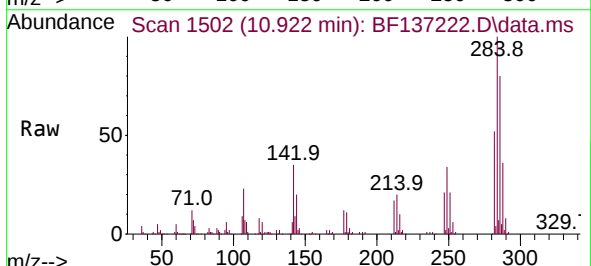
Tgt Ion:248 Resp: 92730
Ion Ratio Lower Upper
248 100
250 94.0 77.7 116.5
141 74.7 51.6 77.4

Manual Integrations
APPROVED

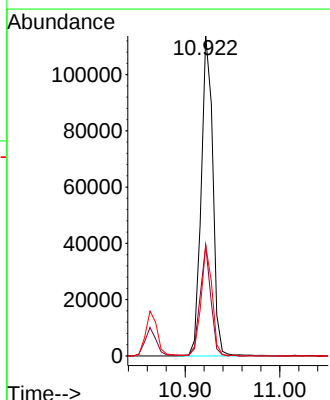
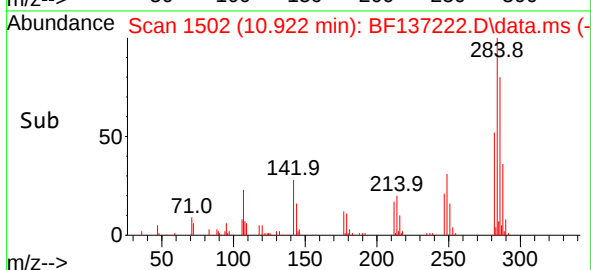
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

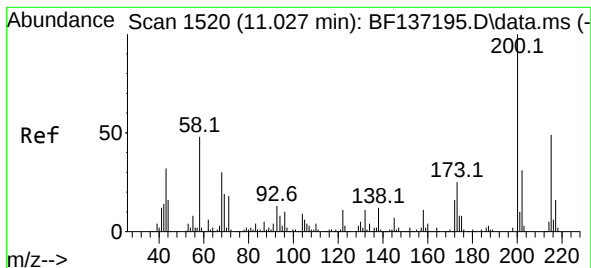


#68
Hexachlorobenzene
Concen: 44.717 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58



Tgt Ion:284 Resp: 96868
Ion Ratio Lower Upper
284 100
142 34.7 28.7 43.1
249 34.4 27.0 40.4





#69

Atrazine

Concen: 48.208 ng

RT: 11.022 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

Instrument :

BNA_F

ClientSampleId :

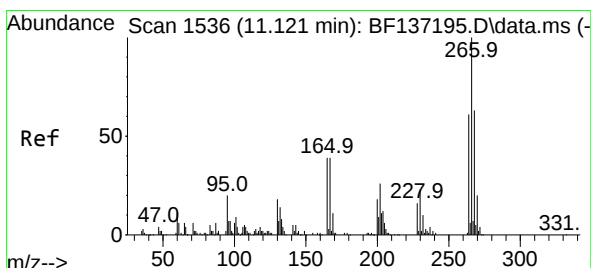
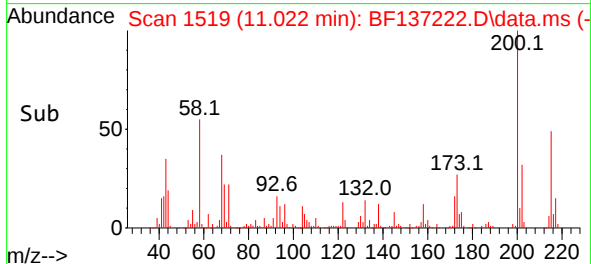
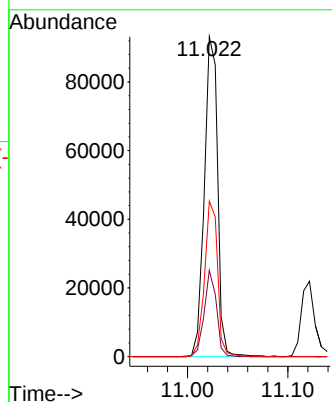
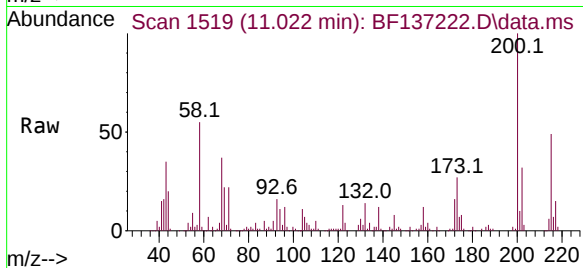
WC-SOIL-20240126MSD

Tgt Ion:200 Resp: 85346
 Ion Ratio Lower Upper
 200 100
 173 26.9 5.3 45.3
 215 48.6 29.4 69.4

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 93.468 ng

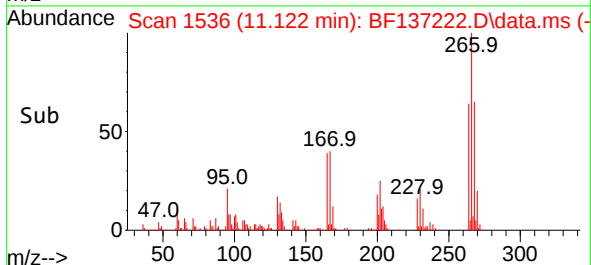
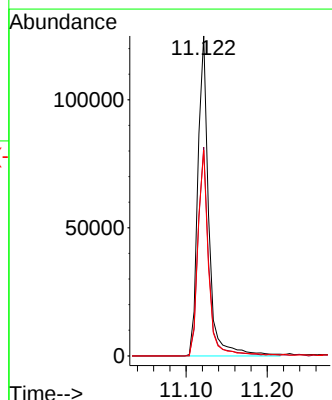
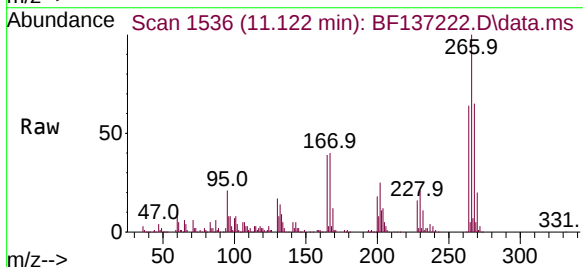
RT: 11.122 min Scan# 1536

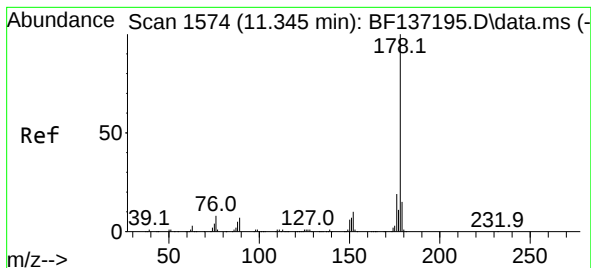
Delta R.T. 0.001 min

Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

Tgt Ion:266 Resp: 116069
 Ion Ratio Lower Upper
 266 100
 268 65.2 50.6 76.0
 264 64.3 48.8 73.2





#71

Phenanthrene

Concen: 44.942 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MSD

Tgt Ion:178 Resp: 414978

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

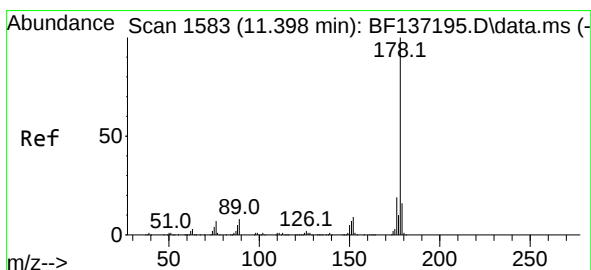
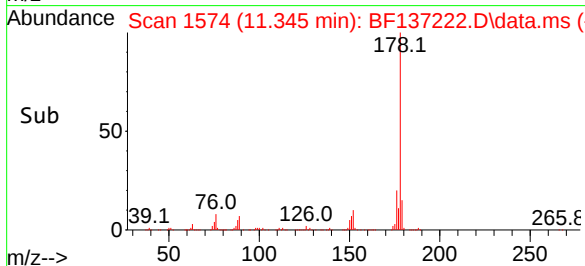
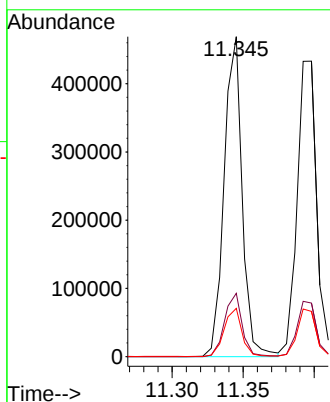
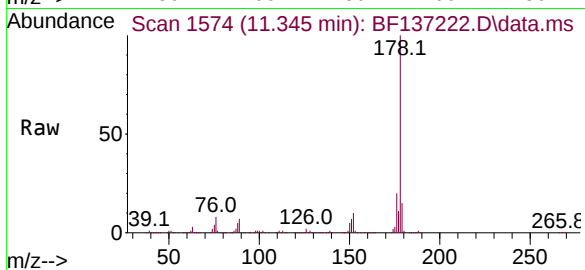
179 15.1 12.1 18.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024

Supervised By :Sohil Jodhani 02/02/2024



#72

Anthracene

Concen: 44.877 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

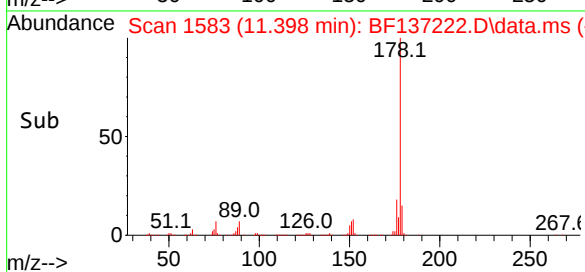
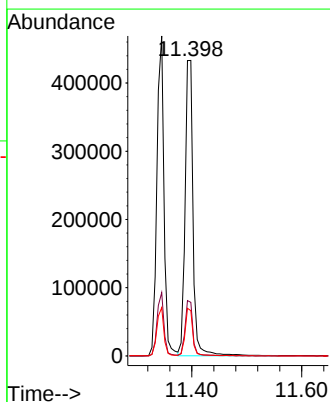
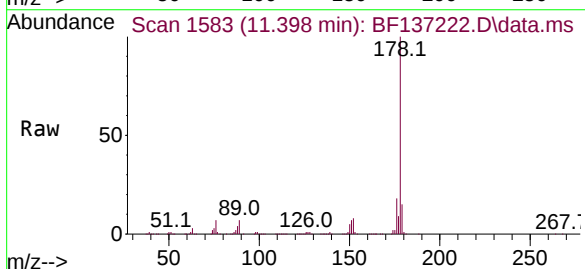
Tgt Ion:178 Resp: 431903

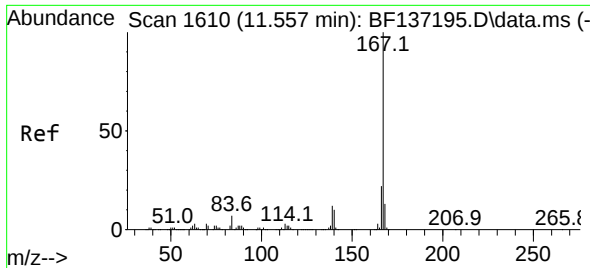
Ion Ratio Lower Upper

178 100

176 18.1 15.3 22.9

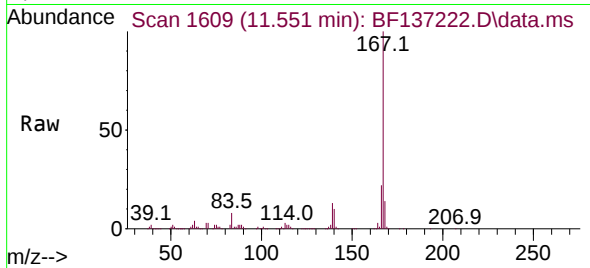
179 15.3 12.7 19.1





#73
Carbazole
Concen: 47.096 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

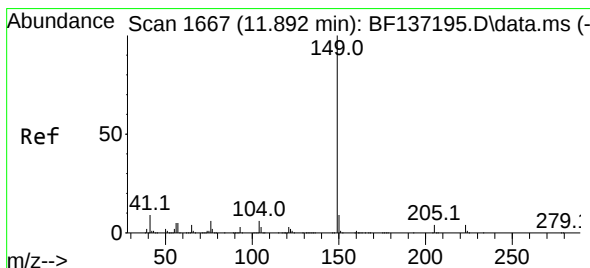
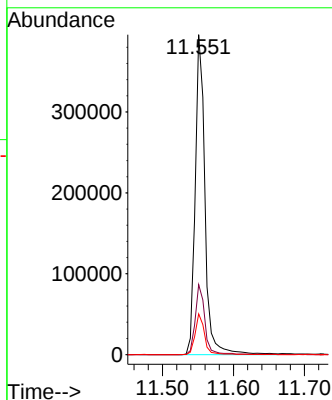
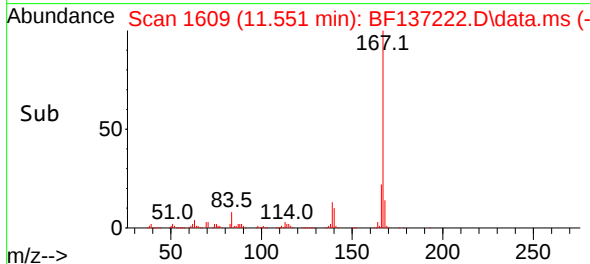
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



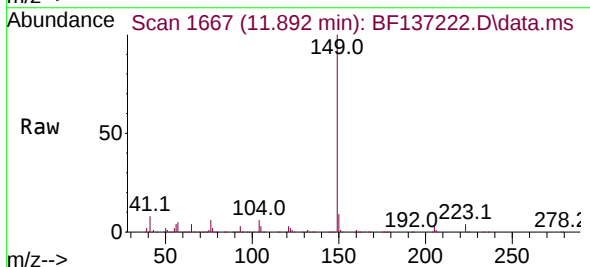
Tgt Ion:167 Resp: 378798
Ion Ratio Lower Upper
167 100
166 21.9 17.6 26.4
139 12.7 9.7 14.5

Manual Integrations
APPROVED

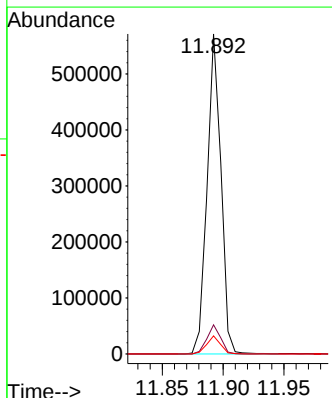
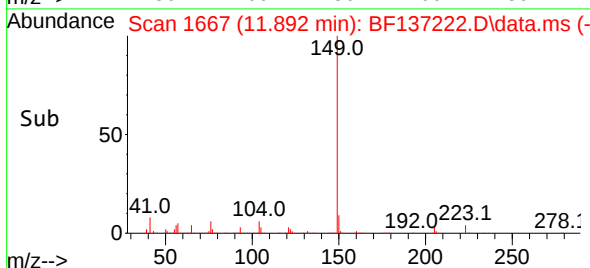
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

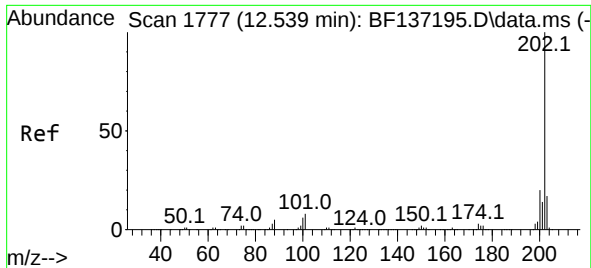


#74
Di-n-butylphthalate
Concen: 51.938 ng
RT: 11.892 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58



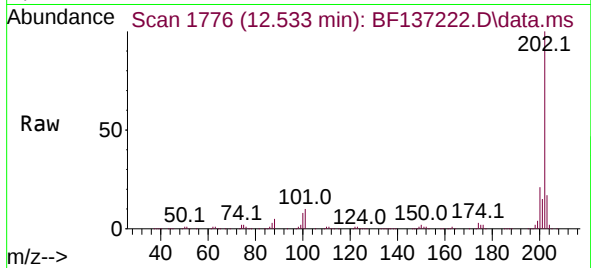
Tgt Ion:149 Resp: 451569
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.6 4.5 6.7





#75
Fluoranthene
Concen: 48.921 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

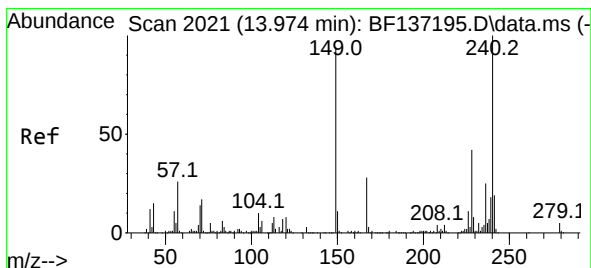
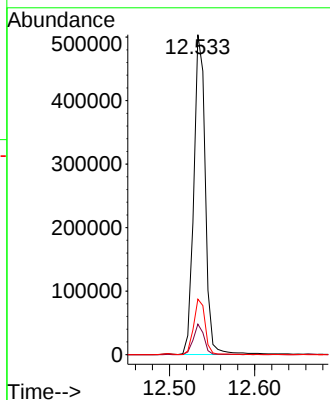
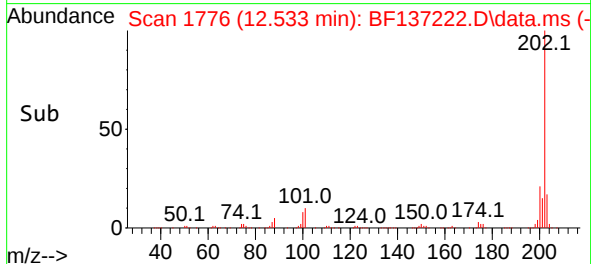
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



Tgt Ion:202 Resp: 47268
Ion Ratio Lower Upper
202 100
101 9.5 0.0 28.4
203 17.3 0.0 37.3

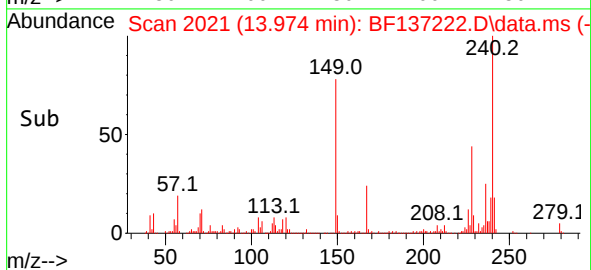
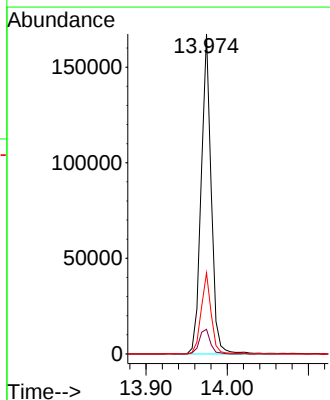
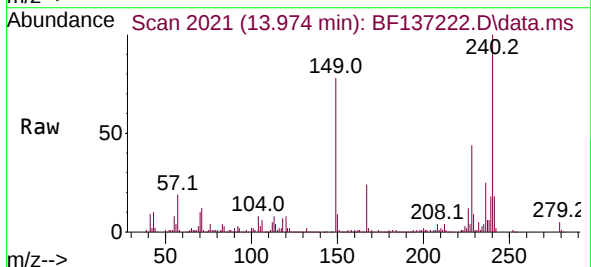
Manual Integrations
APPROVED

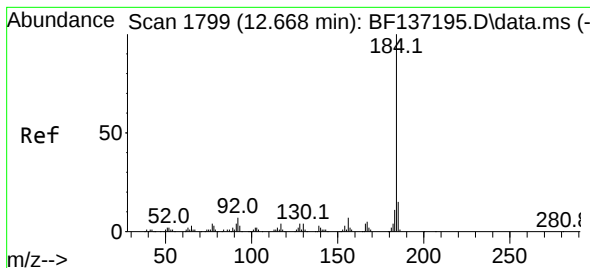
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

Tgt Ion:240 Resp: 143410
Ion Ratio Lower Upper
240 100
120 7.7 6.3 9.5
236 25.3 20.3 30.5





#77

Benzidine

Concen: 28.532 ng

RT: 12.669 min Scan# 1799

Delta R.T. 0.001 min

Lab File: BF137222.D

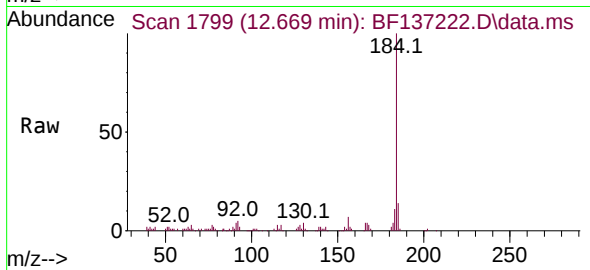
Acq: 31 Jan 2024 20:58

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MSD

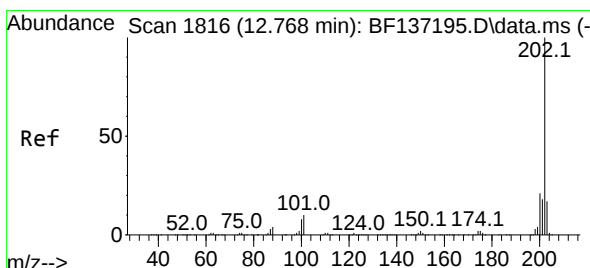
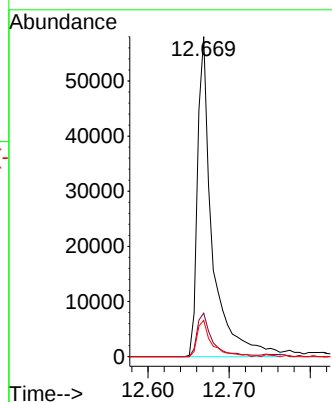
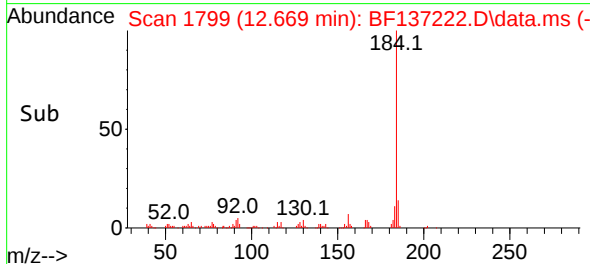


Tgt Ion:184	Resp:	73269
Ion Ratio	Lower	Upper
184	100	
185	13.6	11.9 17.9
183	11.3	8.8 13.2

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 35.596 ng

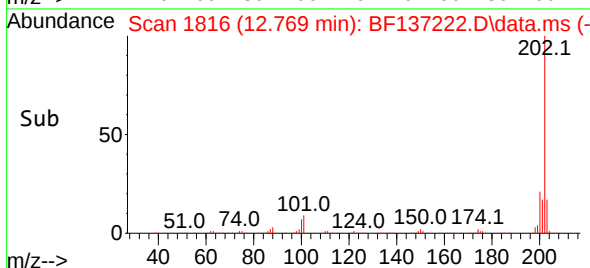
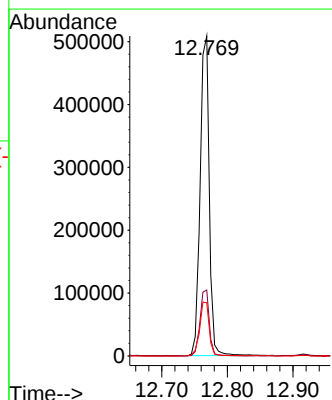
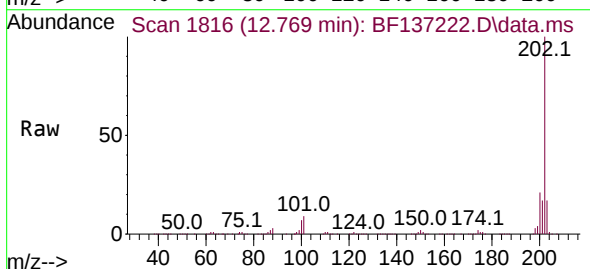
RT: 12.769 min Scan# 1816

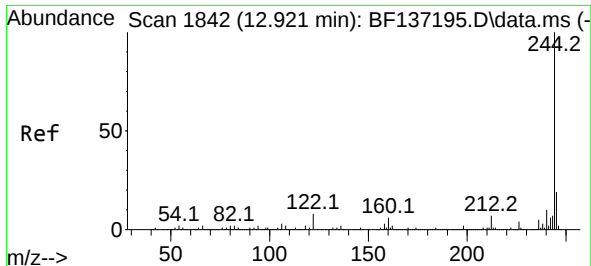
Delta R.T. 0.000 min

Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

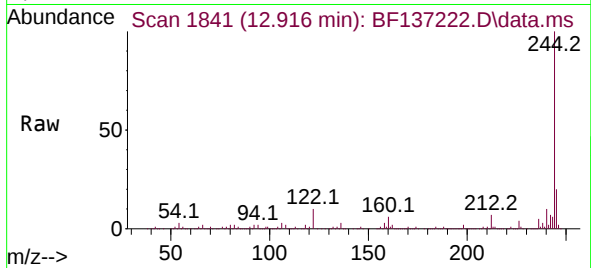
Tgt Ion:202	Resp:	490576
Ion Ratio	Lower	Upper
202	100	
200	20.6	16.5 24.7
203	16.7	13.8 20.6





#79
 Terphenyl-d14
 Concen: 70.030 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137222.D
 Acq: 31 Jan 2024 20:58

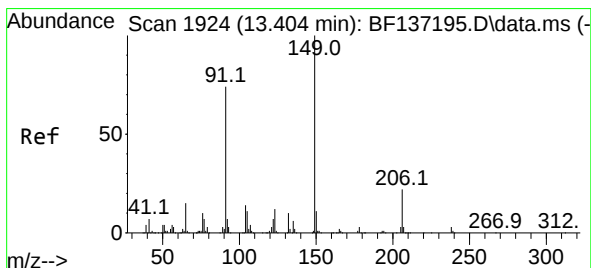
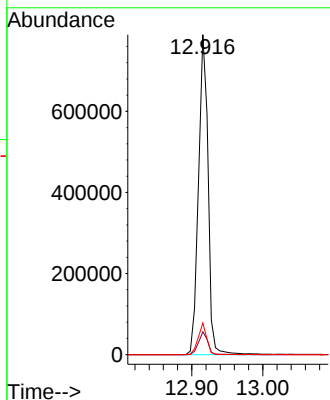
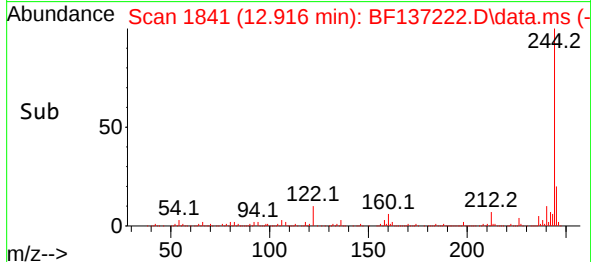
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-20240126MSD



Tgt Ion:244 Resp: 738762
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 9.9 6.2 9.4

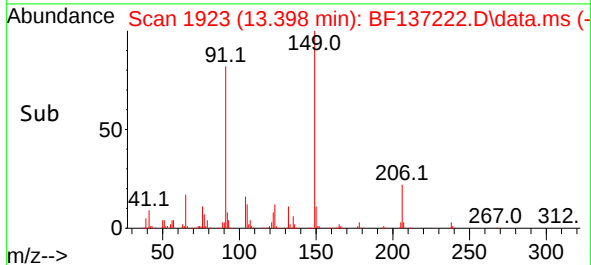
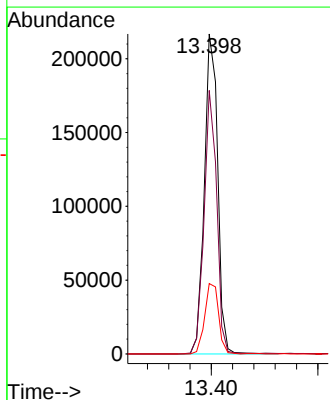
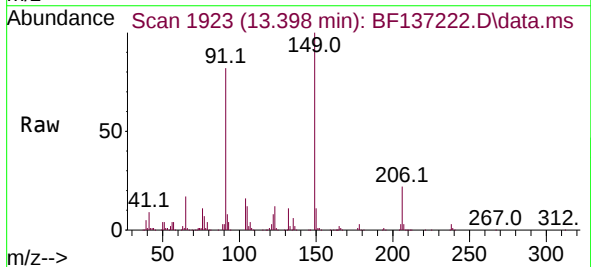
Manual Integrations
 APPROVED

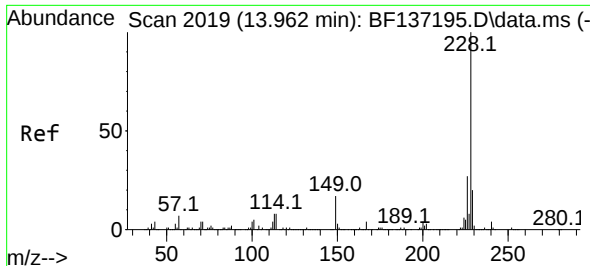
Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024



#80
 Butylbenzylphthalate
 Concen: 53.274 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF137222.D
 Acq: 31 Jan 2024 20:58

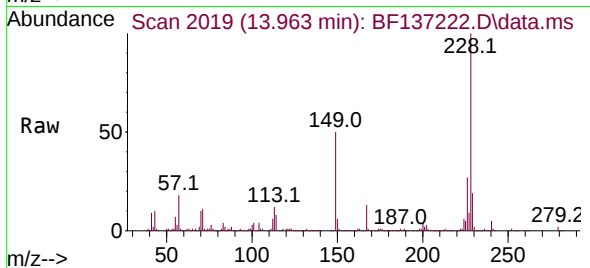
Tgt Ion:149 Resp: 187820
 Ion Ratio Lower Upper
 149 100
 91 82.3 58.8 88.2
 206 22.0 17.7 26.5





#81
Benzo(a)anthracene
Concen: 44.101 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

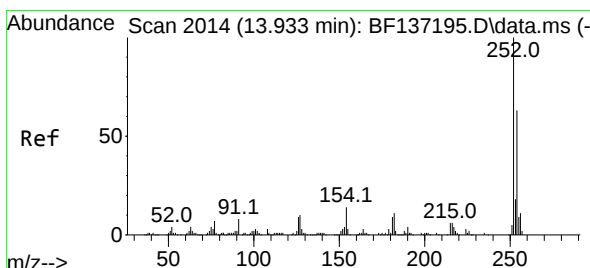
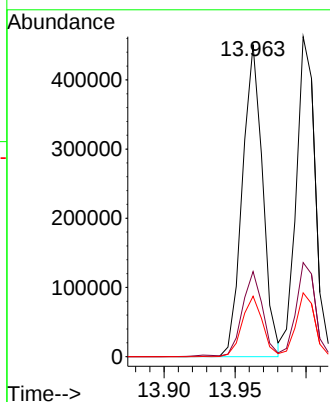
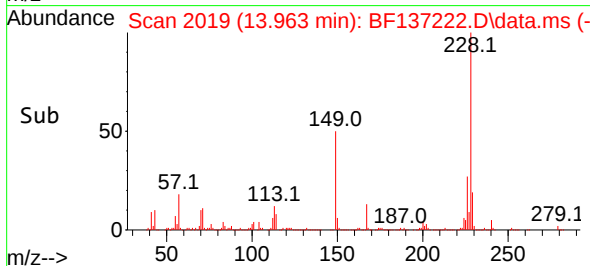
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



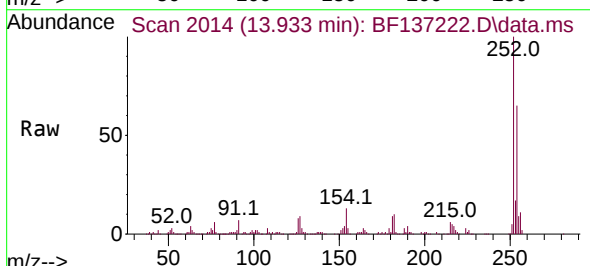
Tgt Ion:228 Resp: 447909
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 19.4 15.8 23.6

Manual Integrations
APPROVED

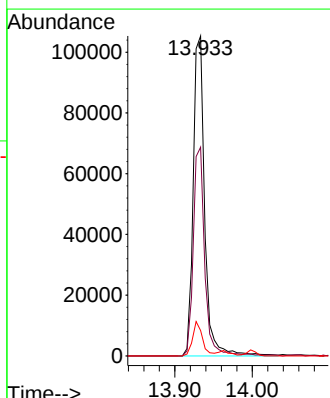
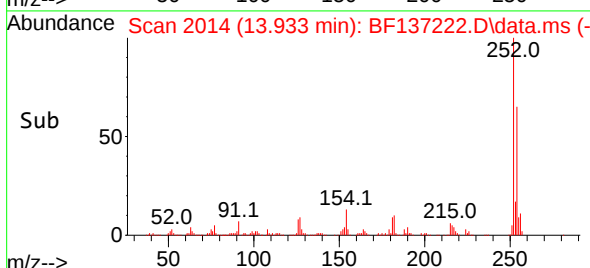
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

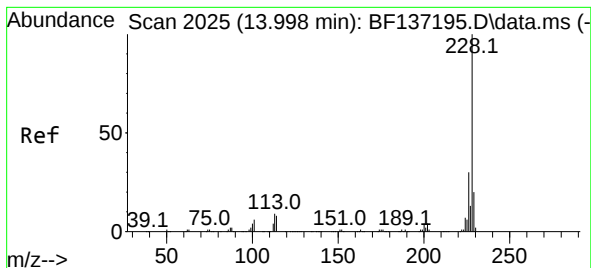


#82
3,3'-Dichlorobenzidine
Concen: 39.252 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58



Tgt Ion:252 Resp: 108614
Ion Ratio Lower Upper
252 100
254 65.2 50.2 75.2
126 7.9 7.0 10.6





#83

Chrysene

Concen: 44.015 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MSD

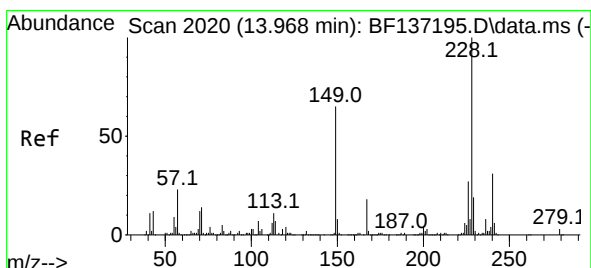
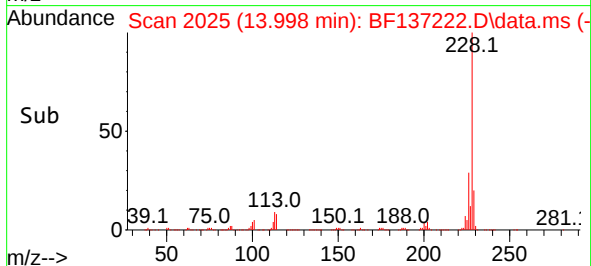
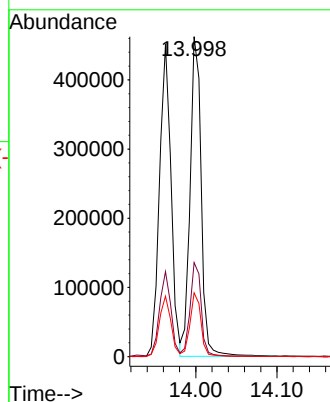
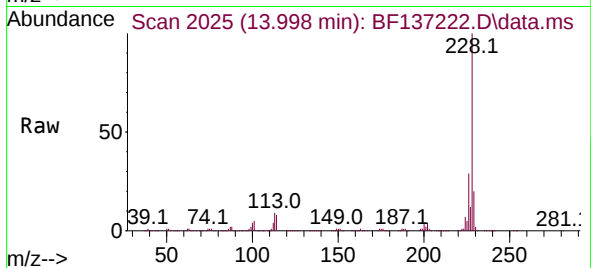
Tgt Ion:228 Resp: 439490

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	19.9	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: 66.335 ng

RT: 13.969 min Scan# 2020

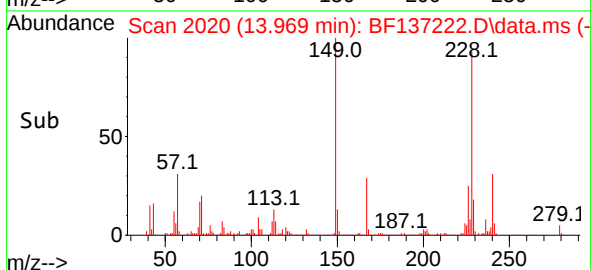
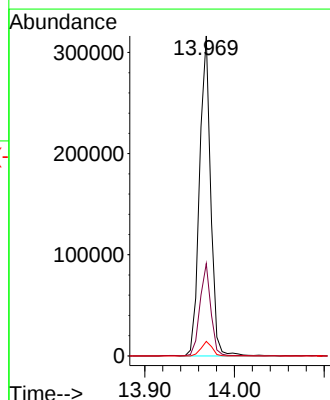
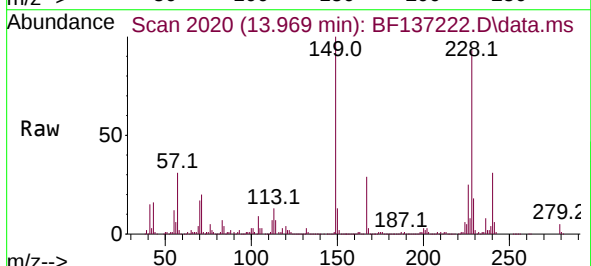
Delta R.T. 0.000 min

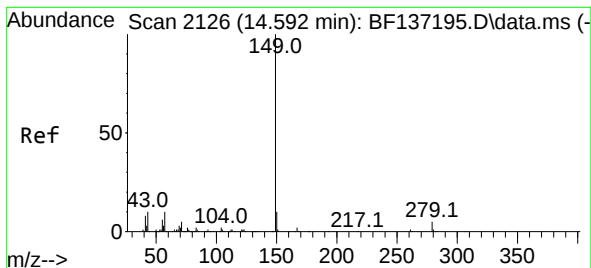
Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

Tgt Ion:149 Resp: 272082

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: 72.100 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF137222.D

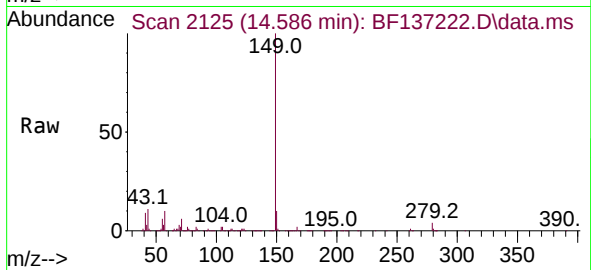
Acq: 31 Jan 2024 20:58

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MSD



Tgt Ion:149 Resp: 470217

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

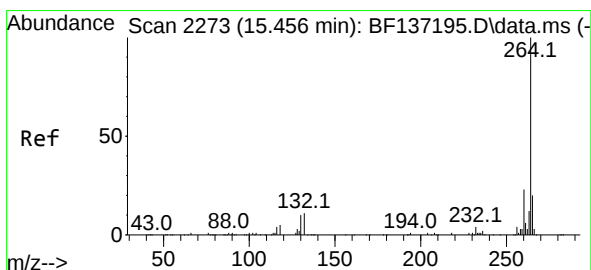
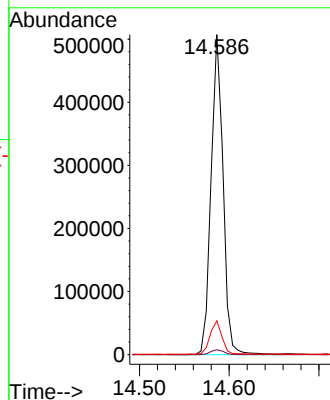
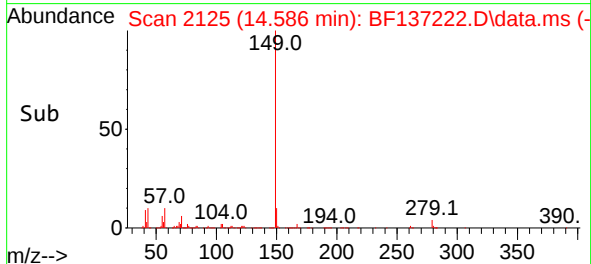
43 10.4 9.0 13.4

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: BF137222.D

Acq: 31 Jan 2024 20:58

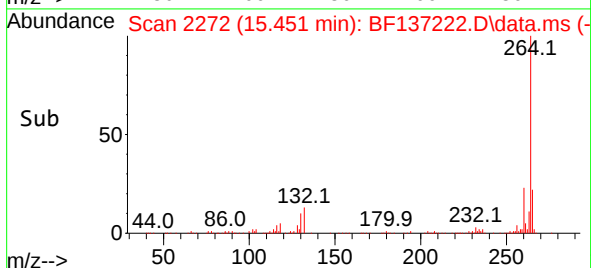
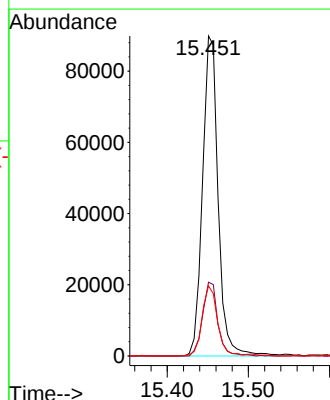
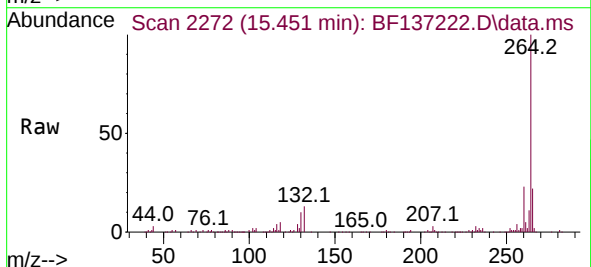
Tgt Ion:264 Resp: 120068

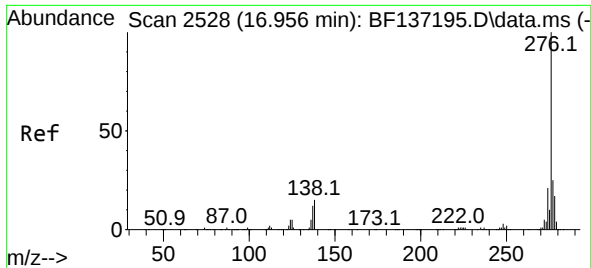
Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

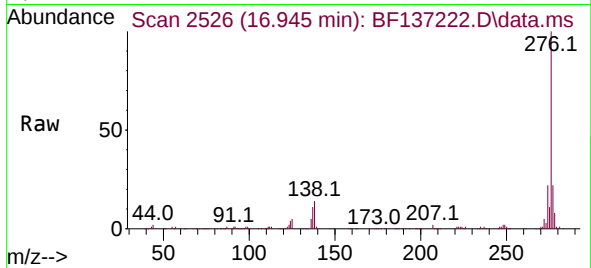
265 21.9 16.2 24.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.045 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.012 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

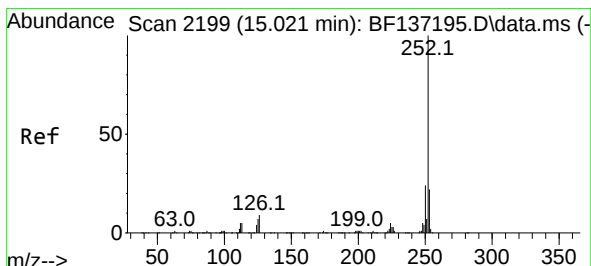
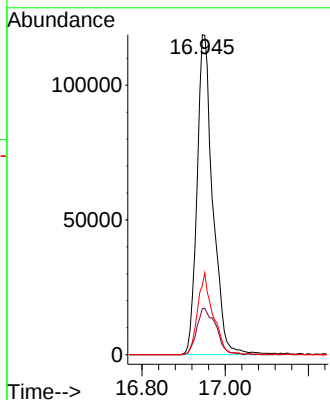
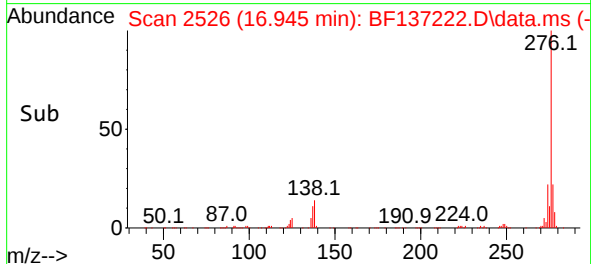
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



Tgt Ion:276 Resp: 312491
Ion Ratio Lower Upper
276 100
138 17.5 14.6 21.8
277 24.7 20.2 30.2

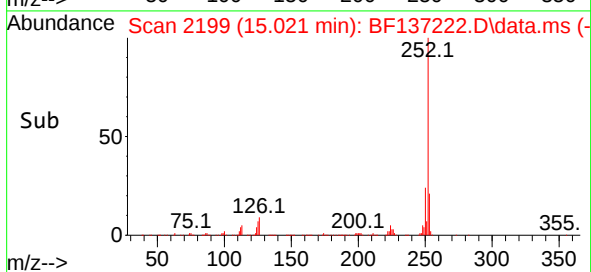
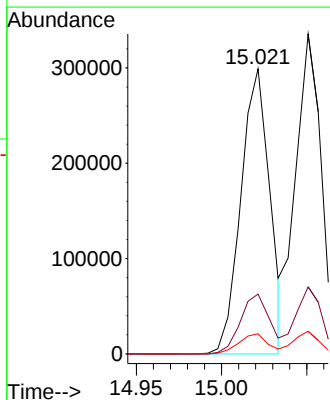
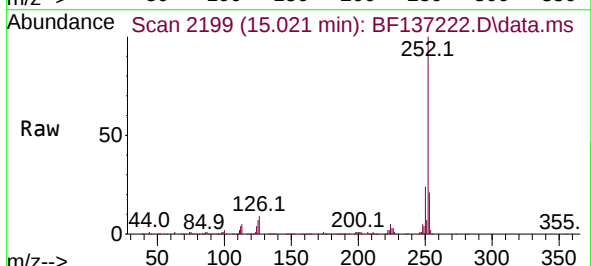
Manual Integrations
APPROVED

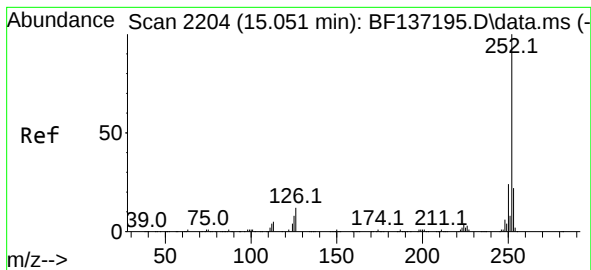
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#88
Benzo(b)fluoranthene
Concen: 47.646 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

Tgt Ion:252 Resp: 351820
Ion Ratio Lower Upper
252 100
253 20.9 17.9 26.9
125 7.0 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 46.686 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-20240126MSD

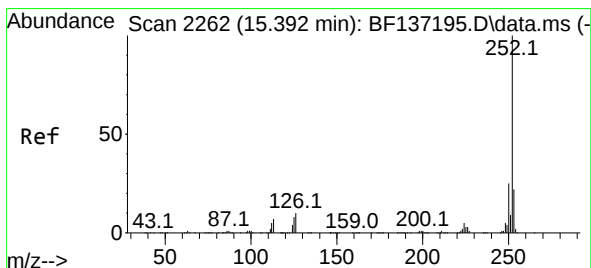
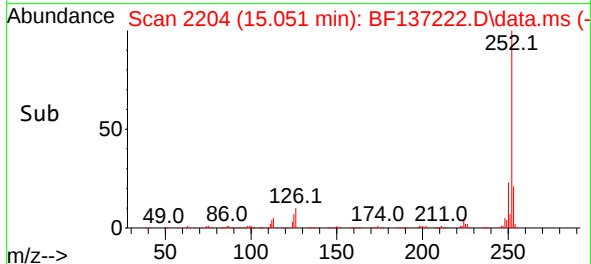
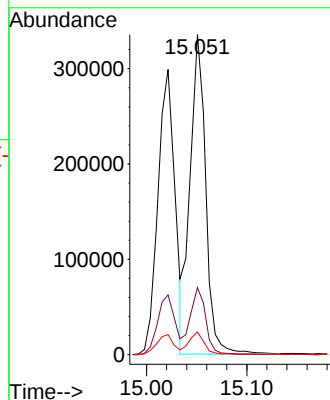
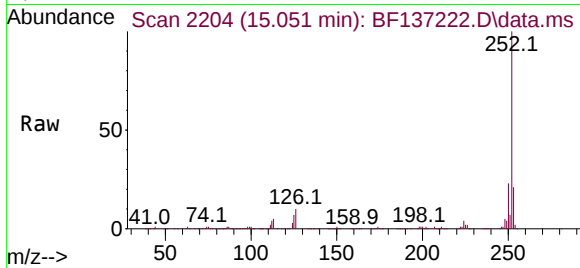
Tgt Ion:252 Resp: 364687

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.0	25.6
125	7.1	5.9	8.9

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 43.902 ng

RT: 15.392 min Scan# 2262

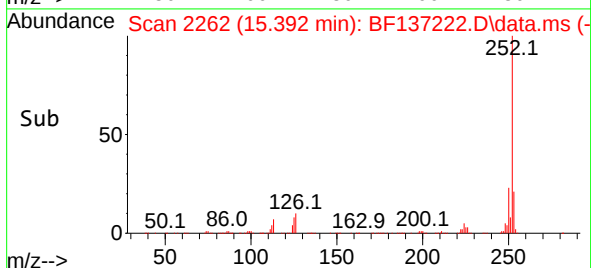
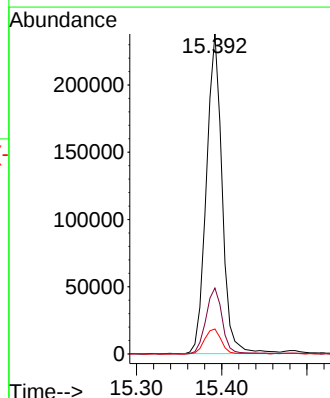
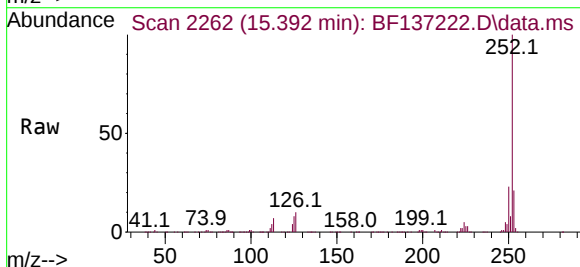
Delta R.T. 0.000 min

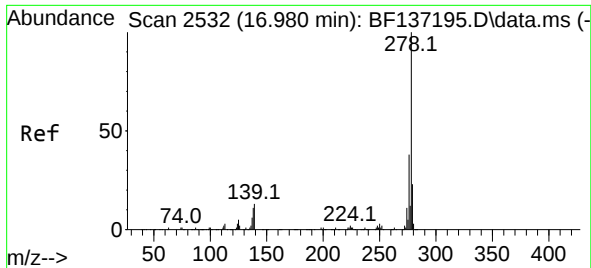
Lab File: BF137222.D

Acq: 31 Jan 2024 20:58

Tgt Ion:252 Resp: 305067

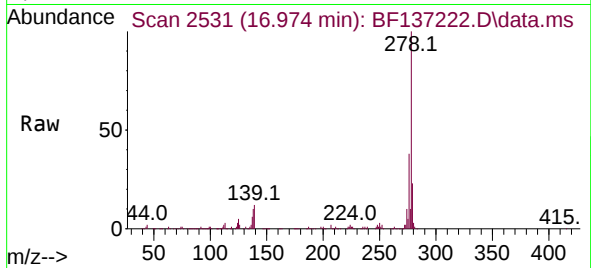
Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.8	26.6
125	7.8	6.5	9.7





#91
Dibenzo(a,h)anthracene
Concen: 37.964 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

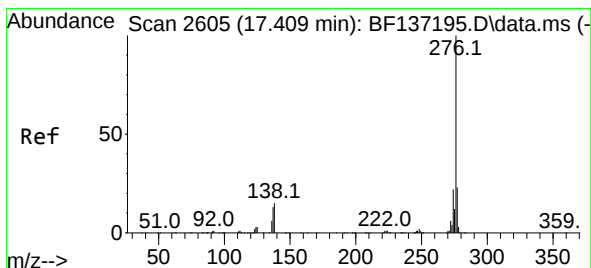
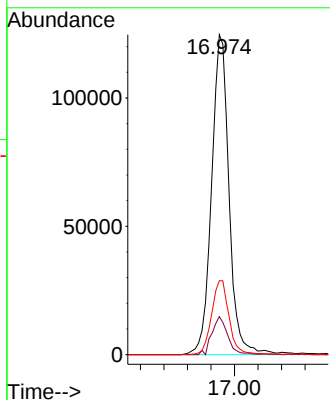
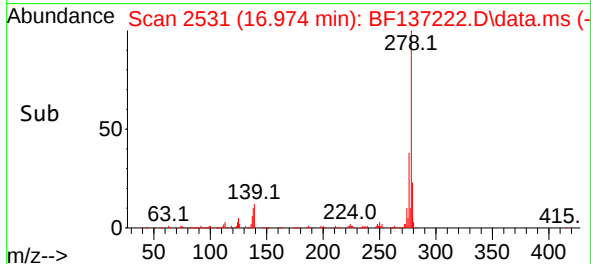
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-20240126MSD



Tgt Ion:278 Resp: 256602
Ion Ratio Lower Upper
278 100
139 11.9 10.0 15.0
279 23.1 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: 34.819 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF137222.D
Acq: 31 Jan 2024 20:58

Tgt Ion:276 Resp: 230988
Ion Ratio Lower Upper
276 100
277 21.8 18.4 27.6
138 13.0 11.8 17.8

