

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132778.D
 Acq On : 14 Mar 2023 15:08
 Operator : CG\JU
 Sample : 01877-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

03/15/2023
 Supervised By :Jagrut
 Upadhyay

Quant Time: Mar 14 15:40:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	219118	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	810318	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	436624	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	831673	20.000	ng	0.00
76) Chrysene-d12	14.163	240	411267	20.000	ng	0.00
86) Perylene-d12	15.692	264	469283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1312289	97.199	ng	0.02
7) Phenol-d6	6.604	99	1622860	92.103	ng	0.00
23) Nitrobenzene-d5	7.534	82	1162054	68.039	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	533473	113.135	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1898434	66.205	ng	0.00
79) Terphenyl-d14	13.092	244	2338001	96.117	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.010	88	249616	33.424	ng	# 83
3) Pyridine	3.734	79	509358	25.694	ng	92
4) n-Nitrosodimethylamine	3.663	42	258226	34.486	ng	84
6) Aniline	6.634	93	299607	12.635	ng	97
8) 2-Chlorophenol	6.757	128	599600	42.791	ng	96
9) Benzaldehyde	6.522	77	139056	14.626	ng	96
10) Phenol	6.616	94	681095	33.716	ng	94
11) bis(2-Chloroethyl)ether	6.698	93	647951	41.549	ng	95
12) 1,3-Dichlorobenzene	6.910	146	608171	40.445	ng	97
13) 1,4-Dichlorobenzene	6.987	146	609271	40.578	ng	98
14) 1,2-Dichlorobenzene	7.134	146	596135	41.370	ng	99
15) Benzyl Alcohol	7.110	79	545808	40.222	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.240	45	740582	37.240	ng	96
17) 2-Methylphenol	7.222	107	486983	37.238	ng	98
18) Hexachloroethane	7.475	117	237536	40.494	ng	97
19) n-Nitroso-di-n-propyla...	7.381	70	381544	35.185	ng	91
20) 3+4-Methylphenols	7.375	107	541525	32.052	ng	94
22) Acetophenone	7.375	105	755275	36.964	ng	# 92
24) Nitrobenzene	7.551	77	675720	36.993	ng	99
25) Isophorone	7.787	82	1252217	38.241	ng	99
26) 2-Nitrophenol	7.869	139	330242	40.976	ng	90
27) 2,4-Dimethylphenol	7.904	122	515696	40.542	ng	96
28) bis(2-Chloroethoxy)met...	7.992	93	764603	39.916	ng	99
29) 2,4-Dichlorophenol	8.110	162	515562	40.746	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	552654	40.224	ng	96
31) Naphthalene	8.275	128	1604864	38.687	ng	100
32) Benzoic acid	8.034	122	354474	36.374	ng	99
33) 4-Chloroaniline	8.322	127	120878	6.800	ng	# 89
34) Hexachlorobutadiene	8.381	225	344590	39.468	ng	98
35) Caprolactam	8.698	113	157501m	37.757	ng	
36) 4-Chloro-3-methylphenol	8.810	107	547631	39.410	ng	95
37) 2-Methylnaphthalene	8.963	142	1070244	37.858	ng	100
38) 1-Methylnaphthalene	9.063	142	997978	37.774	ng	99
40) 1,2,4,5-Tetrachloroben...	9.134	216	574931	40.246	ng	99
41) Hexachlorocyclopentadiene	9.116	237	588712	75.980	ng	99
43) 2,4,6-Trichlorophenol	9.245	196	389497	40.233	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	415147	36.741	ng	97
46) 1,1'-Biphenyl	9.428	154	1312217	39.707	ng	98
47) 2-Chloronaphthalene	9.457	162	1058430	40.396	ng	99
48) 2-Nitroaniline	9.557	65	348806	36.145	ng	86
49) Acenaphthylene	9.875	152	1621190	38.877	ng	100
50) Dimethylphthalate	9.728	163	1293415	40.684	ng	100
51) 2,6-Dinitrotoluene	9.798	165	299594	41.379	ng	# 84
52) Acenaphthene	10.045	154	1119180m	42.267	ng	
53) 3-Nitroaniline	9.969	138	141489	17.470	ng	90
54) 2,4-Dinitrophenol	10.081	184	307486	67.685	ng	89
55) Dibenzofuran	10.222	168	1454616	37.682	ng	99
56) 4-Nitrophenol	10.139	139	393829	65.203	ng	91
57) 2,4-Dinitrotoluene	10.204	165	386955	40.173	ng	98
58) Fluorene	10.563	166	1161289	39.330	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	351025	41.821	ng	96
60) Diethylphthalate	10.428	149	1228449	39.564	ng	100
61) 4-Chlorophenyl-phenyle...	10.551	204	602276	39.319	ng	95
62) 4-Nitroaniline	10.592	138	296438	37.287	ng	90
63) Azobenzene	10.710	77	1243510	37.816	ng	98
65) 4,6-Dinitro-2-methylph...	10.616	198	224883	39.944	ng	95
66) n-Nitrosodiphenylamine	10.669	169	1025220	39.541	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	390361	41.495	ng	94
68) Hexachlorobenzene	11.116	284	428363	43.274	ng	99
69) Atrazine	11.198	200	328418	40.573	ng	99
70) Pentachlorophenol	11.310	266	409622	69.551	ng	99
71) Phenanthrene	11.533	178	1693220	39.300	ng	99
72) Anthracene	11.586	178	1727840	38.944	ng	99
73) Carbazole	11.739	167	1558337	38.957	ng	99
74) Di-n-butylphthalate	12.057	149	1868023	39.811	ng	99
75) Fluoranthene	12.727	202	1749368	37.141	ng	98
77) Benzidine	12.845	184	130469	13.032	ng	99
78) Pyrene	12.957	202	1769761	47.331	ng	100
80) Butylbenzylphthalate	13.563	149	662104	44.872	ng	99
81) Benzo(a)anthracene	14.151	228	1275008	41.434	ng	97
82) 3,3'-Dichlorobenzidine	14.104	252	236071	26.021	ng	99
83) Chrysene	14.186	228	1175999	40.868	ng	99
84) Bis(2-ethylhexyl)phtha...	14.116	149	829360	45.755	ng	100
85) Di-n-octyl phthalate	14.739	149	1232097	46.515	ng	97
87) Indeno(1,2,3-cd)pyrene	17.274	276	1417869	46.110	ng	99
88) Benzo(b)fluoranthene	15.233	252	1272820	40.472	ng	98
89) Benzo(k)fluoranthene	15.268	252	1192126	38.732	ng	99
90) Benzo(a)pyrene	15.627	252	1146691	38.958	ng	99
91) Dibenzo(a,h)anthracene	17.286	278	1151976	45.980	ng	98
92) Benzo(g,h,i)perylene	17.757	276	1145984	40.728	ng	99

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

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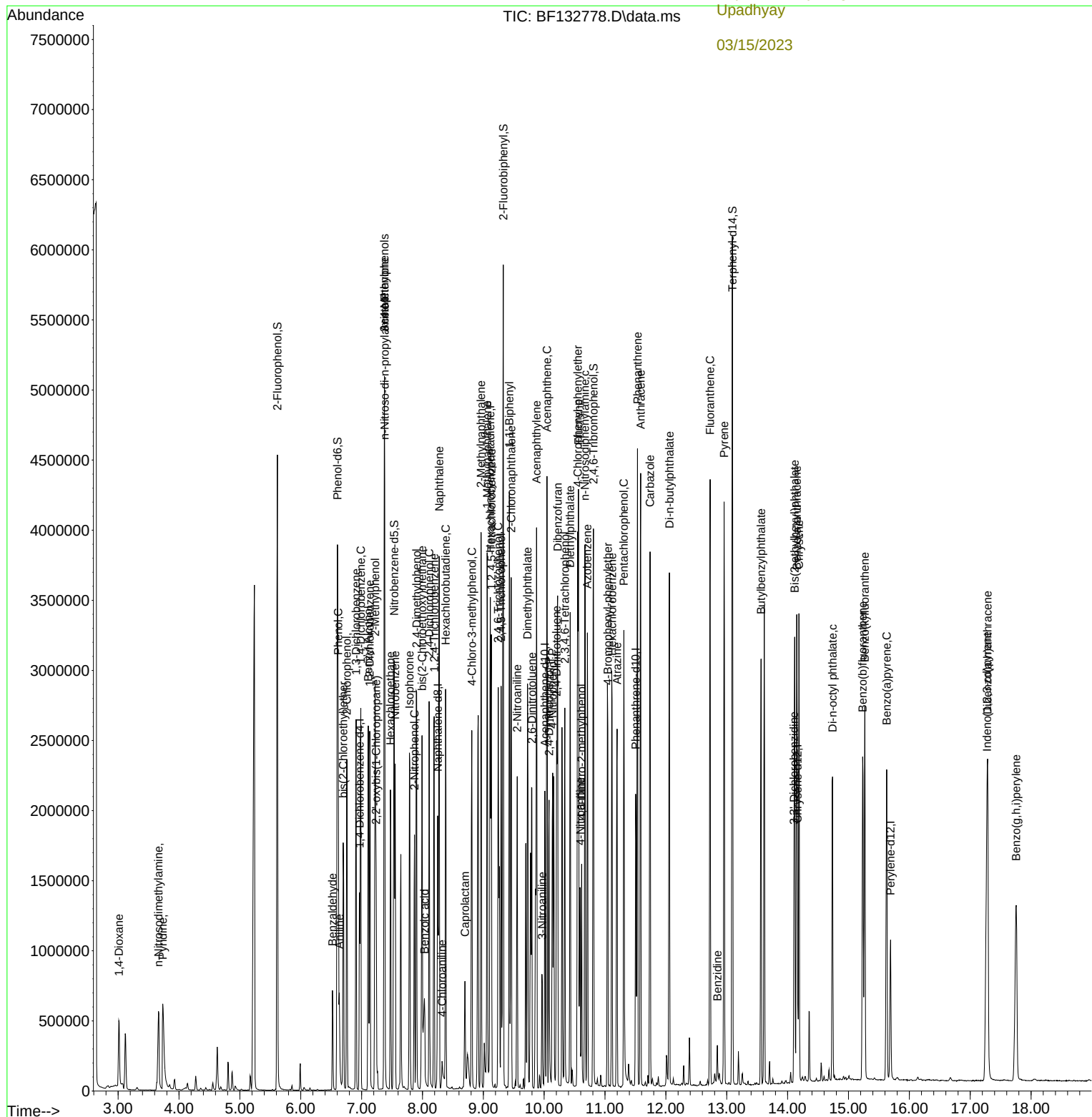
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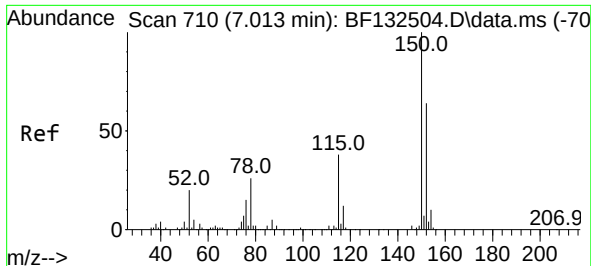
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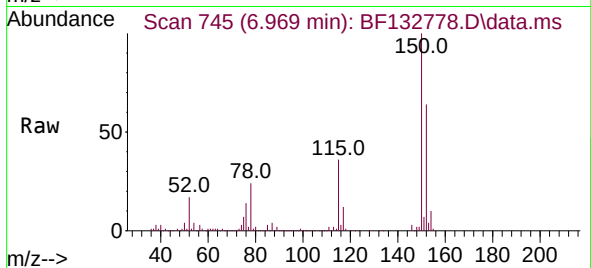
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

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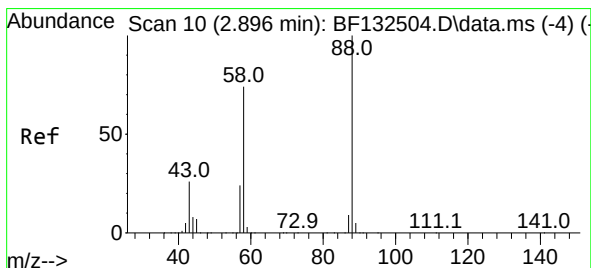
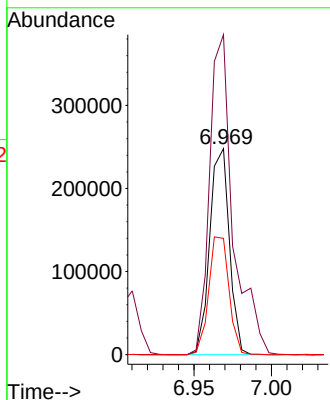
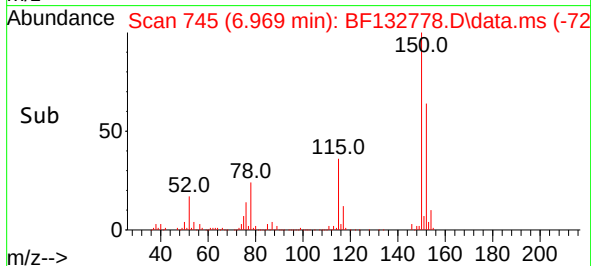
Tgt Ion:152 Resp: 219118
Ion Ratio Lower Upper
152 100
150 155.4 125.4 188.2
115 56.5 47.8 71.6

Manual Integrations
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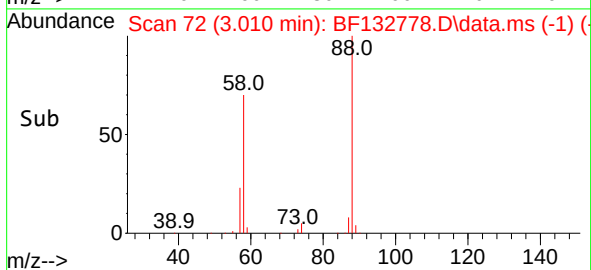
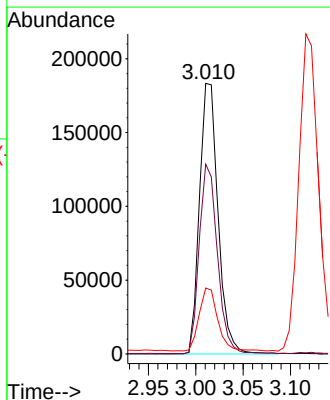
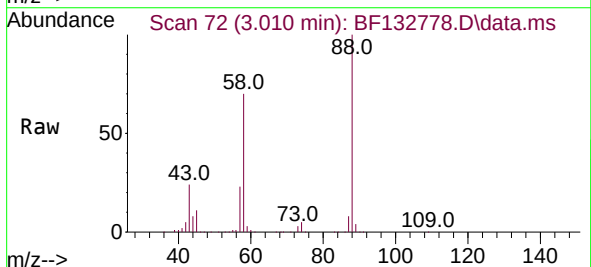
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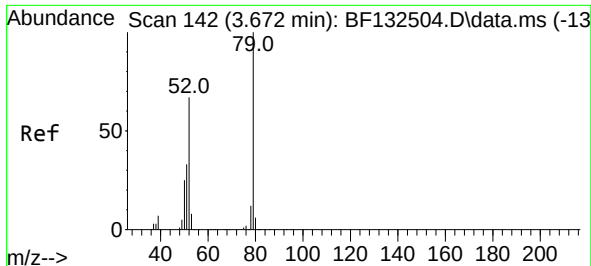
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#2
1,4-Dioxane
Concen: 33.424 ng
RT: 3.010 min Scan# 72
Delta R.T. 0.200 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

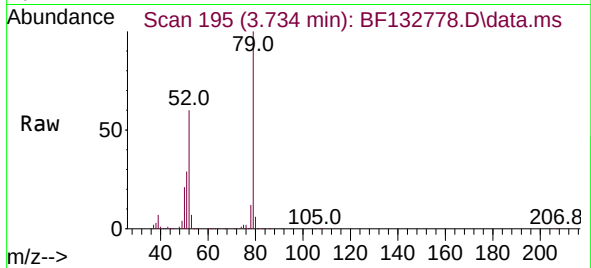
Tgt Ion: 88 Resp: 249616
Ion Ratio Lower Upper
88 100
58 68.3 58.3 87.5
43 0.0 20.7 31.1#





#3
Pyridine
Concen: 25.694 ng
RT: 3.734 min Scan# 195
Delta R.T. 0.141 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
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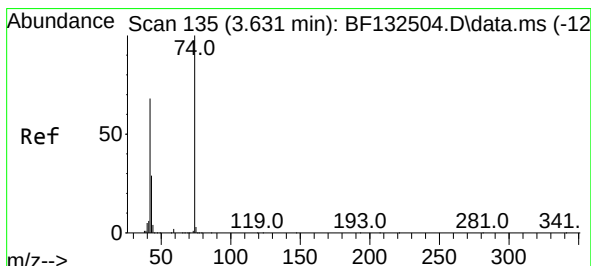
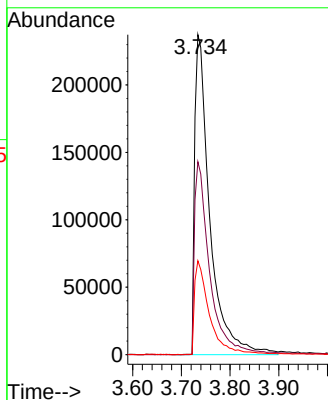
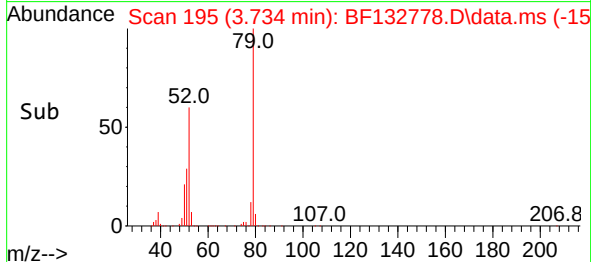
Tgt Ion: 79 Resp: 509358
Ion Ratio Lower Upper
79 100
52 60.3 53.7 80.5
51 29.3 26.6 40.0

Manual Integrations
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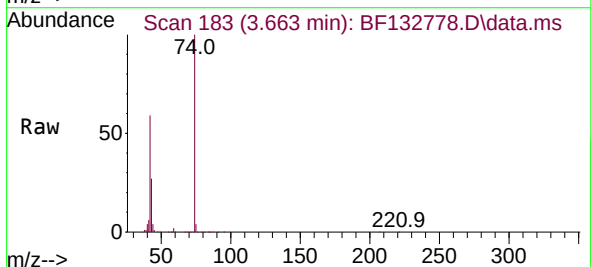
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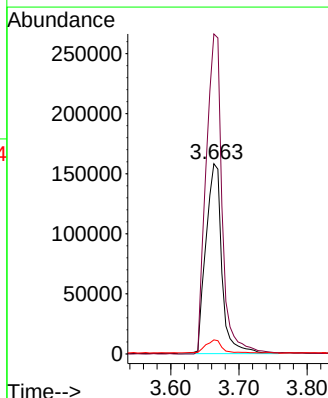
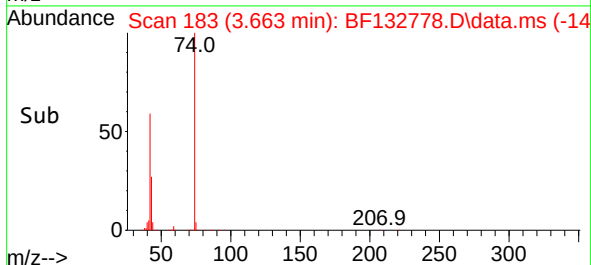
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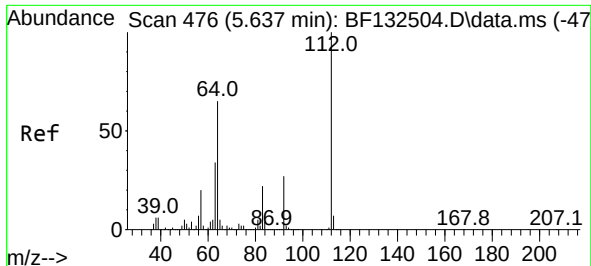


#4
n-Nitrosodimethylamine
Concen: 34.486 ng
RT: 3.663 min Scan# 183
Delta R.T. 0.106 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08



Tgt Ion: 42 Resp: 258226
Ion Ratio Lower Upper
42 100
74 168.3 118.2 177.2
44 7.4 5.3 7.9





#5
2-Fluorophenol
Concen: 97.199 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.024 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

Tgt Ion: 112 Resp: 1312289
Ion Ratio Lower Upper
112 100
64 58.7 51.6 77.4
63 30.5 27.4 41.2

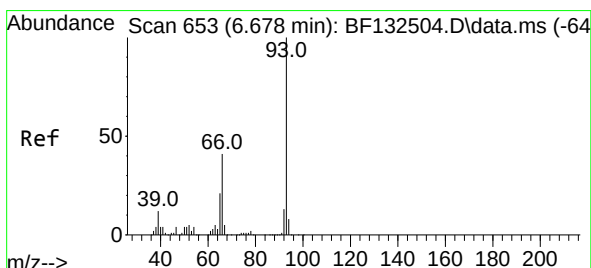
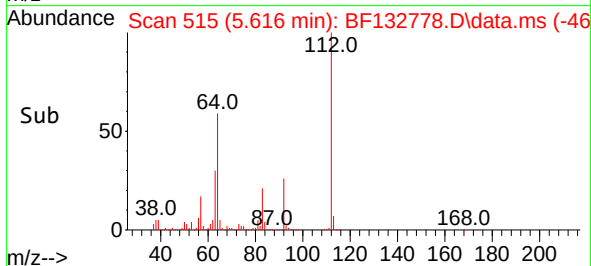
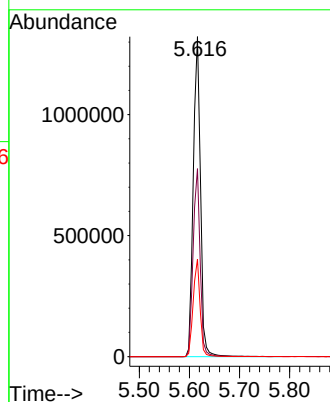
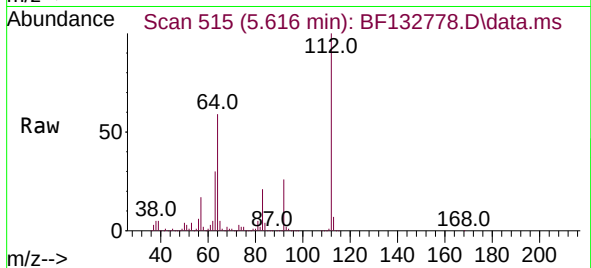
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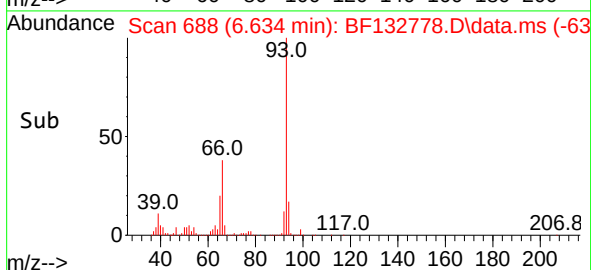
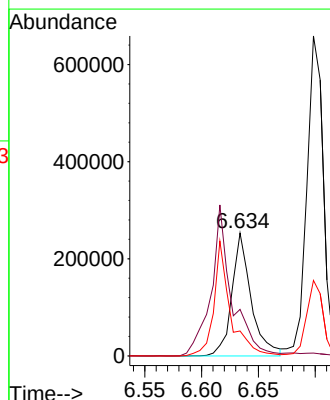
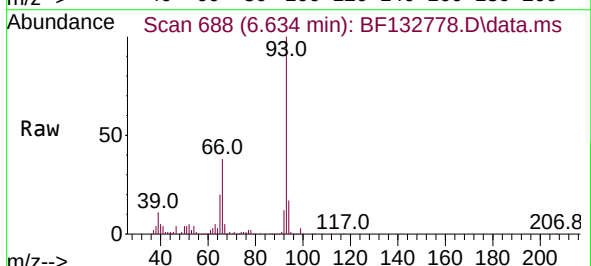
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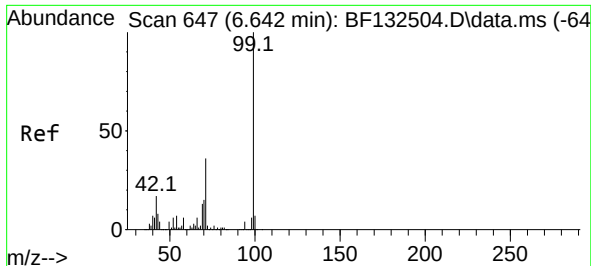
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#6
Aniline
Concen: 12.635 ng
RT: 6.634 min Scan# 688
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

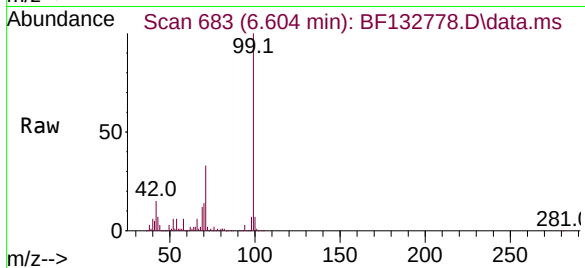
Tgt Ion: 93 Resp: 299607
Ion Ratio Lower Upper
93 100
66 37.8 32.5 48.7
65 20.2 16.6 24.8





#7
Phenol-d6
Concen: 92.103 ng
RT: 6.604 min Scan# 683
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

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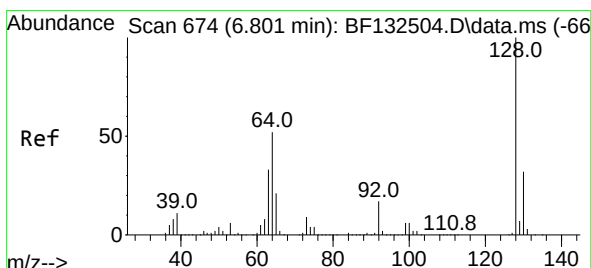
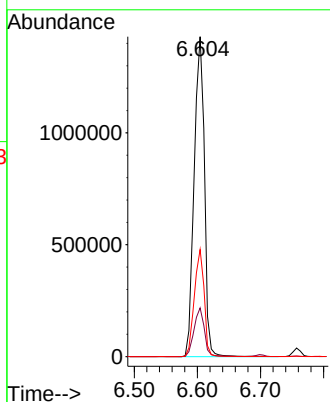
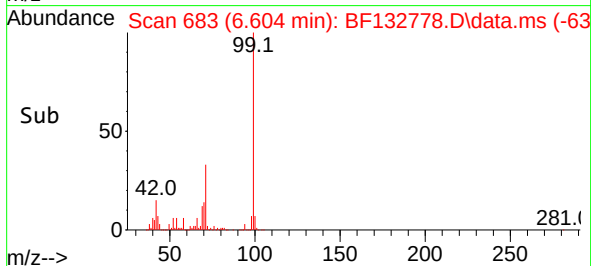
Tgt Ion: 99 Resp: 1622860
Ion Ratio Lower Upper
99 100
42 15.2 13.9 20.9
71 33.5 28.5 42.7

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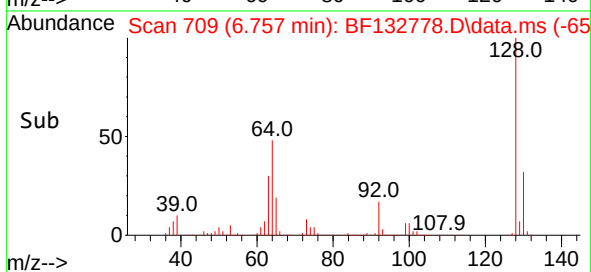
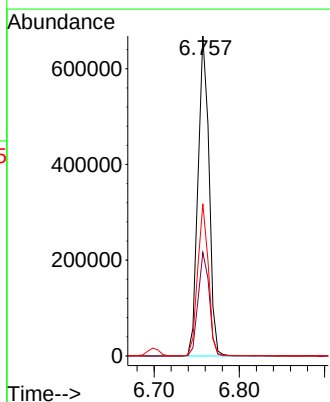
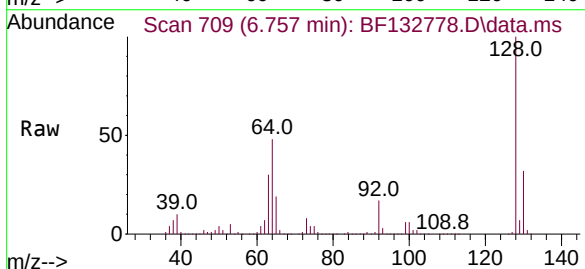
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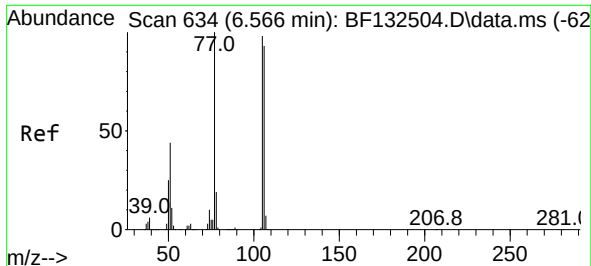
03/15/2023



#8
2-Chlorophenol
Concen: 42.791 ng
RT: 6.757 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

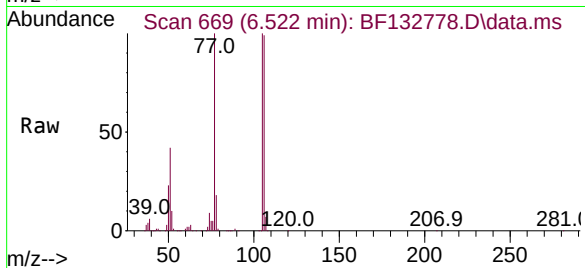
Tgt Ion:128 Resp: 599600
Ion Ratio Lower Upper
128 100
130 32.3 12.1 52.1
64 47.5 32.0 72.0





#9
Benzaldehyde
Concen: 14.626 ng
RT: 6.522 min Scan# 60
Delta R.T. 0.000 min
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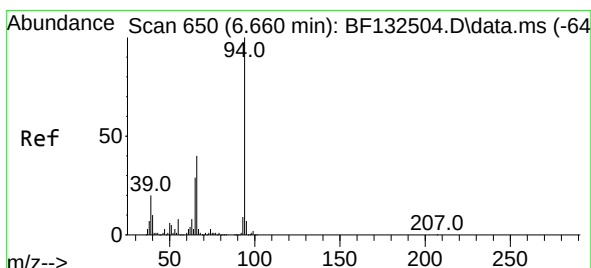
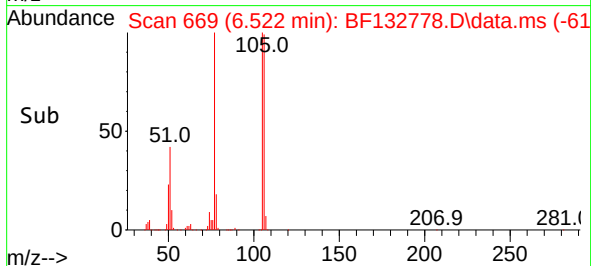
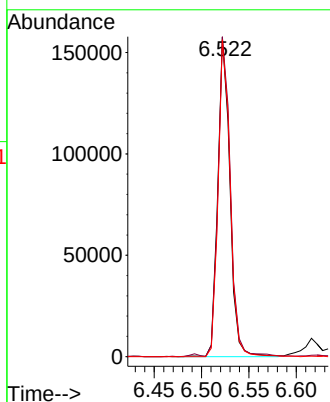
Tgt Ion: 77 Resp: 139056
Ion Ratio Lower Upper
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105 100.2 77.9 117.9
106 99.2 73.4 113.4

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Patel

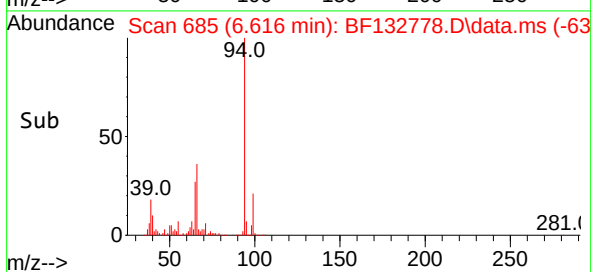
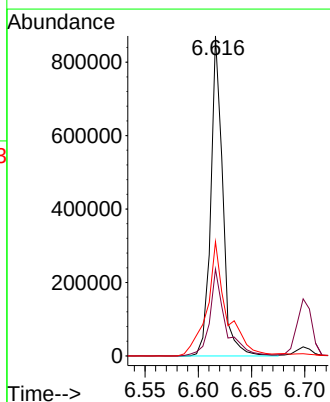
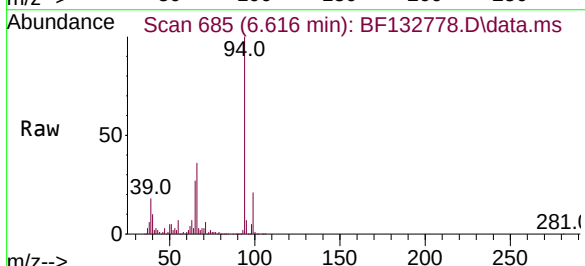
03/15/2023
Supervised By :Jagrut
Upadhyay

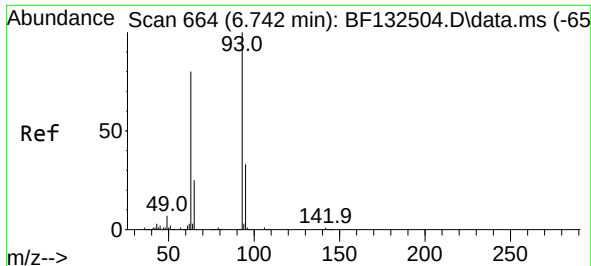
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#10
Phenol
Concen: 33.716 ng
RT: 6.616 min Scan# 685
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion: 94 Resp: 681095
Ion Ratio Lower Upper
94 100
65 27.1 9.4 49.4
66 35.7 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 41.549 ng

RT: 6.698 min Scan# 699

Delta R.T. -0.006 min

Lab File: BF132778.D

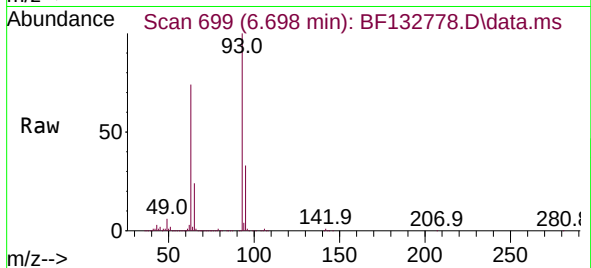
Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:	93	Resp:	64795
Ion	Ratio	Lower	Upper
93	100		
63	73.5	59.6	99.6
95	32.5	12.8	52.8

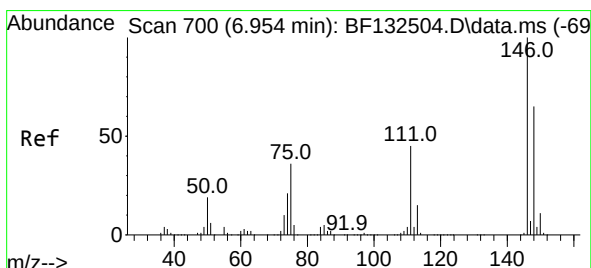
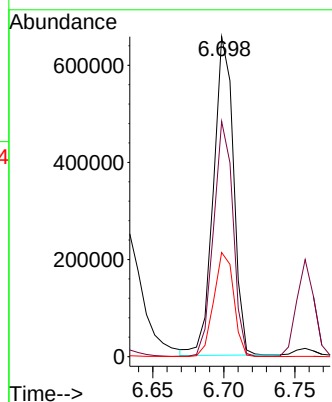
Manual Integrations
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Reviewed By :Yogesh
Patel

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Supervised By :Jagrut
Upadhyay

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#12

1,3-Dichlorobenzene

Concen: 40.445 ng

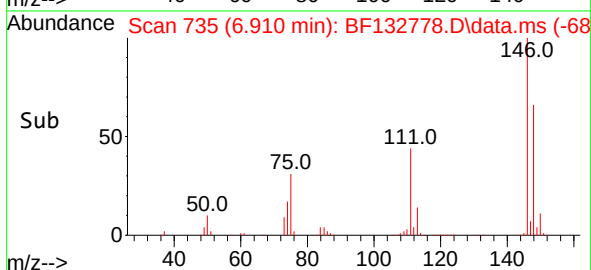
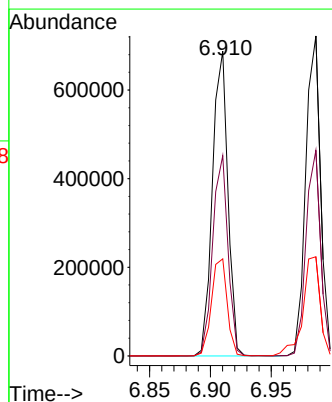
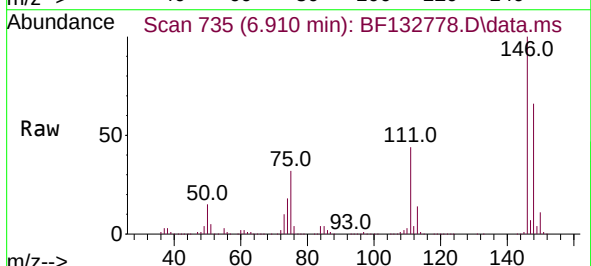
RT: 6.910 min Scan# 735

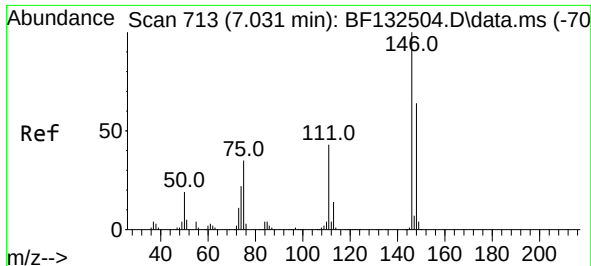
Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

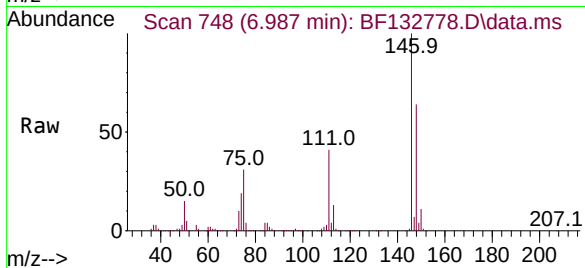
Tgt Ion:	146	Resp:	608171
Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
75	31.8	28.9	43.3





#13
1,4-Dichlorobenzene
Concen: 40.578 ng
RT: 6.987 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



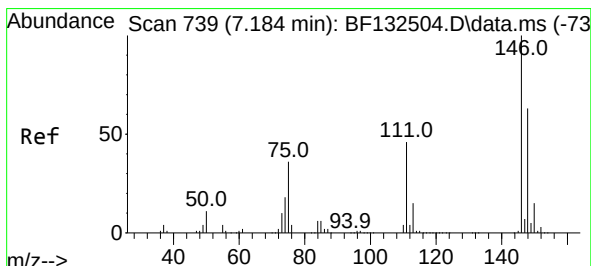
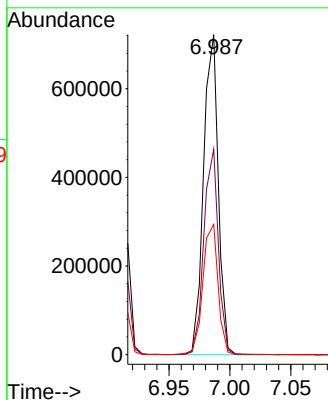
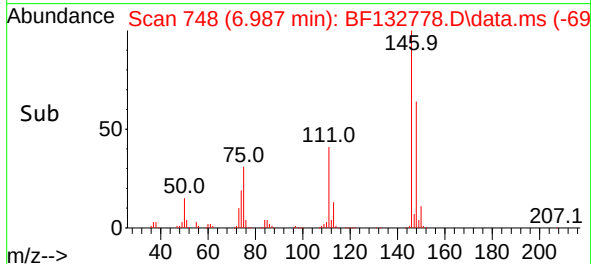
Tgt Ion:146 Resp: 60927
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
111 40.7 34.8 52.2

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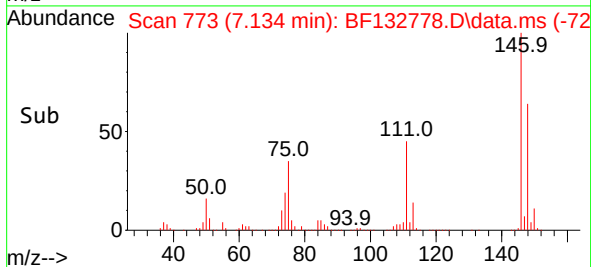
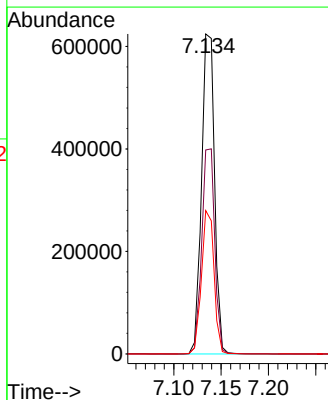
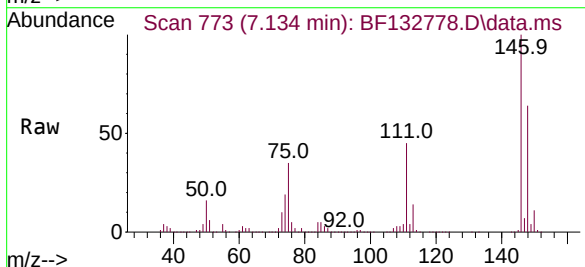
03/15/2023
Supervised By :Jagrut
Upadhyay

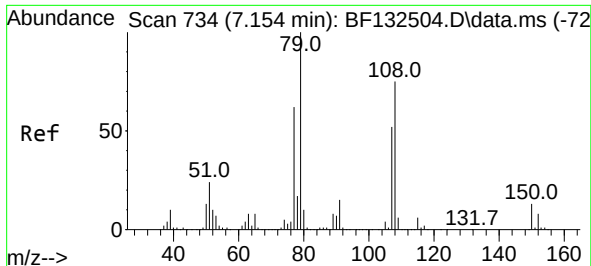
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#14
1,2-Dichlorobenzene
Concen: 41.370 ng
RT: 7.134 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

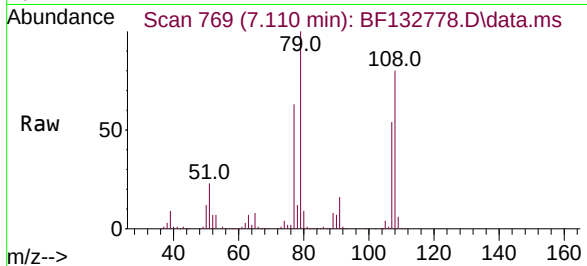
Tgt Ion:146 Resp: 596135
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
111 44.8 37.2 55.8





#15
Benzyl Alcohol
Concen: 40.222 ng
RT: 7.110 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



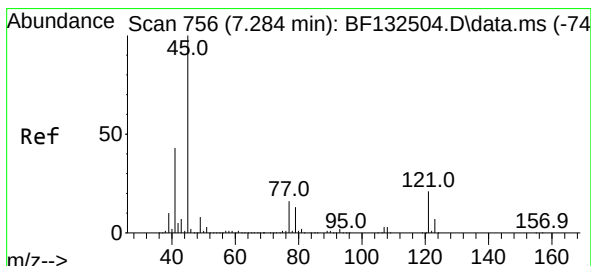
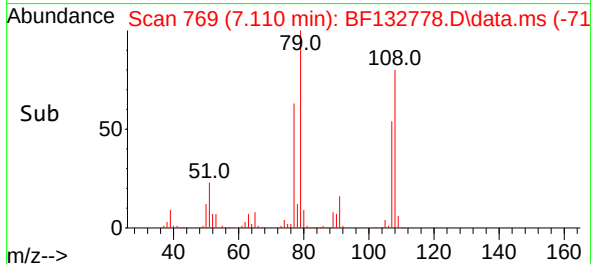
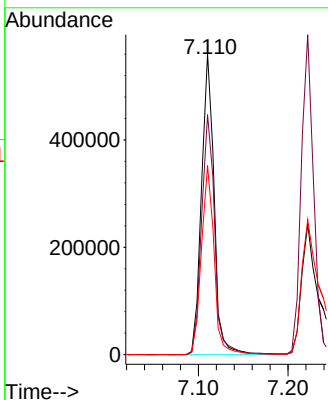
Tgt Ion: 79 Resp: 545808
Ion Ratio Lower Upper
79 100
108 79.7 60.2 90.4
77 62.9 49.9 74.9

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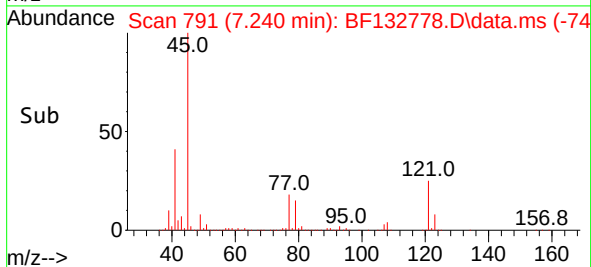
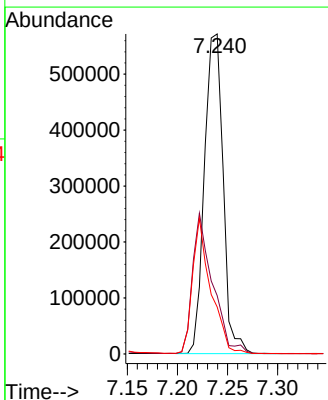
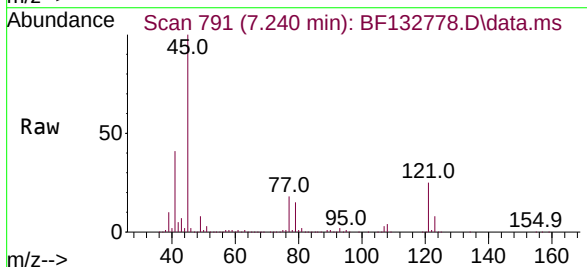
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Supervised By :Jagrut
Upadhyay

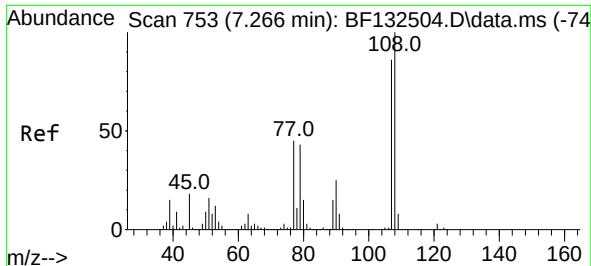
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.240 ng
RT: 7.240 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

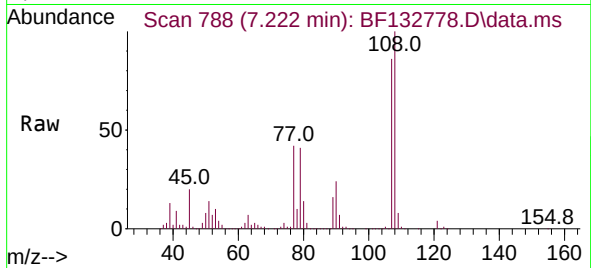
Tgt Ion: 45 Resp: 740582
Ion Ratio Lower Upper
45 100
77 18.2 0.0 36.4
79 14.7 0.0 33.4





#17
2-Methylphenol
Concen: 37.238 ng
RT: 7.222 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



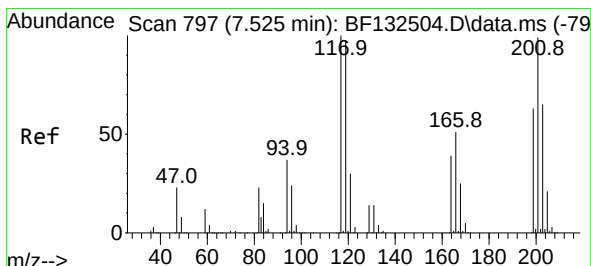
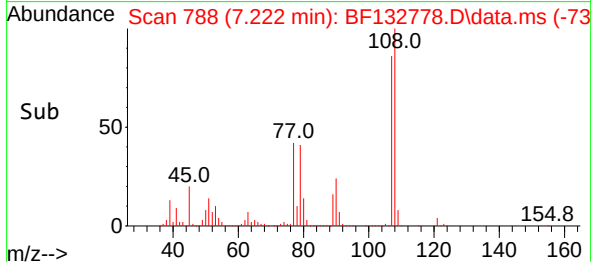
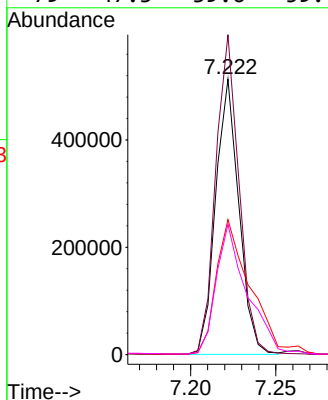
Tgt Ion:107 Resp: 486983
Ion Ratio Lower Upper
107 100
108 116.2 93.0 139.4
77 49.0 42.1 63.1
79 47.3 39.6 59.4

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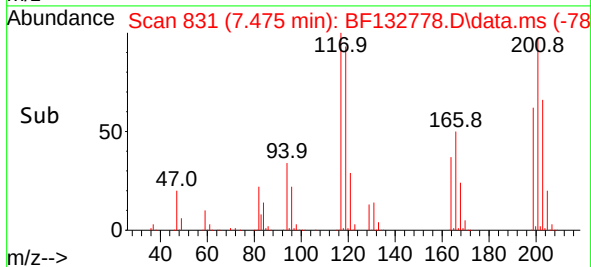
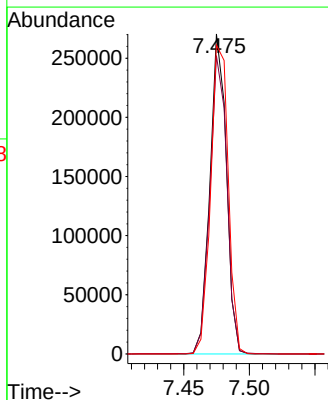
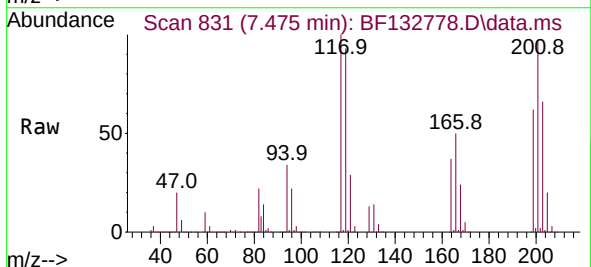
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Upadhyay

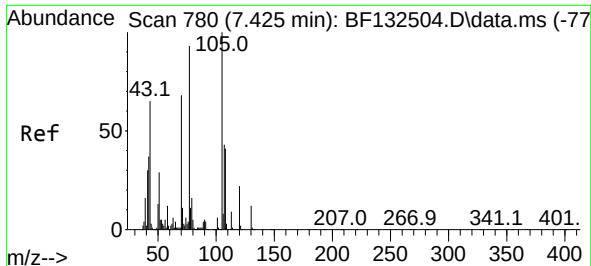
03/15/2023



#18
Hexachloroethane
Concen: 40.494 ng
RT: 7.475 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

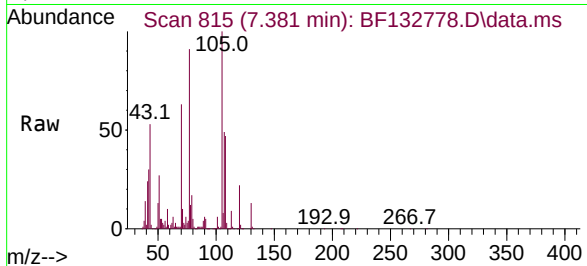
Tgt Ion:117 Resp: 237536
Ion Ratio Lower Upper
117 100
119 93.2 78.0 117.0
201 96.5 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 35.185 ng
RT: 7.381 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



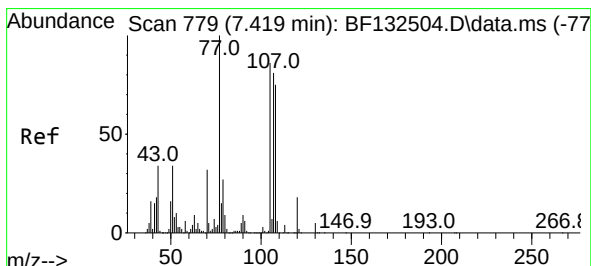
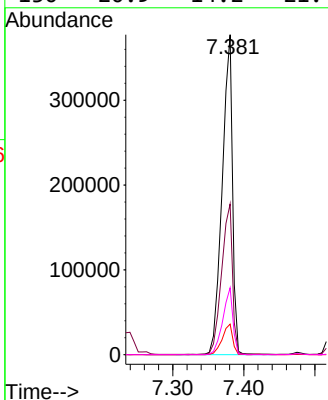
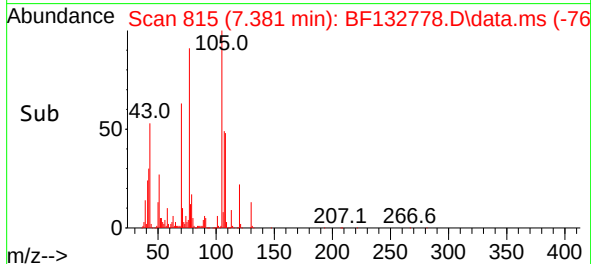
Tgt Ion: 70 Resp: 381544
Ion Ratio Lower Upper
70 100
42 47.1 44.1 66.1
101 9.5 7.4 11.2
130 20.9 14.2 21.4

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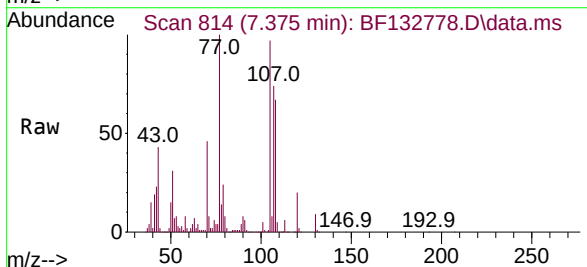
Reviewed By :Yogesh
Patel

03/15/2023
Supervised By :Jagrut
Upadhyay

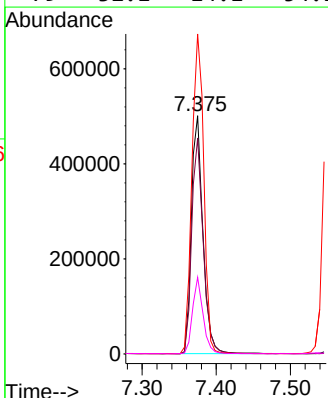
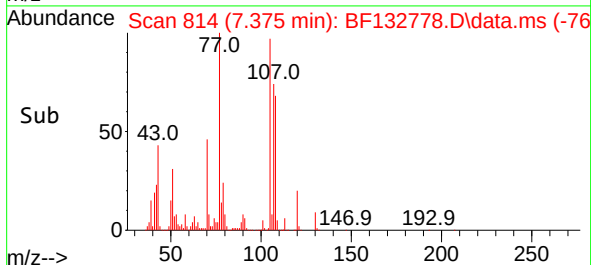
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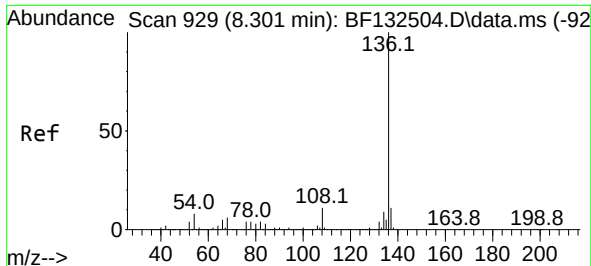


#20
3+4-Methylphenols
Concen: 32.052 ng
RT: 7.375 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08



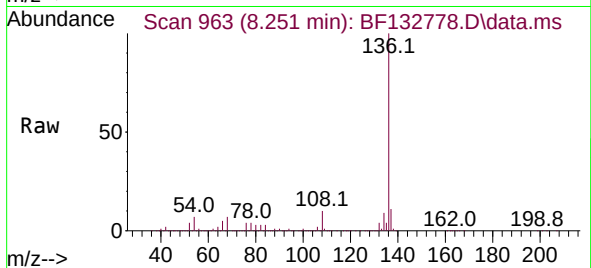
Tgt Ion:107 Resp: 541525
Ion Ratio Lower Upper
107 100
108 90.7 72.6 112.6
77 134.3 104.0 144.0
79 32.1 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
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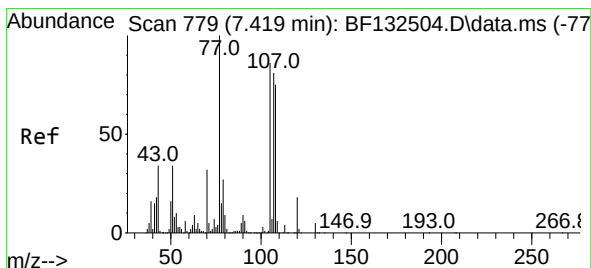
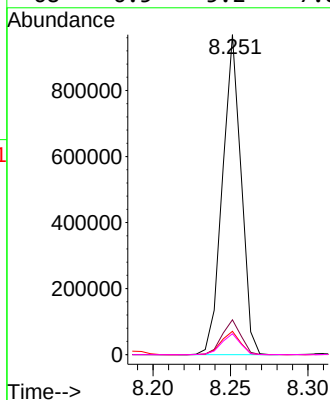
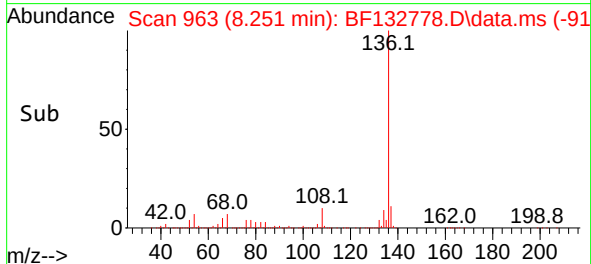
Tgt Ion:136 Resp: 810318
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 6.2 9.4
68 6.5 5.2 7.8

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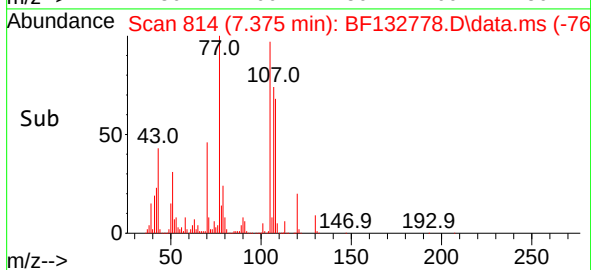
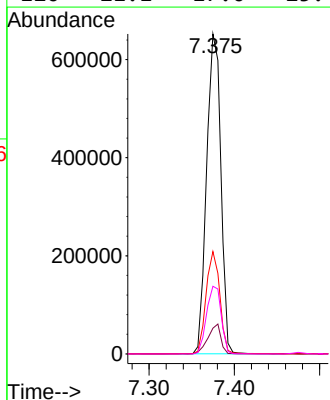
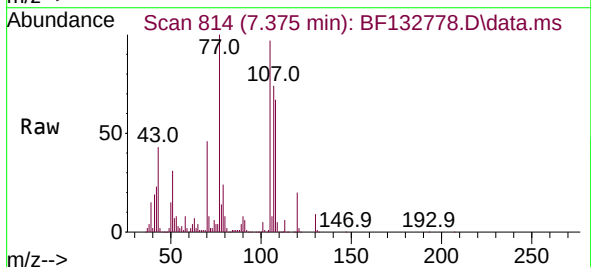
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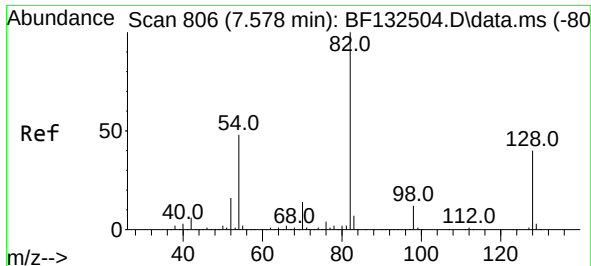
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#22
Acetophenone
Concen: 36.964 ng
RT: 7.375 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:105 Resp: 755275
Ion Ratio Lower Upper
105 100
71 8.1 5.0 7.4#
51 32.0 31.5 47.3
120 21.1 17.0 25.4





#23

Nitrobenzene-d5

Concen: 68.039 ng

RT: 7.534 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 1162054

Ion Ratio Lower Upper

82 100

128 42.8 32.2 48.2

54 44.5 38.4 57.6

Manual Integrations

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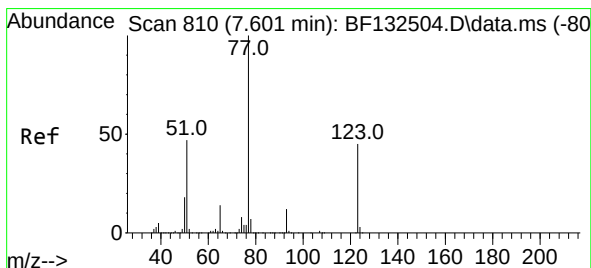
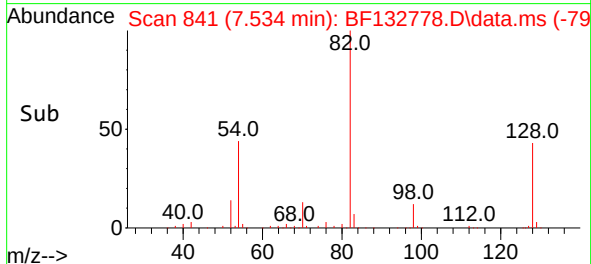
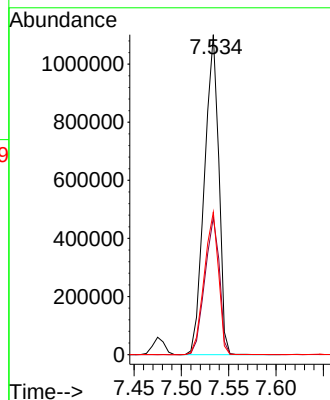
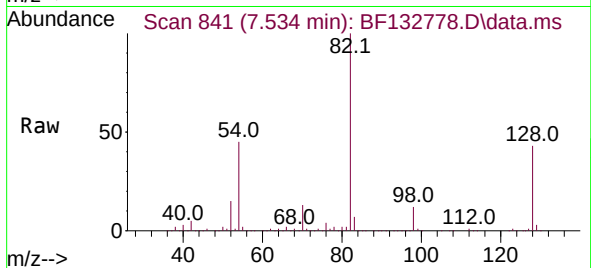
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Upadhyay

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#24

Nitrobenzene

Concen: 36.993 ng

RT: 7.551 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

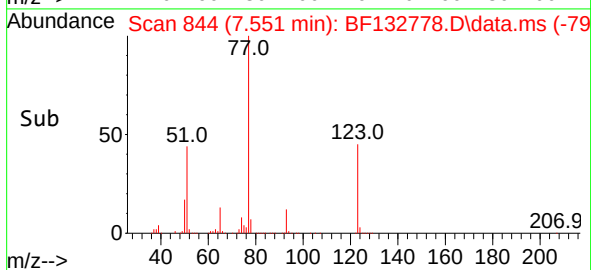
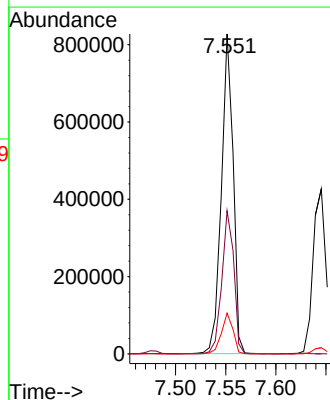
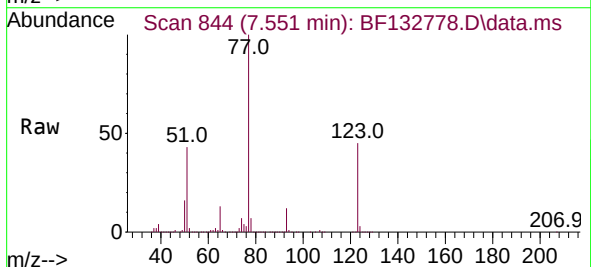
Tgt Ion: 77 Resp: 675720

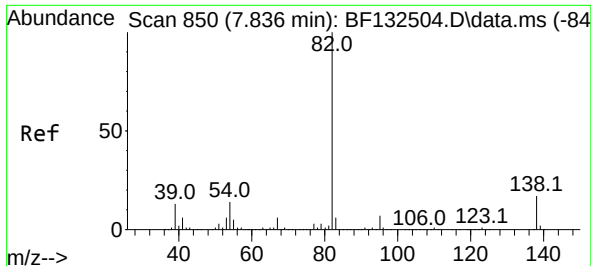
Ion Ratio Lower Upper

77 100

123 44.7 35.8 53.6

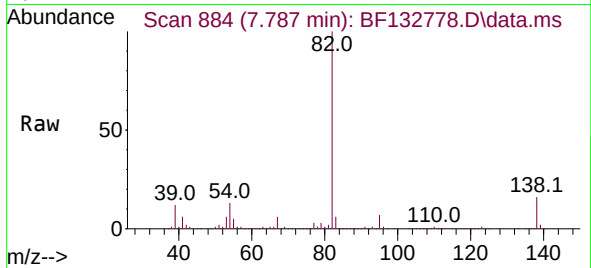
65 12.7 10.9 16.3





#25
Isophorone
Concen: 38.241 ng
RT: 7.787 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



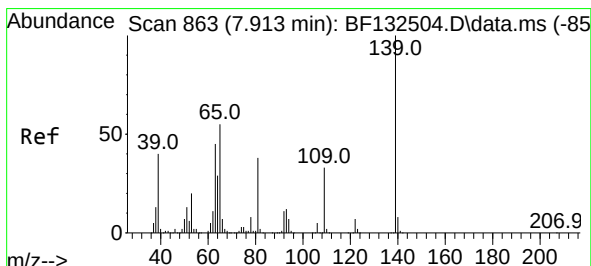
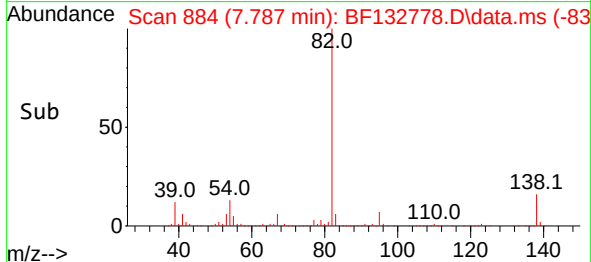
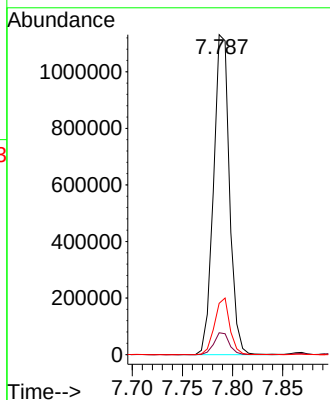
Tgt Ion: 82 Resp: 1252217
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 16.0 13.3 19.9

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Reviewed By :Yogesh
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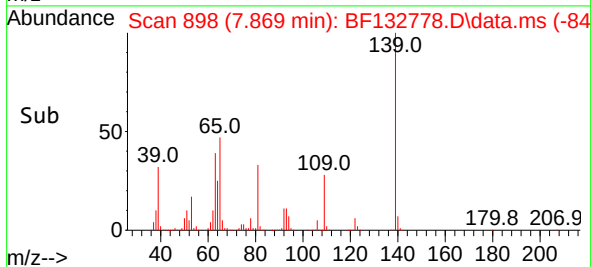
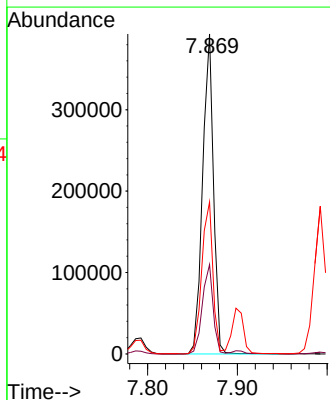
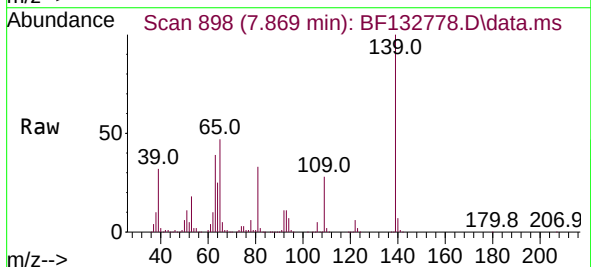
03/15/2023
Supervised By :Jagrut
Upadhyay

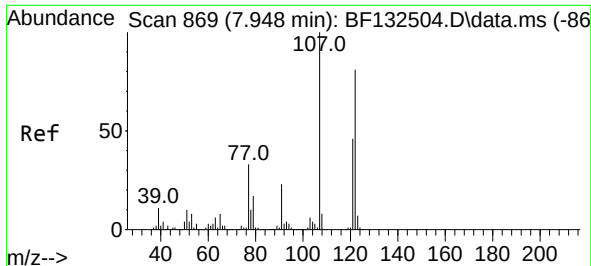
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#26
2-Nitrophenol
Concen: 40.976 ng
RT: 7.869 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

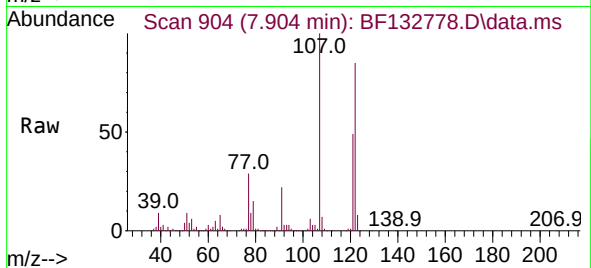
Tgt Ion:139 Resp: 330242
Ion Ratio Lower Upper
139 100
109 27.9 26.2 39.2
65 47.5 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 40.542 ng
RT: 7.904 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



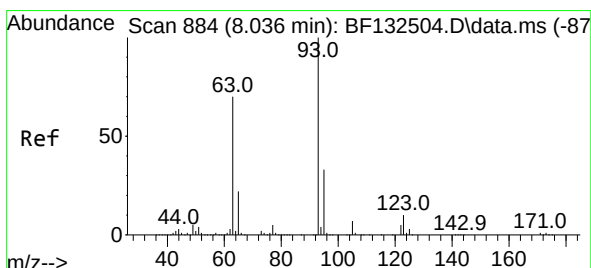
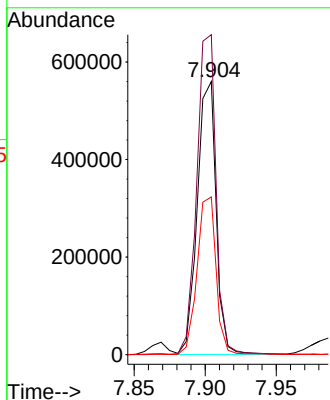
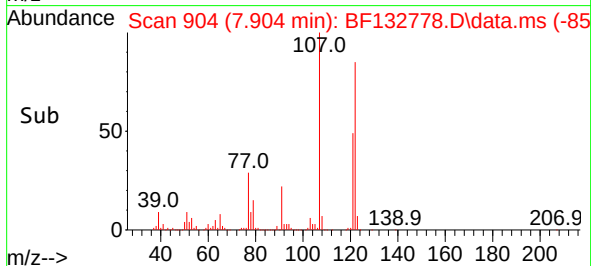
Tgt Ion:122 Resp: 515696
Ion Ratio Lower Upper
122 100
107 117.2 98.7 148.1
121 57.8 45.8 68.6

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Reviewed By :Yogesh
Patel

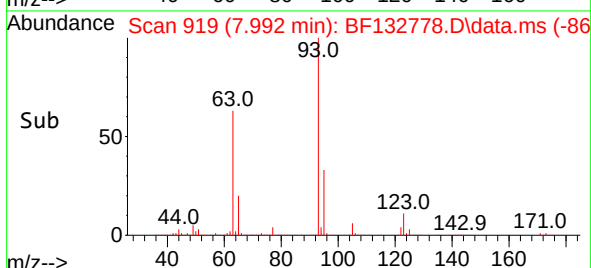
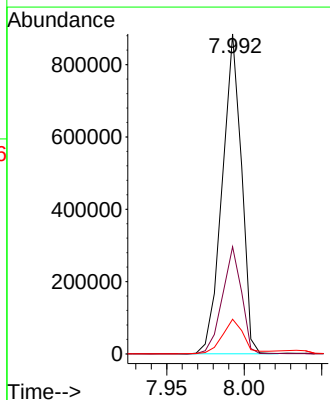
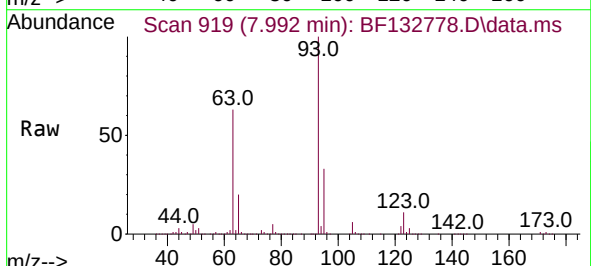
03/15/2023
Supervised By :Jagrut
Upadhyay

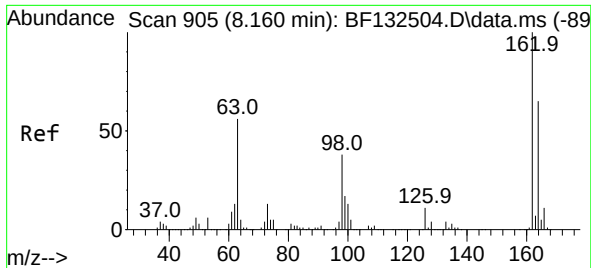
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#28
bis(2-Chloroethoxy)methane
Concen: 39.916 ng
RT: 7.992 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion: 93 Resp: 764603
Ion Ratio Lower Upper
93 100
95 33.5 26.3 39.5
123 10.8 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 40.746 ng

RT: 8.110 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

Tgt Ion:162 Resp: 515562

Ion Ratio Lower Upper

162 100

164 64.3 45.3 85.3

98 38.4 17.9 57.9

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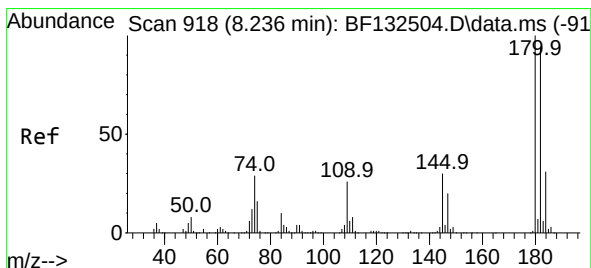
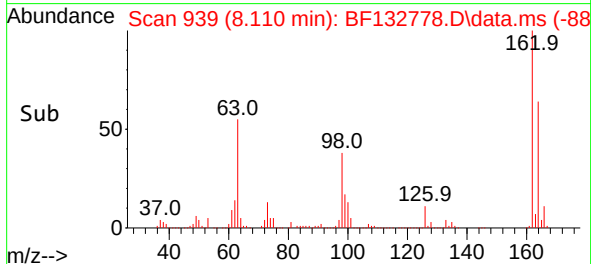
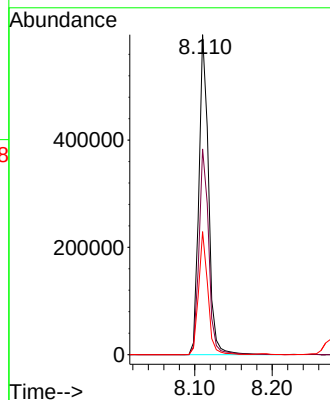
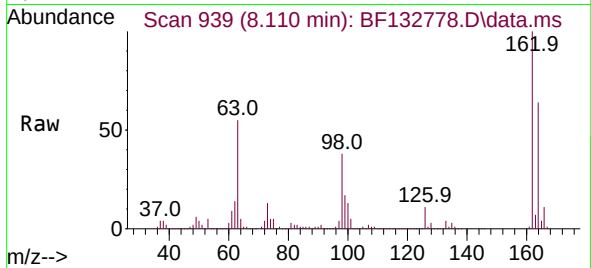
Reviewed By :Yogesh

Patel

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Supervised By :Jagrut
Upadhyay

03/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.224 ng

RT: 8.192 min Scan# 953

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

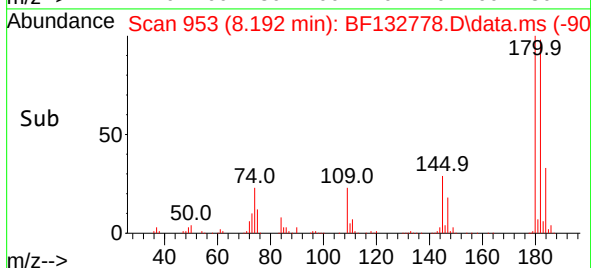
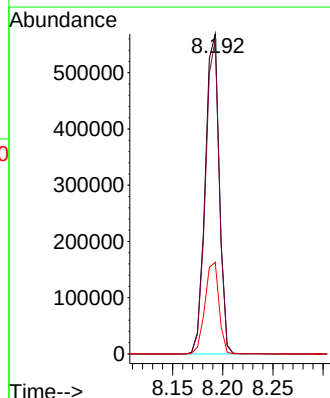
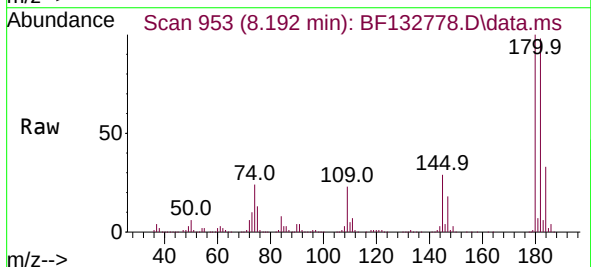
Tgt Ion:180 Resp: 552654

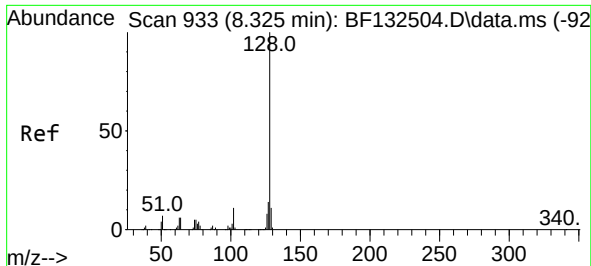
Ion Ratio Lower Upper

180 100

182 98.2 75.1 112.7

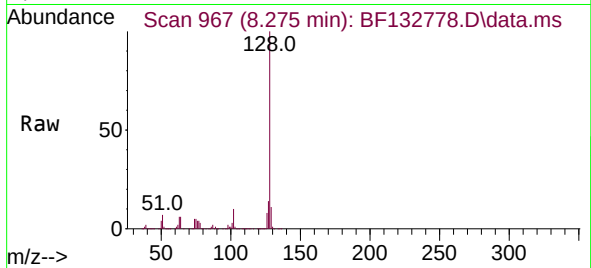
145 28.6 23.8 35.6





#31
Naphthalene
Concen: 38.687 ng
RT: 8.275 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



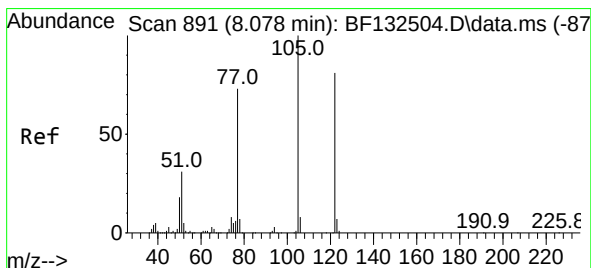
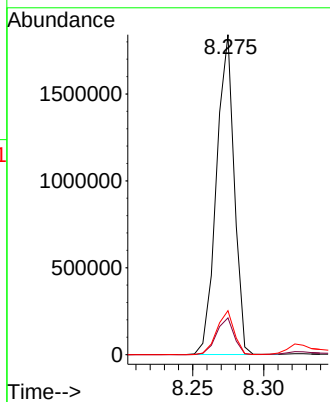
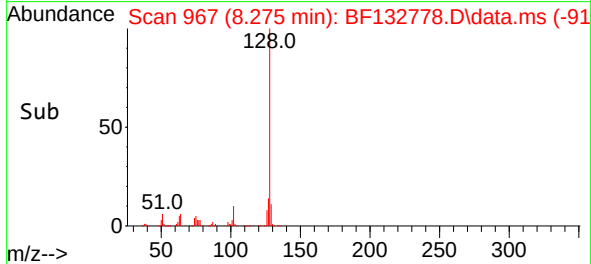
Tgt Ion:128 Resp: 1604864
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.7 11.0 16.6

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Reviewed By :Yogesh
Patel

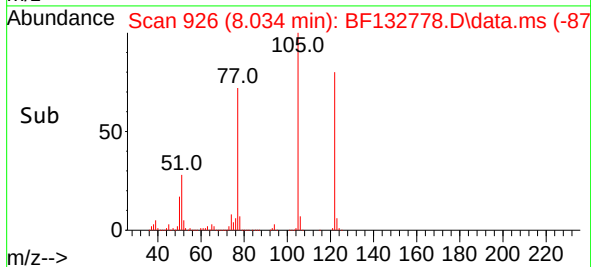
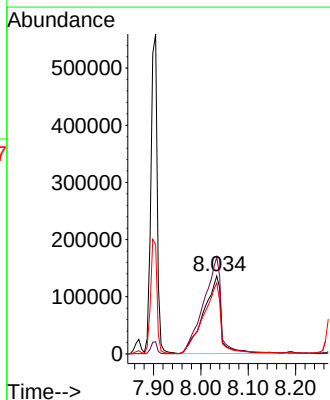
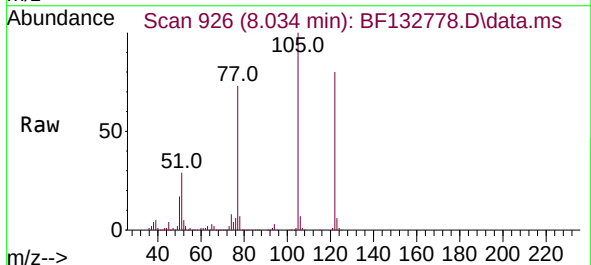
03/15/2023
Supervised By :Jagrut
Upadhyay

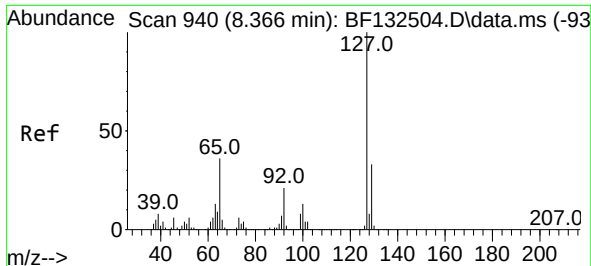
03/15/2023



#32
Benzoic acid
Concen: 36.374 ng
RT: 8.034 min Scan# 926
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

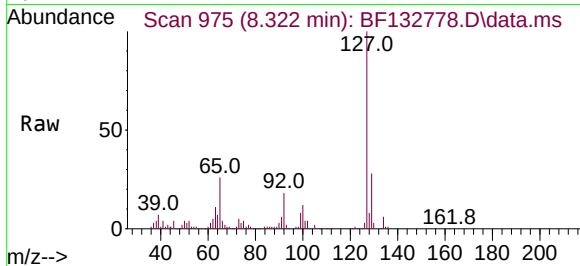
Tgt Ion:122 Resp: 354474
Ion Ratio Lower Upper
122 100
105 124.4 102.6 142.6
77 91.1 70.2 110.2





#33
4-Chloroaniline
Concen: 6.800 ng
RT: 8.322 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



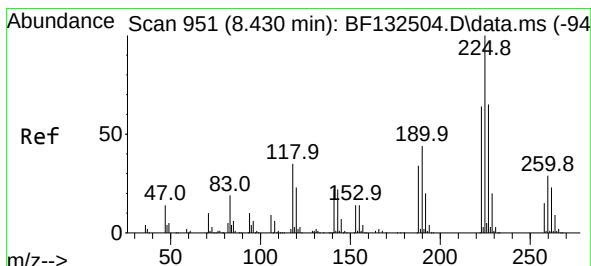
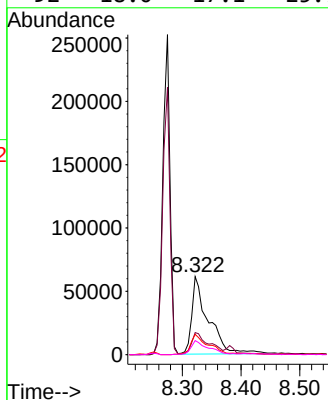
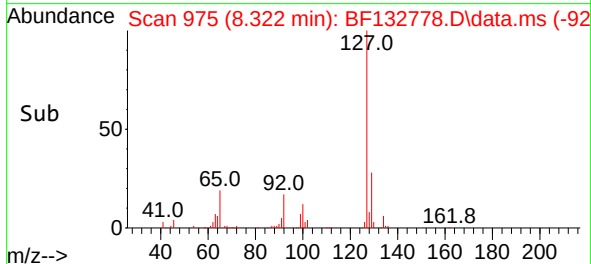
Tgt Ion:127 Resp: 120878
Ion Ratio Lower Upper
127 100
129 28.3 26.4 39.6
65 26.0 28.8 43.2
92 18.0 17.1 25.7

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Patel

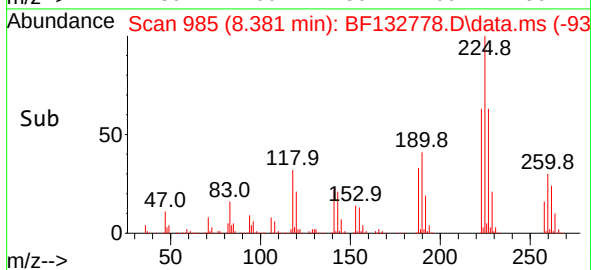
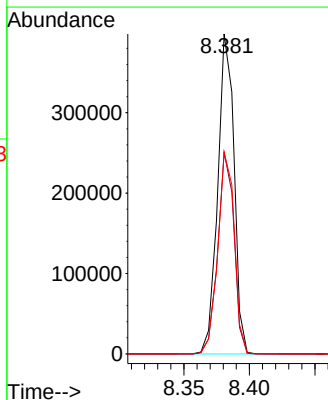
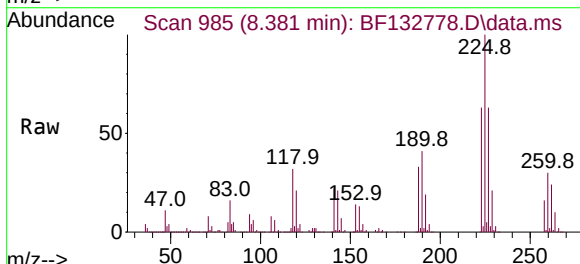
03/15/2023
Supervised By :Jagrut
Upadhyay

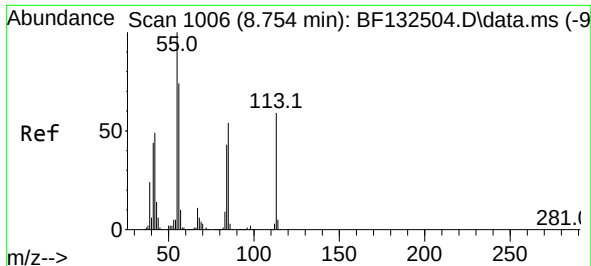
03/15/2023



#34
Hexachlorobutadiene
Concen: 39.468 ng
RT: 8.381 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

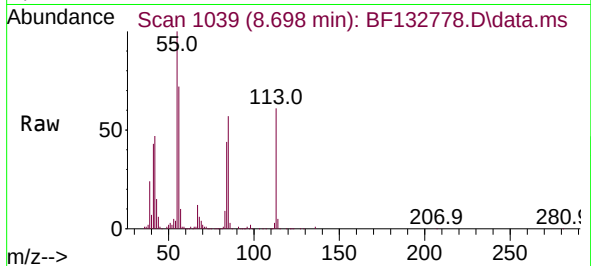
Tgt Ion:225 Resp: 344590
Ion Ratio Lower Upper
225 100
223 62.9 51.0 76.4
227 63.0 51.7 77.5





#35
Caprolactam
Concen: 37.757 ng m
RT: 8.698 min Scan# 1058
Delta R.T. -0.012 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



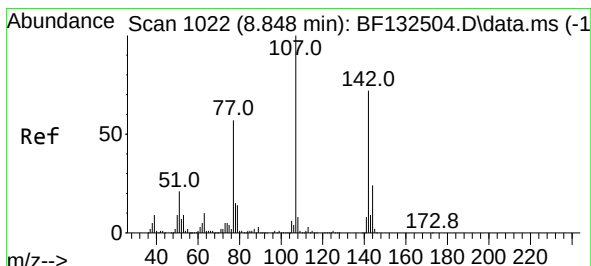
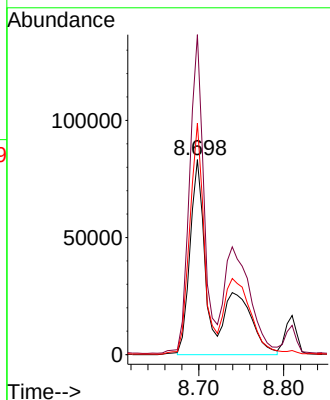
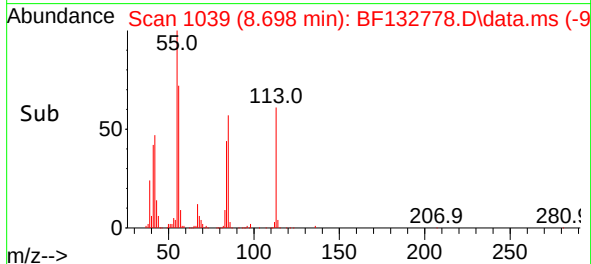
Tgt Ion:113 Resp: 157500
Ion Ratio Lower Upper
113 100
55 164.1 149.4 189.4
56 118.7 105.0 145.0

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Reviewed By :Yogesh
Patel

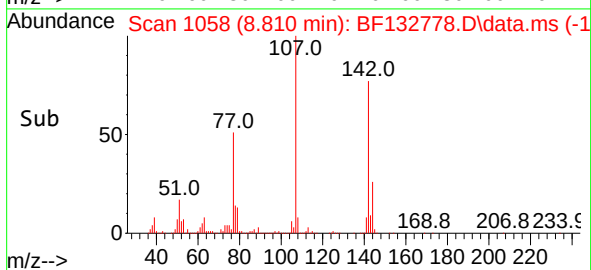
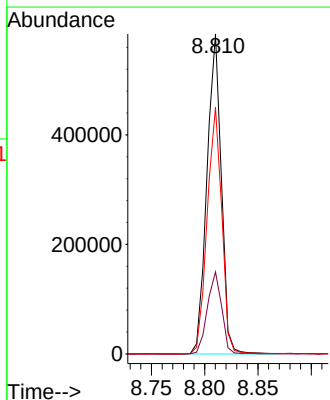
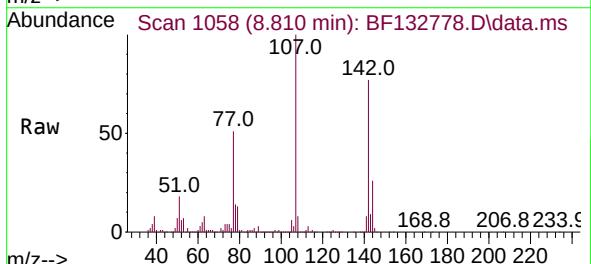
03/15/2023
Supervised By :Jagrut
Upadhyay

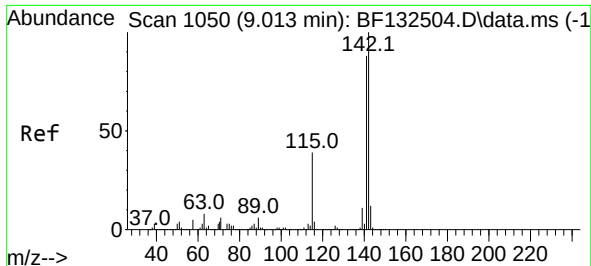
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#36
4-Chloro-3-methylphenol
Concen: 39.410 ng
RT: 8.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:107 Resp: 547631
Ion Ratio Lower Upper
107 100
144 25.7 18.9 28.3
142 77.0 57.9 86.9





#37
2-Methylnaphthalene
Concen: 37.858 ng
RT: 8.963 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

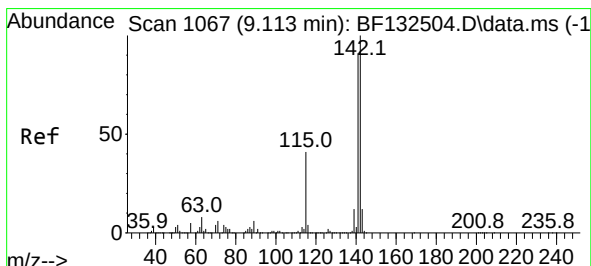
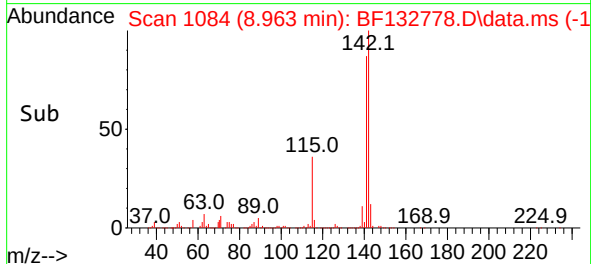
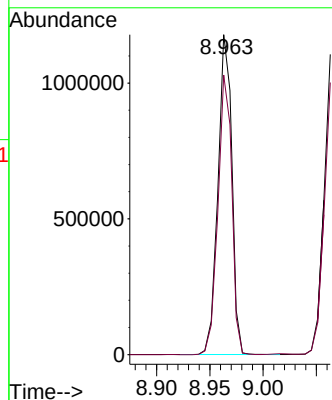
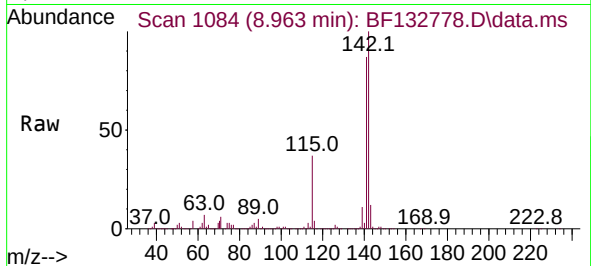
Tgt Ion:142 Resp: 1070244
Ion Ratio Lower Upper
142 100
141 87.4 70.2 105.2

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Patel

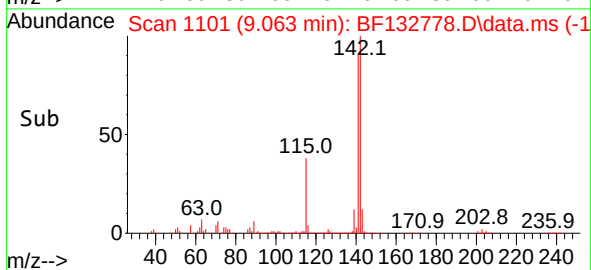
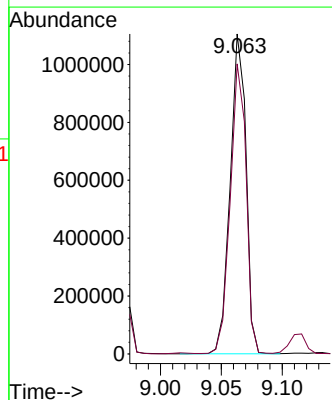
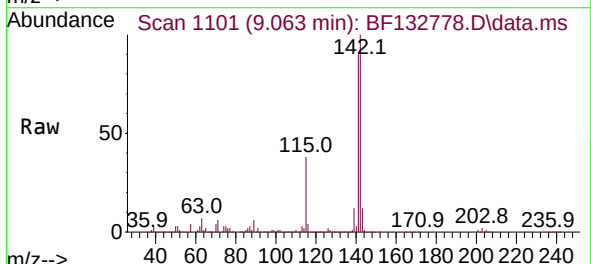
03/15/2023
Supervised By :Jagrut
Upadhyay

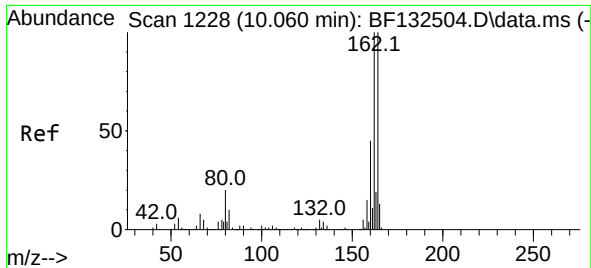
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#38
1-Methylnaphthalene
Concen: 37.774 ng
RT: 9.063 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

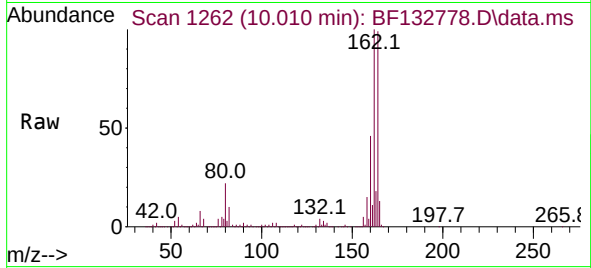
Tgt Ion:142 Resp: 997978
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



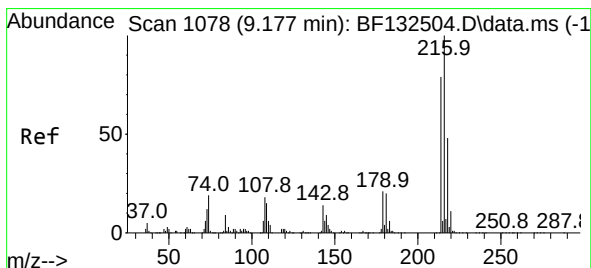
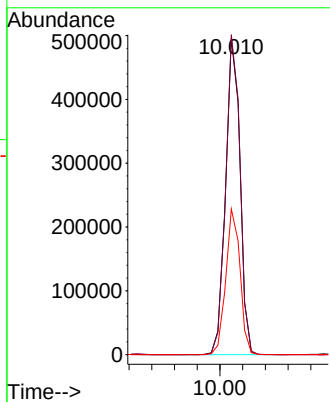
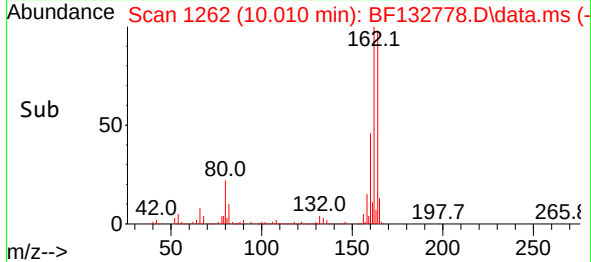
Tgt Ion:164 Resp: 436624
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.8
160 46.1 35.8 53.6

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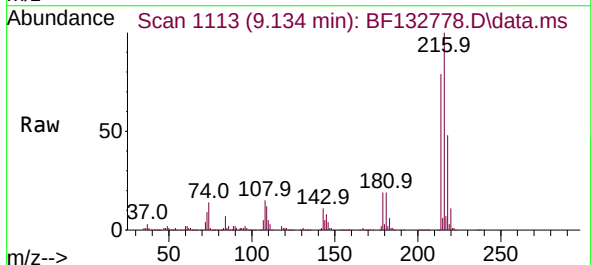
Reviewed By :Yogesh
Patel

03/15/2023
Supervised By :Jagrut
Upadhyay

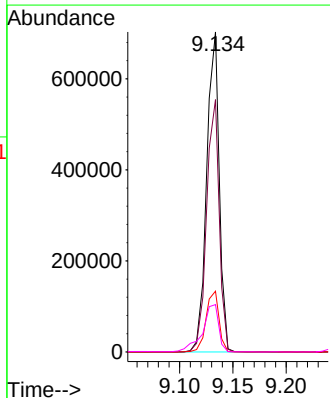
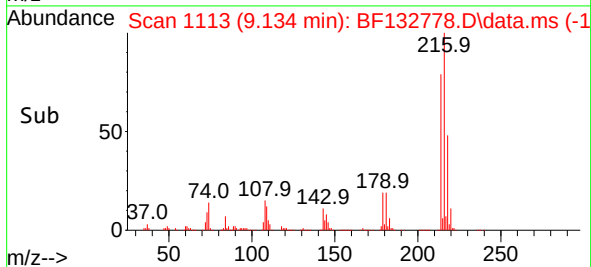
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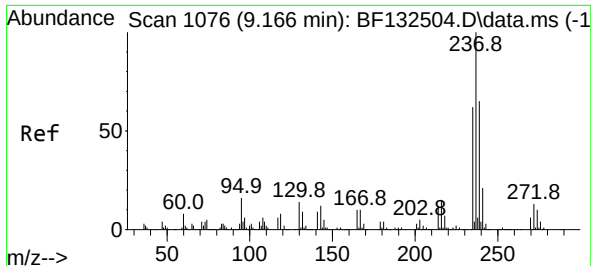


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.246 ng
RT: 9.134 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08



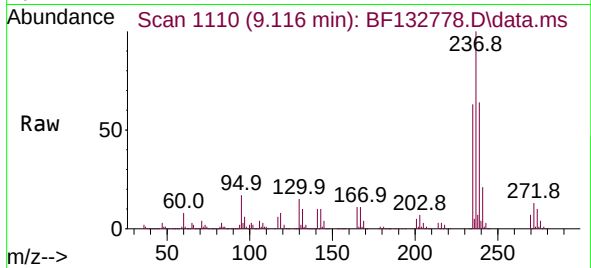
Tgt Ion:216 Resp: 574931
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.6
179 19.5 16.6 24.8
108 19.2 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 75.980 ng
RT: 9.116 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



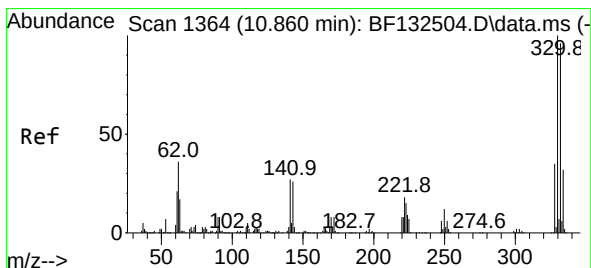
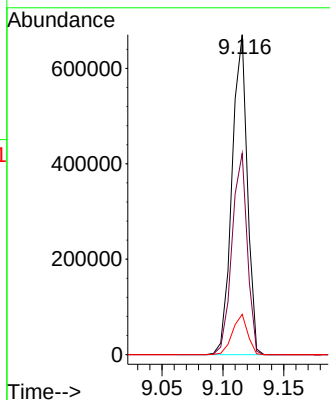
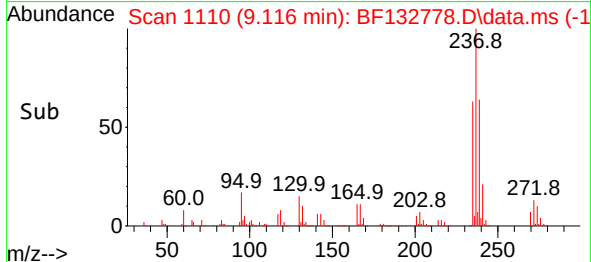
Tgt Ion:237 Resp: 588712
Ion Ratio Lower Upper
237 100
235 62.9 42.4 82.4
272 12.6 0.0 32.7

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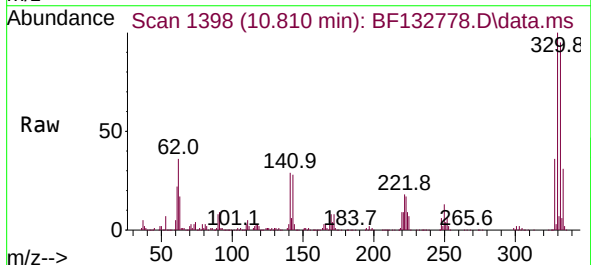
Reviewed By :Yogesh
Patel

03/15/2023
Supervised By :Jagrut
Upadhyay

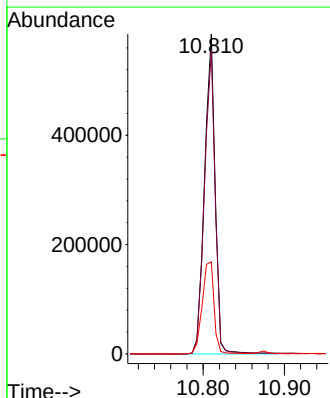
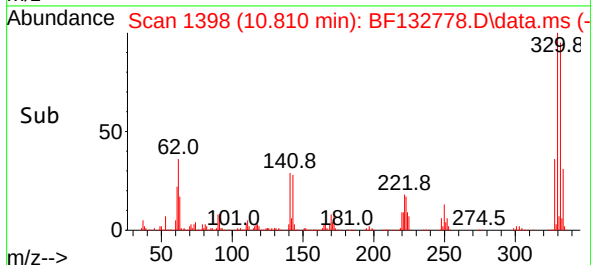
03/15/2023

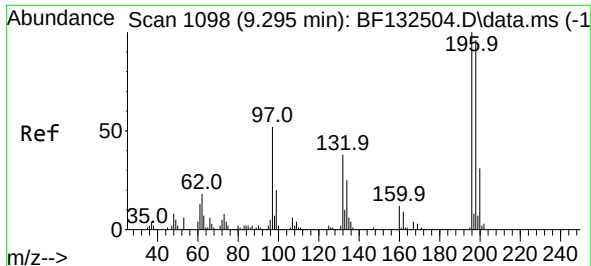


#42
2,4,6-Tribromophenol
Concen: 113.135 ng
RT: 10.810 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08



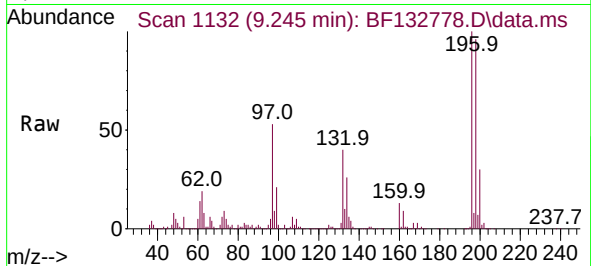
Tgt Ion:330 Resp: 533473
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 32.0 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 40.233 ng
RT: 9.245 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



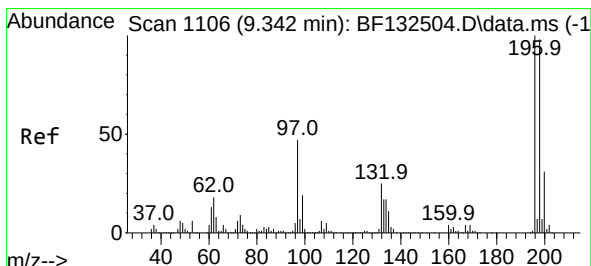
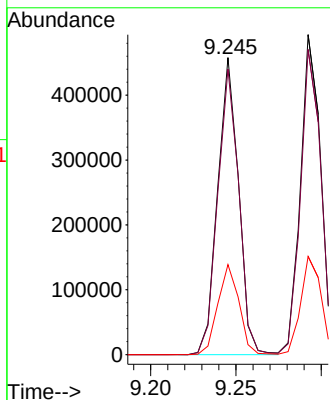
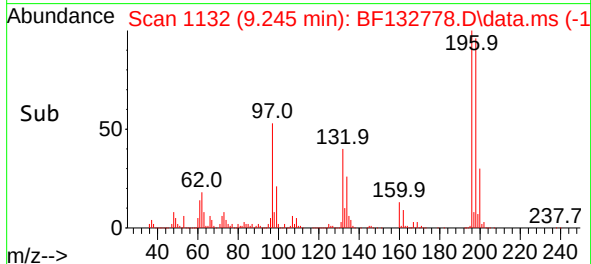
Tgt Ion:196 Resp: 389497
Ion Ratio Lower Upper
196 100
198 96.1 77.1 115.7
200 30.3 25.0 37.4

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Patel

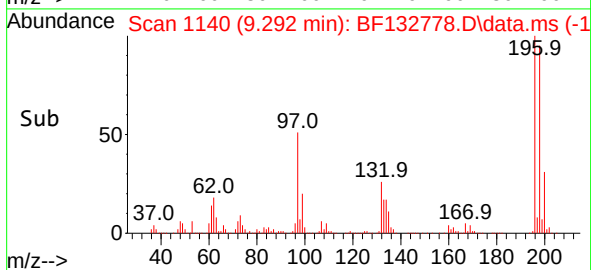
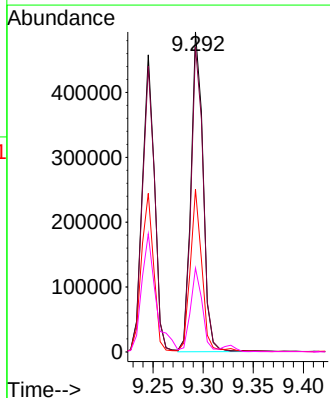
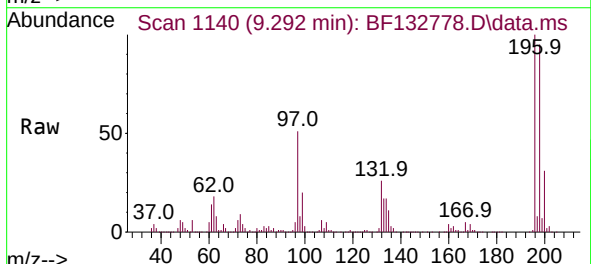
03/15/2023
Supervised By :Jagrut
Upadhyay

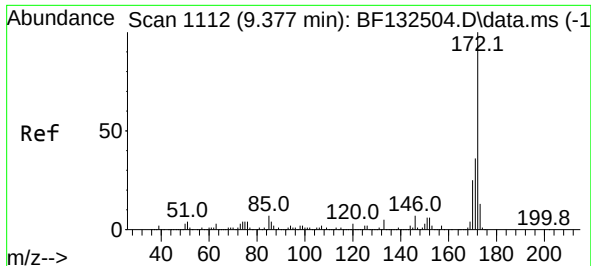
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#44
2,4,5-Trichlorophenol
Concen: 36.741 ng
RT: 9.292 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

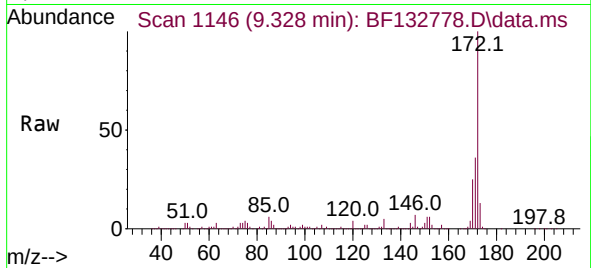
Tgt Ion:196 Resp: 415147
Ion Ratio Lower Upper
196 100
198 95.3 78.3 117.5
97 50.8 38.1 57.1
132 26.2 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 66.205 ng
RT: 9.328 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
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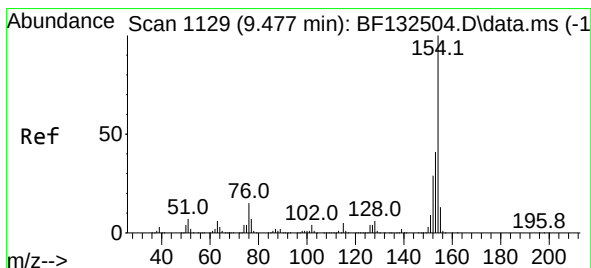
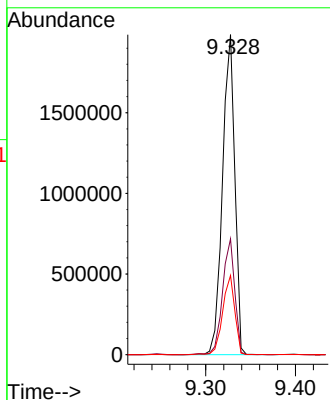
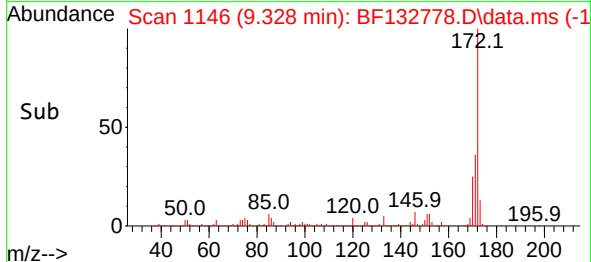
Tgt Ion:172 Resp: 1898434
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.7 19.7 29.5

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Patel

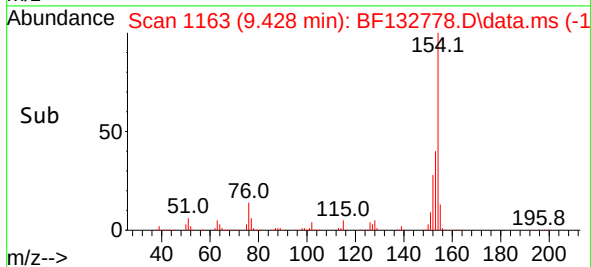
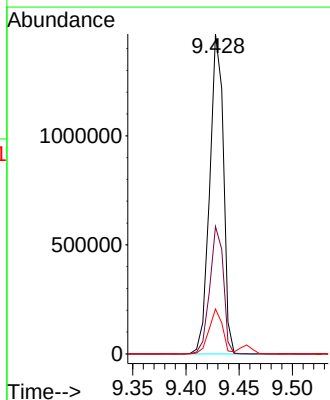
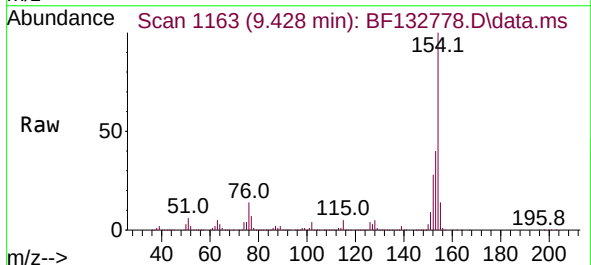
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Supervised By :Jagrut
Upadhyay

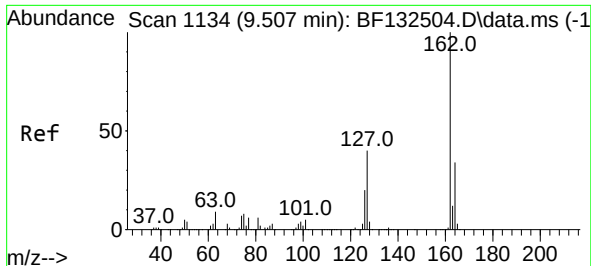
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#46
1,1'-Biphenyl
Concen: 39.707 ng
RT: 9.428 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

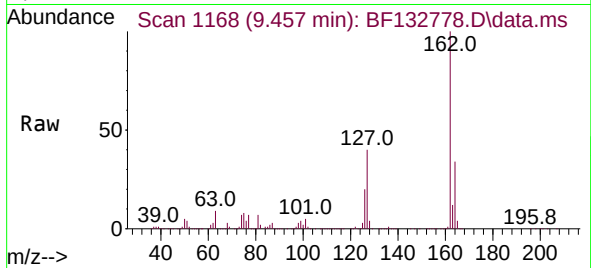
Tgt Ion:154 Resp: 1312217
Ion Ratio Lower Upper
154 100
153 39.8 20.9 60.9
76 14.0 0.0 34.7





#47
2-Chloronaphthalene
Concen: 40.396 ng
RT: 9.457 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



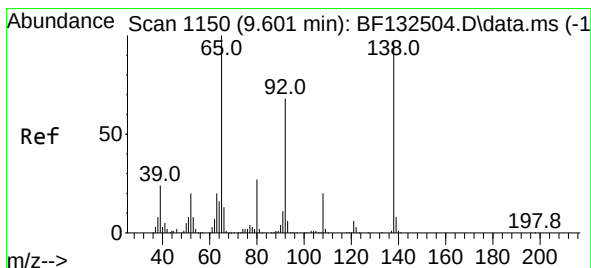
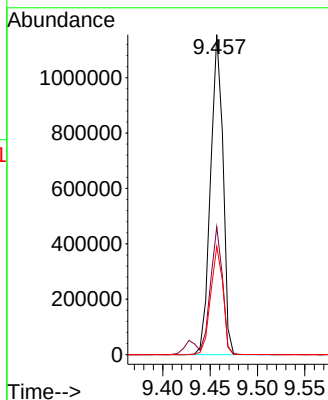
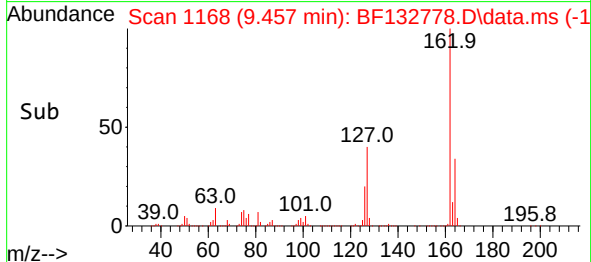
Tgt Ion:162 Resp: 1058436
Ion Ratio Lower Upper
162 100
127 39.9 32.3 48.5
164 33.8 26.9 40.3

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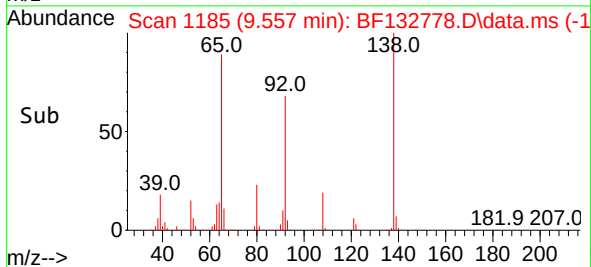
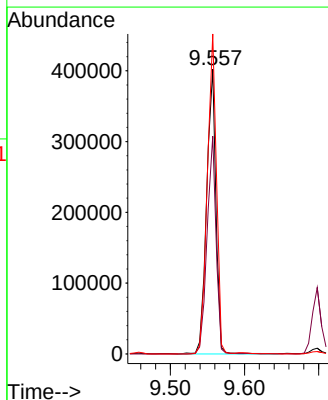
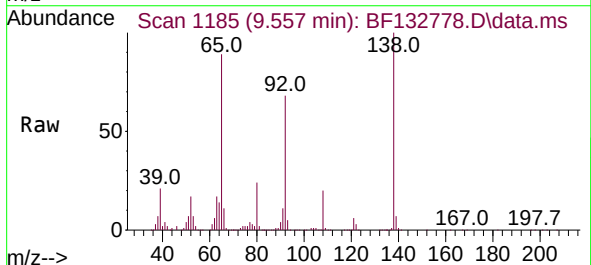
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Supervised By :Jagrut
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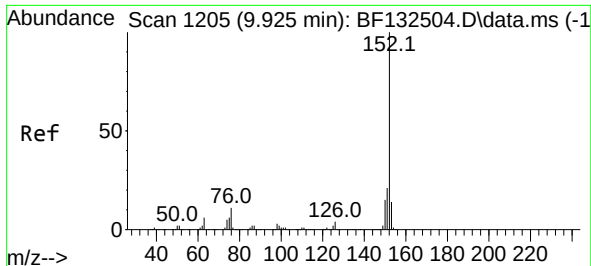
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#48
2-Nitroaniline
Concen: 36.145 ng
RT: 9.557 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

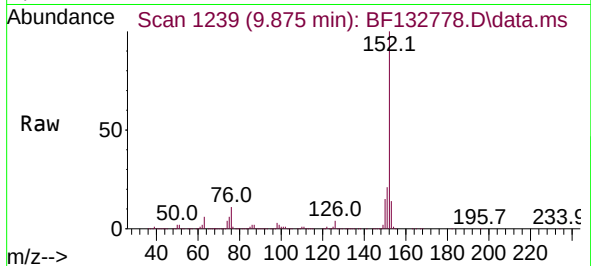
Tgt Ion: 65 Resp: 348806
Ion Ratio Lower Upper
65 100
92 76.5 54.5 81.7
138 112.5 77.2 115.8





#49
Acenaphthylene
Concen: 38.877 ng
RT: 9.875 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
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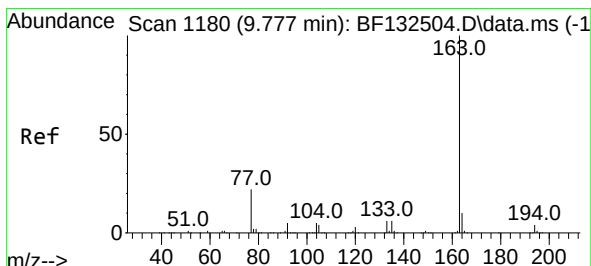
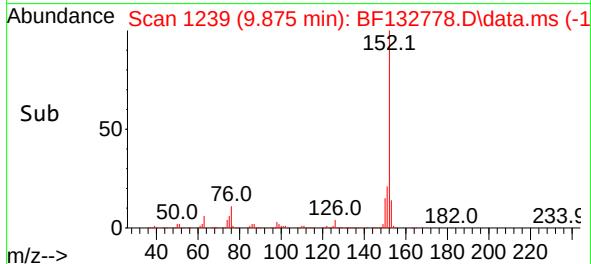
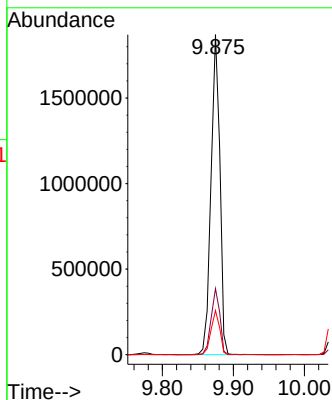
Tgt Ion:152 Resp: 1621190
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.8 11.0 16.6

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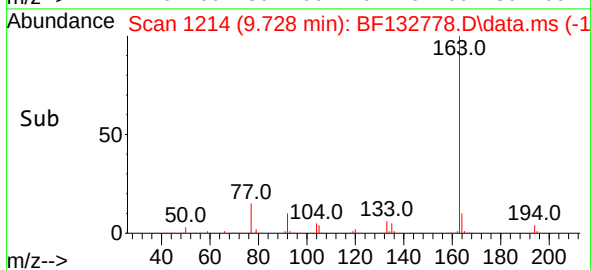
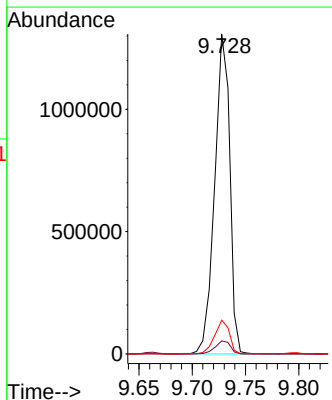
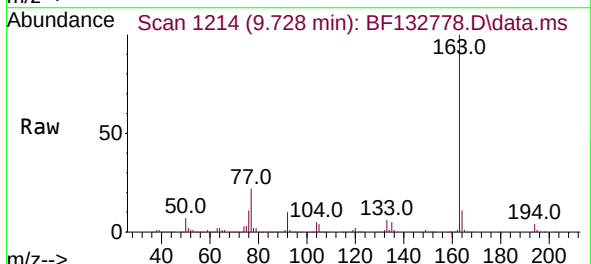
03/15/2023
Supervised By :Jagrut
Upadhyay

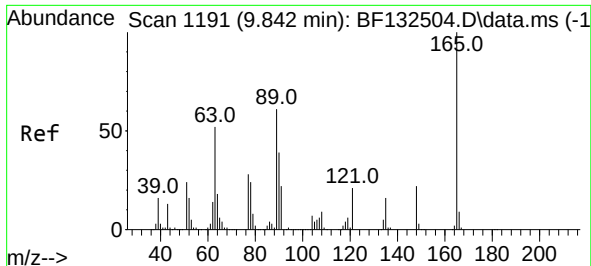
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#50
Dimethylphthalate
Concen: 40.684 ng
RT: 9.728 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:163 Resp: 1293415
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 41.379 ng
RT: 9.798 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

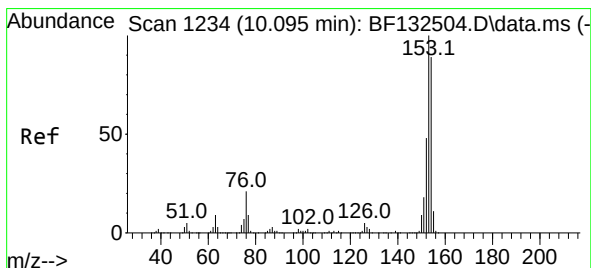
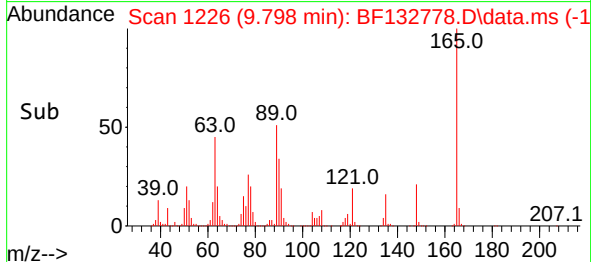
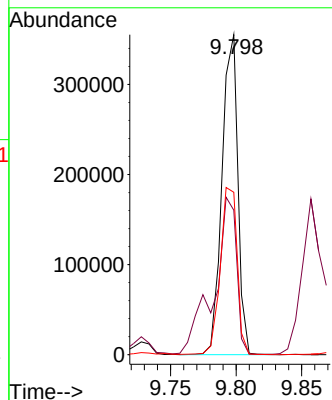
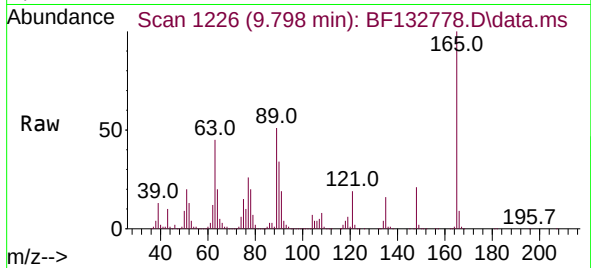
Tgt Ion:165 Resp: 299594
Ion Ratio Lower Upper
165 100
63 45.1 47.3 70.9
89 50.7 48.9 73.3

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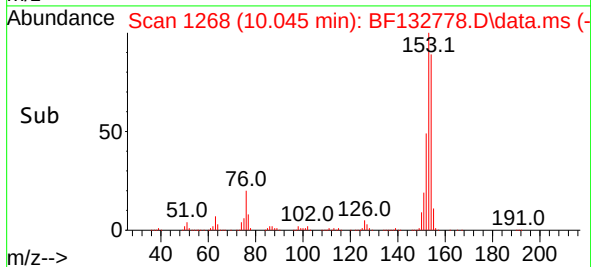
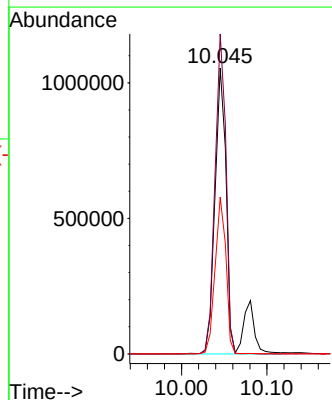
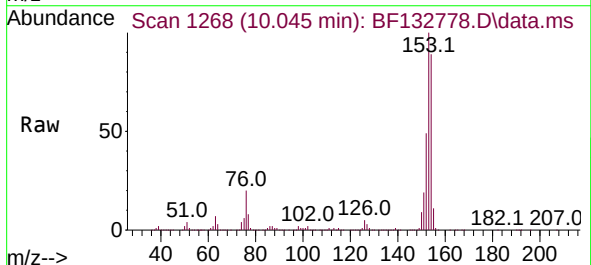
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Supervised By :Jagrut
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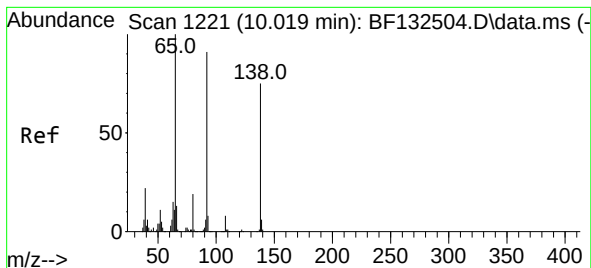
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#52
Acenaphthene
Concen: 42.267 ng m
RT: 10.045 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

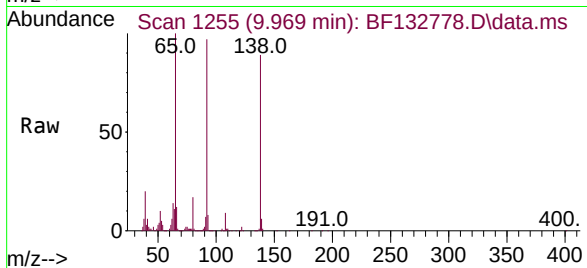
Tgt Ion:154 Resp: 1119180
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.8
152 54.8 43.3 64.9





#53
3-Nitroaniline
Concen: 17.470 ng
RT: 9.969 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
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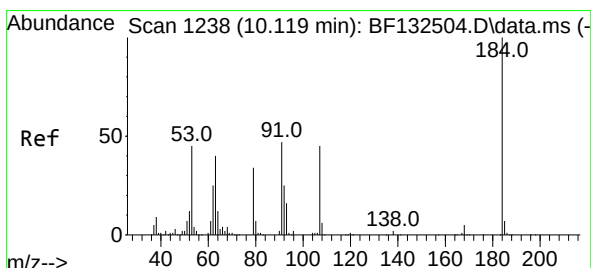
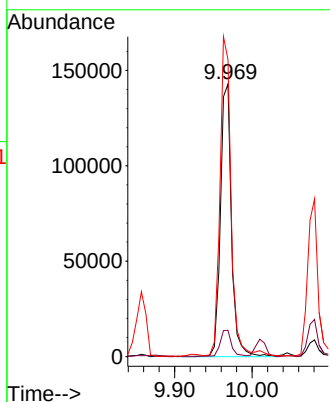
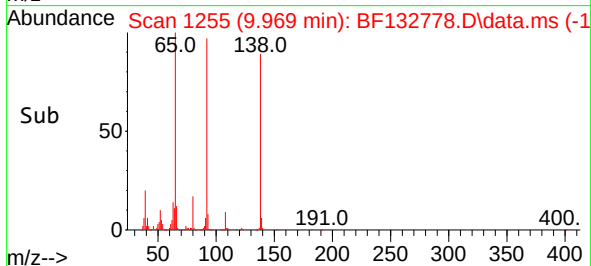
Tgt Ion:138 Resp: 141489
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 109.0 97.2 145.8

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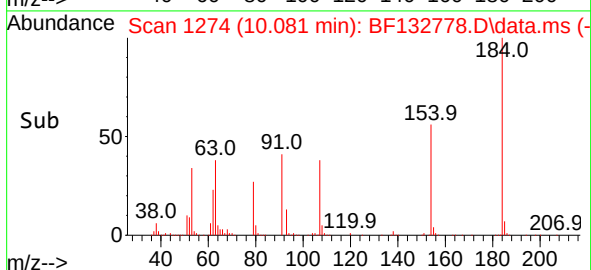
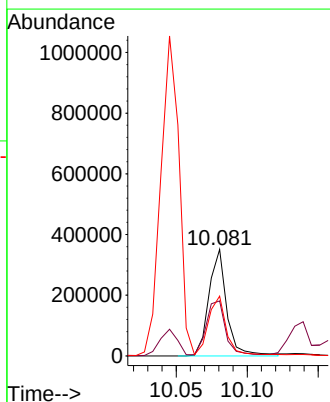
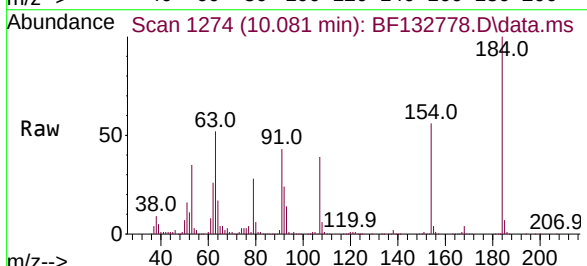
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Supervised By :Jagrut
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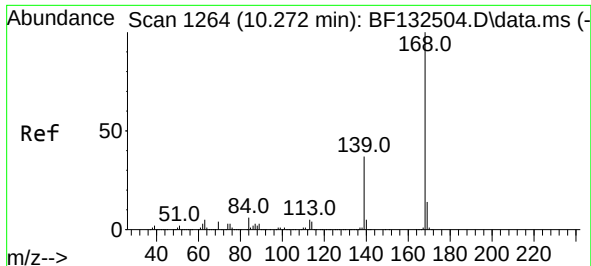
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#54
2,4-Dinitrophenol
Concen: 67.685 ng
RT: 10.081 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

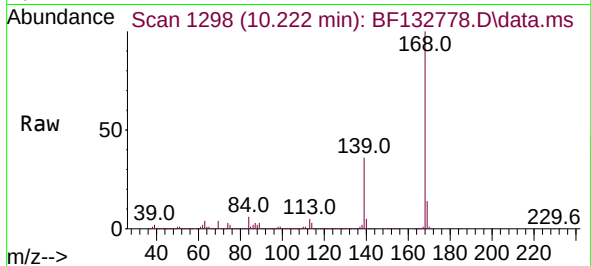
Tgt Ion:184 Resp: 307486
Ion Ratio Lower Upper
184 100
63 51.7 51.4 77.2
154 56.1 48.3 72.5





#55
Dibenzenofuran
Concen: 37.682 ng
RT: 10.222 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



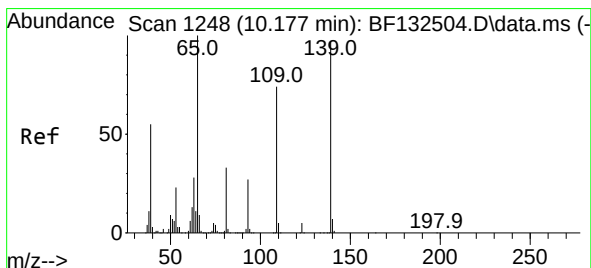
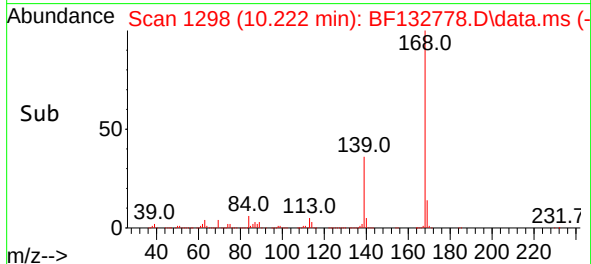
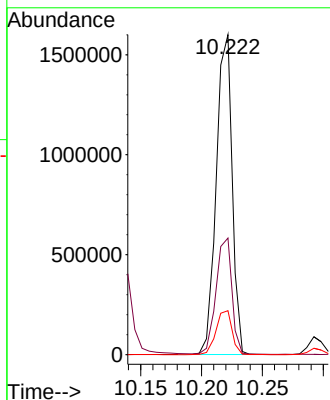
Tgt Ion:168 Resp: 1454616
Ion Ratio Lower Upper
168 100
139 36.4 29.8 44.6
169 13.7 10.9 16.3

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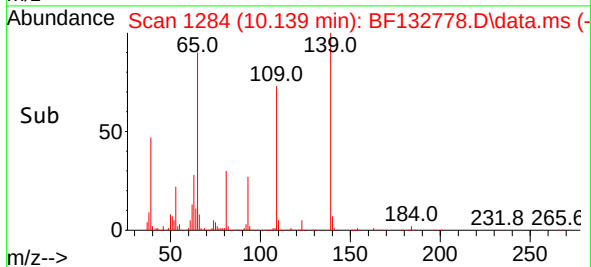
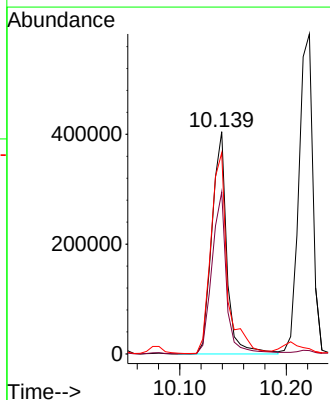
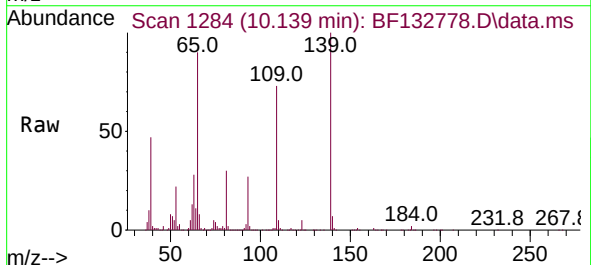
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Upadhyay

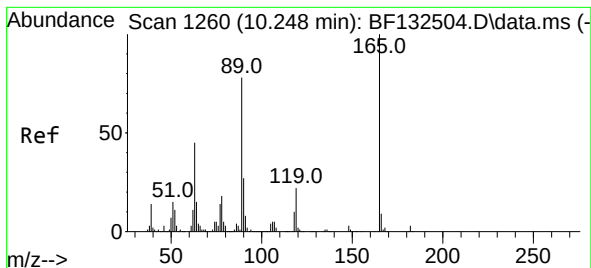
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#56
4-Nitrophenol
Concen: 65.203 ng
RT: 10.139 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:139 Resp: 393829
Ion Ratio Lower Upper
139 100
109 72.9 56.7 96.7
65 90.5 83.5 123.5





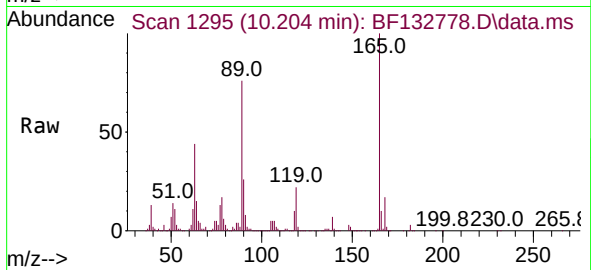
#57
2,4-Dinitrotoluene
Concen: 40.173 ng
RT: 10.204 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:165 Resp: 386955
Ion Ratio Lower Upper
165 100
63 43.9 36.5 54.7
89 76.0 62.4 93.6
182 2.6 2.1 3.1

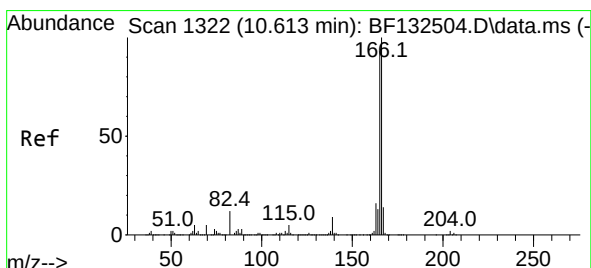
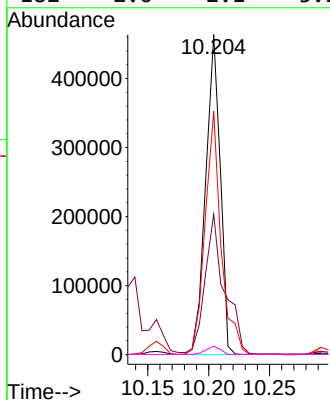
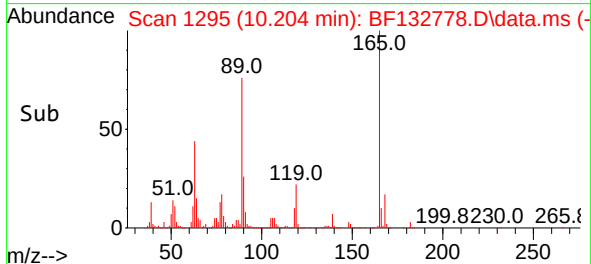
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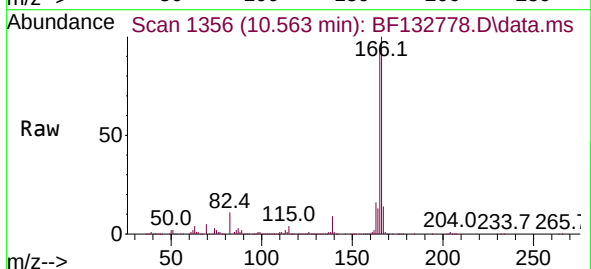
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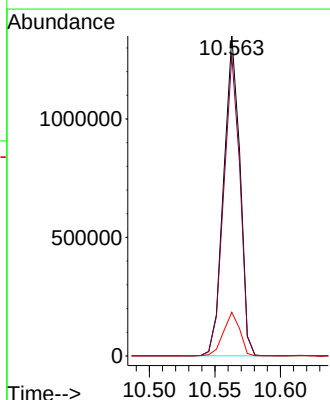
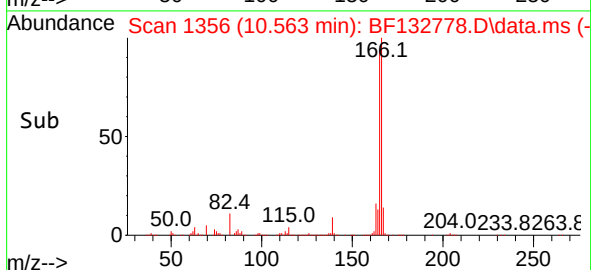
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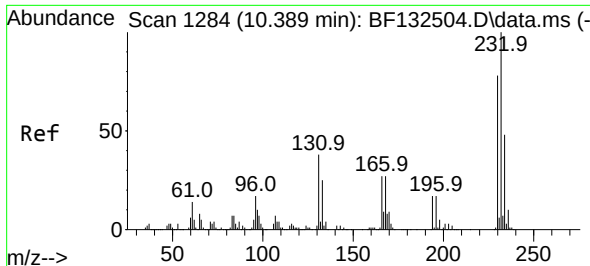


#58
Fluorene
Concen: 39.330 ng
RT: 10.563 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08



Tgt Ion:166 Resp: 1161289
Ion Ratio Lower Upper
166 100
165 93.9 74.2 111.4
167 13.6 11.1 16.7





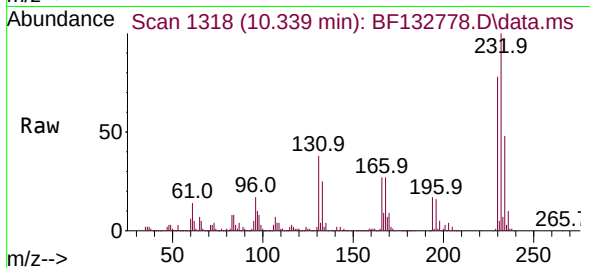
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.821 ng
RT: 10.339 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:232 Resp: 351025
Ion Ratio Lower Upper
232 100
131 39.5 33.8 50.8
130 2.0 1.7 2.5
166 27.7 23.4 35.0

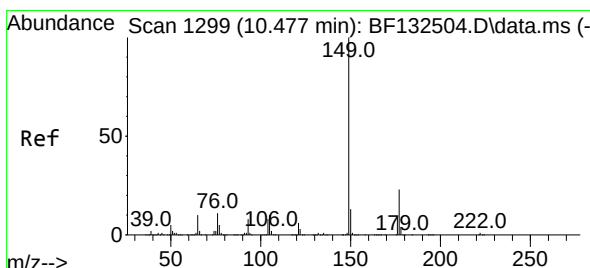
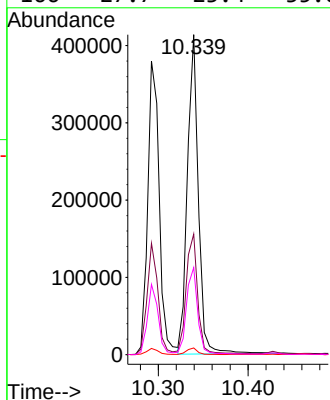
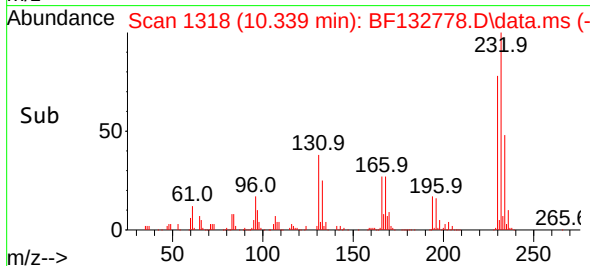
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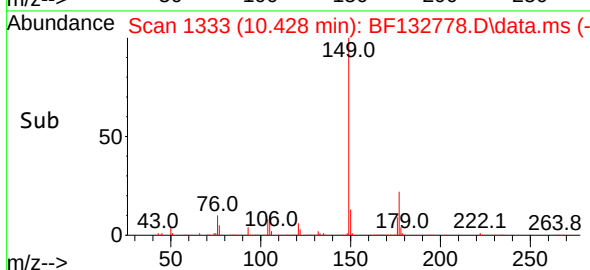
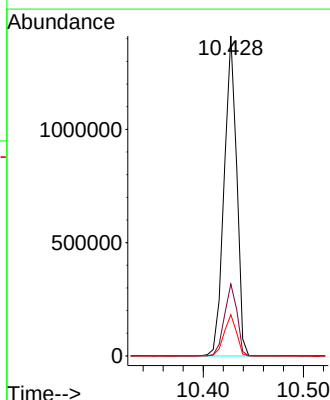
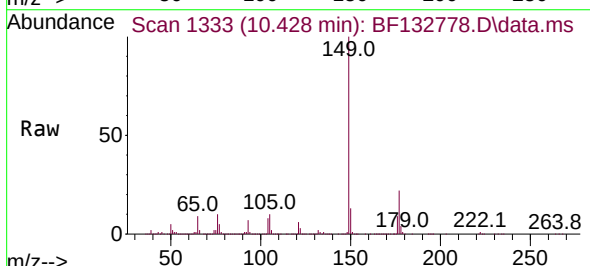
Supervised By :Jagrut
Upadhyay

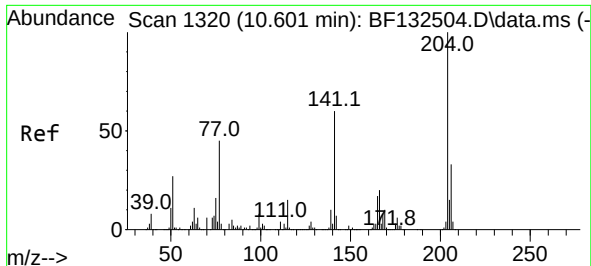
03/15/2023



#60
Diethylphthalate
Concen: 39.564 ng
RT: 10.428 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:149 Resp: 1228449
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.319 ng
RT: 10.551 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

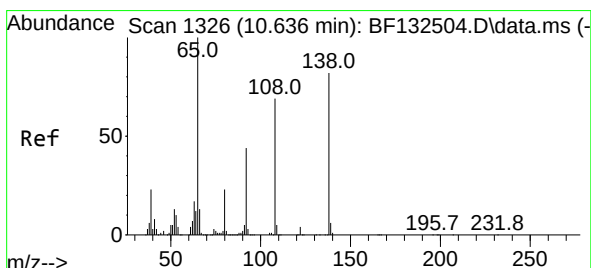
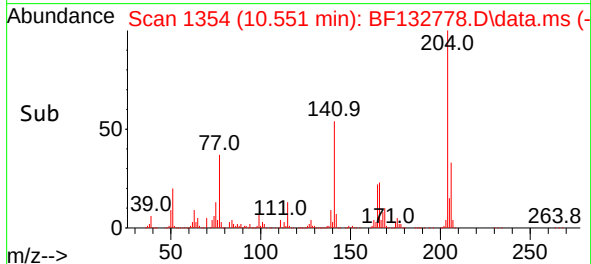
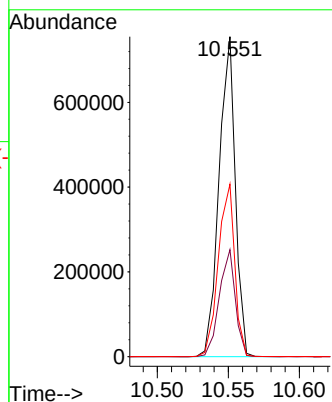
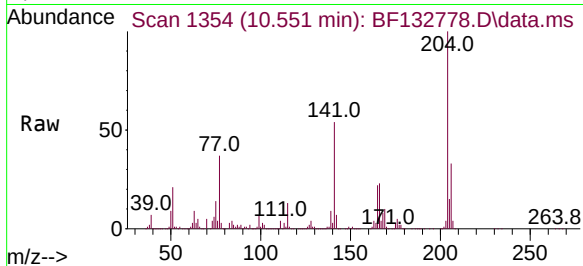
Tgt Ion:204 Resp: 602276
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 53.9 47.8 71.8

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Reviewed By :Yogesh
Patel

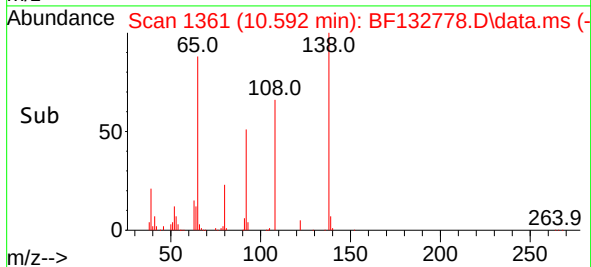
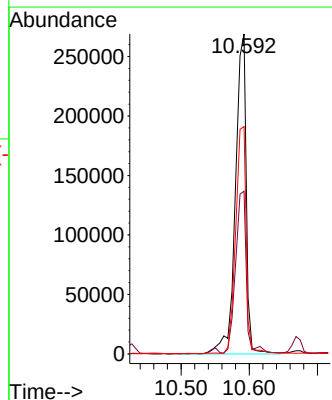
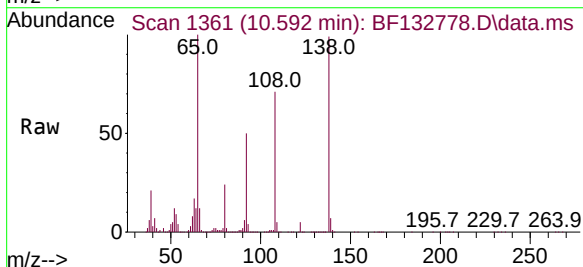
03/15/2023
Supervised By :Jagrut
Upadhyay

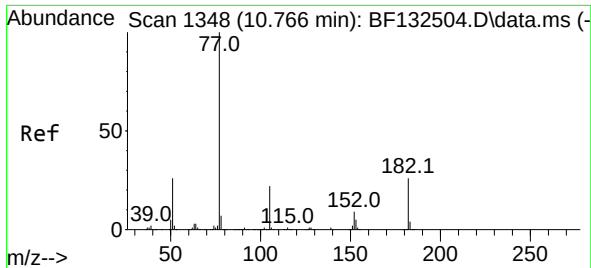
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#62
4-Nitroaniline
Concen: 37.287 ng
RT: 10.592 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

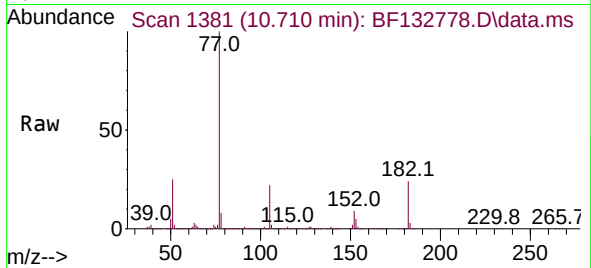
Tgt Ion:138 Resp: 296438
Ion Ratio Lower Upper
138 100
92 50.8 33.8 73.8
108 71.0 63.7 103.7





#63
Azobenzene
Concen: 37.816 ng
RT: 10.710 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



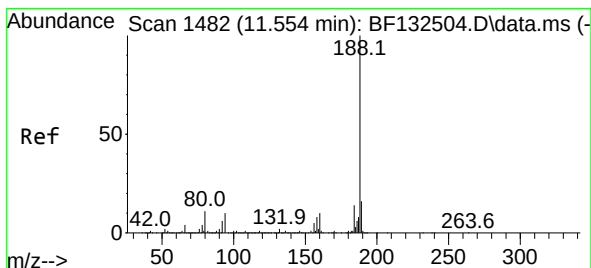
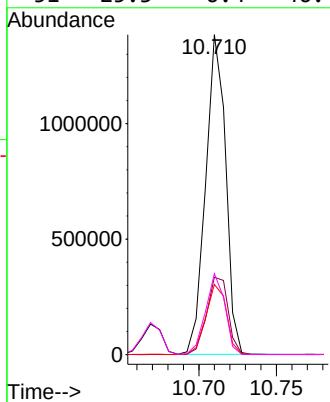
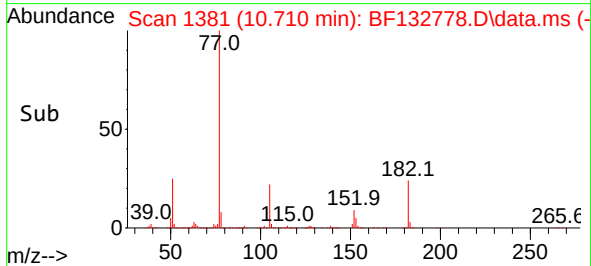
Tgt Ion: 77 Resp: 1243510
Ion Ratio Lower Upper
77 100
182 24.2 5.5 45.5
105 21.9 1.8 41.8
51 25.3 6.4 46.4

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Reviewed By :Yogesh
Patel

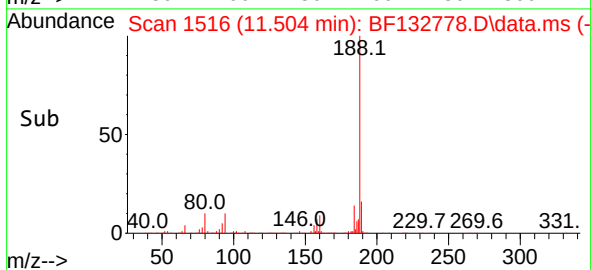
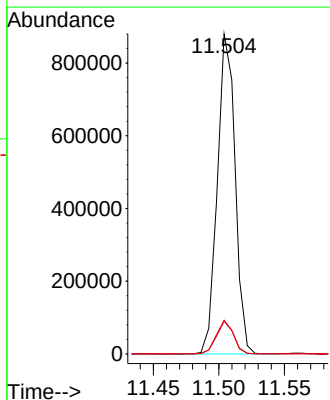
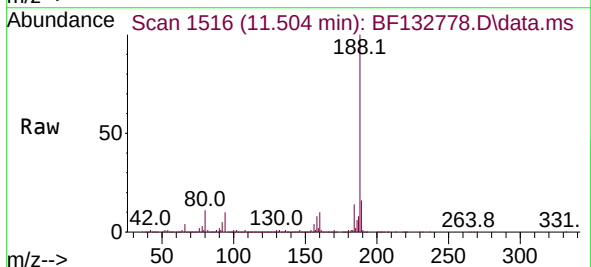
03/15/2023
Supervised By :Jagrut
Upadhyay

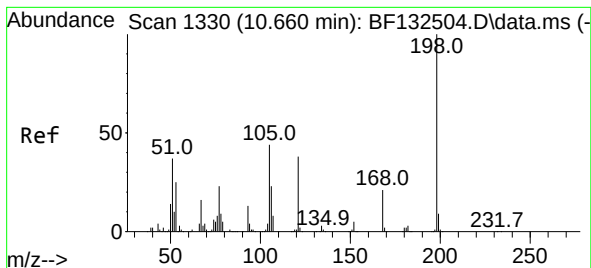
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

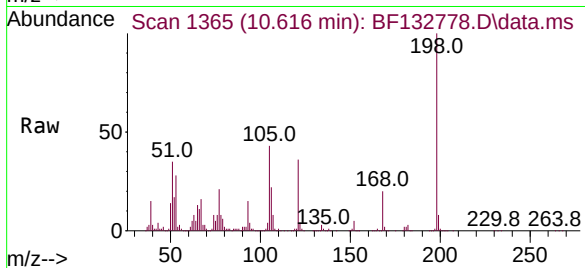
Tgt Ion:188 Resp: 831673
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.5 8.7 13.1





#65
4,6-Dinitro-2-methylphenol
Concen: 39.944 ng
RT: 10.616 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



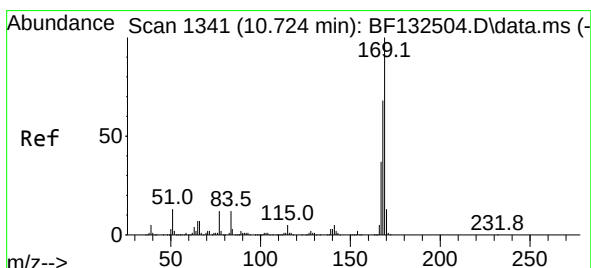
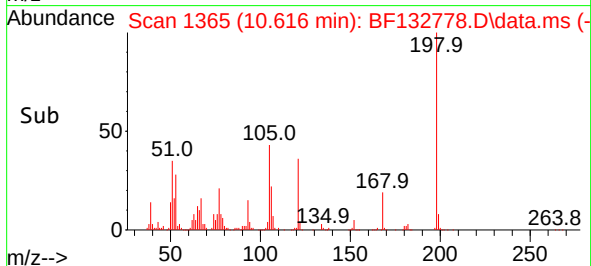
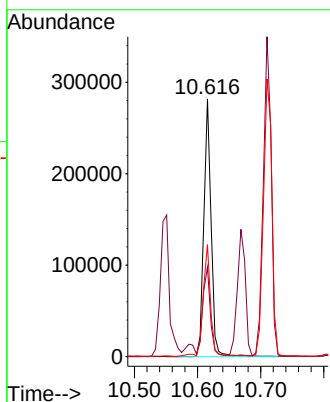
Tgt Ion:198 Resp: 224883
Ion Ratio Lower Upper
198 100
51 34.7 20.6 60.6
105 43.4 24.3 64.3

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Reviewed By :Yogesh
Patel

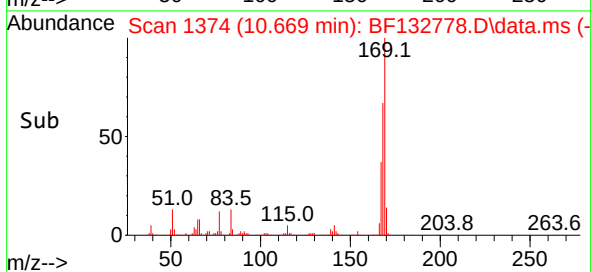
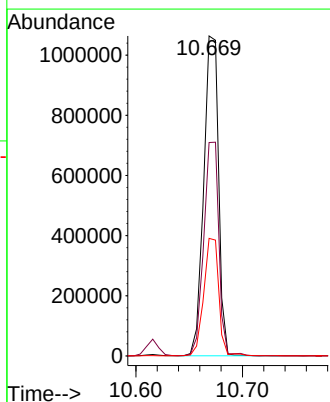
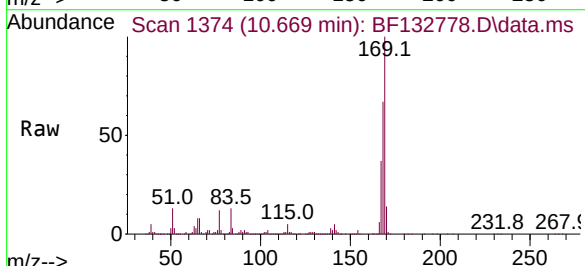
03/15/2023
Supervised By :Jagrut
Upadhyay

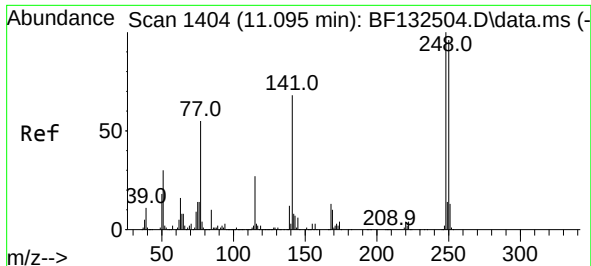
03/15/2023



#66
n-Nitrosodiphenylamine
Concen: 39.541 ng
RT: 10.669 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

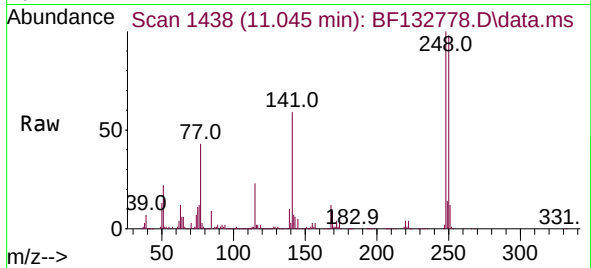
Tgt Ion:169 Resp: 1025220
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.4
167 36.7 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 41.495 ng
RT: 11.045 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



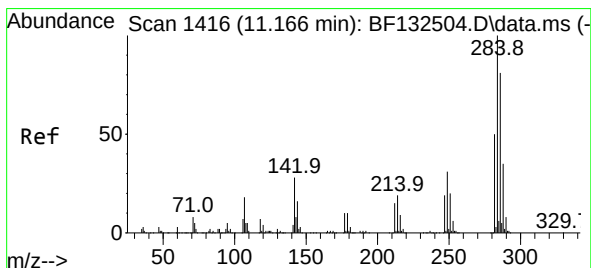
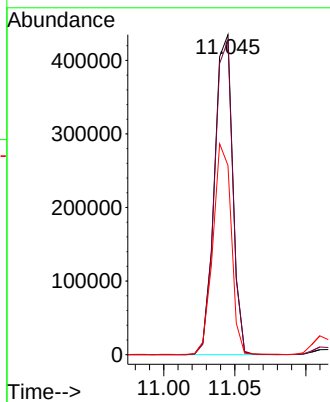
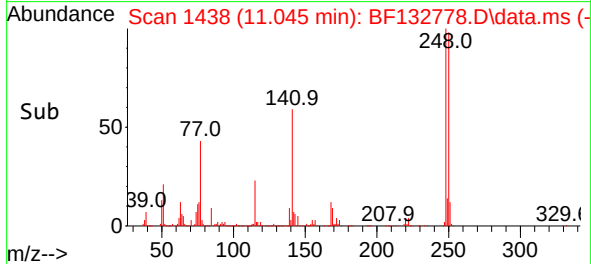
Tgt Ion:248 Resp: 390363
Ion Ratio Lower Upper
248 100
250 98.1 77.0 115.4
141 59.1 54.2 81.2

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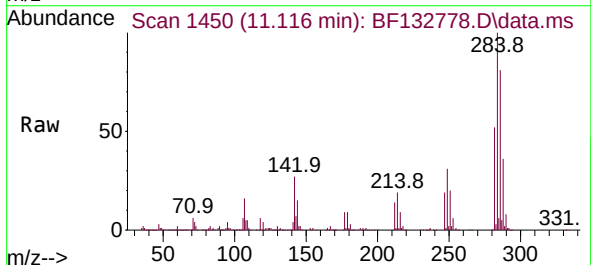
Reviewed By :Yogesh
Patel

03/15/2023
Supervised By :Jagrut
Upadhyay

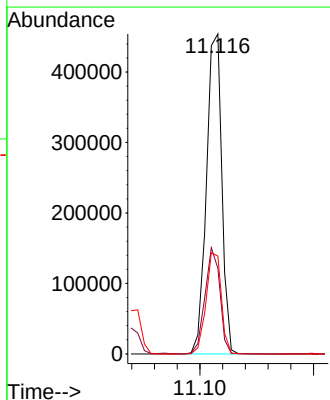
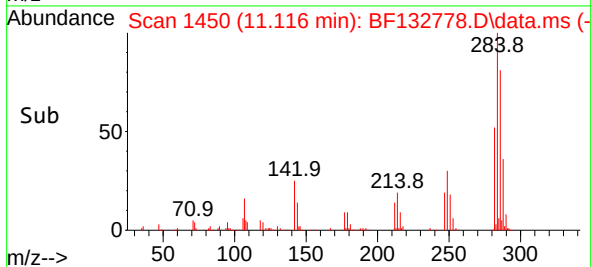
03/15/2023

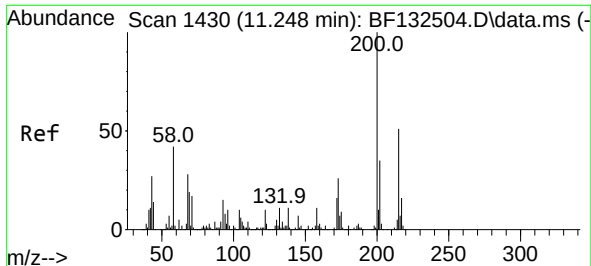


#68
Hexachlorobenzene
Concen: 43.274 ng
RT: 11.116 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08



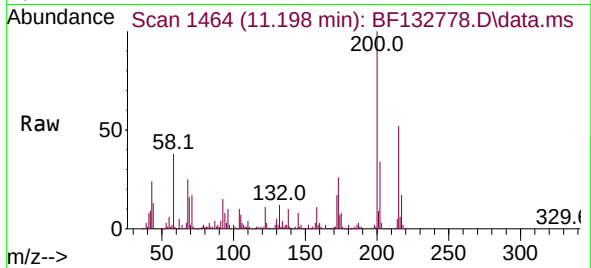
Tgt Ion:284 Resp: 428363
Ion Ratio Lower Upper
284 100
142 26.7 22.2 33.4
249 30.6 24.9 37.3





#69
Atrazine
Concen: 40.573 ng
RT: 11.198 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



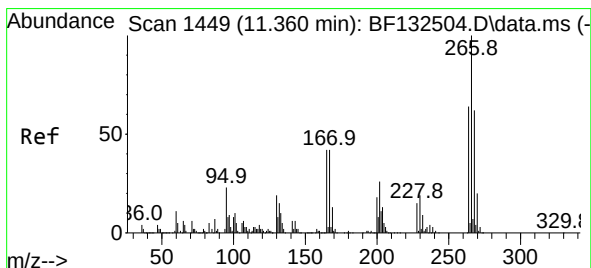
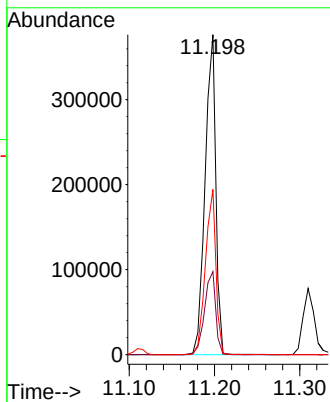
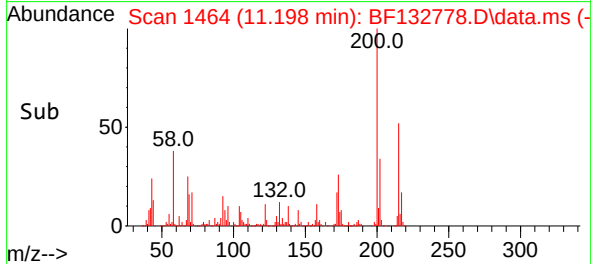
Tgt Ion:200 Resp: 328418
Ion Ratio Lower Upper
200 100
173 26.0 6.4 46.4
215 51.6 31.0 71.0

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Reviewed By :Yogesh
Patel

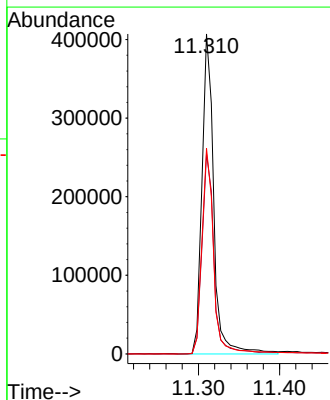
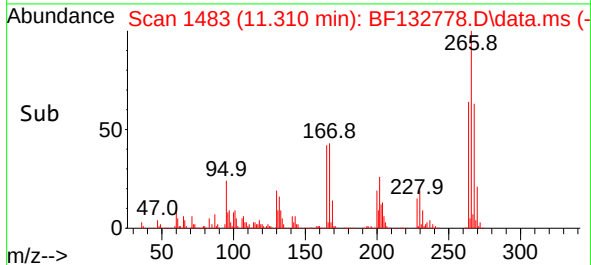
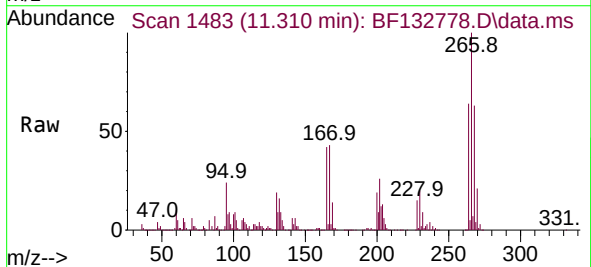
03/15/2023
Supervised By :Jagrut
Upadhyay

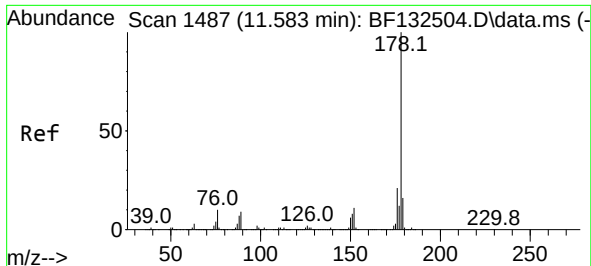
03/15/2023



#70
Pentachlorophenol
Concen: 69.551 ng
RT: 11.310 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:266 Resp: 409622
Ion Ratio Lower Upper
266 100
268 62.5 49.8 74.6
264 64.2 50.9 76.3





#71
Phenanthrene
Concen: 39.300 ng
RT: 11.533 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS

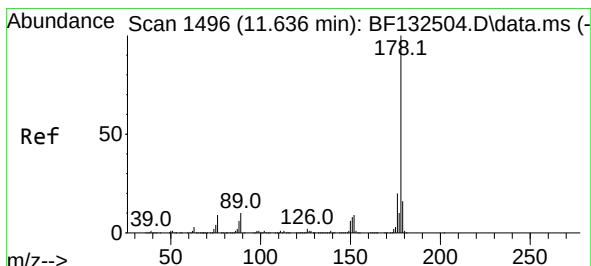
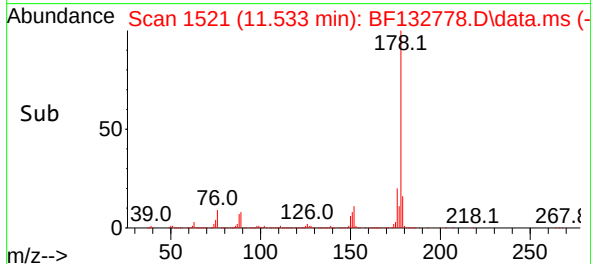
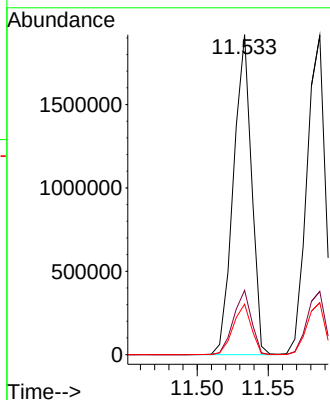
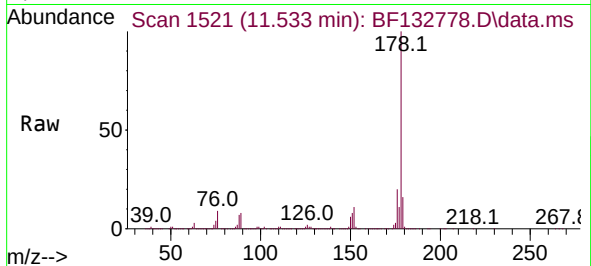
Tgt Ion:178 Resp: 1693220
Ion Ratio Lower Upper
178 100
176 20.1 16.5 24.7
179 15.8 13.0 19.6

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Patel

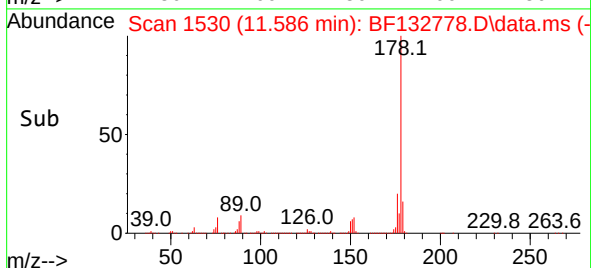
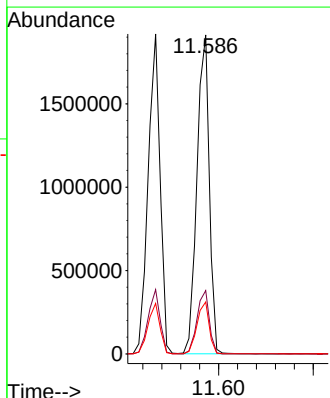
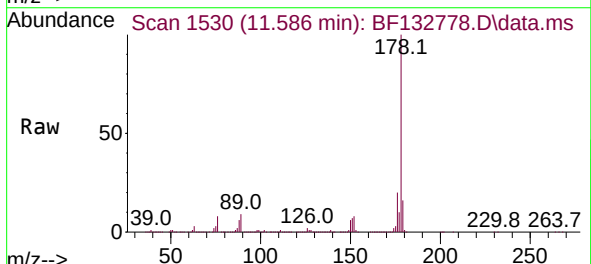
03/15/2023
Supervised By :Jagrut
Upadhyay

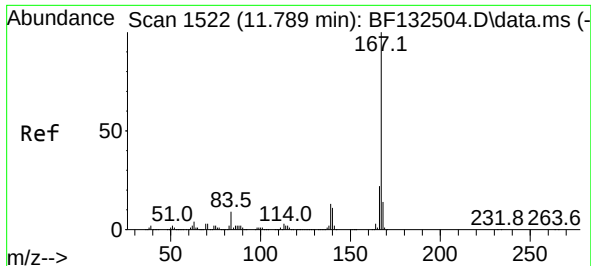
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#72
Anthracene
Concen: 38.944 ng
RT: 11.586 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

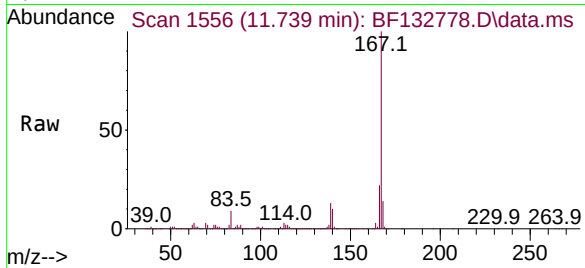
Tgt Ion:178 Resp: 1727840
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.3 12.5 18.7





#73
 Carbazole
 Concen: 38.957 ng
 RT: 11.739 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOILMS



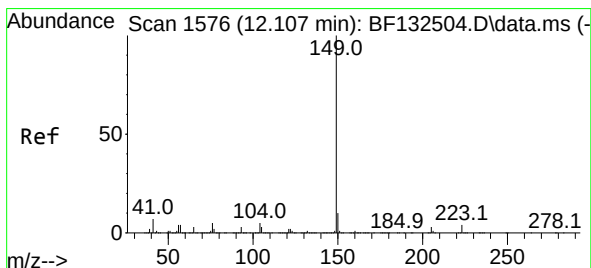
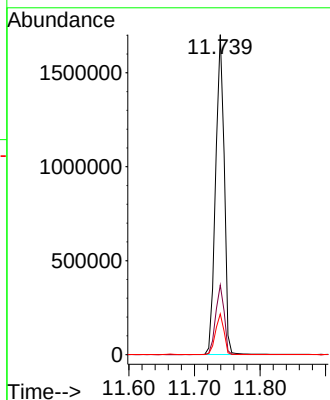
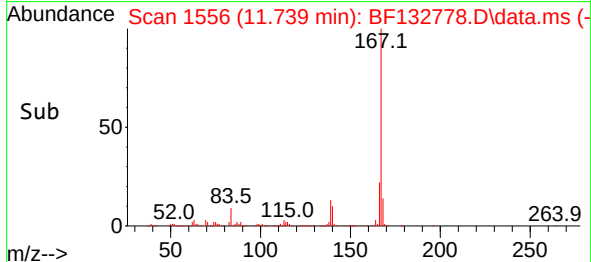
Tgt Ion:167 Resp: 155833
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 12.7 10.5 15.7

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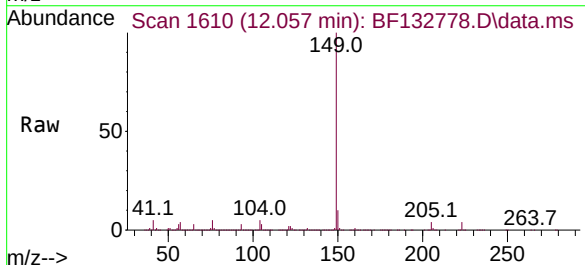
Reviewed By :Yogesh
 Patel

03/15/2023
 Supervised By :Jagrut
 Upadhyay

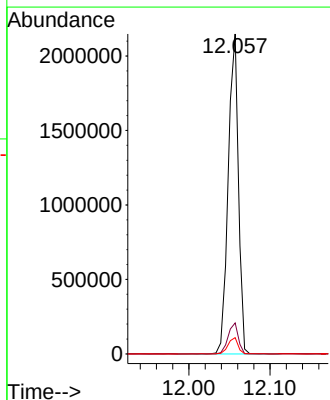
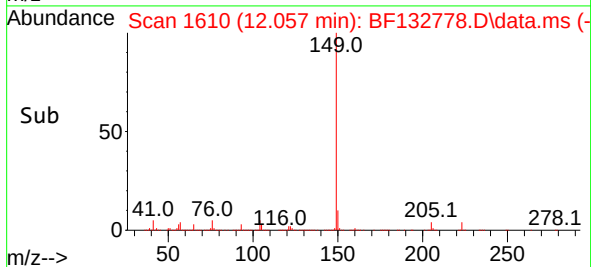
03/15/2023

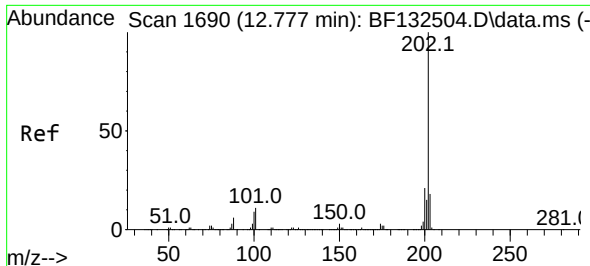


#74
 Di-n-butylphthalate
 Concen: 39.811 ng
 RT: 12.057 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF132778.D
 Acq: 14 Mar 2023 15:08



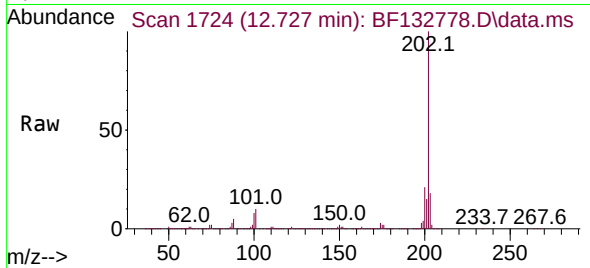
Tgt Ion:149 Resp: 1868023
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 37.141 ng
RT: 12.727 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



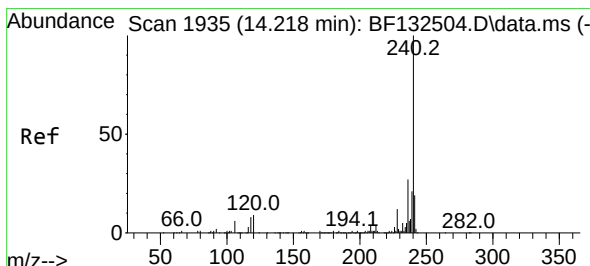
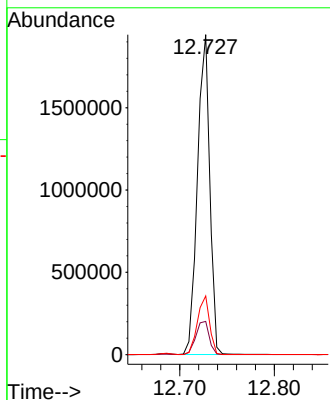
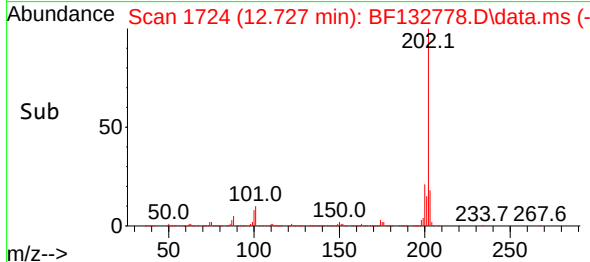
Tgt Ion:202 Resp: 1749368
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.4
203 18.3 0.0 38.0

Manual Integrations
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Reviewed By :Yogesh
Patel

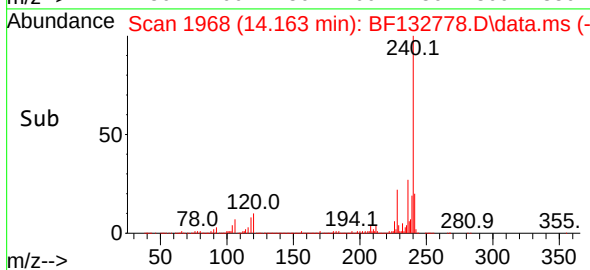
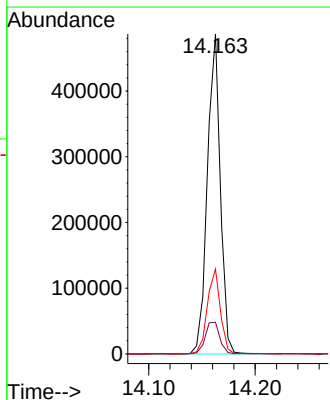
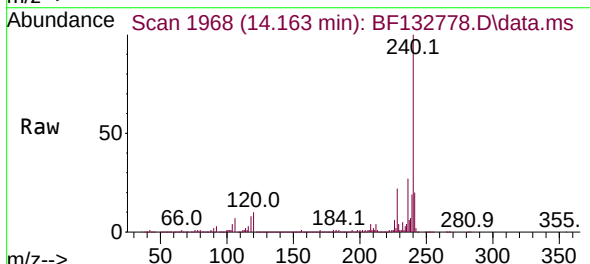
03/15/2023
Supervised By :Jagrut
Upadhyay

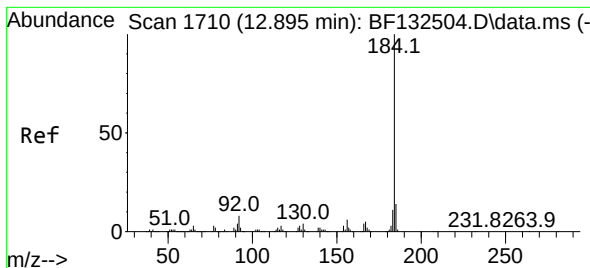
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:240 Resp: 411267
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 26.5 21.8 32.6





#77

Benzidine

Concen: 13.032 ng

RT: 12.845 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

Tgt Ion:184 Resp: 130469

Ion Ratio Lower Upper

184 100

185 15.4 11.7 17.5

183 11.2 8.7 13.1

Manual Integrations

APPROVED

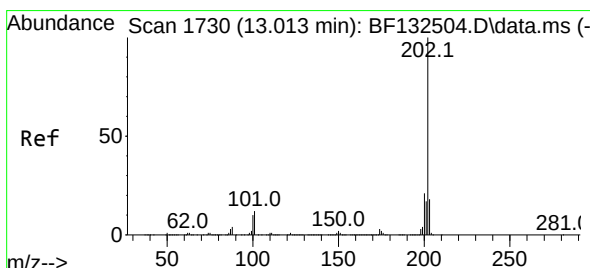
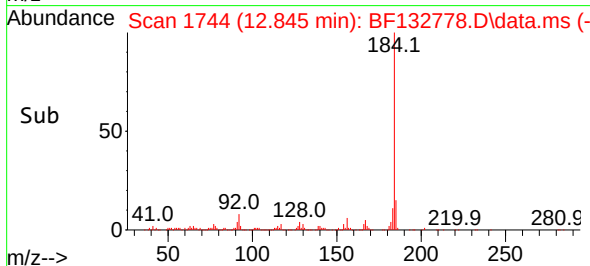
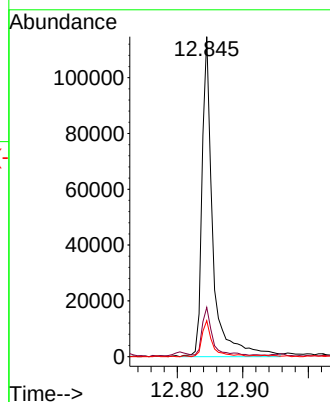
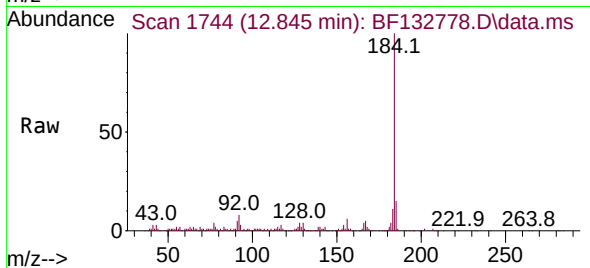
Reviewed By :Yogesh

Patel

03/15/2023

Supervised By :Jagrut
Upadhyay

03/15/2023



#78

Pyrene

Concen: 47.331 ng

RT: 12.957 min Scan# 1763

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

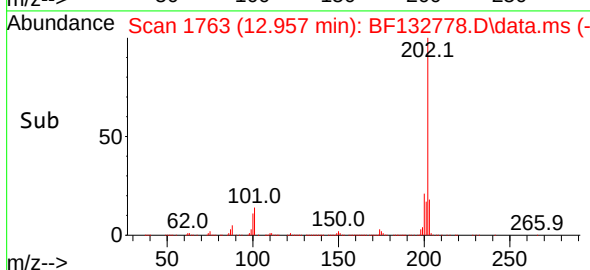
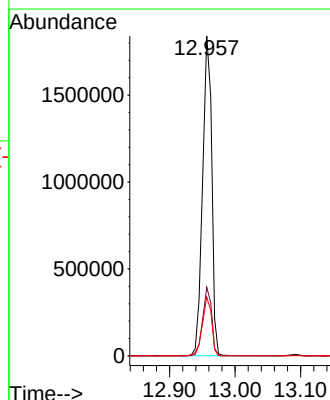
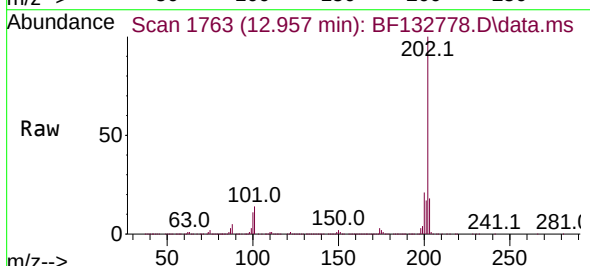
Tgt Ion:202 Resp: 1769761

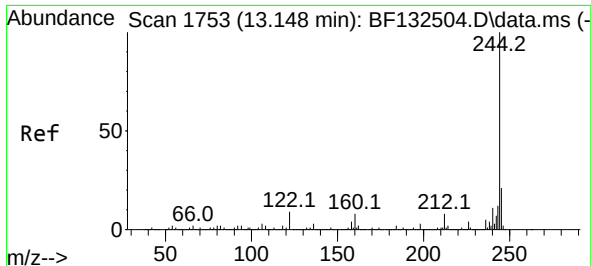
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

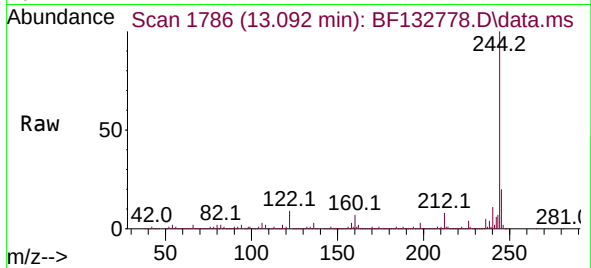
203 18.4 14.6 21.8





#79
Terphenyl-d14
Concen: 96.117 ng
RT: 13.092 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



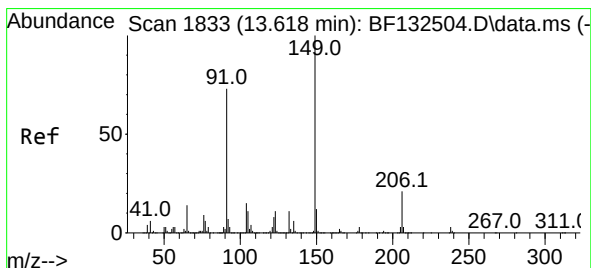
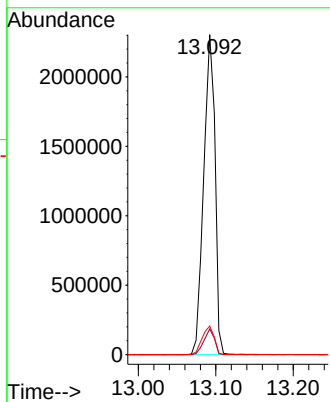
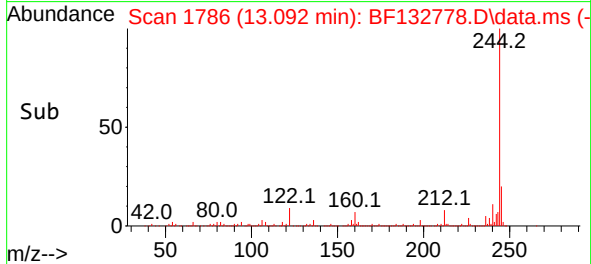
Tgt Ion:244 Resp: 233800
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 8.9 7.5 11.3

Manual Integrations
APPROVED

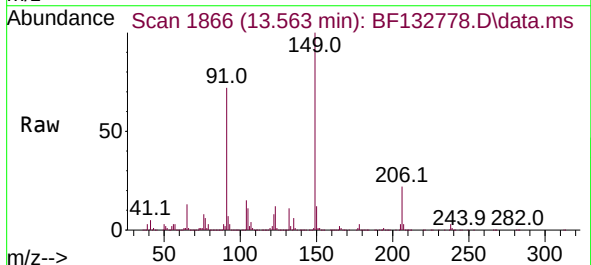
Reviewed By :Yogesh
Patel

03/15/2023
Supervised By :Jagrut
Upadhyay

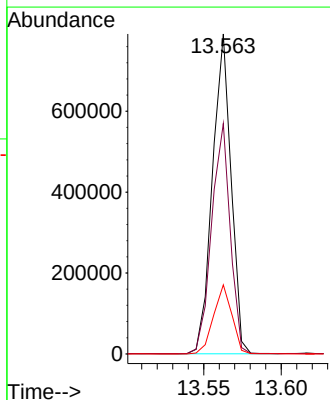
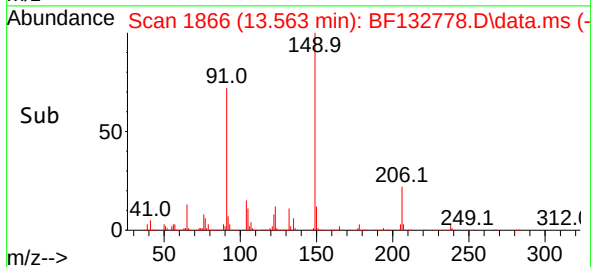
03/15/2023

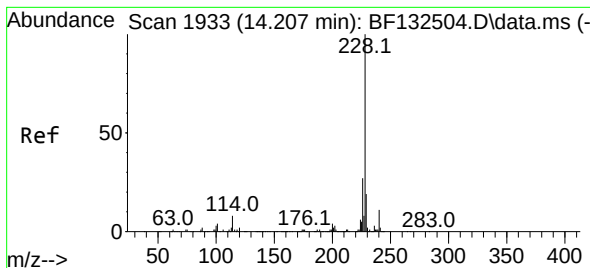


#80
Butylbenzylphthalate
Concen: 44.872 ng
RT: 13.563 min Scan# 1866
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08



Tgt Ion:149 Resp: 662104
Ion Ratio Lower Upper
149 100
91 72.0 58.4 87.6
206 21.6 16.8 25.2





#81

Benzo(a)anthracene

Concen: 41.434 ng

RT: 14.151 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

Tgt Ion:228 Resp: 1275008

Ion Ratio Lower Upper

228 100

226 28.1 21.7 32.5

229 21.0 15.4 23.2

Manual Integrations

APPROVED

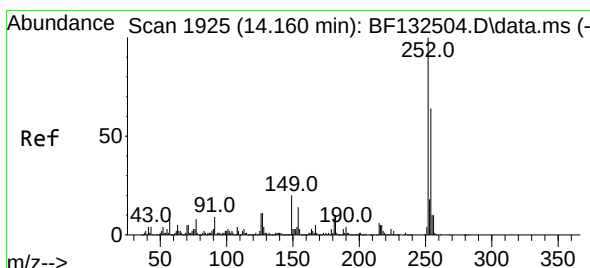
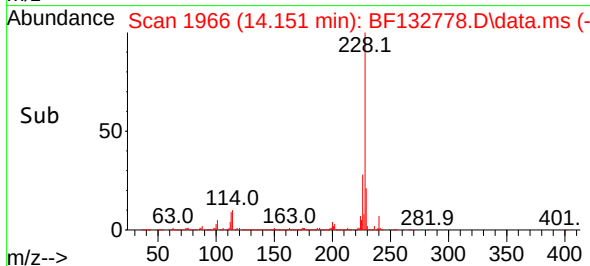
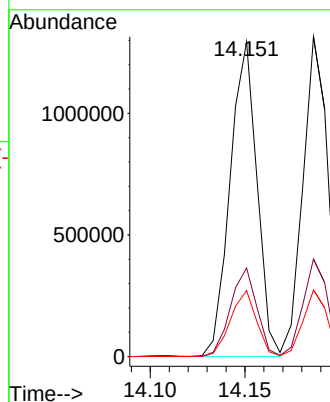
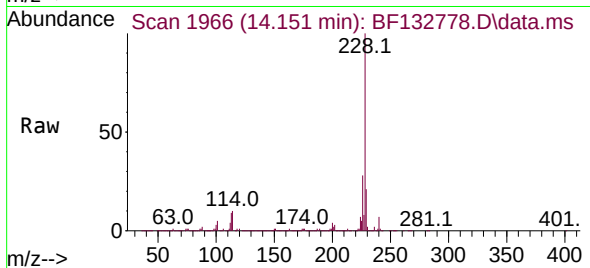
Reviewed By :Yogesh

Patel

03/15/2023

Supervised By :Jagrut
Upadhyay

03/15/2023



#82

3,3'-Dichlorobenzidine

Concen: 26.021 ng

RT: 14.104 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

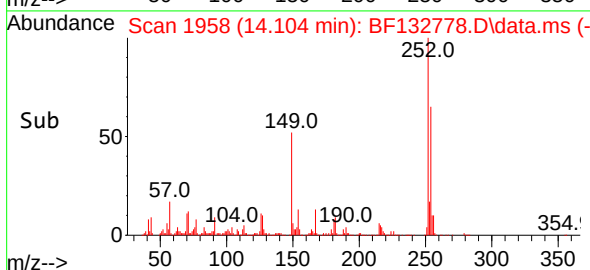
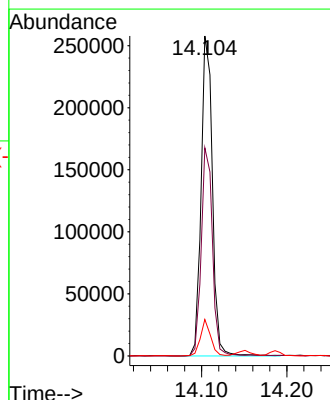
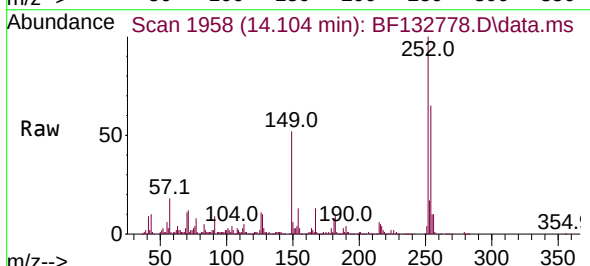
Tgt Ion:252 Resp: 236071

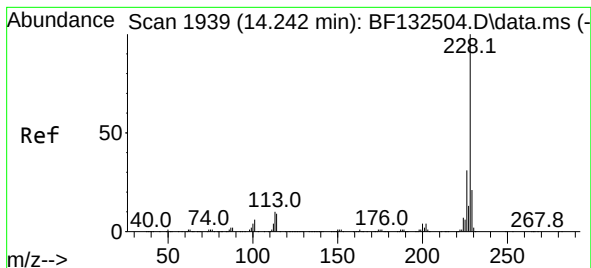
Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.2

126 11.4 8.9 13.3





#83

Chrysene

Concen: 40.868 ng

RT: 14.186 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BF132778.D

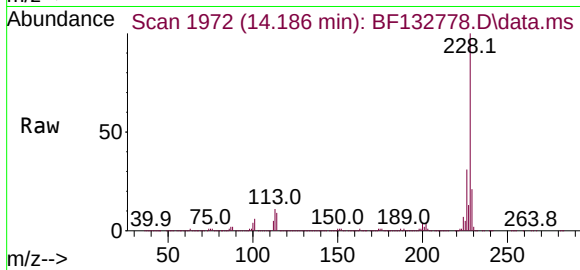
Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS



Tgt Ion:228 Resp: 1175999

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

229 20.8 16.4 24.6

Manual Integrations

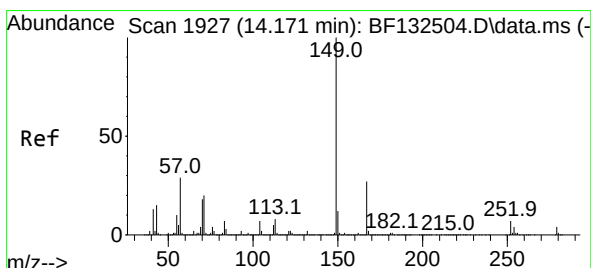
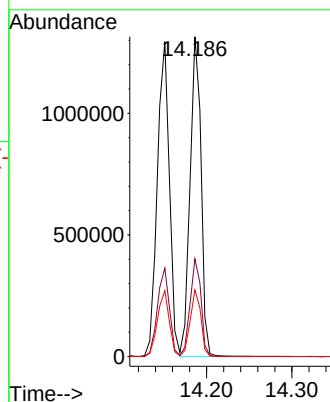
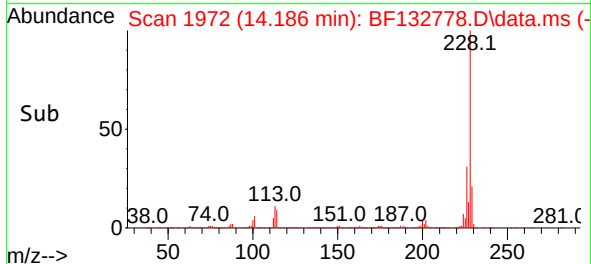
APPROVED

Reviewed By :Yogesh
Patel

03/15/2023

Supervised By :Jagrut
Upadhyay

03/15/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.755 ng

RT: 14.116 min Scan# 1960

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

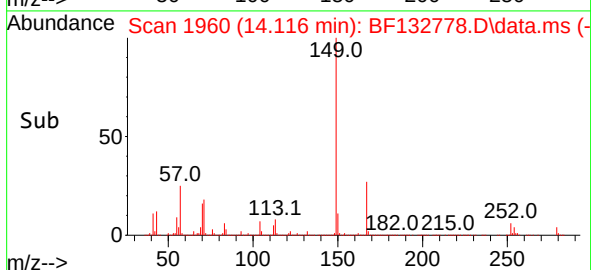
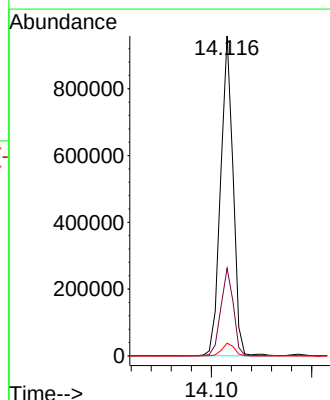
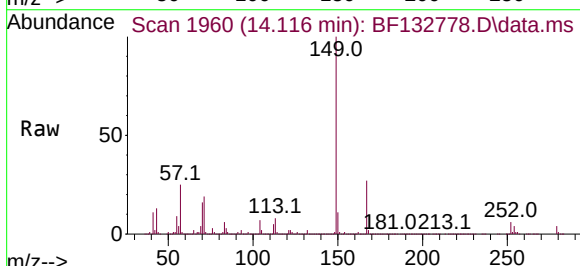
Tgt Ion:149 Resp: 829360

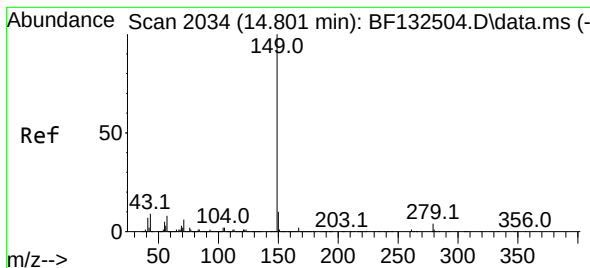
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.6

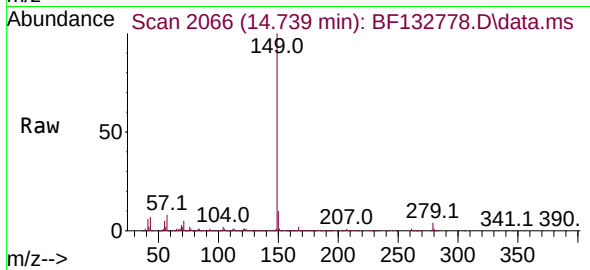
279 4.0 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 46.515 ng
RT: 14.739 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



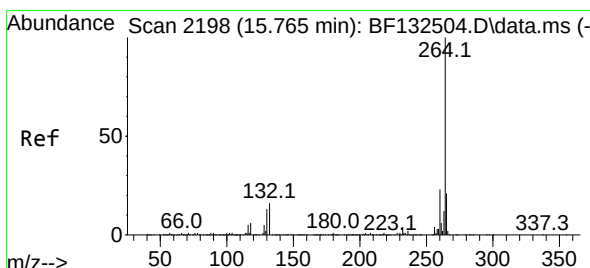
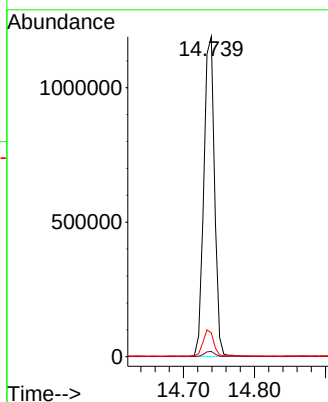
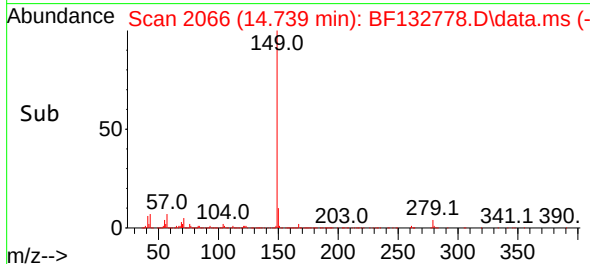
Tgt Ion:149 Resp: 1232097
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 7.2 10.8

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

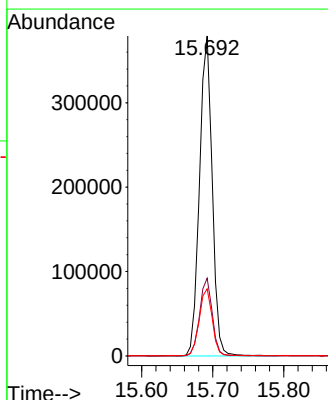
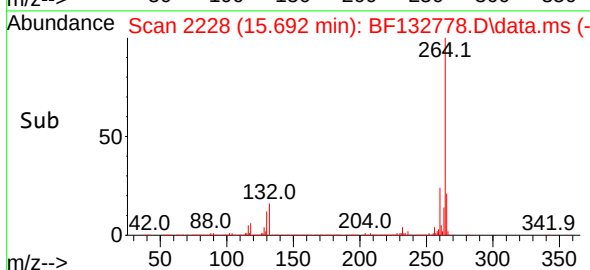
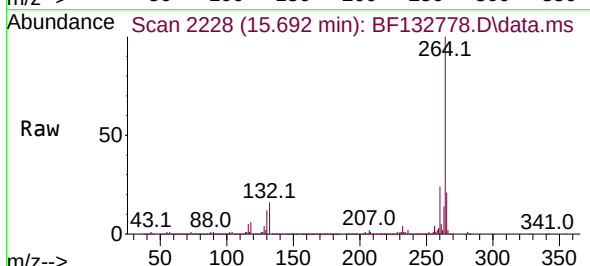
03/15/2023
Supervised By :Jagrut
Upadhyay

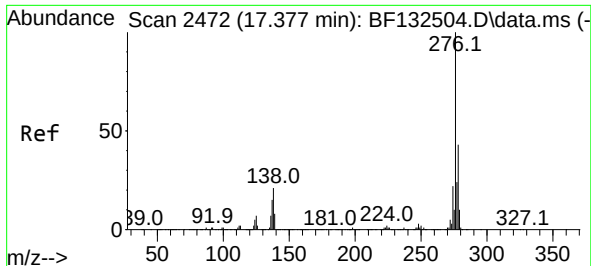
03/15/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.692 min Scan# 2228
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:264 Resp: 469283
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.0 17.1 25.7





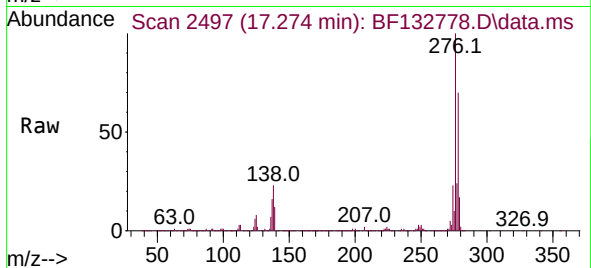
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.110 ng
RT: 17.274 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS



Tgt Ion:276 Resp: 1417869
Ion Ratio Lower Upper
276 100
138 24.4 19.0 28.4
277 24.9 20.0 30.0

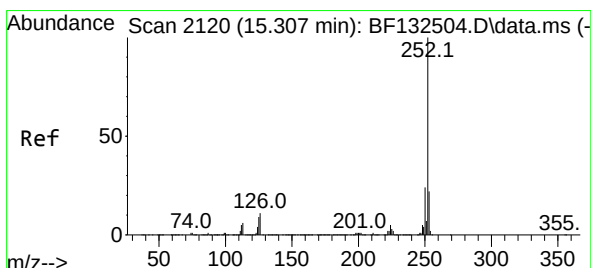
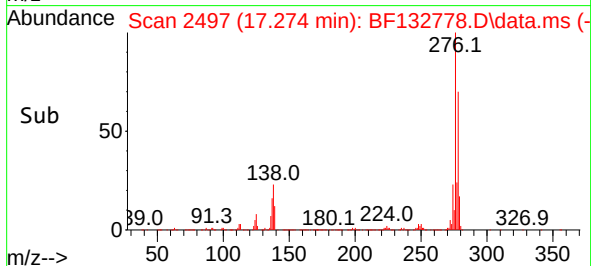
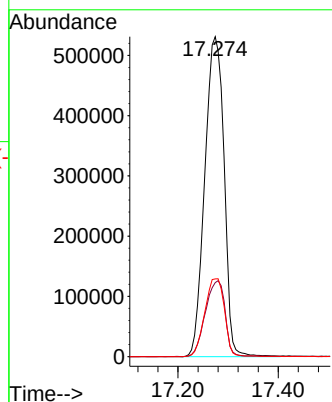
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

03/15/2023

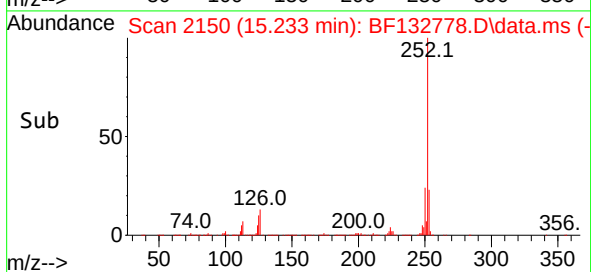
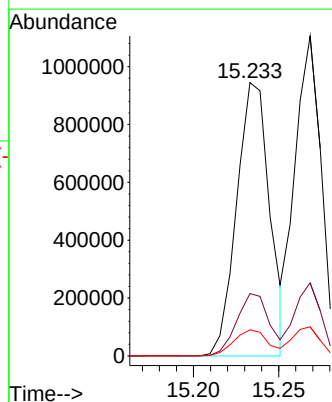
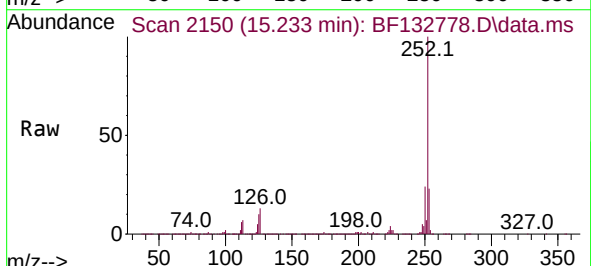
Supervised By :Jagrut
Upadhyay

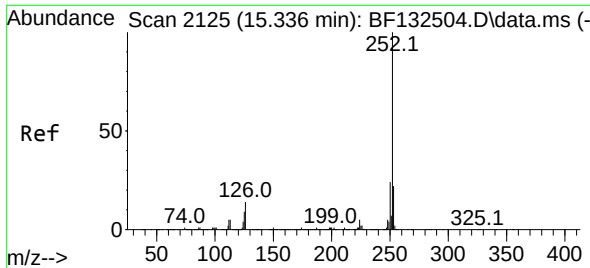
03/15/2023



#88
Benzo(b)fluoranthene
Concen: 40.472 ng
RT: 15.233 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Tgt Ion:252 Resp: 1272820
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 9.5 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 38.732 ng

RT: 15.268 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

Instrument :

BNA_F

ClientSampleId :

COMP-SOILMS

Tgt Ion:252 Resp: 1192126

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 9.1 7.2 10.8

Manual Integrations

APPROVED

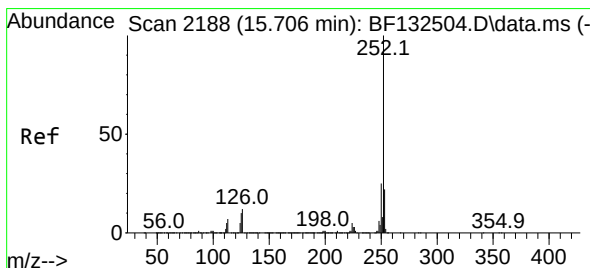
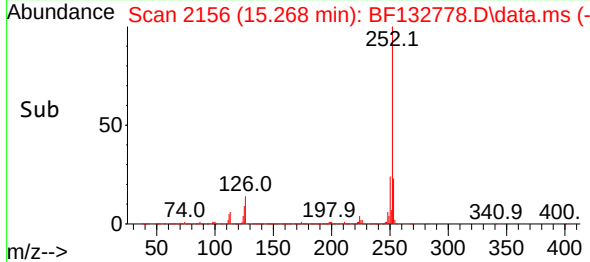
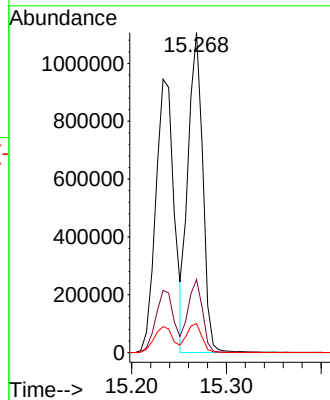
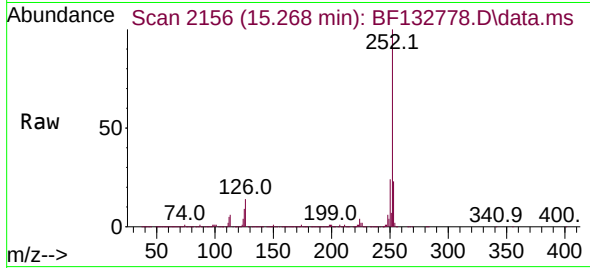
Reviewed By :Yogesh

Patel

03/15/2023

Supervised By :Jagrut
Upadhyay

03/15/2023



#90

Benzo(a)pyrene

Concen: 38.958 ng

RT: 15.627 min Scan# 2217

Delta R.T. 0.000 min

Lab File: BF132778.D

Acq: 14 Mar 2023 15:08

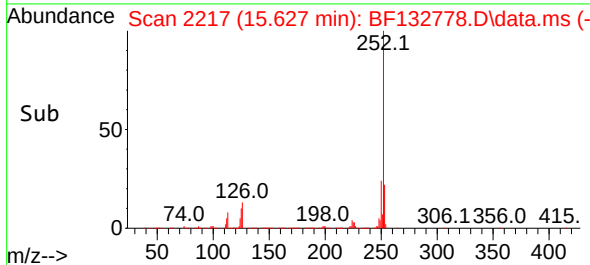
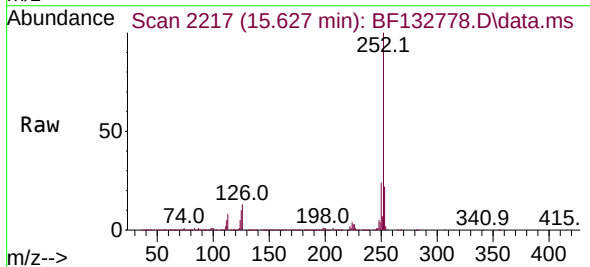
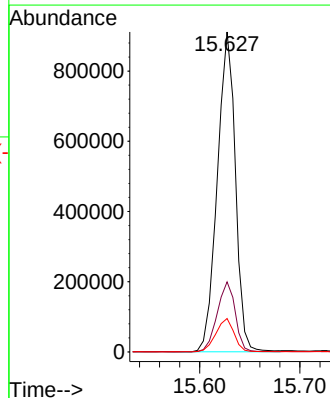
Tgt Ion:252 Resp: 1146691

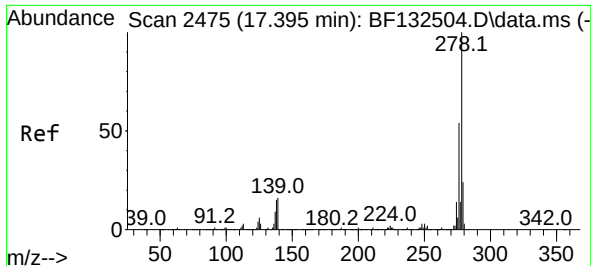
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

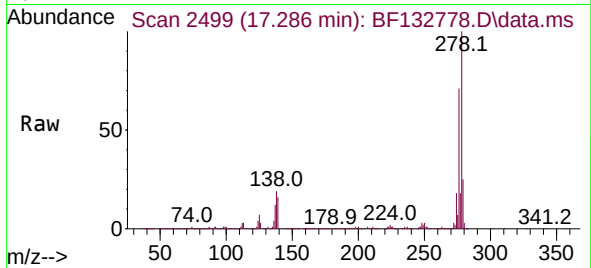
125 10.4 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 45.980 ng
RT: 17.286 min Scan# 2475
Delta R.T. -0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08

Instrument :
BNA_F
ClientSampleId :
COMP-SOILMS



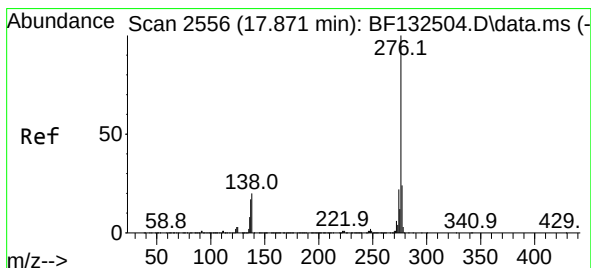
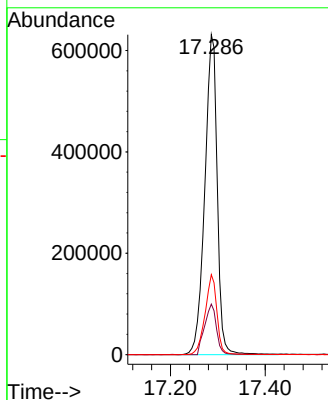
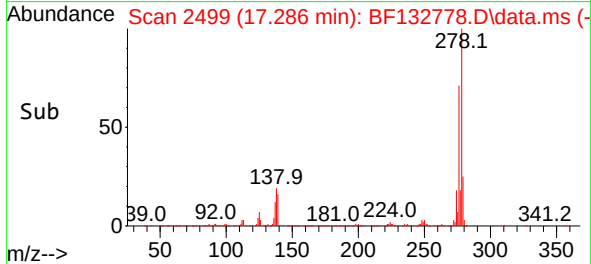
Tgt Ion:278 Resp: 1151976
Ion Ratio Lower Upper
278 100
139 15.8 13.0 19.4
279 25.0 19.0 28.4

Manual Integrations
APPROVED

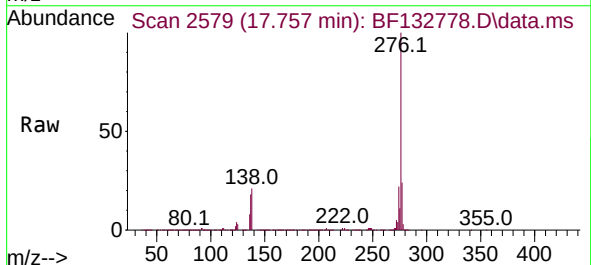
Reviewed By :Yogesh
Patel

03/15/2023
Supervised By :Jagrut
Upadhyay

03/15/2023



#92
Benzo(g,h,i)perylene
Concen: 40.728 ng
RT: 17.757 min Scan# 2579
Delta R.T. 0.000 min
Lab File: BF132778.D
Acq: 14 Mar 2023 15:08



Tgt Ion:276 Resp: 1145984
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 20.6 16.2 24.4

