

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131574.D
 Acq On : 09 Dec 2022 19:13
 Operator : CG\JU
 Sample : N5947-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYE-SOIL-1208MSD

Quant Time: Dec 10 04:03:18 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	63025	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	227979	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	135021	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	256721	20.000	ng	0.00
76) Chrysene-d12	14.110	240	162633	20.000	ng	# 0.00
86) Perylene-d12	15.621	264	134434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	421042	111.451	ng	0.02
7) Phenol-d6	6.540	99	541553	109.392	ng	0.00
23) Nitrobenzene-d5	7.481	82	386700	64.128	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	181134	120.746	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	687863	64.235	ng	0.00
79) Terphenyl-d14	13.051	244	776781	65.502	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	72377	42.444	ng	98
3) Pyridine	3.528	79	202154	42.700	ng	99
4) n-Nitrosodimethylamine	3.504	42	124044	47.508	ng	# 97
6) Aniline	6.575	93	239485	40.449	ng	100
8) 2-Chlorophenol	6.692	128	197167	49.248	ng	98
9) Benzaldehyde	6.457	77	109132	32.179	ng	91
10) Phenol	6.551	94	271335m	49.137	ng	
11) bis(2-Chloroethyl)ether	6.645	93	204359	49.370	ng	99
12) 1,3-Dichlorobenzene	6.851	146	219429	47.274	ng	97
13) 1,4-Dichlorobenzene	6.928	146	224507	47.952	ng	99
14) 1,2-Dichlorobenzene	7.081	146	216460	48.398	ng	98
15) Benzyl Alcohol	7.057	79	223871	49.326	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.187	45	259837	48.595	ng	99
17) 2-Methylphenol	7.163	107	178202	49.389	ng	98
18) Hexachloroethane	7.422	117	93055	49.270	ng	92
19) n-Nitroso-di-n-propyla...	7.328	70	183755	49.501	ng	99
20) 3+4-Methylphenols	7.316	107	241366	49.113	ng	95
22) Acetophenone	7.328	105	342332	47.917	ng	# 94
24) Nitrobenzene	7.498	77	278371	45.770	ng	97
25) Isophorone	7.739	82	486968	50.136	ng	99
26) 2-Nitrophenol	7.816	139	105909	51.064	ng	97
27) 2,4-Dimethylphenol	7.851	122	179776m	56.552	ng	
28) bis(2-Chloroethoxy)met...	7.951	93	262129	52.169	ng	97
29) 2,4-Dichlorophenol	8.057	162	188512	47.959	ng	97
30) 1,2,4-Trichlorobenzene	8.139	180	219483	45.532	ng	99
31) Naphthalene	8.222	128	584833	45.546	ng	100
32) Benzoic acid	7.986	122	113782	49.422	ng	93
33) 4-Chloroaniline	8.269	127	90288	18.759	ng	99
34) Hexachlorobutadiene	8.334	225	153690	45.239	ng	99
35) Caprolactam	8.651	113	50071m	49.244	ng	
36) 4-Chloro-3-methylphenol	8.757	107	215078	48.728	ng	98
37) 2-Methylnaphthalene	8.916	142	411258	46.832	ng	99
38) 1-Methylnaphthalene	9.016	142	379236	44.987	ng	98
40) 1,2,4,5-Tetrachloroben...	9.081	216	245244	49.067	ng	97
41) Hexachlorocyclopentadiene	9.069	237	317385	125.105	ng	97
43) 2,4,6-Trichlorophenol	9.192	196	151573	49.028	ng	99

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Manual Integrations
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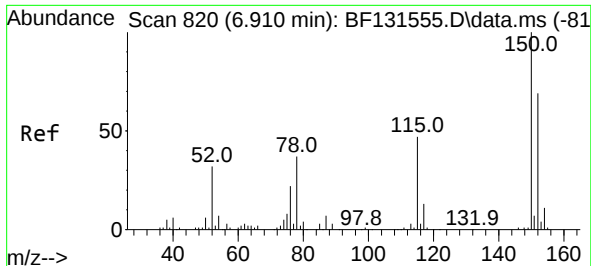
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	161019	48.430	ng	# 93
46) 1,1'-Biphenyl	9.386	154	529283	49.579	ng	98
47) 2-Chloronaphthalene	9.410	162	413751	47.570	ng	99
48) 2-Nitroaniline	9.510	65	148049	48.051	ng	95
49) Acenaphthylene	9.828	152	621483	48.664	ng	99
50) Dimethylphthalate	9.692	163	502598	48.830	ng	100
51) 2,6-Dinitrotoluene	9.751	165	107000	50.355	ng	98
52) Acenaphthene	10.004	154	450863m	52.699	ng	
53) 3-Nitroaniline	9.922	138	59532	29.200	ng	95
54) 2,4-Dinitrophenol	10.028	184	103509	84.833	ng	90
55) Dibenzofuran	10.175	168	582776	48.210	ng	98
56) 4-Nitrophenol	10.086	139	155487	109.783	ng	91
57) 2,4-Dinitrotoluene	10.157	165	147568	52.352	ng	94
58) Fluorene	10.516	166	475095	48.345	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	135222m	48.029	ng	
60) Diethylphthalate	10.392	149	488109	49.417	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	266232	49.023	ng	94
62) 4-Nitroaniline	10.545	138	94306	46.679	ng	100
63) Azobenzene	10.669	77	530989	47.133	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	74472	45.801	ng	97
66) n-Nitrosodiphenylamine	10.627	169	397883	47.940	ng	97
67) 4-Bromophenyl-phenylether	10.998	248	156271	47.319	ng	# 90
68) Hexachlorobenzene	11.063	284	170441	47.713	ng	# 93
69) Atrazine	11.157	200	151715	57.564	ng	98
70) Pentachlorophenol	11.257	266	184597	100.378	ng	99
71) Phenanthrene	11.486	178	665573	46.513	ng	100
72) Anthracene	11.539	178	684087	49.138	ng	99
73) Carbazole	11.692	167	566070	49.815	ng	100
74) Di-n-butylphthalate	12.016	149	741610	53.197	ng	99
75) Fluoranthene	12.680	202	720388	48.890	ng	99
77) Benzidine	12.798	184	274392	62.969	ng	98
78) Pyrene	12.910	202	728179	45.408	ng	99
80) Butylbenzylphthalate	13.527	149	273937	59.027	ng	94
81) Benzo(a)anthracene	14.098	228	573225	48.807	ng	99
82) 3,3'-Dichlorobenzidine	14.063	252	78257	23.419	ng	97
83) Chrysene	14.139	228	540077	48.369	ng	97
84) Bis(2-ethylhexyl)phtha...	14.080	149	374730	58.559	ng	99
85) Di-n-octyl phthalate	14.704	149	537492	51.461	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	456096	41.572	ng	100
88) Benzo(b)fluoranthene	15.174	252	468613	52.889	ng	100
89) Benzo(k)fluoranthene	15.210	252	432626	46.780	ng	100
90) Benzo(a)pyrene	15.557	252	381184	50.412	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	385245	42.665	ng	99
92) Benzo(g,h,i)perylene	17.633	276	378037	41.657	ng	99

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

Manual Integrations APPROVED

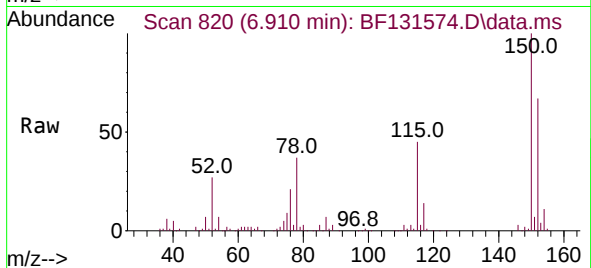
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

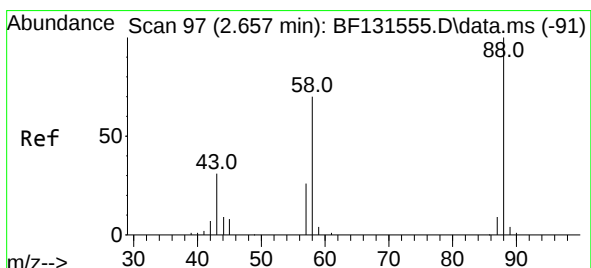
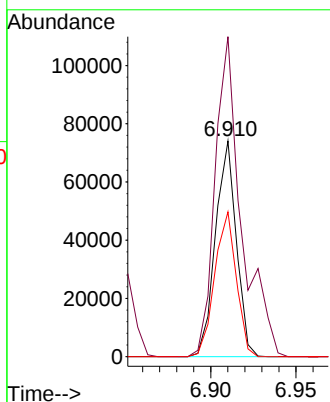
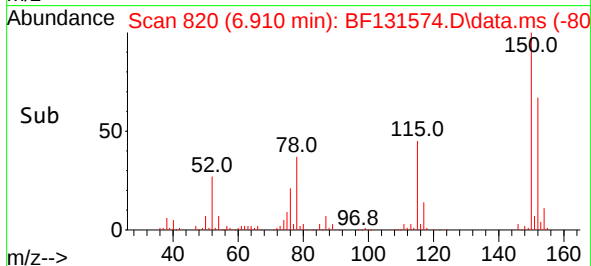
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



Tgt Ion:152 Resp: 63025
Ion Ratio Lower Upper
152 100
150 148.4 116.7 175.1
115 67.1 54.6 82.0

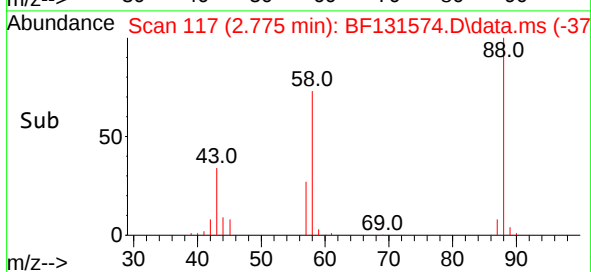
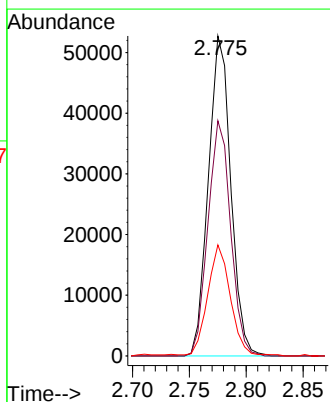
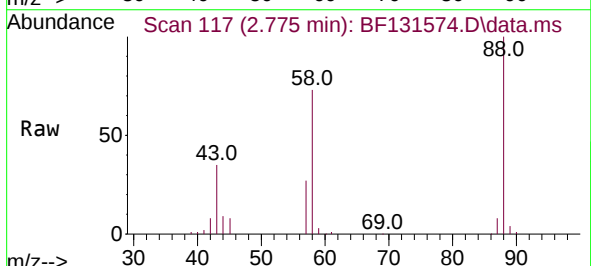
Manual Integrations
APPROVED

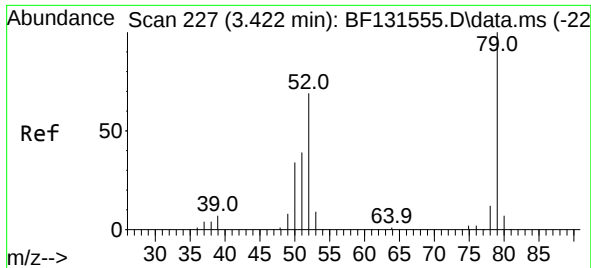
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#2
1,4-Dioxane
Concen: 42.444 ng
RT: 2.775 min Scan# 117
Delta R.T. 0.118 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

Tgt Ion: 88 Resp: 72377
Ion Ratio Lower Upper
88 100
58 74.2 60.0 90.0
43 35.4 26.7 40.1





#3

Pyridine

Concen: 42.700 ng

RT: 3.528 min Scan# 241

Delta R.T. 0.106 min

Lab File: BF131574.D

Acq: 09 Dec 2022 19:13

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MSD

Tgt Ion: 79 Resp: 202154

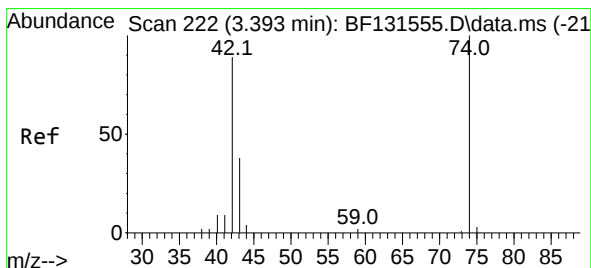
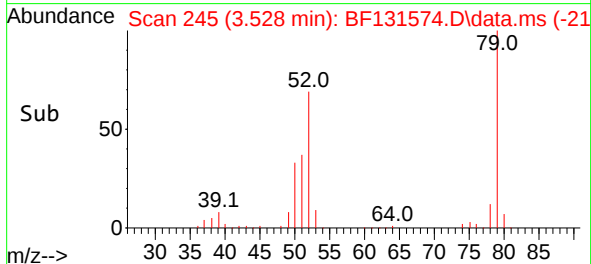
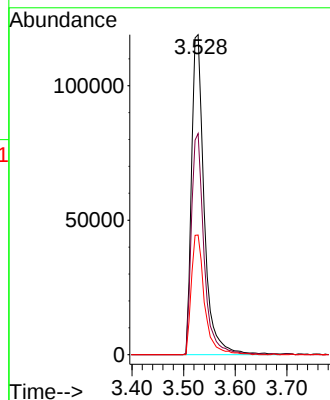
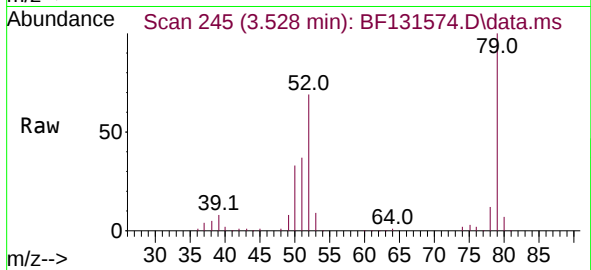
Ion	Ratio	Lower	Upper
79	100		
52	69.1	55.0	82.6
51	37.4	31.4	47.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 12/12/2022



#4

n-Nitrosodimethylamine

Concen: 47.508 ng

RT: 3.504 min Scan# 241

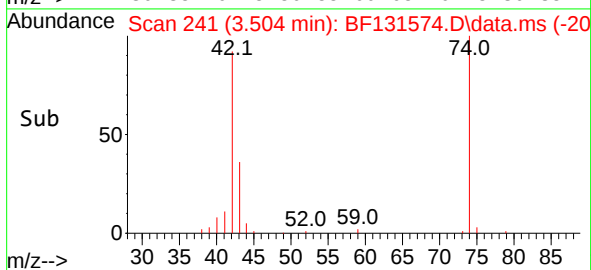
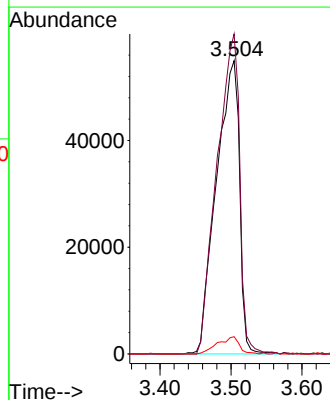
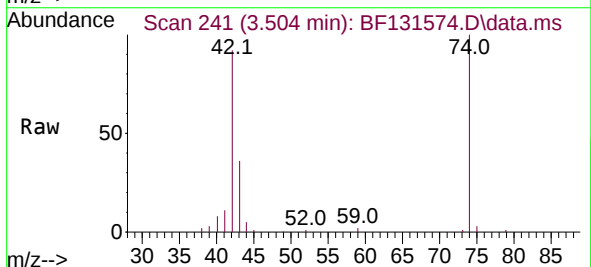
Delta R.T. 0.112 min

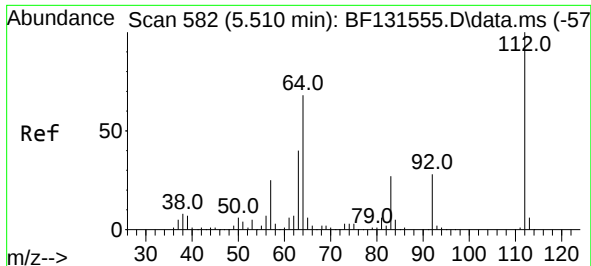
Lab File: BF131574.D

Acq: 09 Dec 2022 19:13

Tgt Ion: 42 Resp: 124044

Ion	Ratio	Lower	Upper
42	100		
74	109.1	90.2	135.2
44	5.9	3.7	5.5





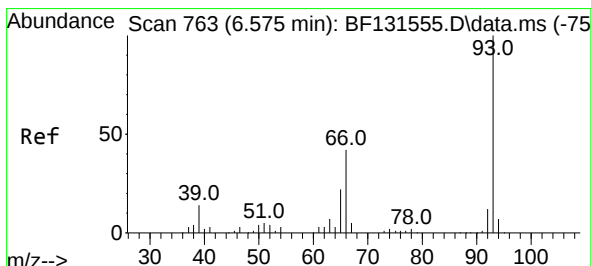
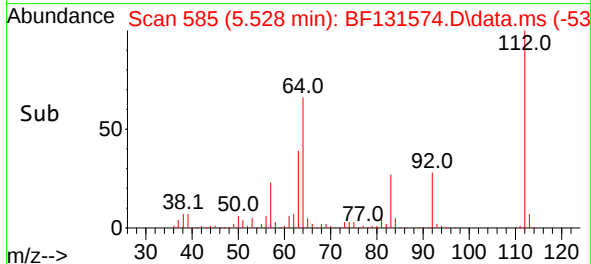
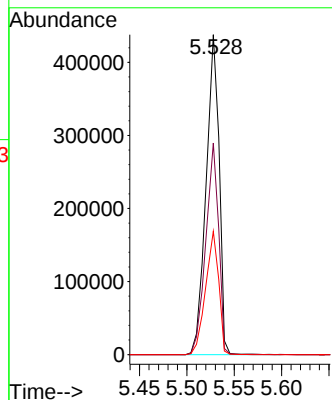
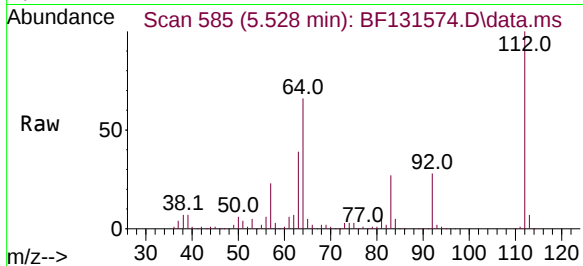
#5
2-Fluorophenol
Concen: 111.451 ng
RT: 5.528 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD

Tgt Ion:112 Resp: 421042
Ion Ratio Lower Upper
112 100
64 66.1 54.5 81.7
63 38.6 31.9 47.9

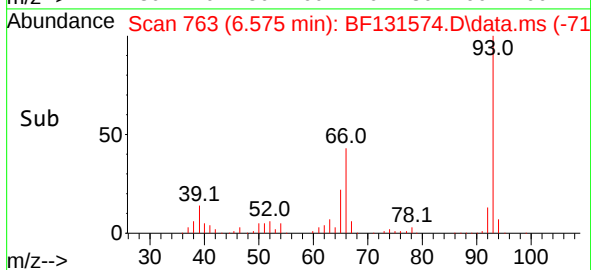
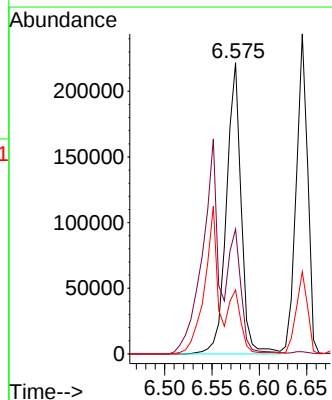
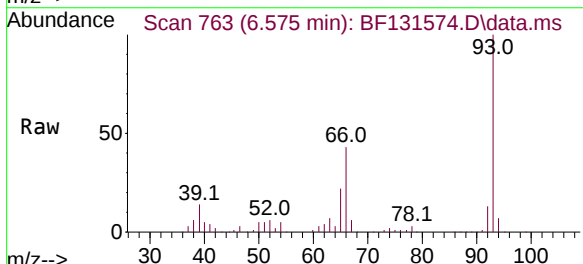
Manual Integrations
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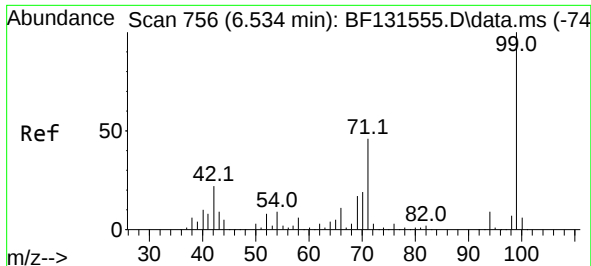
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#6
Aniline
Concen: 40.449 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

Tgt Ion: 93 Resp: 239485
Ion Ratio Lower Upper
93 100
66 42.8 34.6 51.8
65 22.0 17.7 26.5





#7

Phenol-d6

Concen: 109.392 ng

RT: 6.540 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF131574.D

Acq: 09 Dec 2022 19:13

Instrument :

BNA_F

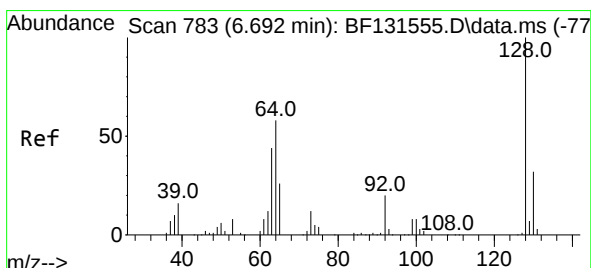
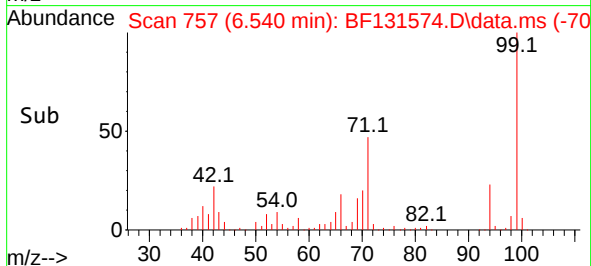
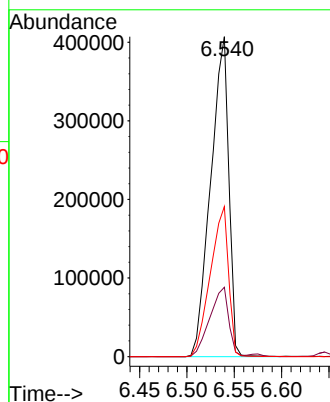
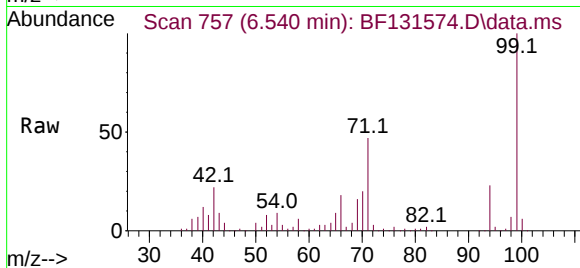
ClientSampleId :

NYE-SOIL-1208MSD

Tgt Ion: 99 Resp: 541553
 Ion Ratio Lower Upper
 99 100
 42 21.7 17.9 26.9
 71 46.9 37.2 55.8

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#8

2-Chlorophenol

Concen: 49.248 ng

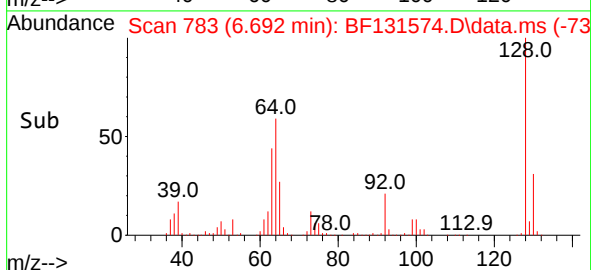
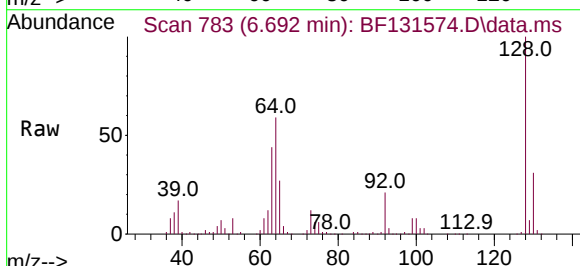
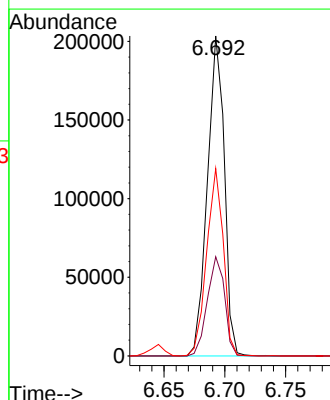
RT: 6.692 min Scan# 783

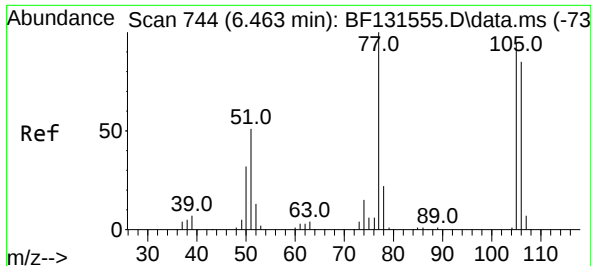
Delta R.T. 0.000 min

Lab File: BF131574.D

Acq: 09 Dec 2022 19:13

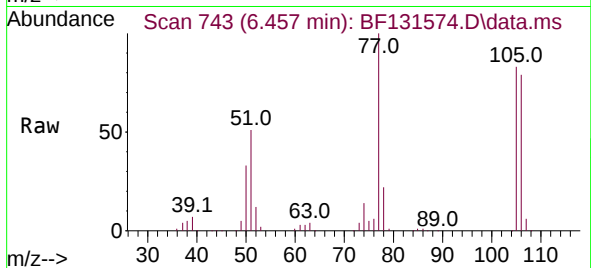
Tgt Ion:128 Resp: 197167
 Ion Ratio Lower Upper
 128 100
 130 31.0 11.6 51.6
 64 58.5 40.6 80.6





#9
Benzaldehyde
Concen: 32.179 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

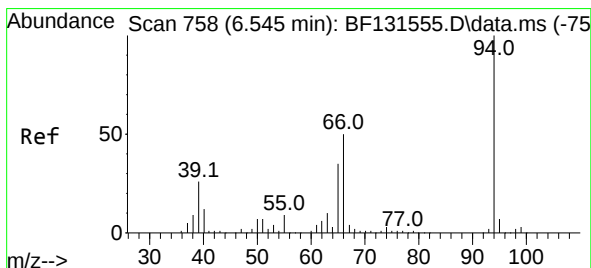
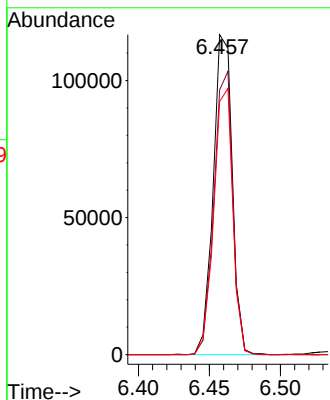
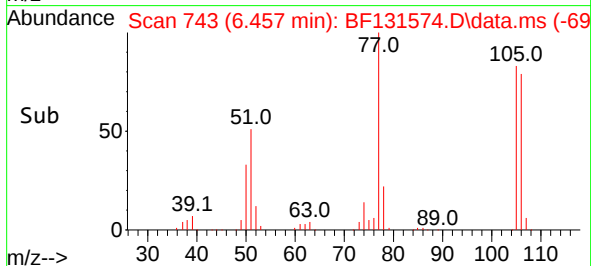
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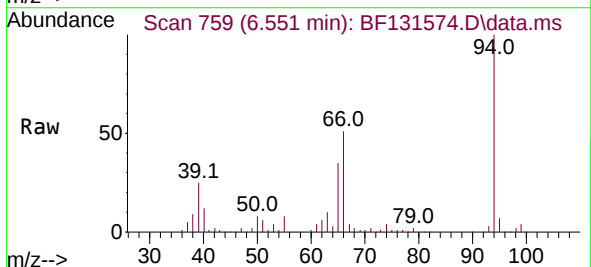
Tgt Ion: 77 Resp: 109132
Ion Ratio Lower Upper
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105 82.7 73.8 113.8
106 79.1 65.2 105.2

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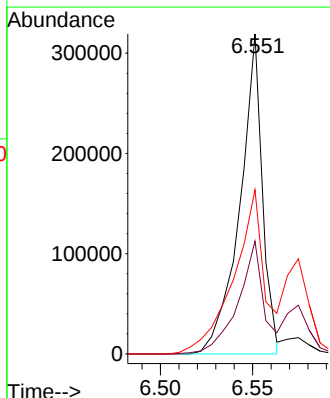
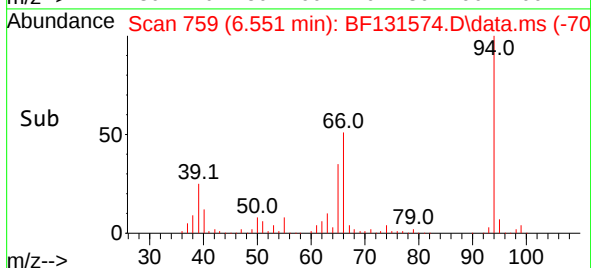
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

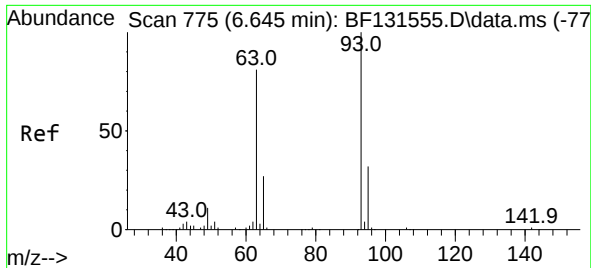


#10
Phenol
Concen: 49.137 ng m
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



Tgt Ion: 94 Resp: 271335
Ion Ratio Lower Upper
94 100
65 35.2 14.8 54.8
66 51.3 30.8 70.8





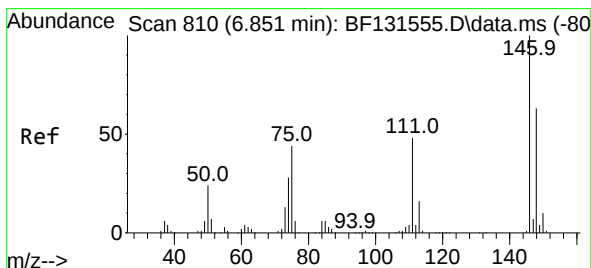
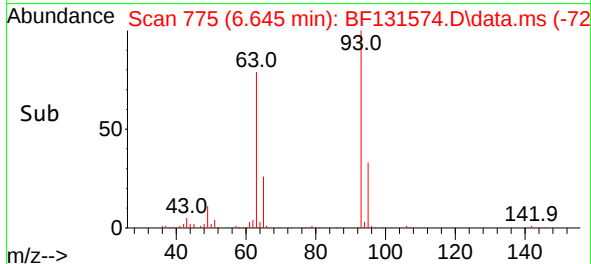
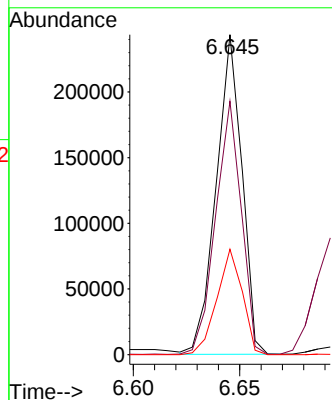
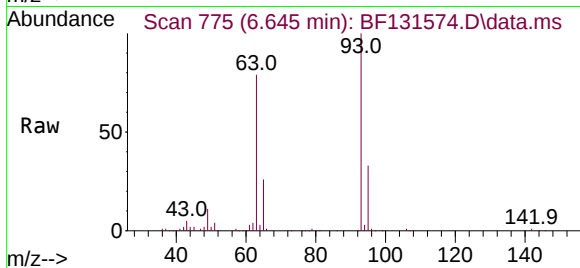
#11
bis(2-Chloroethyl)ether
Concen: 49.370 ng
RT: 6.645 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD

Tgt Ion: 93 Resp: 204359
Ion Ratio Lower Upper
93 100
63 79.2 60.4 100.4
95 32.9 12.3 52.3

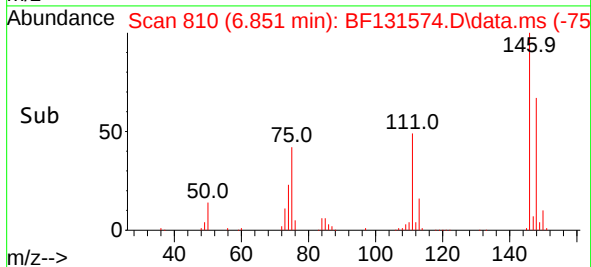
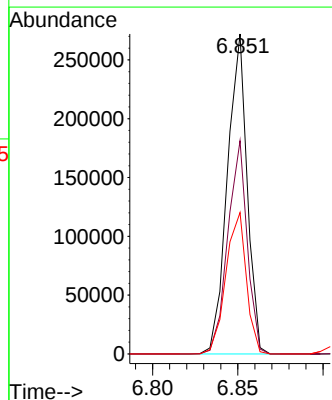
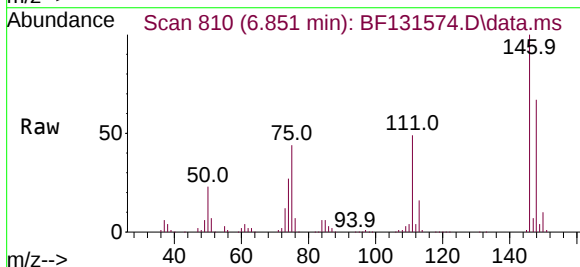
Manual Integrations
APPROVED

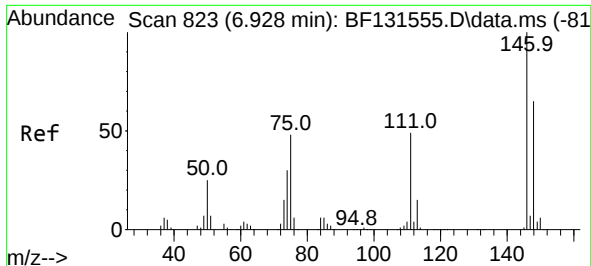
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#12
1,3-Dichlorobenzene
Concen: 47.274 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

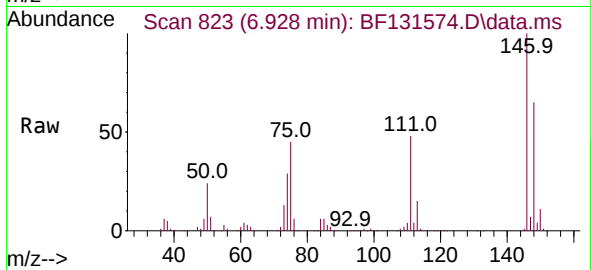
Tgt Ion:146 Resp: 219429
Ion Ratio Lower Upper
146 100
148 66.7 50.7 76.1
75 44.2 35.1 52.7





#13
1,4-Dichlorobenzene
Concen: 47.952 ng
RT: 6.928 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

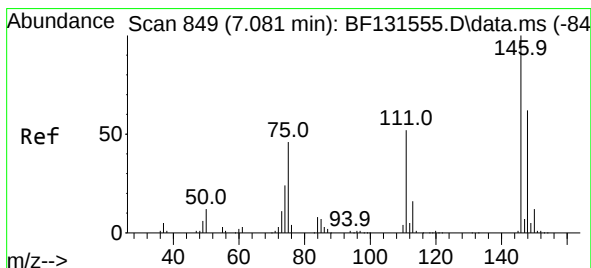
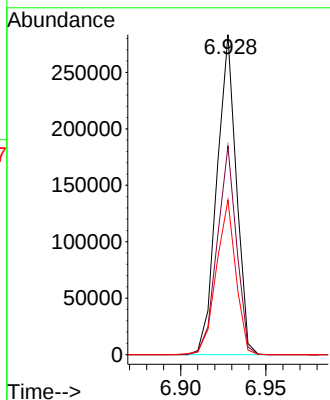
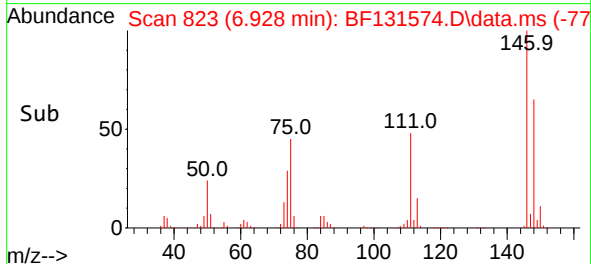
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



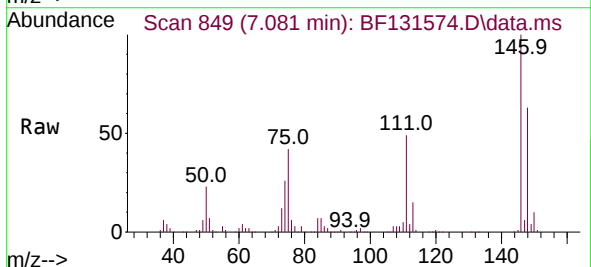
Tgt Ion:146 Resp: 224507
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.6
111 48.3 38.9 58.3

Manual Integrations
APPROVED

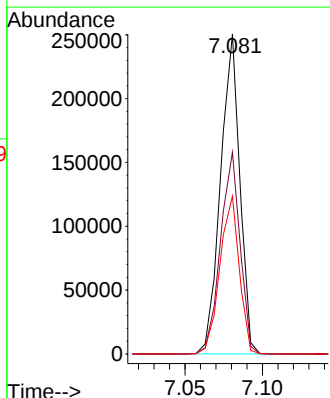
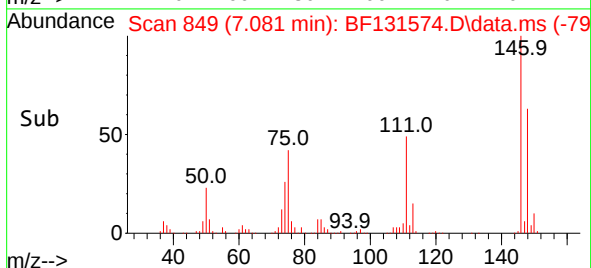
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

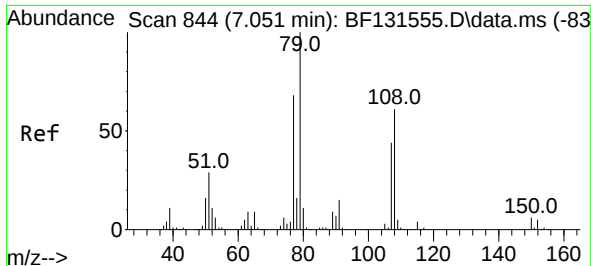


#14
1,2-Dichlorobenzene
Concen: 48.398 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



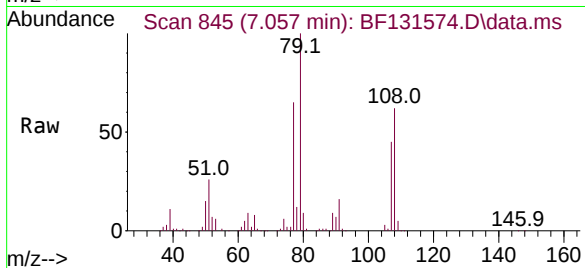
Tgt Ion:146 Resp: 216460
Ion Ratio Lower Upper
146 100
148 63.0 49.9 74.9
111 49.3 41.8 62.6





#15
Benzyl Alcohol
Concen: 49.326 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

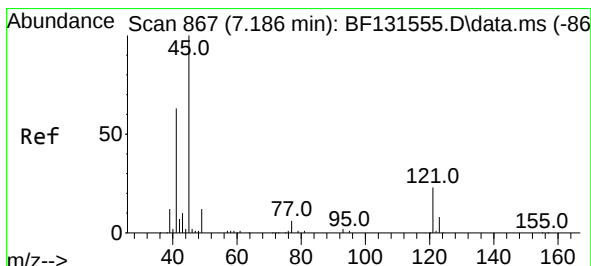
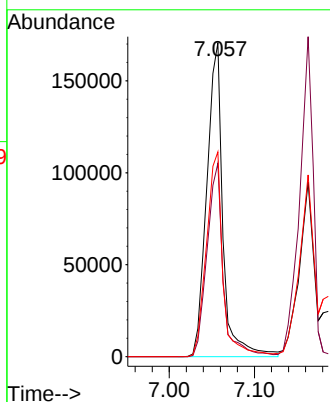
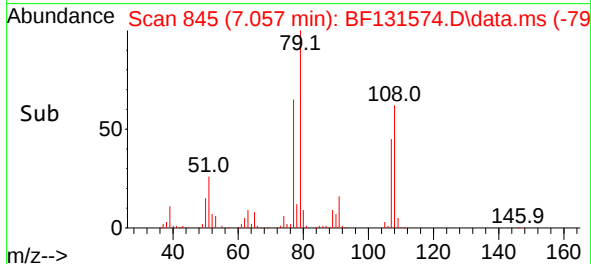
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



Tgt Ion: 79 Resp: 22387
Ion Ratio Lower Upper
79 100
108 61.6 49.2 73.8
77 65.2 54.5 81.7

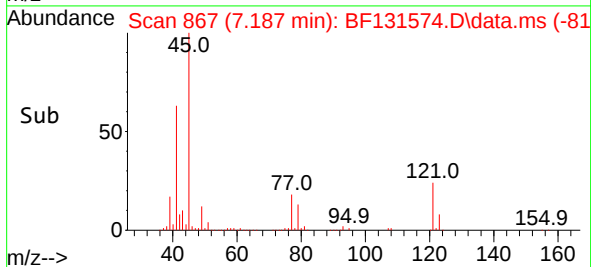
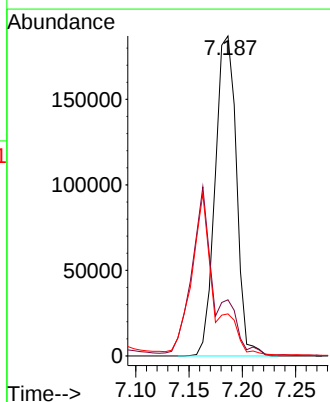
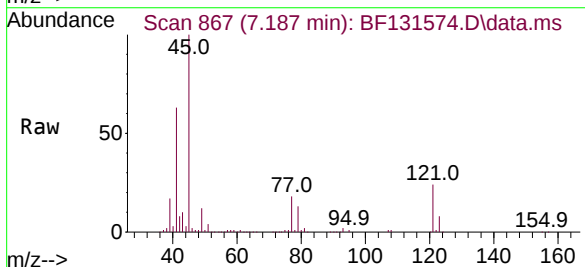
Manual Integrations
APPROVED

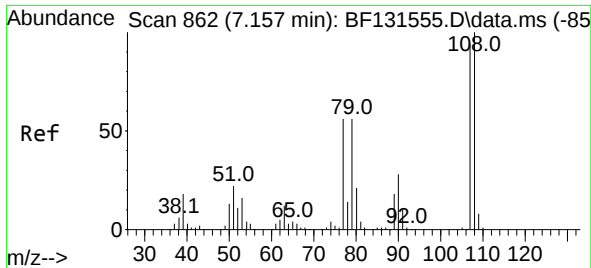
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.595 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

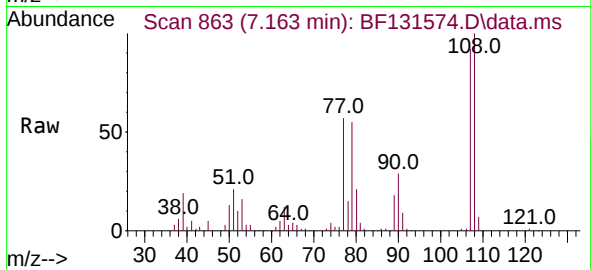
Tgt Ion: 45 Resp: 259837
Ion Ratio Lower Upper
45 100
77 17.5 0.0 37.7
79 13.1 0.0 33.6





#17
2-Methylphenol
Concen: 49.389 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

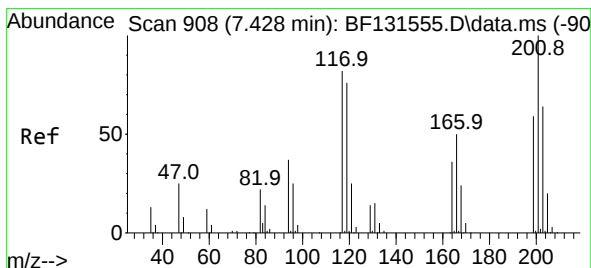
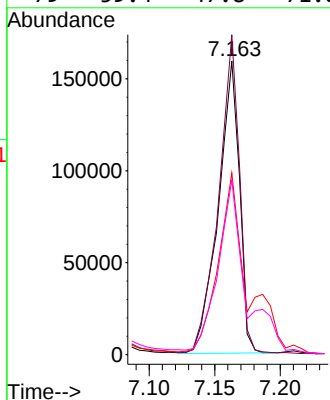
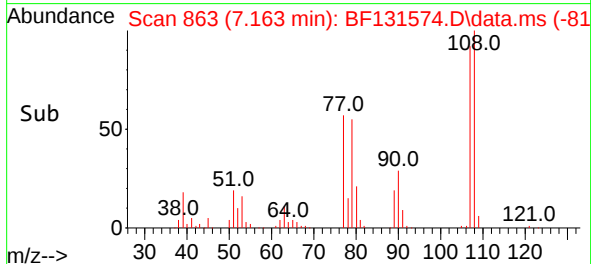
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



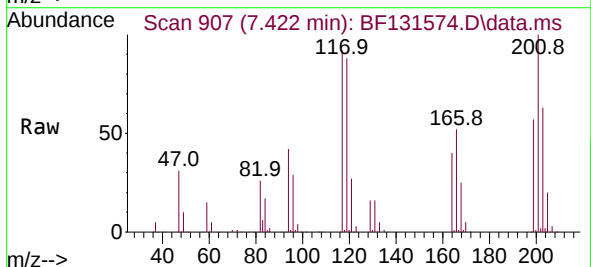
Tgt Ion:107 Resp: 178202
Ion Ratio Lower Upper
107 100
108 108.9 85.5 128.3
77 61.8 48.2 72.4
79 59.4 47.8 71.8

Manual Integrations
APPROVED

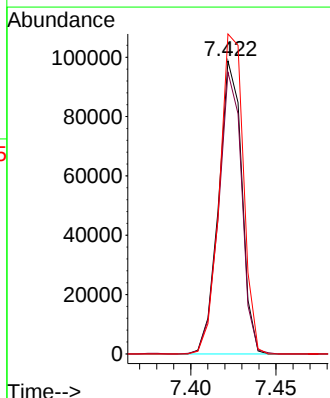
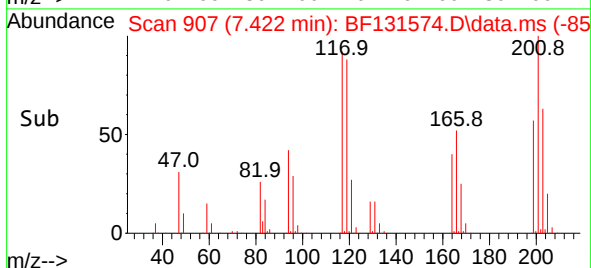
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

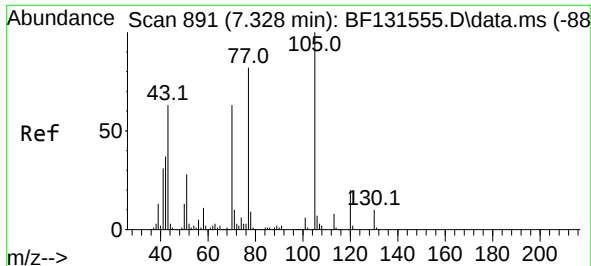


#18
Hexachloroethane
Concen: 49.270 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



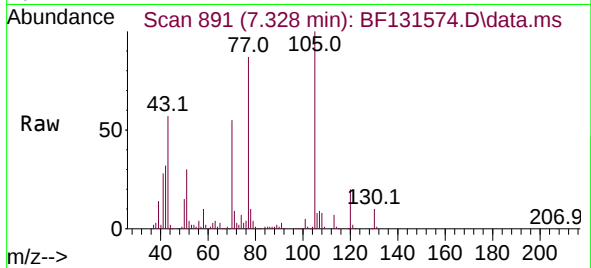
Tgt Ion:117 Resp: 93055
Ion Ratio Lower Upper
117 100
119 96.2 75.0 112.4
201 109.3 98.0 147.0





#19
n-Nitroso-di-n-propylamine
Concen: 49.501 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

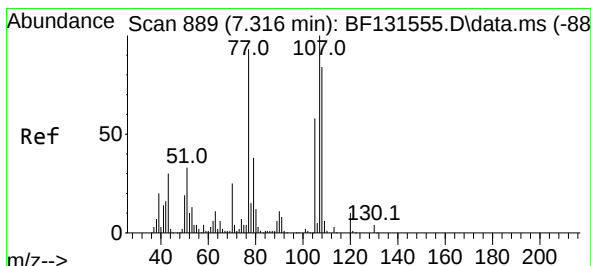
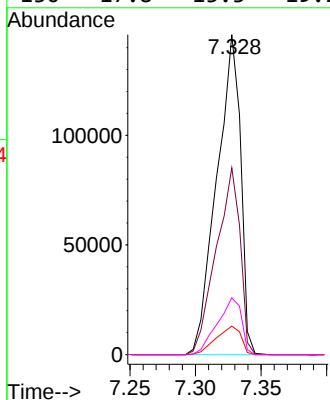
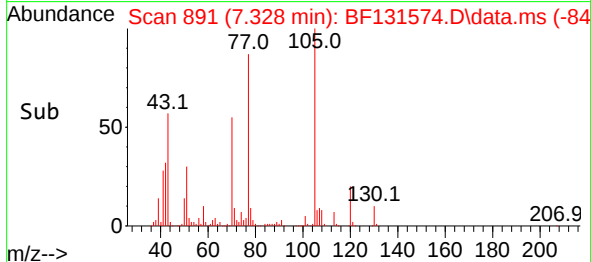
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



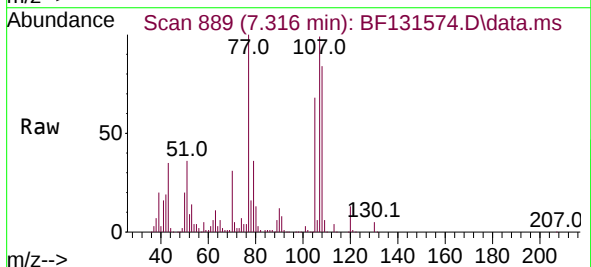
Tgt Ion: 70 Resp: 18375
Ion Ratio Lower Upper
70 100
42 58.4 46.4 69.6
101 8.9 7.2 10.8
130 17.8 13.3 19.9

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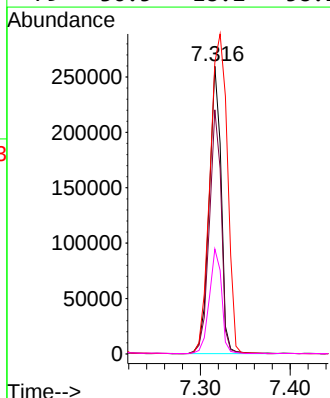
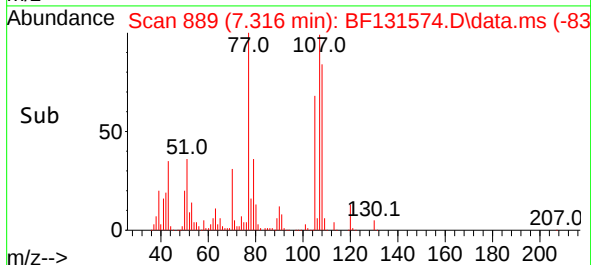
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

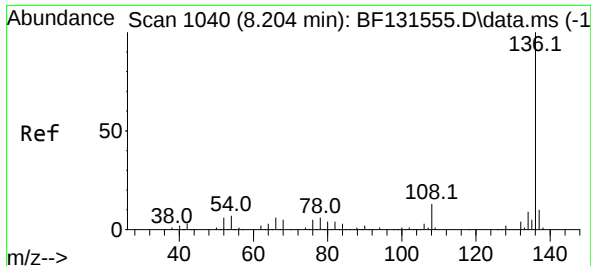


#20
3+4-Methylphenols
Concen: 49.113 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



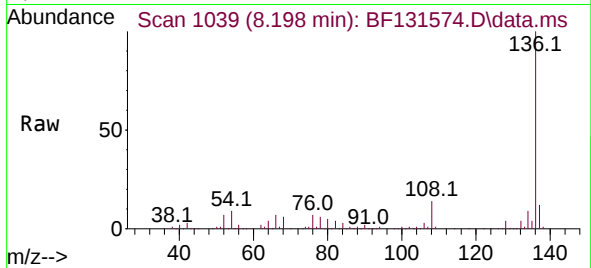
Tgt Ion:107 Resp: 241366
Ion Ratio Lower Upper
107 100
108 84.9 64.0 104.0
77 101.3 73.1 113.1
79 36.5 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

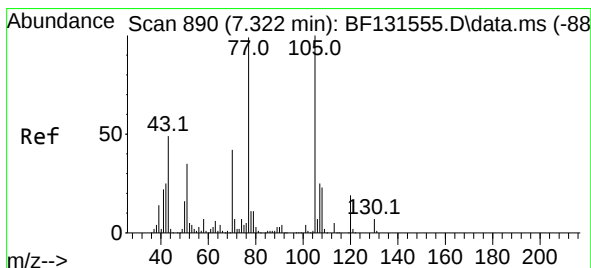
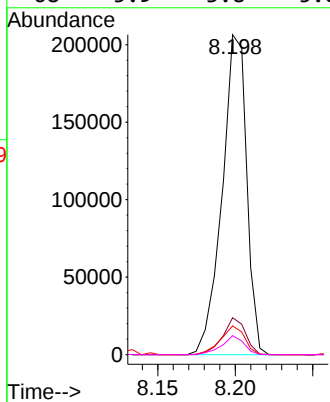
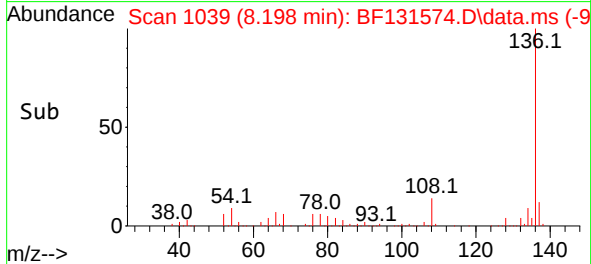
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



Tgt Ion:136 Resp: 227979
Ion Ratio Lower Upper
136 100
137 11.5 8.1 12.1
54 9.0 6.0 9.0
68 5.9 3.8 5.8#

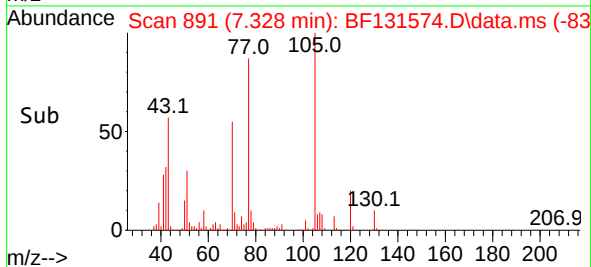
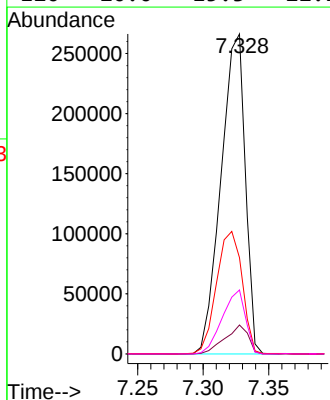
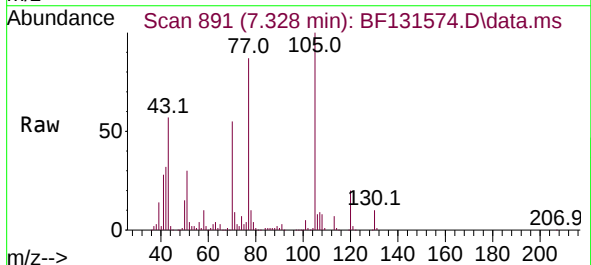
Manual Integrations
APPROVED

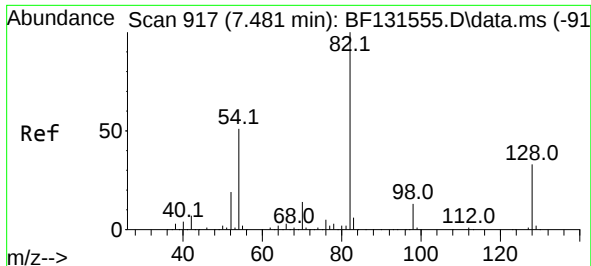
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#22
Acetophenone
Concen: 47.917 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

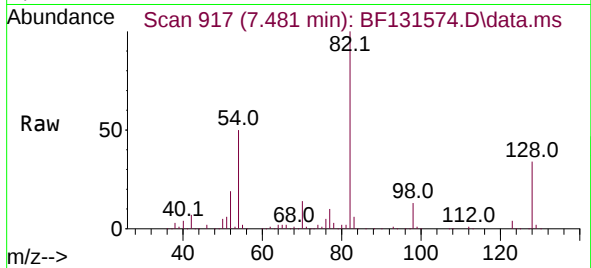
Tgt Ion:105 Resp: 342332
Ion Ratio Lower Upper
105 100
71 9.0 5.4 8.0#
51 30.1 27.8 41.6
120 20.0 15.3 22.9





#23
Nitrobenzene-d5
Concen: 64.128 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

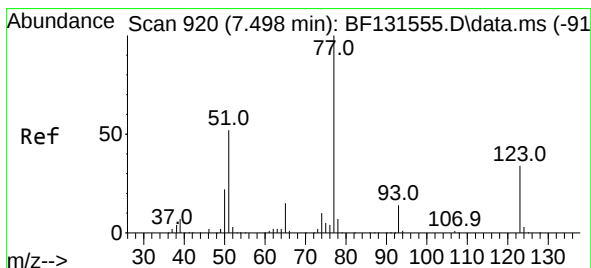
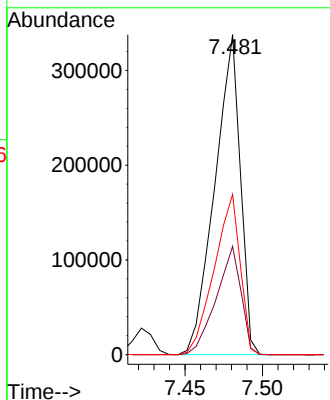
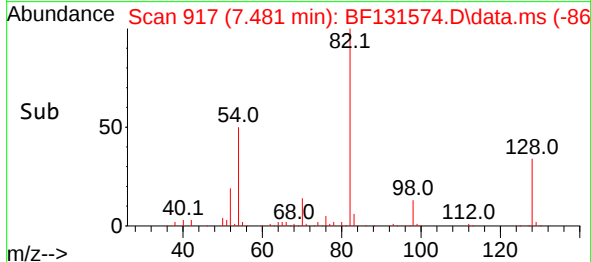
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



Tgt Ion: 82 Resp: 386700
Ion Ratio Lower Upper
82 100
128 33.8 26.1 39.1
54 50.1 40.6 60.8

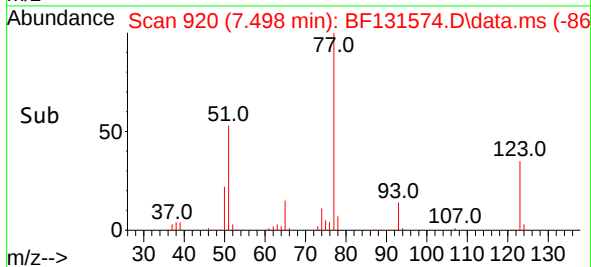
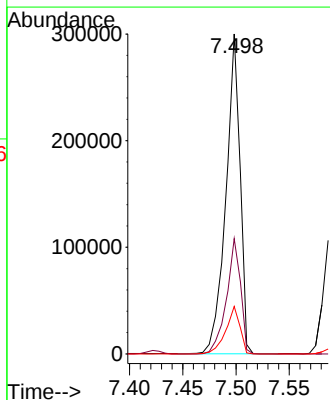
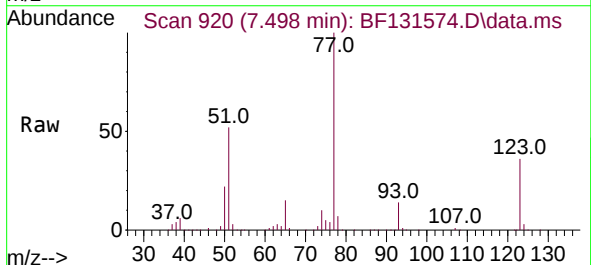
Manual Integrations
APPROVED

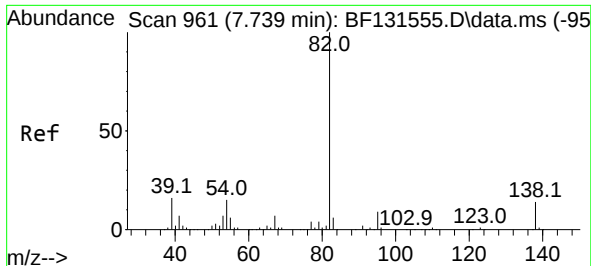
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#24
Nitrobenzene
Concen: 45.770 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

Tgt Ion: 77 Resp: 278371
Ion Ratio Lower Upper
77 100
123 36.1 27.1 40.7
65 14.9 11.9 17.9





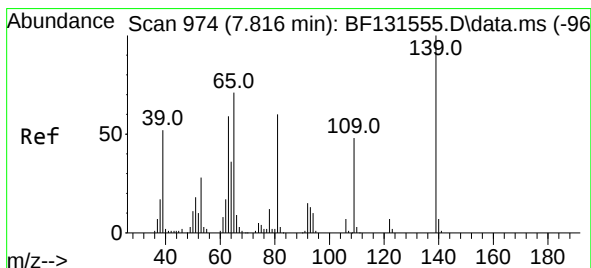
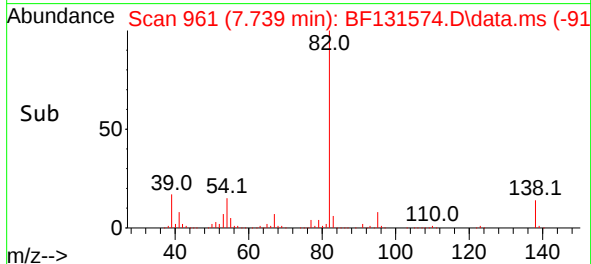
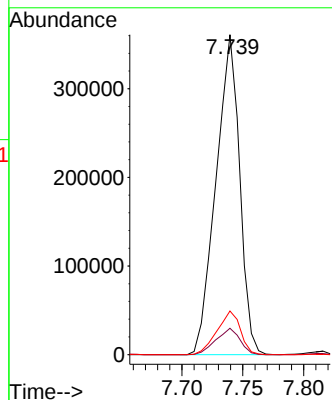
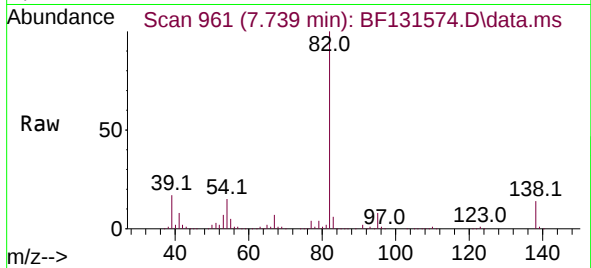
#25
Isophorone
Concen: 50.136 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD

Tgt Ion: 82 Resp: 486968
Ion Ratio Lower Upper
82 100
95 8.2 6.9 10.3
138 13.6 11.4 17.0

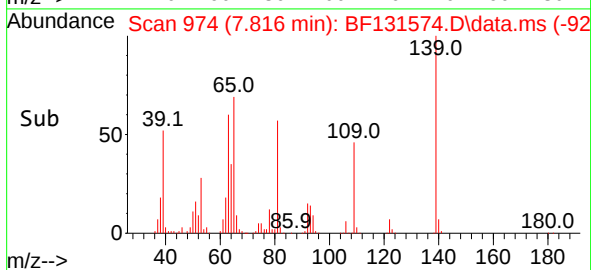
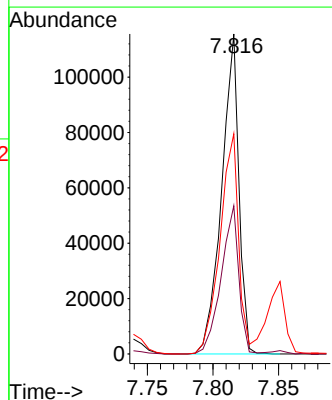
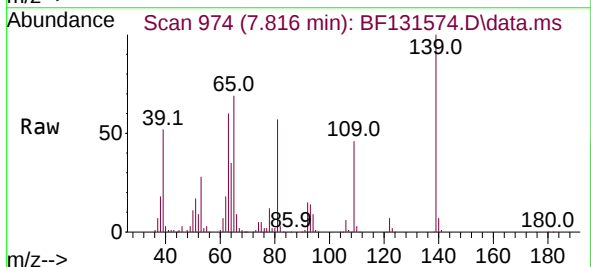
Manual Integrations
APPROVED

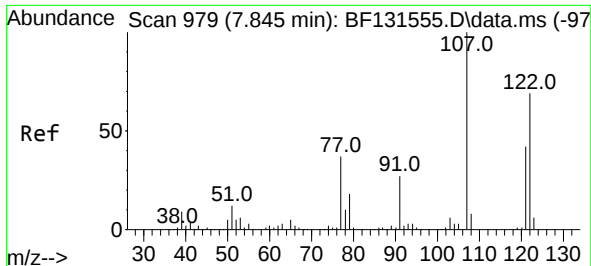
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#26
2-Nitrophenol
Concen: 51.064 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

Tgt Ion:139 Resp: 105909
Ion Ratio Lower Upper
139 100
109 46.3 38.6 58.0
65 68.8 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 56.552 ng m

RT: 7.851 min Scan# 980

Delta R.T. 0.006 min

Lab File: BF131574.D

Acq: 09 Dec 2022 19:13

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MSD

Tgt Ion:122 Resp: 179776

Ion Ratio Lower Upper

122 100

107 141.5 114.2 171.2

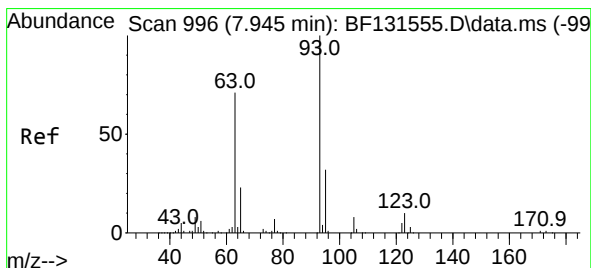
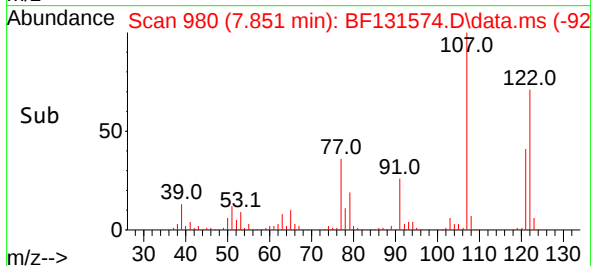
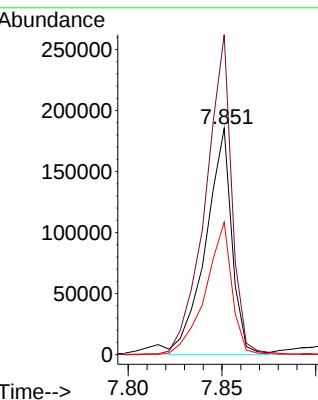
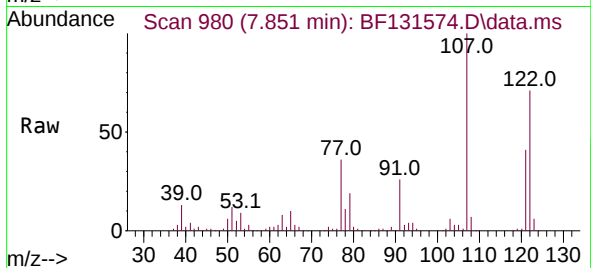
121 58.5 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/10/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#28

bis(2-Chloroethoxy)methane

Concen: 52.169 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.006 min

Lab File: BF131574.D

Acq: 09 Dec 2022 19:13

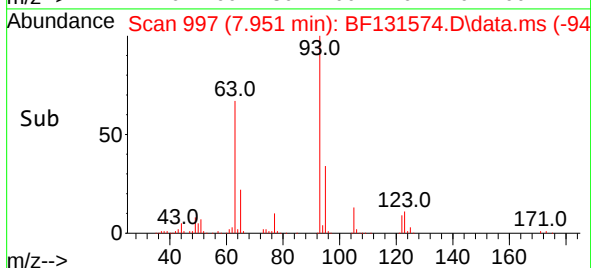
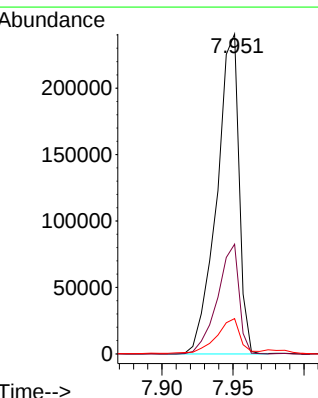
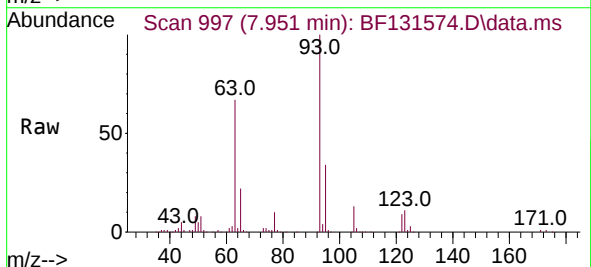
Tgt Ion: 93 Resp: 262129

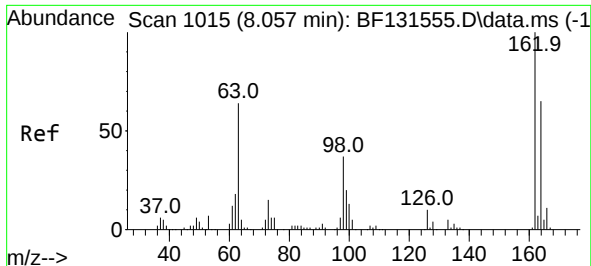
Ion Ratio Lower Upper

93 100

95 34.3 25.8 38.6

123 11.0 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 47.959 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF131574.D

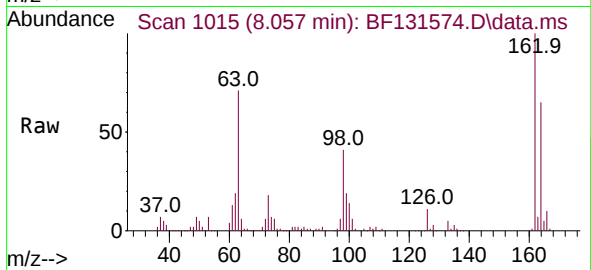
Acq: 09 Dec 2022 19:13

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MSD



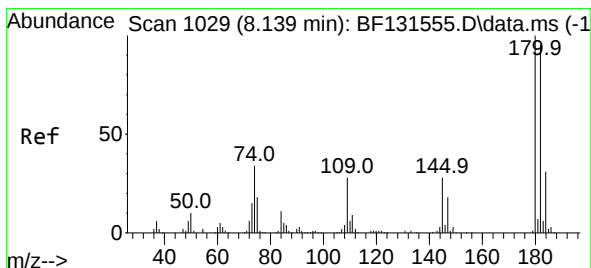
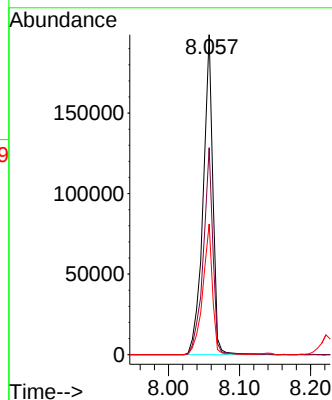
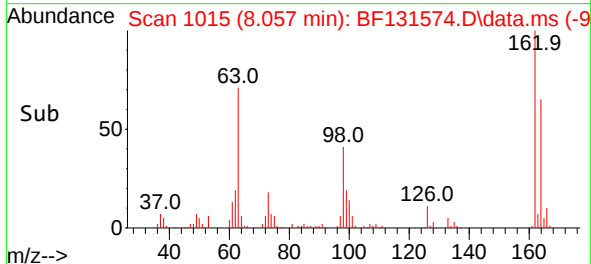
Tgt Ion:162	Resp: 188512
Ion Ratio	Lower Upper
162	100
164	64.7 45.0 85.0
98	40.8 16.6 56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/10/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.532 ng

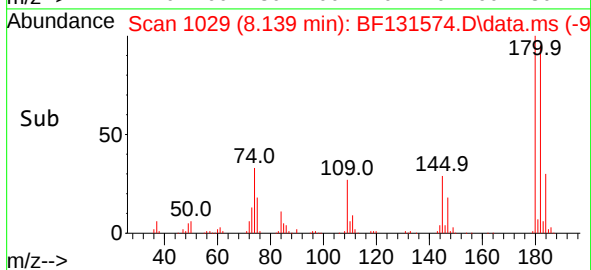
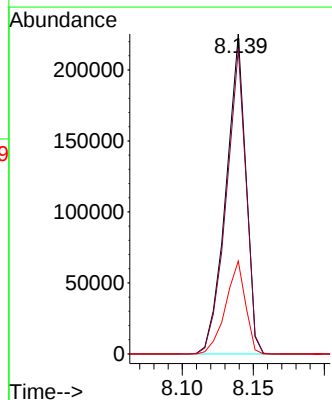
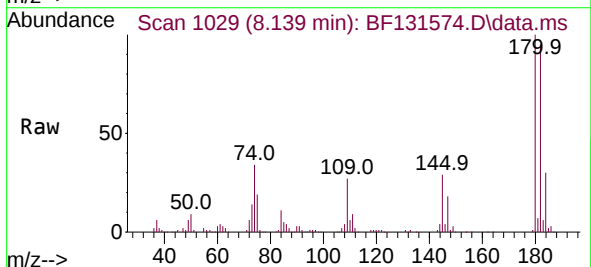
RT: 8.139 min Scan# 1029

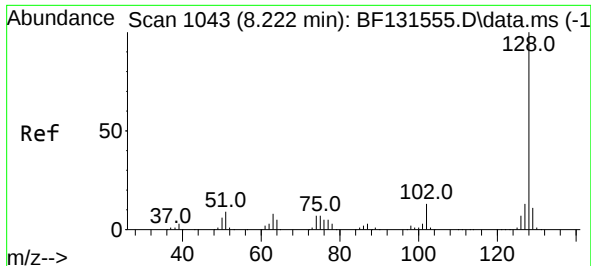
Delta R.T. 0.000 min

Lab File: BF131574.D

Acq: 09 Dec 2022 19:13

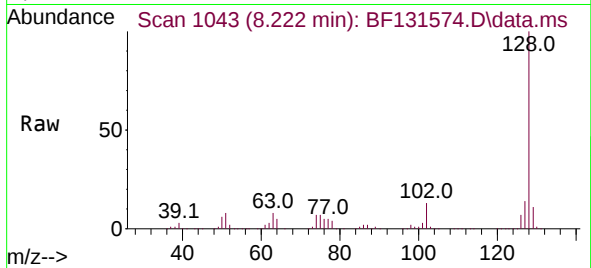
Tgt Ion:180	Resp: 219483
Ion Ratio	Lower Upper
180	100
182	95.3 75.8 113.6
145	29.0 22.4 33.6





#31
Naphthalene
Concen: 45.546 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

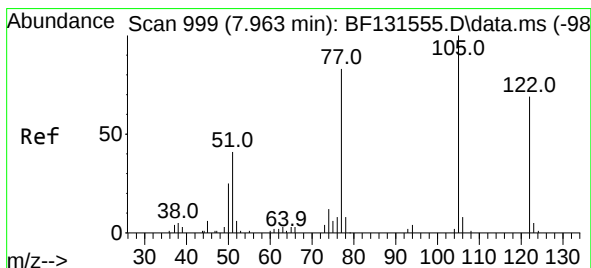
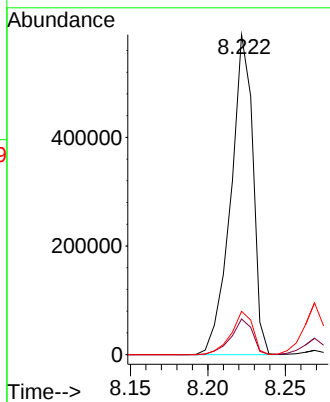
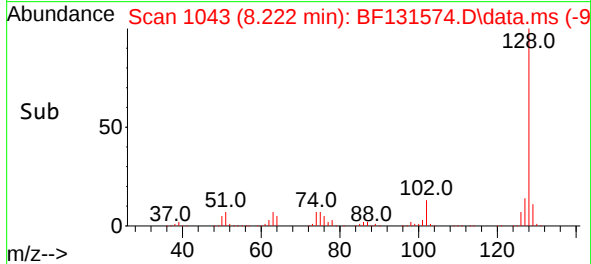
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



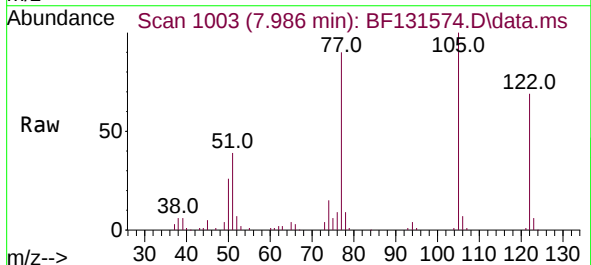
Tgt Ion:128 Resp: 584833
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.6 15.8

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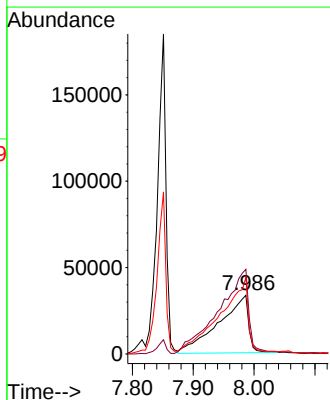
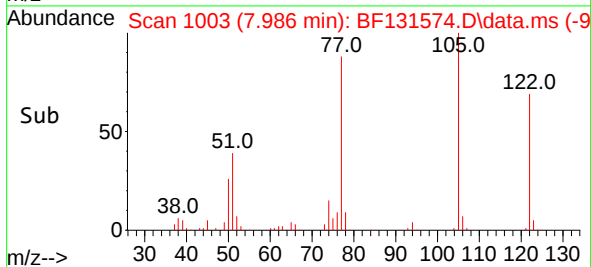
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

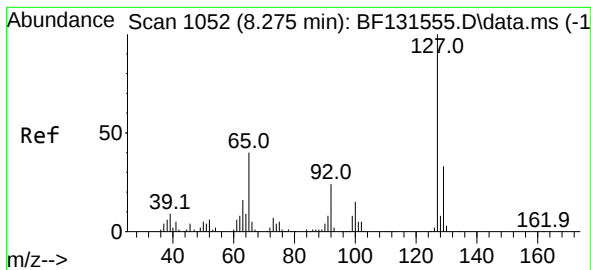


#32
Benzoic acid
Concen: 49.422 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.023 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



Tgt Ion:122 Resp: 113782
Ion Ratio Lower Upper
122 100
105 144.0 119.8 159.8
77 130.2 97.6 137.6





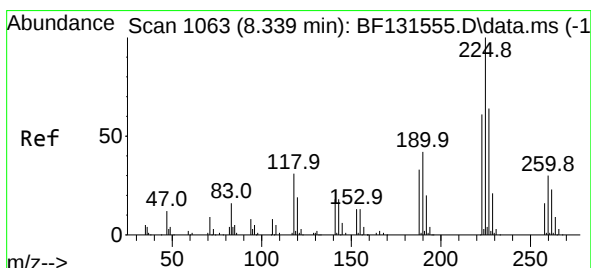
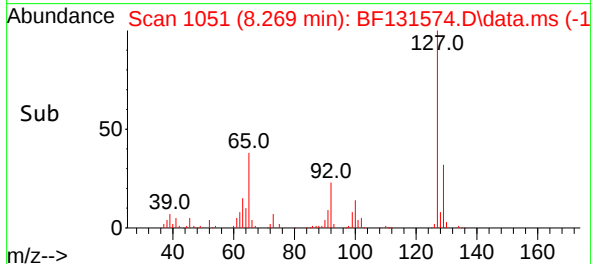
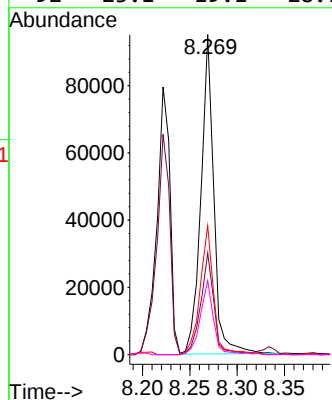
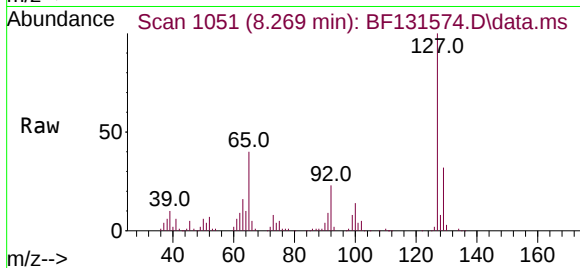
#33
4-Chloroaniline
Concen: 18.759 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD

Tgt Ion:127	Resp:	90288
Ion Ratio	Lower	Upper
127	100	
129	31.7	26.4 39.6
65	40.2	31.9 47.9
92	23.1	19.1 28.7

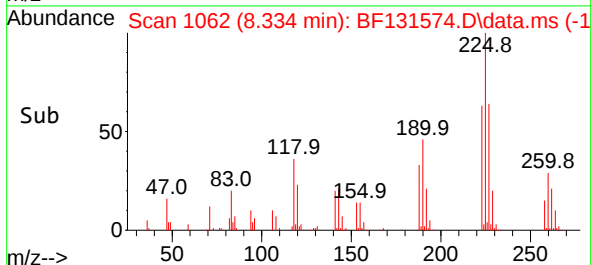
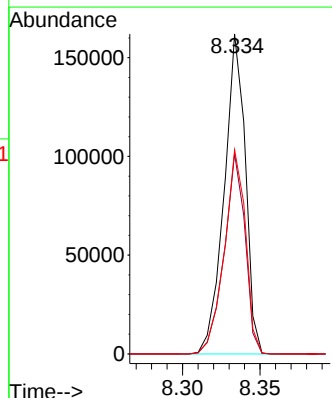
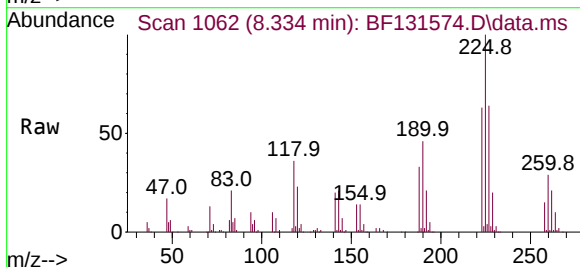
Manual Integrations
APPROVED

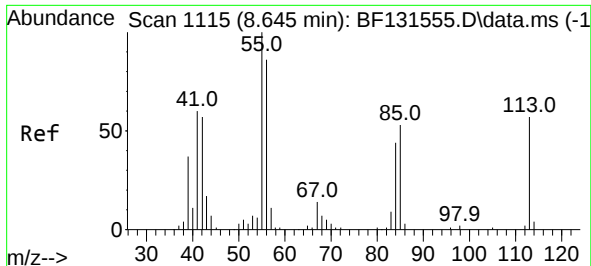
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#34
Hexachlorobutadiene
Concen: 45.239 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

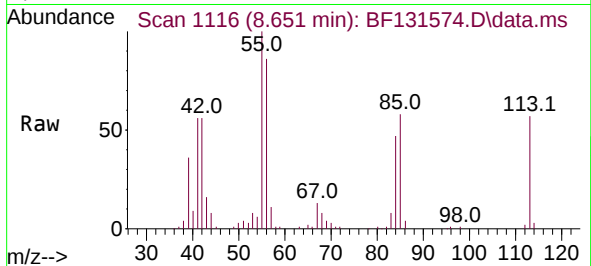
Tgt Ion:225	Resp:	153690
Ion Ratio	Lower	Upper
225	100	
223	62.5	48.7 73.1
227	63.8	51.0 76.6





#35
Caprolactam
Concen: 49.244 ng m
RT: 8.651 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

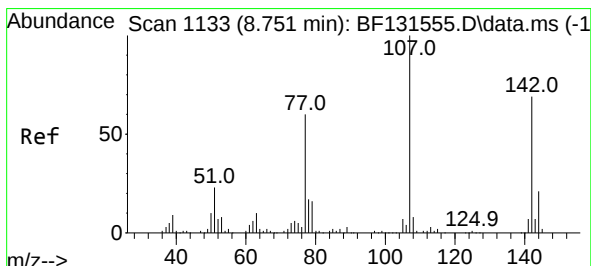
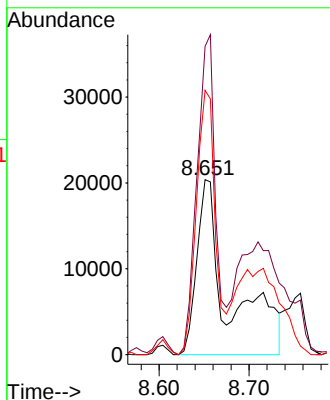
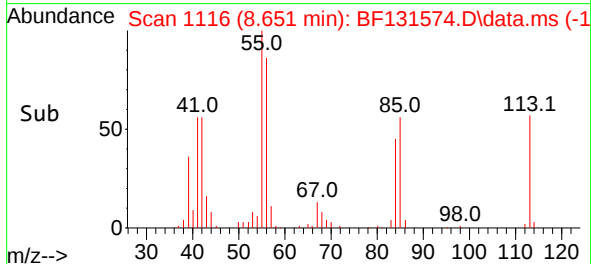
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



Tgt Ion:113 Resp: 5007
Ion Ratio Lower Upper
113 100
55 176.2 155.8 195.8
56 151.1 131.7 171.7

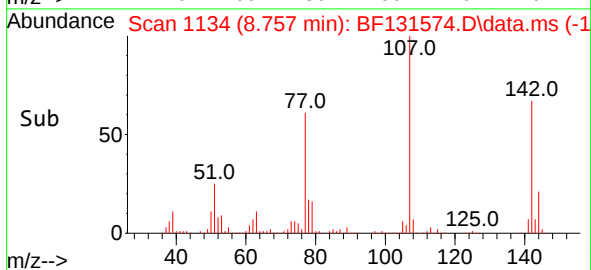
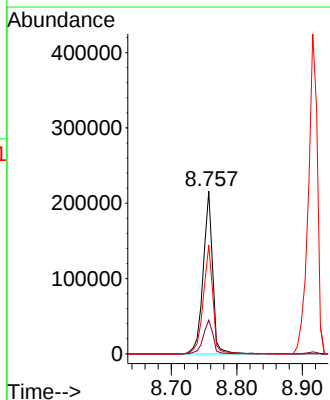
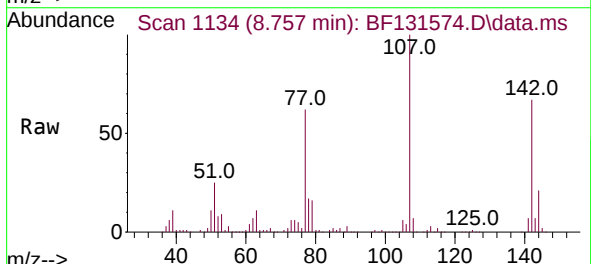
Manual Integrations
APPROVED

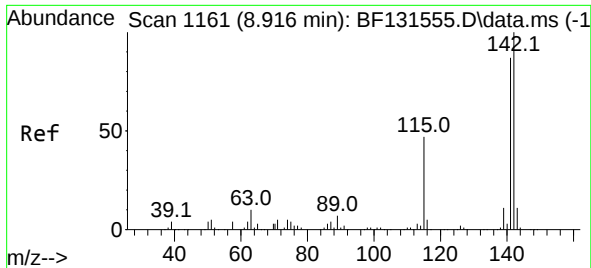
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#36
4-Chloro-3-methylphenol
Concen: 48.728 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

Tgt Ion:107 Resp: 215078
Ion Ratio Lower Upper
107 100
144 20.8 17.0 25.4
142 66.8 54.8 82.2





#37

2-Methylnaphthalene

Concen: 46.832 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF131574.D

Acq: 09 Dec 2022 19:13

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MSD

Tgt Ion:142 Resp: 411258

Ion Ratio Lower Upper

142 100

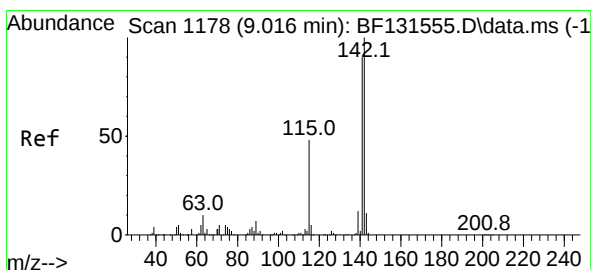
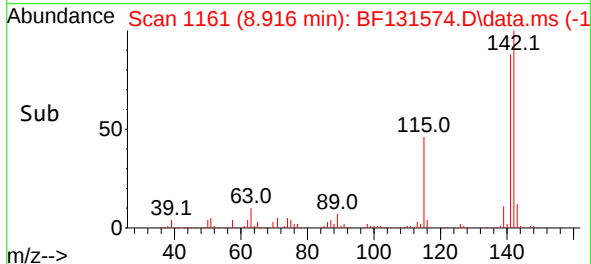
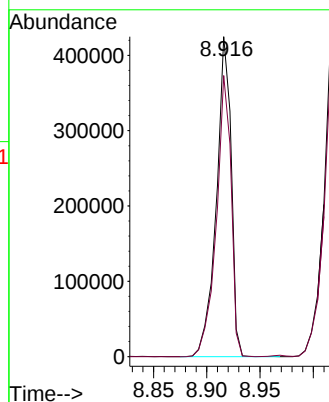
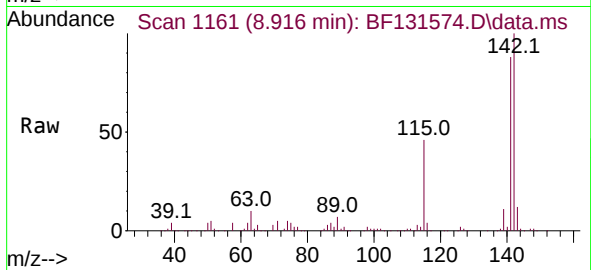
141 87.8 69.7 104.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/10/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#38

1-Methylnaphthalene

Concen: 44.987 ng

RT: 9.016 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF131574.D

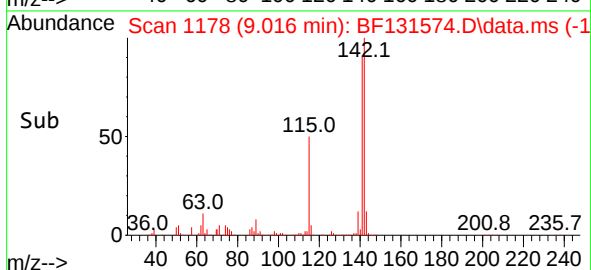
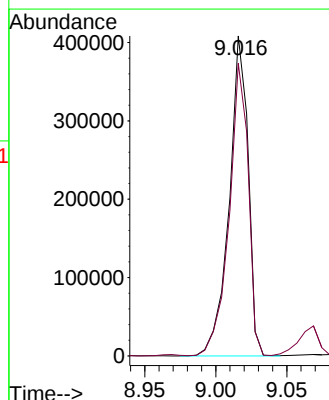
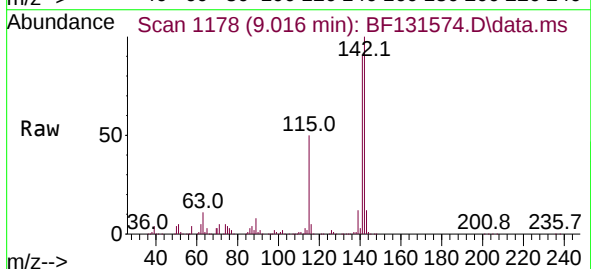
Acq: 09 Dec 2022 19:13

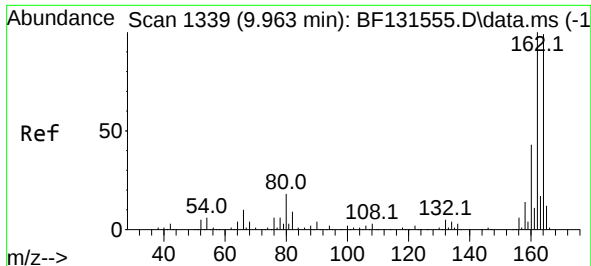
Tgt Ion:142 Resp: 379236

Ion Ratio Lower Upper

142 100

141 91.4 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: BF131574.D

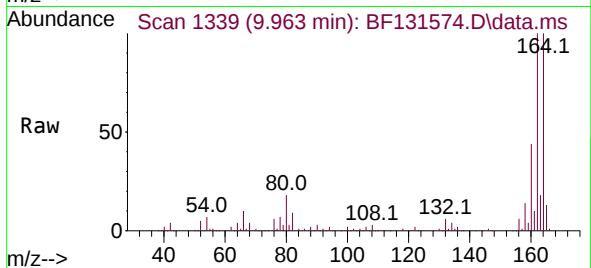
Acq: 09 Dec 2022 19:13

Instrument :

BNA_F

ClientSampleId :

NYE-SOIL-1208MSD



Tgt Ion:164 Resp: 135021

Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.6

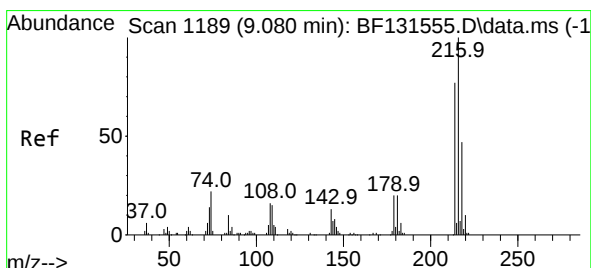
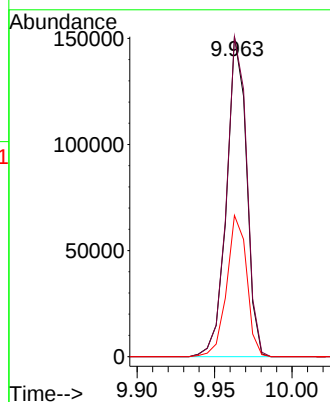
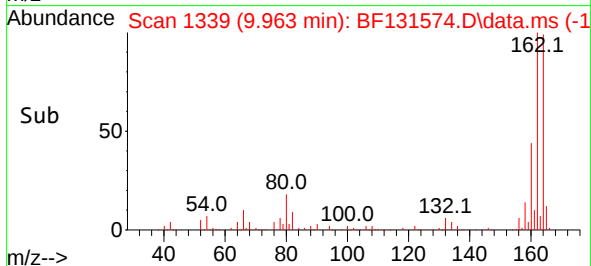
160 44.2 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/10/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.067 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF131574.D

Acq: 09 Dec 2022 19:13

Tgt Ion:216 Resp: 245244

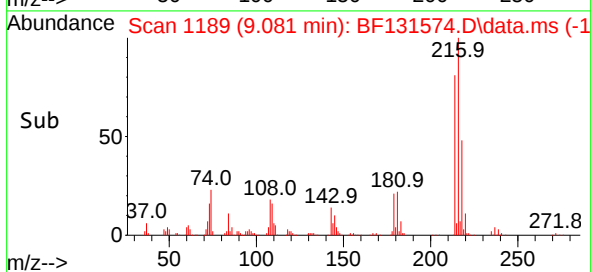
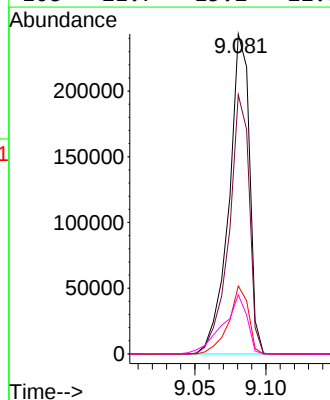
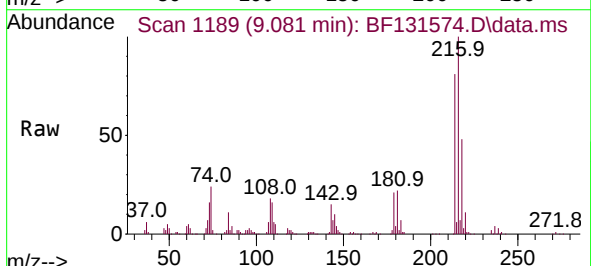
Ion Ratio Lower Upper

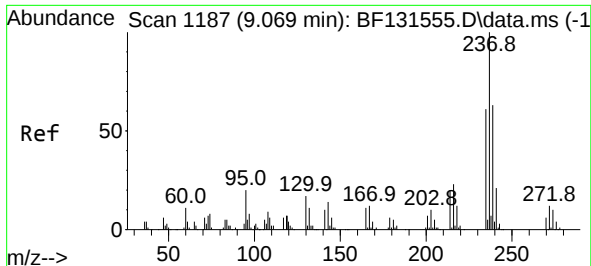
216 100

214 79.7 62.1 93.1

179 20.4 16.0 24.0

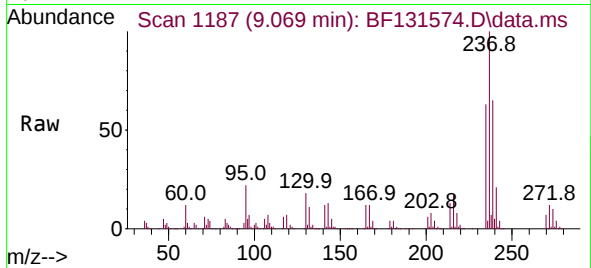
108 21.7 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 125.105 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

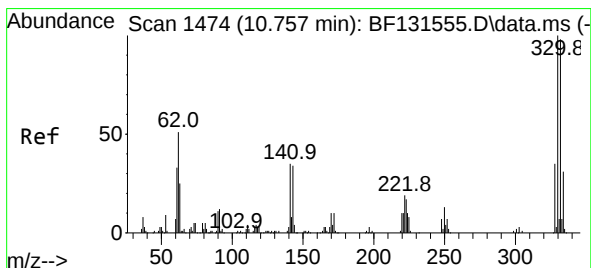
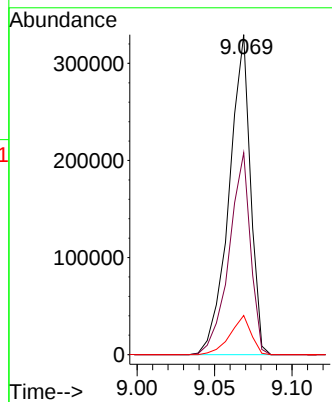
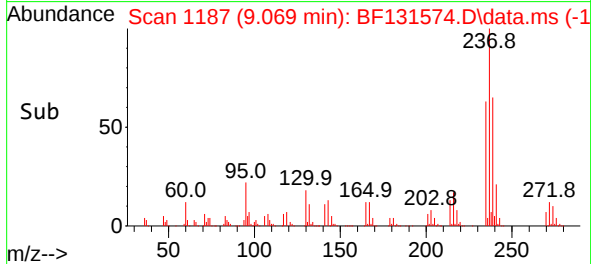
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



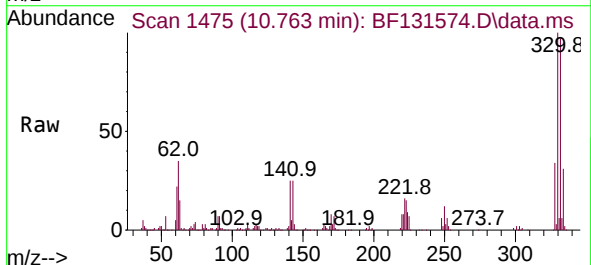
Tgt Ion: 237 Resp: 317385
Ion Ratio Lower Upper
237 100
235 63.1 40.6 80.6
272 12.2 0.0 32.2

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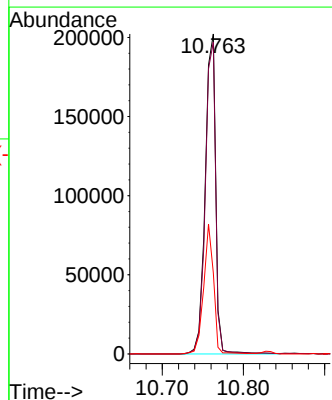
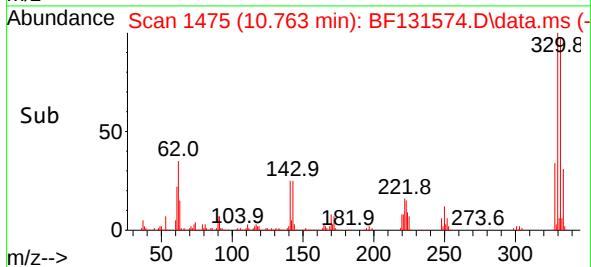
Reviewed By : Christian Giraldo 12/10/2022
Supervised By : Jagrut Upadhyay 12/12/2022

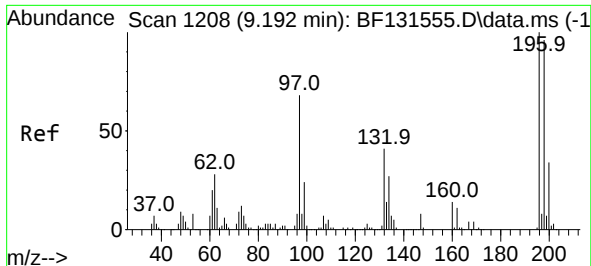


#42
2,4,6-Tribromophenol
Concen: 120.746 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



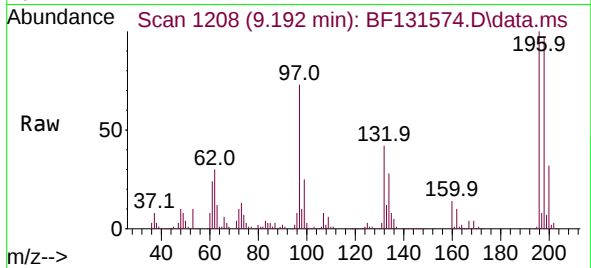
Tgt Ion: 330 Resp: 181134
Ion Ratio Lower Upper
330 100
332 96.4 78.3 117.5
141 38.3 32.6 49.0





#43
2,4,6-Trichlorophenol
Concen: 49.028 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

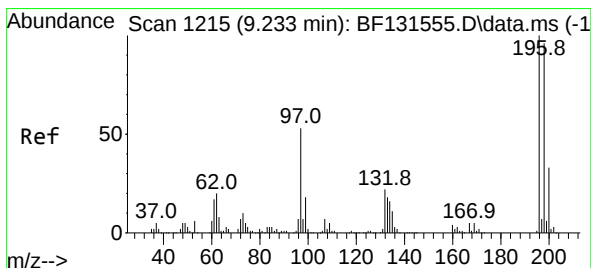
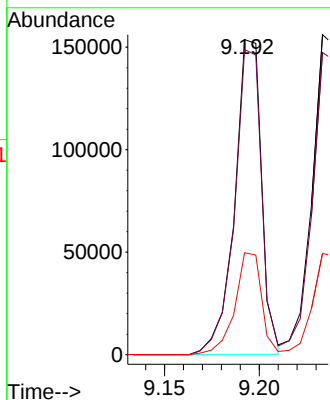
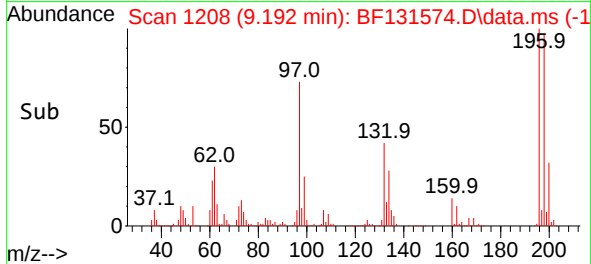
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



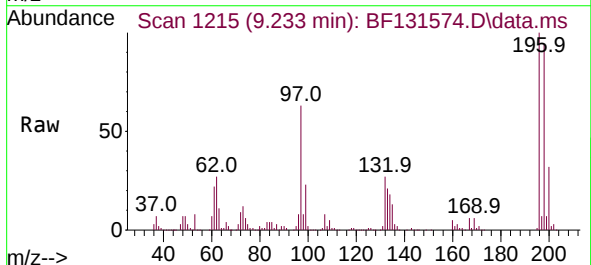
Tgt Ion:196 Resp: 151573
Ion Ratio Lower Upper
196 100
198 96.9 76.9 115.3
200 32.4 26.9 40.3

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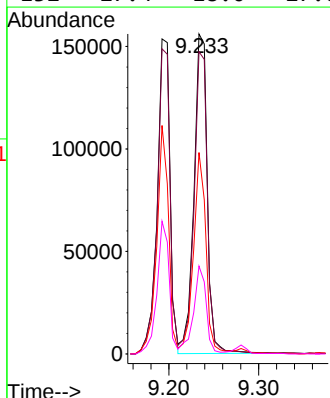
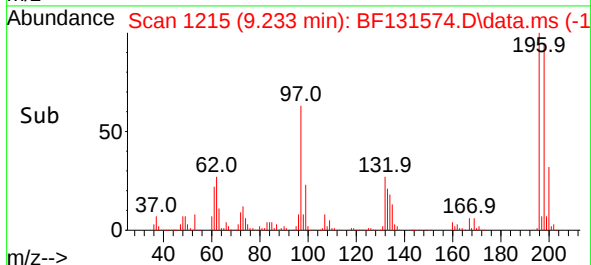
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

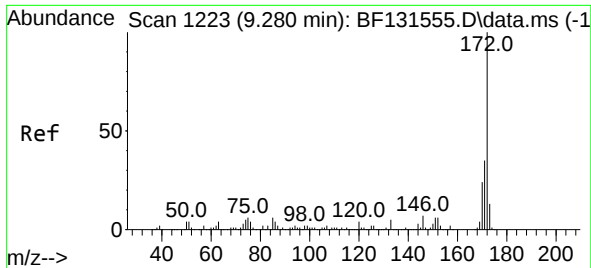


#44
2,4,5-Trichlorophenol
Concen: 48.430 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



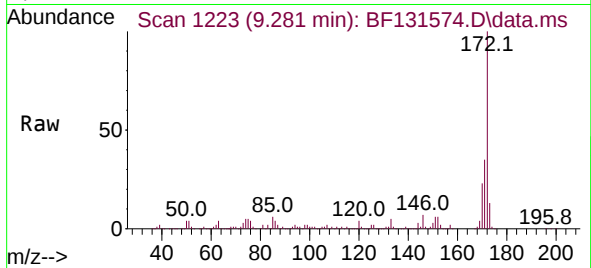
Tgt Ion:196 Resp: 161019
Ion Ratio Lower Upper
196 100
198 94.4 77.2 115.8
97 62.9 42.2 63.2
132 27.4 18.0 27.0#





#45
2-Fluorobiphenyl
Concen: 64.235 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

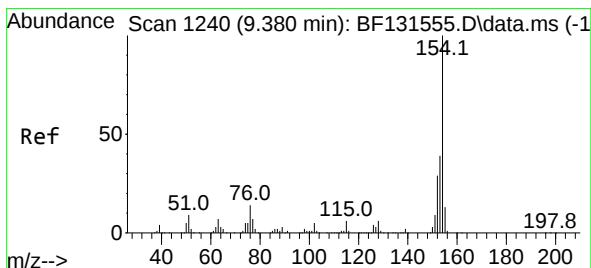
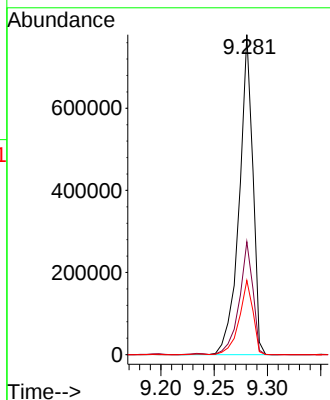
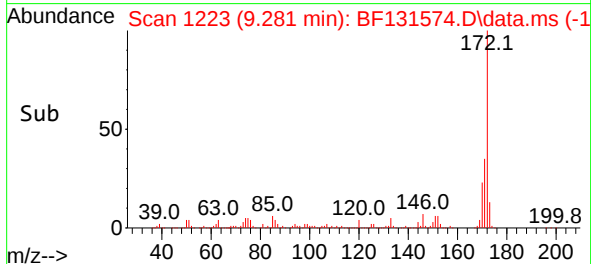
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



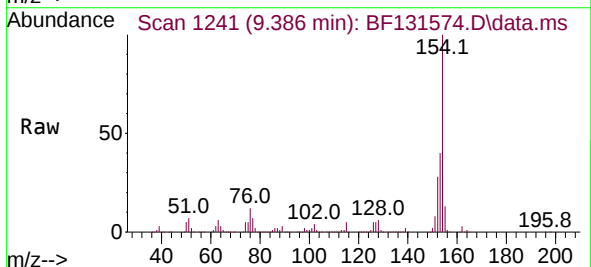
Tgt Ion:172 Resp: 687863
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.2 19.3 28.9

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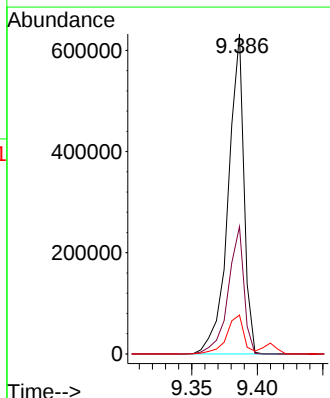
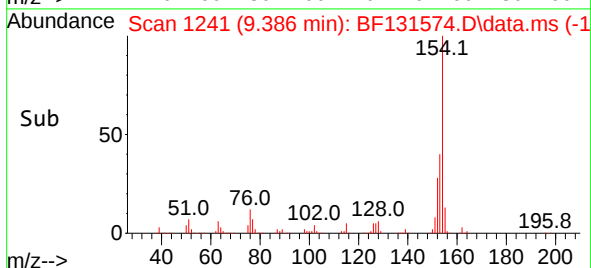
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

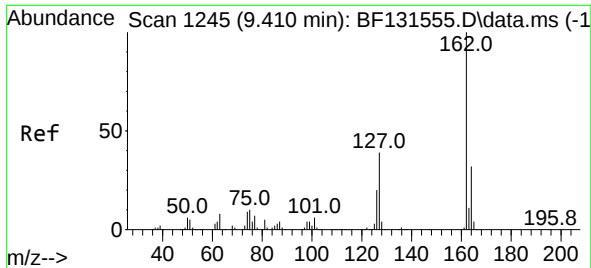


#46
1,1'-Biphenyl
Concen: 49.579 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



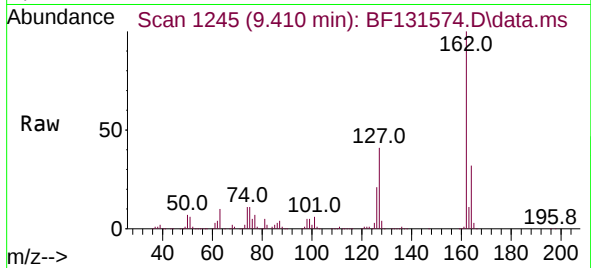
Tgt Ion:154 Resp: 529283
Ion Ratio Lower Upper
154 100
153 39.8 19.4 59.4
76 12.1 0.0 34.0





#47
2-Chloronaphthalene
Concen: 47.570 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

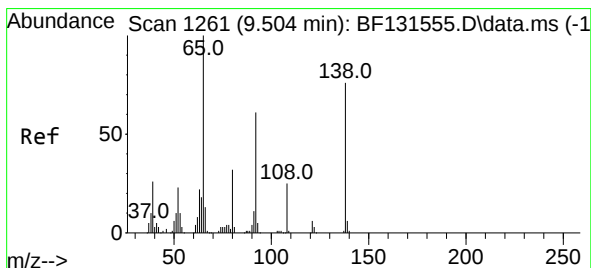
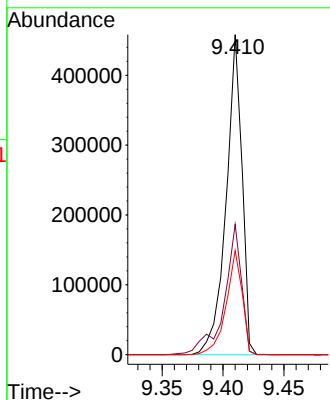
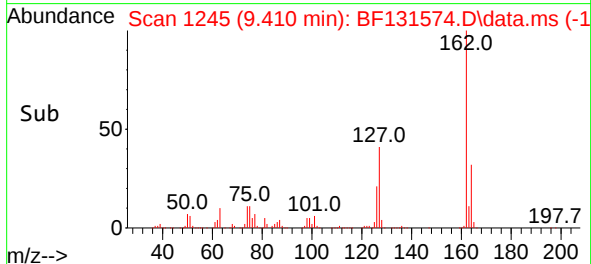
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



Tgt Ion:162 Resp: 41375
Ion Ratio Lower Upper
162 100
127 40.7 31.4 47.2
164 32.5 25.8 38.8

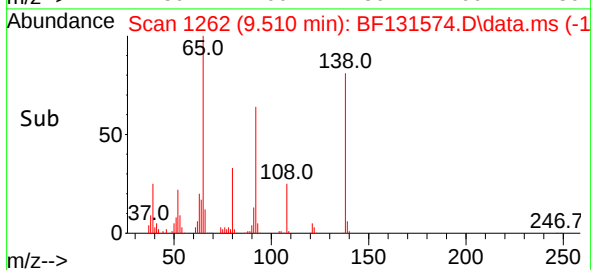
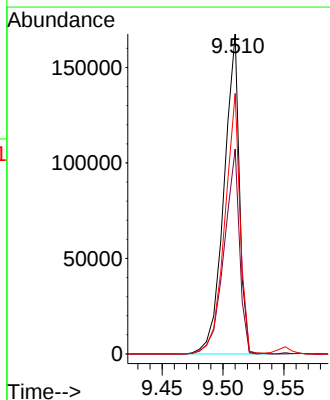
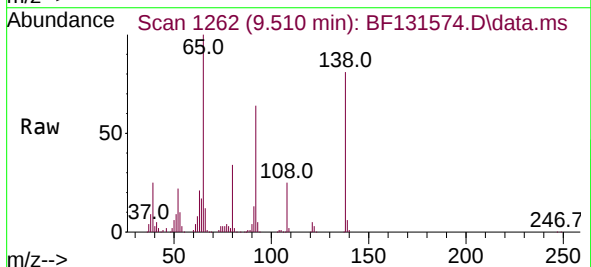
Manual Integrations
APPROVED

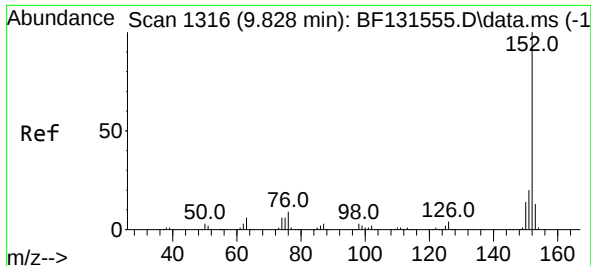
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#48
2-Nitroaniline
Concen: 48.051 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

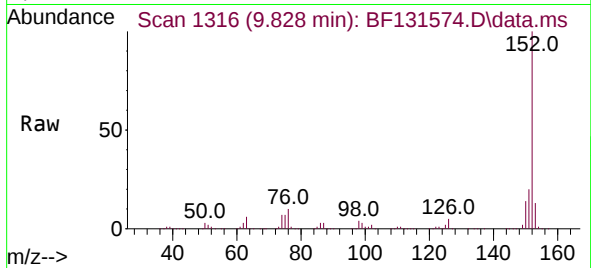
Tgt Ion: 65 Resp: 148049
Ion Ratio Lower Upper
65 100
92 64.0 49.2 73.8
138 81.4 60.7 91.1





#49
Acenaphthylene
Concen: 48.664 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

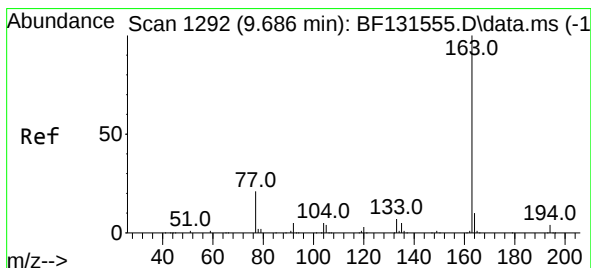
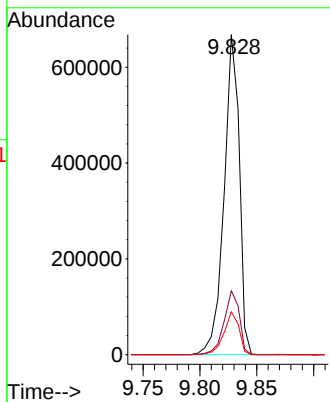
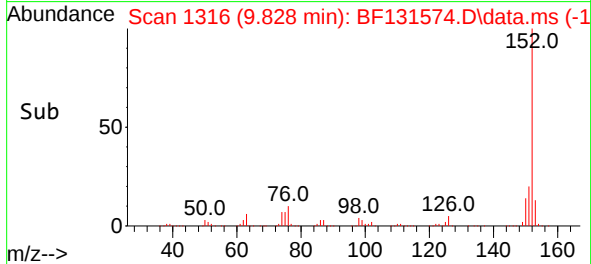
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



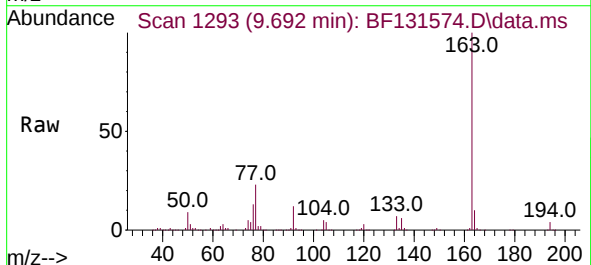
Tgt Ion:152 Resp: 621483
Ion Ratio Lower Upper
152 100
151 20.0 15.6 23.4
153 13.4 10.4 15.6

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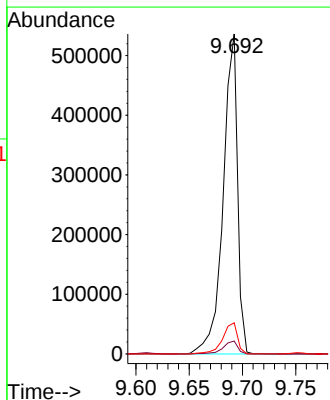
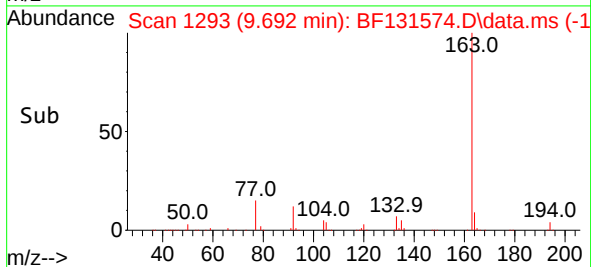
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

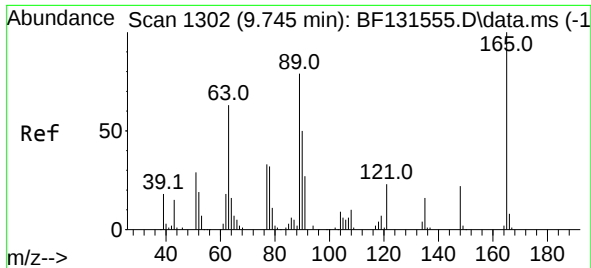


#50
Dimethylphthalate
Concen: 48.830 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



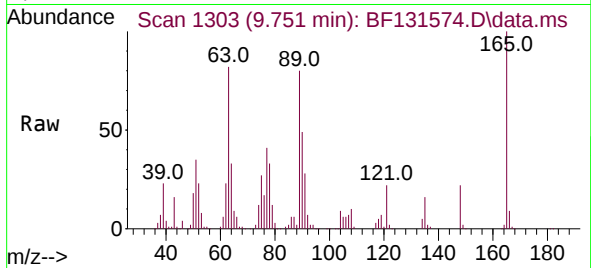
Tgt Ion:163 Resp: 502598
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.7 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 50.355 ng
RT: 9.751 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

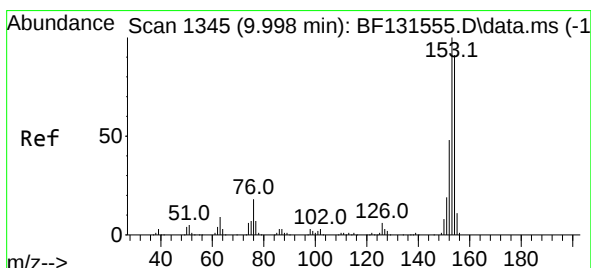
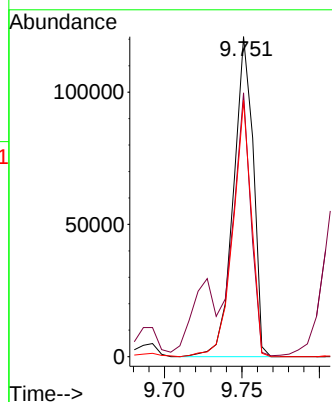
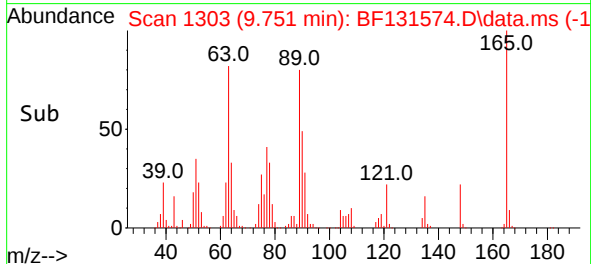
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



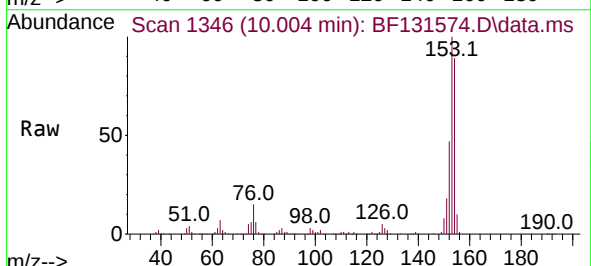
Tgt Ion:165 Resp: 107000
Ion Ratio Lower Upper
165 100
63 82.4 67.9 101.9
89 80.0 63.2 94.8

Manual Integrations
APPROVED

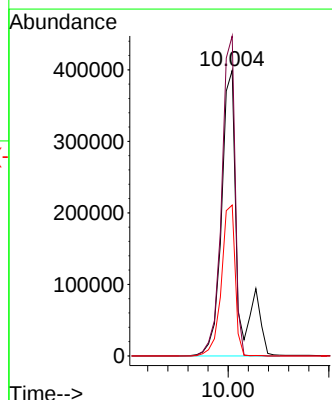
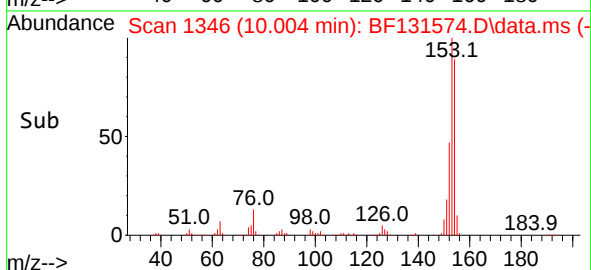
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

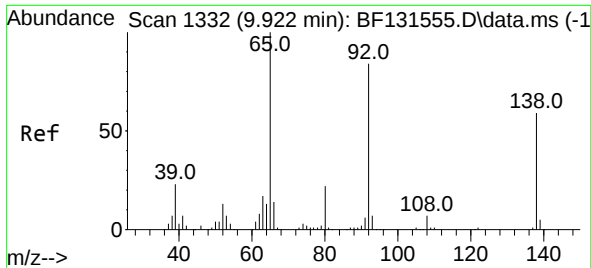


#52
Acenaphthene
Concen: 52.699 ng m
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



Tgt Ion:154 Resp: 450863
Ion Ratio Lower Upper
154 100
153 112.1 87.9 131.9
152 52.8 42.4 63.6





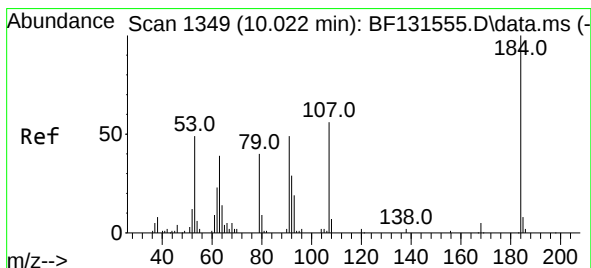
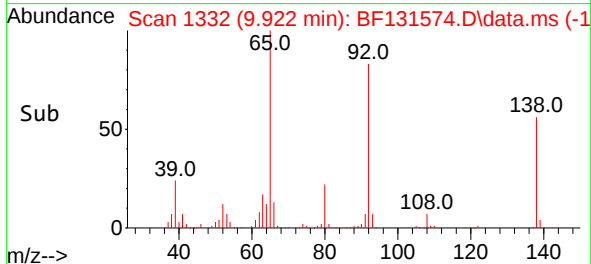
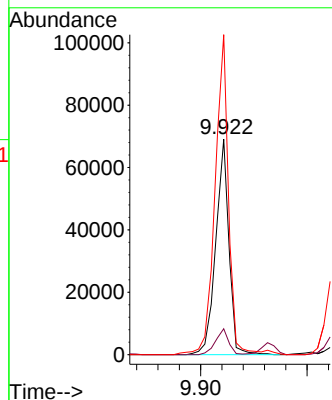
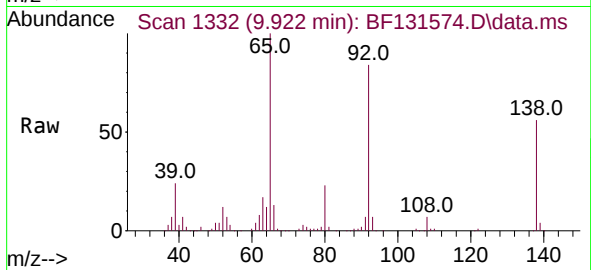
#53
3-Nitroaniline
Concen: 29.200 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD

Tgt Ion:138 Resp: 59532
Ion Ratio Lower Upper
138 100
108 12.0 9.6 14.4
92 148.5 113.4 170.0

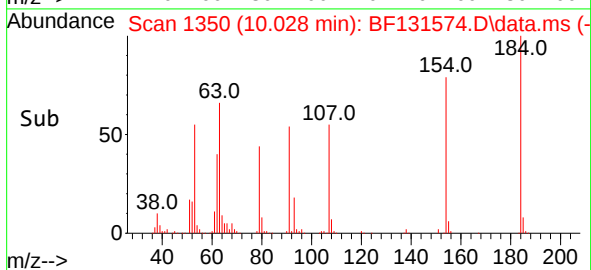
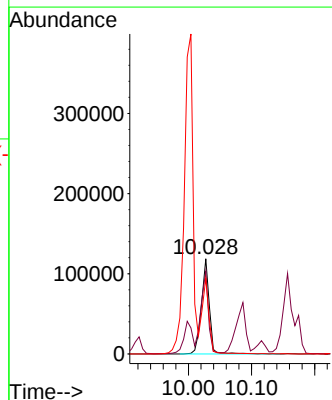
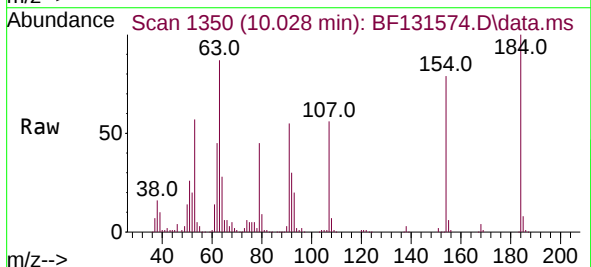
Manual Integrations
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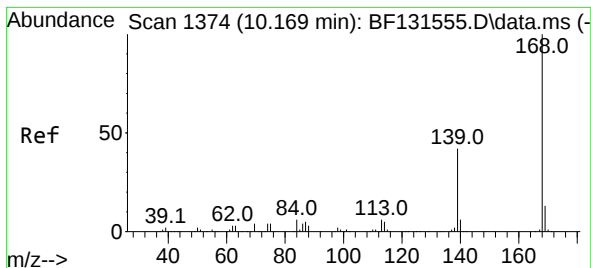
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#54
2,4-Dinitrophenol
Concen: 84.833 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

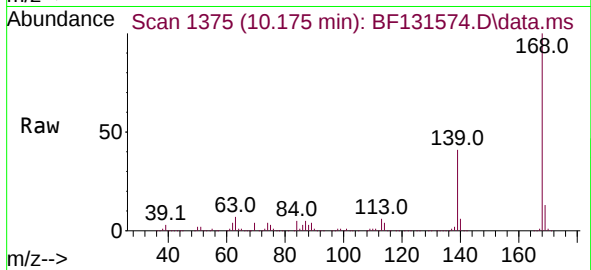
Tgt Ion:184 Resp: 103509
Ion Ratio Lower Upper
184 100
63 86.7 60.7 91.1
154 79.3 59.0 88.6





#55
Dibenzenofuran
Concen: 48.210 ng
RT: 10.175 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

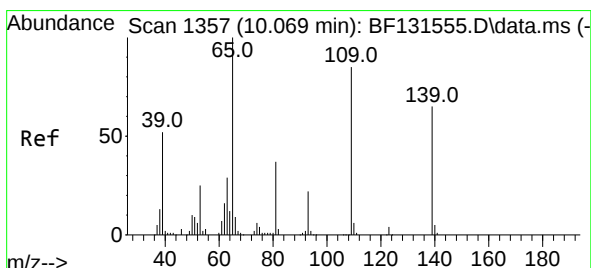
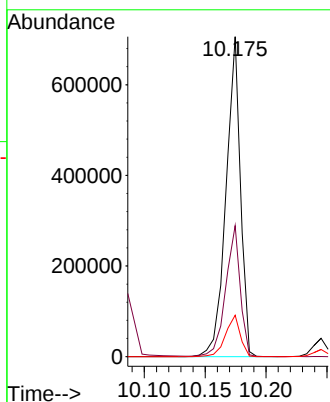
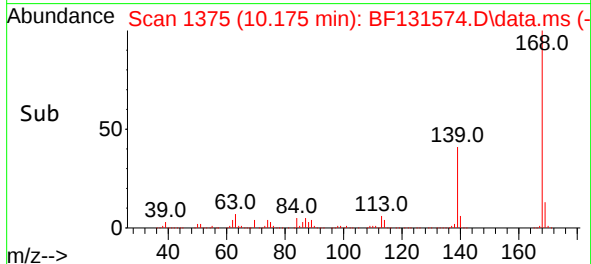
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



Tgt Ion:168 Resp: 582776
Ion Ratio Lower Upper
168 100
139 40.9 33.9 50.9
169 13.0 10.7 16.1

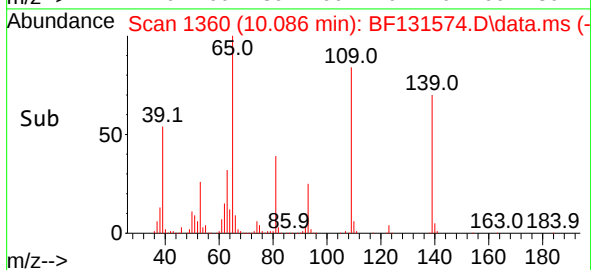
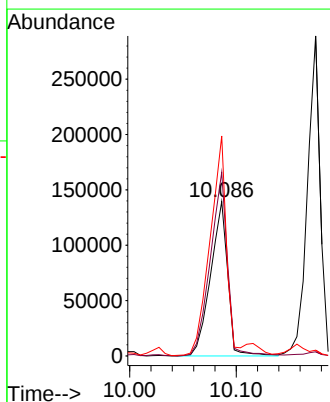
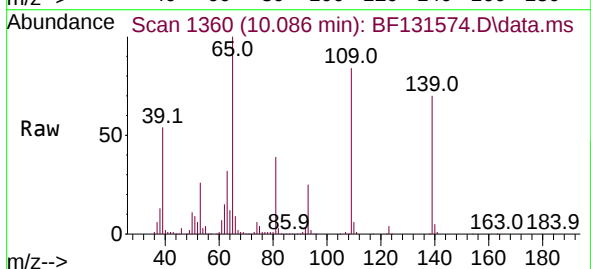
Manual Integrations
APPROVED

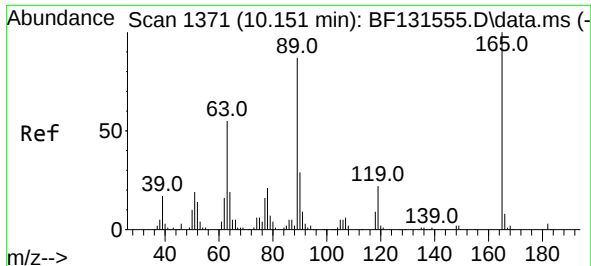
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#56
4-Nitrophenol
Concen: 109.783 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.018 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

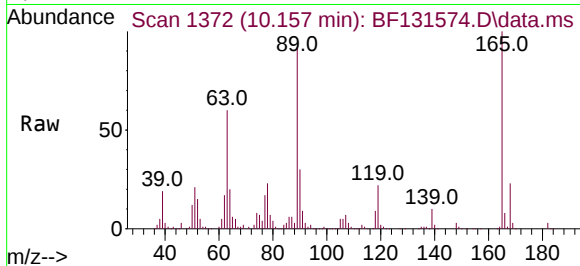
Tgt Ion:139 Resp: 155487
Ion Ratio Lower Upper
139 100
109 119.0 110.2 150.2
65 142.5 133.3 173.3





#57
2,4-Dinitrotoluene
Concen: 52.352 ng
RT: 10.157 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

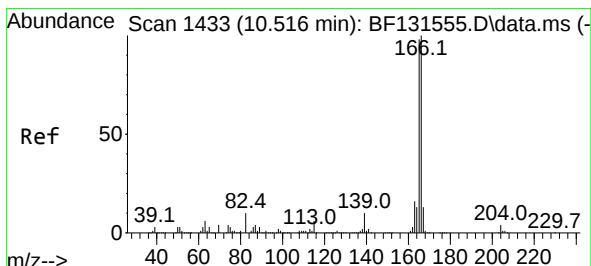
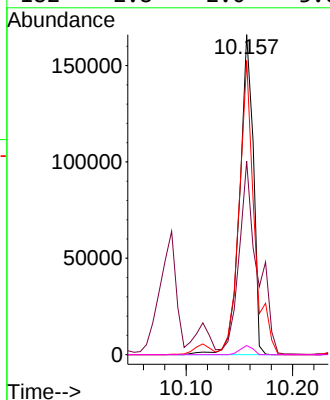
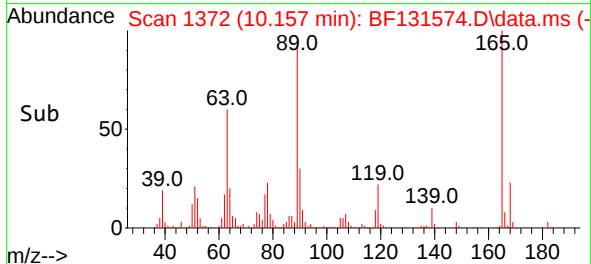
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



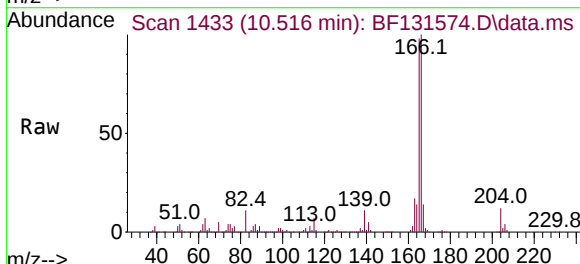
Tgt Ion:165 Resp: 147568
Ion Ratio Lower Upper
165 100
63 60.4 44.4 66.6
89 91.9 69.6 104.4
182 2.8 2.0 3.0

Manual Integrations
APPROVED

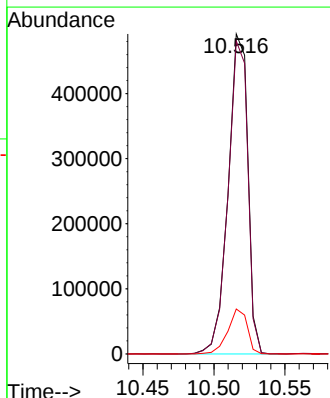
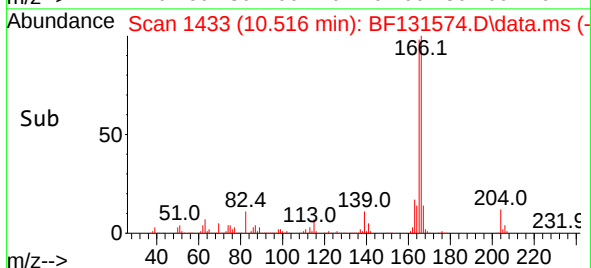
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

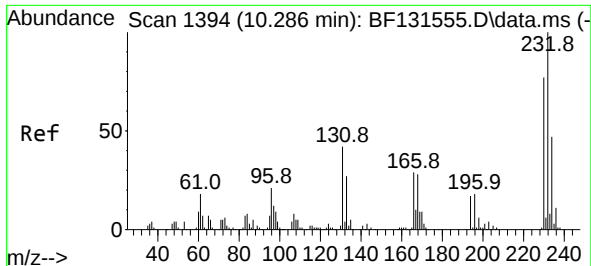


#58
Fluorene
Concen: 48.345 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



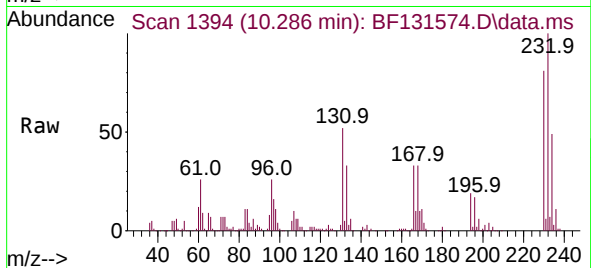
Tgt Ion:166 Resp: 475095
Ion Ratio Lower Upper
166 100
165 97.8 78.4 117.6
167 14.0 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.029 ng m
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

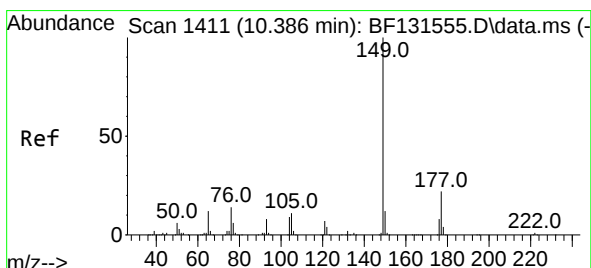
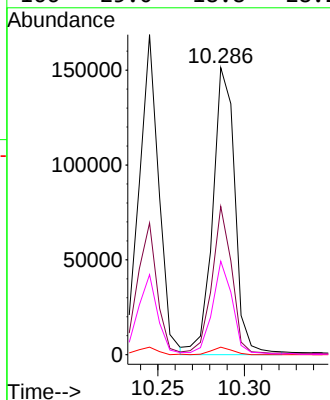
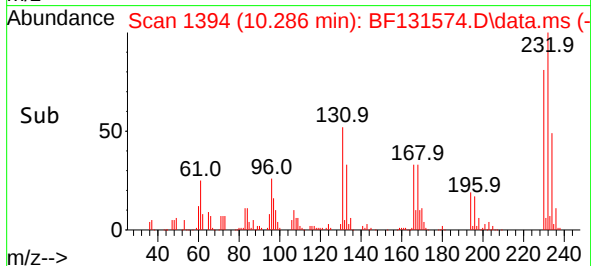
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



Tgt Ion:232 Resp: 135222
Ion Ratio Lower Upper
232 100
131 41.0 31.0 46.6
130 2.4 1.8 2.8
166 25.0 18.8 28.2

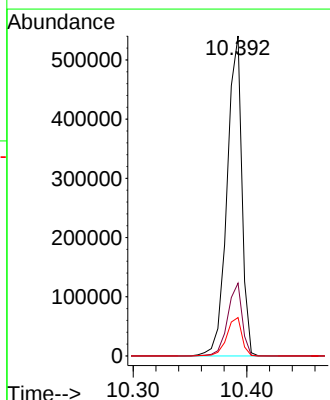
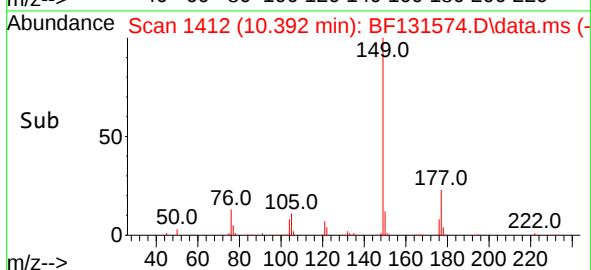
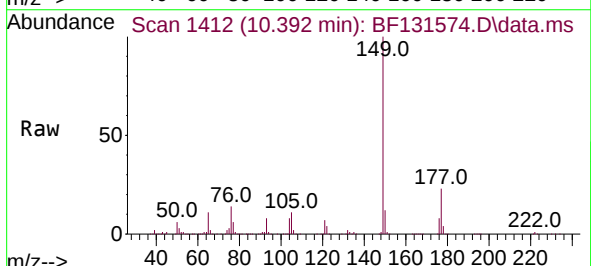
Manual Integrations
APPROVED

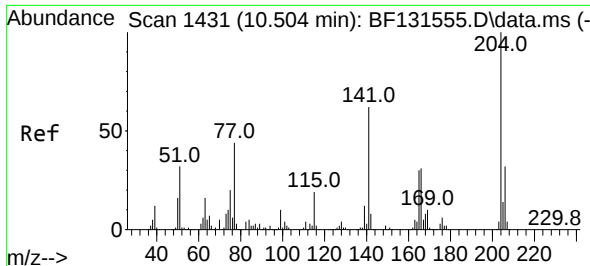
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#60
Diethylphthalate
Concen: 49.417 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

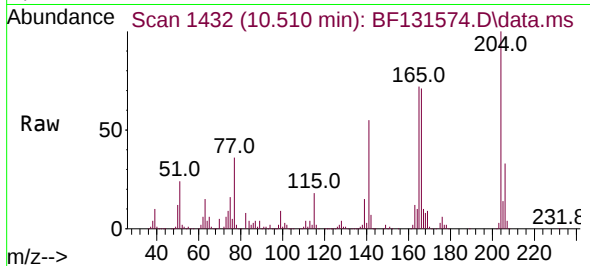
Tgt Ion:149 Resp: 488109
Ion Ratio Lower Upper
149 100
177 22.7 17.4 26.2
150 12.0 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 49.023 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

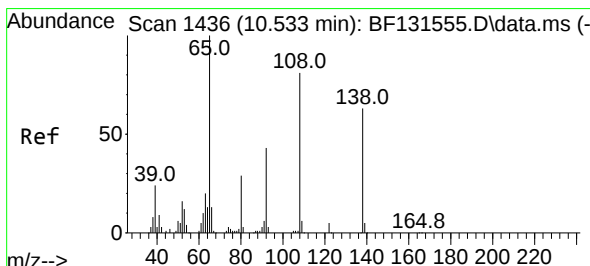
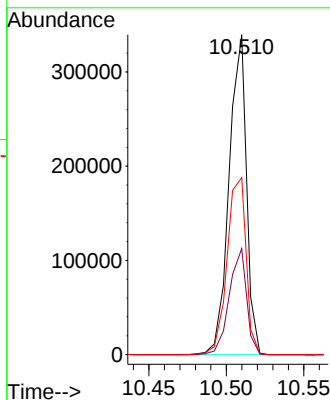
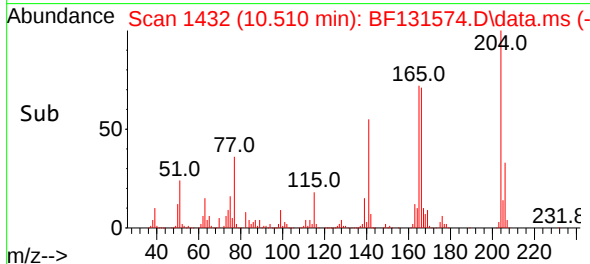
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



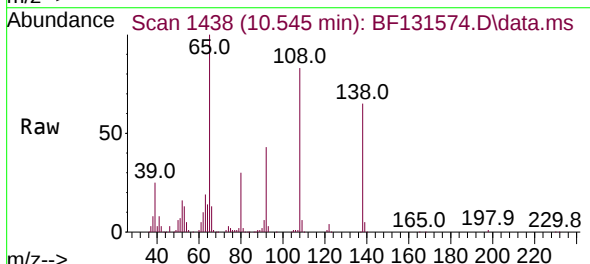
Tgt Ion:204 Resp: 266232
Ion Ratio Lower Upper
204 100
206 33.1 25.4 38.2
141 55.3 49.5 74.3

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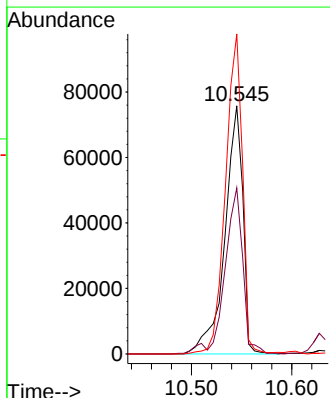
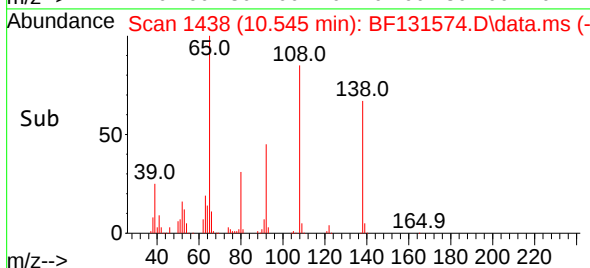
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

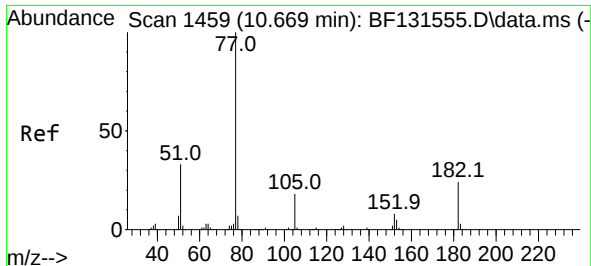


#62
4-Nitroaniline
Concen: 46.679 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.012 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



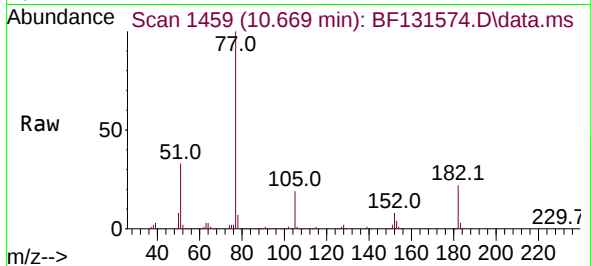
Tgt Ion:138 Resp: 94306
Ion Ratio Lower Upper
138 100
92 66.9 47.5 87.5
108 129.0 108.8 148.8





#63
Azobenzene
Concen: 47.133 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

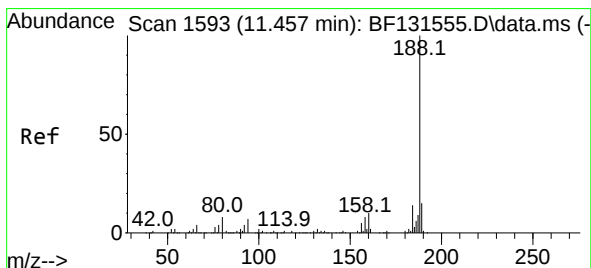
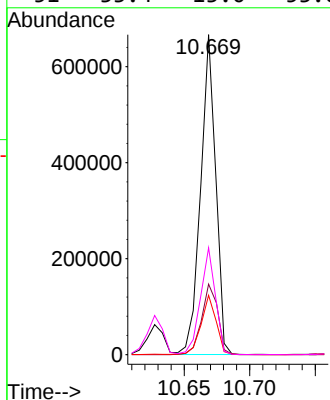
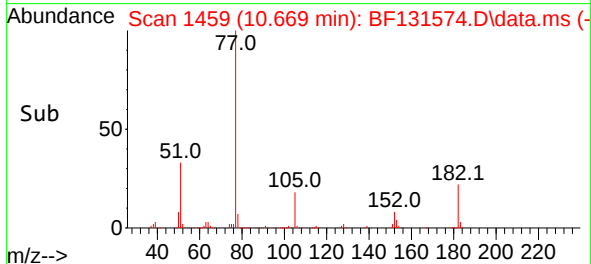
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



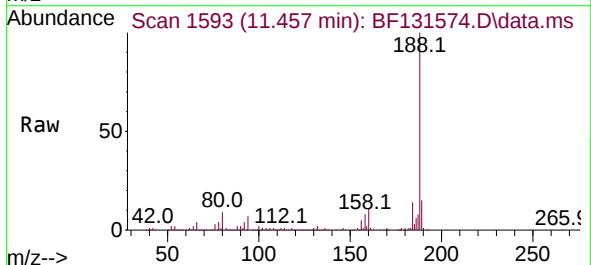
Tgt Ion: 77 Resp: 530989
Ion Ratio Lower Upper
77 100
182 22.0 3.9 43.9
105 18.5 0.0 38.3
51 33.4 13.0 53.0

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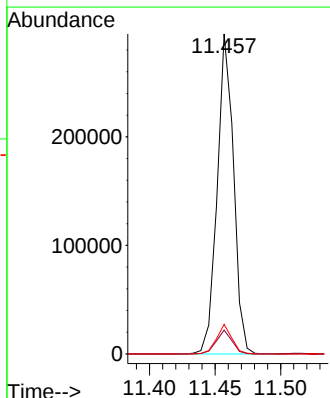
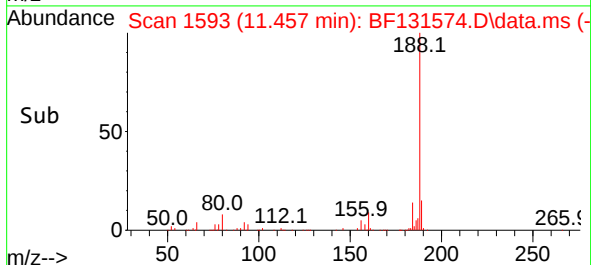
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

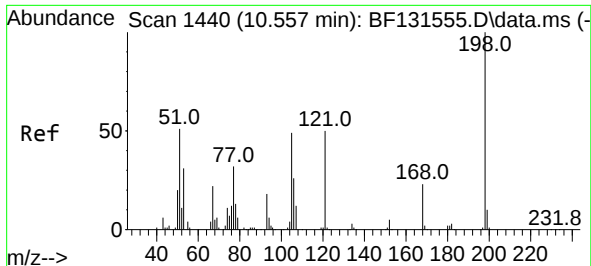


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



Tgt Ion:188 Resp: 256721
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 9.2 6.6 10.0





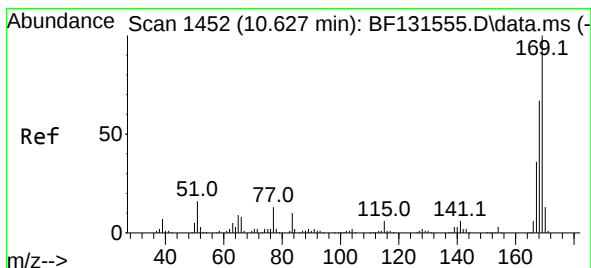
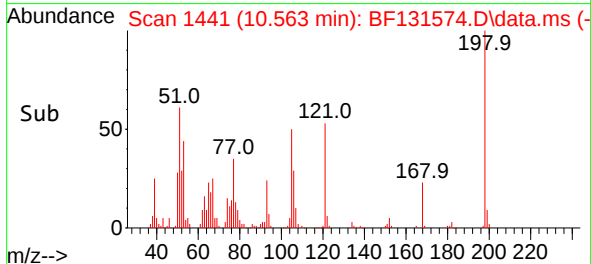
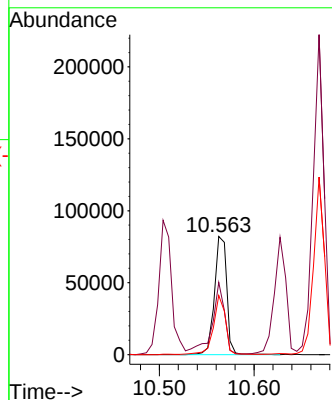
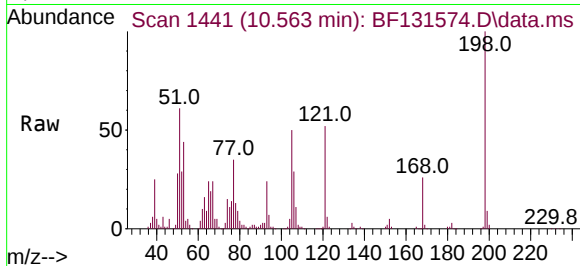
#65
4,6-Dinitro-2-methylphenol
Concen: 45.801 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD

Tgt Ion:198 Resp: 74472
Ion Ratio Lower Upper
198 100
51 61.1 36.7 76.7
105 50.0 29.9 69.9

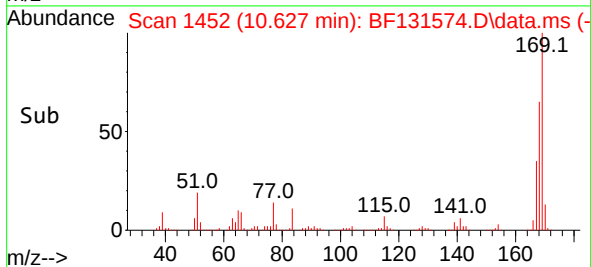
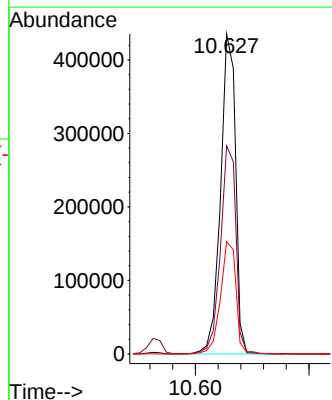
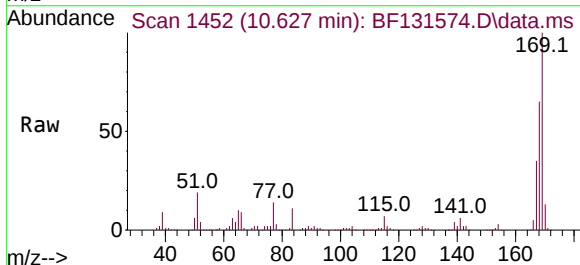
Manual Integrations
APPROVED

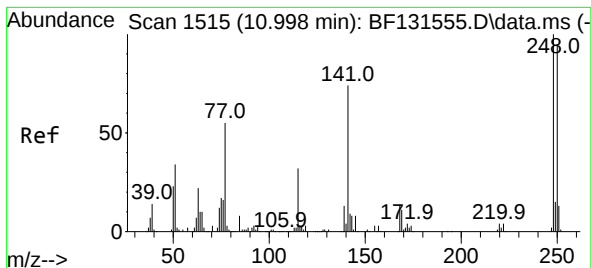
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#66
n-Nitrosodiphenylamine
Concen: 47.940 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

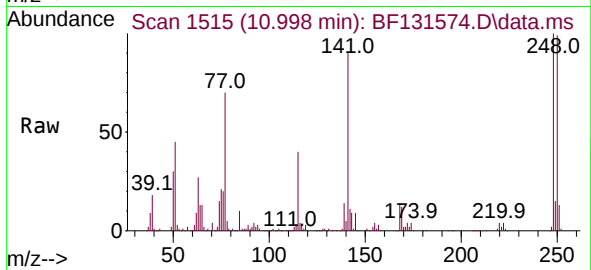
Tgt Ion:169 Resp: 397883
Ion Ratio Lower Upper
169 100
168 65.1 53.8 80.6
167 35.1 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 47.319 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

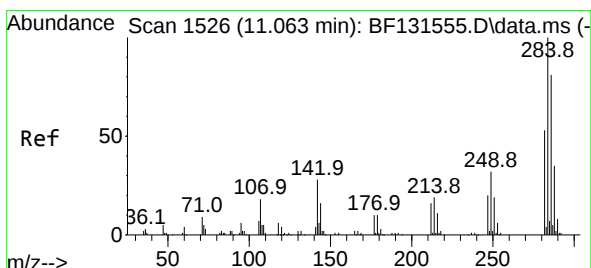
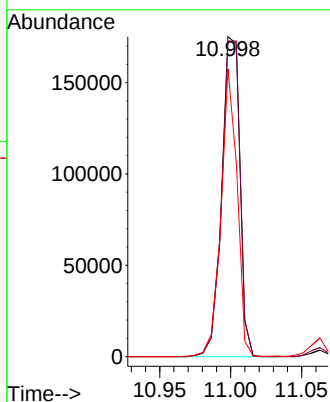
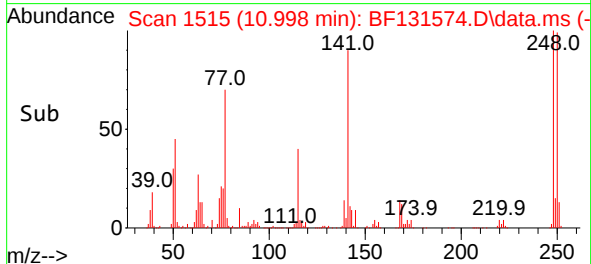
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



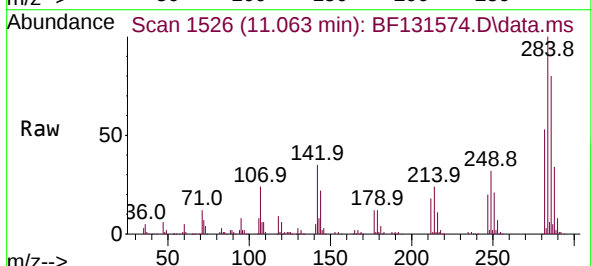
Tgt Ion:248 Resp: 15627
Ion Ratio Lower Upper
248 100
250 98.6 76.2 114.2
141 89.9 59.5 89.3

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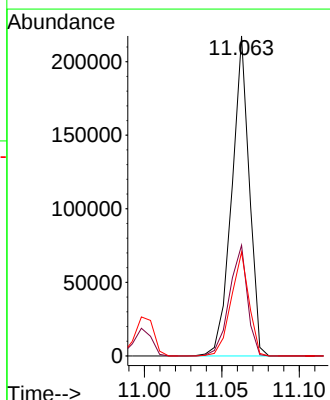
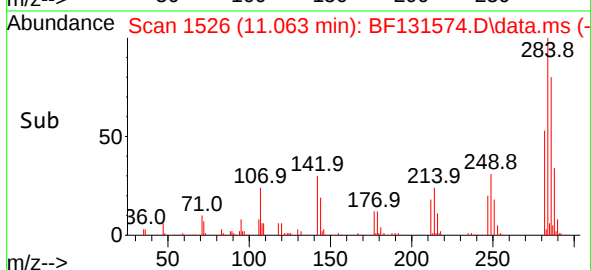
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

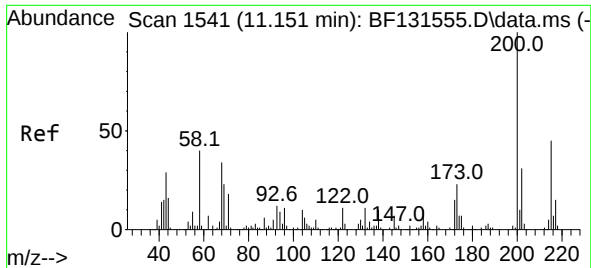


#68
Hexachlorobenzene
Concen: 47.713 ng
RT: 11.063 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



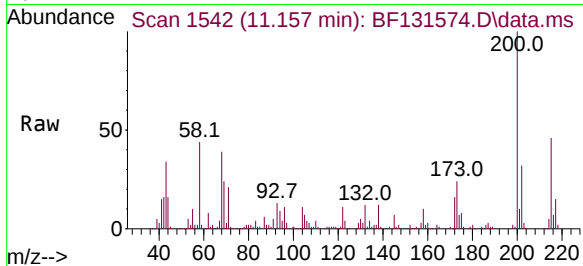
Tgt Ion:284 Resp: 170441
Ion Ratio Lower Upper
284 100
142 34.6 22.3 33.5#
249 32.4 25.4 38.2





#69
 Atrazine
 Concen: 57.564 ng
 RT: 11.157 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: BF131574.D
 Acq: 09 Dec 2022 19:13

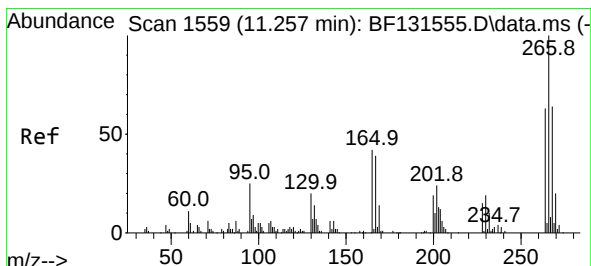
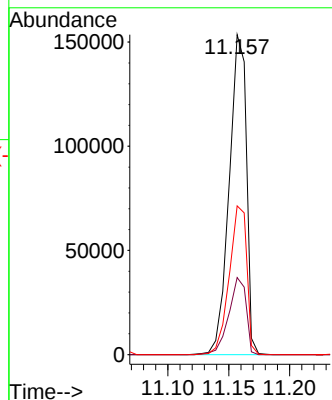
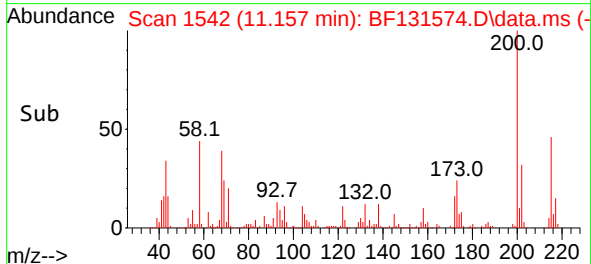
Instrument :
 BNA_F
 ClientSampleId :
 NYE-SOIL-1208MSD



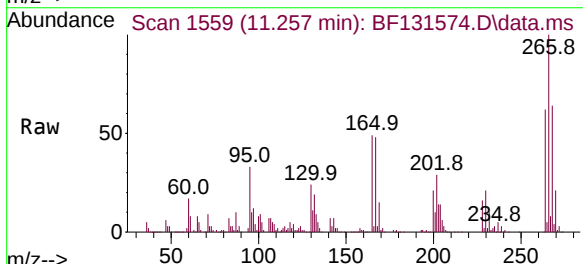
Tgt Ion:200 Resp: 151715
 Ion Ratio Lower Upper
 200 100
 173 24.1 3.4 43.4
 215 46.5 25.0 65.0

Manual Integrations
 APPROVED

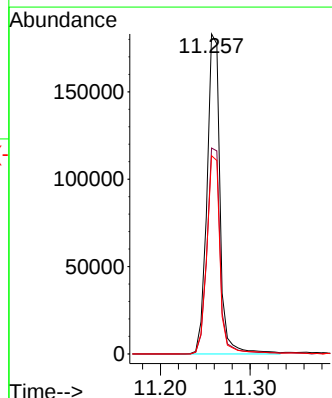
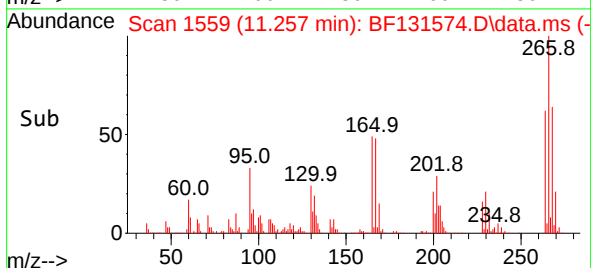
Reviewed By :Christian Giraldo 12/10/2022
 Supervised By :Jagrut Upadhyay 12/12/2022

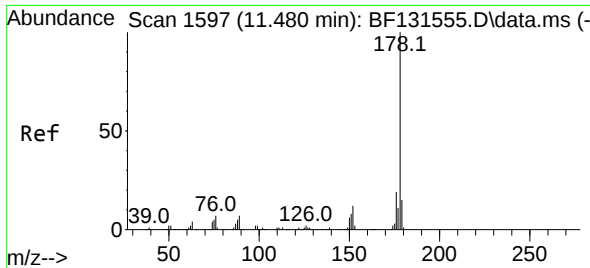


#70
 Pentachlorophenol
 Concen: 100.378 ng
 RT: 11.257 min Scan# 1559
 Delta R.T. -0.000 min
 Lab File: BF131574.D
 Acq: 09 Dec 2022 19:13



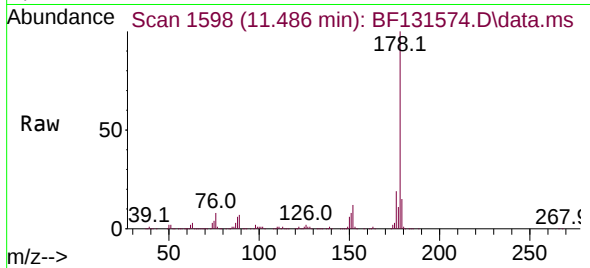
Tgt Ion:266 Resp: 184597
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.5 77.3
 264 61.9 50.7 76.1





#71
Phenanthrene
Concen: 46.513 ng
RT: 11.486 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

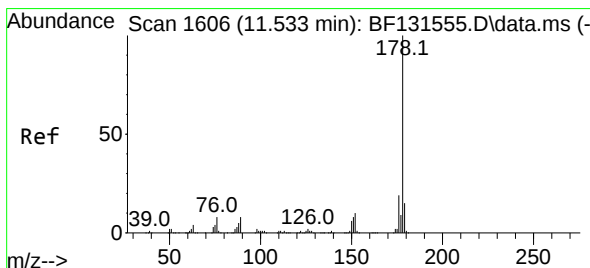
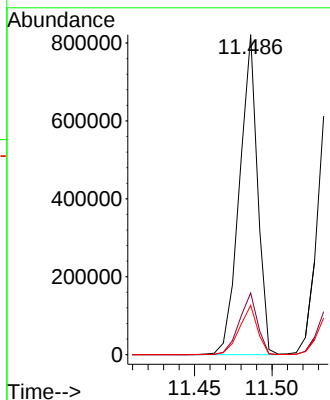
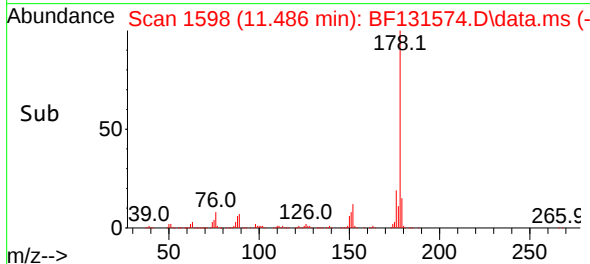
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



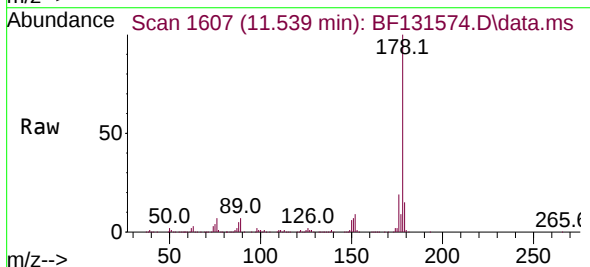
Tgt Ion:178 Resp: 665573
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.2 18.4

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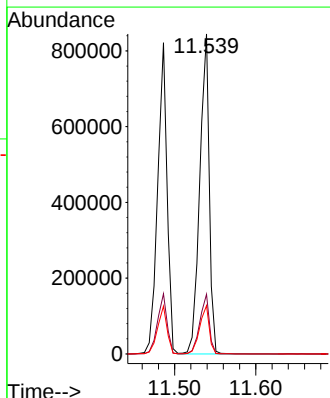
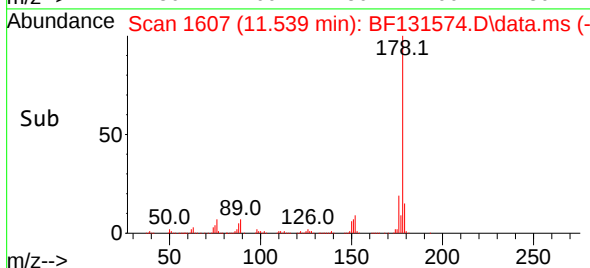
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

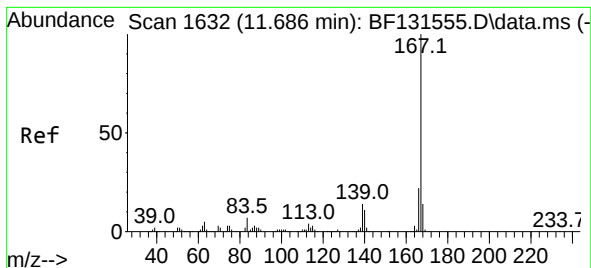


#72
Anthracene
Concen: 49.138 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



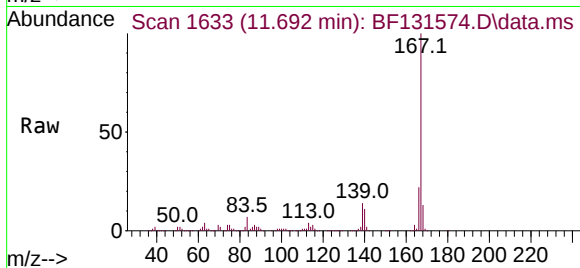
Tgt Ion:178 Resp: 684087
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.1 12.3 18.5





#73
 Carbazole
 Concen: 49.815 ng
 RT: 11.692 min Scan# 1633
 Delta R.T. 0.006 min
 Lab File: BF131574.D
 Acq: 09 Dec 2022 19:13

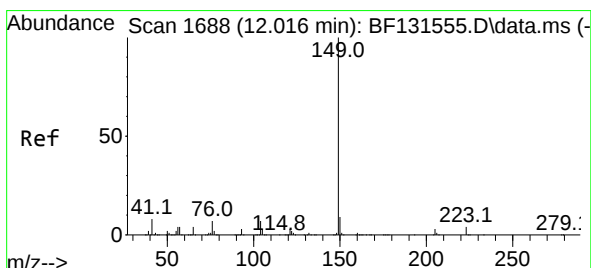
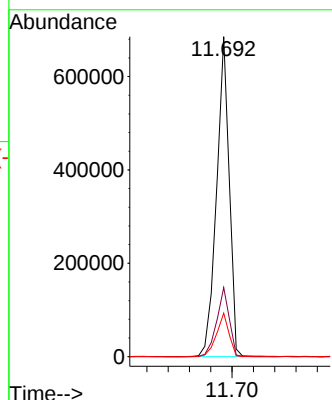
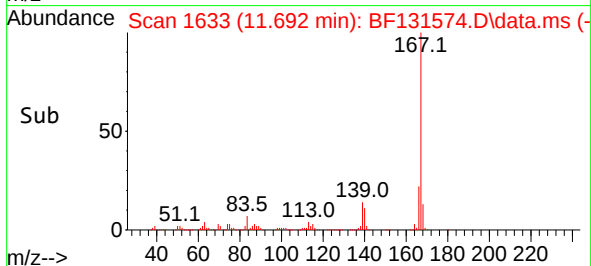
Instrument :
 BNA_F
 ClientSampleId :
 NYE-SOIL-1208MSD



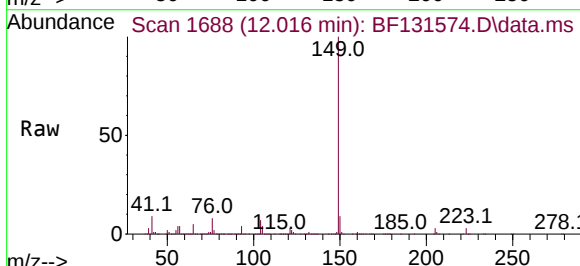
Tgt Ion:167 Resp: 566070
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.6 11.0 16.4

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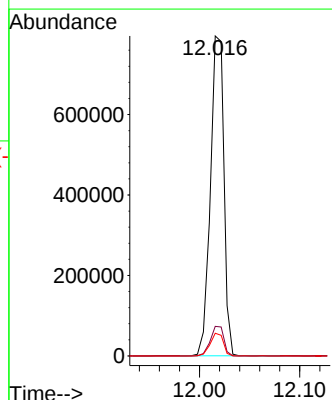
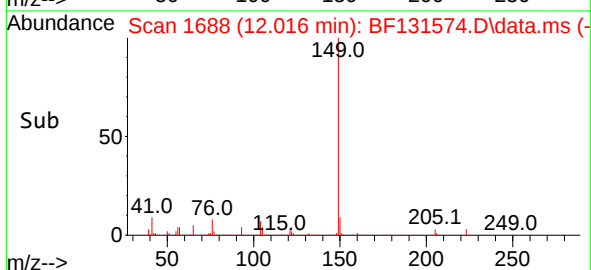
Reviewed By :Christian Giraldo 12/10/2022
 Supervised By :Jagrut Upadhyay 12/12/2022

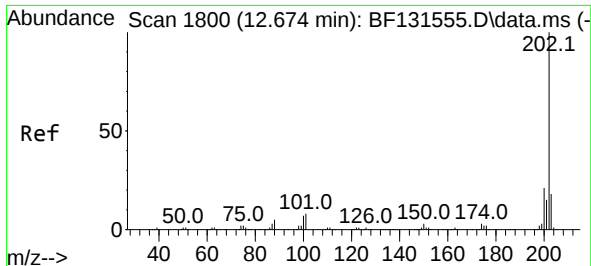


#74
 Di-n-butylphthalate
 Concen: 53.197 ng
 RT: 12.016 min Scan# 1688
 Delta R.T. 0.000 min
 Lab File: BF131574.D
 Acq: 09 Dec 2022 19:13



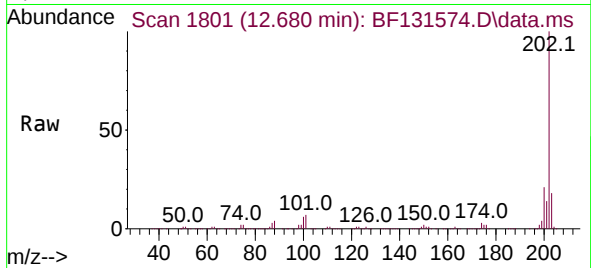
Tgt Ion:149 Resp: 741610
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 7.1 5.2 7.8





#75
Fluoranthene
Concen: 48.890 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

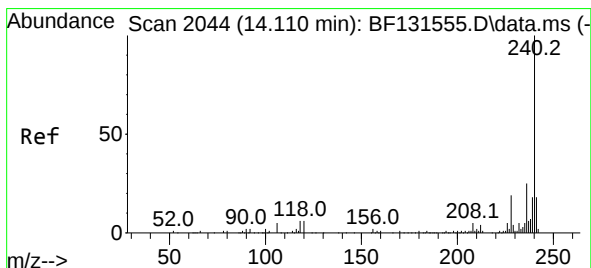
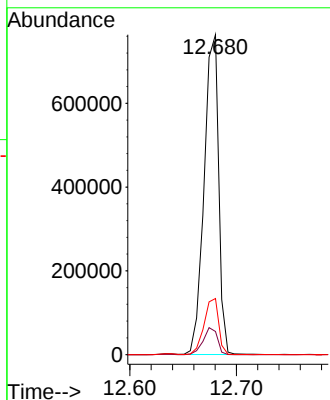
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



Tgt Ion:202 Resp: 720388
Ion Ratio Lower Upper
202 100
101 7.3 0.0 27.7
203 17.5 0.0 37.7

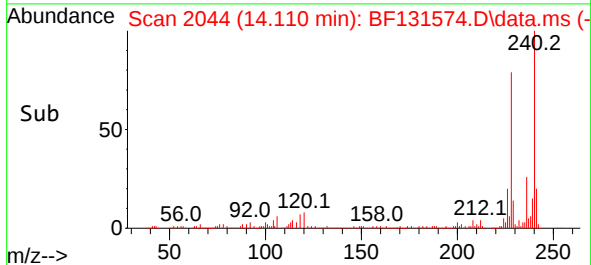
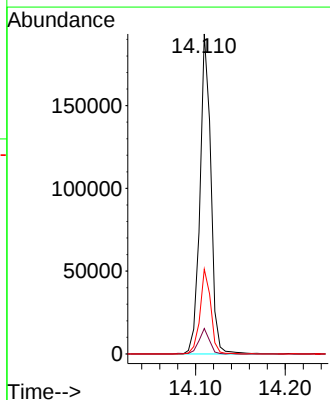
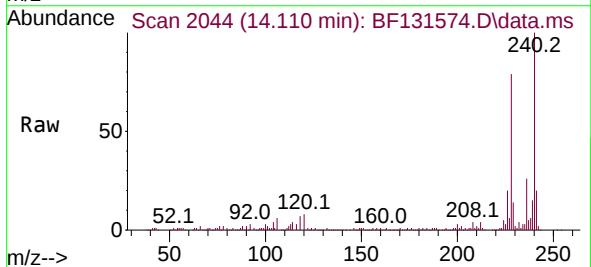
Manual Integrations
APPROVED

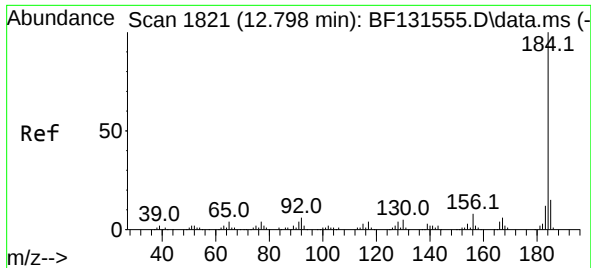
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

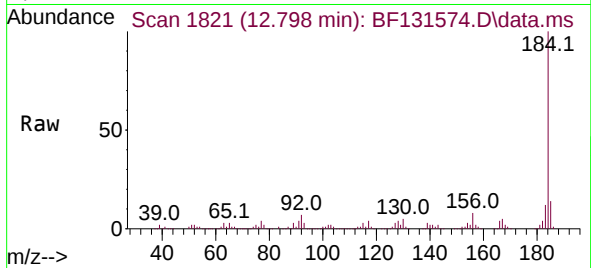
Tgt Ion:240 Resp: 162633
Ion Ratio Lower Upper
240 100
120 7.9 4.6 7.0#
236 26.5 20.2 30.2





#77
Benzidine
Concen: 62.969 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

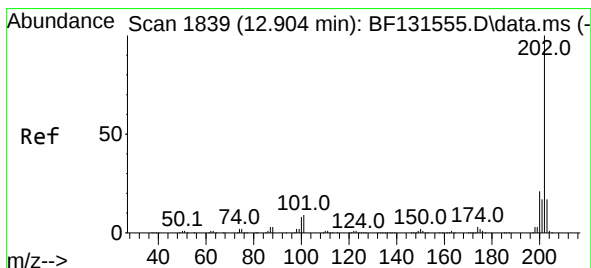
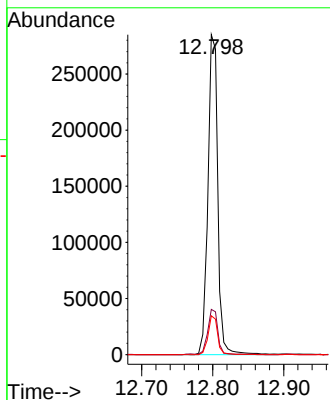
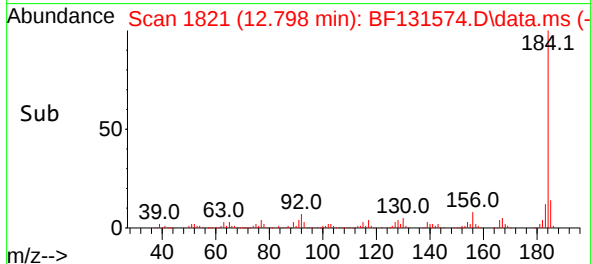
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



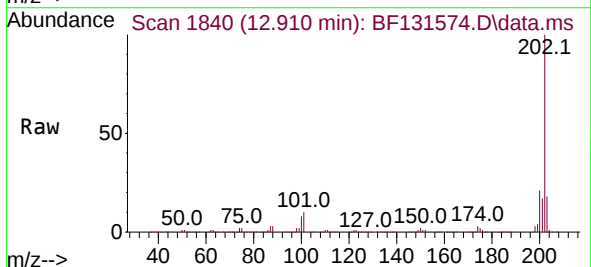
Tgt Ion:184 Resp: 274392
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 12.1 9.3 13.9

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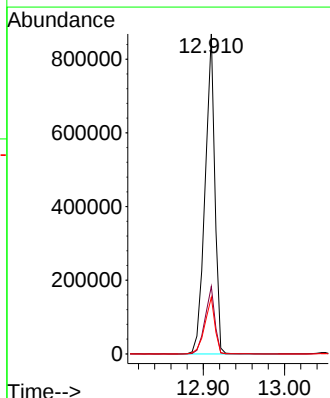
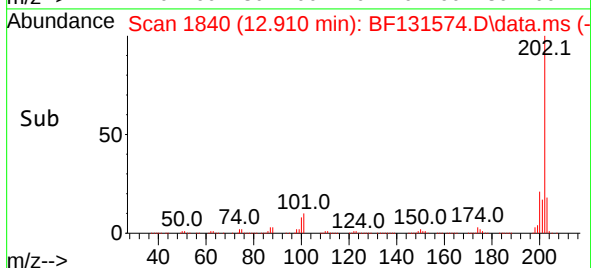
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

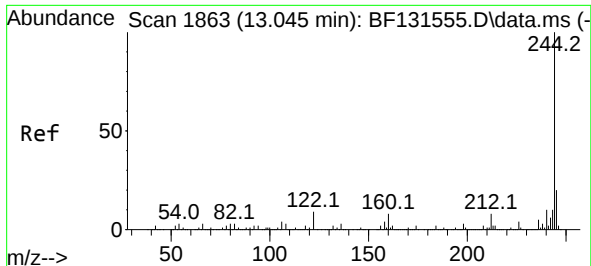


#78
Pyrene
Concen: 45.408 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



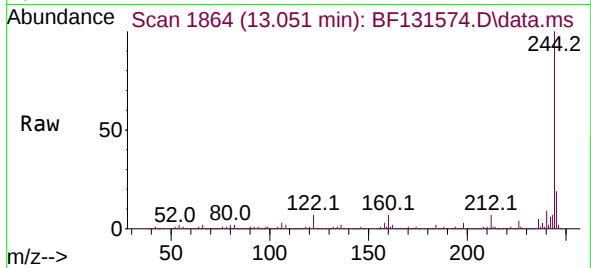
Tgt Ion:202 Resp: 728179
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.7 13.8 20.6





#79
Terphenyl-d14
Concen: 65.502 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

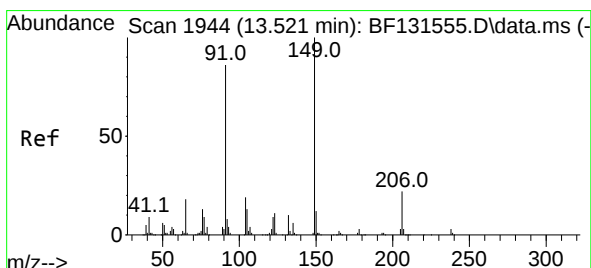
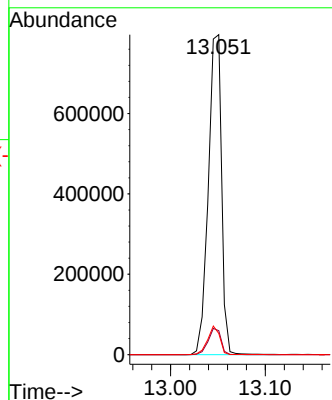
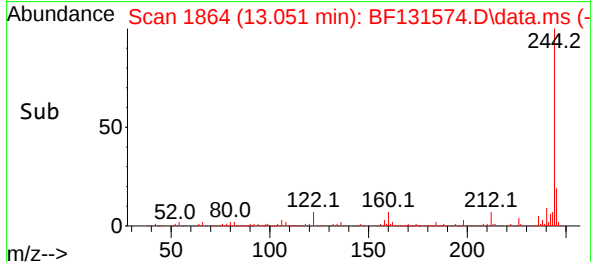
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



Tgt Ion:244 Resp: 776781
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 6.6 7.1 10.7

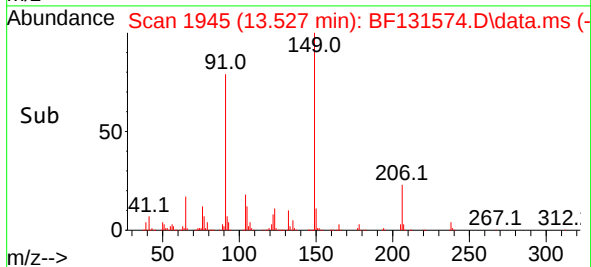
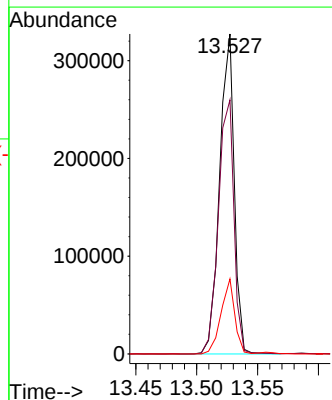
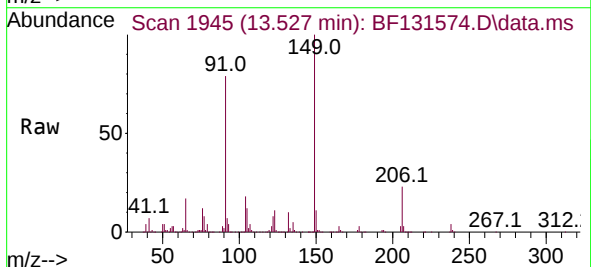
Manual Integrations
APPROVED

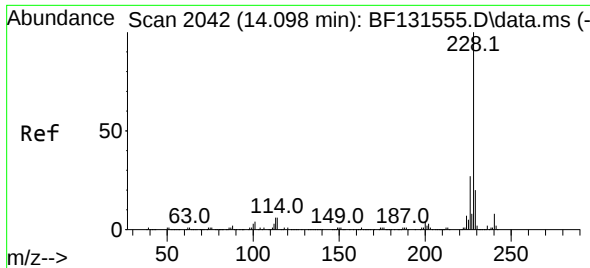
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#80
Butylbenzylphthalate
Concen: 59.027 ng
RT: 13.527 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

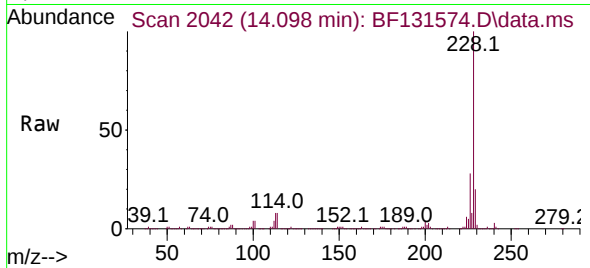
Tgt Ion:149 Resp: 273937
Ion Ratio Lower Upper
149 100
91 79.4 69.0 103.4
206 23.4 17.8 26.8





#81
Benzo(a)anthracene
Concen: 48.807 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

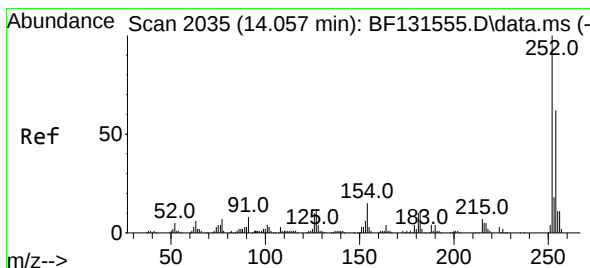
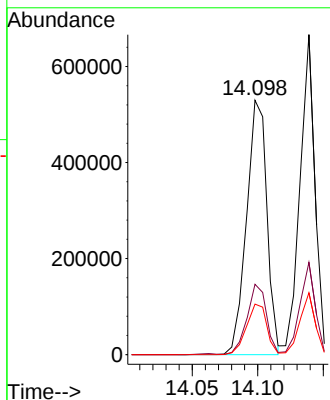
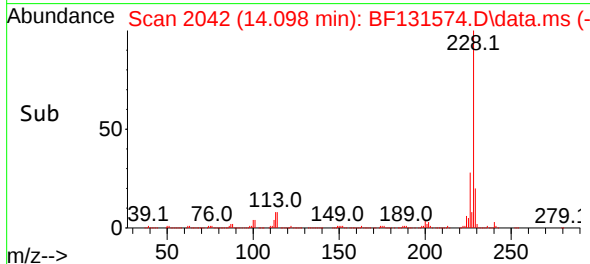
Instrument :
BNA_F
ClientSampleId :
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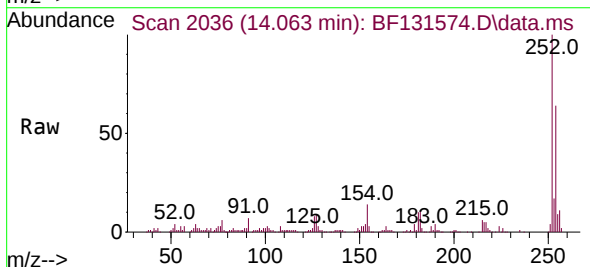
Tgt Ion:228 Resp: 573225
Ion Ratio Lower Upper
228 100
226 27.6 21.5 32.3
229 19.9 15.8 23.6

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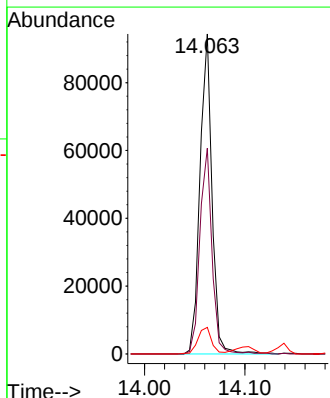
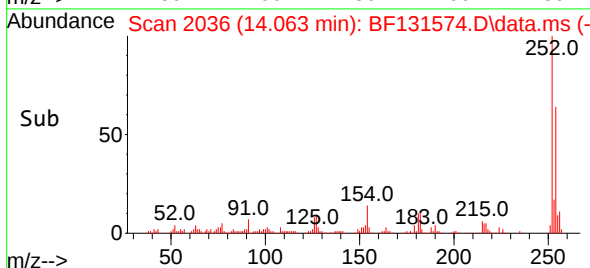
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

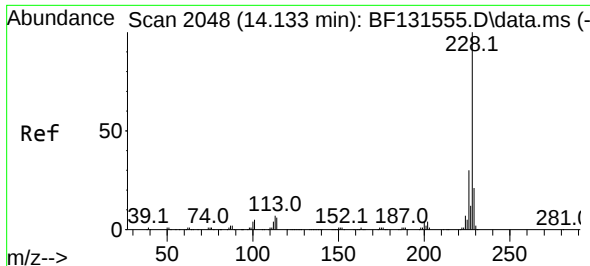


#82
3,3'-Dichlorobenzidine
Concen: 23.419 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



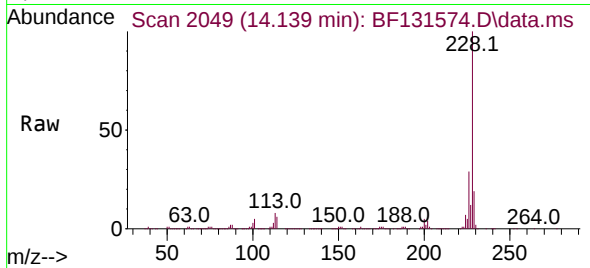
Tgt Ion:252 Resp: 78257
Ion Ratio Lower Upper
252 100
254 64.3 49.6 74.4
126 8.3 7.9 11.9





#83
Chrysene
Concen: 48.369 ng
RT: 14.139 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

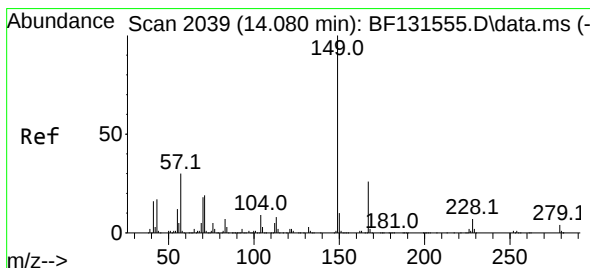
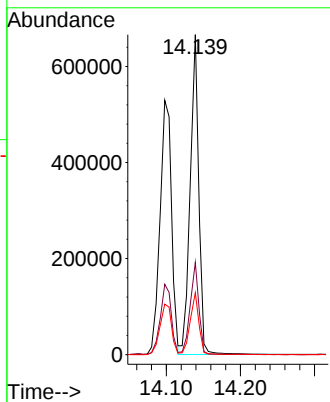
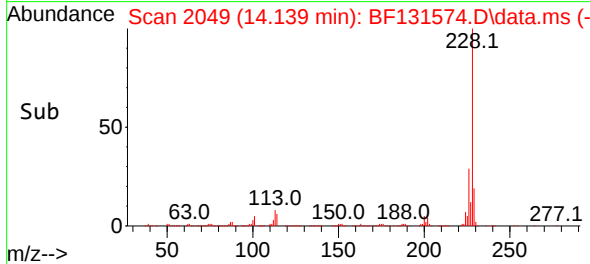
Instrument :
BNA_F
ClientSampleId :
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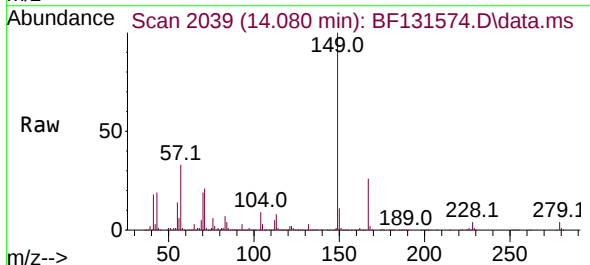
Tgt Ion:228 Resp: 540072
Ion Ratio Lower Upper
228 100
226 28.8 23.9 35.9
229 19.3 16.7 25.1

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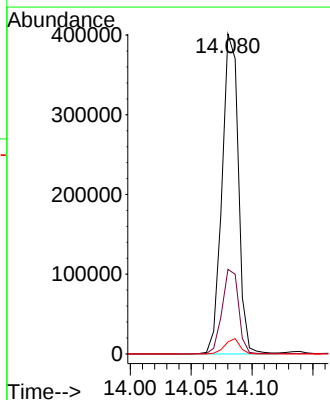
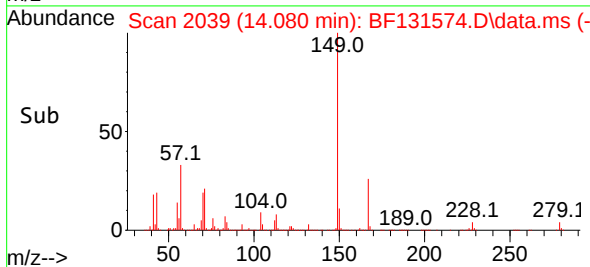
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

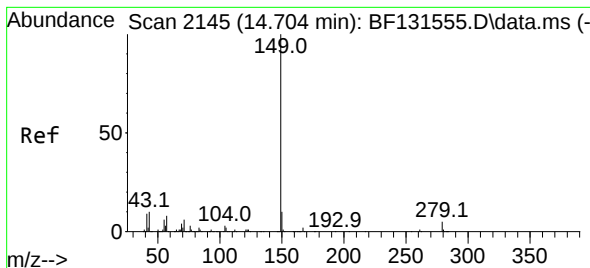


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.559 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



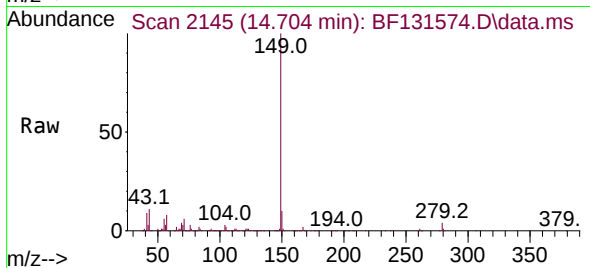
Tgt Ion:149 Resp: 374730
Ion Ratio Lower Upper
149 100
167 26.4 20.8 31.2
279 3.7 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 51.461 ng
RT: 14.704 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

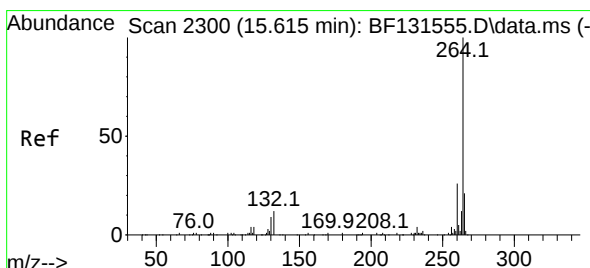
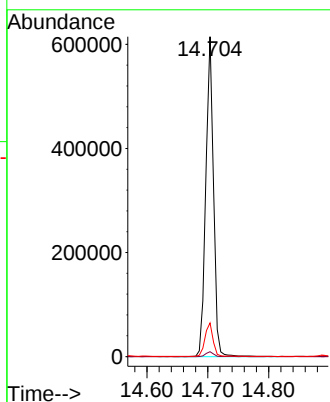
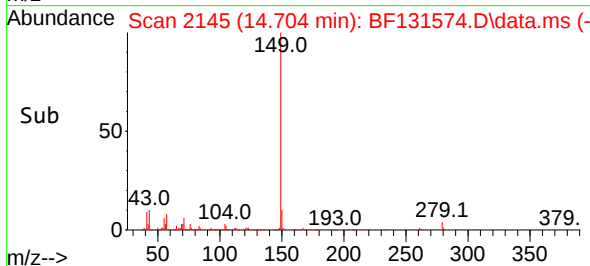
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



Tgt Ion:149 Resp: 537492
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 8.6 13.0

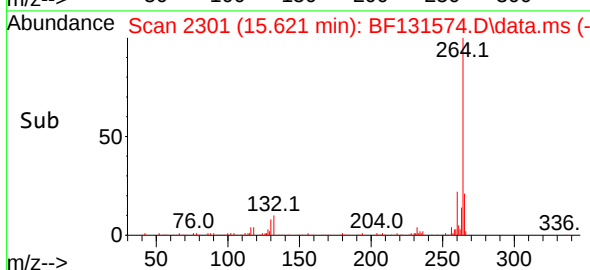
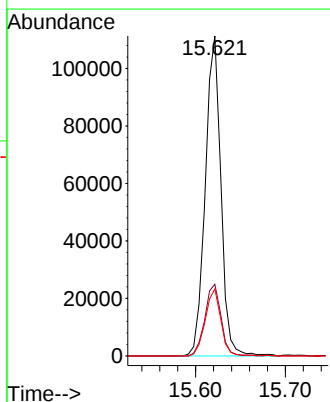
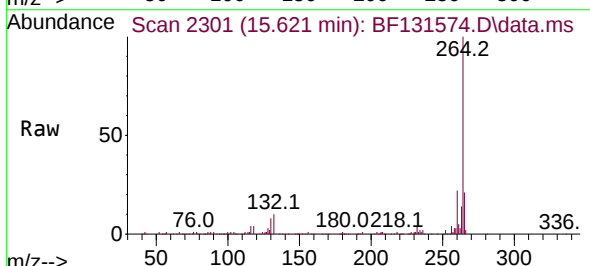
Manual Integrations
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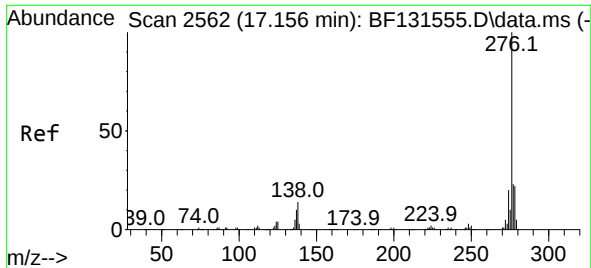
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

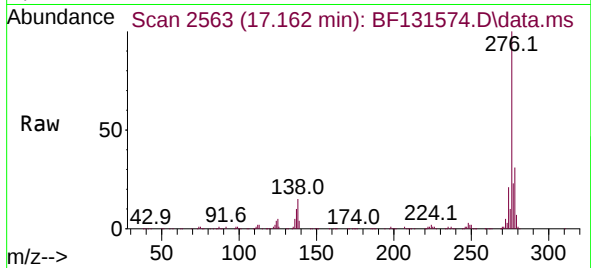
Tgt Ion:264 Resp: 134434
Ion Ratio Lower Upper
264 100
260 22.4 20.6 30.8
265 20.9 16.8 25.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.572 ng
 RT: 17.162 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131574.D
 Acq: 09 Dec 2022 19:13

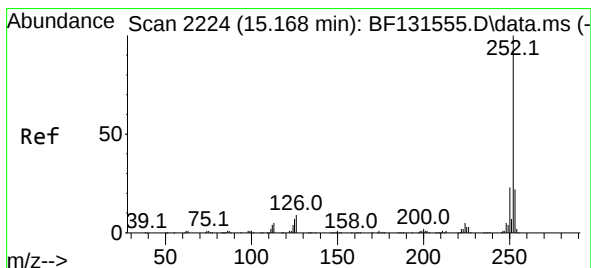
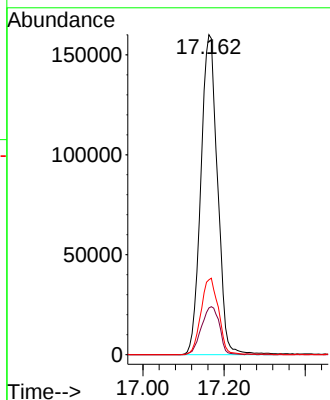
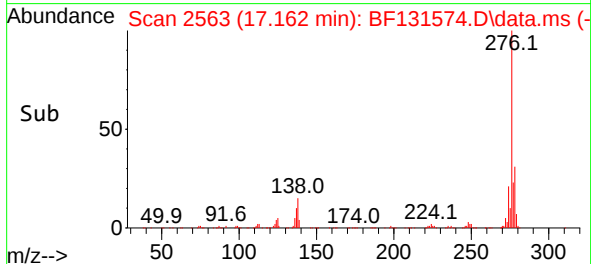
Instrument :
 BNA_F
 ClientSampleId :
 NYE-SOIL-1208MSD



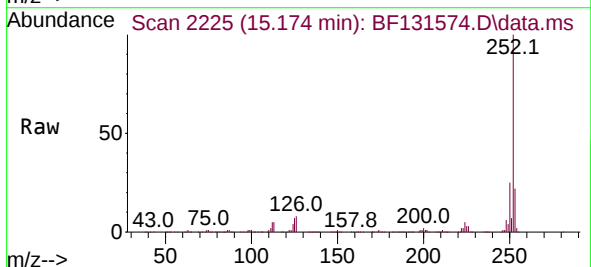
Tgt Ion: 276 Resp: 456096
 Ion Ratio Lower Upper
 276 100
 138 16.2 12.7 19.1
 277 25.1 20.0 30.0

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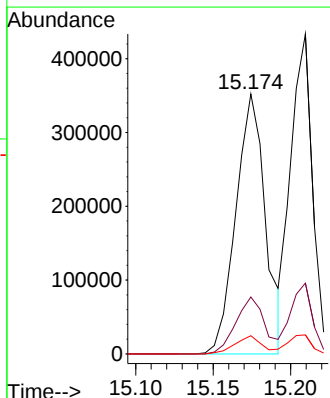
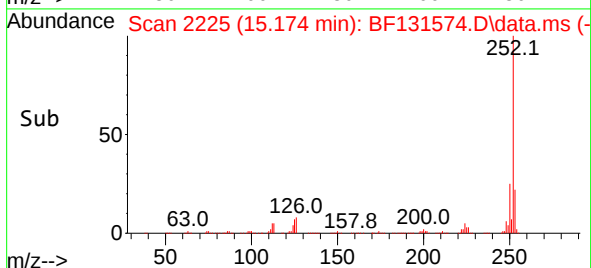
Reviewed By : Christian Giraldo 12/10/2022
 Supervised By : Jagrut Upadhyay 12/12/2022

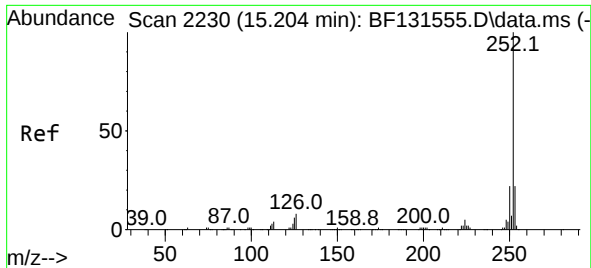


#88
 Benzo(b)fluoranthene
 Concen: 52.889 ng
 RT: 15.174 min Scan# 2225
 Delta R.T. 0.006 min
 Lab File: BF131574.D
 Acq: 09 Dec 2022 19:13



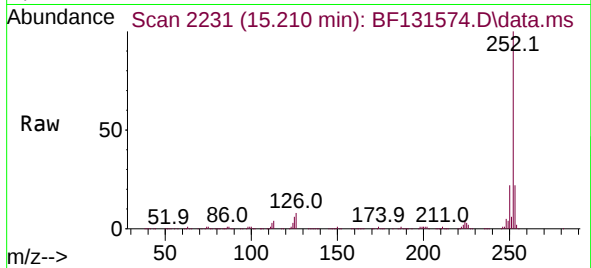
Tgt Ion: 252 Resp: 468613
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.7 26.5
 125 7.0 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 46.780 ng
RT: 15.210 min Scan# 2210
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

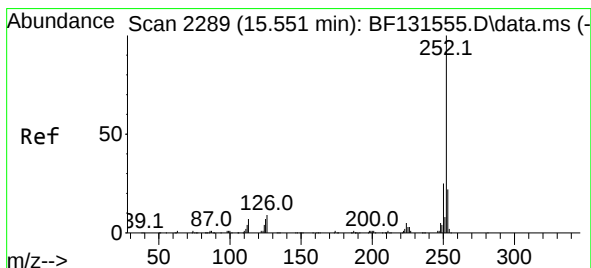
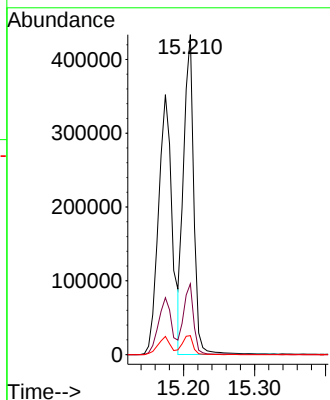
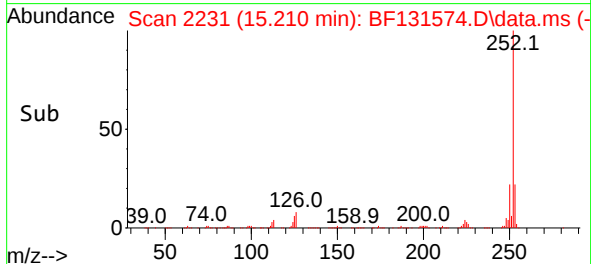
Instrument :
BNA_F
ClientSampleId :
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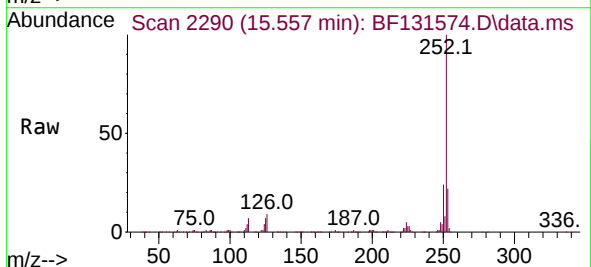
Tgt Ion:252 Resp: 432626
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 5.9 4.9 7.3

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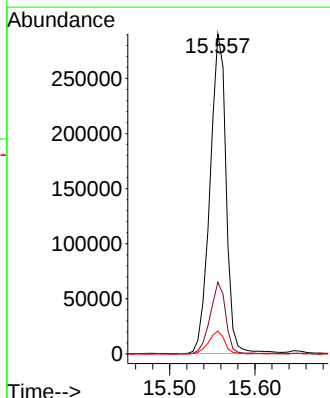
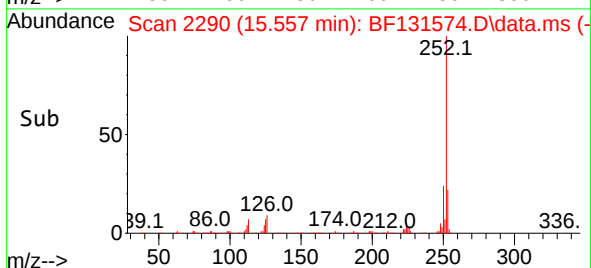
Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

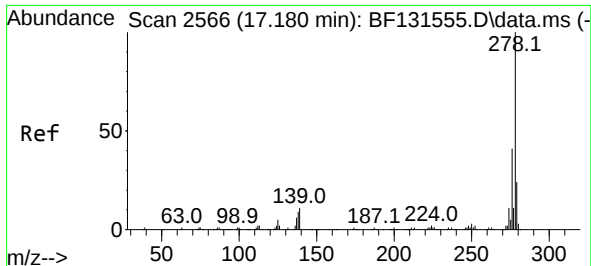


#90
Benzo(a)pyrene
Concen: 50.412 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



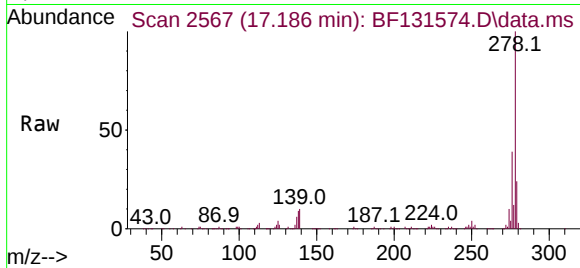
Tgt Ion:252 Resp: 381184
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 7.1 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 42.665 ng
RT: 17.186 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13

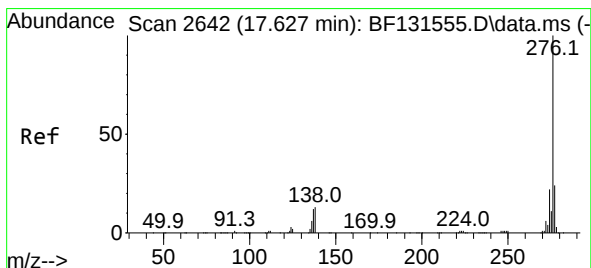
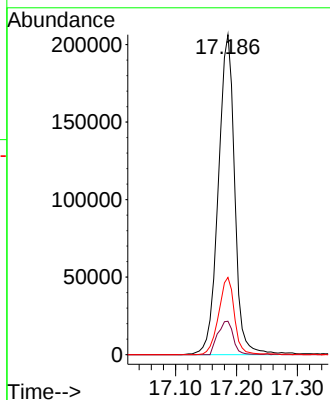
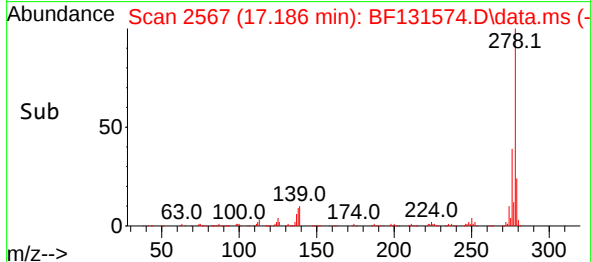
Instrument :
BNA_F
ClientSampleId :
NYE-SOIL-1208MSD



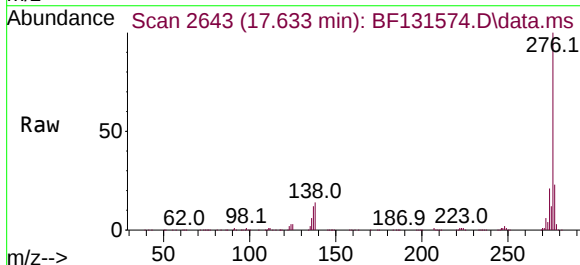
Tgt Ion:278 Resp: 385245
Ion Ratio Lower Upper
278 100
139 10.4 8.9 13.3
279 24.1 19.0 28.6

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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: 41.657 ng
RT: 17.633 min Scan# 2643
Delta R.T. 0.006 min
Lab File: BF131574.D
Acq: 09 Dec 2022 19:13



Tgt Ion:276 Resp: 378037
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 13.6 10.7 16.1

