

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131573.D
 Acq On : 09 Dec 2022 18:41
 Operator : CG\JU
 Sample : N5947-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYE-SOIL-1208MS

Quant Time: Dec 10 04:02:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 12/10/2022
 Supervised By : Jagrut Upadhyay 12/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	62444	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	225936	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	132167	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	247172	20.000	ng	0.00
76) Chrysene-d12	14.110	240	155992	20.000	ng	# 0.00
86) Perylene-d12	15.621	264	132779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	409516	109.408	ng	0.02
7) Phenol-d6	6.540	99	535807	109.238	ng	0.00
23) Nitrobenzene-d5	7.481	82	375073	62.762	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	171572	116.842	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	675283	64.422	ng	0.00
79) Terphenyl-d14	13.051	244	750236	65.957	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	72862	43.126	ng	98
3) Pyridine	3.528	79	200596	42.765	ng	99
4) n-Nitrosodimethylamine	3.504	42	121329	46.901	ng	98
6) Aniline	6.575	93	221581	37.773	ng	99
8) 2-Chlorophenol	6.692	128	190387	47.997	ng	98
9) Benzaldehyde	6.457	77	105434	31.378	ng	92
10) Phenol	6.551	94	264410m	48.328	ng	
11) bis(2-Chloroethyl)ether	6.645	93	198635	48.434	ng	99
12) 1,3-Dichlorobenzene	6.851	146	217599	47.316	ng	99
13) 1,4-Dichlorobenzene	6.928	146	218501	47.103	ng	99
14) 1,2-Dichlorobenzene	7.081	146	208222	46.990	ng	97
15) Benzyl Alcohol	7.057	79	217086	48.276	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.187	45	253337	47.820	ng	99
17) 2-Methylphenol	7.163	107	175514	49.097	ng	99
18) Hexachloroethane	7.422	117	90195	48.200	ng	91
19) n-Nitroso-di-n-propyla...	7.328	70	178506	48.534	ng	99
20) 3+4-Methylphenols	7.316	107	236076	48.484	ng	93
22) Acetophenone	7.328	105	337203	47.626	ng	# 94
24) Nitrobenzene	7.498	77	272126	45.148	ng	98
25) Isophorone	7.739	82	481950	50.068	ng	100
26) 2-Nitrophenol	7.816	139	104095	50.644	ng	98
27) 2,4-Dimethylphenol	7.851	122	178997m	56.816	ng	
28) bis(2-Chloroethoxy)met...	7.951	93	259038	52.020	ng	99
29) 2,4-Dichlorophenol	8.057	162	183600	47.132	ng	97
30) 1,2,4-Trichlorobenzene	8.139	180	215683	45.149	ng	99
31) Naphthalene	8.222	128	572094	44.957	ng	99
32) Benzoic acid	7.981	122	97933	42.922	ng	97
33) 4-Chloroaniline	8.269	127	84056	17.622	ng	96
34) Hexachlorobutadiene	8.334	225	148359	44.065	ng	97
35) Caprolactam	8.651	113	52226m	51.828	ng	
36) 4-Chloro-3-methylphenol	8.757	107	211839	48.428	ng	99
37) 2-Methylnaphthalene	8.916	142	397676	45.695	ng	98
38) 1-Methylnaphthalene	9.016	142	374279	44.801	ng	99
40) 1,2,4,5-Tetrachloroben...	9.081	216	241795	49.421	ng	98
41) Hexachlorocyclopentadiene	9.069	237	318787	128.371	ng	98
43) 2,4,6-Trichlorophenol	9.192	196	146004	48.247	ng	100

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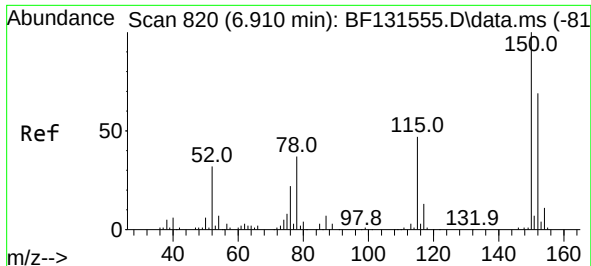
Manual Integrations
 APPROVED

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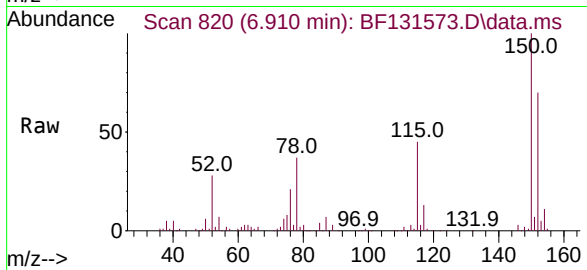
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	155739	47.854	ng	94
46) 1,1'-Biphenyl	9.386	154	516263	49.404	ng	98
47) 2-Chloronaphthalene	9.410	162	410477	48.212	ng	98
48) 2-Nitroaniline	9.510	65	142789	47.344	ng	92
49) Acenaphthylene	9.828	152	611262	48.897	ng	99
50) Dimethylphthalate	9.692	163	491350	48.768	ng	100
51) 2,6-Dinitrotoluene	9.751	165	105049	50.504	ng	93
52) Acenaphthene	9.998	154	428739m	51.195	ng	
53) 3-Nitroaniline	9.922	138	56728	28.425	ng	99
54) 2,4-Dinitrophenol	10.028	184	78210	66.417	ng	94
55) Dibenzofuran	10.175	168	561458	47.449	ng	99
56) 4-Nitrophenol	10.086	139	148318	106.982	ng	91
57) 2,4-Dinitrotoluene	10.157	165	140896	51.064	ng	# 93
58) Fluorene	10.516	166	466905	48.537	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	130607m	47.392	ng	
60) Diethylphthalate	10.392	149	479476	49.591	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	260994	49.096	ng	95
62) 4-Nitroaniline	10.545	138	91172	46.102	ng	97
63) Azobenzene	10.669	77	519690	47.126	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	63478	40.548	ng	98
66) n-Nitrosodiphenylamine	10.627	169	386708	48.394	ng	98
67) 4-Bromophenyl-phenylether	10.998	248	153705	48.340	ng	93
68) Hexachlorobenzene	11.063	284	166651	48.454	ng	# 94
69) Atrazine	11.157	200	147510	58.131	ng	98
70) Pentachlorophenol	11.263	266	175091	98.887	ng	99
71) Phenanthrene	11.486	178	648953	47.104	ng	100
72) Anthracene	11.539	178	670079	49.992	ng	99
73) Carbazole	11.692	167	549166	50.194	ng	99
74) Di-n-butylphthalate	12.022	149	717205	53.433	ng	100
75) Fluoranthene	12.680	202	695599	49.032	ng	99
77) Benzidine	12.798	184	236611	56.611	ng	99
78) Pyrene	12.910	202	710237	46.174	ng	99
80) Butylbenzylphthalate	13.527	149	264009	59.310	ng	94
81) Benzo(a)anthracene	14.104	228	558823	49.606	ng	100
82) 3,3'-Dichlorobenzidine	14.063	252	78934	24.628	ng	99
83) Chrysene	14.139	228	515608	48.144	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	359808	58.617	ng	# 99
85) Di-n-octyl phthalate	14.704	149	513682	51.294	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	455307	42.017	ng	100
88) Benzo(b)fluoranthene	15.174	252	466027	53.253	ng	99
89) Benzo(k)fluoranthene	15.210	252	429177	46.986	ng	98
90) Benzo(a)pyrene	15.557	252	381206	51.043	ng	100
91) Dibenzo(a,h)anthracene	17.186	278	385979	43.279	ng	98
92) Benzo(g,h,i)perylene	17.633	276	377740	42.143	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131573.D
 Acq: 09 Dec 2022 18:41

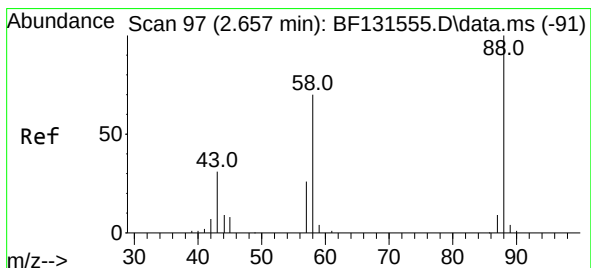
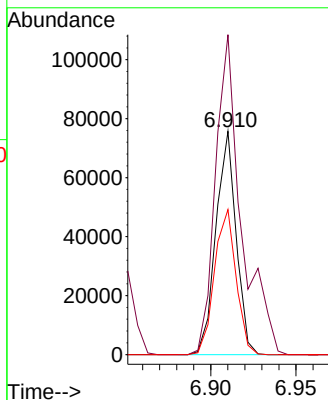
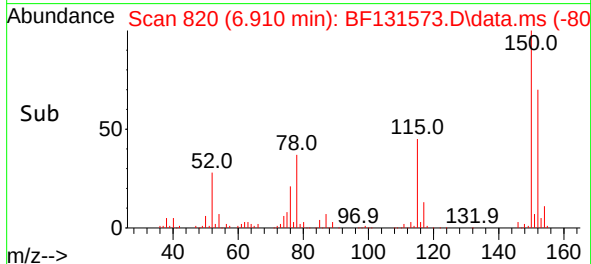
Instrument :
 BNA_F
 ClientSampleId :
 NYE-SOIL-1208MS



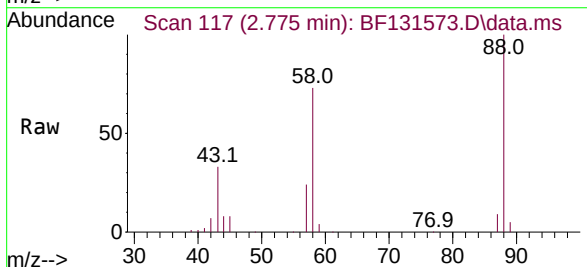
Tgt Ion:152 Resp: 62444
 Ion Ratio Lower Upper
 152 100
 150 143.3 116.7 175.1
 115 64.9 54.6 82.0

Manual Integrations
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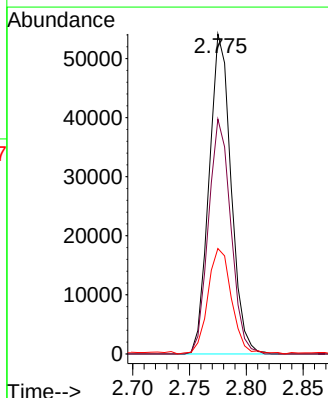
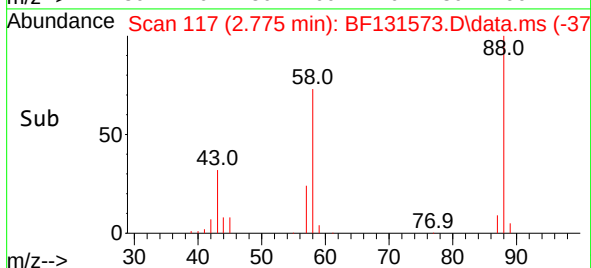
Reviewed By :Christian Giraldo 12/10/2022
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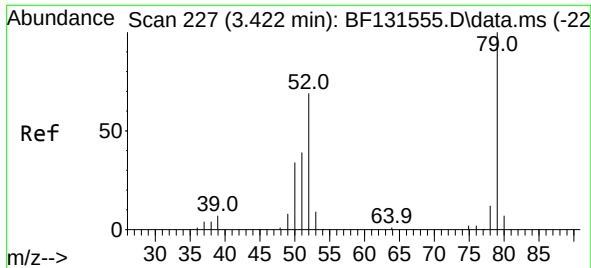


#2
 1,4-Dioxane
 Concen: 43.126 ng
 RT: 2.775 min Scan# 117
 Delta R.T. 0.118 min
 Lab File: BF131573.D
 Acq: 09 Dec 2022 18:41



Tgt Ion: 88 Resp: 72862
 Ion Ratio Lower Upper
 88 100
 58 74.6 60.0 90.0
 43 35.6 26.7 40.1





#3
Pyridine
Concen: 42.765 ng
RT: 3.528 min Scan# 241
Delta R.T. 0.106 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

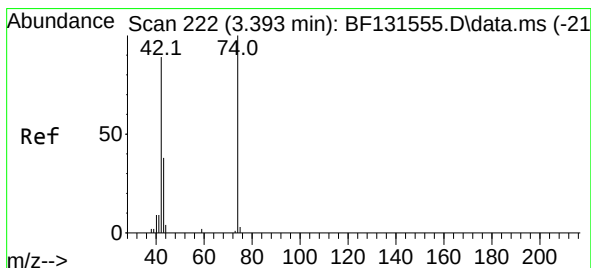
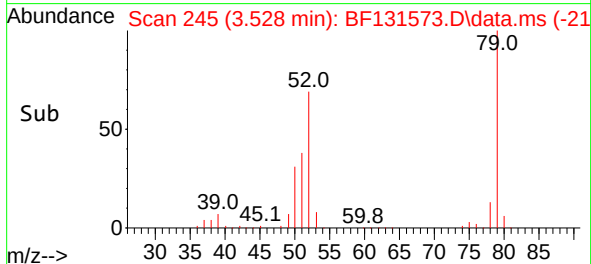
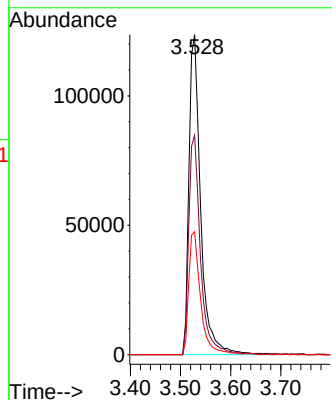
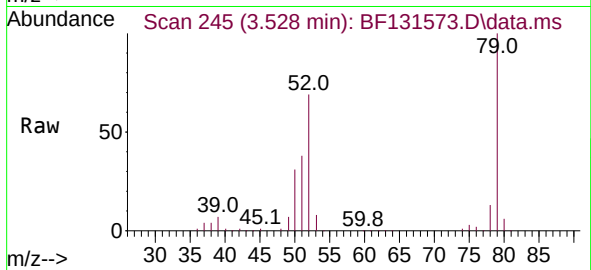
NYE-SOIL-1208MS

Tgt Ion: 79 Resp: 200596
Ion Ratio Lower Upper
79 100
52 68.6 55.0 82.6
51 38.4 31.4 47.2

Manual Integrations

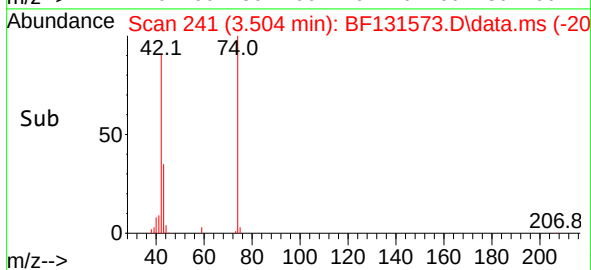
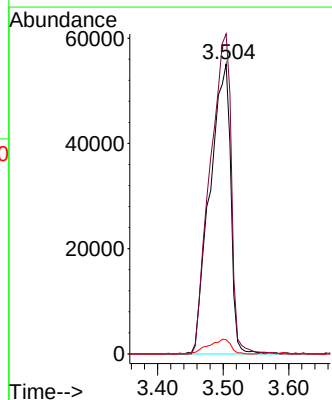
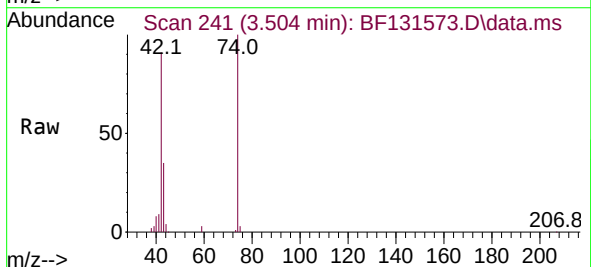
APPROVED

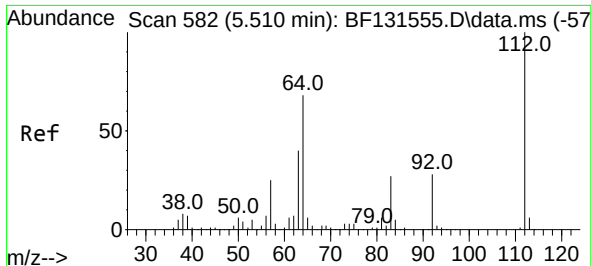
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#4
n-Nitrosodimethylamine
Concen: 46.901 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.112 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Tgt Ion: 42 Resp: 121329
Ion Ratio Lower Upper
42 100
74 110.4 90.2 135.2
44 4.9 3.7 5.5





#5
2-Fluorophenol
Concen: 109.408 ng
RT: 5.528 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

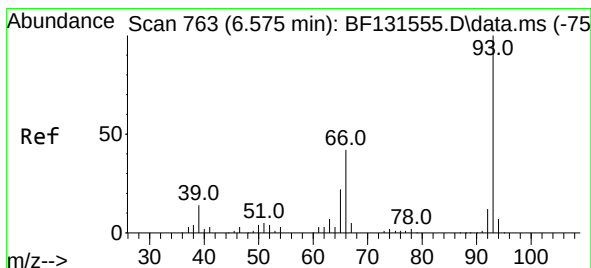
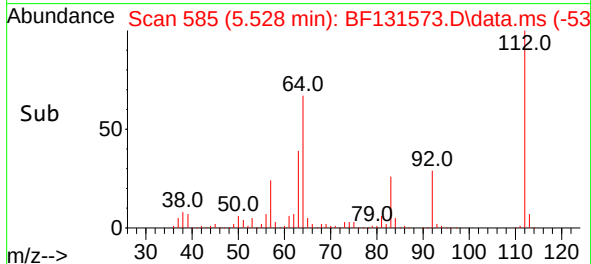
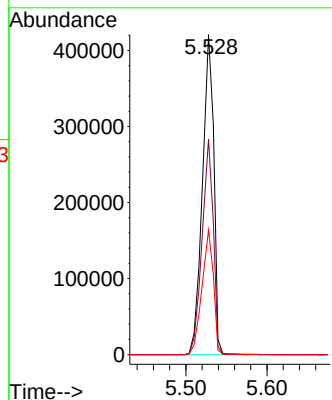
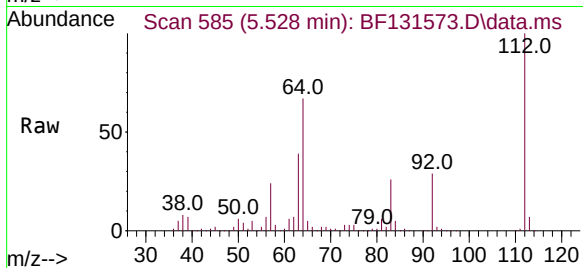
NYE-SOIL-1208MS

Tgt Ion:112 Resp: 409516
Ion Ratio Lower Upper
112 100
64 67.3 54.5 81.7
63 38.9 31.9 47.9

Manual Integrations

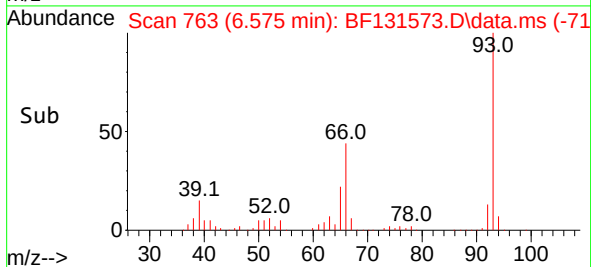
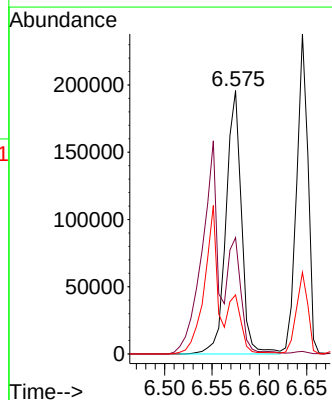
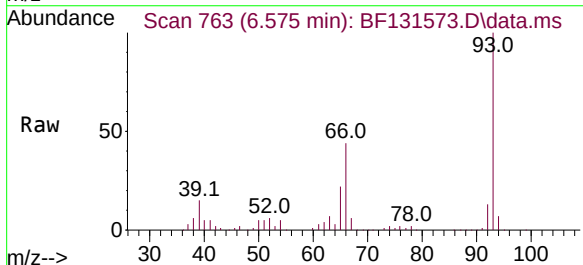
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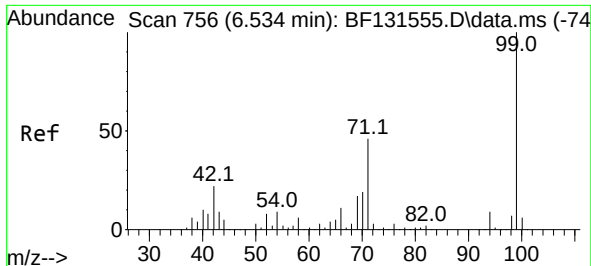
Reviewed By :Christian Giraldo 12/10/2022
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#6
Aniline
Concen: 37.773 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

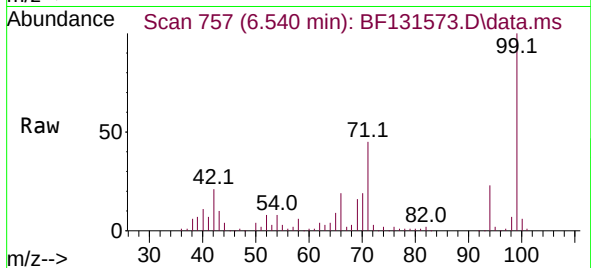
Tgt Ion: 93 Resp: 221581
Ion Ratio Lower Upper
93 100
66 44.2 34.6 51.8
65 22.4 17.7 26.5





#7
Phenol-d6
Concen: 109.238 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

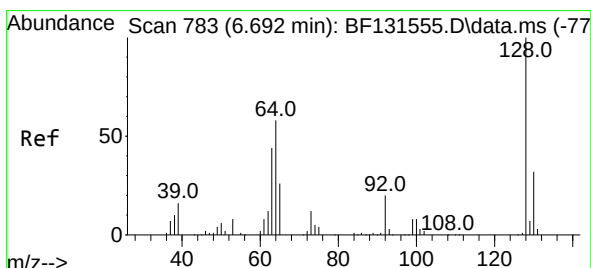
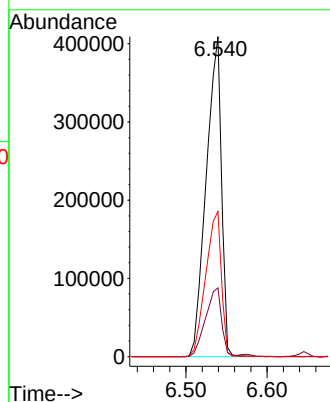
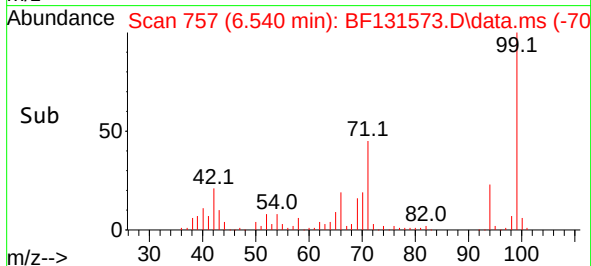
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



Tgt Ion: 99 Resp: 53580
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 45.3 37.2 55.8

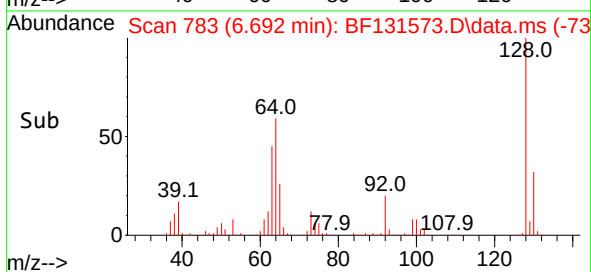
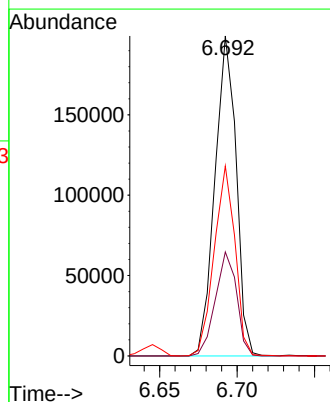
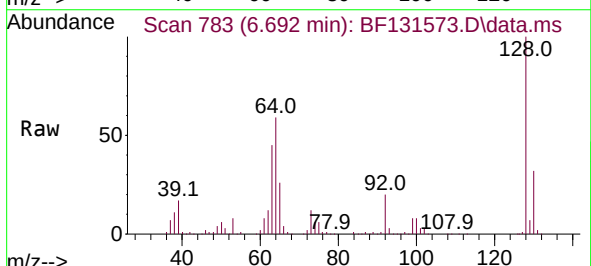
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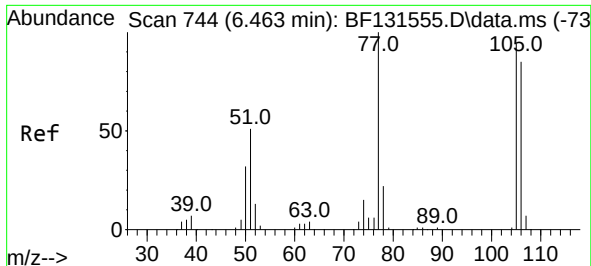
Reviewed By :Christian Giraldo 12/10/2022
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#8
2-Chlorophenol
Concen: 47.997 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Tgt Ion:128 Resp: 190387
Ion Ratio Lower Upper
128 100
130 32.5 11.6 51.6
64 59.3 40.6 80.6





#9

Benzaldehyde

Concen: 31.378 ng

RT: 6.457 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF131573.D

Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MS

Tgt Ion: 77 Resp: 105434

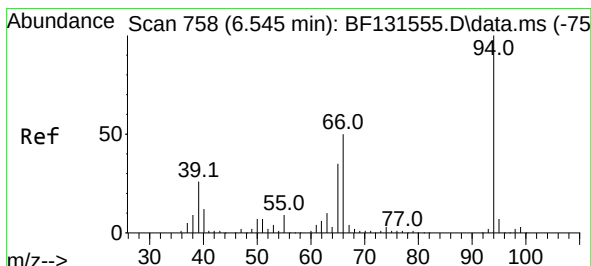
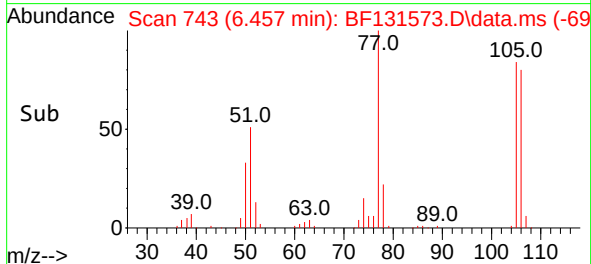
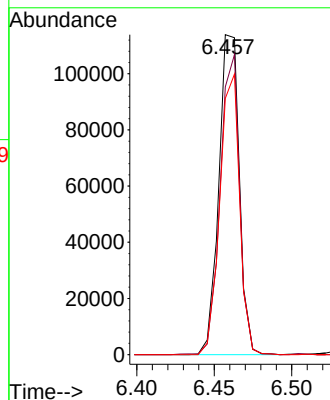
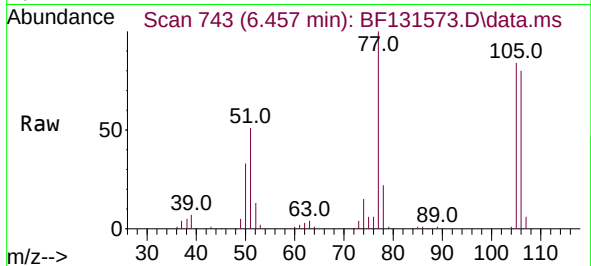
Ion	Ratio	Lower	Upper
77	100		
105	83.7	73.8	113.8
106	80.1	65.2	105.2

Manual Integrations

APPROVED

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#10

Phenol

Concen: 48.328 ng m

RT: 6.551 min Scan# 759

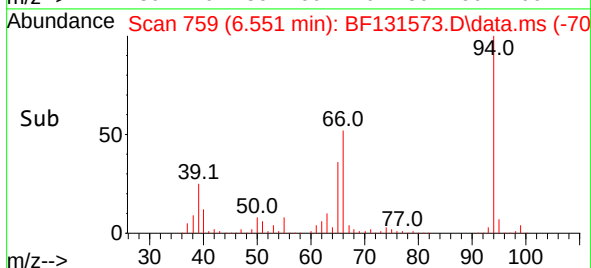
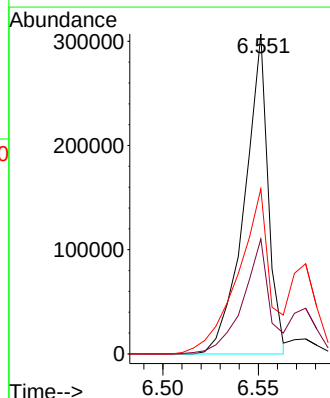
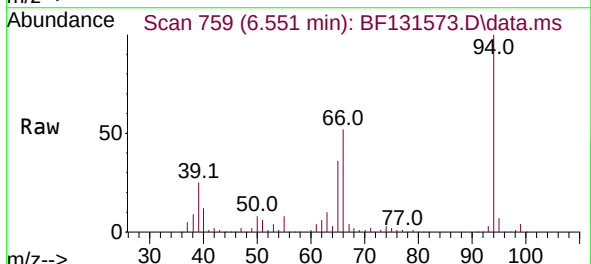
Delta R.T. 0.006 min

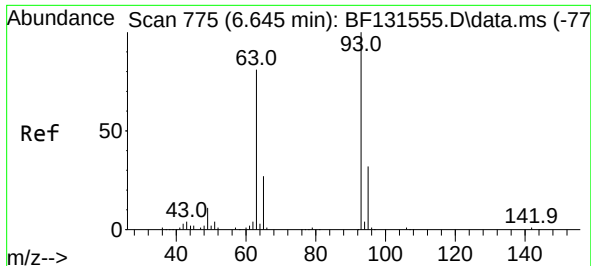
Lab File: BF131573.D

Acq: 09 Dec 2022 18:41

Tgt Ion: 94 Resp: 264410

Ion	Ratio	Lower	Upper
94	100		
65	35.9	14.8	54.8
66	51.6	30.8	70.8





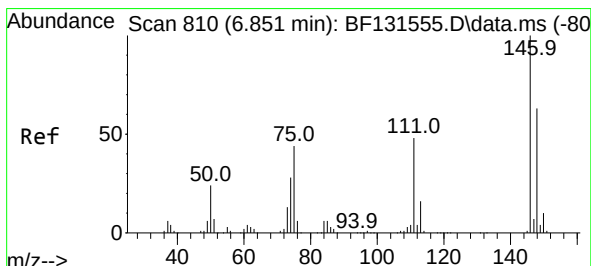
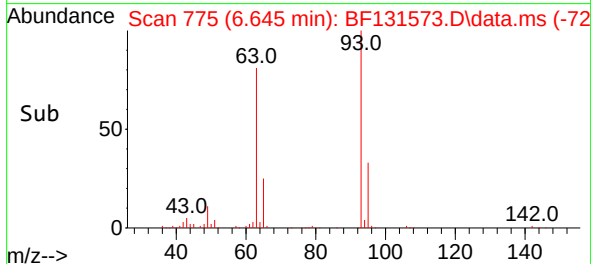
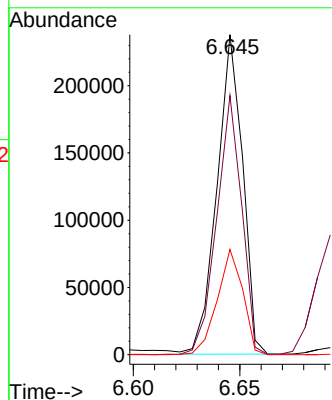
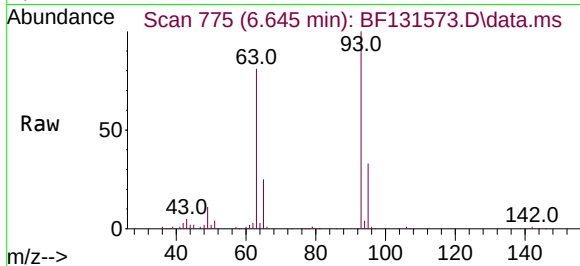
#11
bis(2-Chloroethyl)ether
Concen: 48.434 ng
RT: 6.645 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS

Tgt Ion: 93 Resp: 198635
Ion Ratio Lower Upper
93 100
63 81.0 60.4 100.4
95 32.9 12.3 52.3

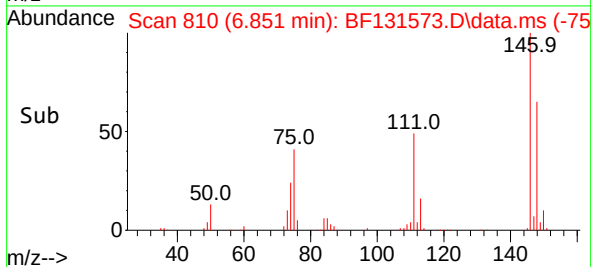
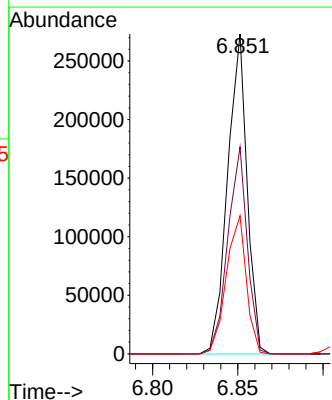
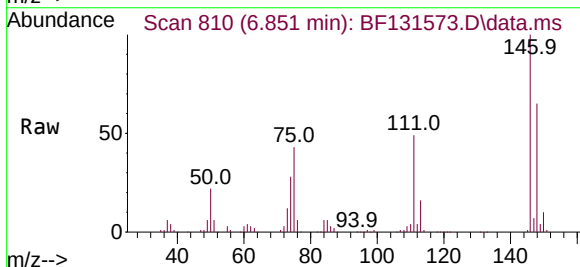
Manual Integrations
APPROVED

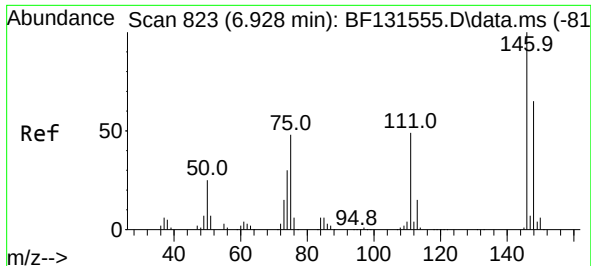
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#12
1,3-Dichlorobenzene
Concen: 47.316 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

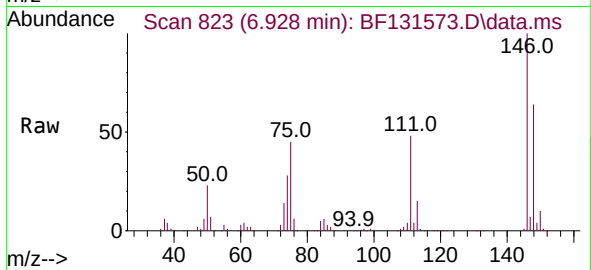
Tgt Ion:146 Resp: 217599
Ion Ratio Lower Upper
146 100
148 64.6 50.7 76.1
75 43.2 35.1 52.7





#13
1,4-Dichlorobenzene
Concen: 47.103 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

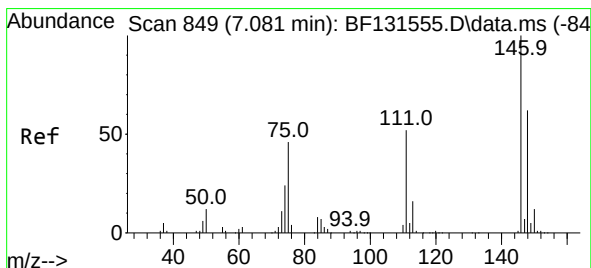
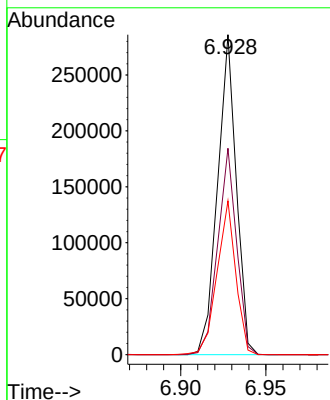
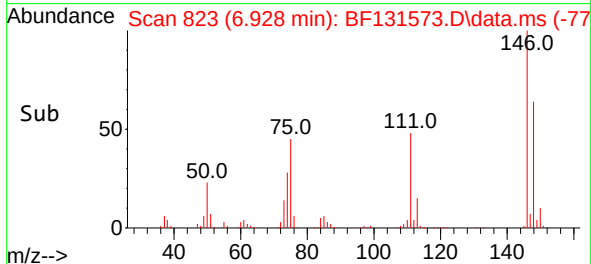
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



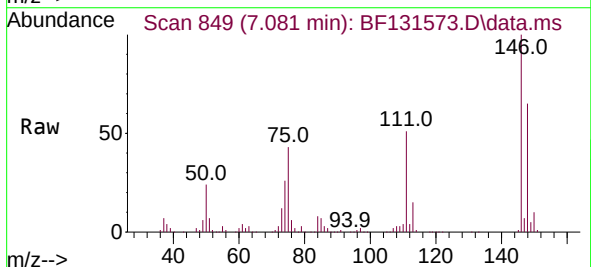
Tgt Ion:146 Resp: 21850
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
111 48.0 38.9 58.3

Manual Integrations
APPROVED

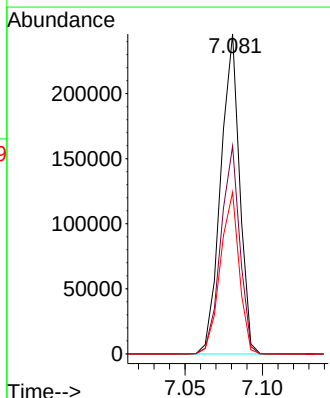
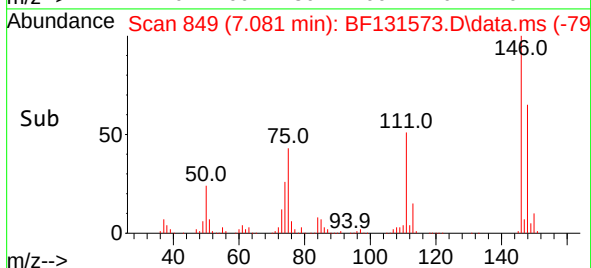
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

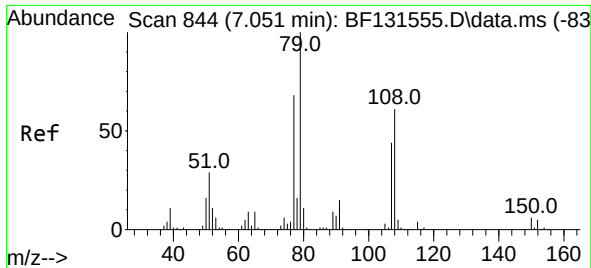


#14
1,2-Dichlorobenzene
Concen: 46.990 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



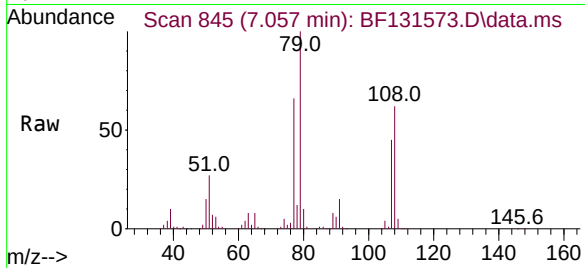
Tgt Ion:146 Resp: 208222
Ion Ratio Lower Upper
146 100
148 65.0 49.9 74.9
111 50.5 41.8 62.6





#15
Benzyl Alcohol
Concen: 48.276 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

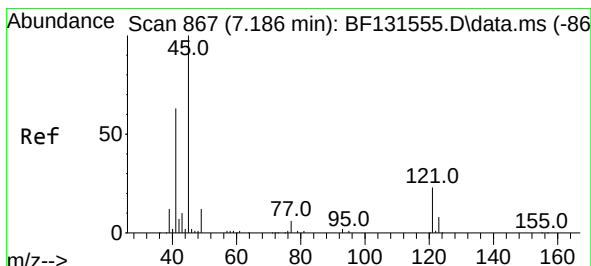
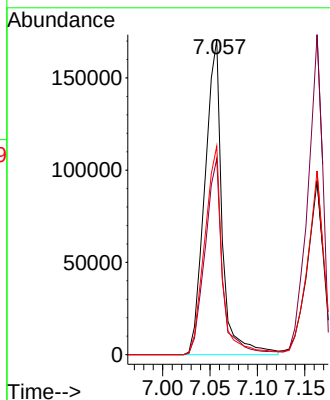
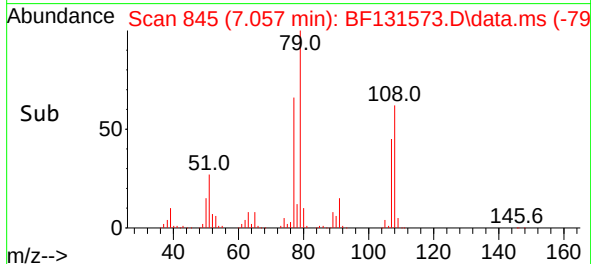
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



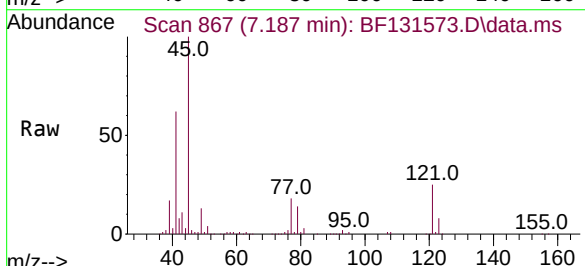
Tgt Ion: 79 Resp: 217086
Ion Ratio Lower Upper
79 100
108 62.2 49.2 73.8
77 66.3 54.5 81.7

Manual Integrations
APPROVED

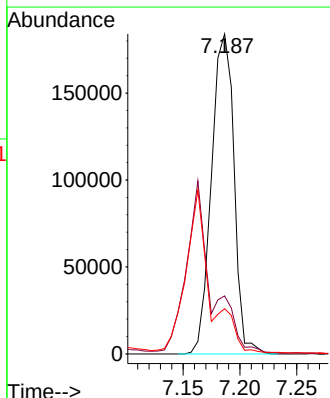
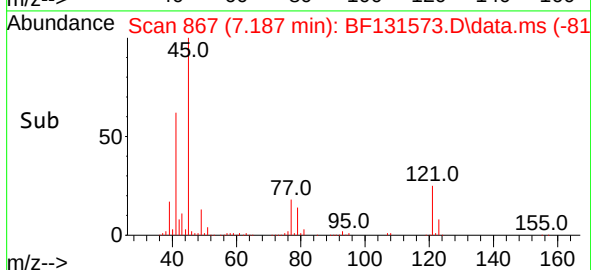
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

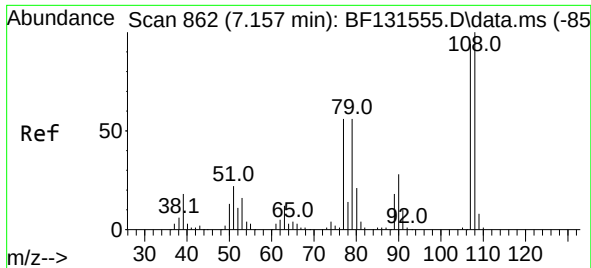


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.820 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



Tgt Ion: 45 Resp: 253337
Ion Ratio Lower Upper
45 100
77 18.1 0.0 37.7
79 14.1 0.0 33.6





#17
2-Methylphenol
Concen: 49.097 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

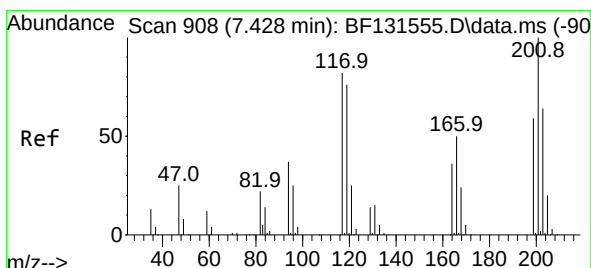
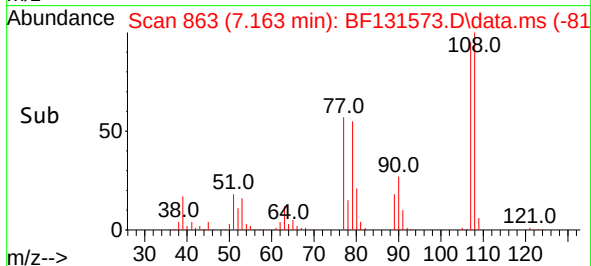
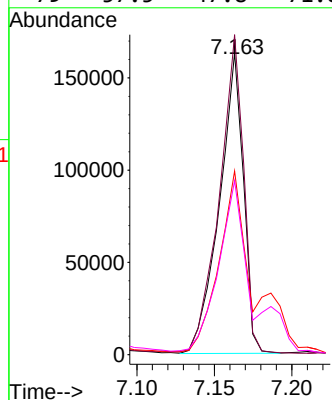
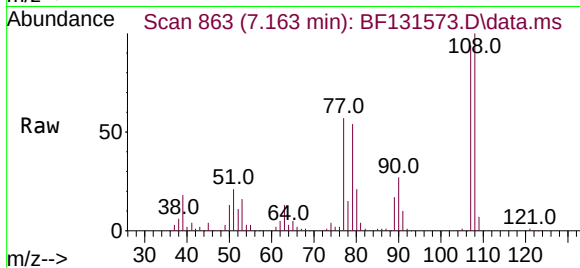
NYE-SOIL-1208MS

Tgt Ion:107 Resp: 175514
Ion Ratio Lower Upper
107 100
108 105.9 85.5 128.3
77 60.8 48.2 72.4
79 57.5 47.8 71.8

Manual Integrations

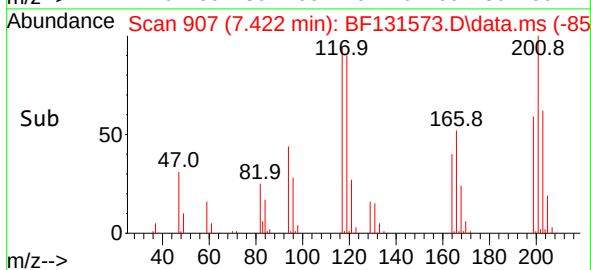
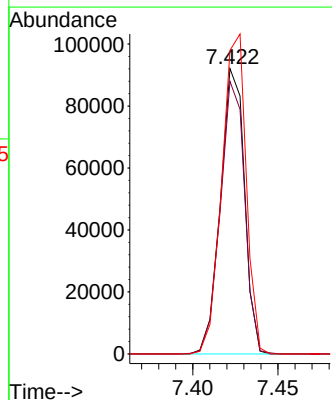
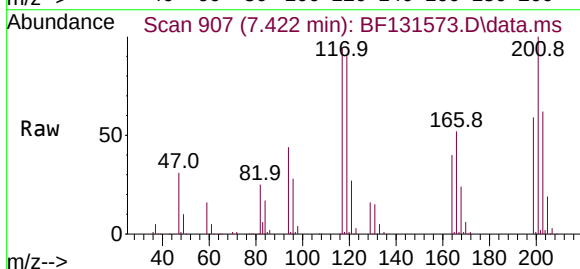
APPROVED

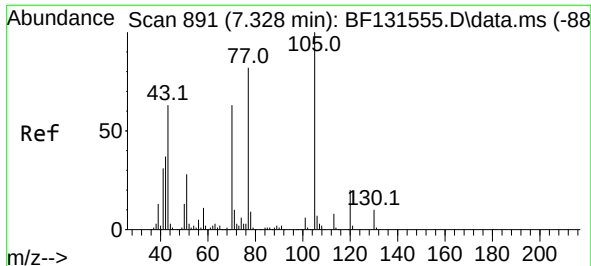
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#18
Hexachloroethane
Concen: 48.200 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

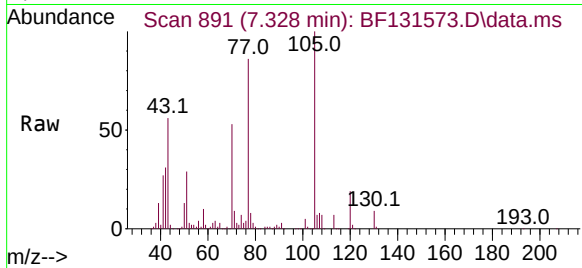
Tgt Ion:117 Resp: 90195
Ion Ratio Lower Upper
117 100
119 95.5 75.0 112.4
201 106.4 98.0 147.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.534 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

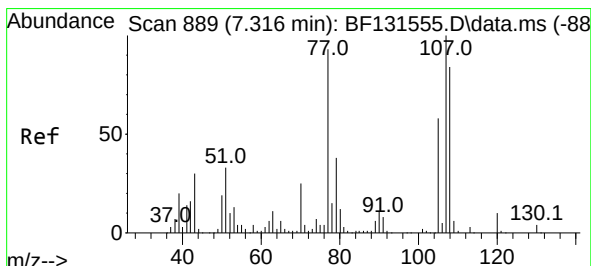
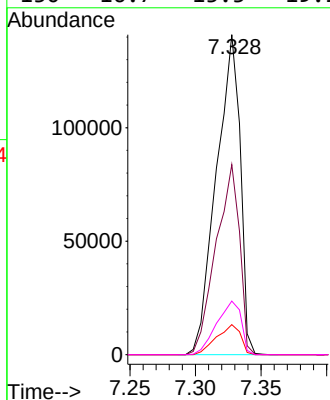
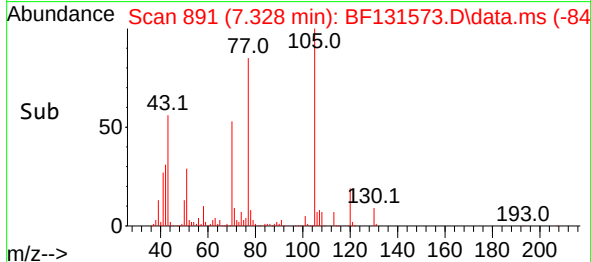
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



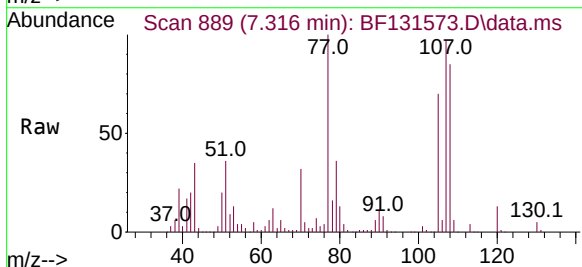
Tgt Ion: 70 Resp: 178506
Ion Ratio Lower Upper
70 100
42 59.4 46.4 69.6
101 9.4 7.2 10.8
130 16.7 13.3 19.9

Manual Integrations
APPROVED

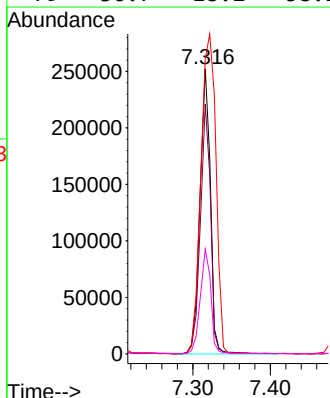
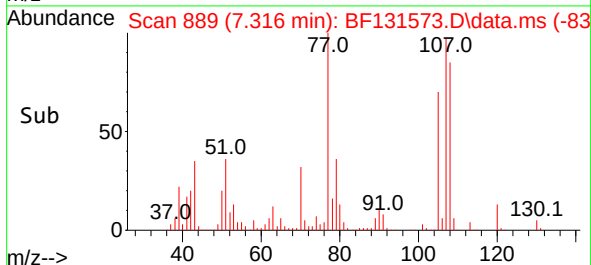
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

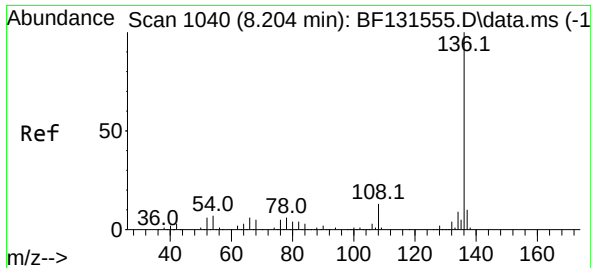


#20
3+4-Methylphenols
Concen: 48.484 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



Tgt Ion:107 Resp: 236076
Ion Ratio Lower Upper
107 100
108 87.6 64.0 104.0
77 103.4 73.1 113.1
79 36.7 18.2 58.2





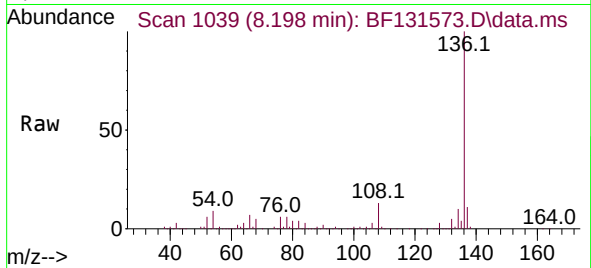
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MS

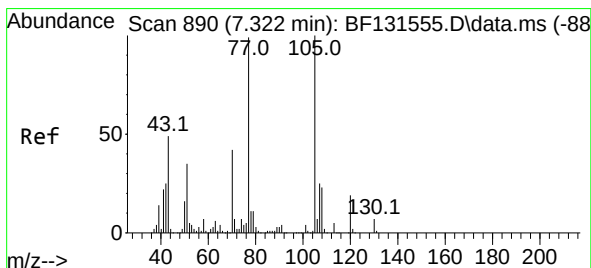
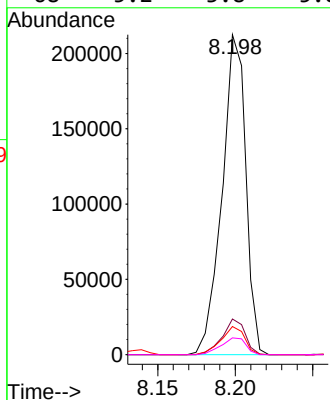
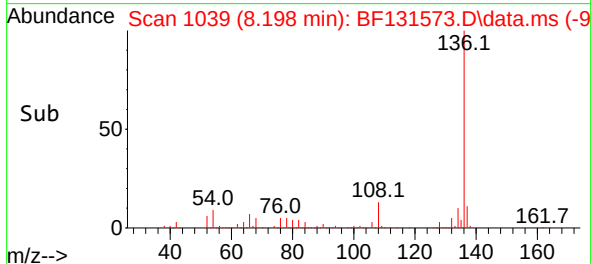


Tgt Ion:136 Resp: 225936
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 8.8 6.0 9.0
68 5.2 3.8 5.8

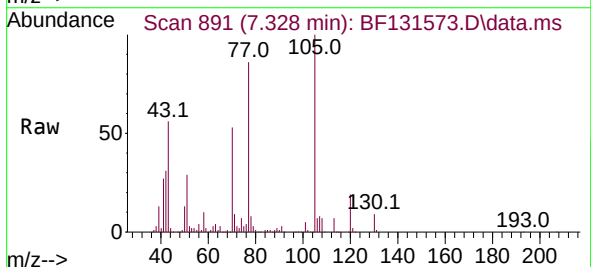
Manual Integrations

APPROVED

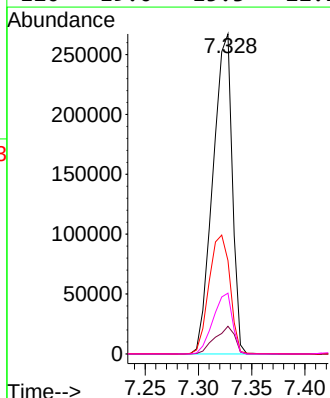
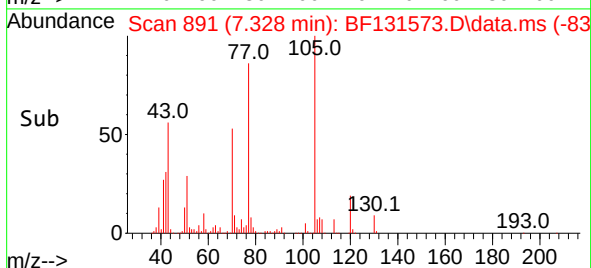
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

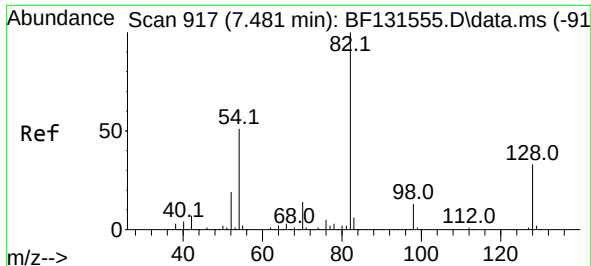


#22
Acetophenone
Concen: 47.626 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



Tgt Ion:105 Resp: 337203
Ion Ratio Lower Upper
105 100
71 8.6 5.4 8.0#
51 29.2 27.8 41.6
120 19.0 15.3 22.9





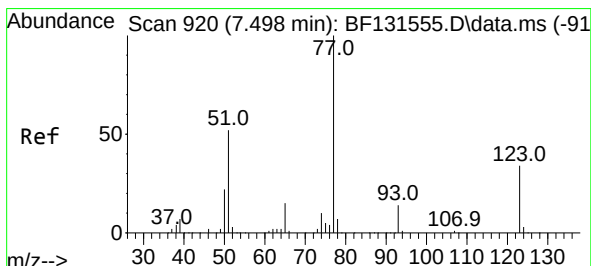
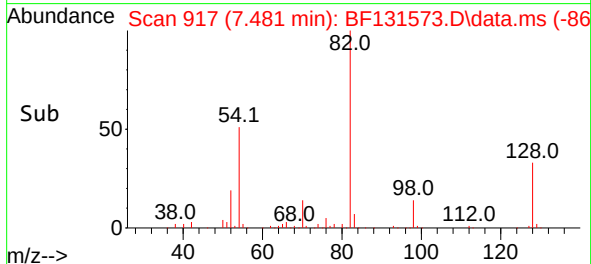
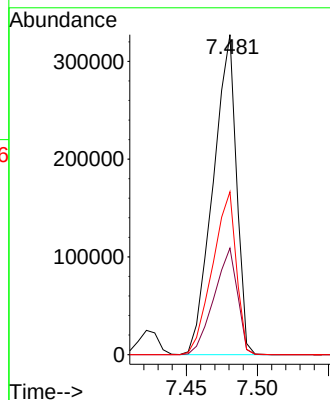
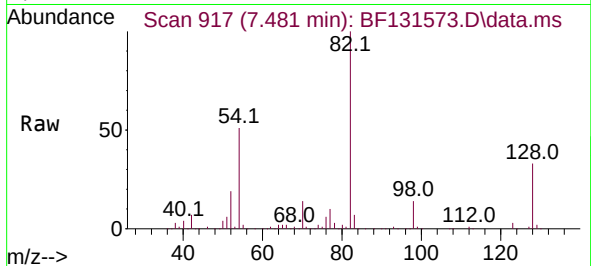
#23
Nitrobenzene-d5
Concen: 62.762 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS

Tgt Ion: 82 Resp: 375073
Ion Ratio Lower Upper
82 100
128 33.3 26.1 39.1
54 50.9 40.6 60.8

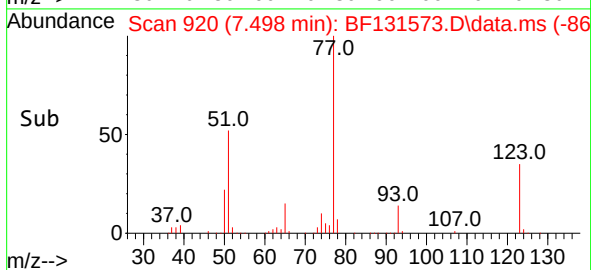
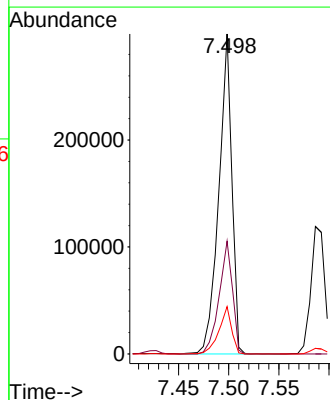
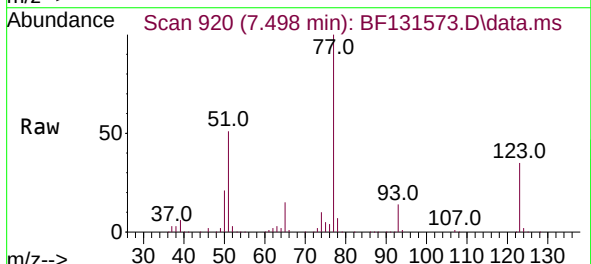
Manual Integrations
APPROVED

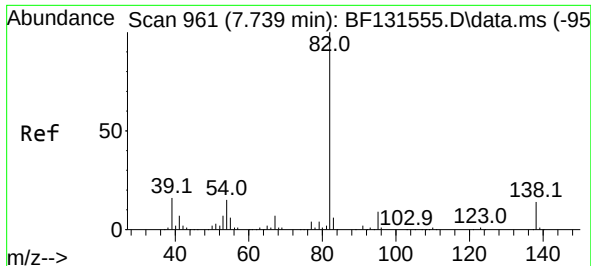
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#24
Nitrobenzene
Concen: 45.148 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Tgt Ion: 77 Resp: 272126
Ion Ratio Lower Upper
77 100
123 35.2 27.1 40.7
65 14.8 11.9 17.9





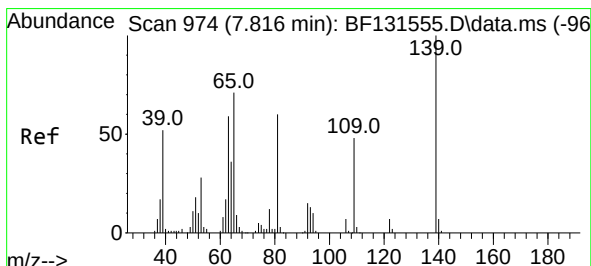
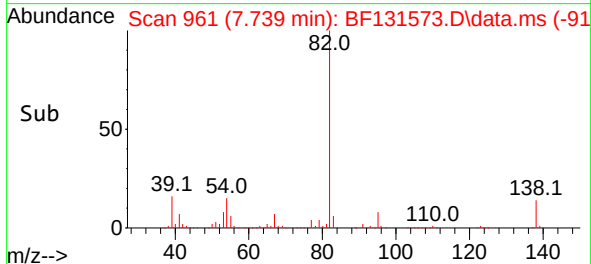
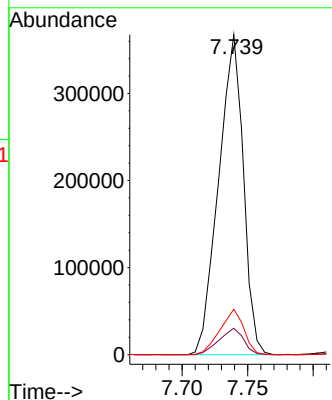
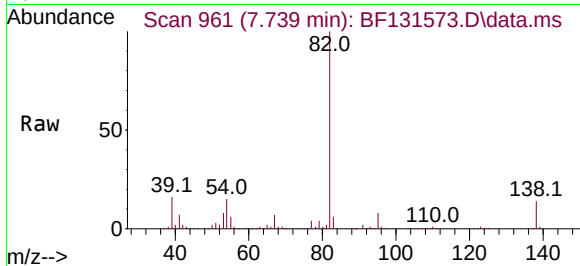
#25
Isophorone
Concen: 50.068 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS

Tgt Ion: 82 Resp: 481950
Ion Ratio Lower Upper
82 100
95 8.2 6.9 10.3
138 14.2 11.4 17.0

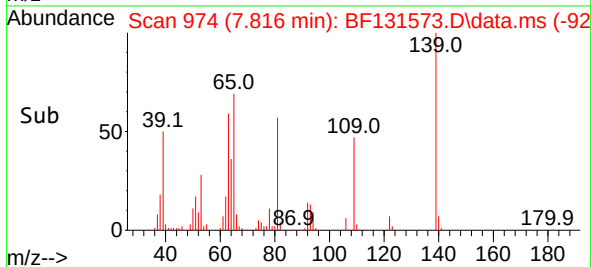
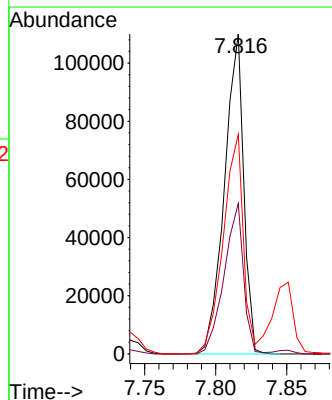
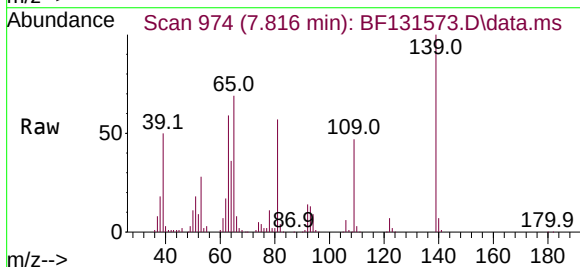
Manual Integrations
APPROVED

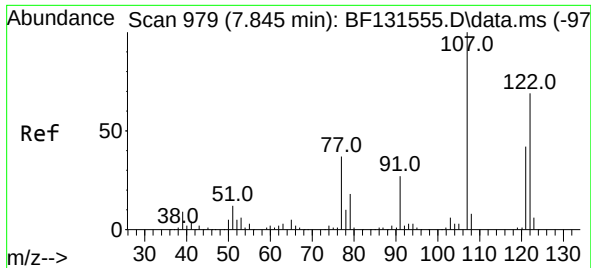
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#26
2-Nitrophenol
Concen: 50.644 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Tgt Ion:139 Resp: 104095
Ion Ratio Lower Upper
139 100
109 47.0 38.6 58.0
65 68.6 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 56.816 ng m

RT: 7.851 min Scan# 980

Delta R.T. 0.006 min

Lab File: BF131573.D

Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

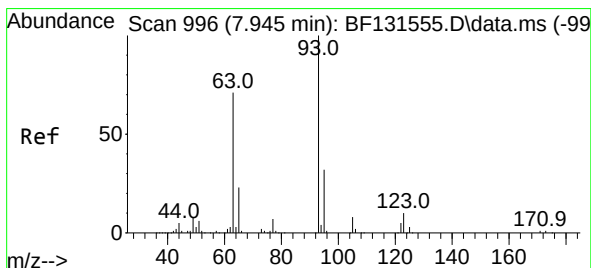
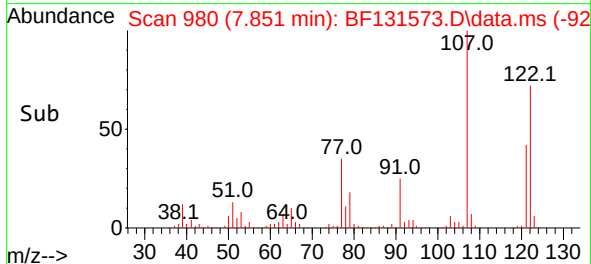
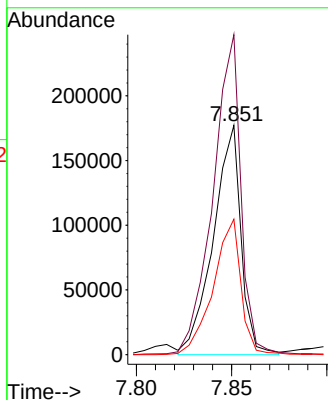
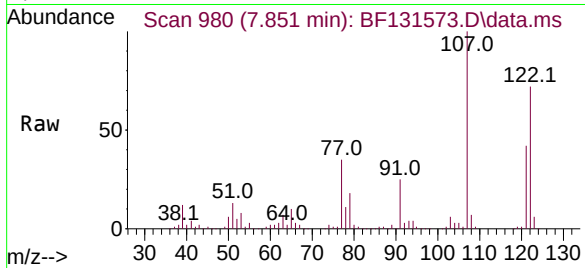
NYE-SOIL-1208MS

Tgt Ion:122 Resp: 178997
 Ion Ratio Lower Upper
 122 100
 107 139.6 114.2 171.2
 121 59.1 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/10/2022
 Supervised By :Jagrut Upadhyay 12/12/2022



#28

bis(2-Chloroethoxy)methane

Concen: 52.020 ng

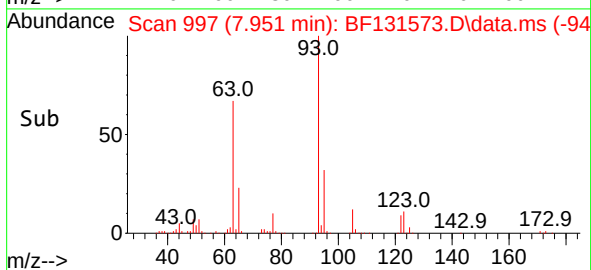
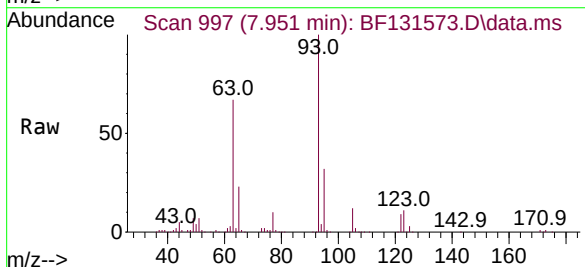
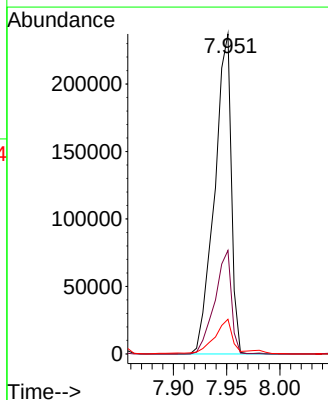
RT: 7.951 min Scan# 997

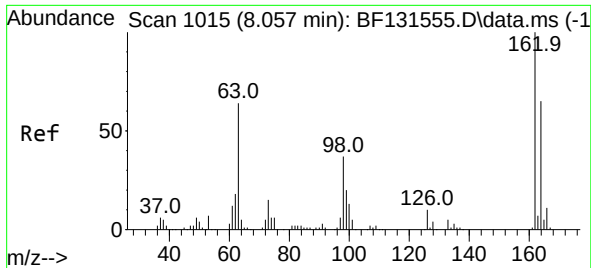
Delta R.T. 0.006 min

Lab File: BF131573.D

Acq: 09 Dec 2022 18:41

Tgt Ion: 93 Resp: 259038
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.8 38.6
 123 10.8 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 47.132 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF131573.D

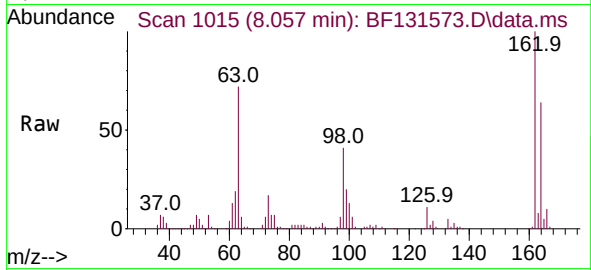
Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MS



Tgt Ion:162 Resp: 183600

Ion Ratio Lower Upper

162 100

164 64.4 45.0 85.0

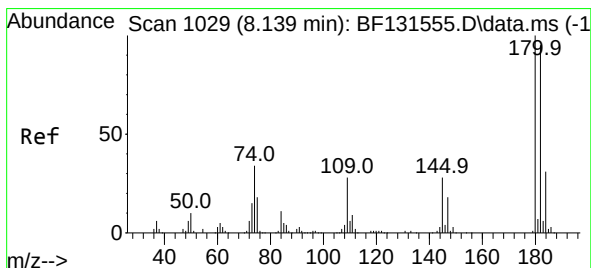
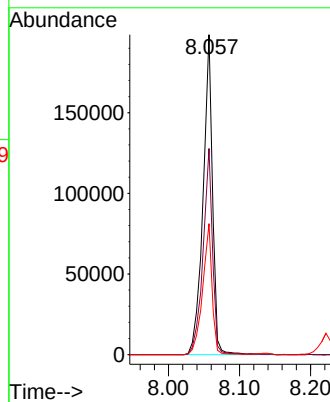
98 40.9 16.6 56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/10/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.149 ng

RT: 8.139 min Scan# 1029

Delta R.T. 0.000 min

Lab File: BF131573.D

Acq: 09 Dec 2022 18:41

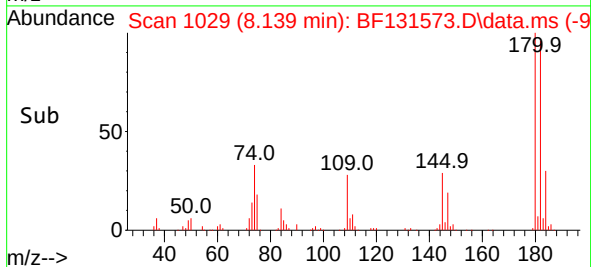
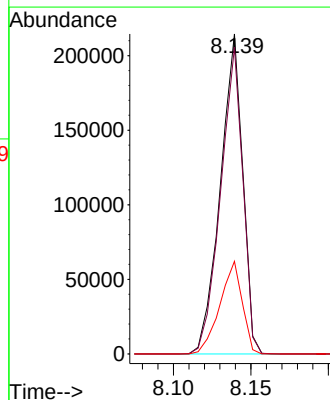
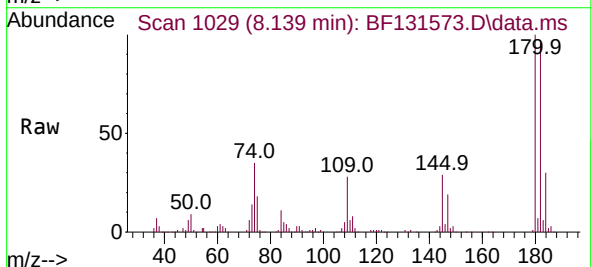
Tgt Ion:180 Resp: 215683

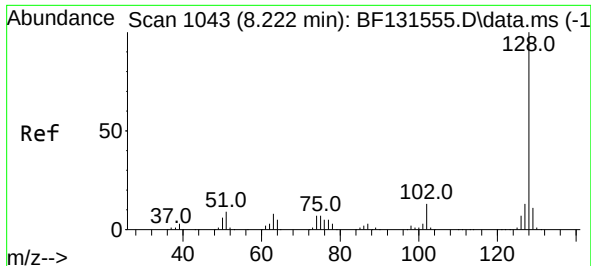
Ion Ratio Lower Upper

180 100

182 95.8 75.8 113.6

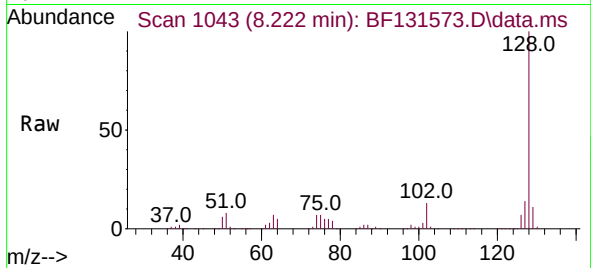
145 28.9 22.4 33.6





#31
Naphthalene
Concen: 44.957 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

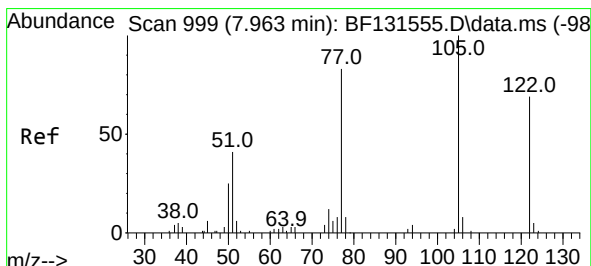
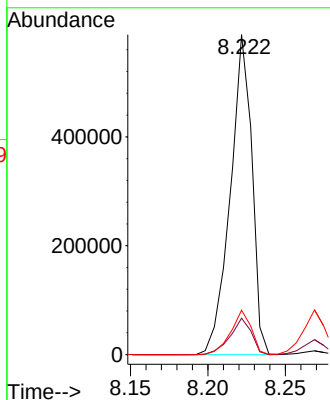
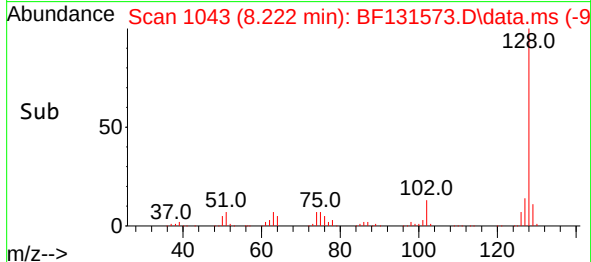
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



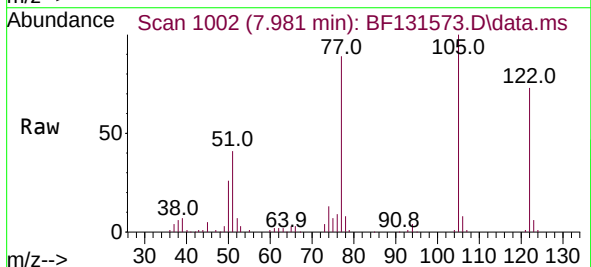
Tgt Ion:128 Resp: 572094
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.9 10.6 15.8

Manual Integrations
APPROVED

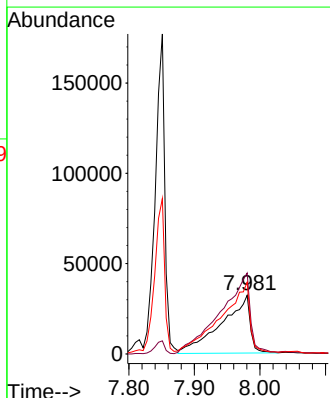
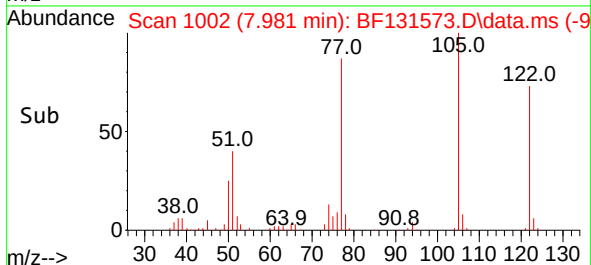
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

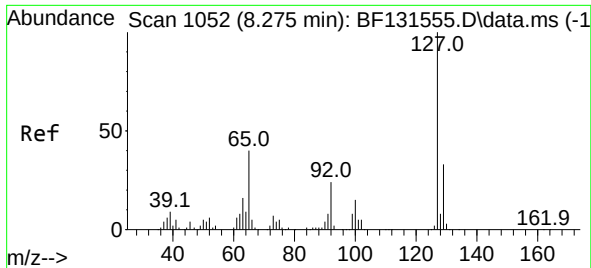


#32
Benzoic acid
Concen: 42.922 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.018 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



Tgt Ion:122 Resp: 97933
Ion Ratio Lower Upper
122 100
105 137.8 119.8 159.8
77 122.3 97.6 137.6





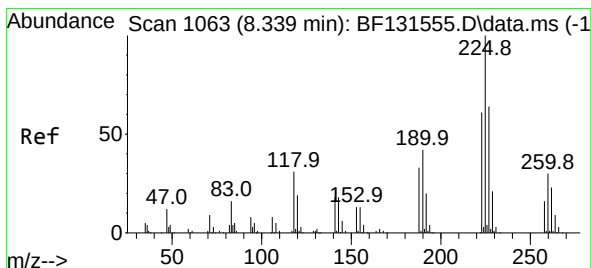
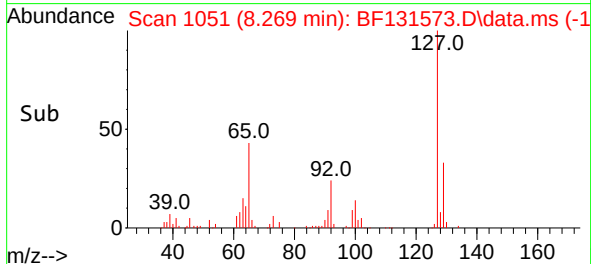
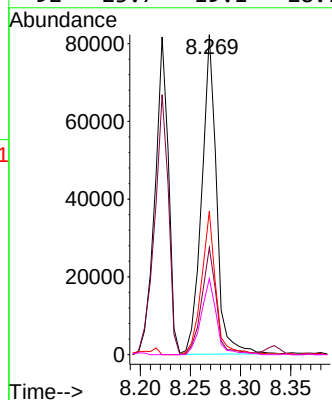
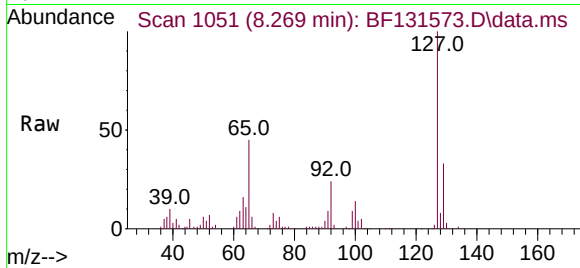
#33
4-Chloroaniline
Concen: 17.622 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS

Tgt Ion:127	Resp:	84056
Ion Ratio	Lower	Upper
127	100	
129	33.4	26.4 39.6
65	44.9	31.9 47.9
92	23.7	19.1 28.7

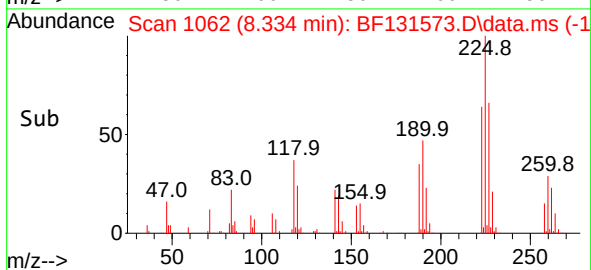
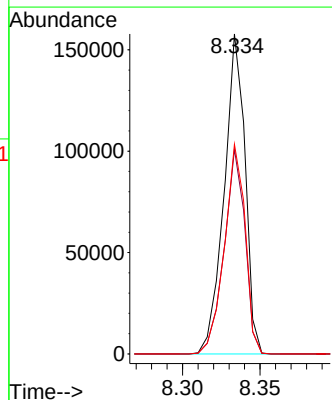
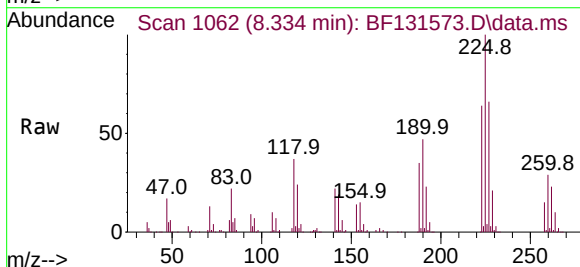
Manual Integrations
APPROVED

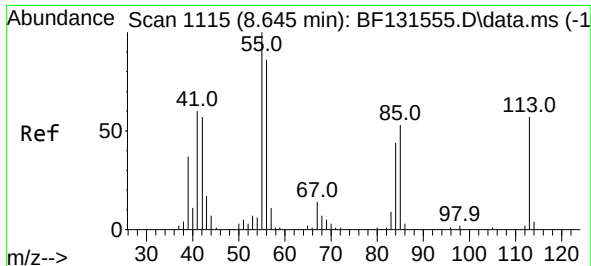
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#34
Hexachlorobutadiene
Concen: 44.065 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

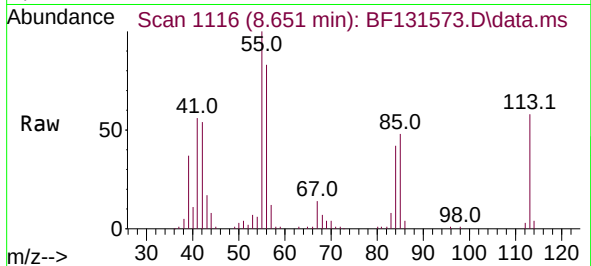
Tgt Ion:225	Resp:	148359
Ion Ratio	Lower	Upper
225	100	
223	63.9	48.7 73.1
227	65.5	51.0 76.6





#35
Caprolactam
Concen: 51.828 ng m
RT: 8.651 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

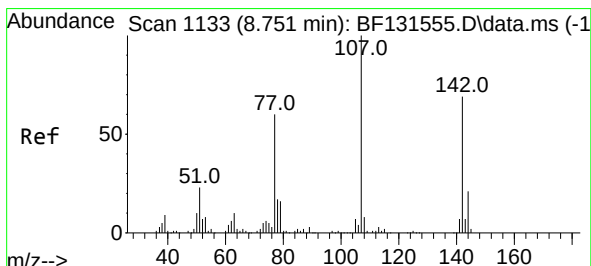
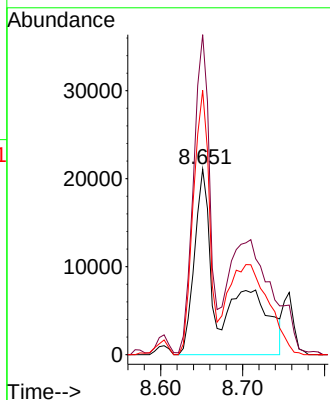
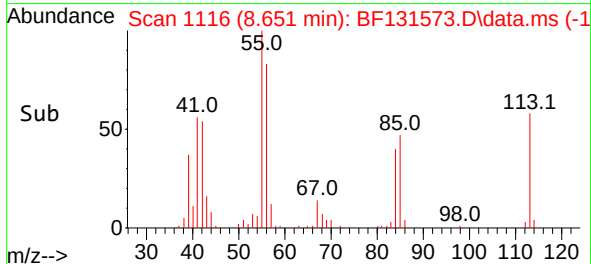
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



Tgt Ion:113 Resp: 52226
Ion Ratio Lower Upper
113 100
55 172.5 155.8 195.8
56 142.4 131.7 171.7

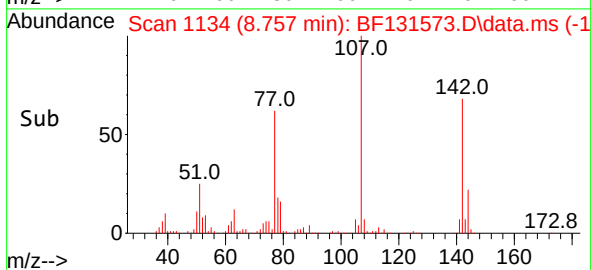
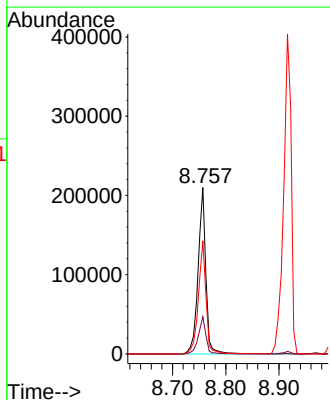
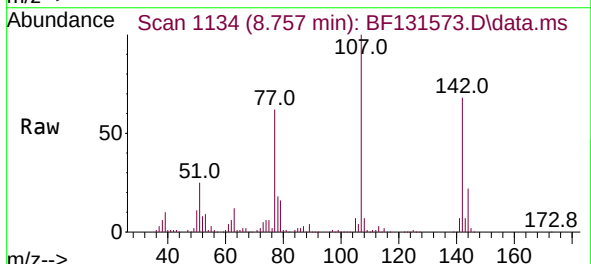
Manual Integrations
APPROVED

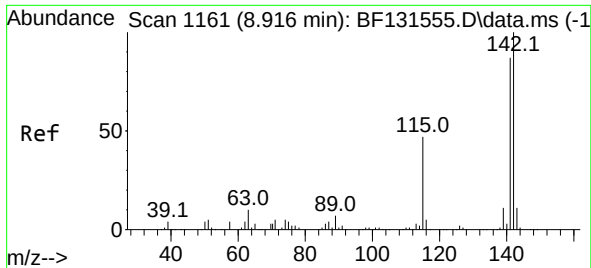
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#36
4-Chloro-3-methylphenol
Concen: 48.428 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Tgt Ion:107 Resp: 211839
Ion Ratio Lower Upper
107 100
144 22.3 17.0 25.4
142 68.0 54.8 82.2





#37

2-Methylnaphthalene

Concen: 45.695 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF131573.D

Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MS

Tgt Ion:142 Resp: 397676

Ion Ratio Lower Upper

142 100

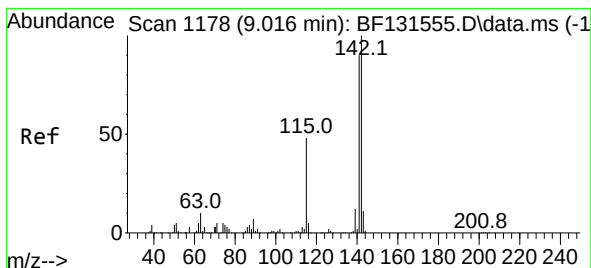
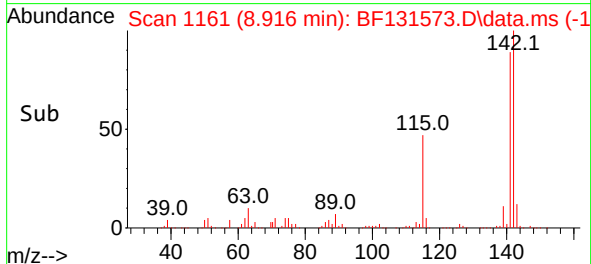
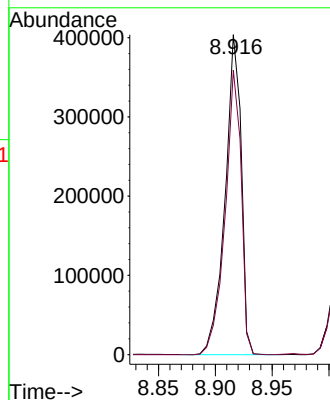
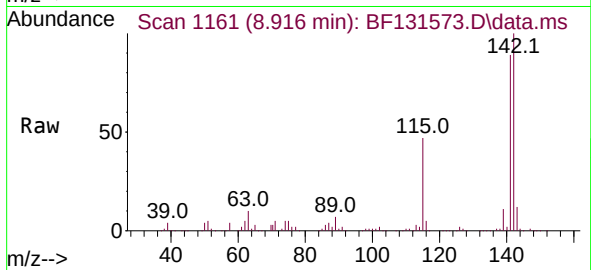
141 88.9 69.7 104.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/10/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#38

1-Methylnaphthalene

Concen: 44.801 ng

RT: 9.016 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF131573.D

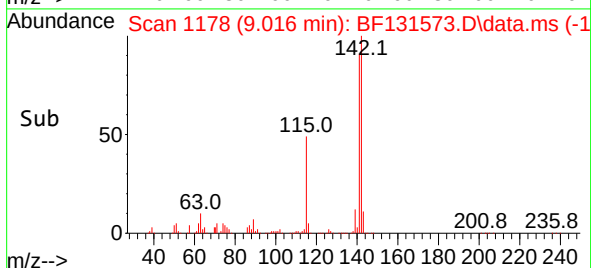
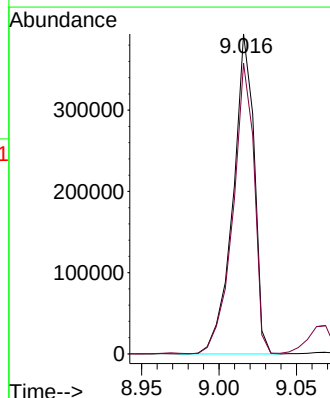
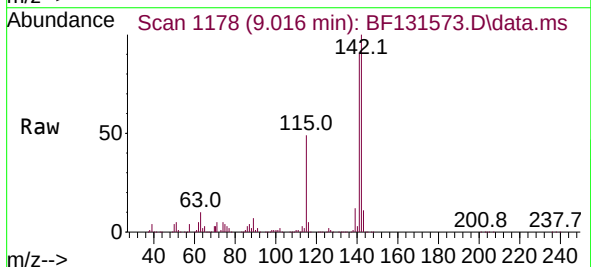
Acq: 09 Dec 2022 18:41

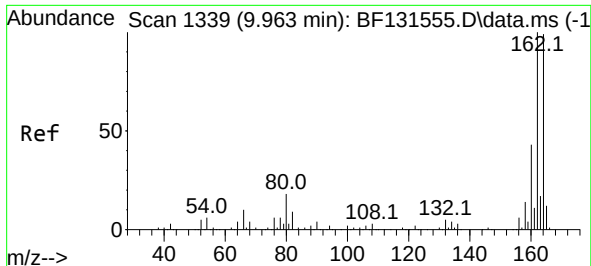
Tgt Ion:142 Resp: 374279

Ion Ratio Lower Upper

142 100

141 90.9 71.9 107.9





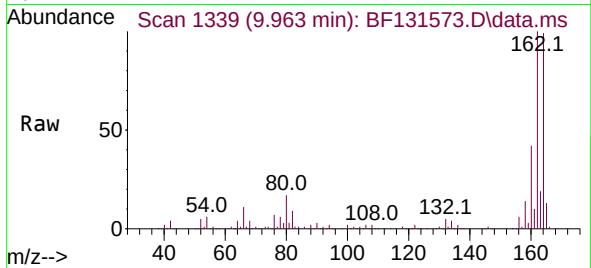
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MS

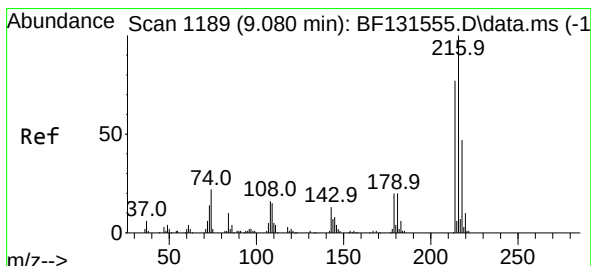
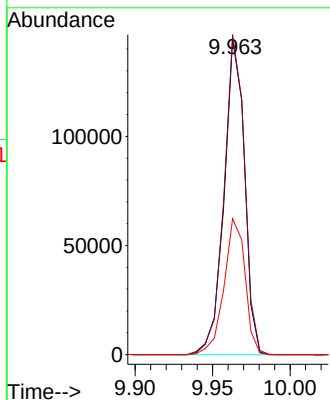
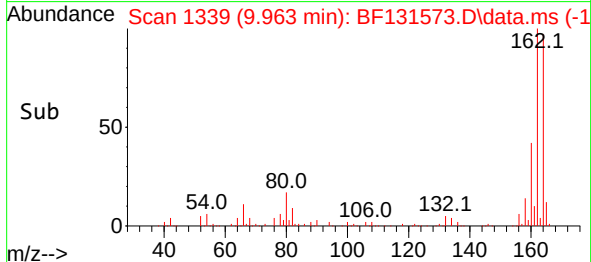


Tgt Ion:164 Resp: 132162
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.6
160 43.1 35.0 52.6

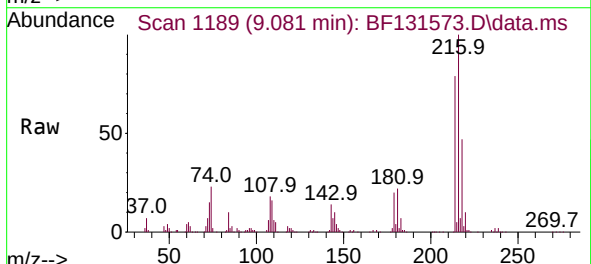
Manual Integrations

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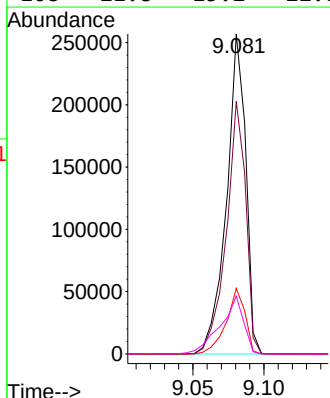
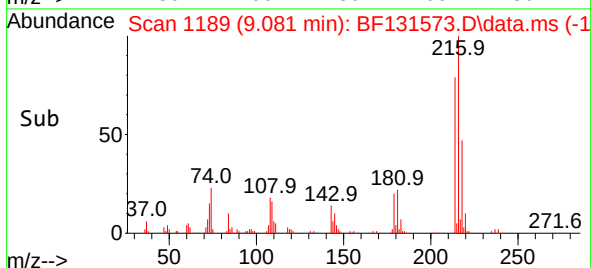
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

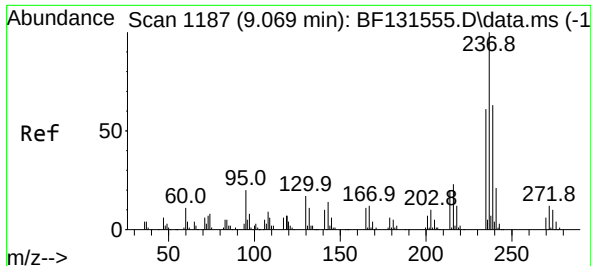


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.421 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



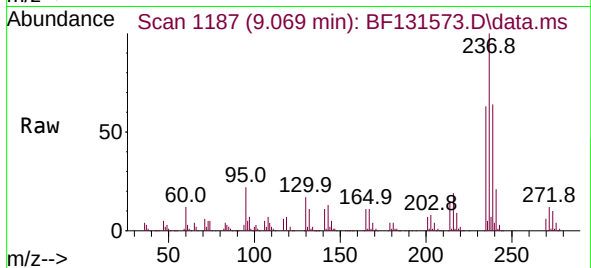
Tgt Ion:216 Resp: 241795
Ion Ratio Lower Upper
216 100
214 79.4 62.1 93.1
179 20.2 16.0 24.0
108 21.8 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 128.371 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

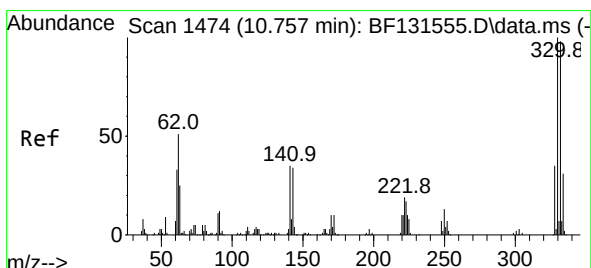
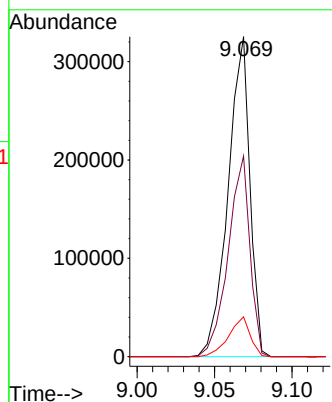
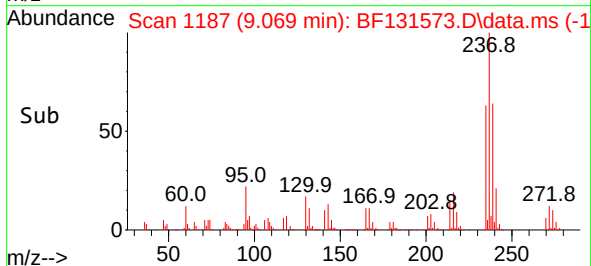
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



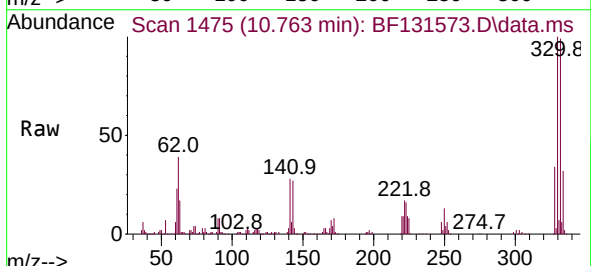
Tgt Ion: 237 Resp: 318787
Ion Ratio Lower Upper
237 100
235 62.7 40.6 80.6
272 12.4 0.0 32.2

Manual Integrations
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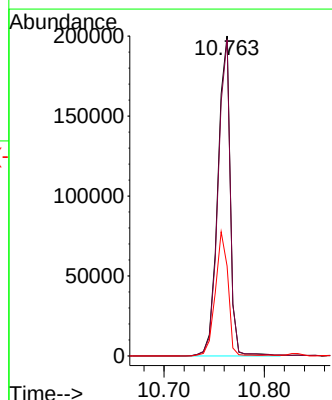
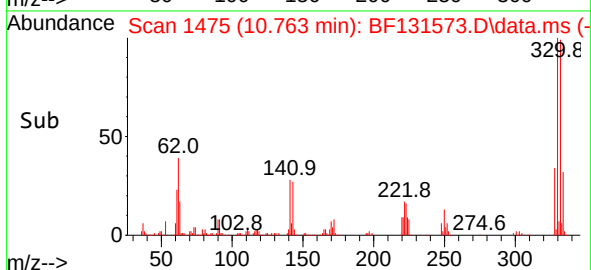
Reviewed By : Christian Giraldo 12/10/2022
Supervised By : Jagrut Upadhyay 12/12/2022

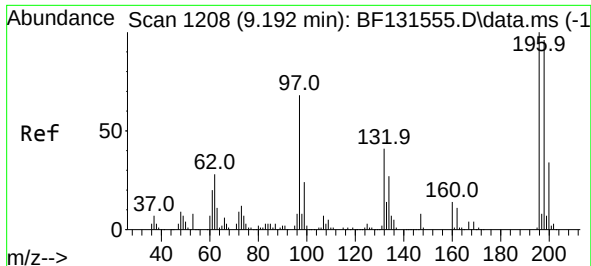


#42
2,4,6-Tribromophenol
Concen: 116.842 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



Tgt Ion: 330 Resp: 171572
Ion Ratio Lower Upper
330 100
332 98.2 78.3 117.5
141 39.5 32.6 49.0





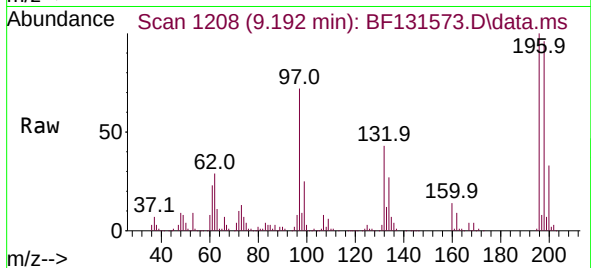
#43
2,4,6-Trichlorophenol
Concen: 48.247 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MS

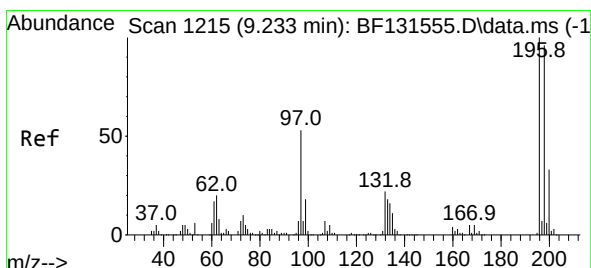
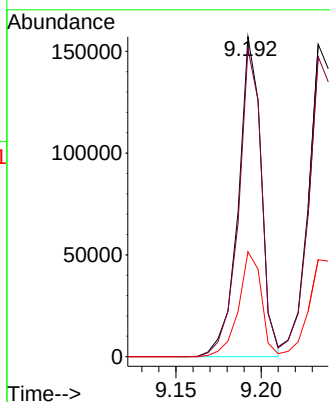
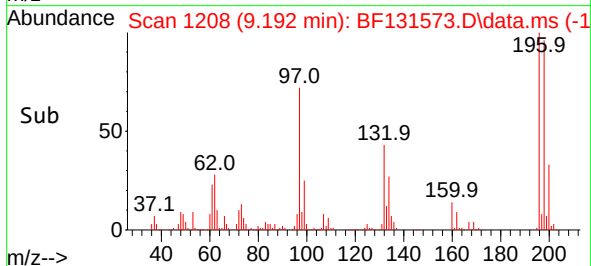


Tgt Ion:196 Resp: 146004
Ion Ratio Lower Upper
196 100
198 96.2 76.9 115.3
200 32.8 26.9 40.3

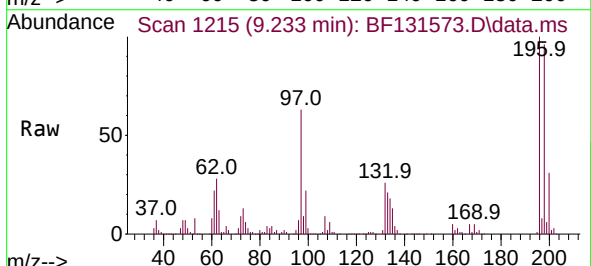
Manual Integrations

APPROVED

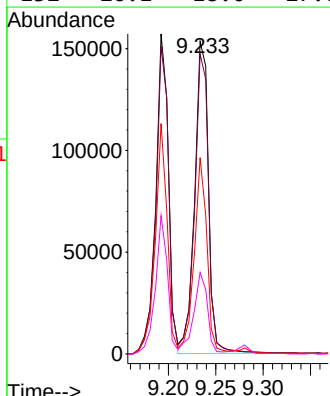
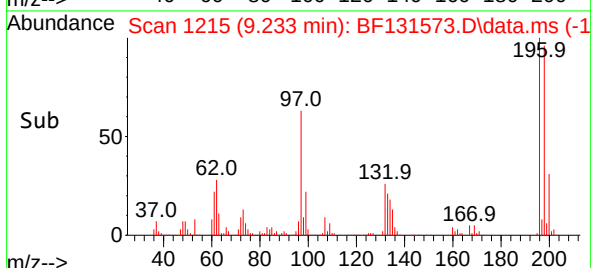
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

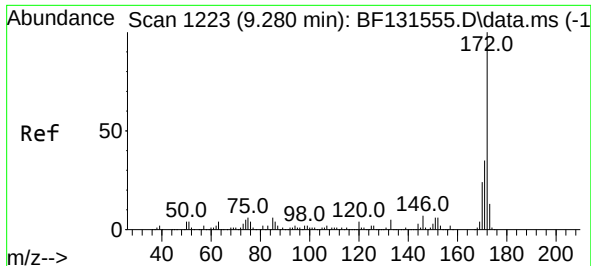


#44
2,4,5-Trichlorophenol
Concen: 47.854 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



Tgt Ion:196 Resp: 155739
Ion Ratio Lower Upper
196 100
198 96.0 77.2 115.8
97 62.8 42.2 63.2
132 26.1 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 64.422 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

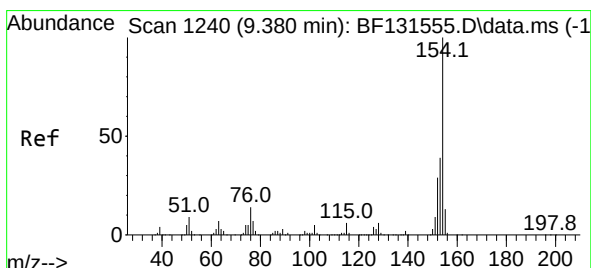
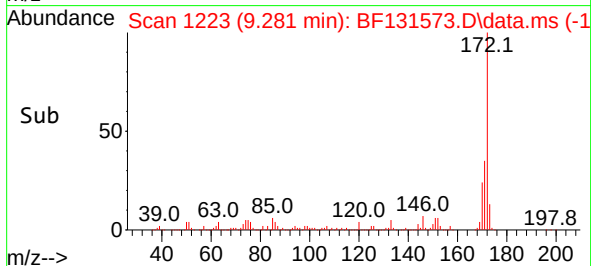
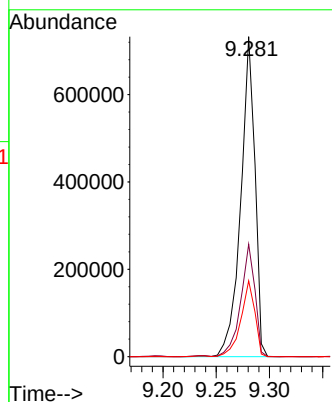
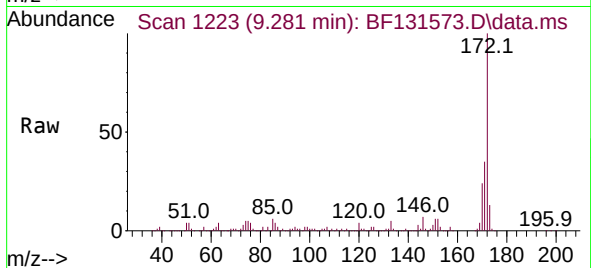
NYE-SOIL-1208MS

Tgt Ion:172 Resp: 675283
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.7 19.3 28.9

Manual Integrations

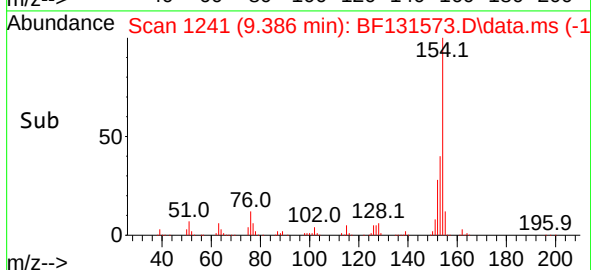
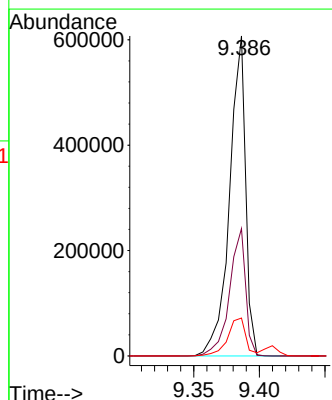
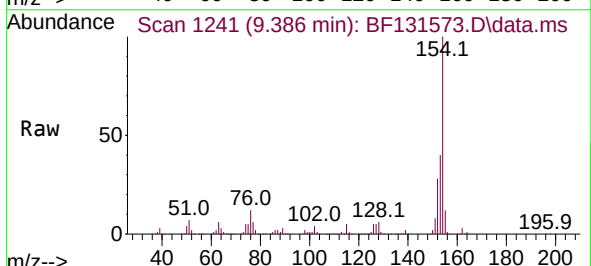
APPROVED

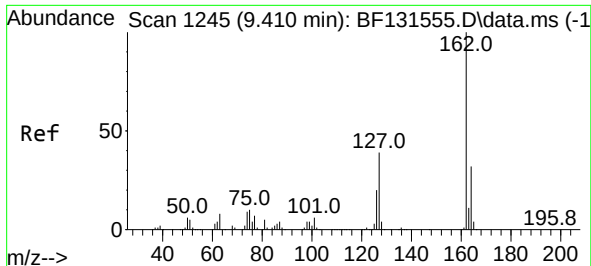
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#46
1,1'-Biphenyl
Concen: 49.404 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

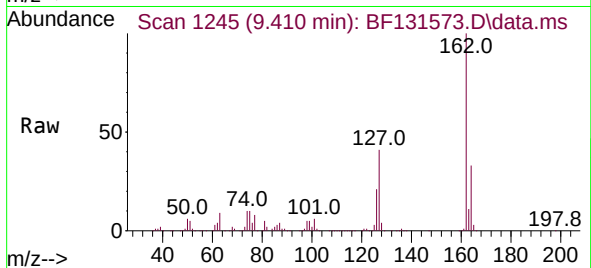
Tgt Ion:154 Resp: 516263
Ion Ratio Lower Upper
154 100
153 39.8 19.4 59.4
76 11.8 0.0 34.0





#47
2-Chloronaphthalene
Concen: 48.212 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

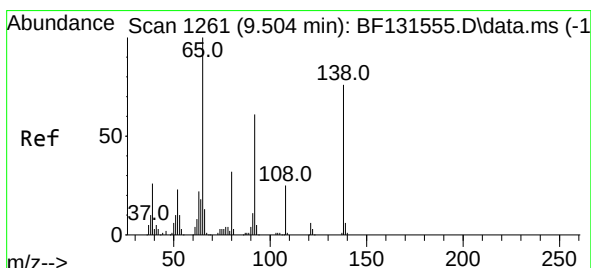
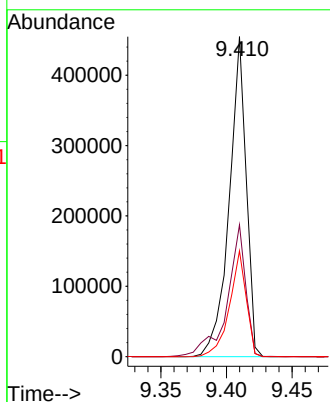
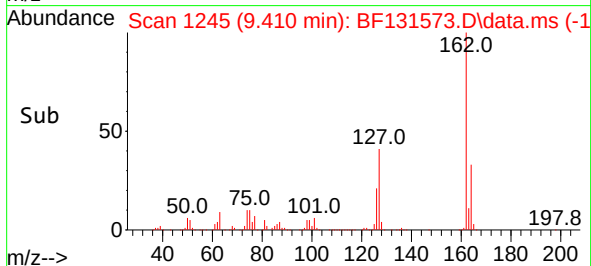
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



Tgt Ion:162 Resp: 410472
Ion Ratio Lower Upper
162 100
127 41.2 31.4 47.2
164 33.0 25.8 38.8

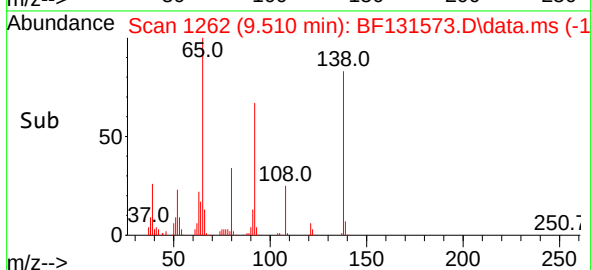
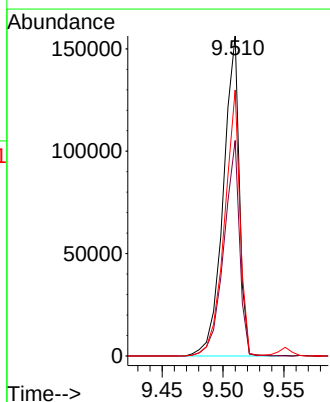
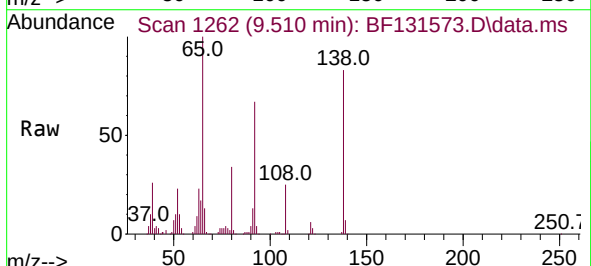
Manual Integrations
APPROVED

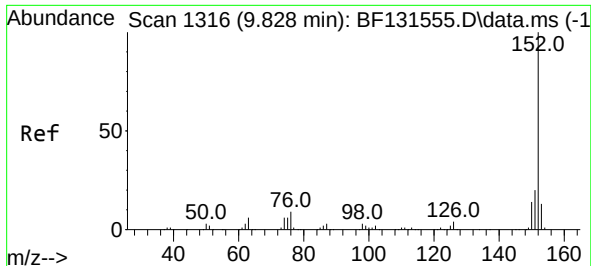
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#48
2-Nitroaniline
Concen: 47.344 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Tgt Ion: 65 Resp: 142789
Ion Ratio Lower Upper
65 100
92 67.3 49.2 73.8
138 83.1 60.7 91.1





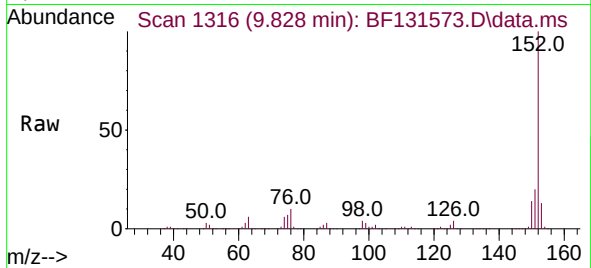
#49
Acenaphthylene
Concen: 48.897 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MS

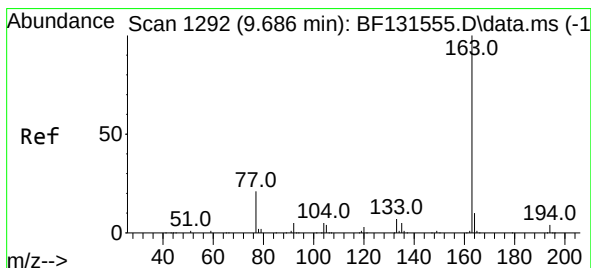
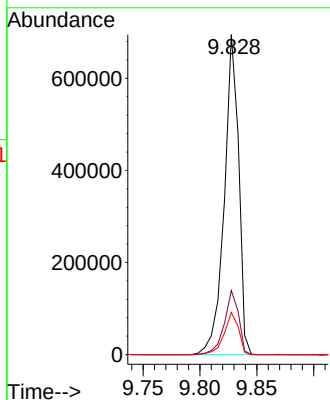
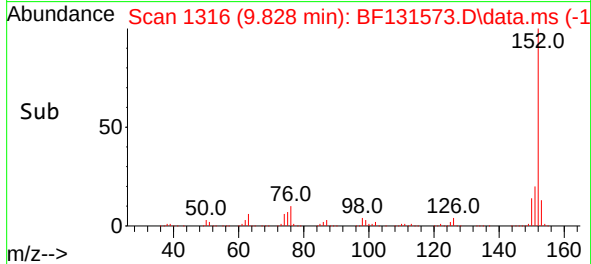


Tgt Ion:152 Resp: 611262
Ion Ratio Lower Upper
152 100
151 20.0 15.6 23.4
153 13.2 10.4 15.6

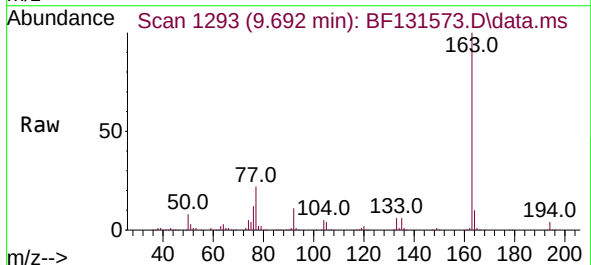
Manual Integrations

APPROVED

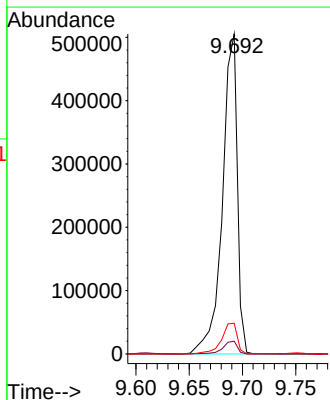
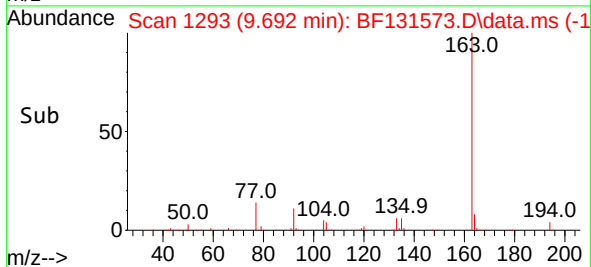
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

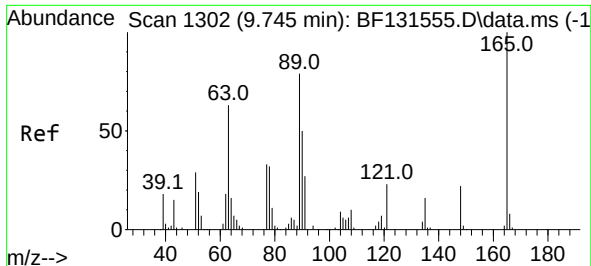


#50
Dimethylphthalate
Concen: 48.768 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



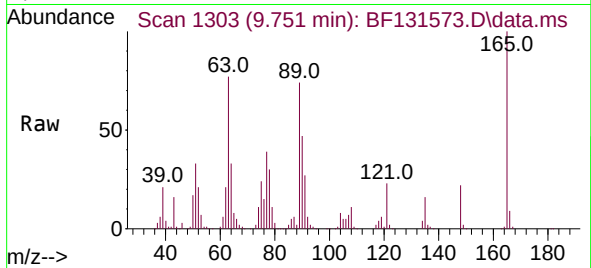
Tgt Ion:163 Resp: 491350
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.6 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 50.504 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

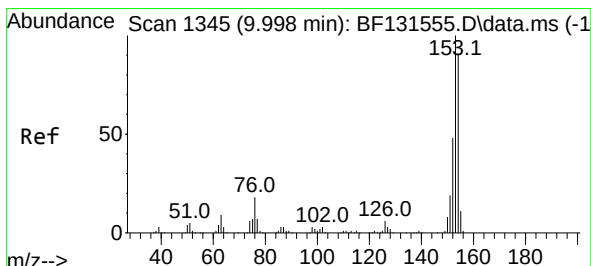
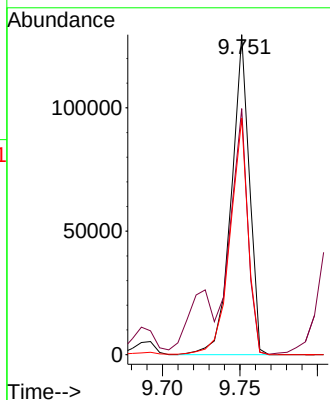
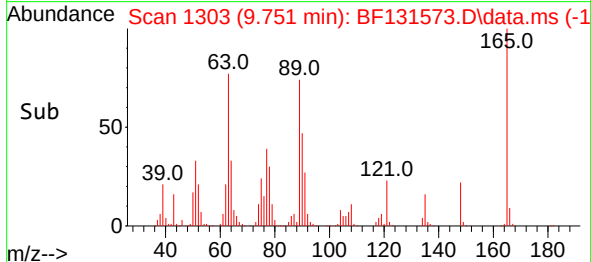
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



Tgt Ion:165 Resp: 105049
Ion Ratio Lower Upper
165 100
63 76.9 67.9 101.9
89 73.9 63.2 94.8

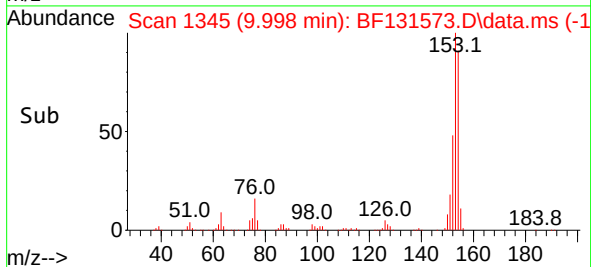
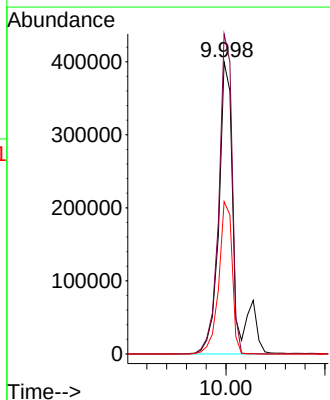
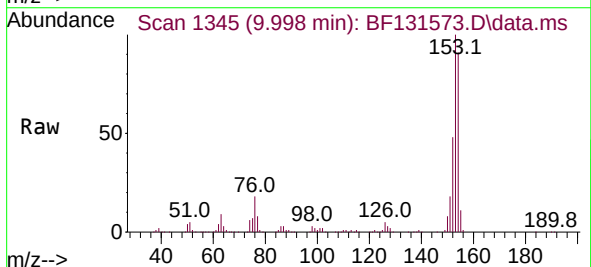
Manual Integrations
APPROVED

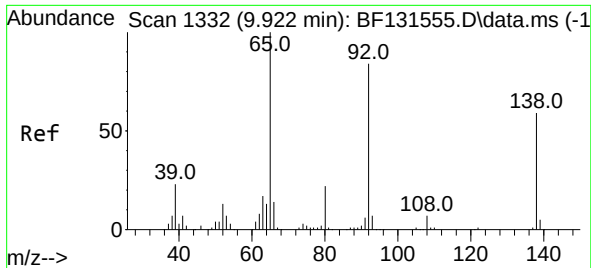
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#52
Acenaphthene
Concen: 51.195 ng m
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Tgt Ion:154 Resp: 428739
Ion Ratio Lower Upper
154 100
153 109.6 87.9 131.9
152 52.2 42.4 63.6





#53
3-Nitroaniline
Concen: 28.425 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

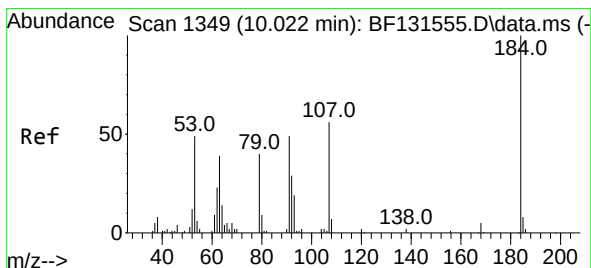
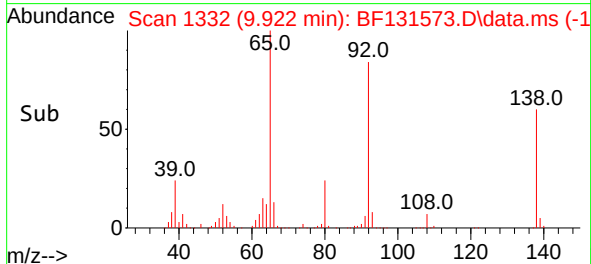
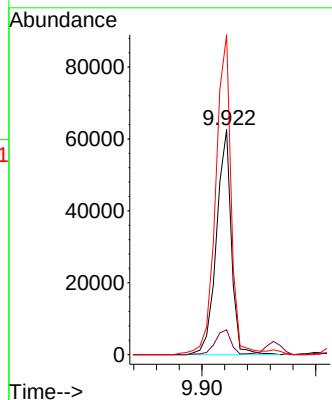
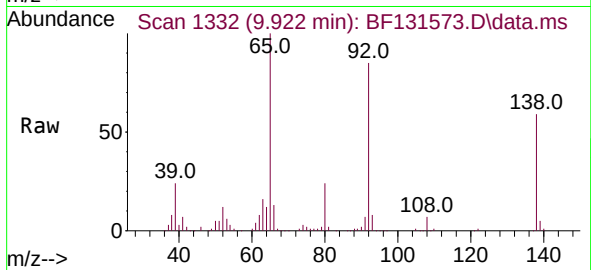
NYE-SOIL-1208MS

Tgt Ion:138 Resp: 56728
Ion Ratio Lower Upper
138 100
108 11.0 9.6 14.4
92 142.2 113.4 170.0

Manual Integrations

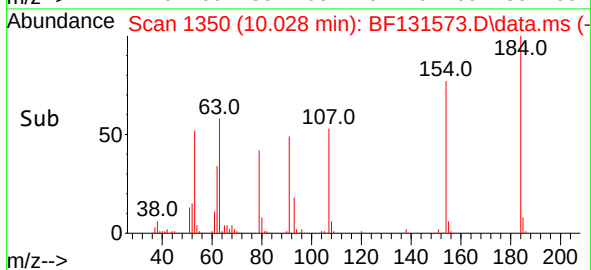
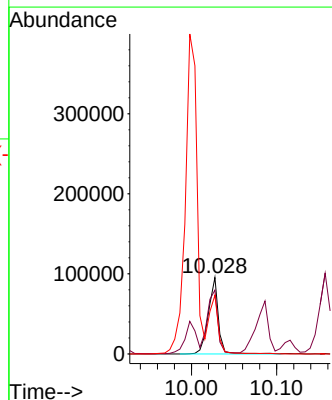
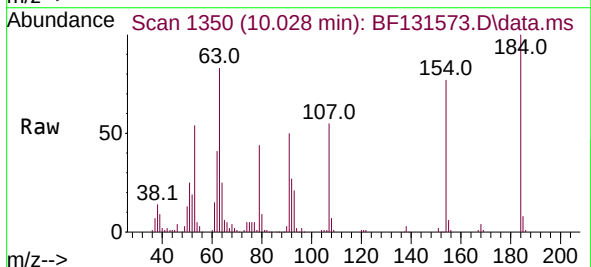
APPROVED

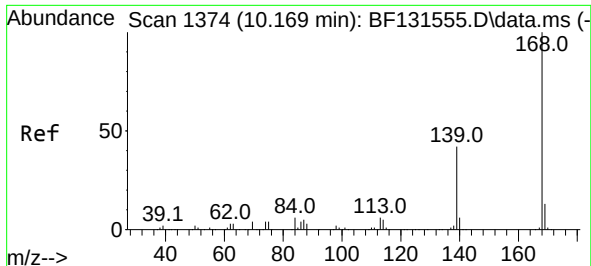
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#54
2,4-Dinitrophenol
Concen: 66.417 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

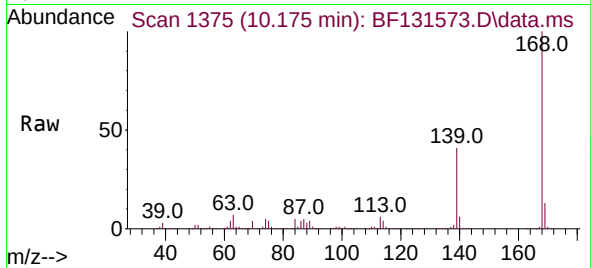
Tgt Ion:184 Resp: 78210
Ion Ratio Lower Upper
184 100
63 83.4 60.7 91.1
154 76.7 59.0 88.6





#55
Dibenzenofuran
Concen: 47.449 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

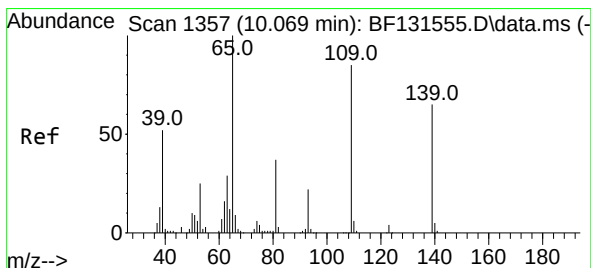
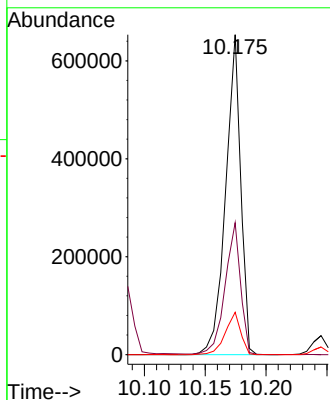
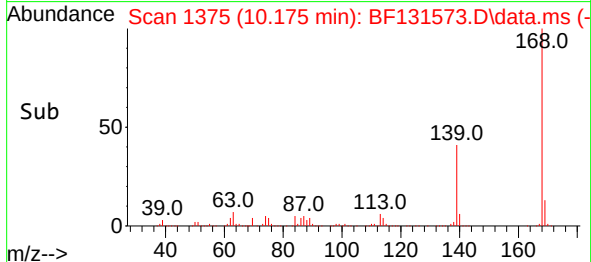
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



Tgt Ion:168 Resp: 561458
Ion Ratio Lower Upper
168 100
139 41.3 33.9 50.9
169 13.2 10.7 16.1

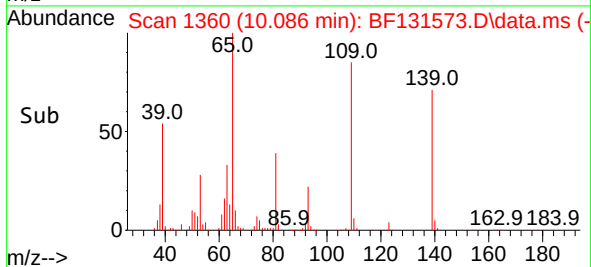
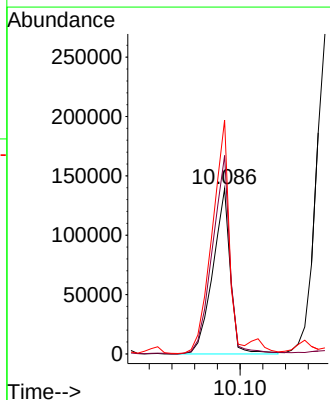
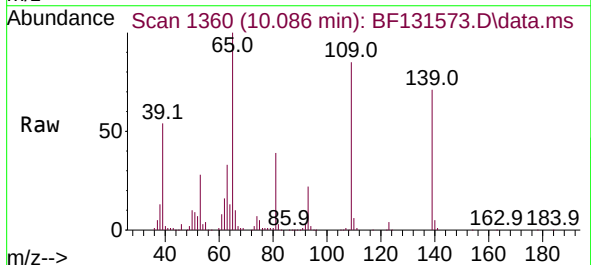
Manual Integrations
APPROVED

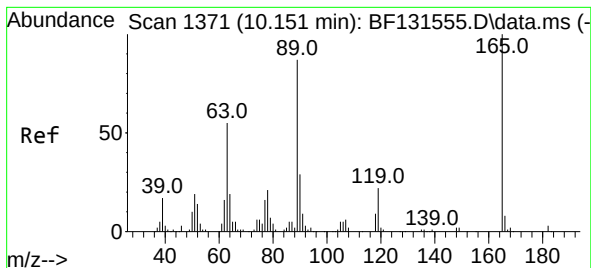
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#56
4-Nitrophenol
Concen: 106.982 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.018 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Tgt Ion:139 Resp: 148318
Ion Ratio Lower Upper
139 100
109 120.0 110.2 150.2
65 141.5 133.3 173.3





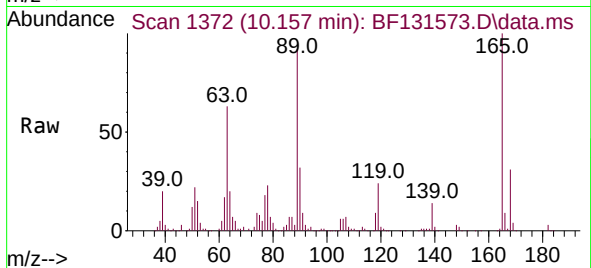
#57
2,4-Dinitrotoluene
Concen: 51.064 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MS

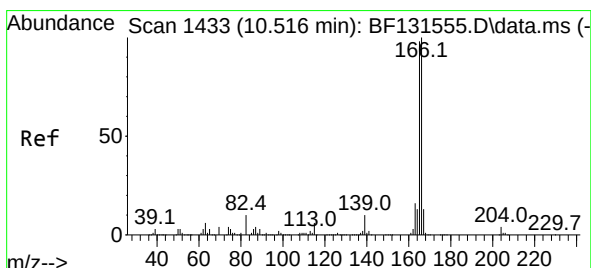
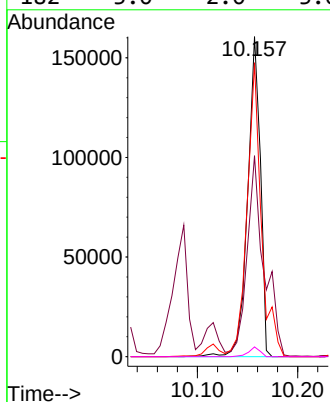
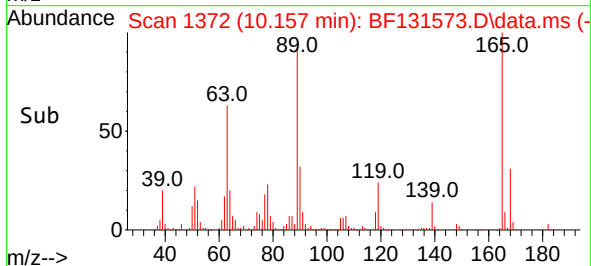


Tgt Ion:165 Resp: 140896
Ion Ratio Lower Upper
165 100
63 62.8 44.4 66.6
89 91.8 69.6 104.4
182 3.0 2.0 3.0#

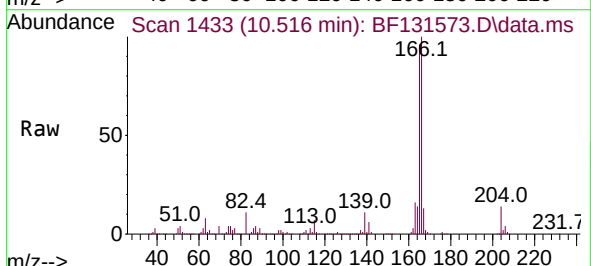
Manual Integrations

APPROVED

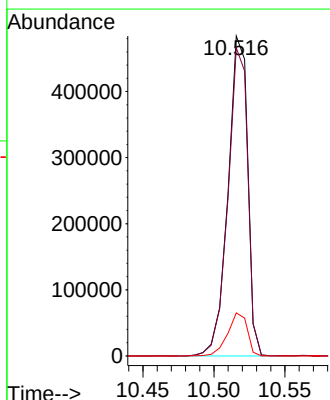
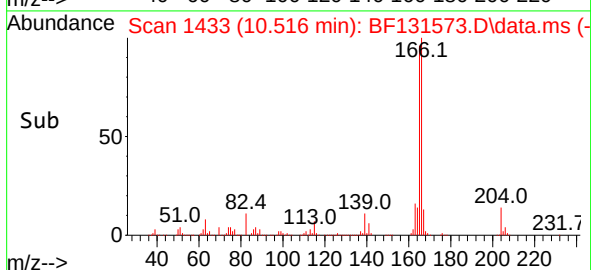
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

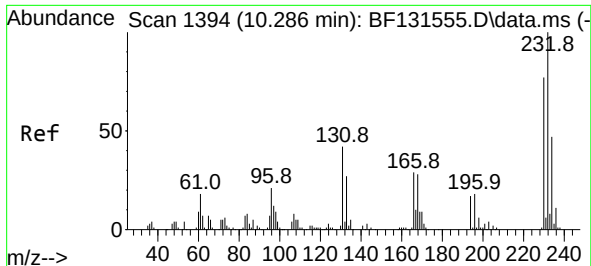


#58
Fluorene
Concen: 48.537 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



Tgt Ion:166 Resp: 466905
Ion Ratio Lower Upper
166 100
165 96.3 78.4 117.6
167 13.4 10.7 16.1





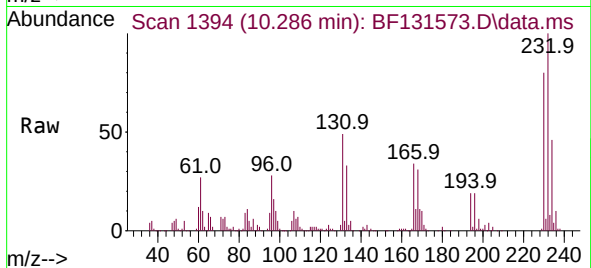
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.392 ng m
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MS

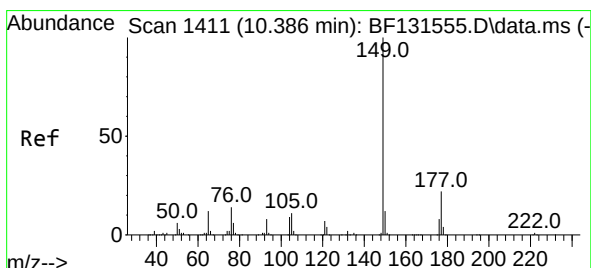
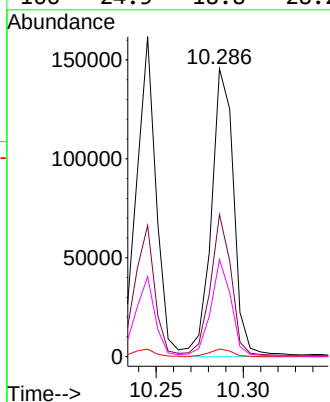
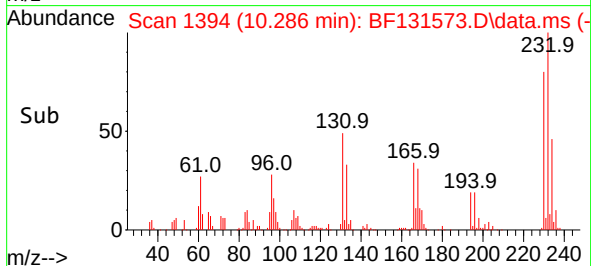


Tgt Ion:232 Resp: 130607
Ion Ratio Lower Upper
232 100
131 41.0 31.0 46.6
130 2.5 1.8 2.8
166 24.5 18.8 28.2

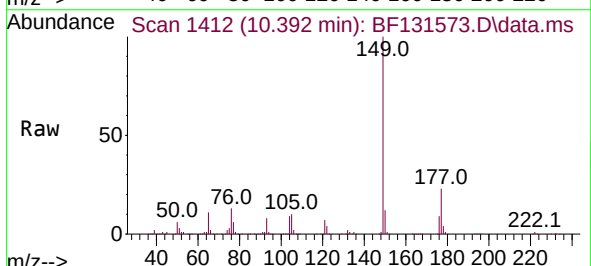
Manual Integrations

APPROVED

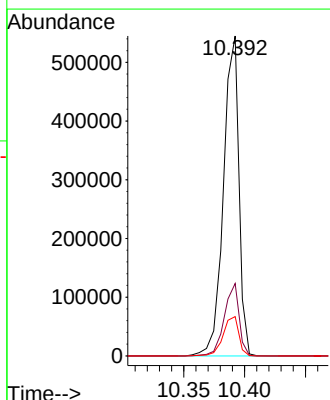
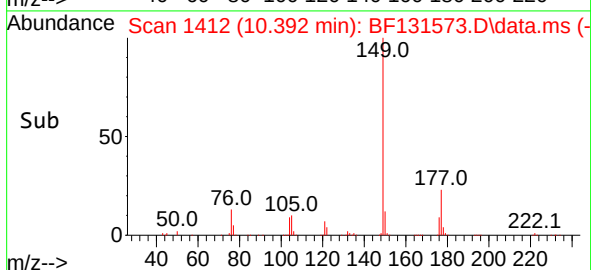
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

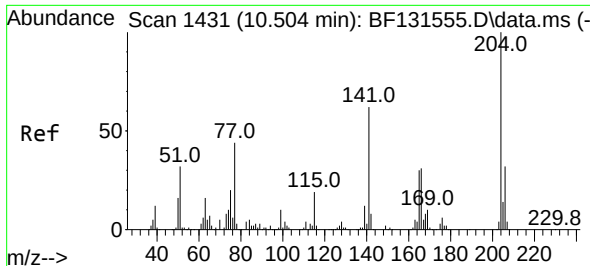


#60
Diethylphthalate
Concen: 49.591 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



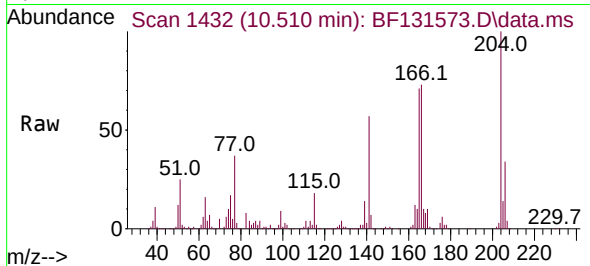
Tgt Ion:149 Resp: 479476
Ion Ratio Lower Upper
149 100
177 22.6 17.4 26.2
150 12.3 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 49.096 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

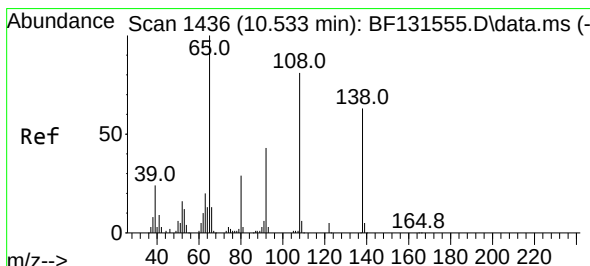
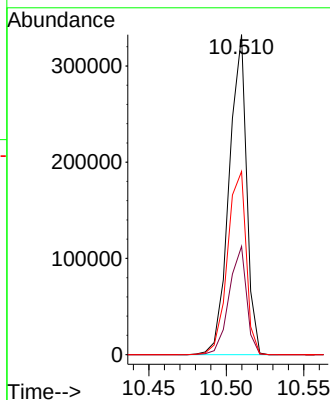
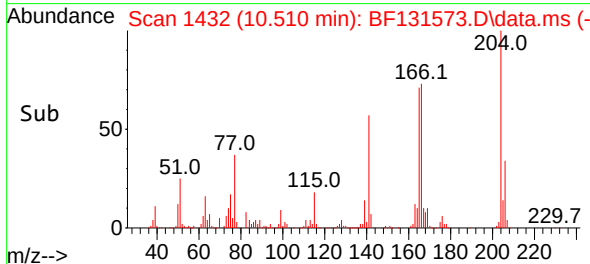
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



Tgt Ion:204 Resp: 260994
Ion Ratio Lower Upper
204 100
206 33.8 25.4 38.2
141 57.2 49.5 74.3

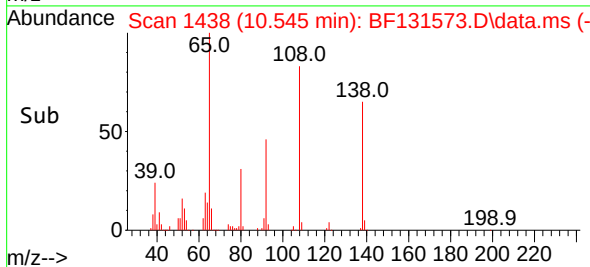
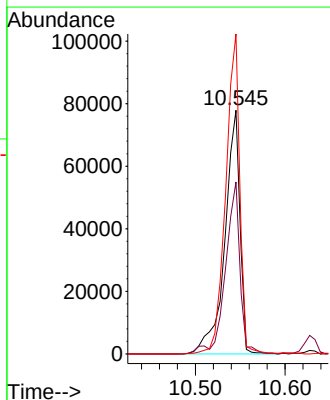
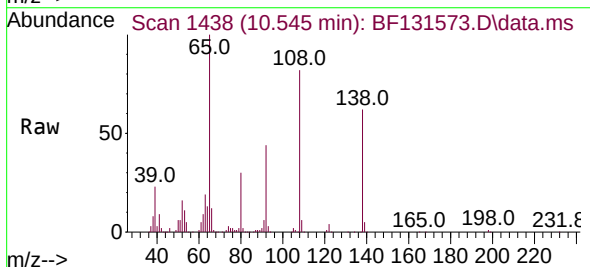
Manual Integrations
APPROVED

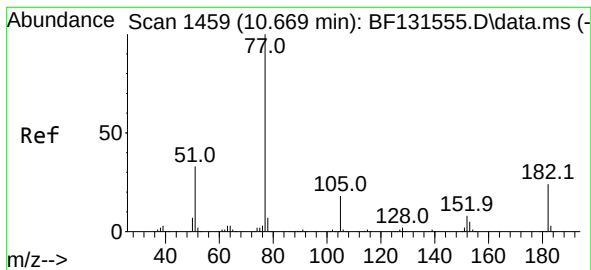
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#62
4-Nitroaniline
Concen: 46.102 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.012 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

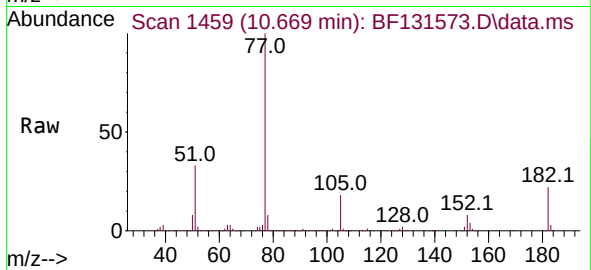
Tgt Ion:138 Resp: 91172
Ion Ratio Lower Upper
138 100
92 70.6 47.5 87.5
108 131.4 108.8 148.8





#63
Azobenzene
Concen: 47.126 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

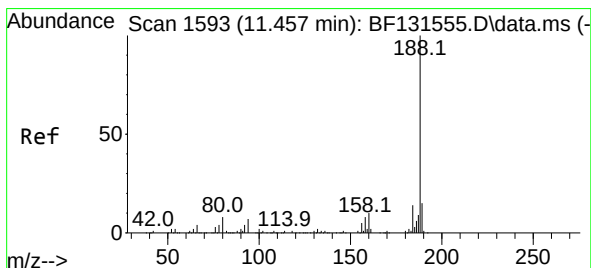
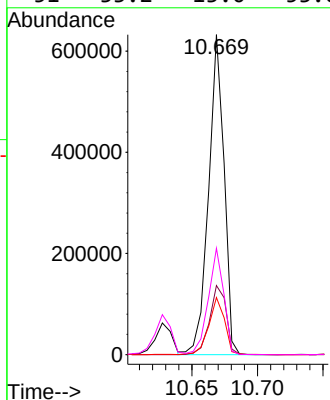
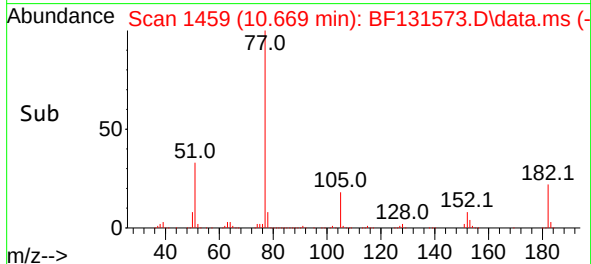
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



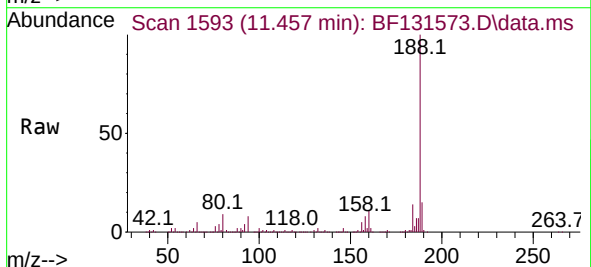
Tgt Ion: 77 Resp: 519690
Ion Ratio Lower Upper
77 100
182 21.6 3.9 43.9
105 17.8 0.0 38.3
51 33.2 13.0 53.0

Manual Integrations
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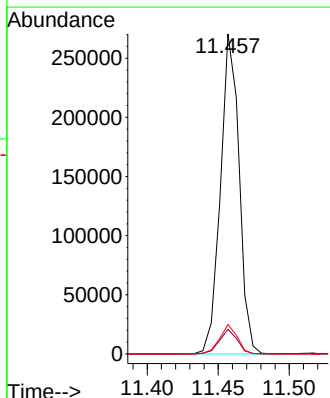
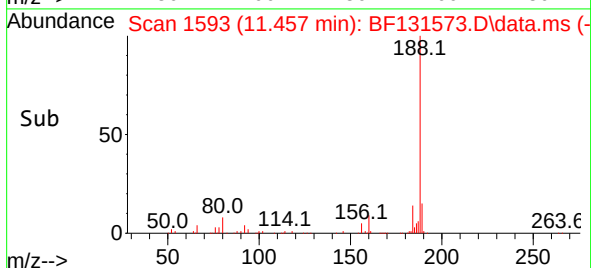
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

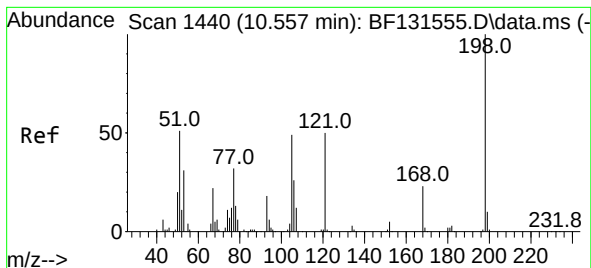


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



Tgt Ion:188 Resp: 247172
Ion Ratio Lower Upper
188 100
94 7.7 5.5 8.3
80 9.2 6.6 10.0





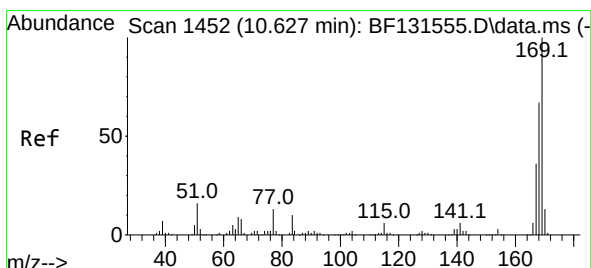
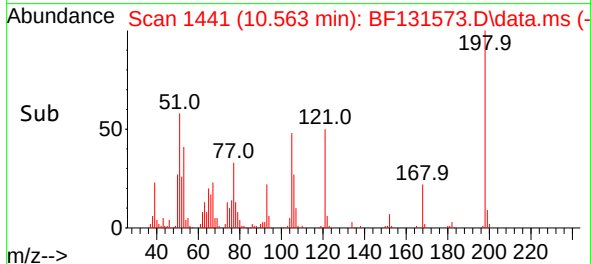
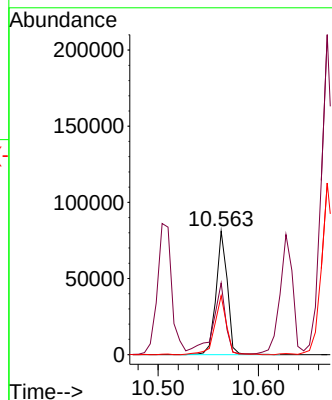
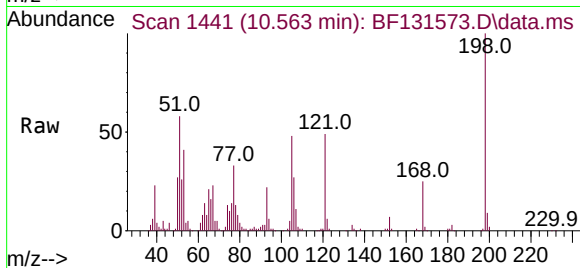
#65
4,6-Dinitro-2-methylphenol
Concen: 40.548 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS

Tgt Ion:198 Resp: 63478
Ion Ratio Lower Upper
198 100
51 58.0 36.7 76.7
105 47.8 29.9 69.9

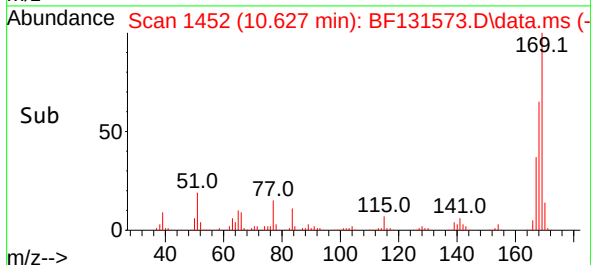
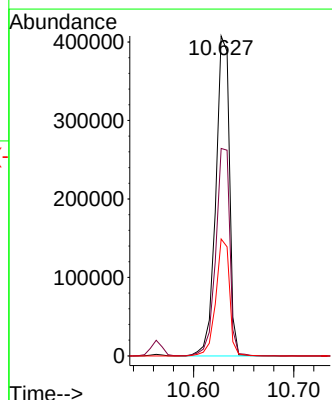
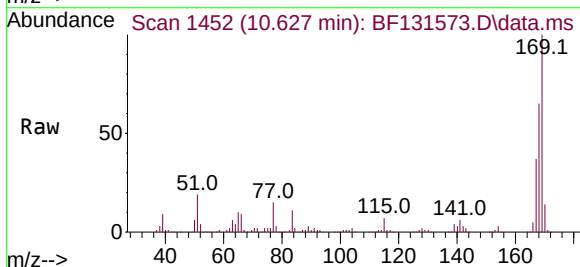
Manual Integrations
APPROVED

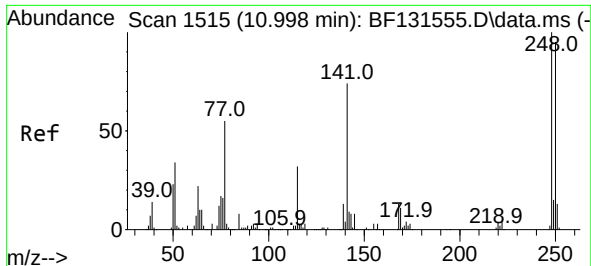
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#66
n-Nitrosodiphenylamine
Concen: 48.394 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Tgt Ion:169 Resp: 386708
Ion Ratio Lower Upper
169 100
168 64.8 53.8 80.6
167 36.5 29.1 43.7





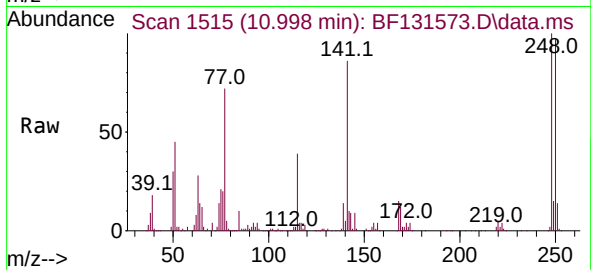
#67
4-Bromophenyl-phenylether
Concen: 48.340 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MS

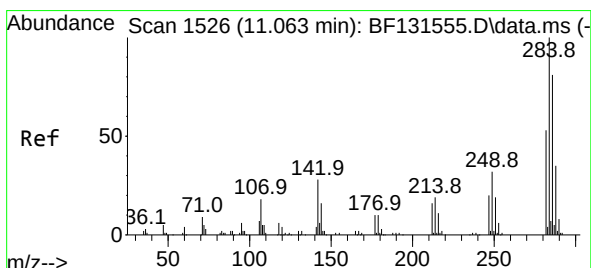
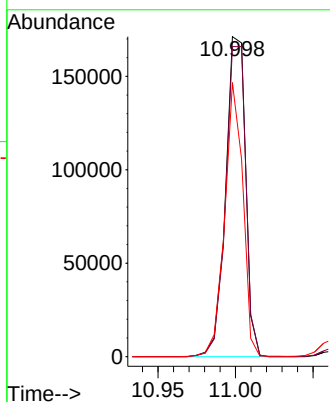
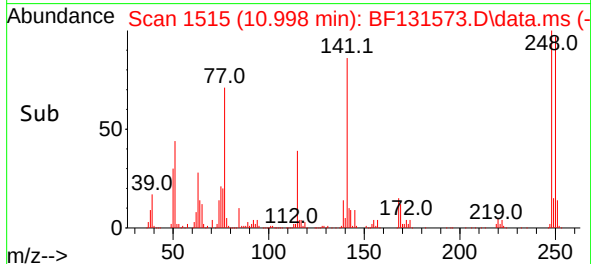


Tgt Ion:248 Resp: 153705
Ion Ratio Lower Upper
248 100
250 96.9 76.2 114.2
141 85.7 59.5 89.3

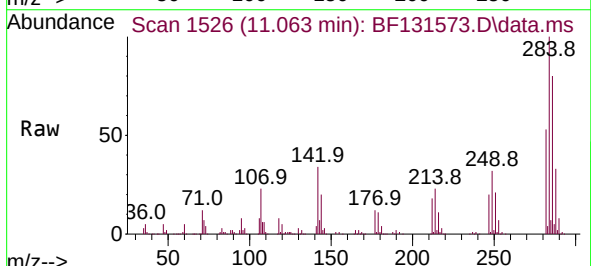
Manual Integrations

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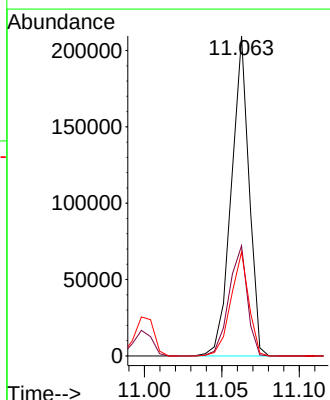
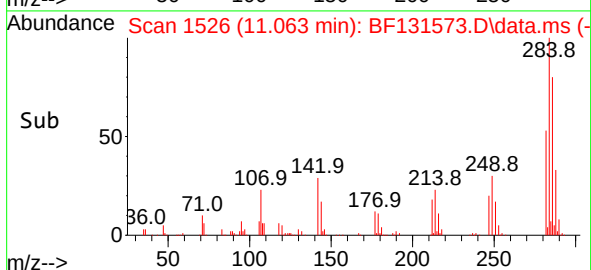
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

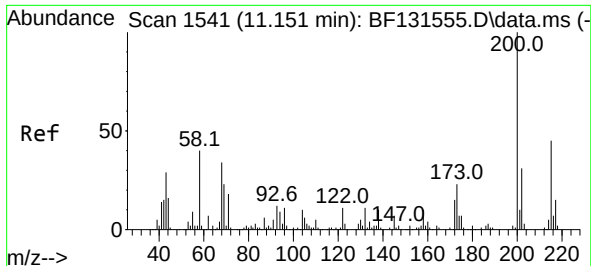


#68
Hexachlorobenzene
Concen: 48.454 ng
RT: 11.063 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



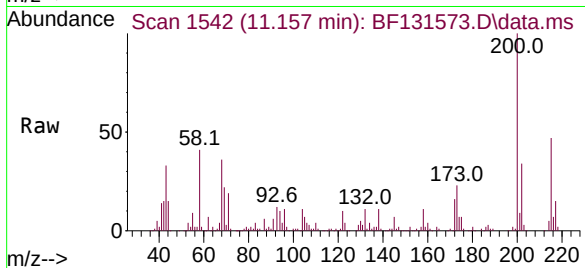
Tgt Ion:284 Resp: 166651
Ion Ratio Lower Upper
284 100
142 34.4 22.3 33.5#
249 32.5 25.4 38.2





#69
 Atrazine
 Concen: 58.131 ng
 RT: 11.157 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: BF131573.D
 Acq: 09 Dec 2022 18:41

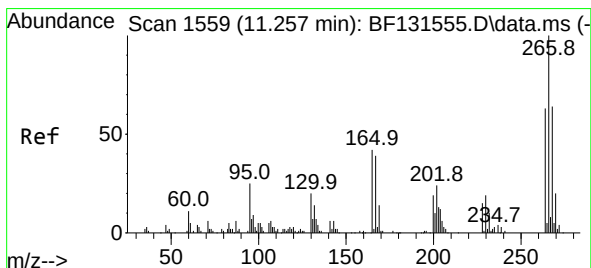
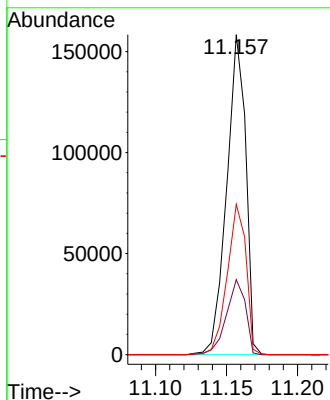
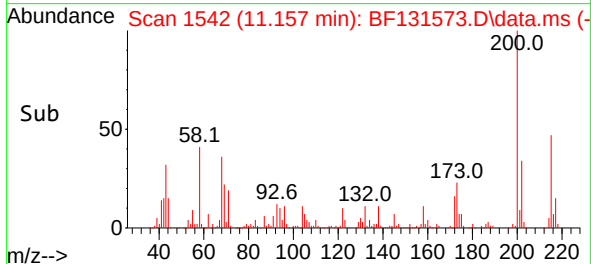
Instrument :
 BNA_F
 ClientSampleId :
 NYE-SOIL-1208MS



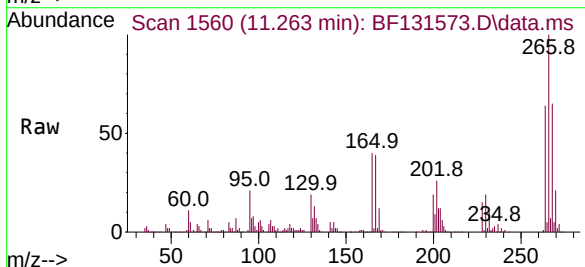
Tgt Ion:200 Resp: 147510
 Ion Ratio Lower Upper
 200 100
 173 23.4 3.4 43.4
 215 47.0 25.0 65.0

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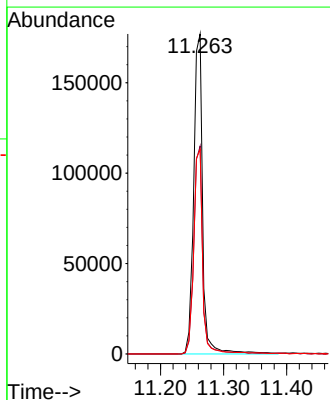
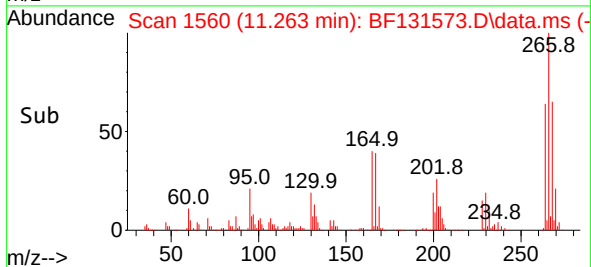
Reviewed By :Christian Giraldo 12/10/2022
 Supervised By :Jagrut Upadhyay 12/12/2022

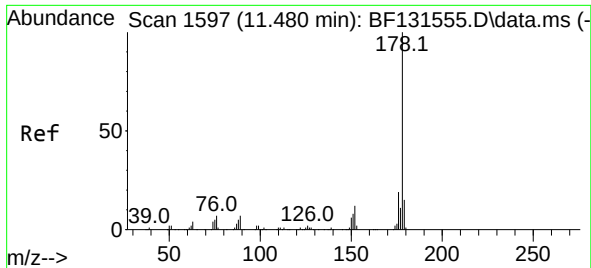


#70
 Pentachlorophenol
 Concen: 98.887 ng
 RT: 11.263 min Scan# 1560
 Delta R.T. 0.006 min
 Lab File: BF131573.D
 Acq: 09 Dec 2022 18:41



Tgt Ion:266 Resp: 175091
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.5 77.3
 264 63.9 50.7 76.1





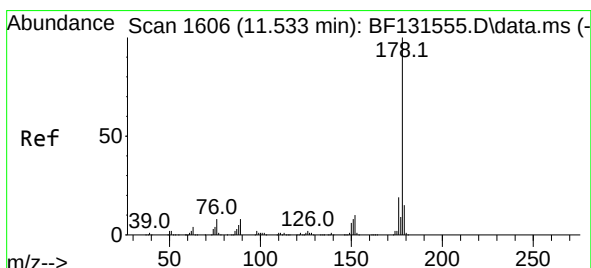
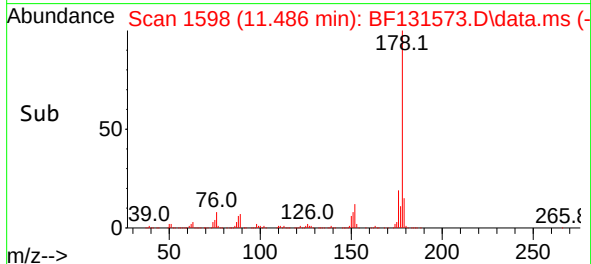
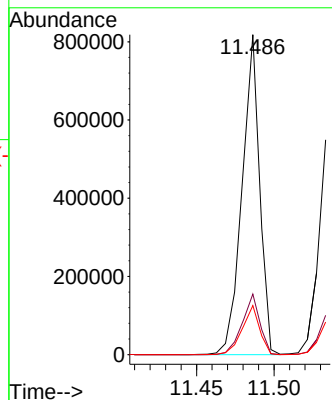
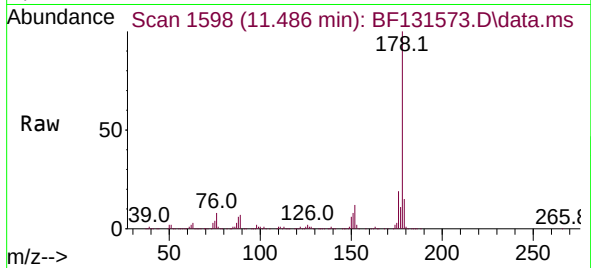
#71
Phenanthrene
Concen: 47.104 ng
RT: 11.486 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS

Tgt Ion:178 Resp: 648953
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.3 12.2 18.4

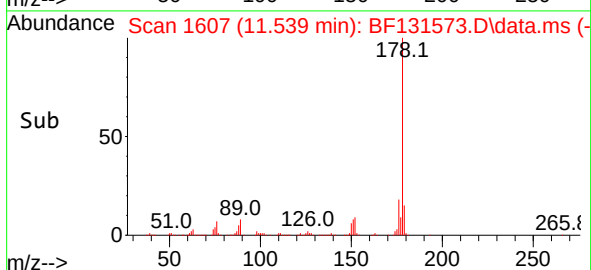
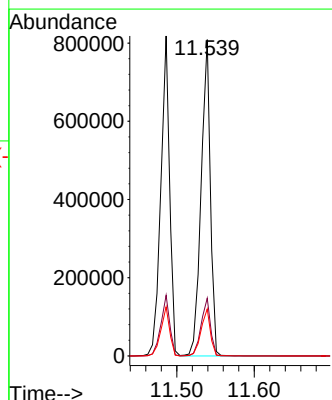
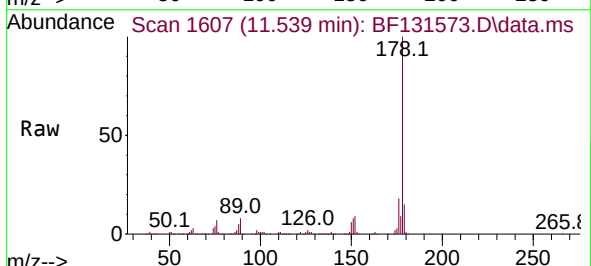
Manual Integrations
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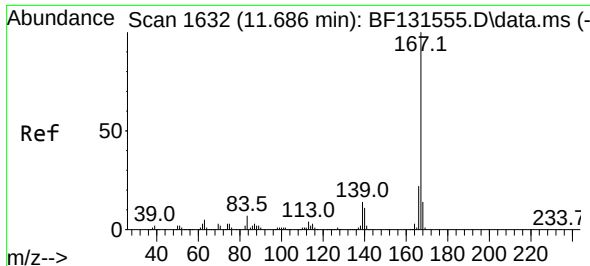
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#72
Anthracene
Concen: 49.992 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

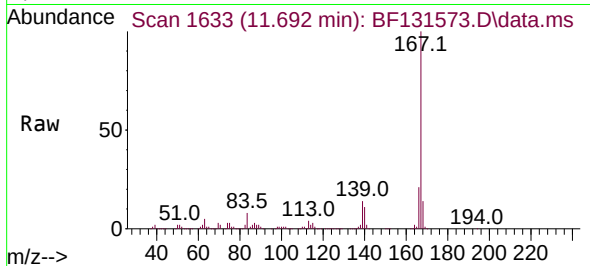
Tgt Ion:178 Resp: 670079
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 14.9 12.3 18.5





#73
Carbazole
Concen: 50.194 ng
RT: 11.692 min Scan# 1633
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

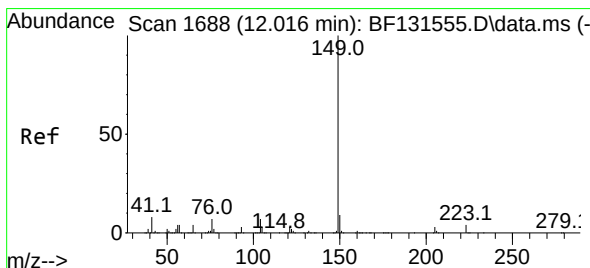
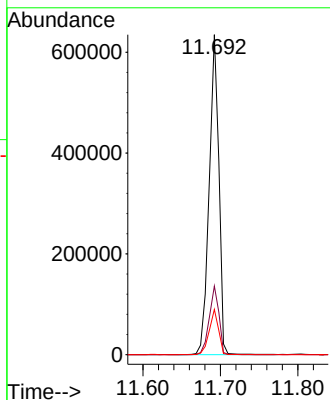
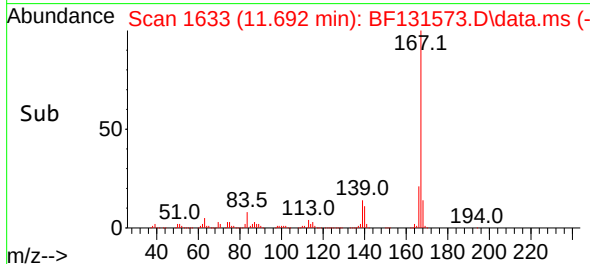
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



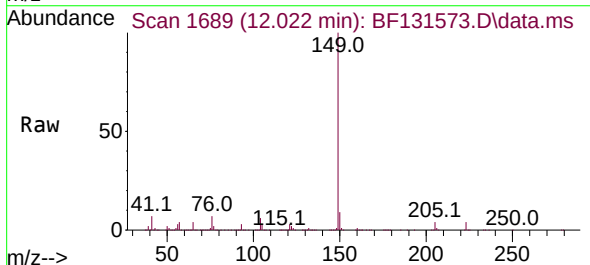
Tgt Ion:167 Resp: 549166
Ion Ratio Lower Upper
167 100
166 21.4 17.4 26.0
139 14.1 11.0 16.4

Manual Integrations
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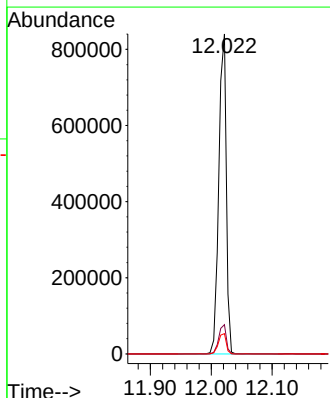
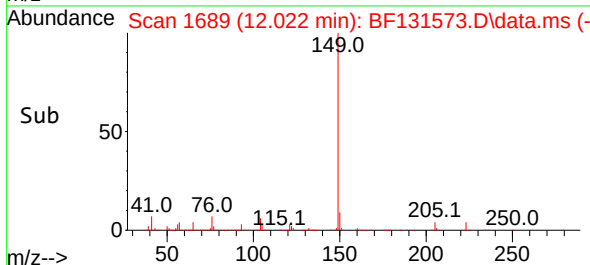
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

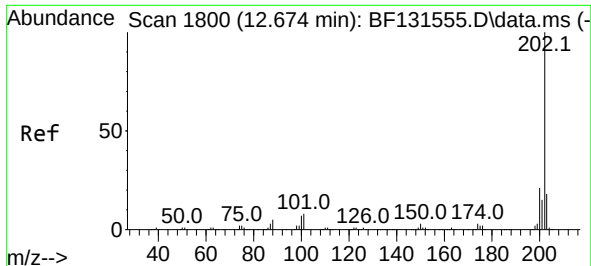


#74
Di-n-butylphthalate
Concen: 53.433 ng
RT: 12.022 min Scan# 1689
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



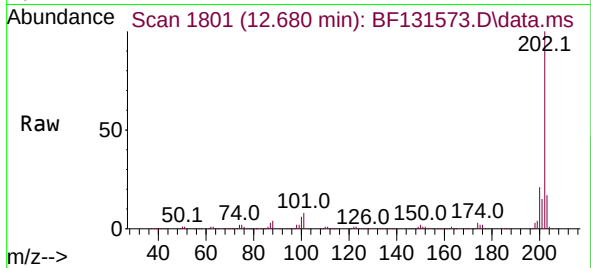
Tgt Ion:149 Resp: 717205
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 6.3 5.2 7.8





#75
Fluoranthene
Concen: 49.032 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

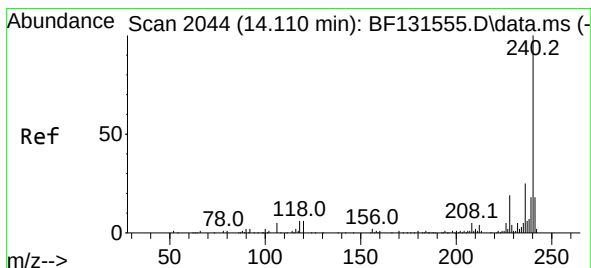
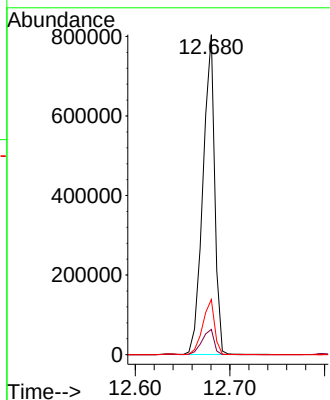
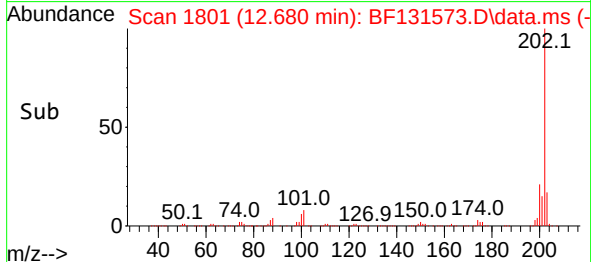
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



Tgt Ion:202 Resp: 695599
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.7
203 17.2 0.0 37.7

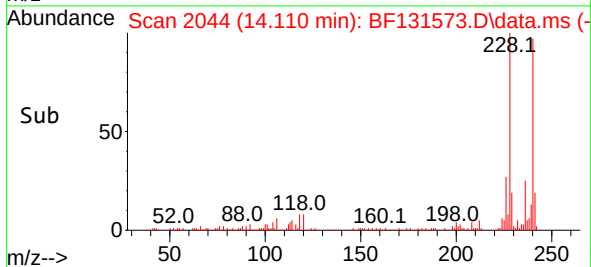
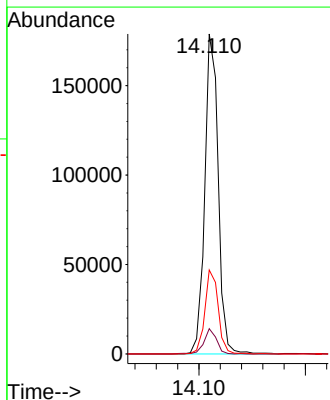
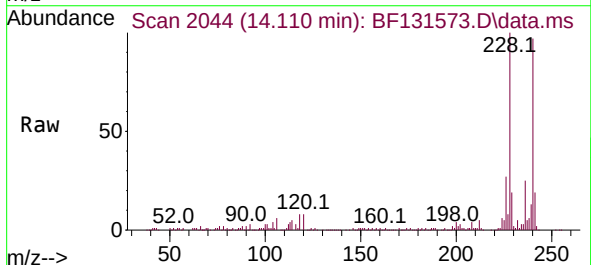
Manual Integrations
APPROVED

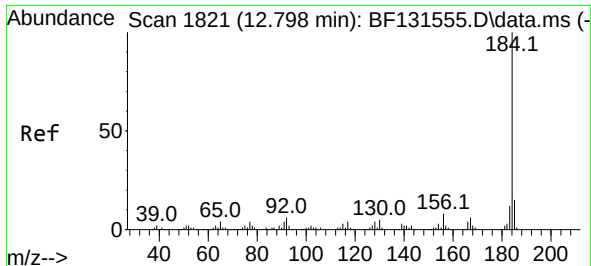
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

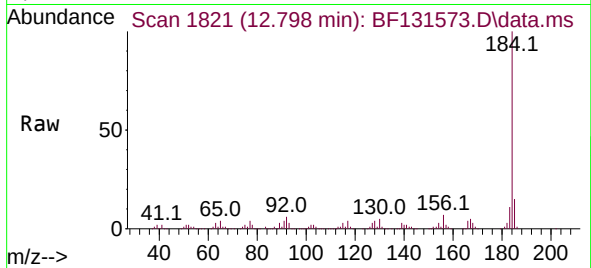
Tgt Ion:240 Resp: 155992
Ion Ratio Lower Upper
240 100
120 7.9 4.6 7.0#
236 26.2 20.2 30.2





#77
Benzidine
Concen: 56.611 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

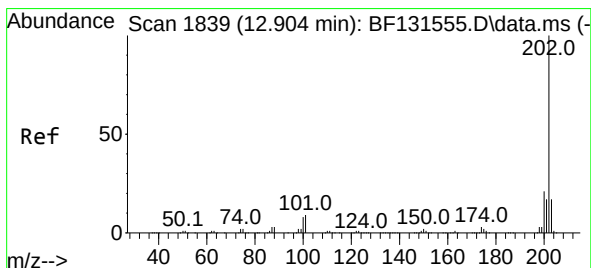
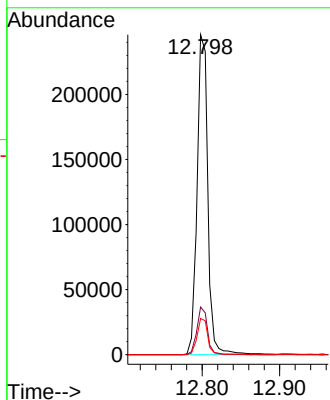
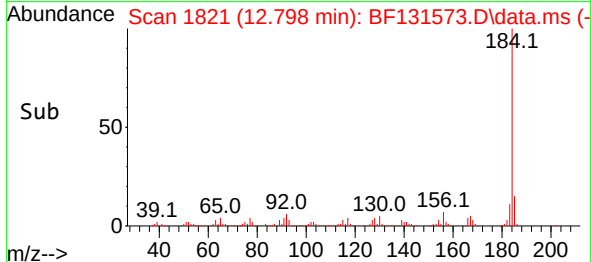
Instrument :
BNA_F
ClientSampleId :
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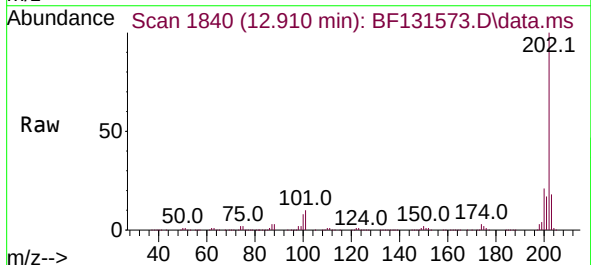
Tgt Ion:184 Resp: 236611
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 11.3 9.3 13.9

Manual Integrations
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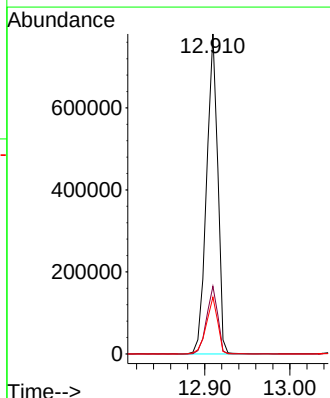
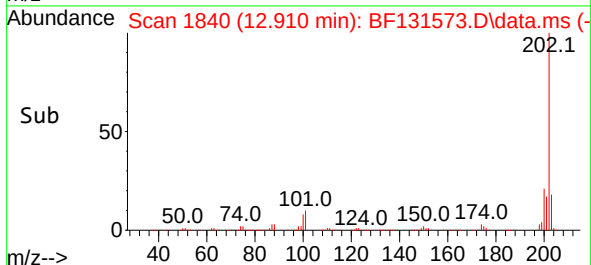
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

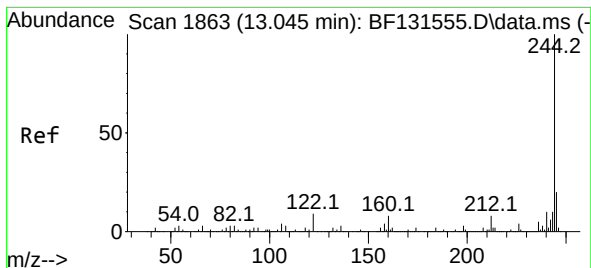


#78
Pyrene
Concen: 46.174 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



Tgt Ion:202 Resp: 710237
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.7 13.8 20.6





#79

Terphenyl-d14

Concen: 65.957 ng

RT: 13.051 min Scan# 1864

Delta R.T. 0.006 min

Lab File: BF131573.D

Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MS

Tgt Ion:244 Resp: 750236

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

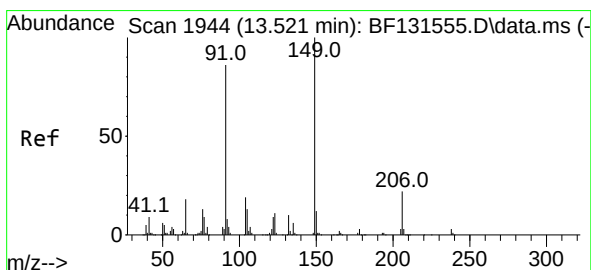
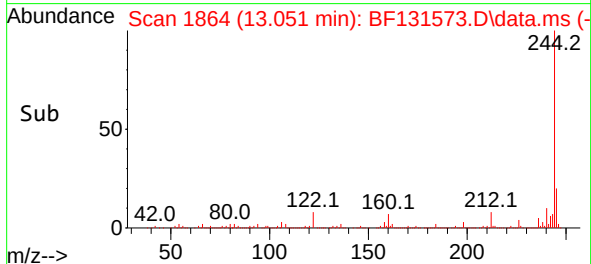
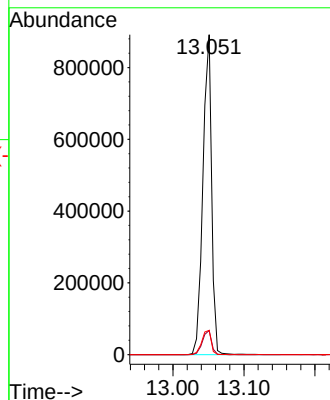
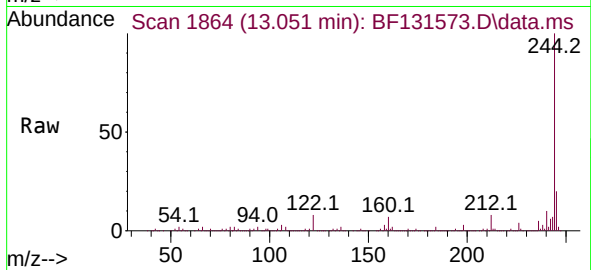
122 7.6 7.1 10.7

Manual Integrations

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Reviewed By :Christian Giraldo 12/10/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#80

Butylbenzylphthalate

Concen: 59.310 ng

RT: 13.527 min Scan# 1945

Delta R.T. 0.006 min

Lab File: BF131573.D

Acq: 09 Dec 2022 18:41

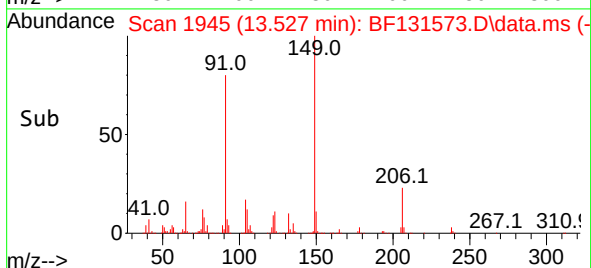
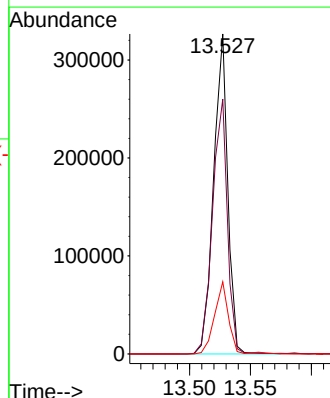
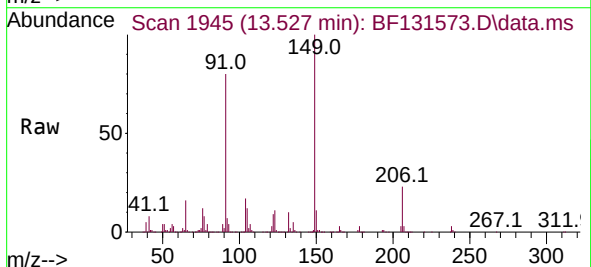
Tgt Ion:149 Resp: 264009

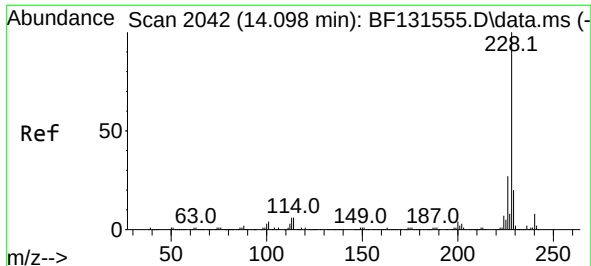
Ion Ratio Lower Upper

149 100

91 79.6 69.0 103.4

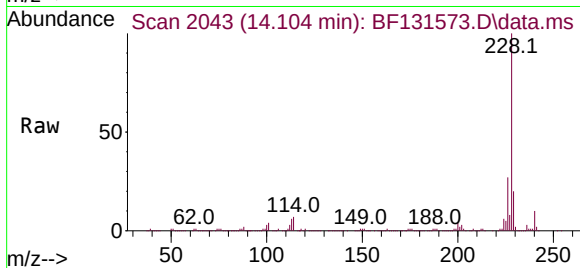
206 22.5 17.8 26.8





#81
Benzo(a)anthracene
Concen: 49.606 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

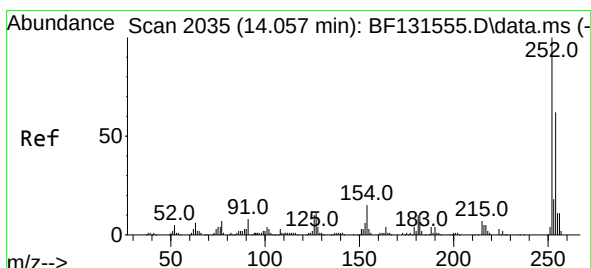
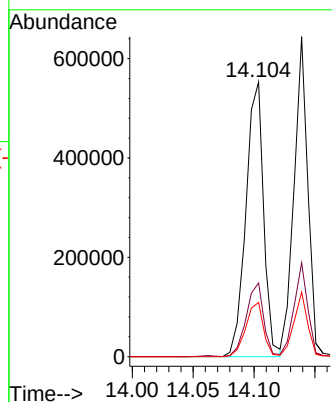
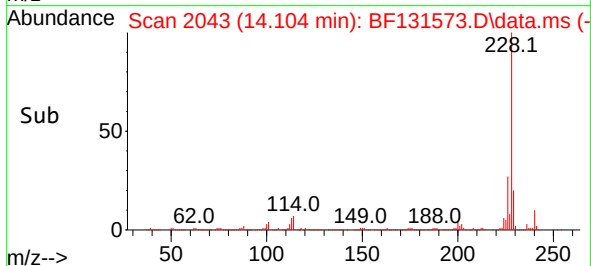
Instrument :
BNA_F
ClientSampleId :
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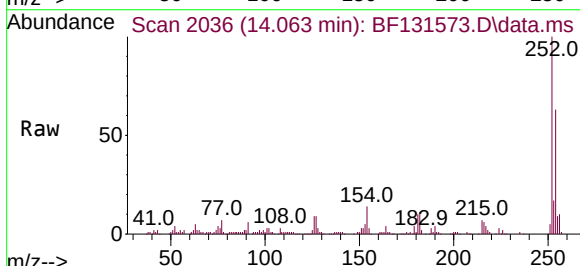
Tgt Ion:228 Resp: 558823
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 19.7 15.8 23.6

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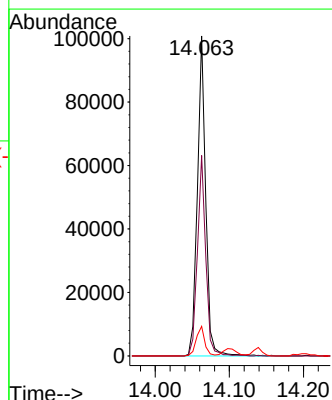
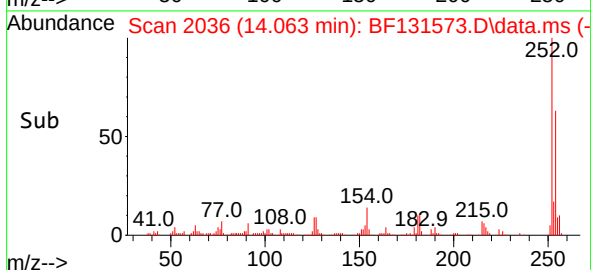
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

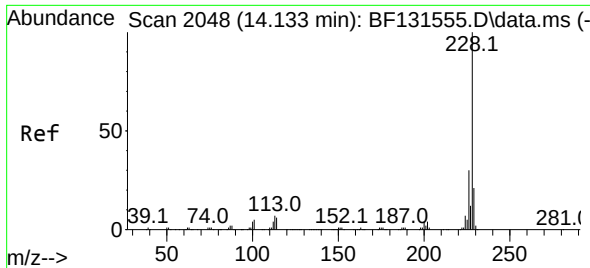


#82
3,3'-Dichlorobenzidine
Concen: 24.628 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



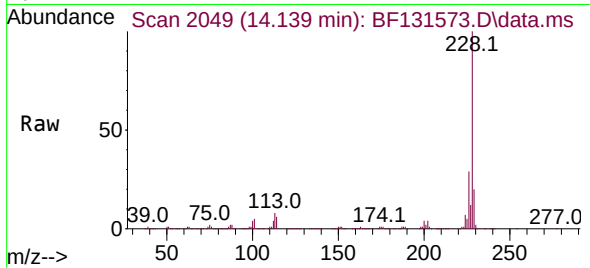
Tgt Ion:252 Resp: 78934
Ion Ratio Lower Upper
252 100
254 62.6 49.6 74.4
126 9.2 7.9 11.9





#83
Chrysene
Concen: 48.144 ng
RT: 14.139 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

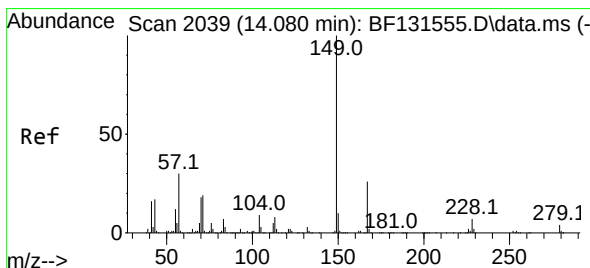
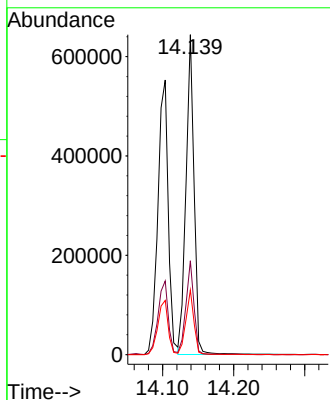
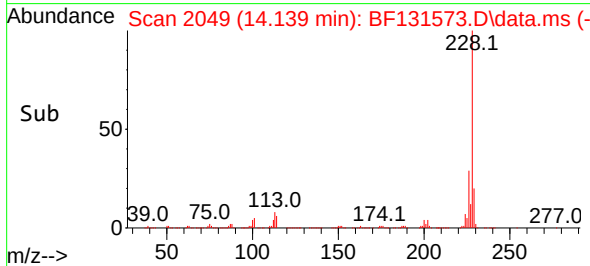
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



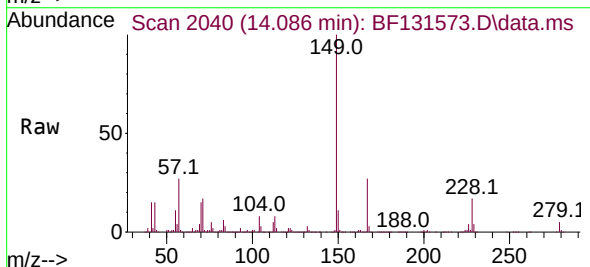
Tgt Ion:228 Resp: 515608
Ion Ratio Lower Upper
228 100
226 29.3 23.9 35.9
229 20.2 16.7 25.1

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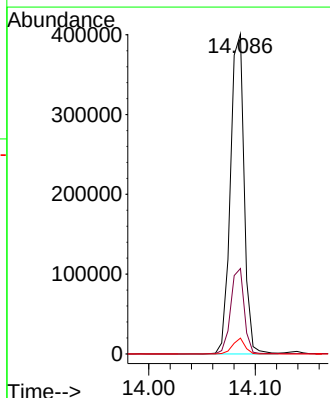
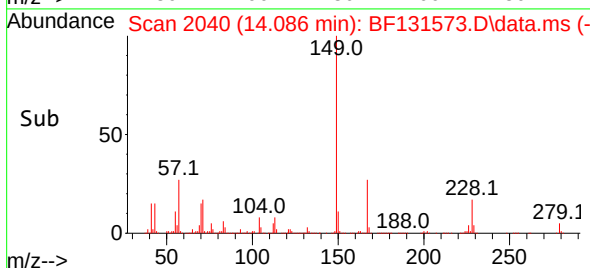
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

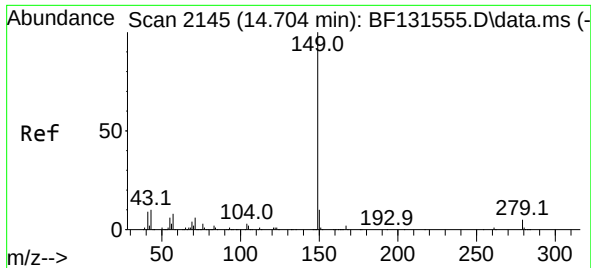


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.617 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



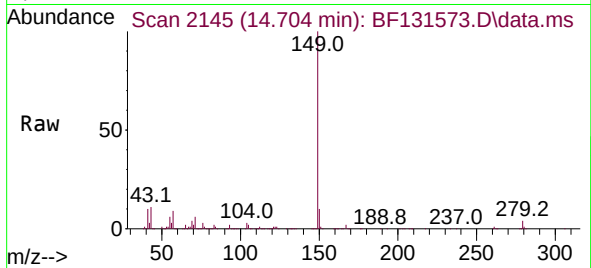
Tgt Ion:149 Resp: 359808
Ion Ratio Lower Upper
149 100
167 26.7 20.8 31.2
279 4.9 3.3 4.9#





#85
Di-n-octyl phthalate
Concen: 51.294 ng
RT: 14.704 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

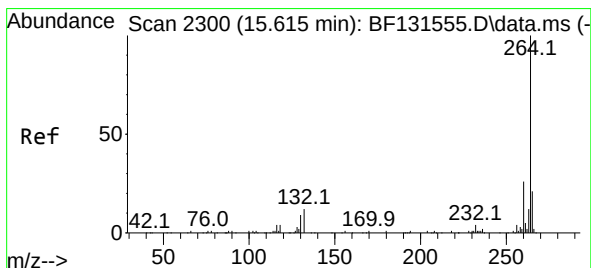
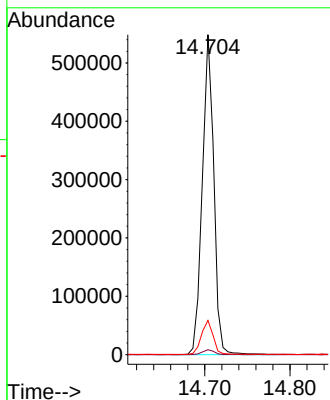
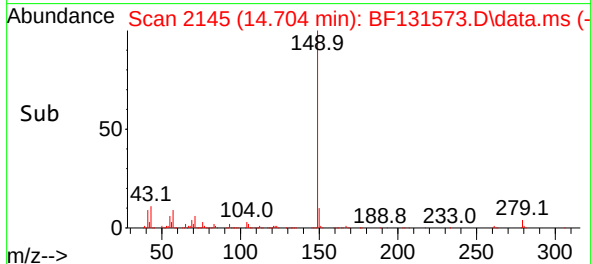
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



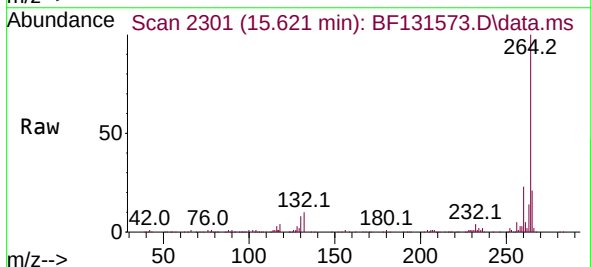
Tgt Ion:149 Resp: 513682
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.8 8.6 13.0

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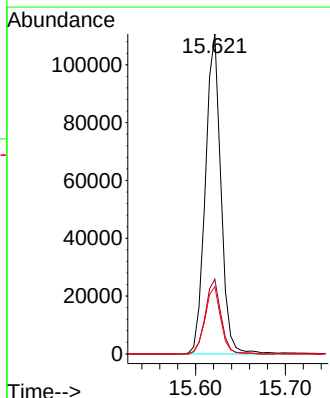
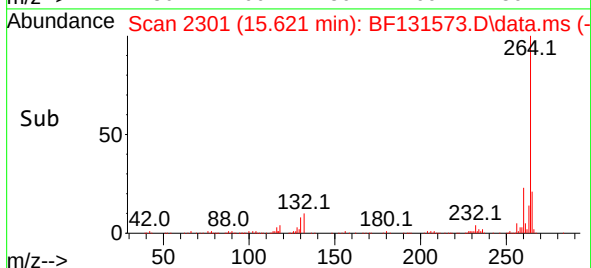
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

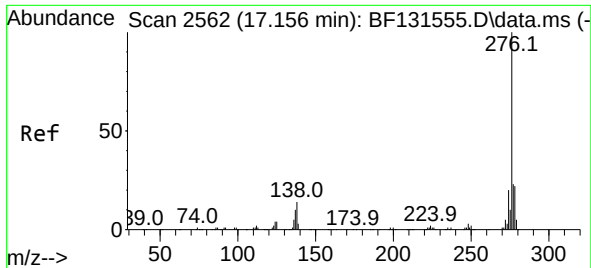


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



Tgt Ion:264 Resp: 132779
Ion Ratio Lower Upper
264 100
260 23.3 20.6 30.8
265 21.0 16.8 25.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.017 ng
 RT: 17.162 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131573.D
 Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

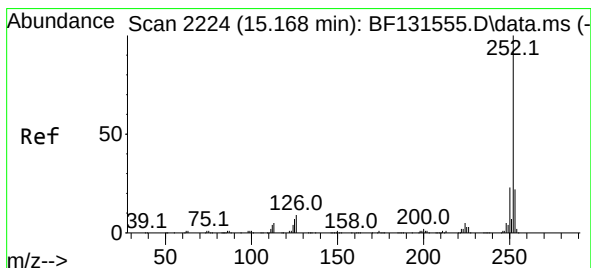
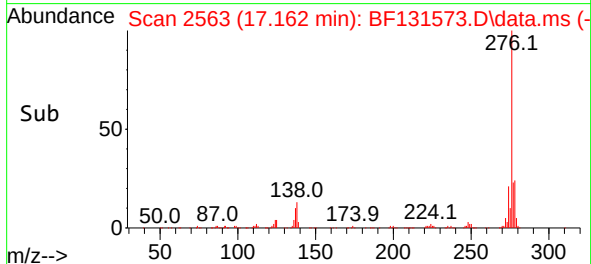
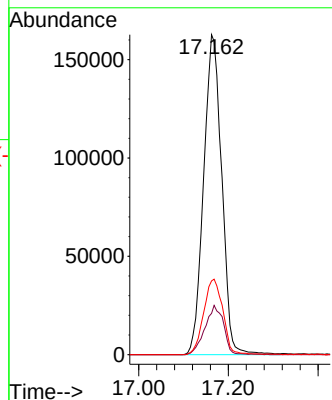
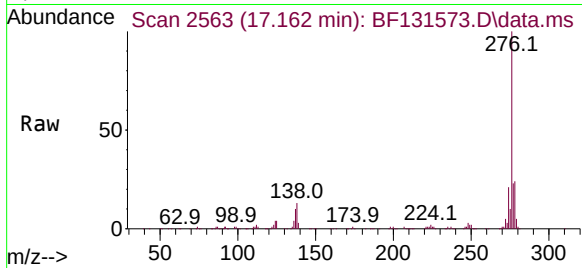
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Tgt Ion:276 Resp: 455307
 Ion Ratio Lower Upper
 276 100
 138 15.7 12.7 19.1
 277 25.0 20.0 30.0

Manual Integrations

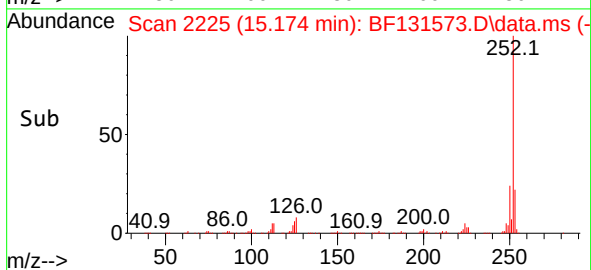
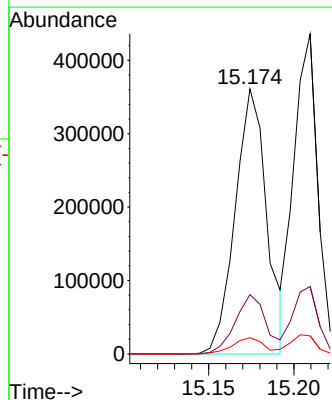
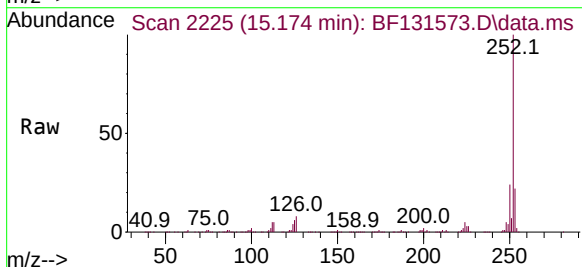
APPROVED

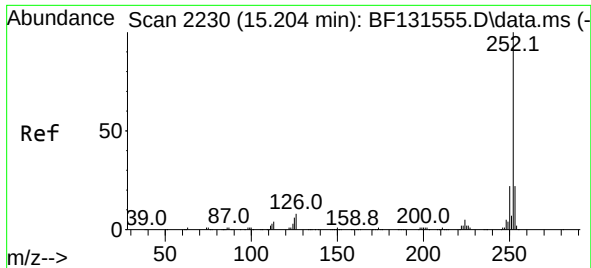
Reviewed By :Christian Giraldo 12/10/2022
 Supervised By :Jagrut Upadhyay 12/12/2022



#88
 Benzo(b)fluoranthene
 Concen: 53.253 ng
 RT: 15.174 min Scan# 2225
 Delta R.T. 0.006 min
 Lab File: BF131573.D
 Acq: 09 Dec 2022 18:41

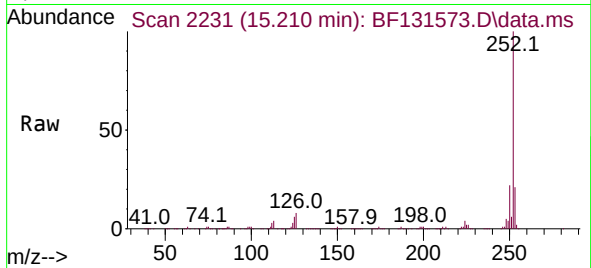
Tgt Ion:252 Resp: 466027
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.7 26.5
 125 6.1 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 46.986 ng
RT: 15.210 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

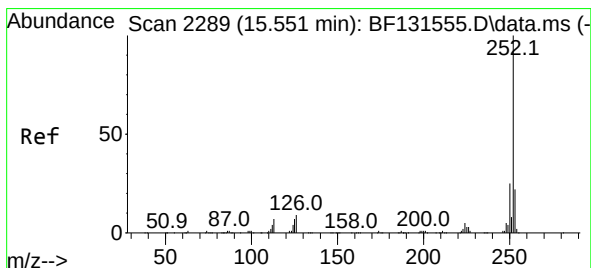
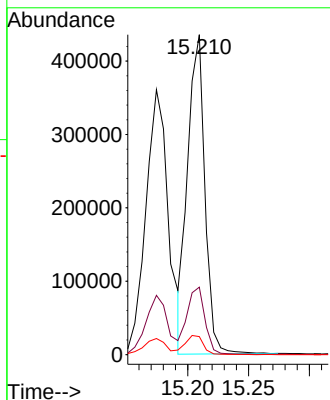
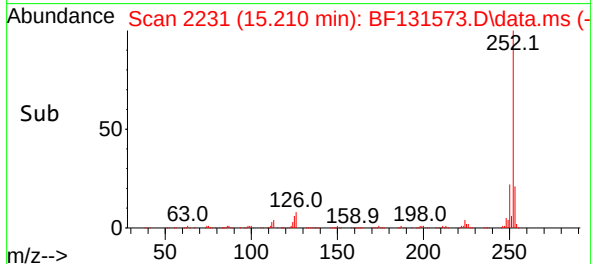
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MS



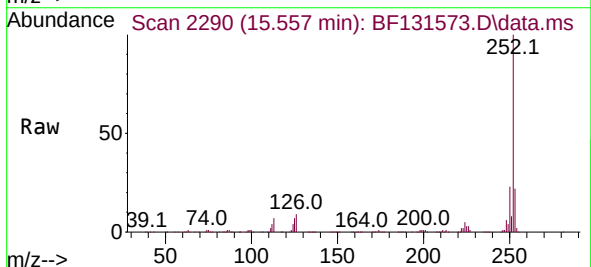
Tgt Ion:252 Resp: 42917
Ion Ratio Lower Upper
252 100
253 21.1 17.7 26.5
125 5.6 4.9 7.3

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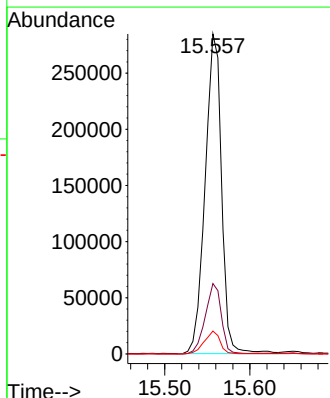
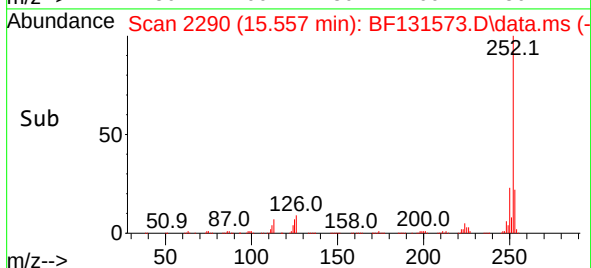
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

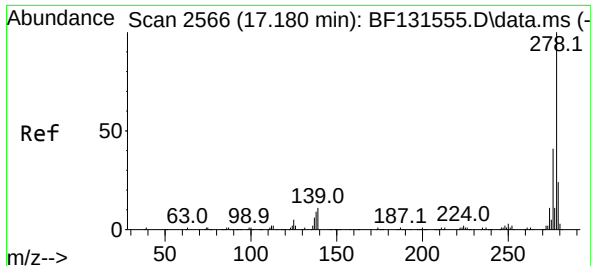


#90
Benzo(a)pyrene
Concen: 51.043 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



Tgt Ion:252 Resp: 381206
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 7.1 5.6 8.4





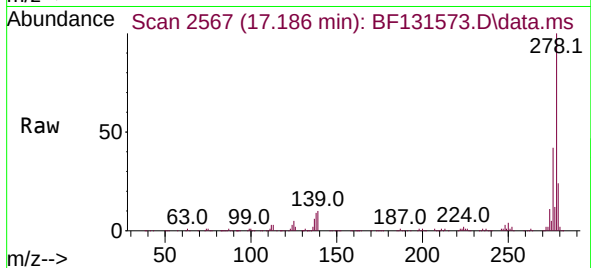
#91
Dibenzo(a,h)anthracene
Concen: 43.279 ng
RT: 17.186 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MS

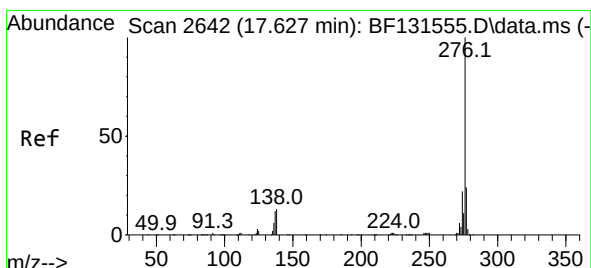
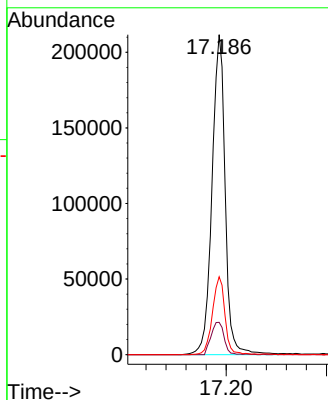
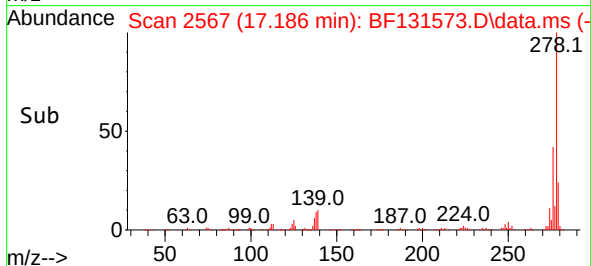


Tgt Ion:278 Resp: 385979
Ion Ratio Lower Upper
278 100
139 10.1 8.9 13.3
279 24.3 19.0 28.6

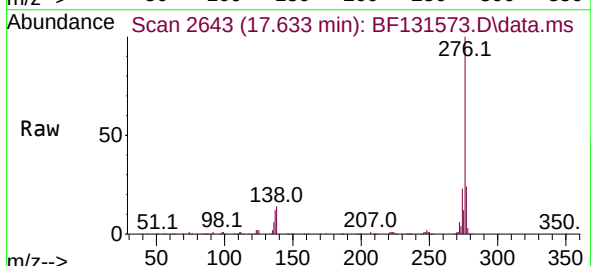
Manual Integrations

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Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#92
Benzo(g,h,i)perylene
Concen: 42.143 ng
RT: 17.633 min Scan# 2643
Delta R.T. 0.006 min
Lab File: BF131573.D
Acq: 09 Dec 2022 18:41



Tgt Ion:276 Resp: 377740
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 14.5 10.7 16.1

